Municipal Vulnerability Preparedness (MVP) Workshop

Timeline

1. **SUMMER 2019:** Applied for the MVP planning grant, formed a Core Group, and selected state-certified MVP consultant (Kleinfelder)
2. **LATE SUMMER 2019:** Core Group meeting to identify initial target hazards
3. **EARLY FALL 2019:** Gathered available background information
4. **OCTOBER 29, 2019:** Hold 8-hour workshop
5. **LATE FALL 2019:** Finalize workshop outcomes into a report
6. **MARCH 2, 2020:** Hold public listening session
7. **LATE SPRING 2020:** Be designated a "Climate Change Municipal Vulnerability Preparedness Community" by EOEAA
8. **FUTURE:** Increased funding opportunities through MVP Action grant program

Terminology

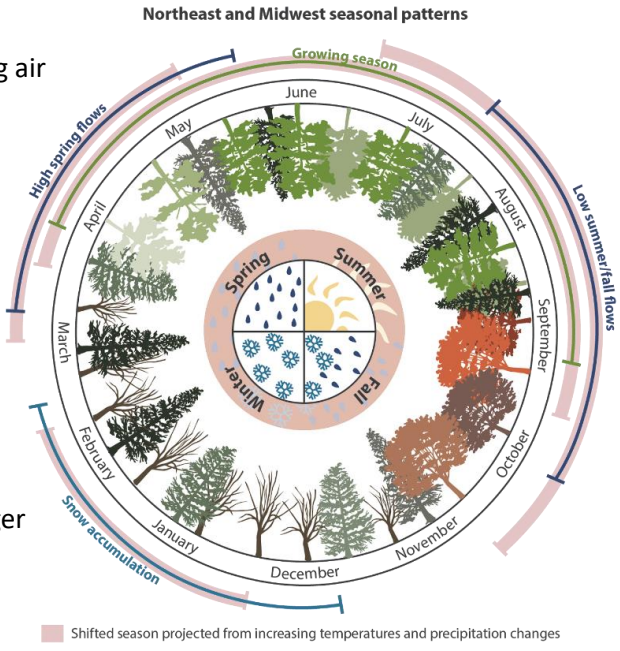
100-year storm: a storm that has a 1% chance of occurring during any given year.

Storm Recurrence Interval	Annual chance of occurring	Inches of Rain in 24 hours
500-year	1/500 = 0.2%	11.3
100-year	1/100 = 1%	8.27
25-year	1/25 = 4%	6.45
10-year	1/10 = 10%	5.26

Microburst: an intense small-scale column of sinking air (downdraft) produced by a thunderstorm or rain shower and is usually less than or equal to 2.5 miles in diameter.

Drought: Widespread drought has occurred across the region as recently as 2016, and before that in the early 2000s, 1980s, and mid-1960s. More frequent and severe droughts are expected as climate change continues to increase temperatures, raise evaporation rates, and dry out soils - even in spite of more precipitation and heavier rainfall events. More rainfall in large events could mean longer gaps with no rainfall locally.

Heat wave: Three consecutive days over 90 degrees.



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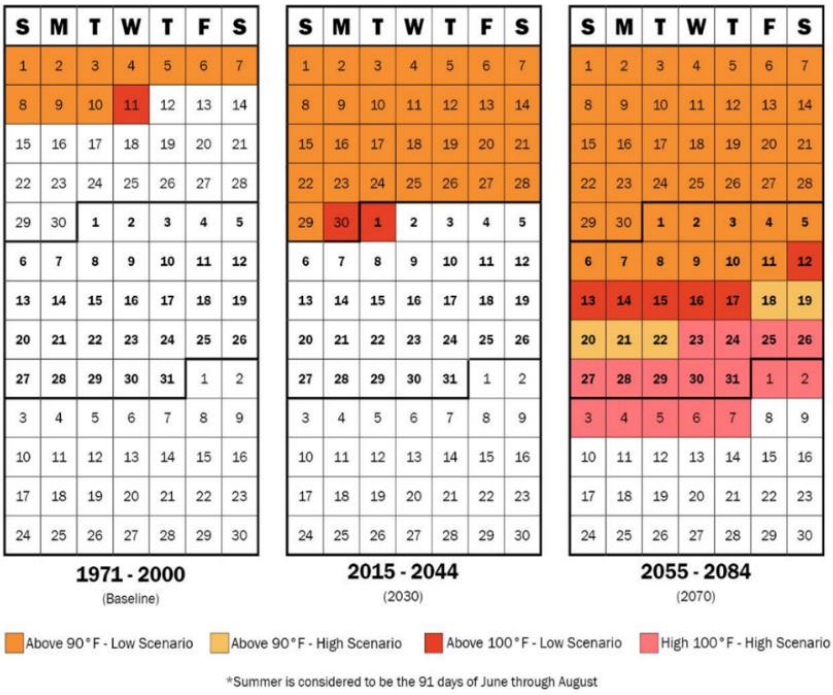
Brush Fires

Interface: has less than 50% vegetative cover

Intermix: has more than 50% vegetative cover

Heat Degree Days (HDD): is a measurement designed to quantify the demand for energy needed to heat a building, derived from measurements of outside air temperature.

Cooling Degree Days (CDD): a measurement designed to quantify the demand for energy needed to cool buildings.



Core Teams

Medway's Team	Kleinfelder Team
Stephanie Carlisle	Robin Seidel
Allison Potter	Laura Nolan
Bridget Graziano	John Rahill
Susan Affleck-Childs	Jill Rossini
Peter Pelletier	