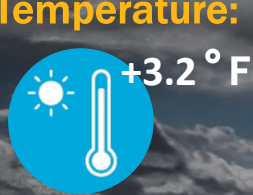


The Climate Change Road Ahead For Maplewood

Looking Back...

Since 1950, Maplewood has experienced a change in:

Average Annual Temperature:



Average Rainfall:



Heavy Precipitation Events:



Days Above 95 °F:



Growing Season:



Days Below 32 °F:

Where Is Summer Going?

As Maplewood's climate continues to warm, summer weather will be similar to what communities to the south already experience.



2020
Maplewood
MN

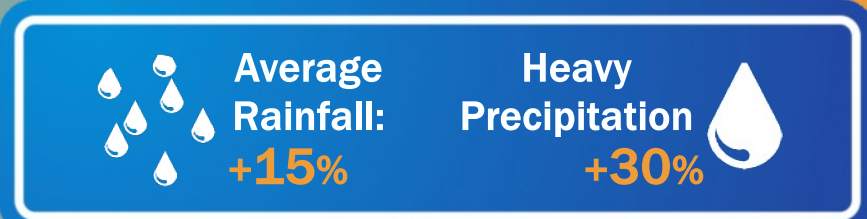
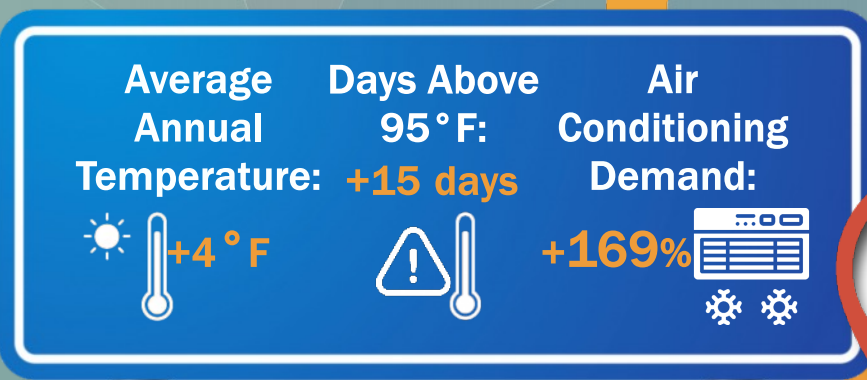
2030
Albert Lea
MN

2040
Ames,
IA

2050
Leon,
IA

Looking Ahead...

What Climate Changes could Maplewood see by 2050?



2060
Lathrop,
MO

2070
Nevada,
MO

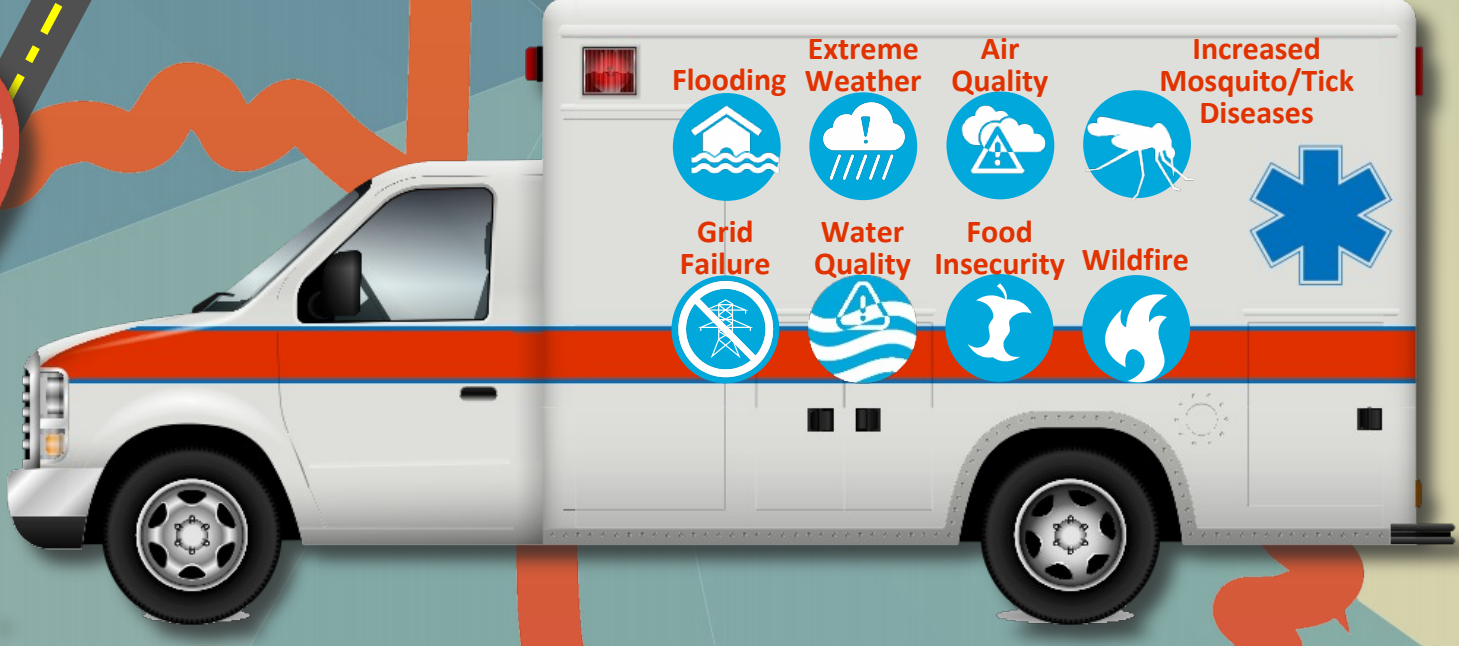
2080
Miami,
OK

2090
Savanna,
OK

2100
Denison,
TX

Responding To Change

How Might These Climate Changes Impact Maplewood?



Who is Most Vulnerable?

Across the United States, people and communities differ in their exposures, their inherent sensitivity, and their capacity to respond to and cope with climate change related threats. Community members who are most vulnerable include:



References:
<https://www.epa.gov/climatechange/2015-what-warming-the-world>
<https://www.ncei.noaa.gov/news/weather-vs-climate>
<https://www.americangeosciences.org/critical-issues/faq/difference-between-weather-and-climate>
<https://www.uml.edu/sustainability/practices/air-climate/greenhouse-gas-information.aspx#what-are-ghgs>
<https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions>
<https://www.bloomberg.com/graphics/2015-what-warming-the-world/>
<https://climate.nasa.gov/causes/>
<https://data.giss.nasa.gov/modeler/ghgases/fig1a.ext.txt>
<https://www.co2.earth/daily-co2>

