

Estimated Project Timeline

Upper Yellowstone Floodplain Maps Update



*Timeframes are estimated and may change during the project

2022-2024	2024-2026 (Carbon, Park) 2025-2027 Stillwater	2025 Carbon(est) 2026-2027 Park, Stillwater(est)	2026 Carbon (est) 2027-2028 Park, Stillwater (est)	2027 Carbon (est) 2028-2029 Park, Stillwater (est)
Measurements are made of the topography around the river, along with any culverts, bridges, and road crossings. LiDAR uses an airplane to collect ground elevation over a large area, and ground survey supplements the airborne data. Flood flow data determine how much water there will be in a river during a flood event.	The elevation and survey data are combined with the flood flow data to determine where the water will go when it overflows the channel and how far it will spread out. The area shown to be underwater and at high risk is mapped as the regulatory floodplain.	Draft data is delivered to the communities. Public open houses will be conducted for landowners to review the information. *Public input is encouraged during this time. Information will be provided on the project webpage for the public to make comments.	FEMA Preliminary Maps are produced and ready for public review 6-9 months after preliminary maps are issued a 90-day official comment & appeal period will be held.	FEMA Flood Insurance Rate Maps finalized.
Data gathering	Engineering and floodplain modeling	Draft Data available public review	Preliminary Data public comment and appeal period	Flood Insurance Rate Maps become effective

Flood Study Conducted

4 steps of a flood study.

- 1) Survey & LiDAR
- 2) Hydrology (flood flow)
- 3) Hydraulics (engineering)
- 4) Mapping (delineation)

Public Review

Public open houses are usually held during this time. The public's review of the data is an important part of the process.

During this time public comments are encouraged. There will be an official 90-day appeal period after the maps become preliminary.

Resiliency and Mitigation efforts

Community's can request mitigation technical assistance after draft data is completed, for areas with an increase in flood risk.