

1 inch = 2 miles (1:100,000)

Purpose and Use

These inundation maps have been prepared to identify areas that could be affected by debris flow flooding as a result of the Silver King Wildfire. The inundation maps are intended to aid emergency response planning efforts and to facilitate timely notification and evacuation of areas affected by a debris flow flood condition.

Hydrology

Sevier River - Flowing at constant 100 cfs.

Pine Creek (Bullion) - Peak flow of 1,350 cfs.

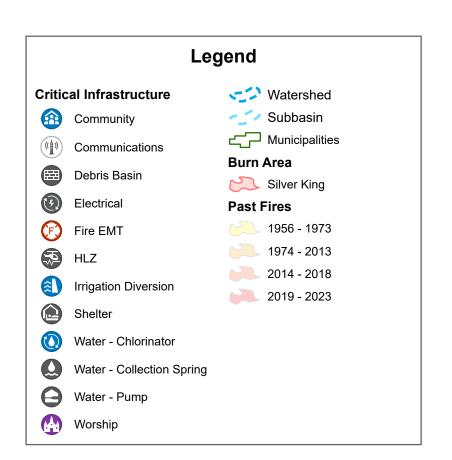
Beaver Creek - Peak flow of 1,1450 cfs.

Deer Creek - Peak flow of 680 cfs.

Flow hydrograph developed using the WILDCAT5 rainfall-runoff hydrograph model at the outlet of the watershed's sub-basin. A 30 minute storm duration and 0.64-inch storm rainfall was used based on the BAER Report and NOAA Atlas 14 Point Precipitation Frequency Estimates to produce a storm intensity of 1.26 inches/hour (32 mm/hour). A Farmer-Fletcher rainfall distribution and a single curve number of 90 to represent the current soil condition of the watershed was used.

DISCLAIMER

This map has been developed using the best information available, however, its preparation required many assumptions. Actual conditions during a runoff event may vary from those assumed, so accuracy cannot be guaranteed. The limits of flooding shown should only be used as a guideline for emergency planning and response actions. Actual areas inundated and associated impacts depend on specific flooding conditions and may differ from what is shown on the maps. Areas outside of the mapped flooding areas may still be at risk.

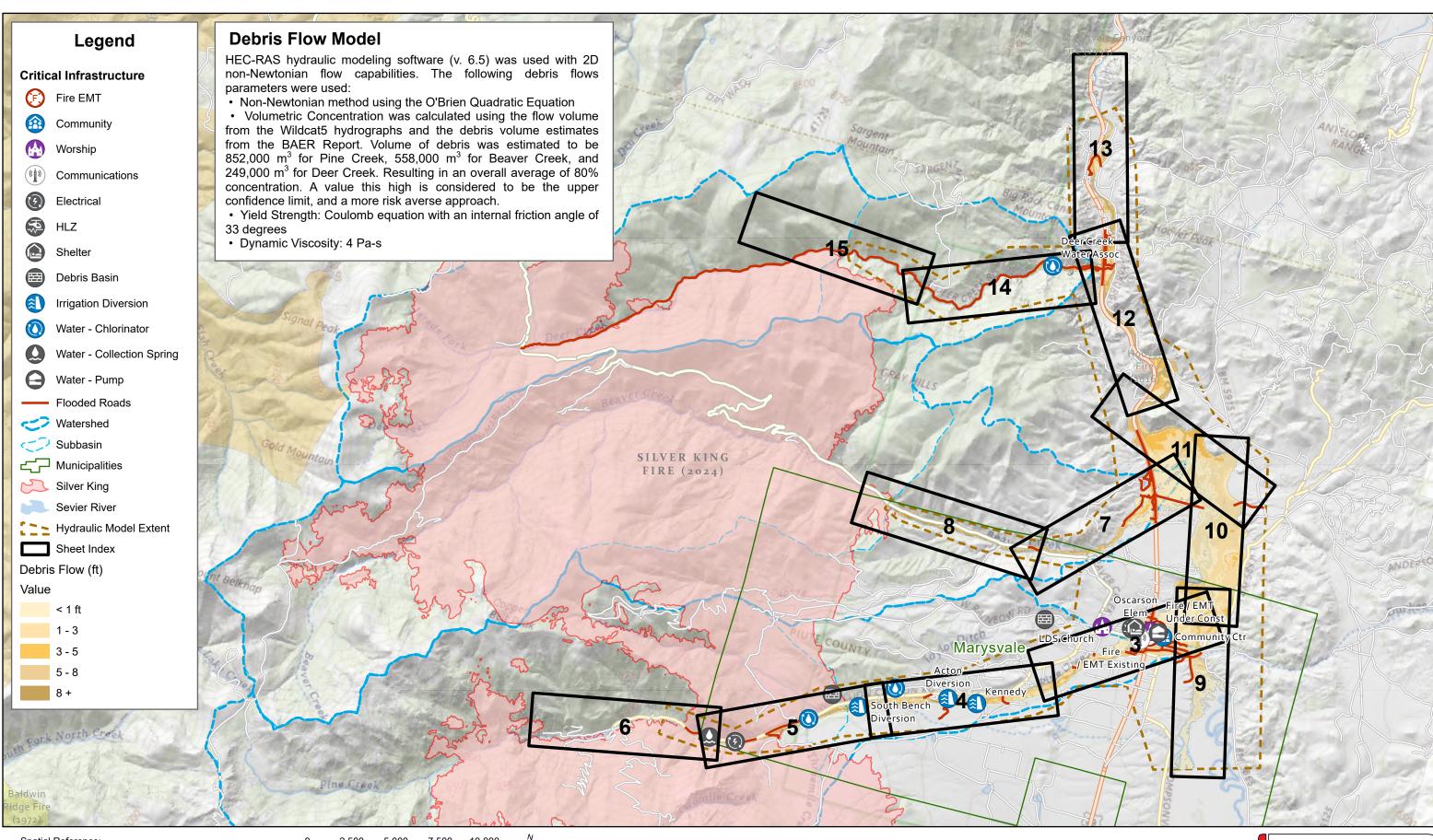




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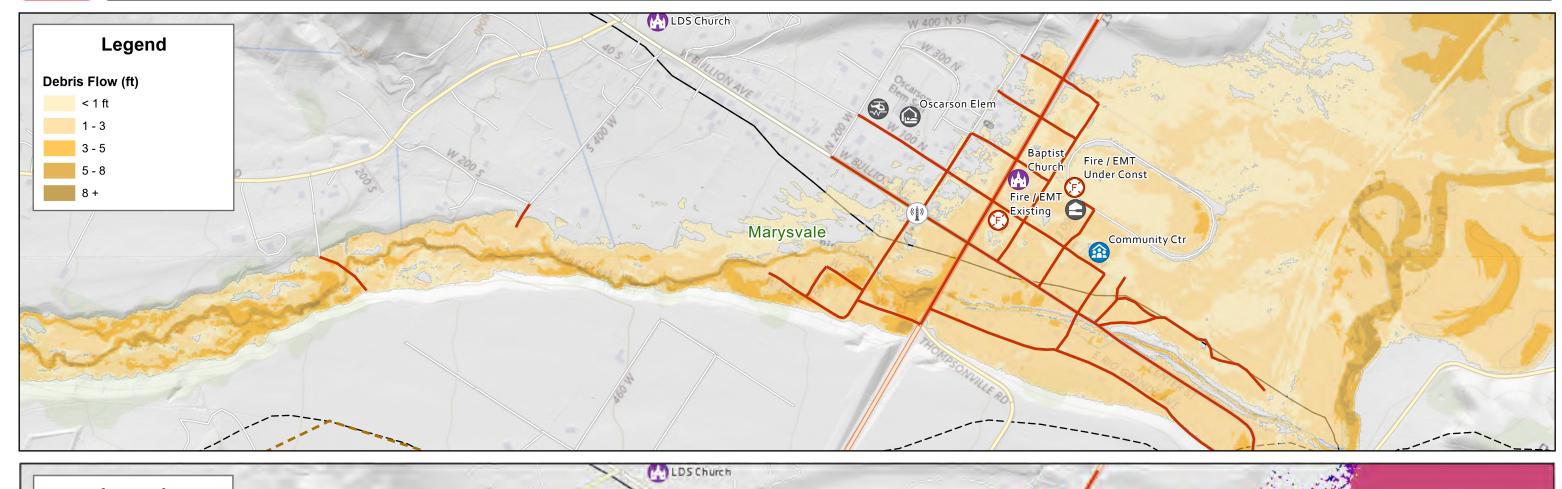


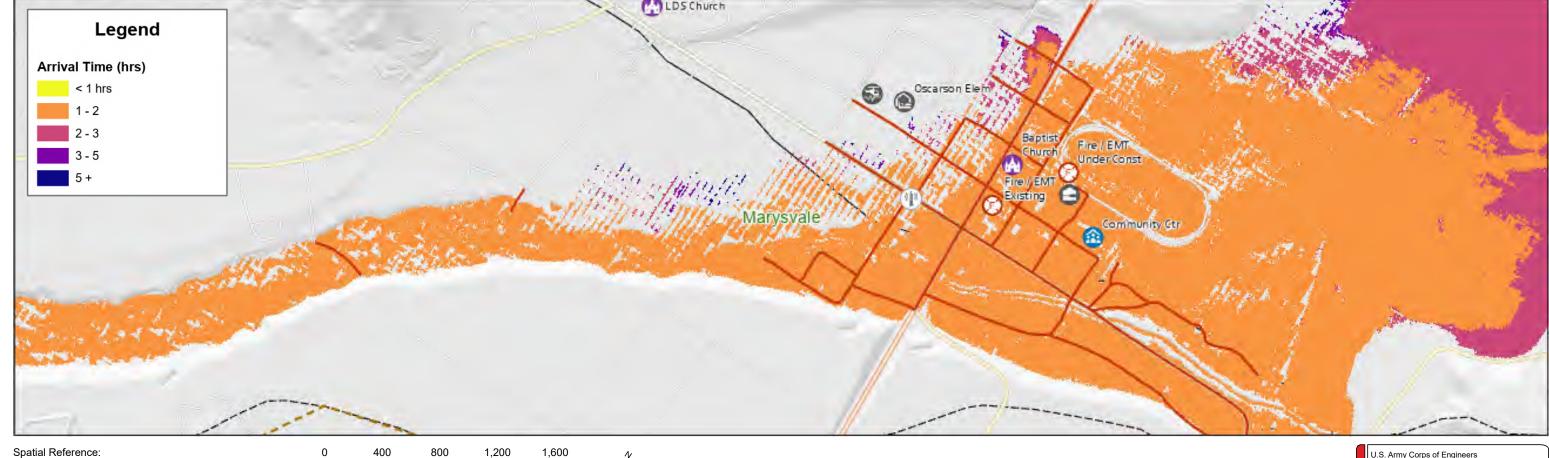
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1 inch = 0.13 miles (1:8,000)

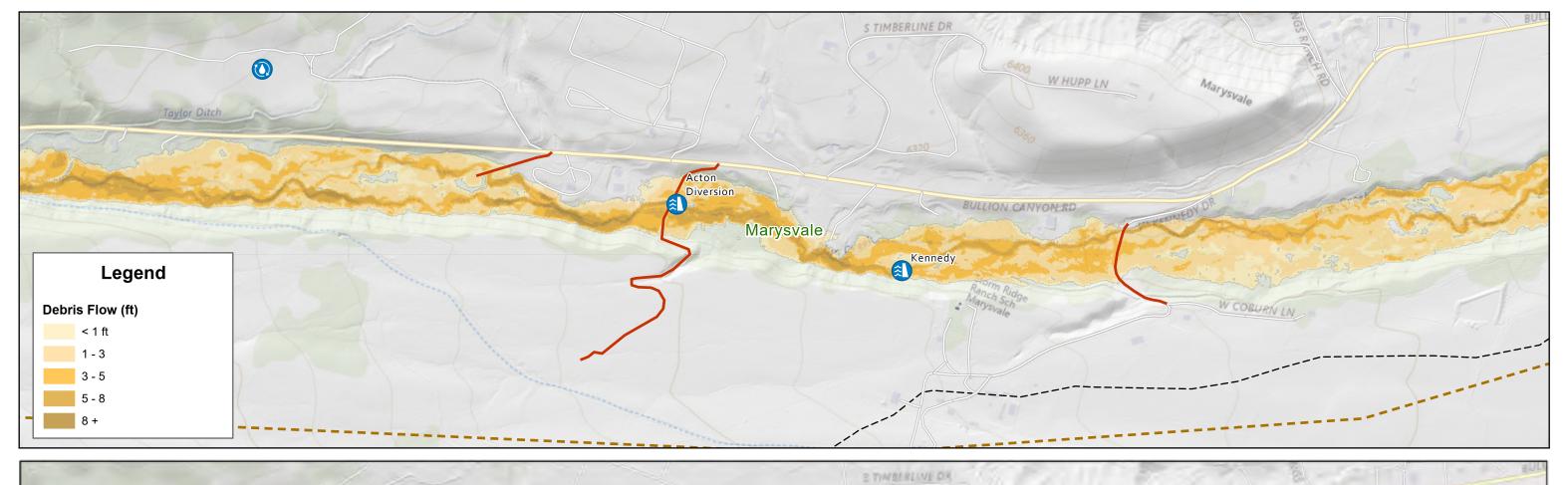
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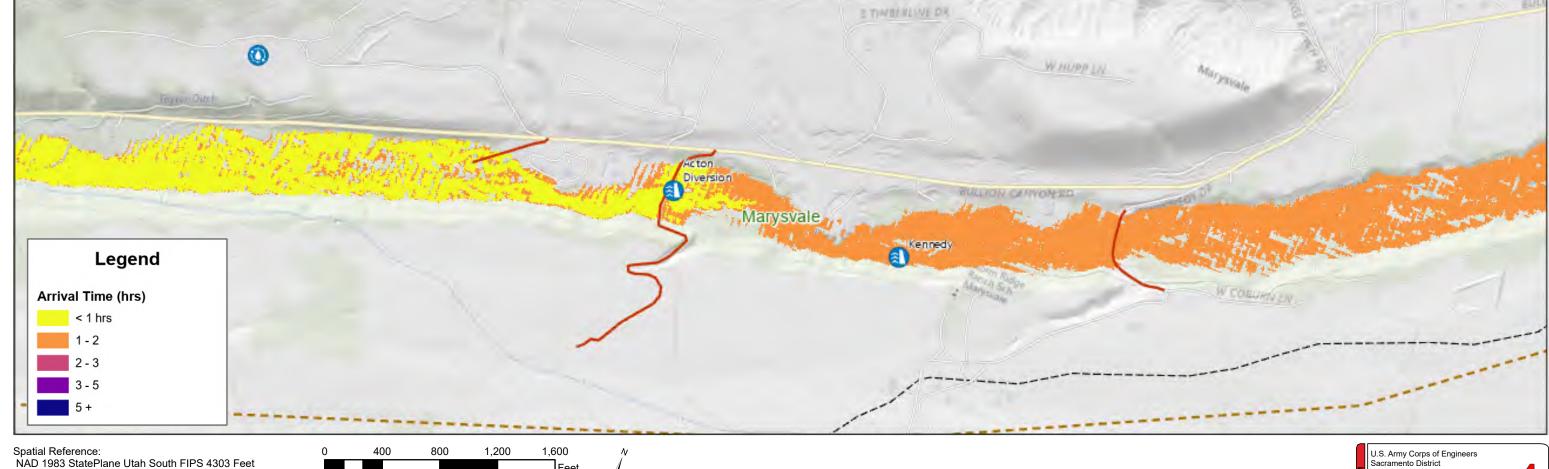
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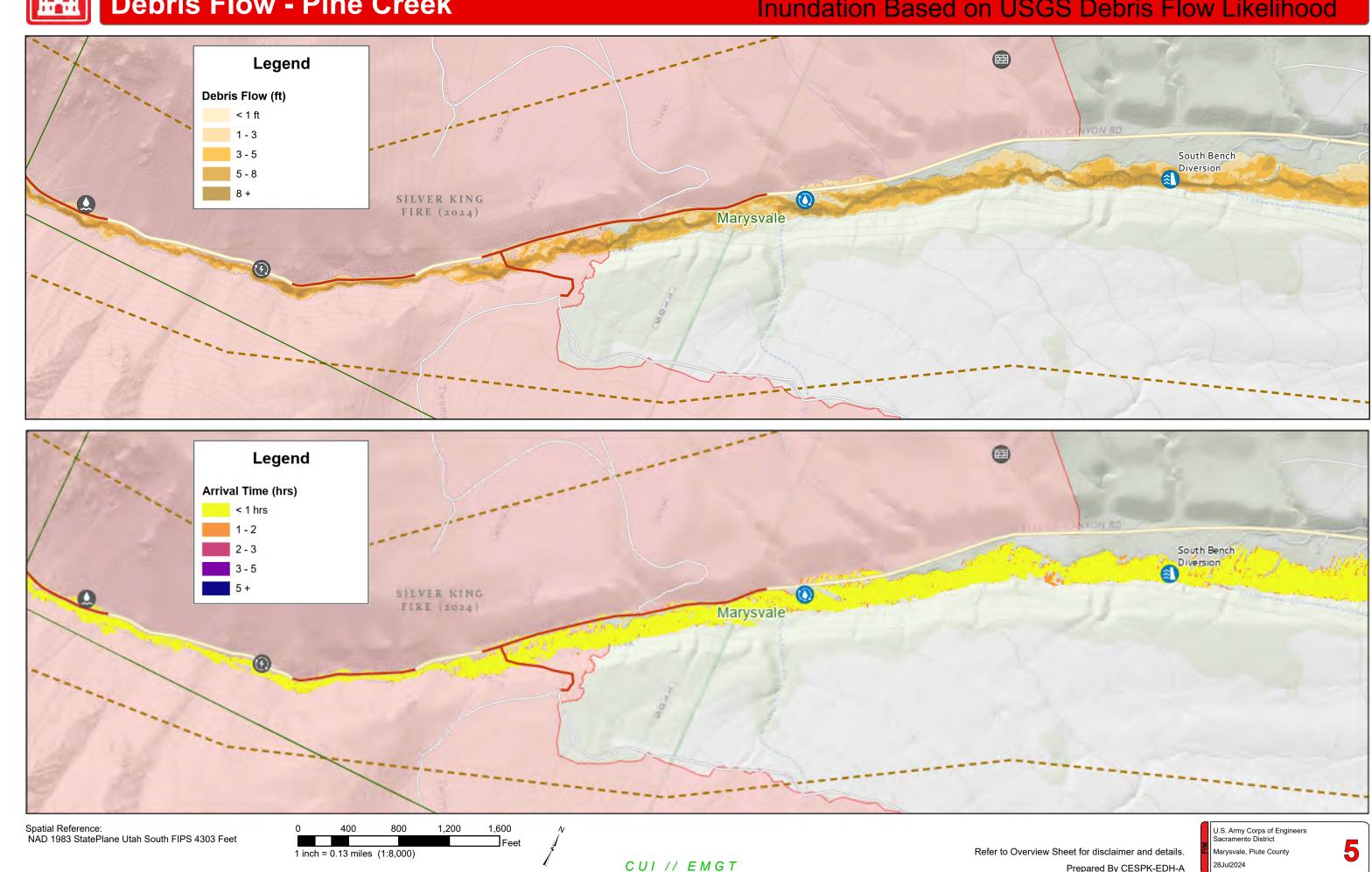
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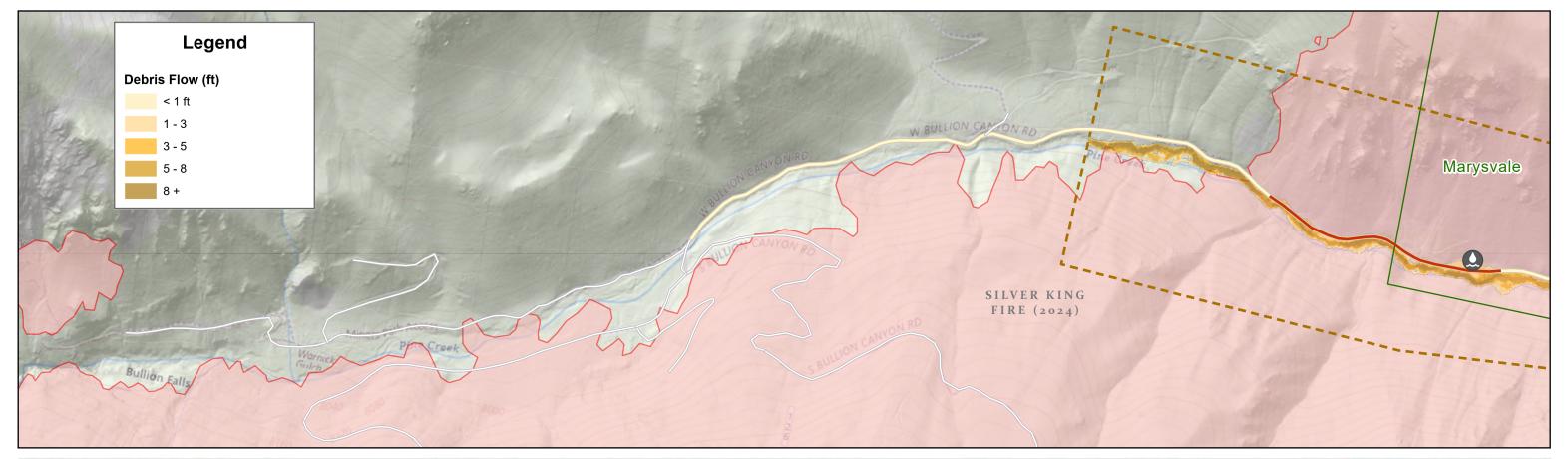






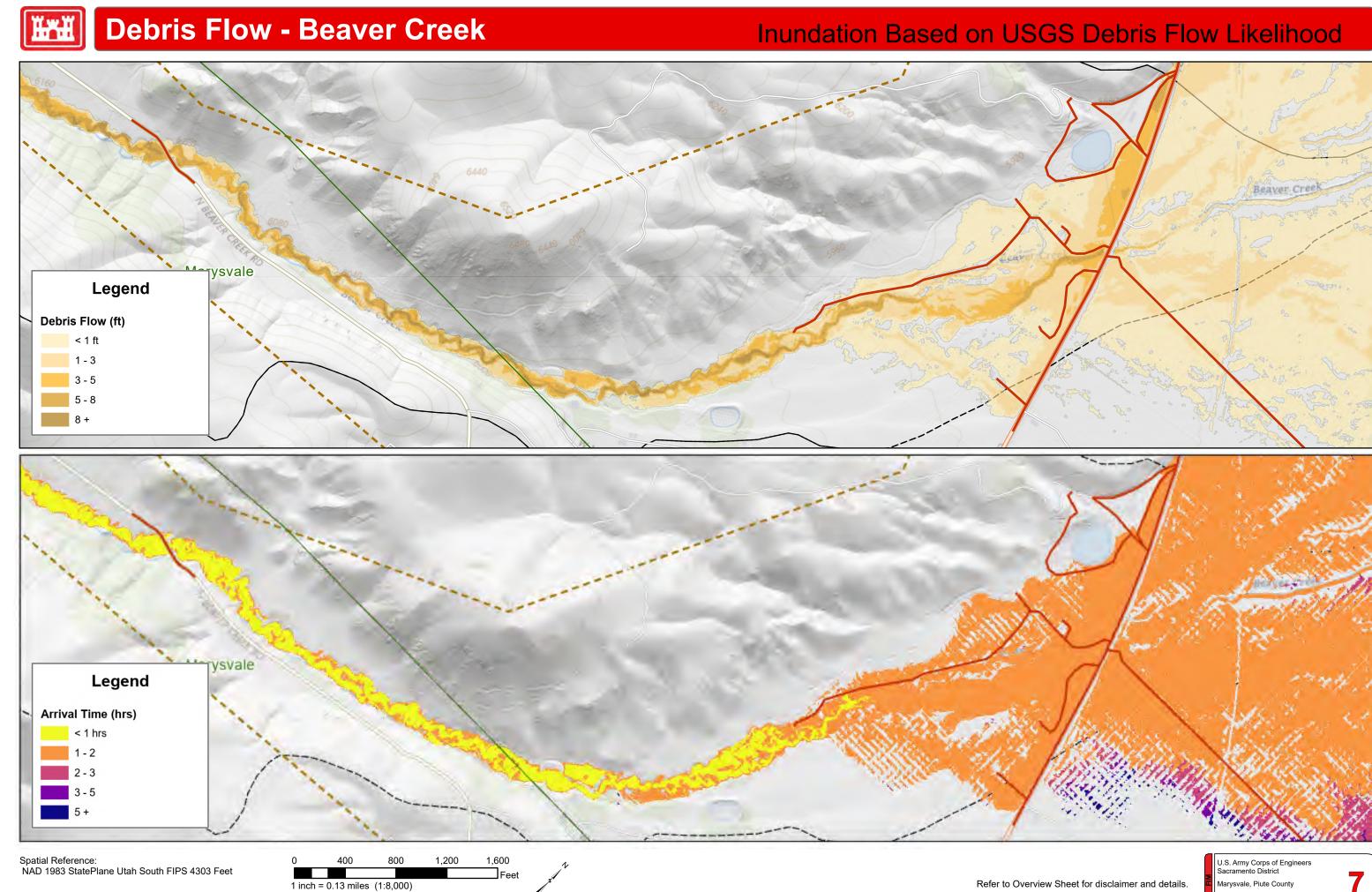








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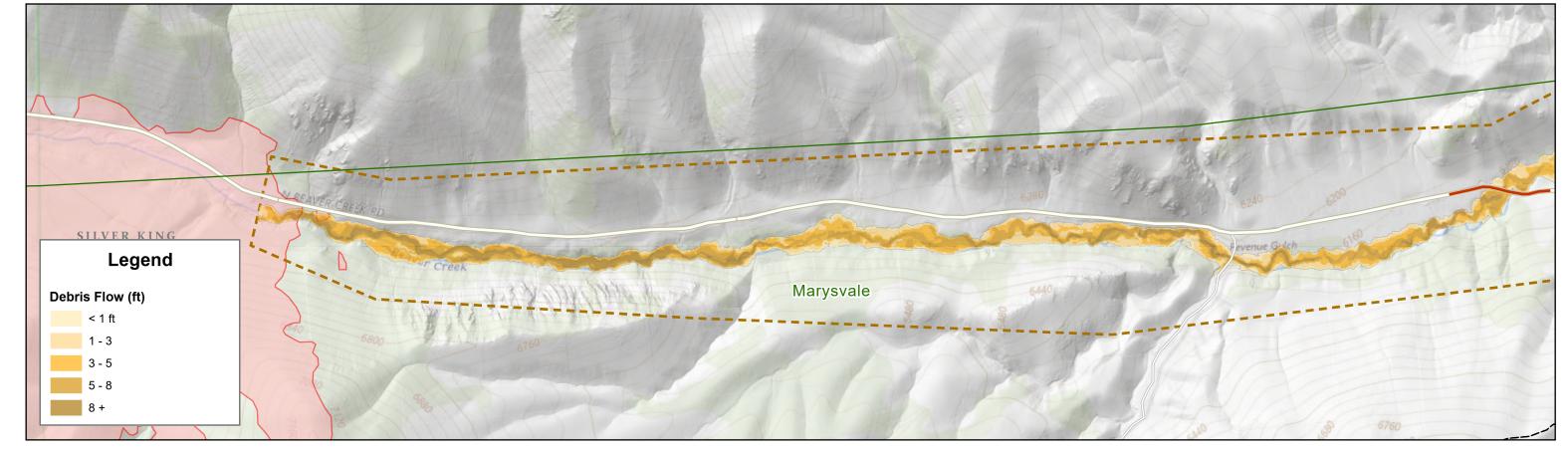
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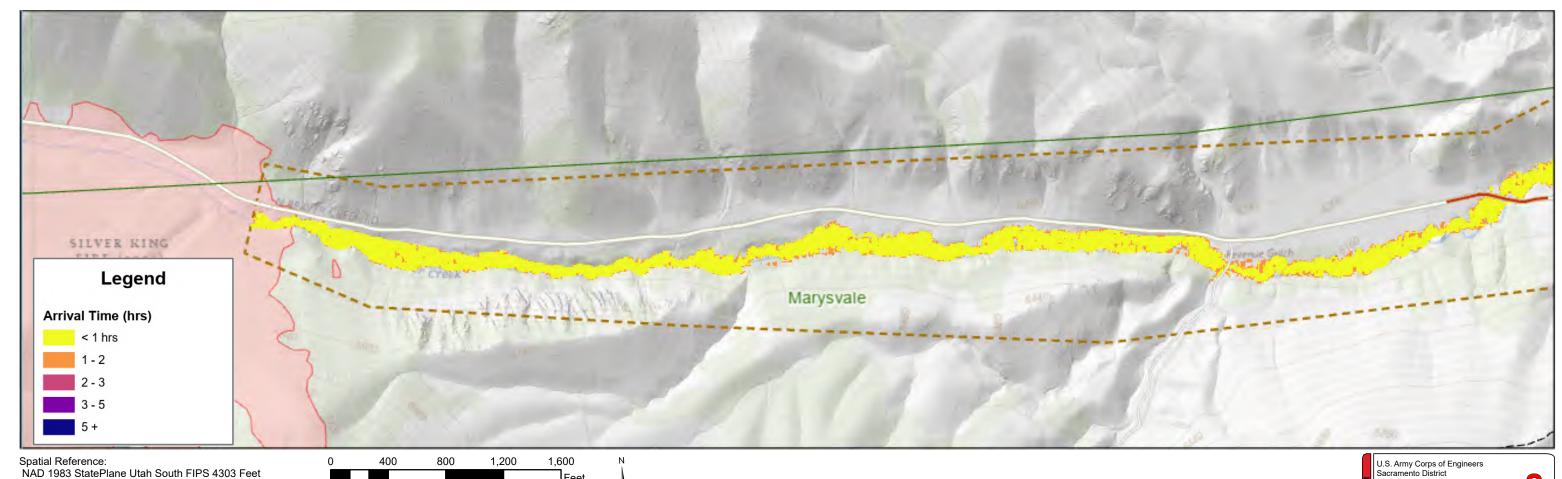
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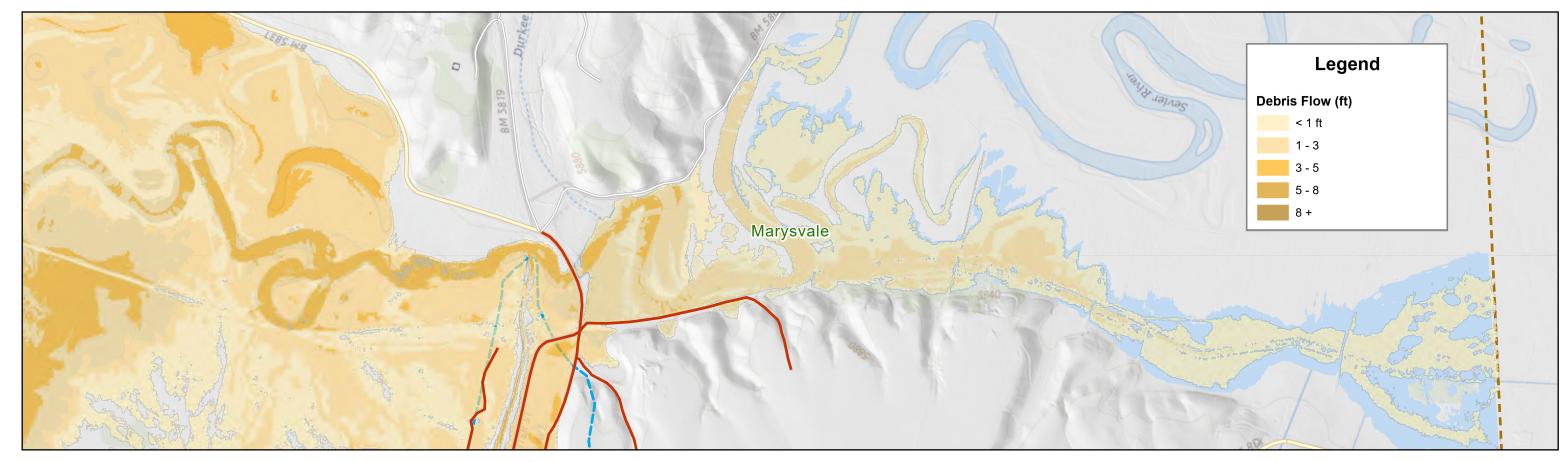
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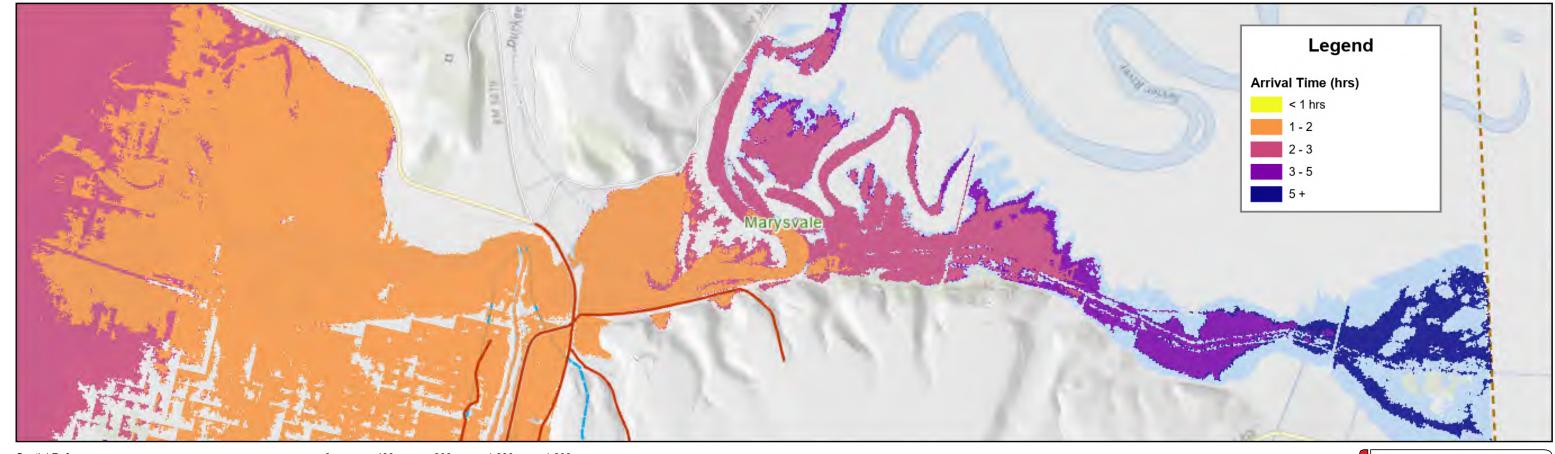


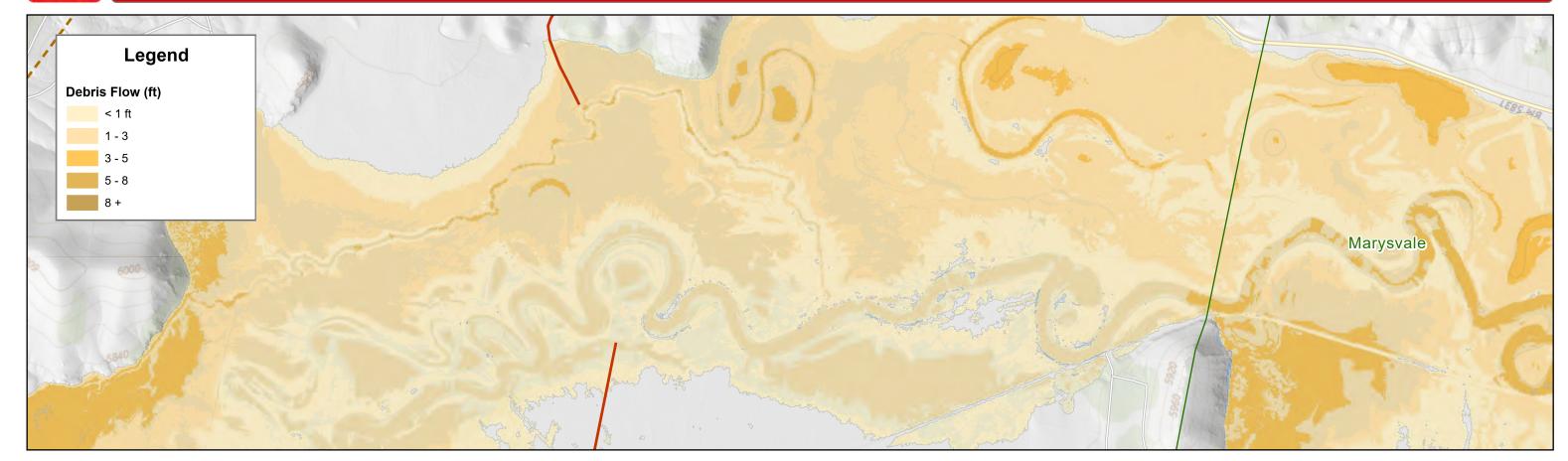


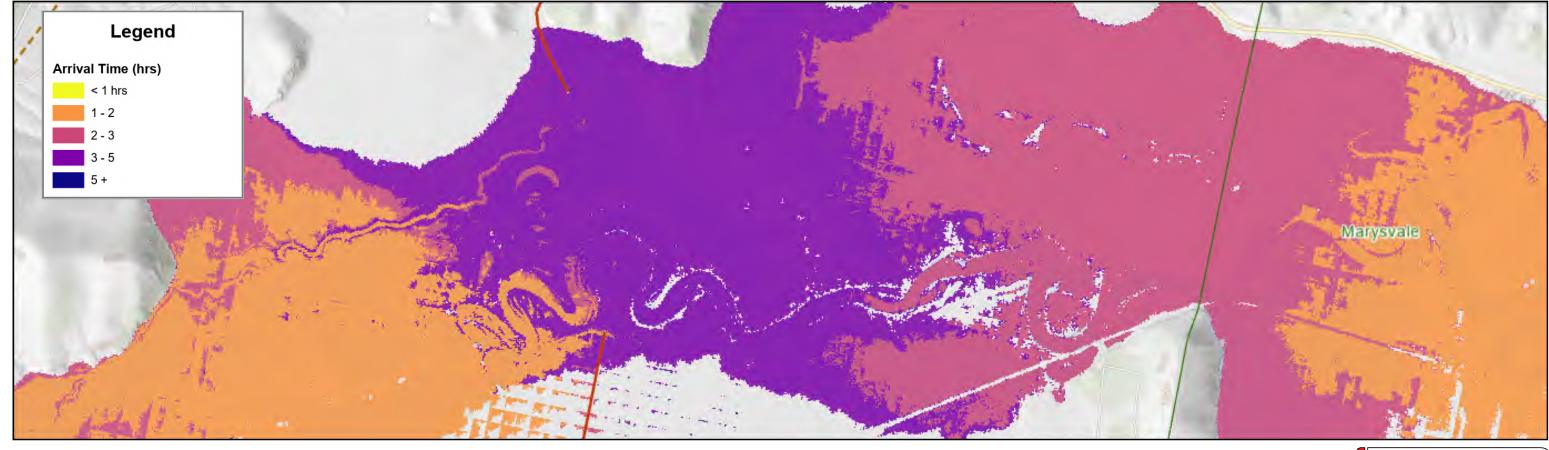




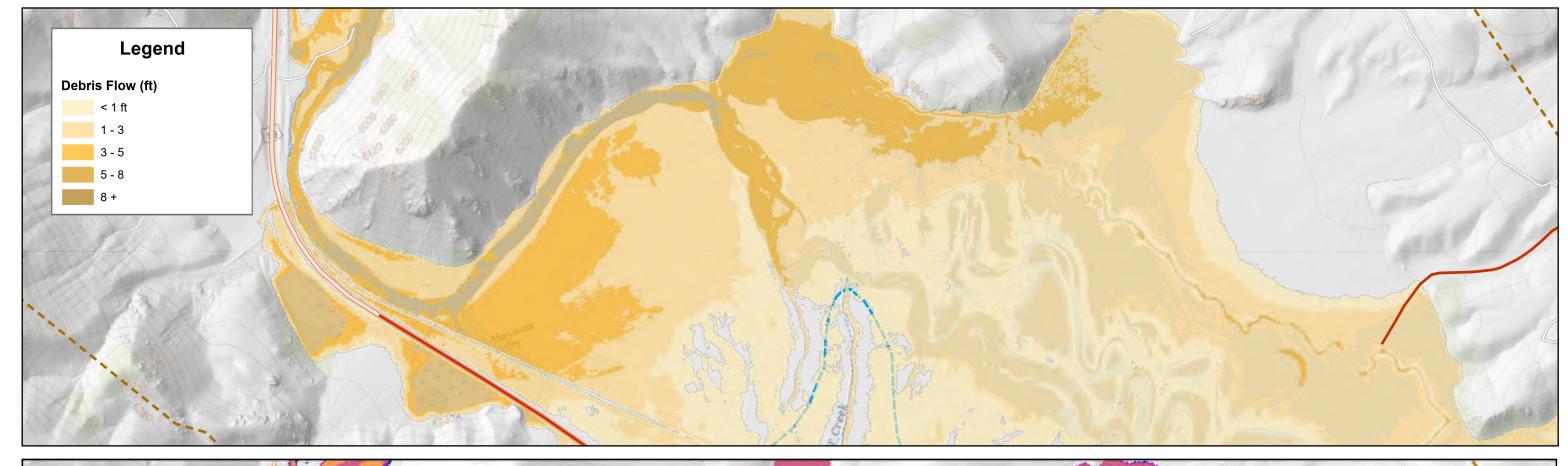


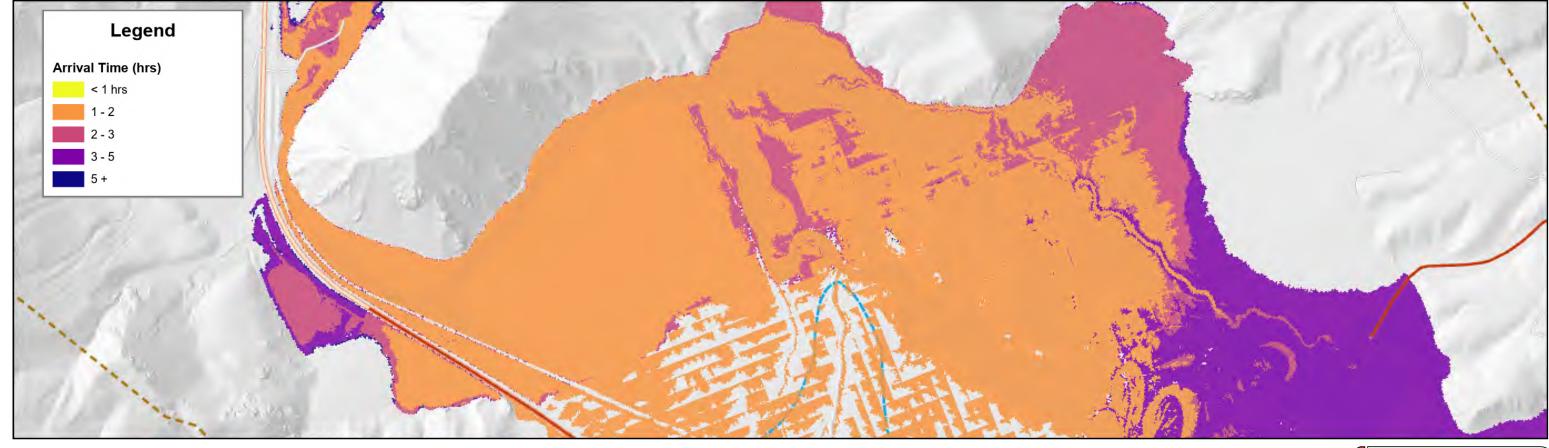




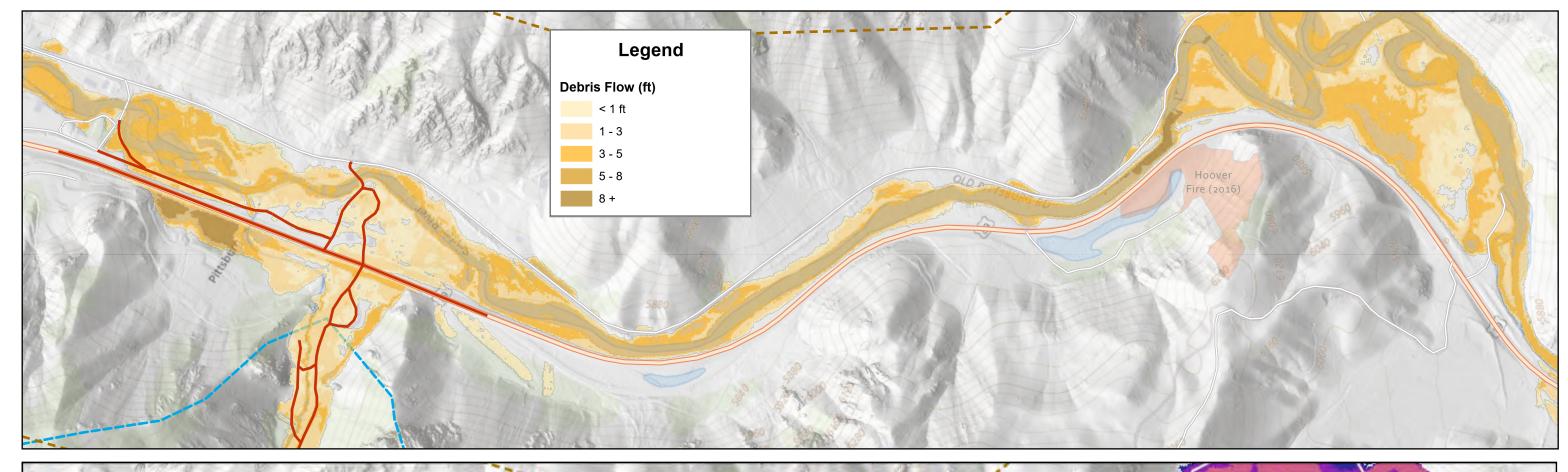


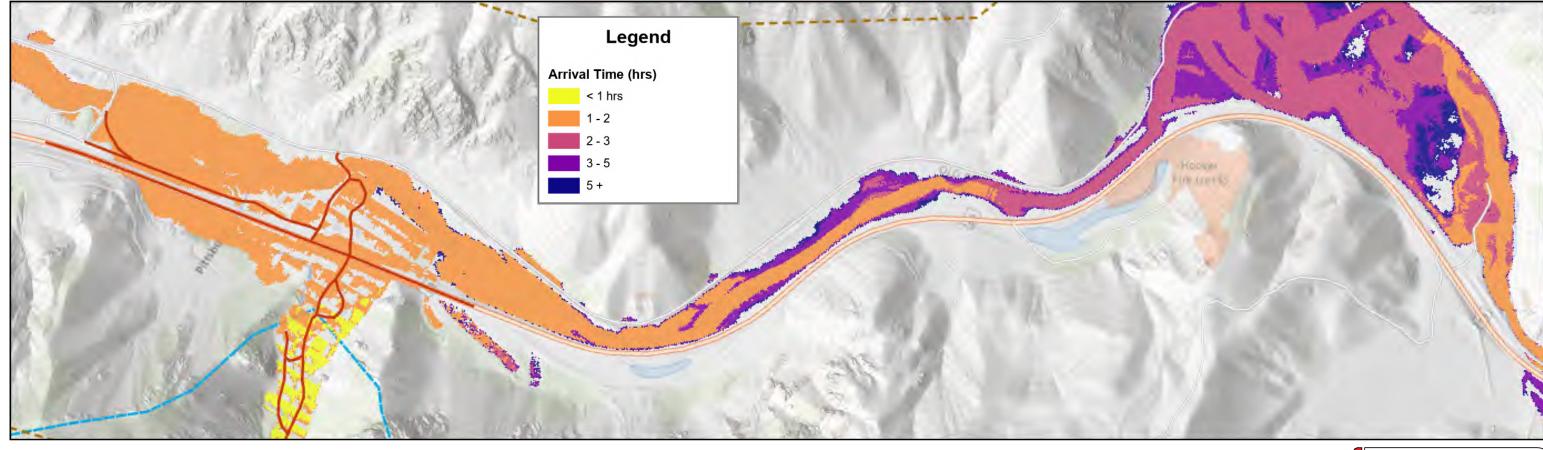




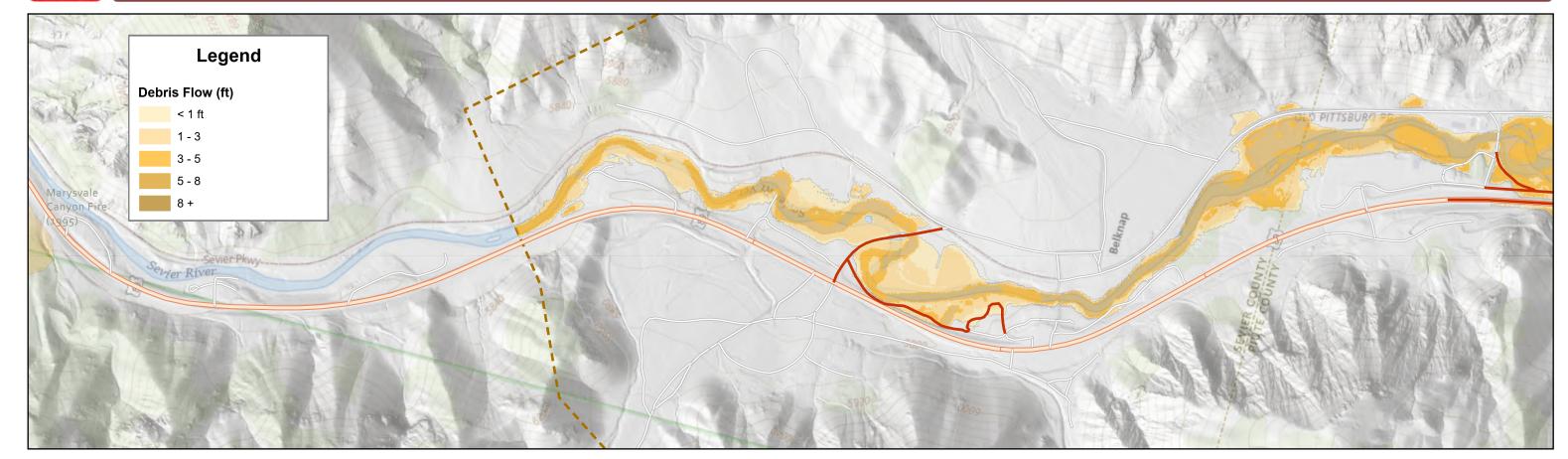


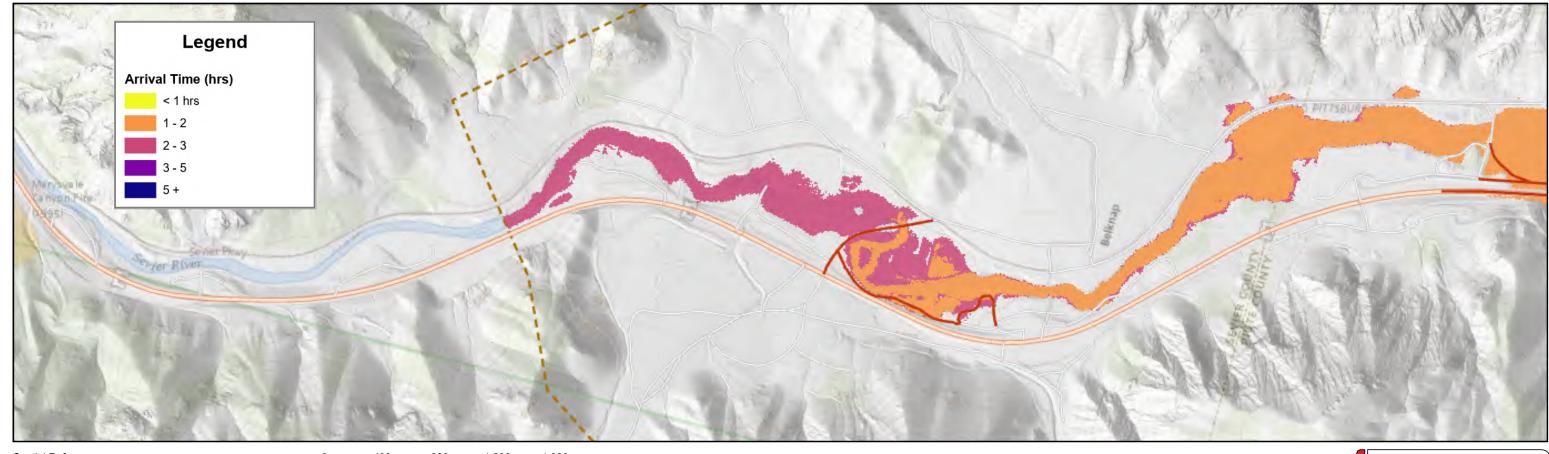




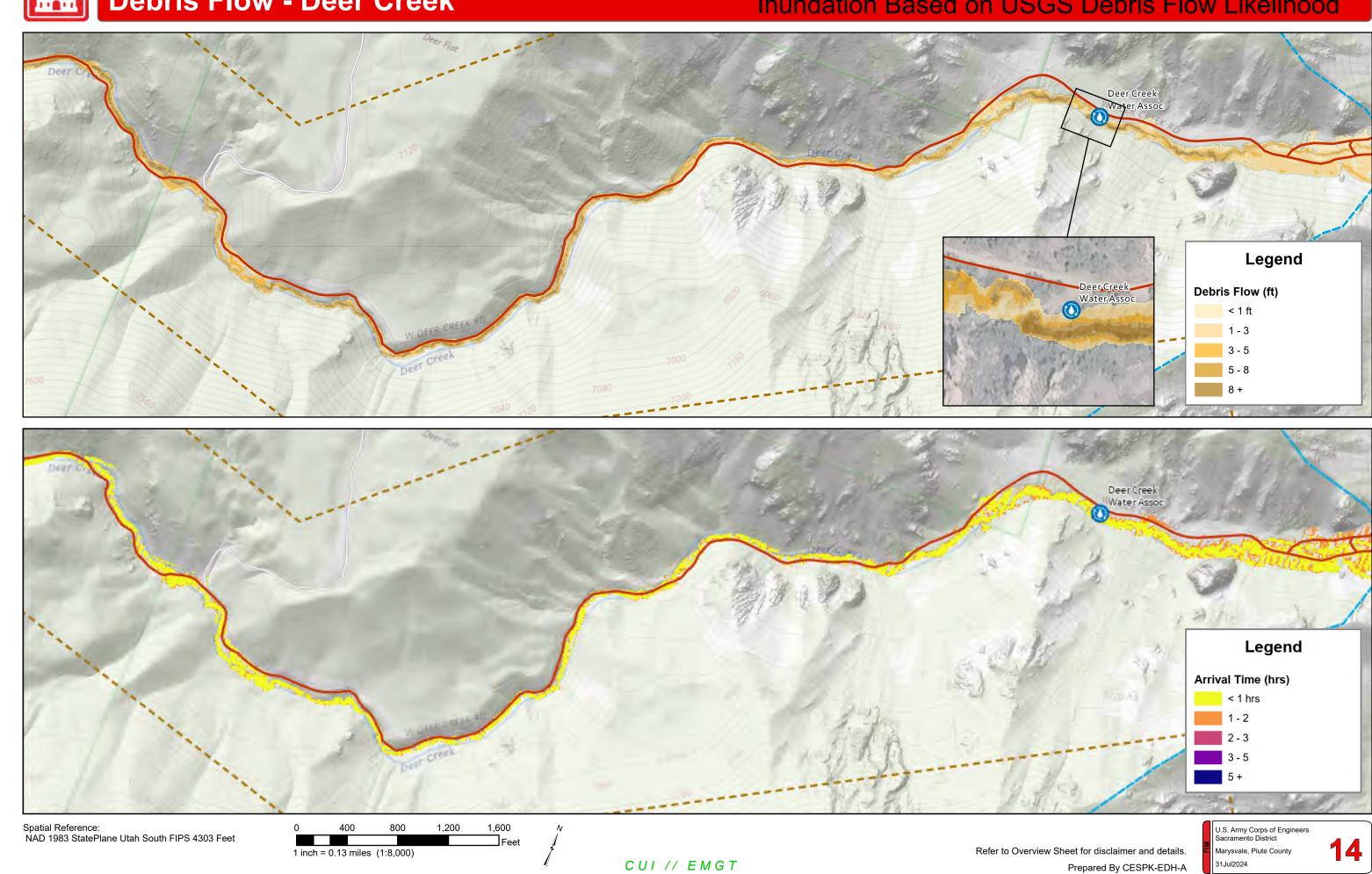












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