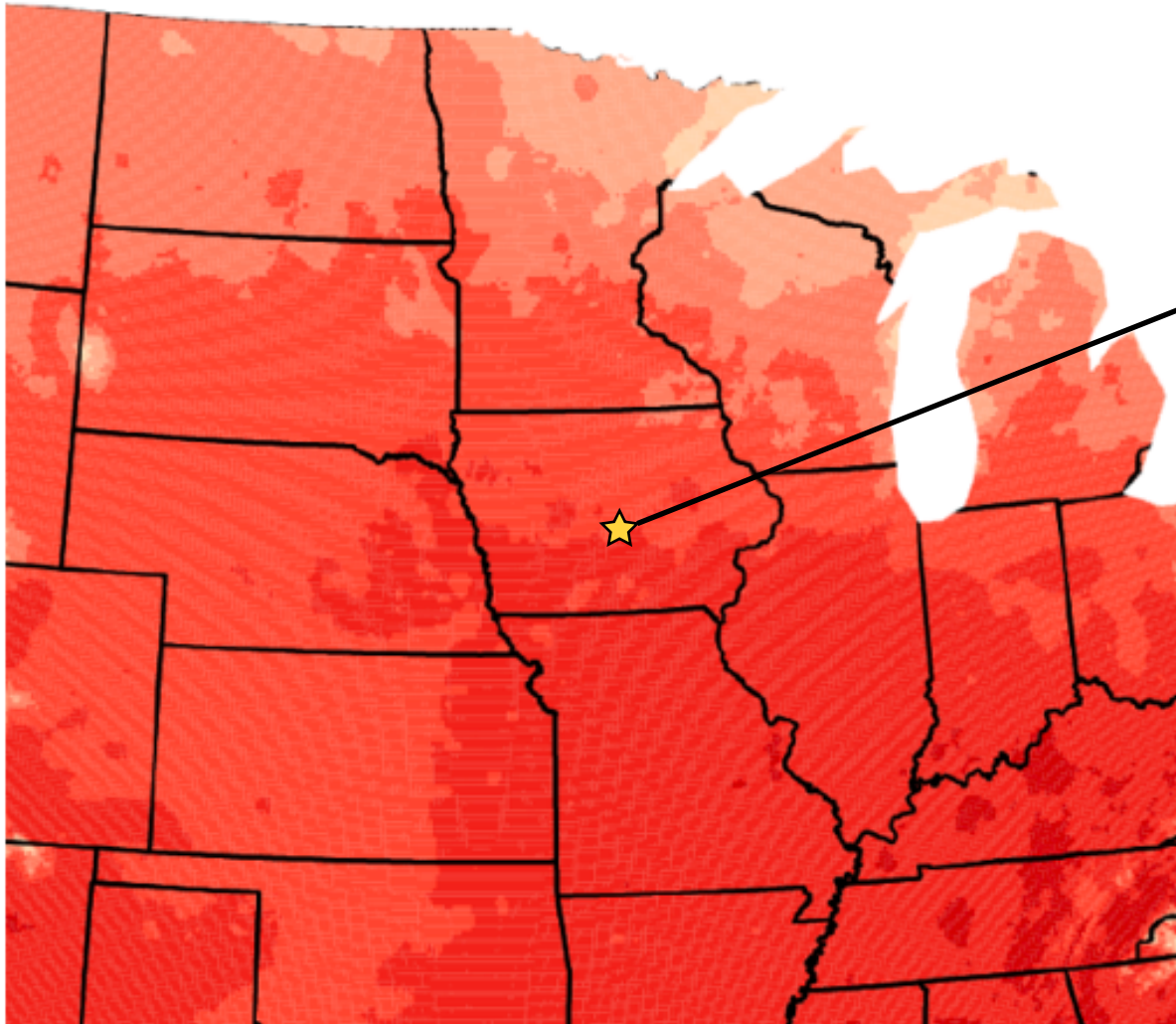


# Dangerous Heat to be More Frequent and Severe

Increase in Number of Days Above 90°F by 2050<sup>1</sup>



## Des Moines, Iowa<sup>2</sup>

Time Range	Days > 90°F
Historical (1976-2005)	23
Low emission scenario (2036-2065)	57
High emission scenario (2036-2065)	68



Increase in the Number of Days above 90°F

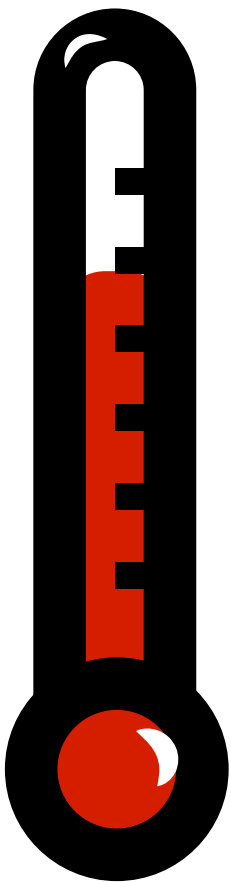
1- Data source: 4th U.S. National Climate Assessment, Climate Science Special Report (2017)

2- High Emission Scenario (RCP 8.5) Multi-member (32) Ensemble

# Hotter Iowa Heat Waves

Maximum daily temperature averaged over the hottest five-day period in a year

**92°F**



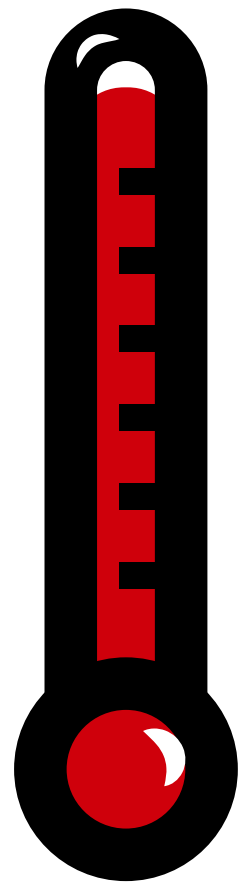
**1976-2005**

**98°F**



**2036-2065**

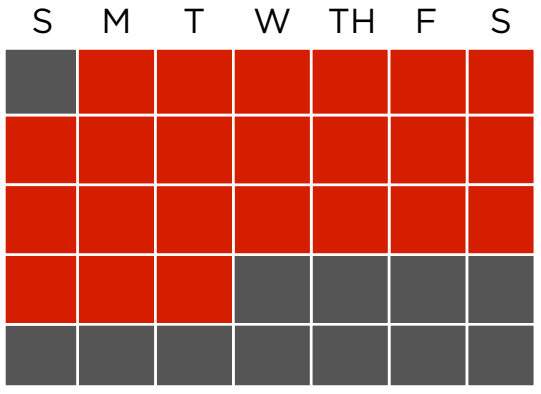
**105°F**



**2036-2065**  
Once per decade

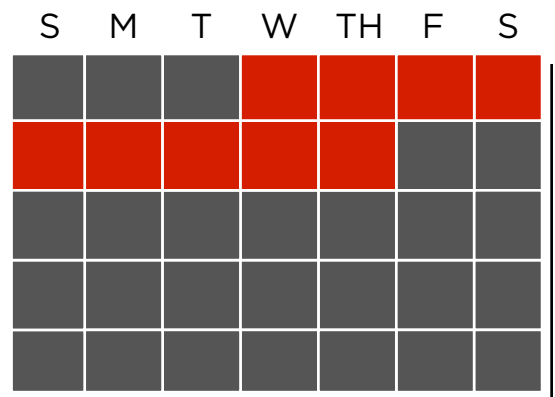
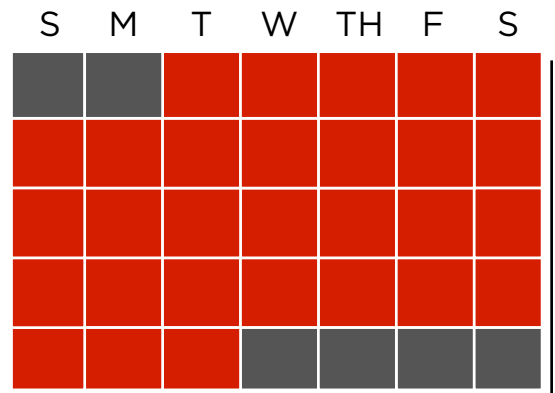
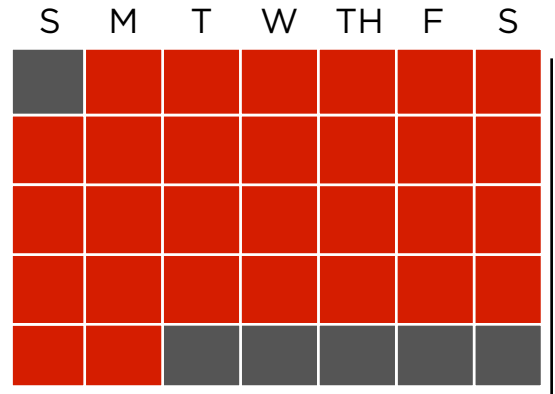
# Iowa Will Be **Hotter** with More **90°F** Days Per Year

## 1976-2005



### 23 Days

## 2050



### 67 Days