



MISSOURI RIVER BASIN WEEKLY UPDATE

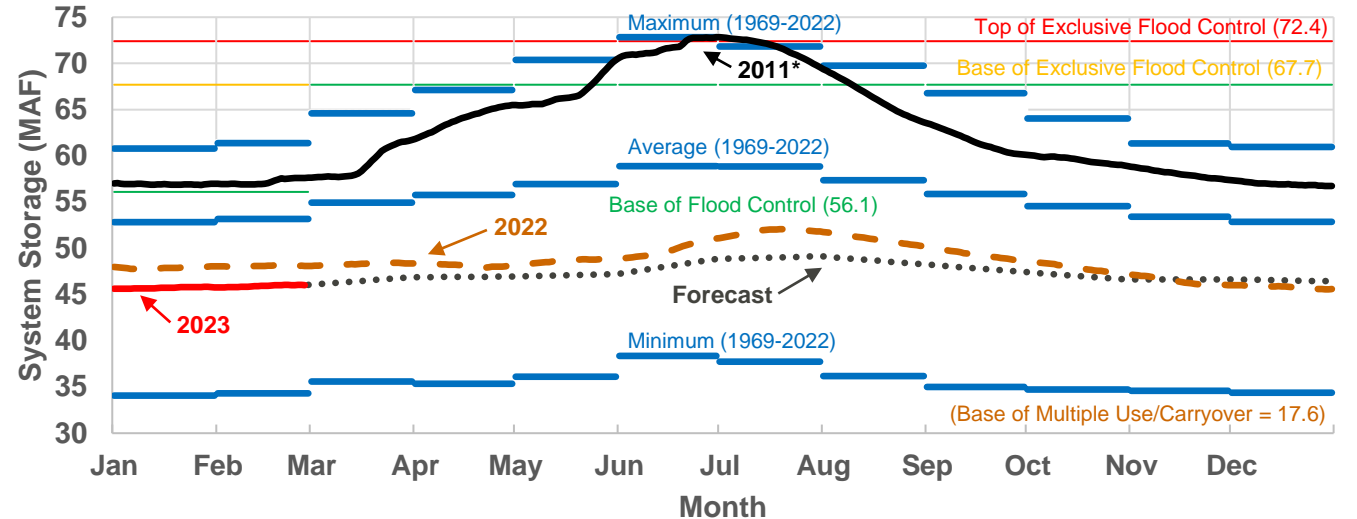
28 FEBRUARY 2023



Mainstem Reservoir Status

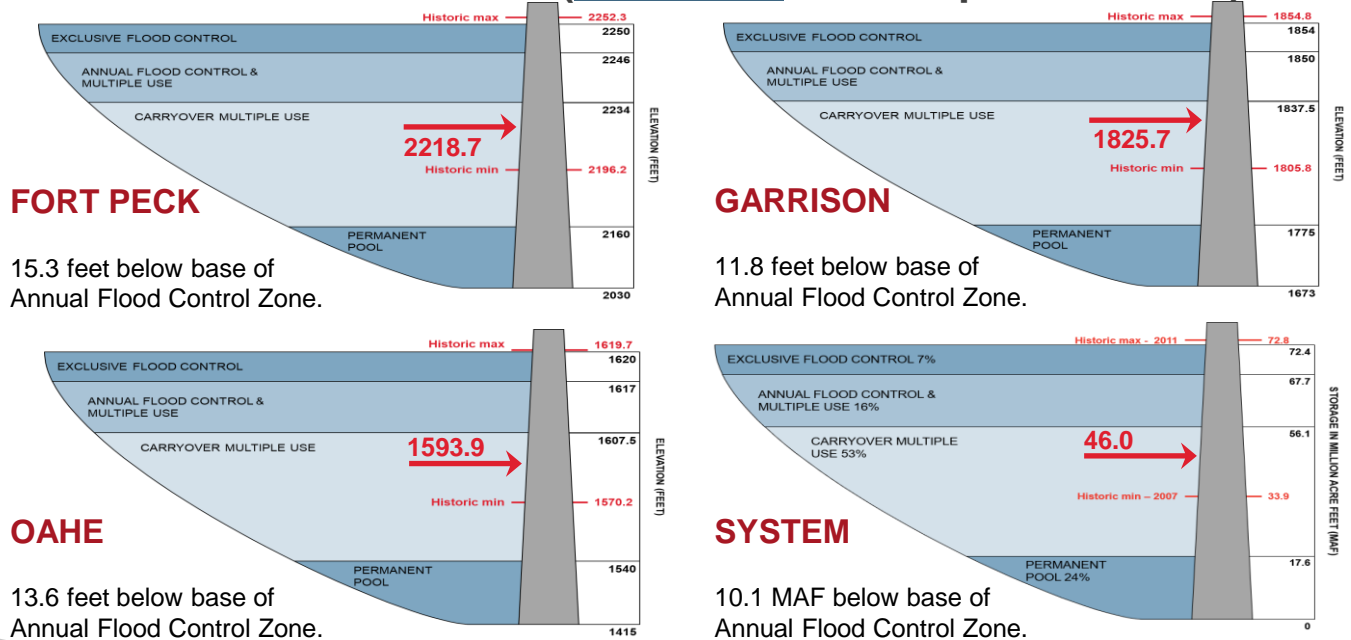
- System storage is 46.0 MAF, the same storage as last week (upper right). For the February monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases are at the winter release rate of 12,000 cfs. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck (104% of average) and from Fort Peck to Garrison (102% of average) as of February 27 ([click here](#)).
- Good plains snow coverage still exists across eastern South Dakota and much of North Dakota (lower right). Current snow water equivalent values in this area are above average to much above average for this time of year. No significant melt is expected in the upcoming week due to cooler temperatures moving into the Basin.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

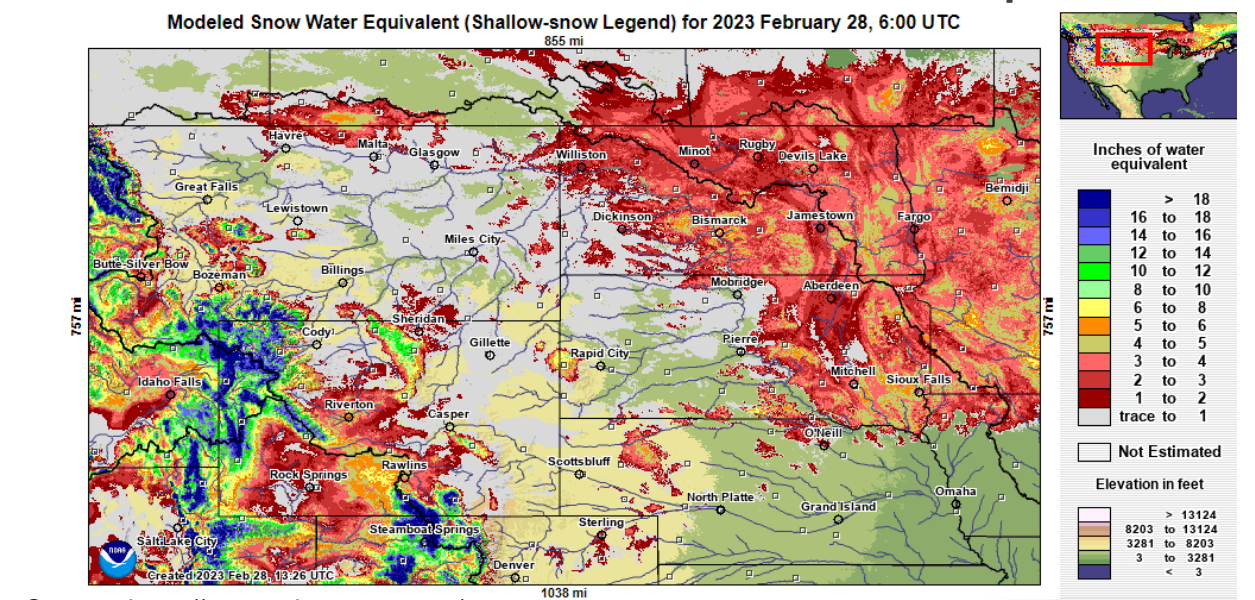


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA NOHRSC: Feb 28 Modeled Snow Water Equivalent



Source: <https://www.nohrsc.noaa.gov/>



MISSOURI RIVER BASIN WEEKLY UPDATE

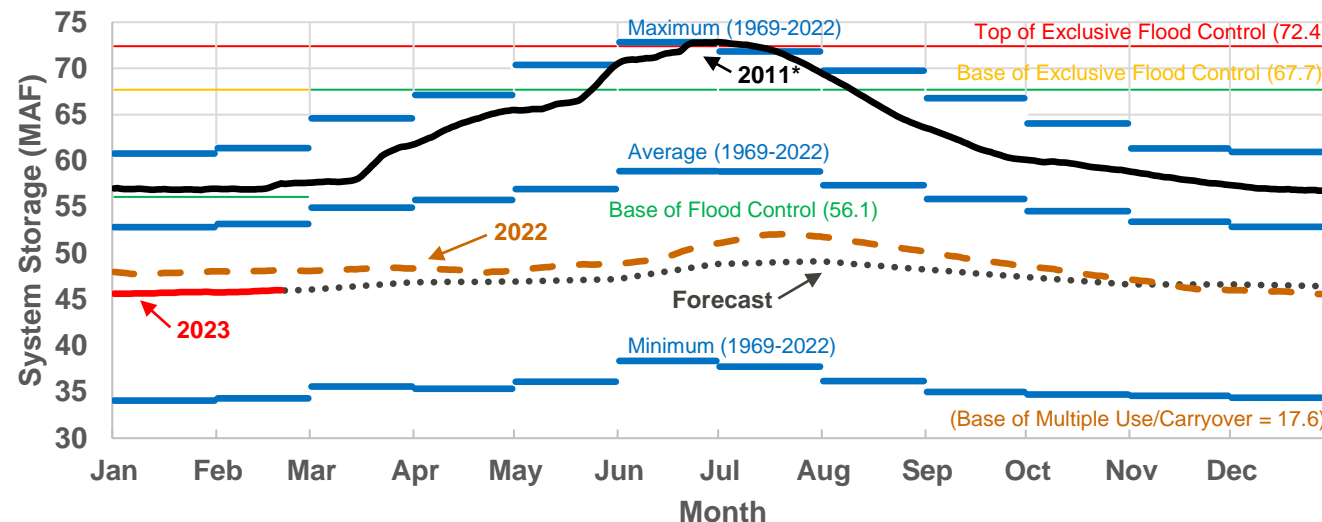
21 FEBRUARY 2023



Mainstem Reservoir Status

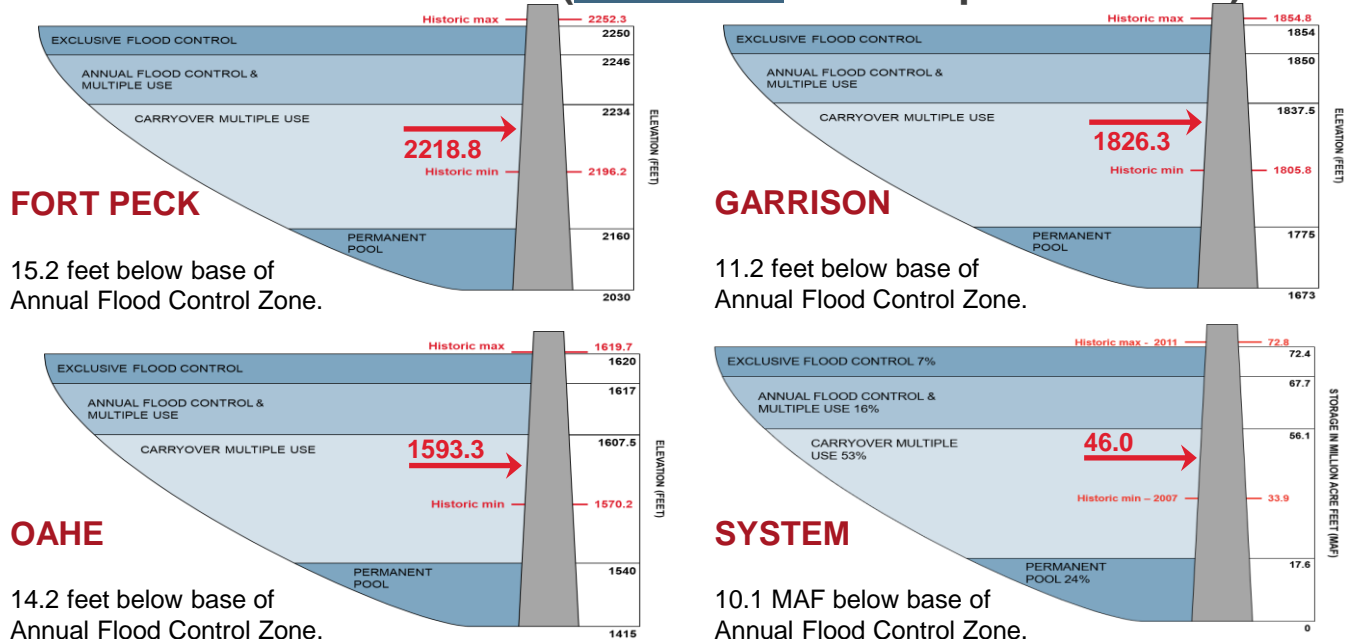
- System storage is 46.0 MAF, 0.1 MAF more than last week (upper right). For the monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases are at the winter release rate of 12,000 cfs. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck (105% of average) and from Fort Peck to Garrison (98% of average) as of February 20 ([click here](#)).
- Some plains snowpack melted last week; however, 1-4 inches of snow water equivalent still covers much of North Dakota and eastern South Dakota, and some parts of Nebraska ([click here](#)).
- The updated seasonal drought outlook shows much of the Basin should see drought improvement or removal over the next 3.5 months (lower right).
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison



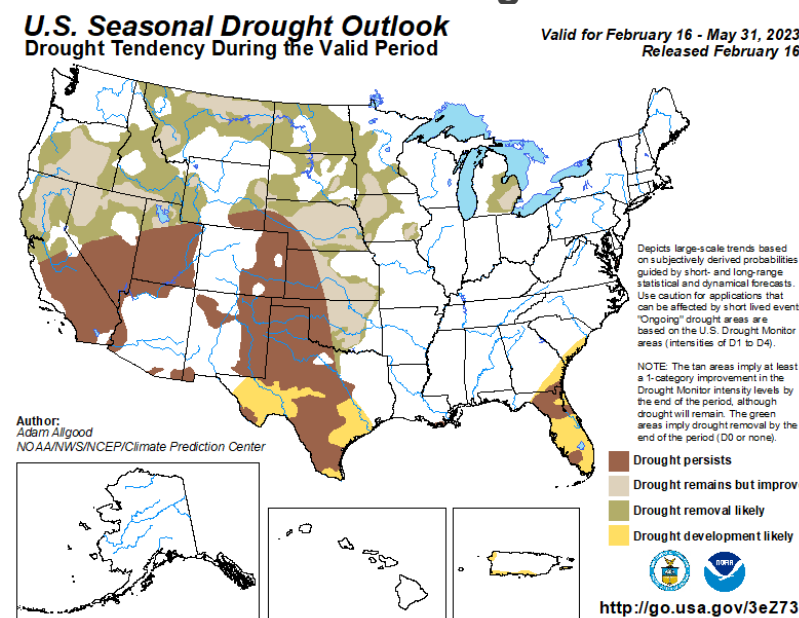
*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA Climate Prediction Center: Seasonal Drought Outlook

Valid Feb 16 – May 31, 2023





MISSOURI RIVER BASIN WEEKLY UPDATE

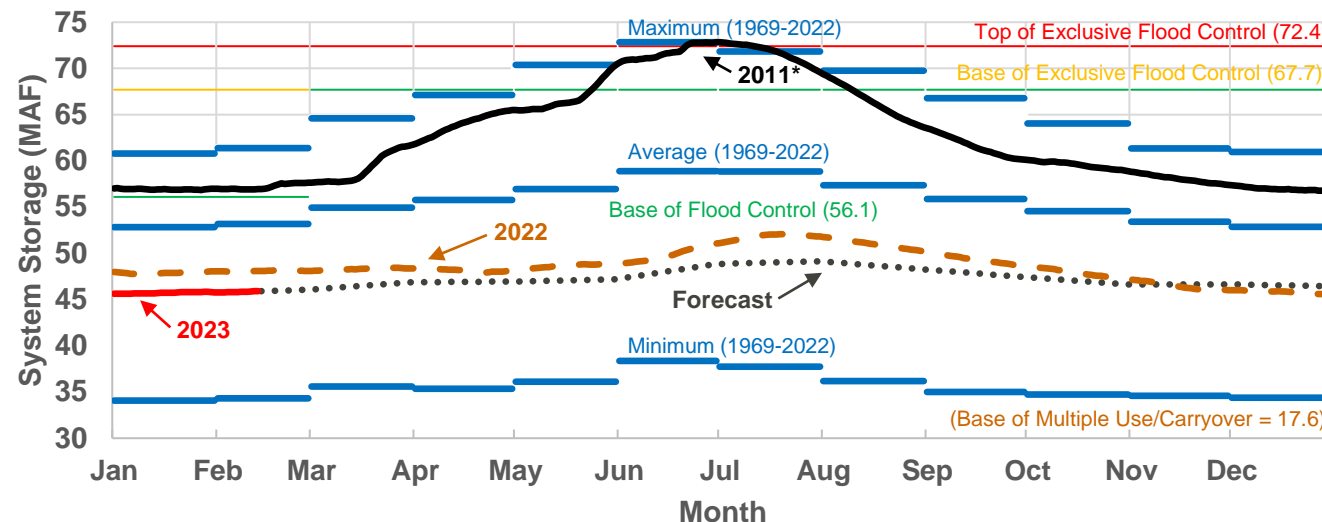
14 FEBRUARY 2023



Mainstem Reservoir Status

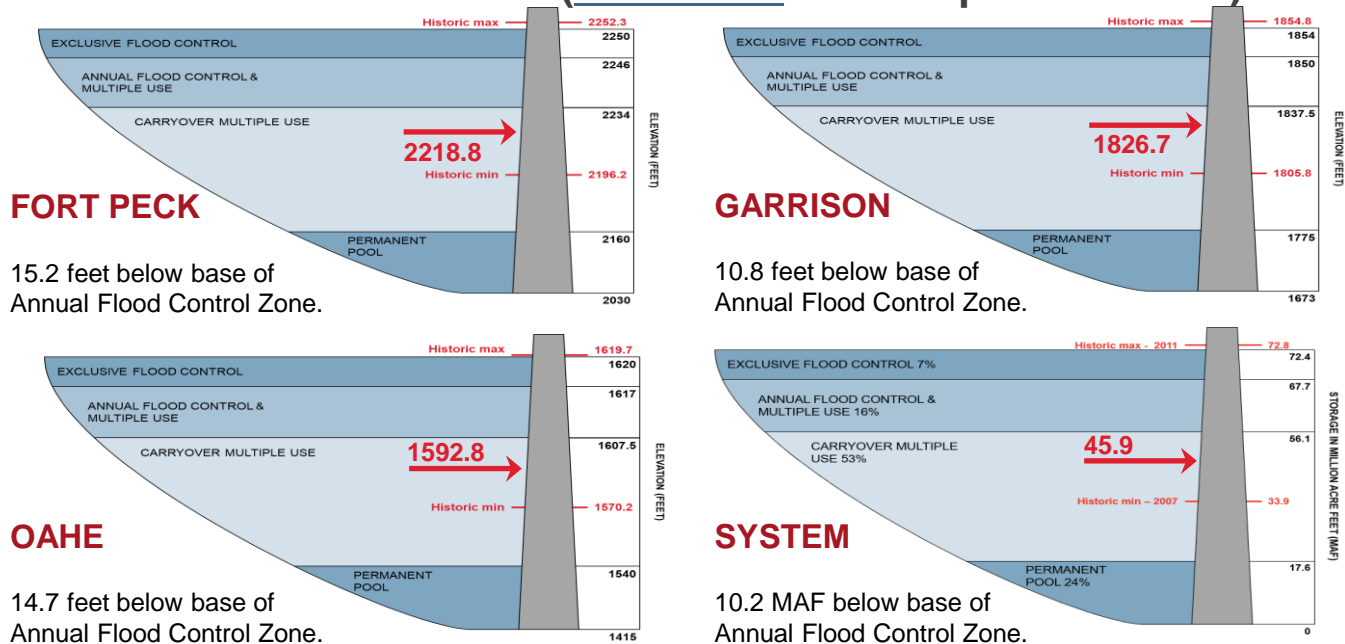
- System storage is 45.9 MAF, 0.1 MAF more than last week (upper right). For the February monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases are at the winter release rate of 12,000 cfs. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck (100% of average) and from Fort Peck to Garrison (94% of average) as of February 12 ([click here](#)).
- Much of the plains snowpack is gone from Montana, southwestern North Dakota, western South Dakota, and Nebraska (lower right). The areas in the Dakotas and Nebraska that still have snow cover show 1-4" of snow water equivalent (SWE). Some localized areas in the Dakotas still show up to 5" of SWE.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

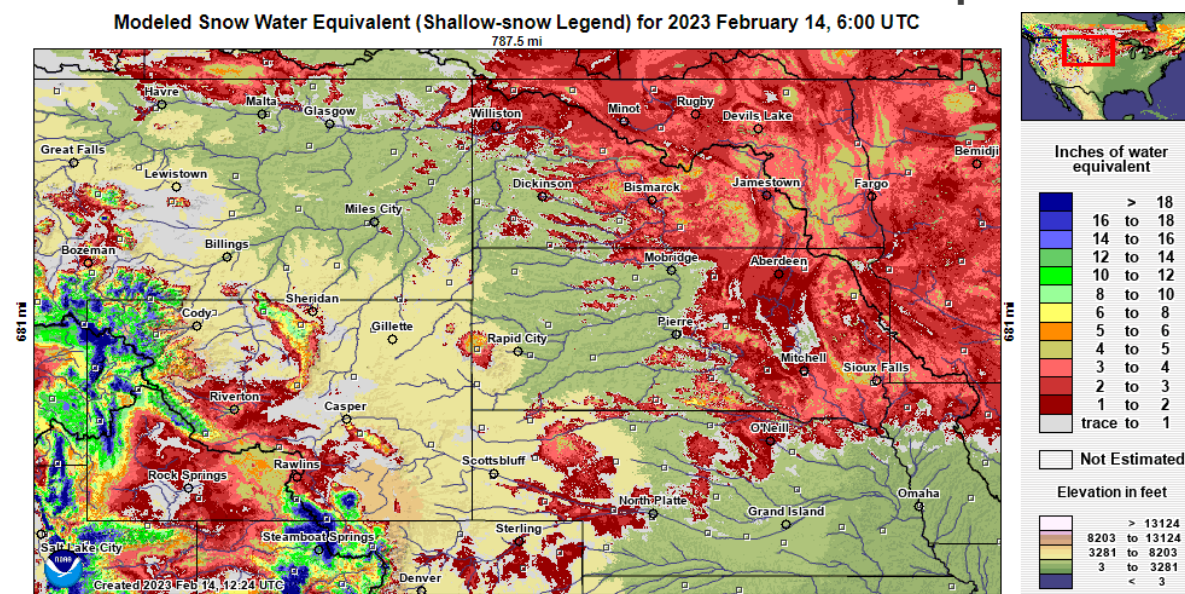


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA NOHRSC: Feb 14 Modeled Snow Water Equivalent



Source: <https://www.nohrsc.noaa.gov//>



MISSOURI RIVER BASIN WEEKLY UPDATE

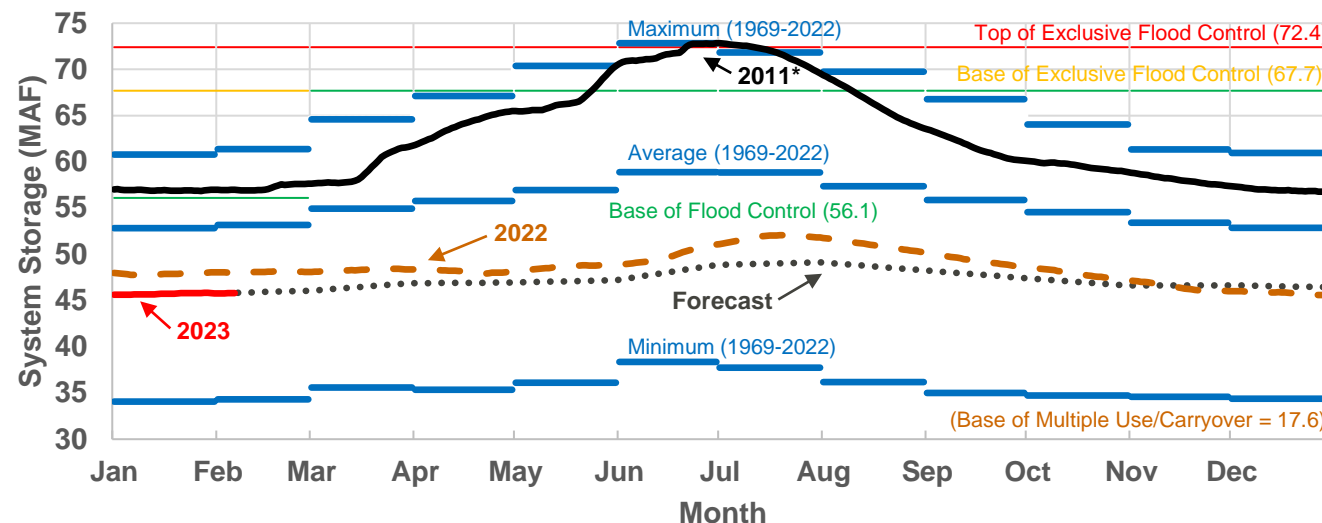
7 FEBRUARY 2023



Mainstem Reservoir Status

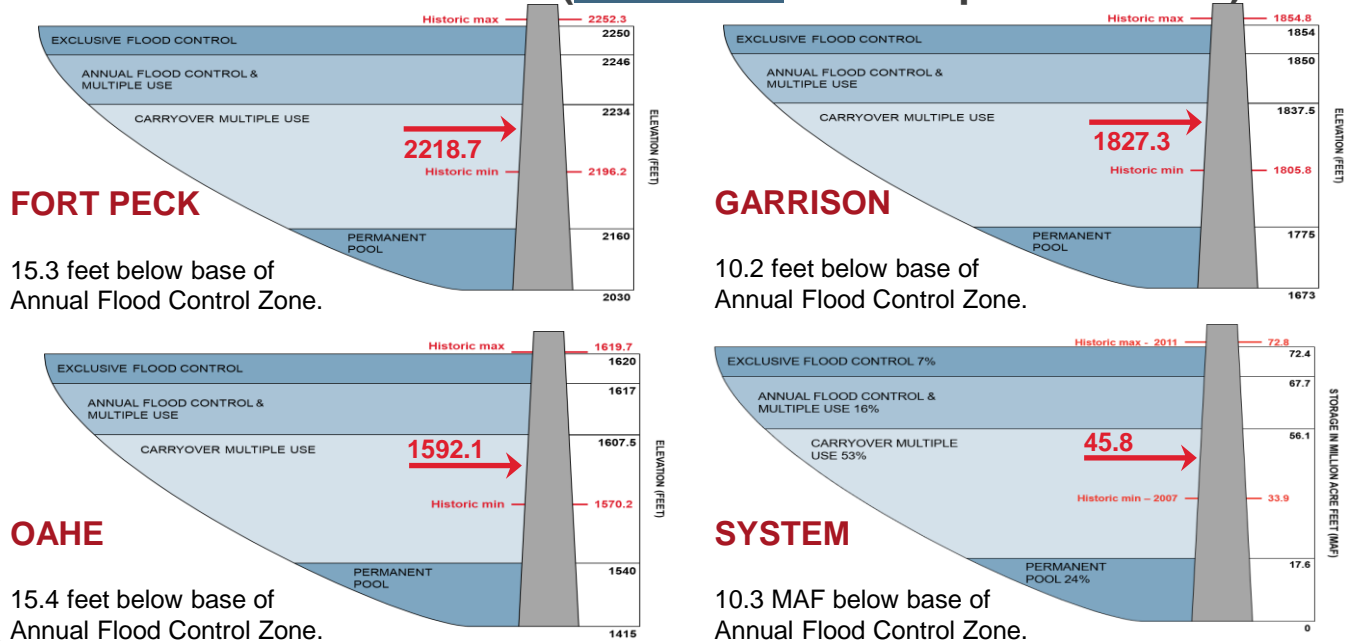
- System storage is 45.8 MAF, the same storage as last week (upper right). The 2023 calendar year forecast for the Missouri River Basin above Sioux City, updated February 1, is 21.1 MAF, 82% of average. For the February monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases will be reduced back to the winter release of 12,000 cfs today, February 7. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck and from Fort Peck to Garrison ([click here](#)).
- Some of the plains snowpack has melted with the warmer temperatures the past week (lower right). Widespread snow water equivalent amounts of 2-4" still exist in North Dakota and eastern South Dakota.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

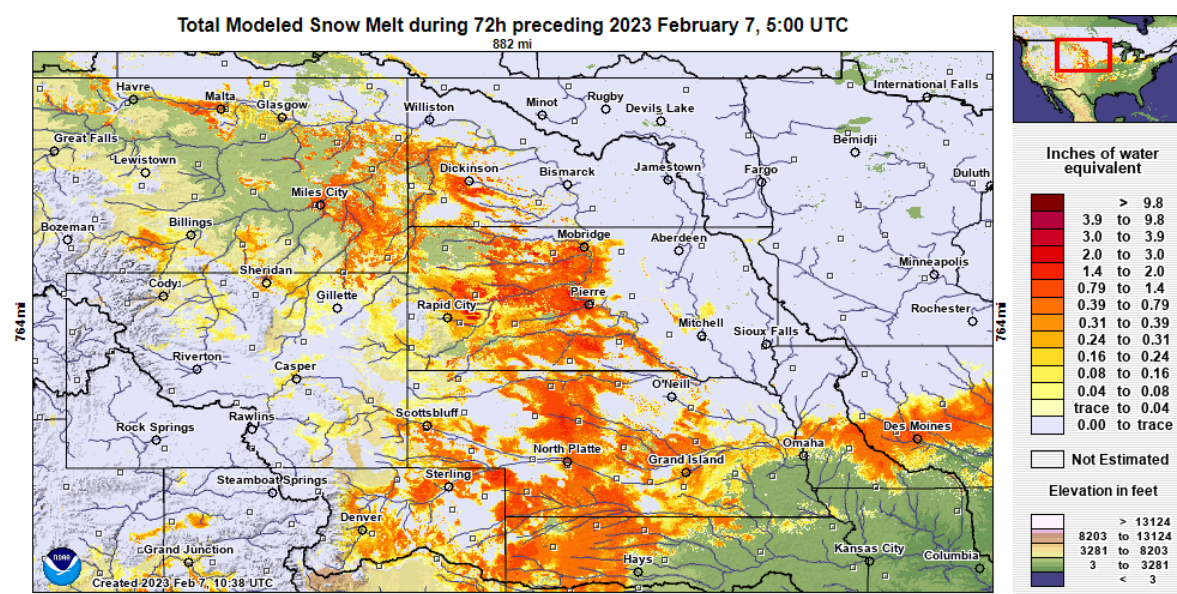


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA NOHRSC: Feb 7 Modeled 72-hr Snow Melt



Source: <https://www.nohrsc.noaa.gov/>



MISSOURI RIVER BASIN WEEKLY UPDATE

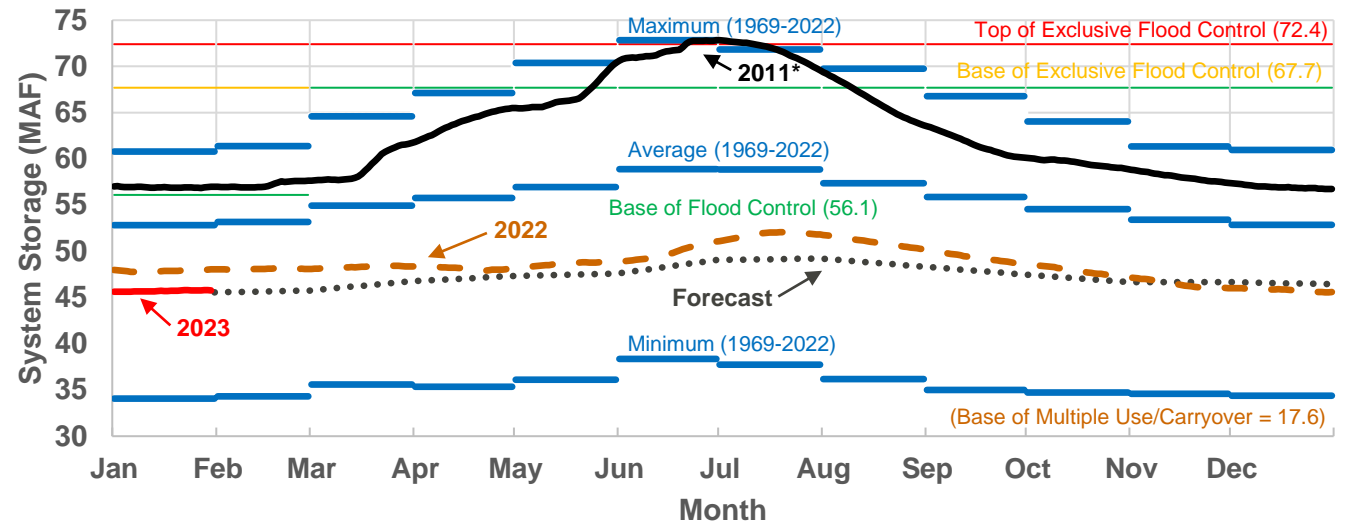
31 JANUARY 2023



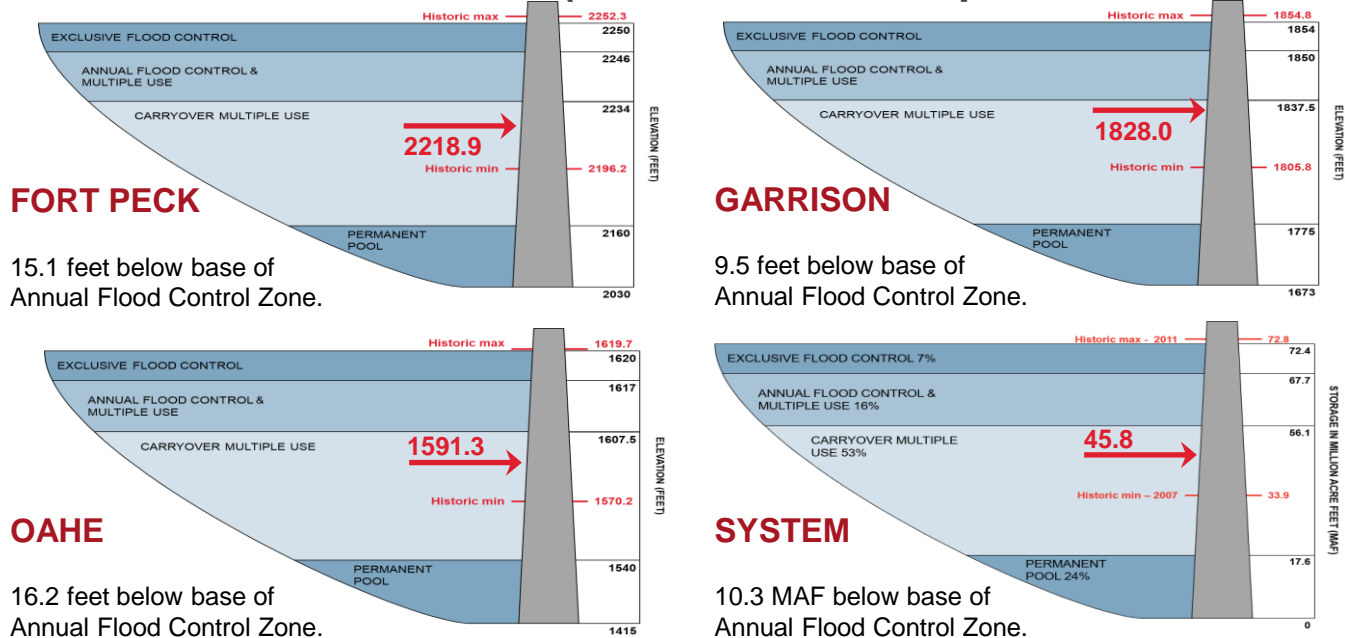
Mainstem Reservoir Status

- System storage is 45.8 MAF, 0.1 MAF above last week (upper right). For the Jan monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases were increased to 14,000 cfs on January 25 due to expected cold temperatures. Releases are currently forecasted to hold at 14,000 cfs until February 3, when they will be stepped back down to the winter release rate of 12,000 cfs. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck and from Fort Peck to Garrison ([click here](#)).
- Plains snowpack continues to be above normal in the Basin (lower right). Widespread snow water equivalent (SWE) amounts of 2-4" exist in the Dakotas, eastern Montana, and into Nebraska and northwest Iowa. Pockets of 4-5" of SWE are modeled in parts of the Dakotas.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

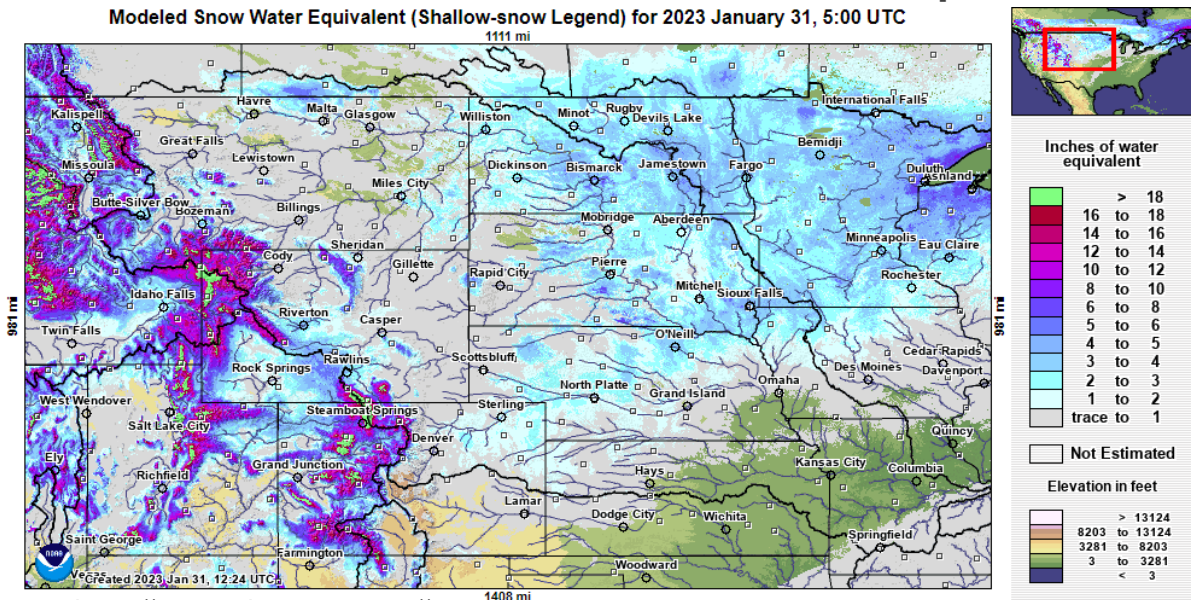
System Storage Comparison



Current Reservoir Levels ([Click Here for Comparison Plots](#))



NOAA NOHRSC: Jan 31 Modeled Snow Water Equivalent



Source: <https://www.nohrsc.noaa.gov/>



MISSOURI RIVER BASIN WEEKLY UPDATE

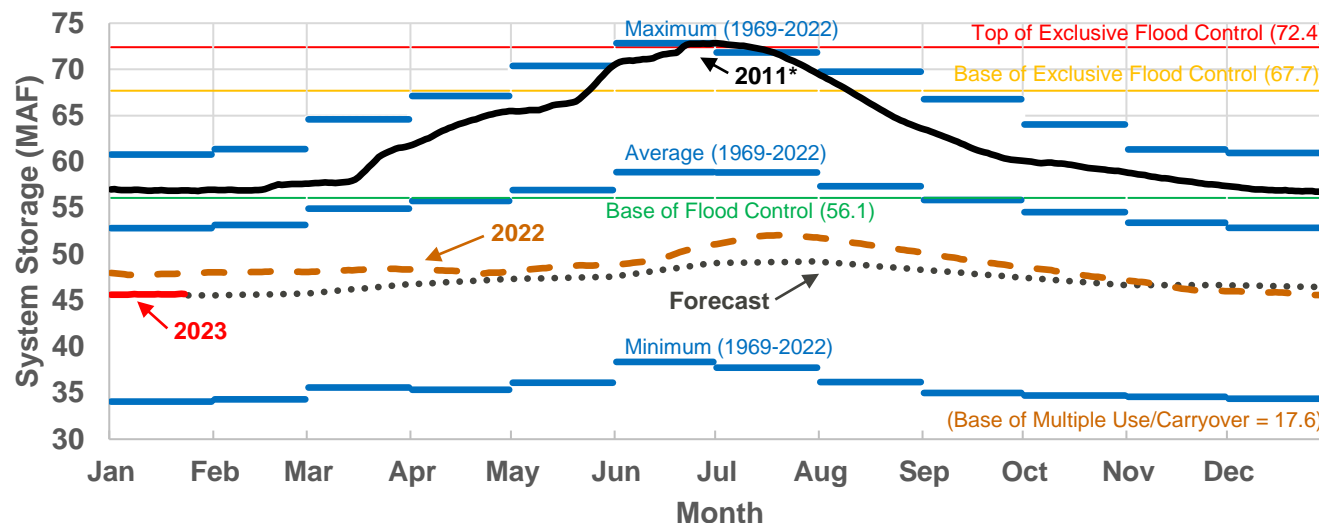
24 JANUARY 2023



Mainstem Reservoir Status

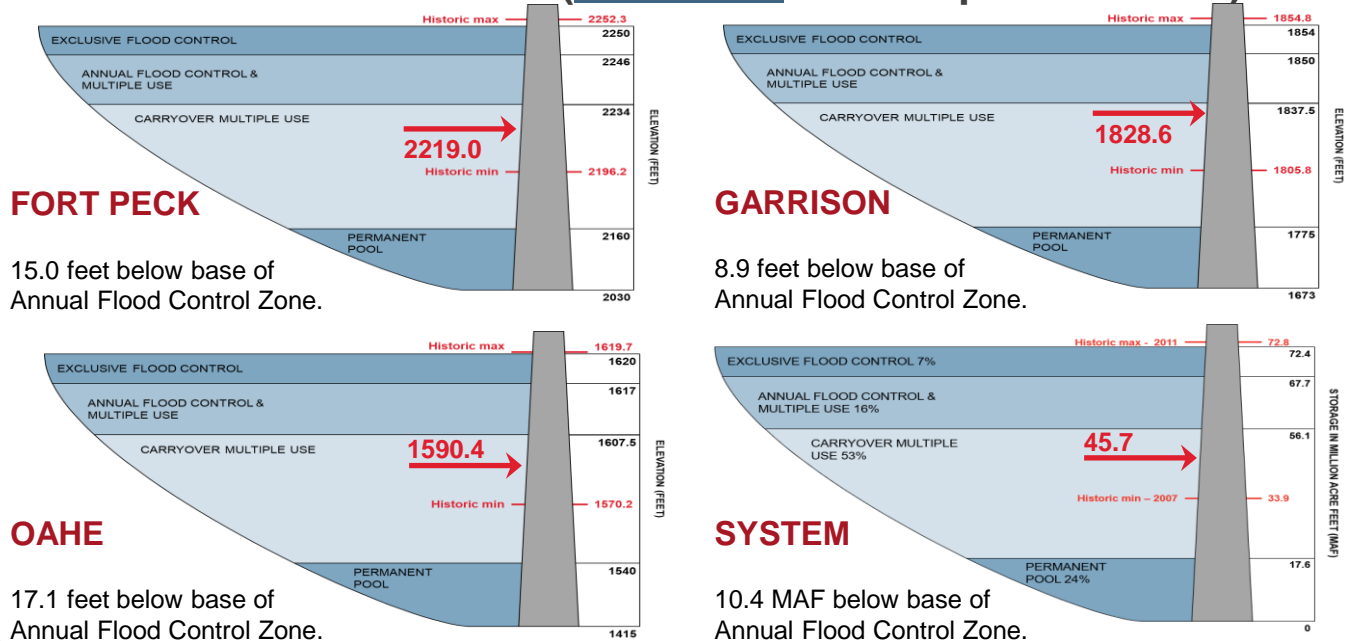
- System storage is 45.7 MAF, the same as last week (upper right). For the January monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases are at the winter release rate of 12,000 cfs. Due to forecasted cold temperatures, releases are currently forecasted to increase tomorrow to 14,000 cfs and hold until Feb 1. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Below-normal temperatures are expected to extend further south into the Basin over the next two weeks, which could lead to additional ice formation (lower right).
- Mountain snowpack is near average for both the reaches above Fort Peck and from Fort Peck to Garrison ([click here](#)).
- Plains snowpack continues to be above-normal for this time of year, compared to the 18-year median ([click here](#)).
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

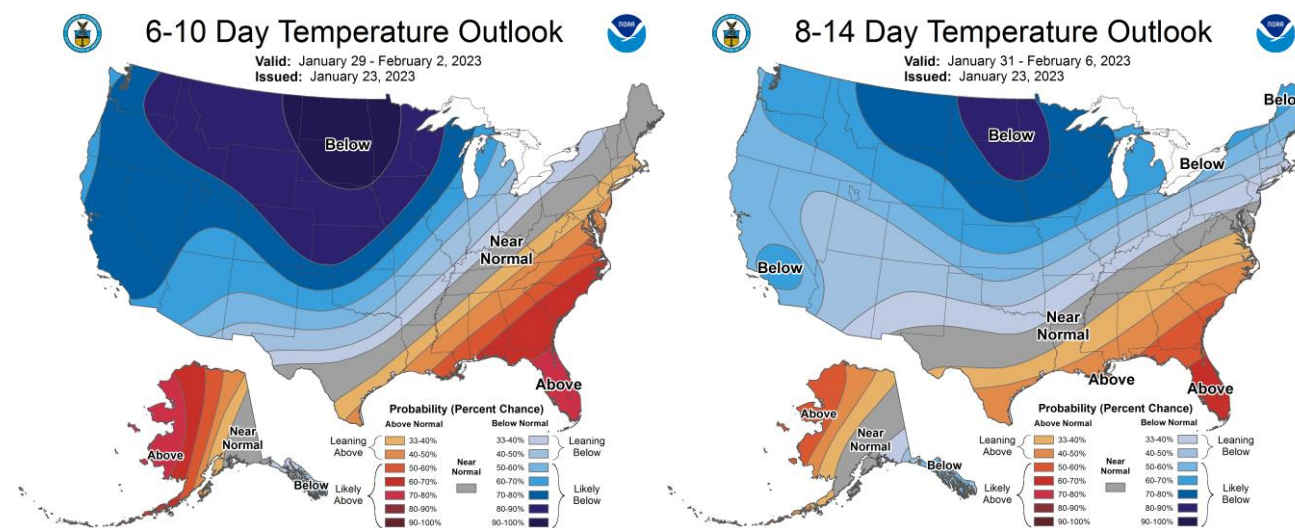


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA Climate Prediction Center: Temperature Outlooks



Source: <https://www.cpc.ncep.noaa.gov/>



MISSOURI RIVER BASIN WEEKLY UPDATE

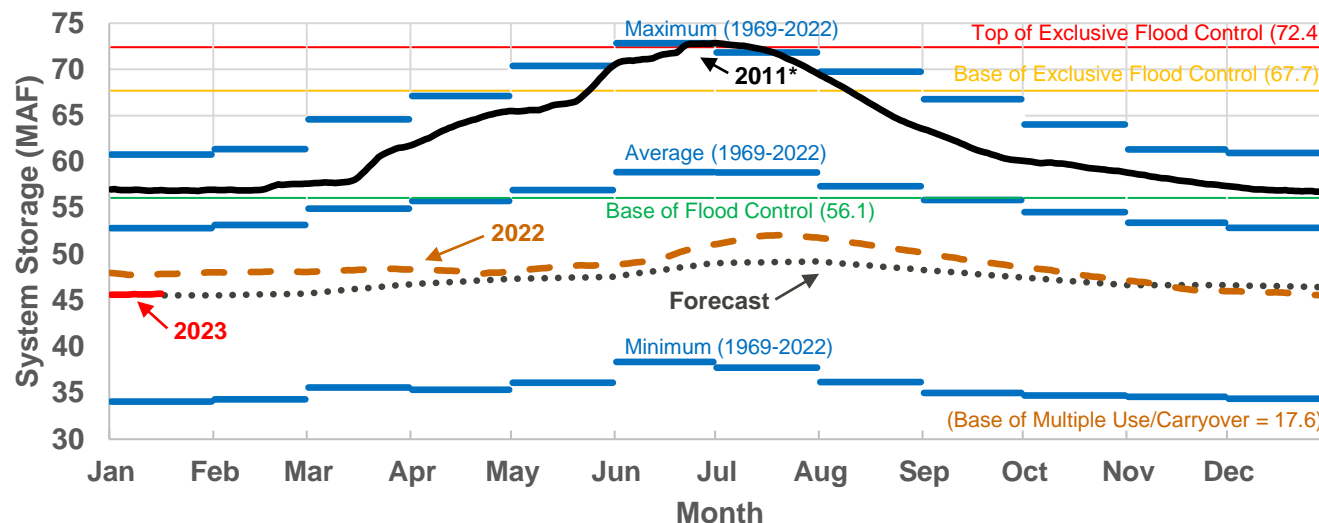
17 JANUARY 2023



Mainstem Reservoir Status

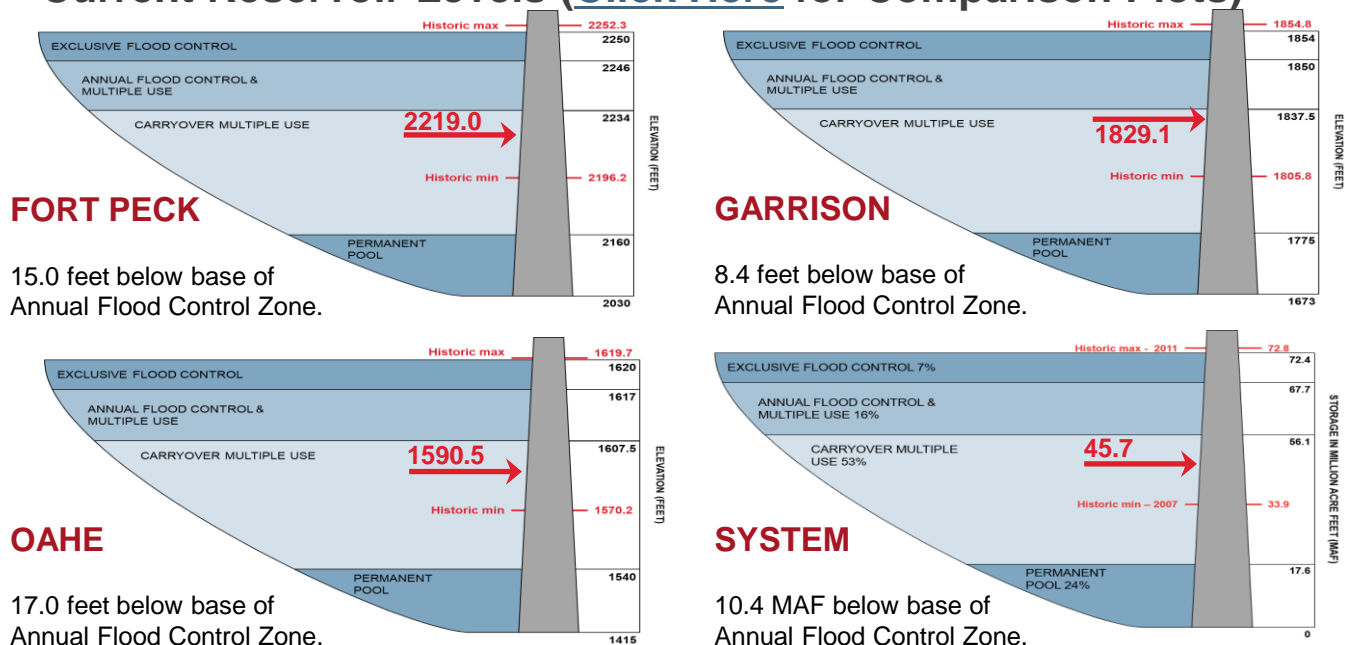
- System storage is 45.7 MAF, the same as last week (upper right). For the January monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- The 2022-2023 Final AOP was posted to the website ([click here](#)).
- Gavins Point releases were reduced to the winter release rate of 12,000 cfs on January 13. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- A winter storm is forecast to impact southern and eastern South Dakota, Nebraska, and Iowa over the next few days. Much of Nebraska could receive 8 to 12" of snow, and freezing rain and ice could impact southeastern Nebraska and southwestern Iowa (lower right).
- Mountain snowpack is near average for both the reaches above Fort Peck and from Fort Peck to Garrison ([click here](#)).
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

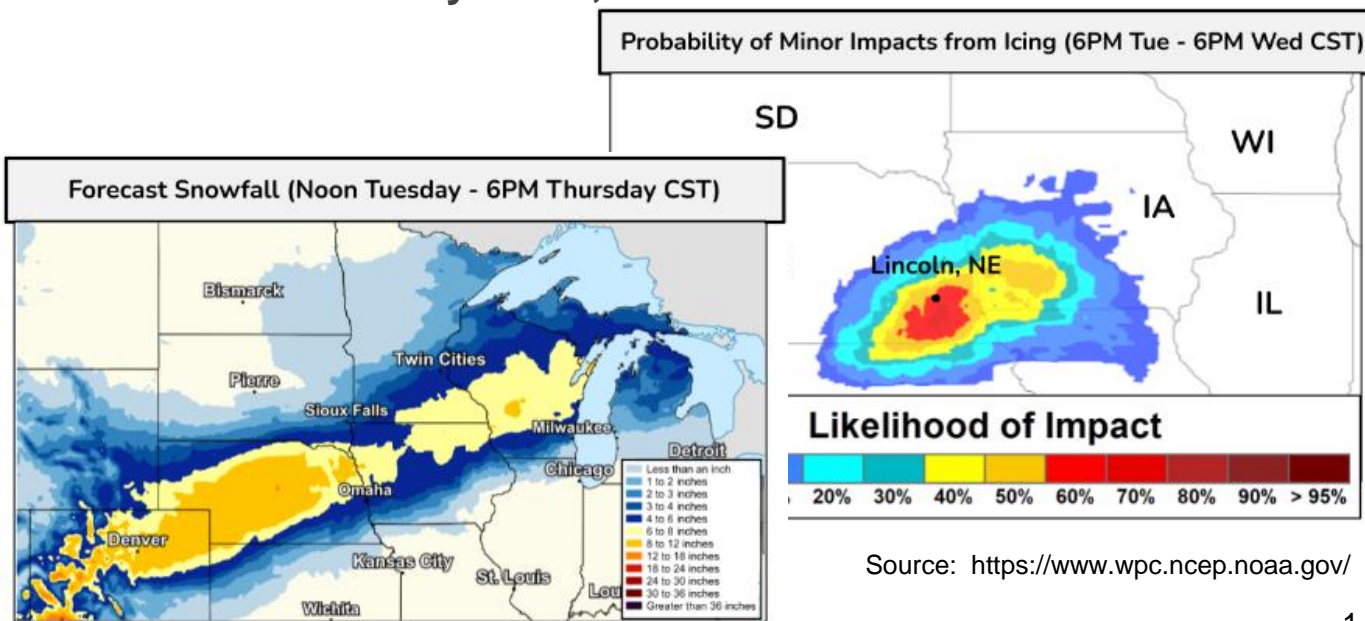


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here for Comparison Plots](#))



Winter Storm: January 17-19, 2023



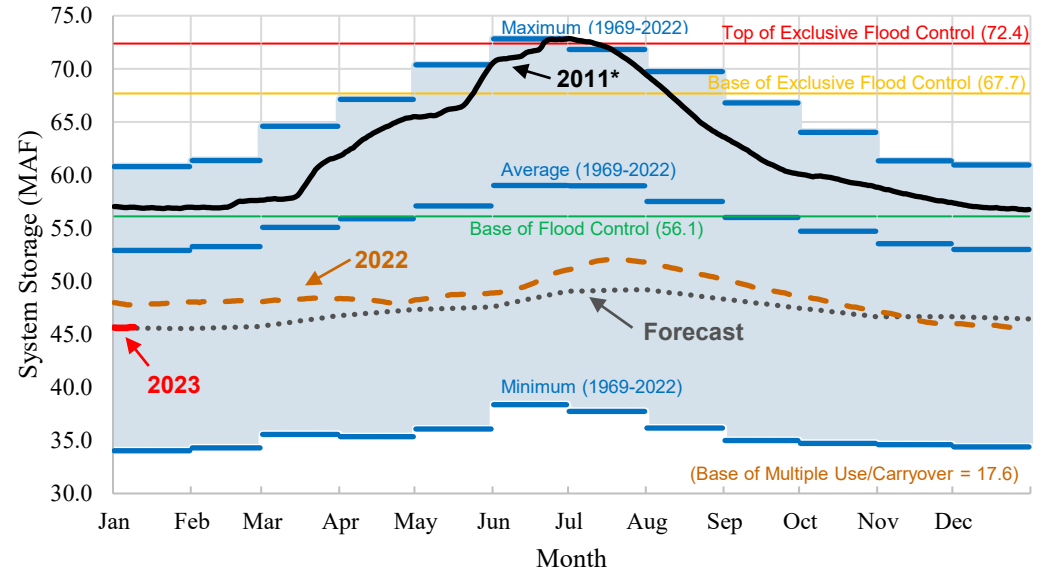
Source: <https://www.wpc.ncep.noaa.gov/>

Missouri River Basin – Update – 10 January 2023

Mainstem Reservoir Status:

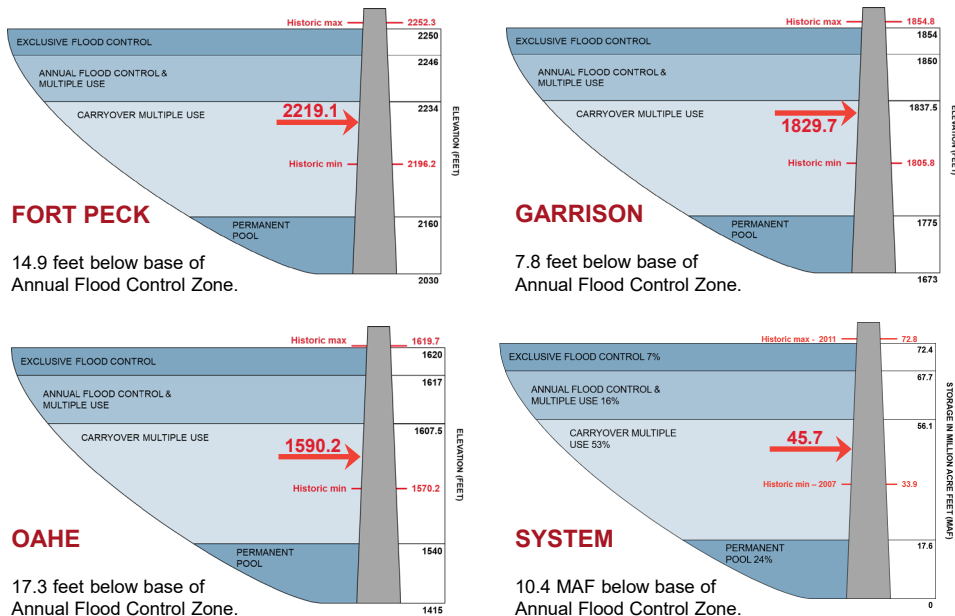
- ❖ System storage is 45.7 MAF, 0.1 MAF more than last week (upper right). For the January monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- ❖ The 2022-2023 Final AOP was posted to the website ([click here](#)).
- ❖ Gavins Point releases will be reduced to 13,000 today and are scheduled to be reduced to the winter release of 12,000 cfs on January 13. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- ❖ Plains snowpack above normal for this time of year (lower right). Two to 5” of snow water equivalent (SWE) is modeled across the Dakotas and into eastern Montana. Much of Nebraska has between trace and 2” of SWE.
- ❖ Mountain snowpack is near average for both the reaches above Fort Peck and from Fort Peck to Garrison ([click here](#)).
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

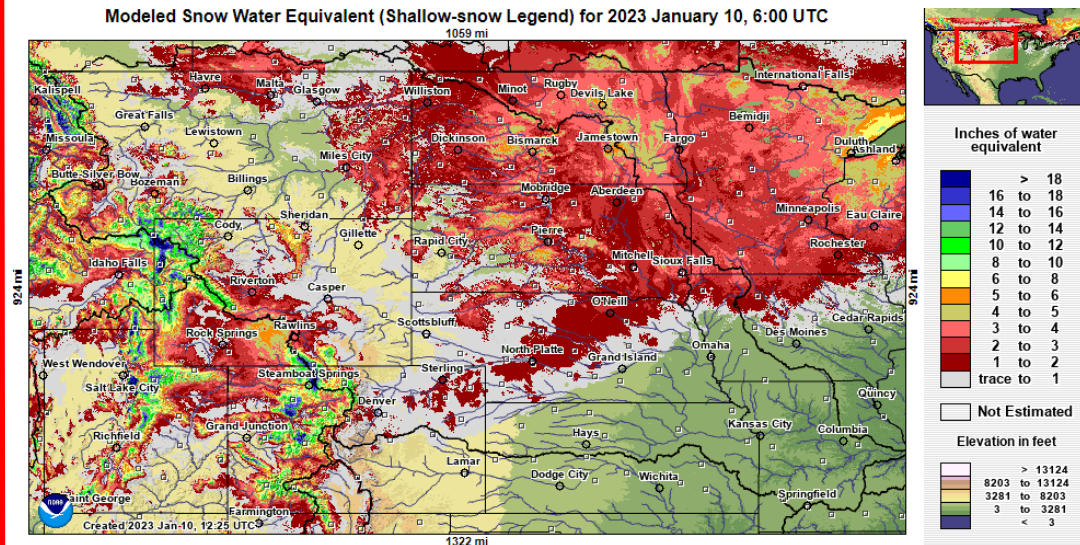


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels



Plains Snowpack January 10, 2023



[Click Here](#) for Latest 3-Week Forecast

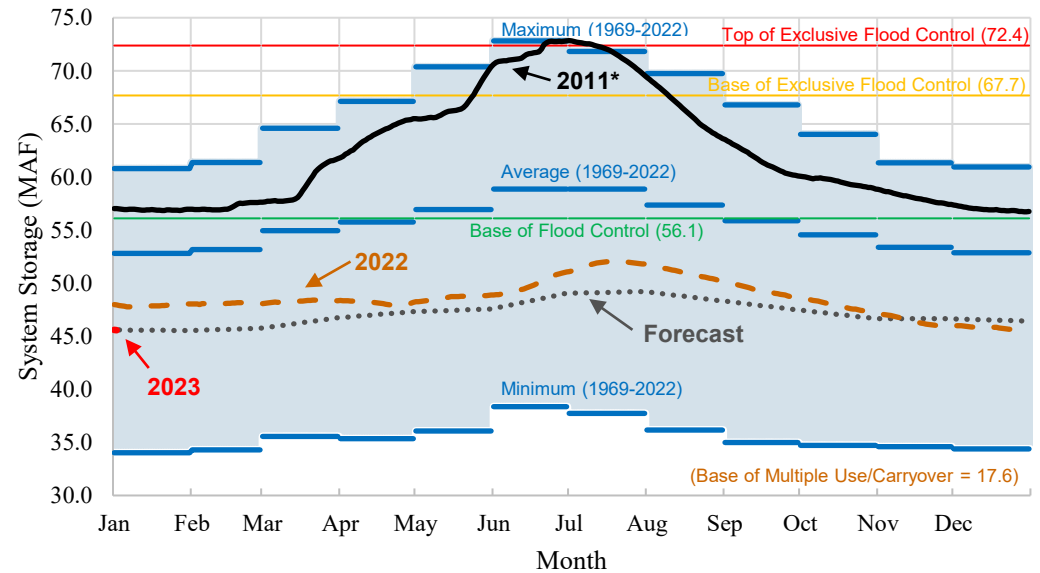
[Click Here](#) for Comparison Plots

Missouri River Basin – Update – 3 January 2023

Mainstem Reservoir Status:

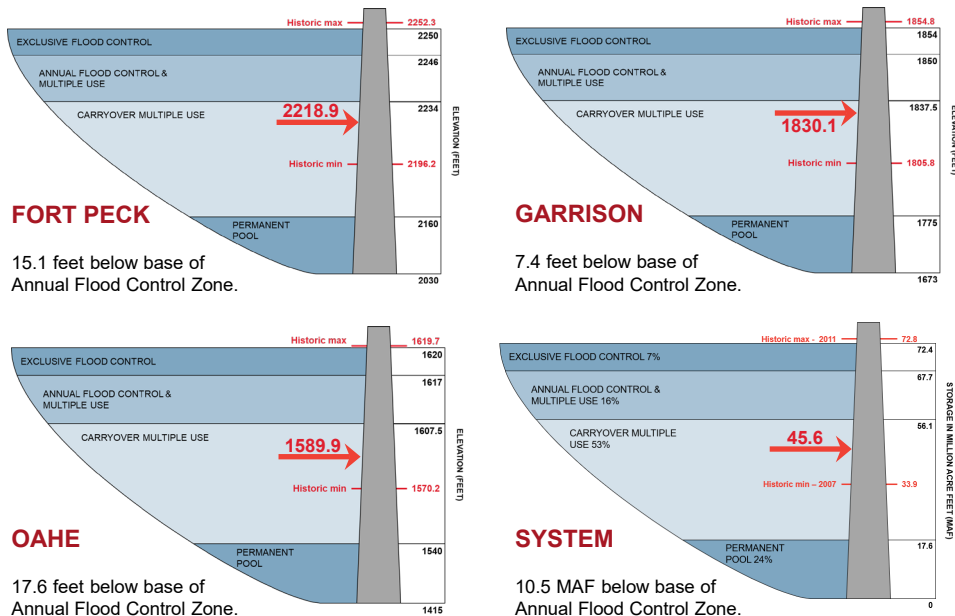
- ❖ System storage is 45.6 MAF, the same storage as last week (upper right). The 2023 calendar year forecast for the Missouri River Basin above Sioux City, updated January 3, is 20.8 MAF, 81% of average. For the January monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- ❖ The 2022-2023 Final AOP was posted to the website ([click here](#)).
- ❖ The current Gavins Point release is 14,000 cfs due to extreme cold temperatures in the Basin. Releases are currently forecast to drop back down to the winter release of 12,000 cfs on January 9. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- ❖ Plains snowpack is widespread and above normal for this time of year (lower right). Over 2” of snow water equivalent (SWE) is modeled across the Dakotas and into eastern Montana. Over 3” of SWE exists across most of the central Dakotas with pockets of up to 6” of SWE.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

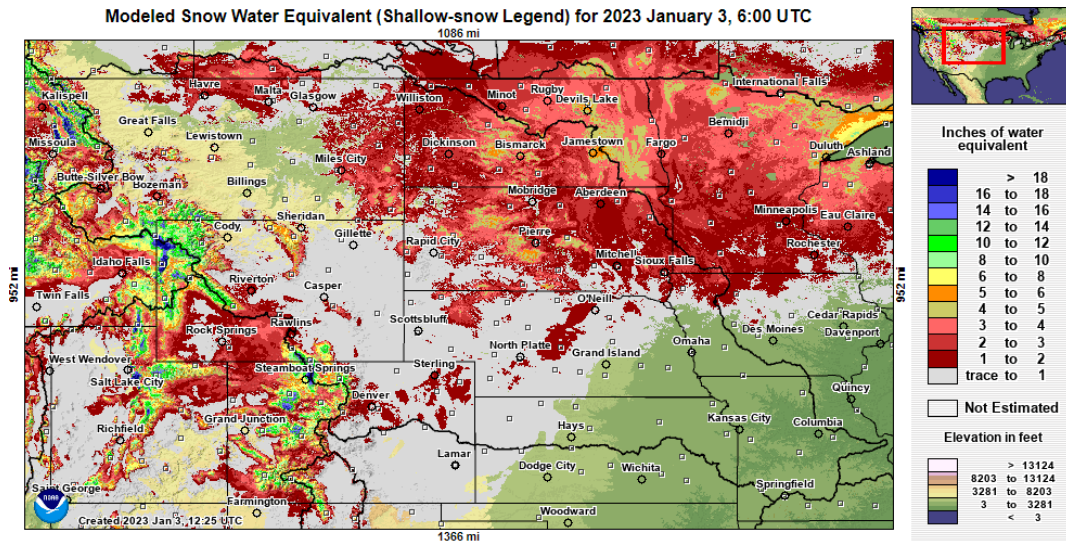


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels



Plains Snowpack January 3, 2023



Source: www.nohrsc.noaa.gov

[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots



MISSOURI RIVER BASIN WEEKLY UPDATE

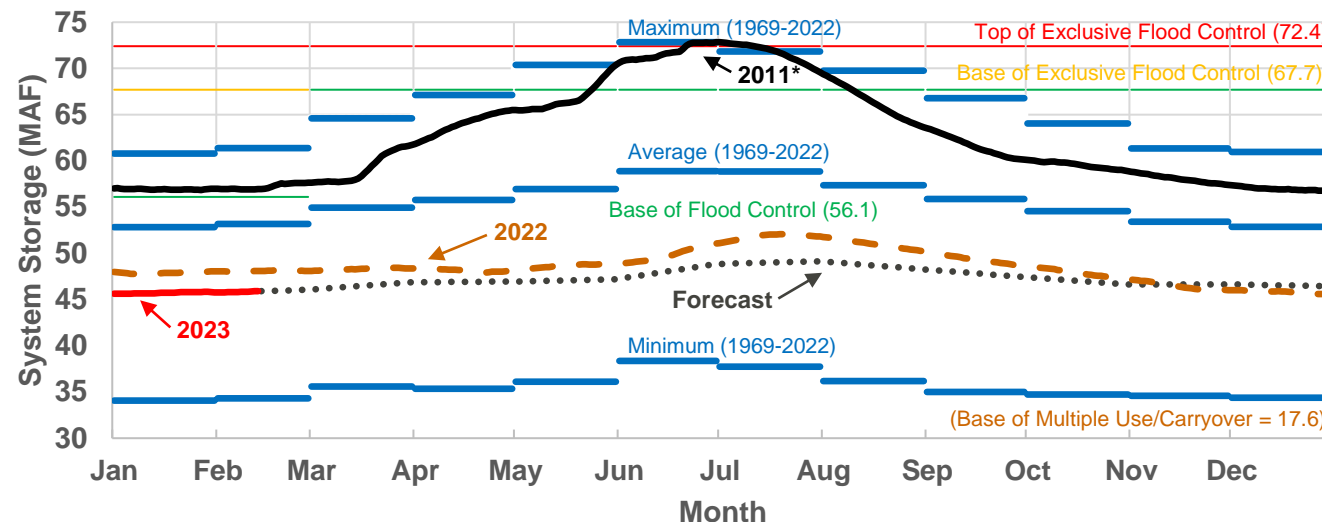
14 FEBRUARY 2023



Mainstem Reservoir Status

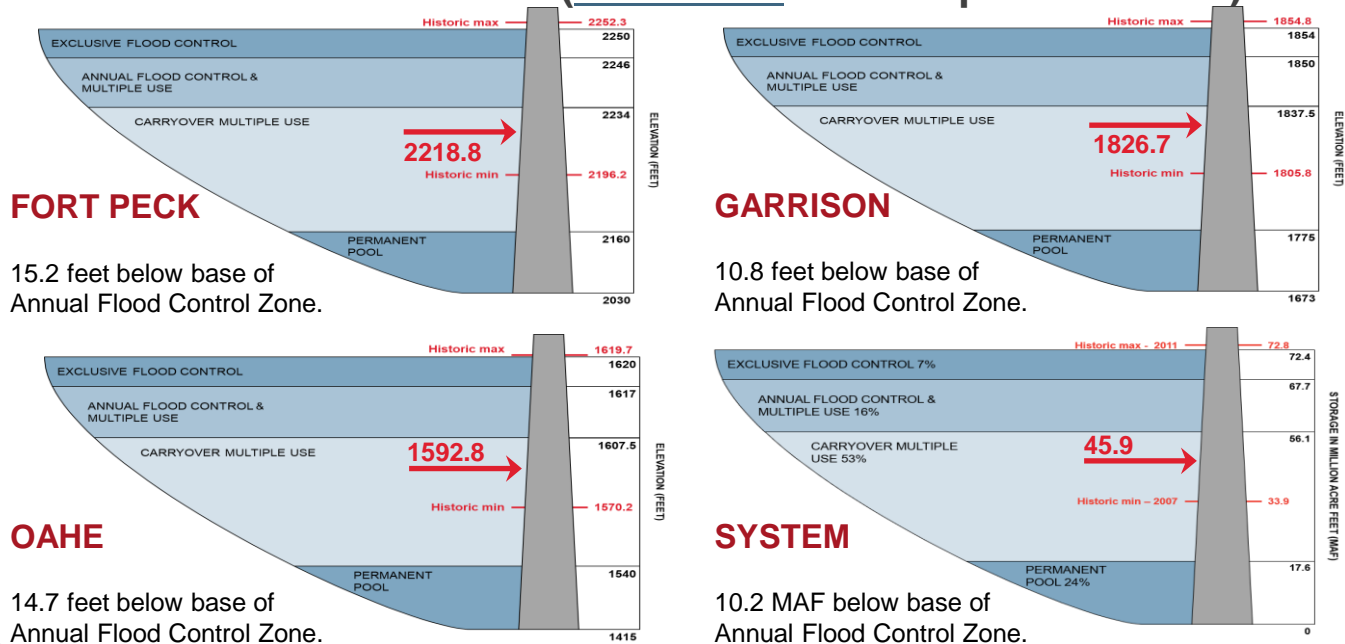
- System storage is 45.9 MAF, 0.1 MAF more than last week (upper right). For the February monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- Gavins Point releases are at the winter release rate of 12,000 cfs. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck (100% of average) and from Fort Peck to Garrison (94% of average) as of February 12 ([click here](#)).
- Much of the plains snowpack melted in Montana, southwestern North Dakota, western South Dakota, and Nebraska over the past week (lower right). The areas in the Dakotas and Nebraska that still have snow cover show 1-4" of snow water equivalent (SWE). Some localized areas in the Dakotas still show up to 5" of SWE.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

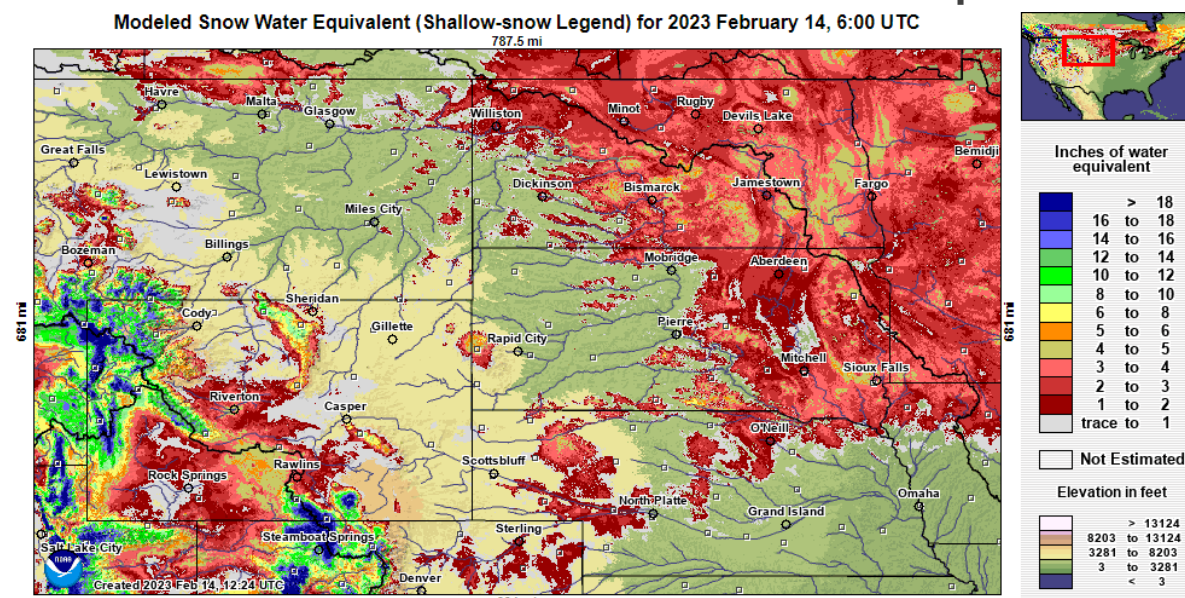


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA NOHRSC: Feb 14 Modeled Snow Water Equivalent



Source: <https://www.nohrsc.noaa.gov/>



MISSOURI RIVER BASIN WEEKLY UPDATE

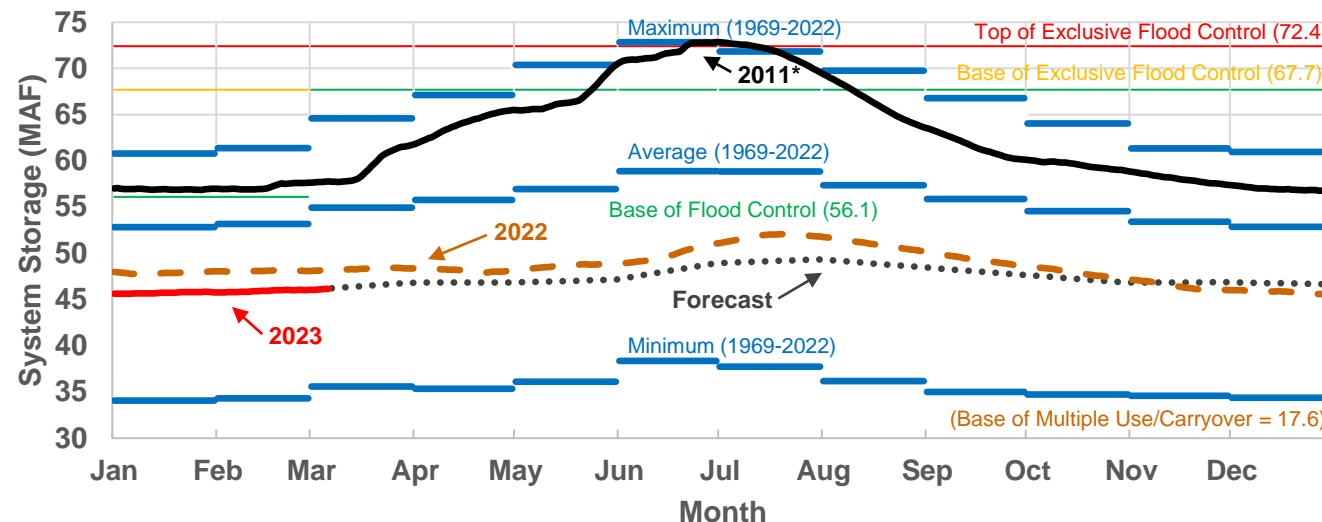
07 MARCH 2023



Mainstem Reservoir Status

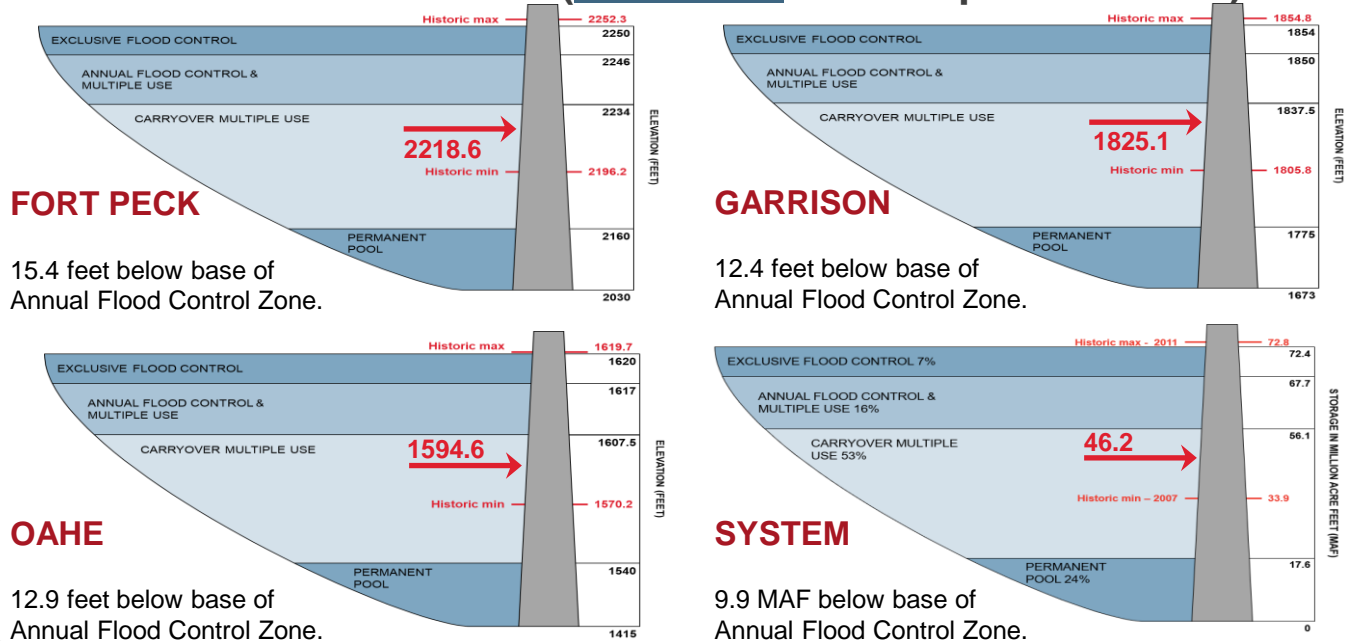
- System storage is 46.2 MAF, 0.2 MAF more than last week (upper right). For the March monthly study with forecasted pool levels and releases for each mainstem project, [click here](#).
- The calendar year runoff forecast, updated on March 1, for the upper Missouri River Basin above Sioux City, IA is 21.5 MAF (84% of average).
- Gavins Point releases are at the winter release rate of 12,000 cfs. Releases will be increased by 3,000 cfs per day beginning around March 18. The release schedule for Gavins Point is provided in our daily forecast ([click here](#)).
- Mountain snowpack is near average for both the reaches above Fort Peck (105% of average) and from Fort Peck to Garrison (101% of average) as of March 5 ([click here](#)).
- Plains snow coverage still exists across eastern South Dakota and much of North Dakota (lower right). Localized areas of up to 8 inches of SWE are present.
- Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows, and releases.

System Storage Comparison

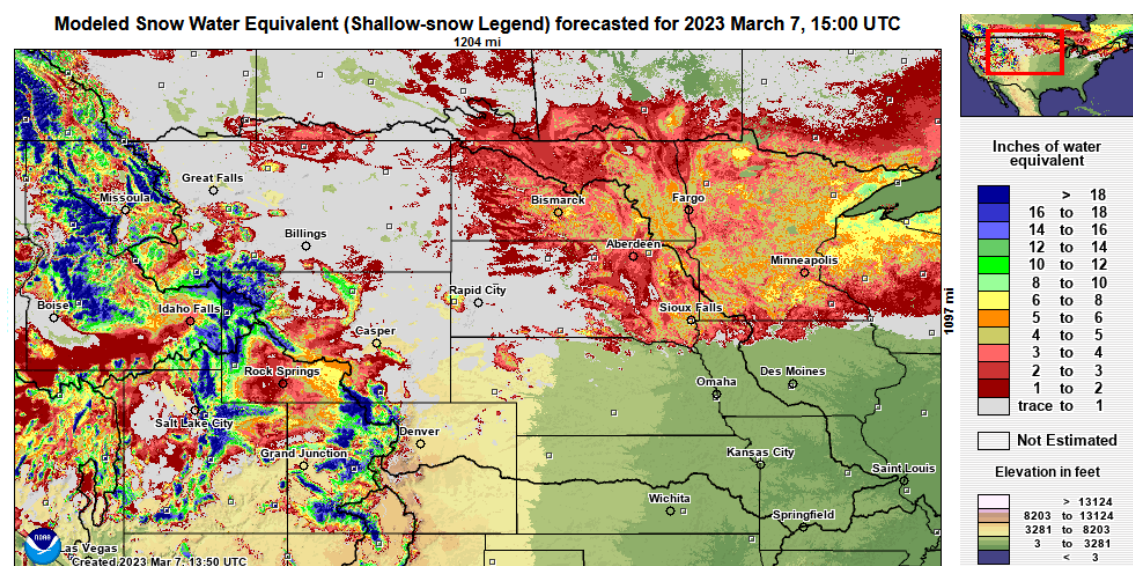


*In January 2011, the Base of Flood Control was 56.8 MAF, and the Top of Exclusive Flood Control was 73.1 MAF

Current Reservoir Levels ([Click Here](#) for Comparison Plots)



NOAA NOHRSC: Mar 7 Modeled Snow Water Equivalent



Source: <https://www.nohrsc.noaa.gov/>