



Museum Fire Flood Projects

May 3, 2023

Welcome to the City of Flagstaff's Museum Fire Flood Projects eNews. Please email info@museumfloodprojects.com with any questions. These eNews will be released regularly to provide updates on all the City's Museum Fire Flood Projects.

BACKGROUND

On July 21, 2019, the Museum Fire broke out in the Dry Lake Hills area just north of Flagstaff within the Coconino National Forest. The fire ultimately charred 1,961 acres, including a significant portion of the Spruce Wash Watershed. Flood modeling subsequently showed potential flood risk to neighborhoods in Coconino County and the City of Flagstaff. Both the City of Flagstaff and Coconino County Flood Control District immediately took extensive measures and precautions to mitigate damage from flood events.

Throughout the summer of 2021, unprecedented rain events impacted the Museum Fire burn scar and caused multiple rounds of flash flooding in Flagstaff neighborhoods. The City of Flagstaff continues to collaborate with both the public and private partners to lessen the impact of flooding in the affected Flagstaff neighborhoods.

2023 EMERGENCY ALERT THRESHOLDS

The City of Flagstaff and the Coconino County Flood Control District, in partnership with Coconino County Emergency Management, conduct an annual review of rainfall gauge thresholds to determine when Emergency Notifications should be sent out to neighborhoods impacted by post-wildfire flooding during rain events. This year's review for the Spruce Wash/ Museum flood area determined that adjustments to the thresholds were warranted. These adjustments were made based on infrastructure projects that have been completed in the area, flood observations from last year's events, as well as the limited amount of watershed recovery and healing that has occurred. The new thresholds are outlined in the graphic below, with City and Flood Control District personnel beginning to monitor drainages and water flows at 0.5 inches of rain on the burn scar in 15 minutes, an emergency notification being issued to Mt Elden Estates at 0.8 inches of rain on the burn scar in 15 minutes and an emergency notification being issued to Mt Elden Estates, Paradise, Grandview and Sunnyside at 1.2 inches of rain on the burn scar in 15 minutes. The siren alerting system will also active at the third threshold.

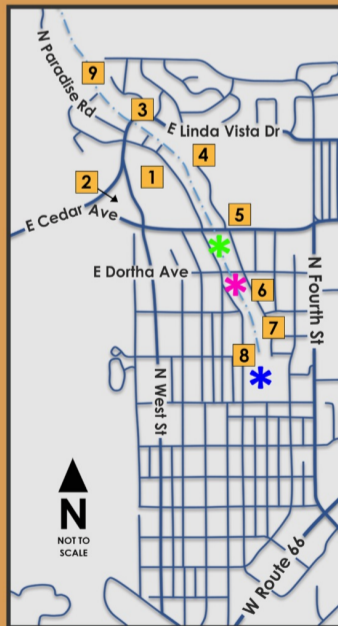
Residents are urged to sign up for emergency notifications at coconino.az.gov/ready to ensure they receive potentially lifesaving notifications on flood alerts this monsoon season.

Spruce Wash/Museum Emergency Alerts

Know Your Area's Rainfall Thresholds & Alert Notifications

Threshold	Rainfall Gauge Threshold	Alert Notifications
3	1.20" of rain in 15 min	Rainfall Gauge Threshold 3 An Emergency Alert Notification will be issued to Mt. Elden Estates, Paradise, Grandview and Sunnyside and the siren alerting system will go off.
2	0.80" of rain in 15 min	Rainfall Gauge Threshold 2 An Emergency Alert Notification will be issued to Mt. Elden Estates.
1	0.5" of rain in 15 min	Rainfall Gauge Threshold 1 City and Flood Control District personnel will be activated to monitor drainages and water flows. No emergency notification alerts will be sent.

Visit MuseumFloodProjects.com for more information.



Key Flood Projects

1. Grandview Drive Reconstruction
2. "The Wedge" Detention Basin
3. Linda Vista Drive Crossing
4. Cedar Avenue to Linda Vista Drive Channel
5. Cedar Avenue Crossing
6. Arroyo Seco Drive to Dortha Avenue Channel
7. Arroyo Seco Drive Inlet
8. Killip Basins Inlet
9. Park Way Basins

Completed Key Flood Projects

- Spruce Wash Channel Improvements Project (Cedar Avenue to Dortha Avenue)
- Spruce Wash Channel Improvements Project (Dortha Avenue Inlet)
- Killip School Regional Detention Basins Project

Stay Connected

Electronic Newsletters

The City will send out electronic newsletters (such as these) on a regular basis as these projects progress. To receive eNewsletters, as well as notifications of Museum Flood Project updates scheduled at City Council meetings, send a request to: info@museumfloodprojects.com.

Additional questions?

Please email: info@museumfloodprojects.com
Sarah Langley
Public Affairs Director, City of Flagstaff
(928) 853-5596

[Click here to view a larger version of this map.](#)



For more information on these projects and important resources, visit museumfloodprojects.com