



Museum Fire Flood Projects

August 12, 2022

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.

FLOOD RISK REMAINS

The City of Flagstaff would like to remind residents that the risk of post-wildfire flooding in the Museum Flood Area remains high, and residents should stay alert throughout the monsoon season. While several mitigation measures were put in place to lessen the impacts of flooding prior to the 2022 monsoon season, these mitigation measures do not eliminate the threat of flooding.

Although a lot of rain has fallen in Flagstaff this monsoon season, very little of it has fallen on the Museum Fire burn scar. Over three inches of rain fell on the Museum Fire burn scar within 60 minutes on August 17, 2021. Comparatively, the largest 60-minute rainfall total on the burn scar this year has been 1.22 inches. The City is grateful to our partners for assisting in the completion of mitigation efforts prior to the 2022 monsoon season and is committed to continuing to seek out additional mitigation efforts but reminds residents that the watershed has not healed, and the threat of flooding remains. Please stay alert this monsoon season.

LARGEST EVENTS ON MUSEUM FIRE BURN SCARS FOR 2021			
RAINFALL EVENT DATE	RAINFALL TOTALS (INCHES)		
	Maximum 15 Minute	Maximum 60 Minute	Daily Total
7.13.2021	1.02	1.81	2.17
7.14.2021	0.67	1.15	1.22
7.16.2021	0.63	1.38	1.42
7.21.2021	0.60	1.26	1.26
8.17.2021	1.14	3.07	3.35

LARGEST EVENTS ON MUSEUM FIRE BURN SCARS FOR 2022			
RAINFALL EVENT DATE	RAINFALL TOTALS (INCHES)		
	Maximum 15 Minute	Maximum 60 Minute	Daily Total
7.15.2022	0.67	1.10	1.14
7.27.2022	0.55	1.22	1.42
7.29.2022	0.83	1.06	1.46



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
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City of Flagstaff

Key Flood Projects

Key projects are identified by the corresponding colored asterisk on the map to the left:

- * Alluvial Fan Restoration and Sediment Reduction (Led by the Coconino County Flood Control District)
- * Spruce Wash Channel Improvements Project (Cedar Avenue to Dortha Avenue)
- * Spruce Wash Channel Improvements Project (Dortha Avenue Inlet)
- * Killip School Regional Detention Basins Project

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



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