

# The Climate Change Road Ahead For Skokie

## Looking Back...

Skokie has experienced changes in climate:

<b>Average Annual Temperature:</b> +1.13 °F	<b>Average Rainfall:</b> +5.7%	<b>Heavy Precipitation Events:</b> +34%
<b>+2 days</b> Days Above 95 °F:	<b>+10 days</b> Growing Season:	<b>-9 days</b> Days Below 32 °F:

## Where Is Summer Going?

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

**14 miles** Distance southward the Village of Northbrook's climate experience moves every year.

Which is equal to moving:  
**203 feet** every day.

GPS

2020 Skokie IL

2030 Pontiac, IL

## Looking Ahead...

What Climate Changes could Skokie see by 2050?

2040 Springfield IL

2050 St Louis, MO

**Average Annual Temperature:** +6 °F

**Days Above 95 °F:** +25 days

**Air Conditioning Demand:** +70%

**Average Rainfall:** +14%

**Heavy Precipitation:** +15%

**Growing Season:** +26 days

**Days Below 32 °F:** -25 days

2060 Springfield MO

2070 Jay OK

2080 Smithville OK

2090 DeKalb TX

2100 Mesquite TX

## Responding To Change

How Might These Climate Changes Impact Skokie?



## 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 related threats. Community members who are most vulnerable include:

- Children
- Older Adults
- Individuals with Disabilities
- Those in Economic Stress
- People of Color
- At Risk Workers
- Food Insecure Individuals
- Individuals w/out Vehicle Access



References:  
<https://midwestepi.files.wordpress.com/2018/06/indiana-infrastructure-and-climate-change-final.pdf>  
<https://ag.purdue.edu/indiana-state-climate/>  
<https://ag.purdue.edu/indianaclimate/>  
<https://19january2017snapshot.epa.gov/climatechange/climate-change-basic-information.html>  
<https://www.umt.edu/sustainability/practices/air-climate/greenhouse-gas-information.aspx#what-are-ghgs>  
<https://www.ncei.noaa.gov/news/weather-vs-climate>  
<https://www.americangeosciences.org/critical-issues/faq/difference-between-weather-and-climate>  
<https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions>  
<https://www.bloomberg.com/graphics/2015-whats-warming-the-world/>  
<https://climate.nasa.gov/causes/>  
<https://data.giss.nasa.gov/modelforce/ghgases/fig1A.ext.txt>  
<https://www.co2.earth/daily-co2>