

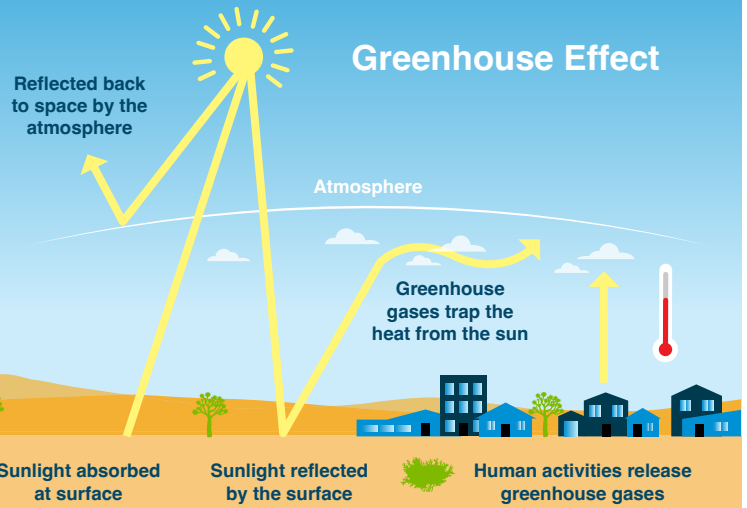


# CLIMATE CHANGE IN CLARK COUNTY

Across Southern Nevada, we are already experiencing the impacts of a changing climate: **extreme heat, flash flooding, wildfires, and drought.** To protect our health, our communities, and our infrastructure, we are going *All-In* on ambitious goals to address climate change and create a stronger community in the process. Today, the County, cities, and regional agencies are working collaboratively to build this sustainable future for our current and future residents. This is *All-In Clark County*.

## WHAT'S CAUSING CLIMATE CHANGE IN CLARK COUNTY?

The greenhouse gases we release by burning fossil fuels (like natural gas, coal, and gasoline) to power our homes, businesses, and vehicles create a thick "blanket" in the atmosphere, trapping heat and leading to disruptions in the Earth's climate. The result is extreme temperatures and drought, which we are already experiencing in Southern Nevada.



## OPPORTUNITIES FOR ACTION

Burning fossil fuels to power buildings and vehicles creates most of Clark County's emissions. We can all make a difference by transitioning to electric vehicles, upgrading our homes and buildings to use energy more efficiently, installing solar panels, reducing waste, and so much more.

Source: Community Greenhouse Gas Inventory, Clark County (2021).

## SOURCES OF EMISSIONS IN CLARK COUNTY

**48%**  
BUILDINGS & ENERGY

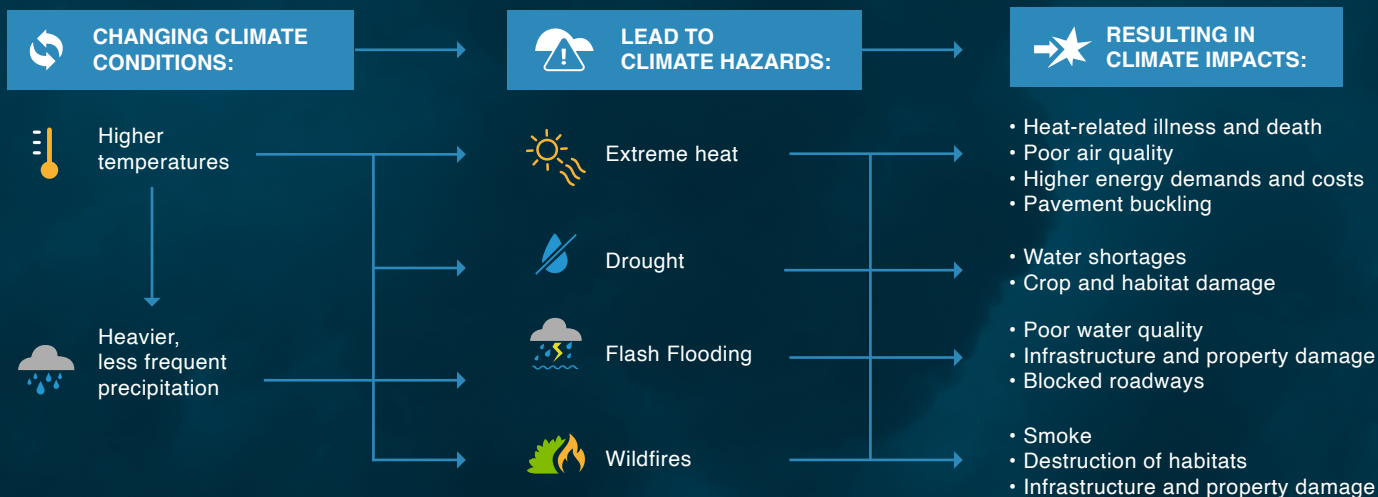
**37%**  
TRANSPORTATION\*  
\*Includes all transportation plus construction and other equipment

**13%**  
SOLID WASTE

**2%**  
WATER & WASTEWATER

# PREPARING FOR CLIMATE IMPACTS

In Clark County, we have already begun to feel the impacts of climate change. As our atmosphere warms, we experience four main climate hazards more intensely and more frequently: **extreme heat, drought, flooding, and wildfires**. All of these hazards have direct impacts on the local economy, infrastructure, and the health and well-being of Clark County's communities.



These climate impacts threaten our health, safety, prosperity, and way of life here in Southern Nevada. That's why Clark County is taking bold action now. Together, we will address these challenges head on and create a healthier and more resilient future for all.

## BY THE NUMBERS

**EXTREME HEAT**

**30 DAYS A YEAR** above 106°F expected by mid-century

**#1** fastest warming city in the country is Las Vegas

**DROUGHT**

**100%** of Clark County in extreme drought conditions, as of summer 2021

Lake Mead is at 36% capacity, the lowest in history

**FLOODING**

increase in extreme precipitation events and flash floods by mid-century

**WILDFIRES**

increase in smoke events and poor air quality days due to regional wildfires

**200%** increase in flash flood runoff expected in Las Vegas metro area by mid-century

**9.5 MILLION** acres burned in Nevada from 2000-2019, more than double the acres burned from 1980-1999

Source: Climate Vulnerability Assessment, Clark County (2021).

Are you  
**ALL-IN?**



**ENGAGE**  
WITH US  
ONLINE



**TALK**  
WITH FAMILY  
& FRIENDS



**SHARE**  
YOUR  
ACTIONS



@SustainClarkCounty