

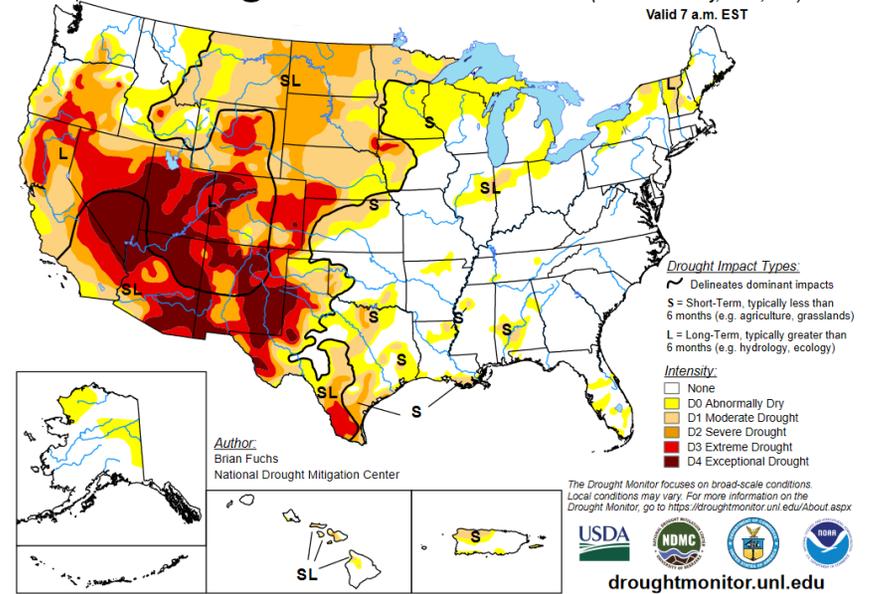
Missouri River Basin – Update – 09 March 2021

Mainstem Reservoir Status:

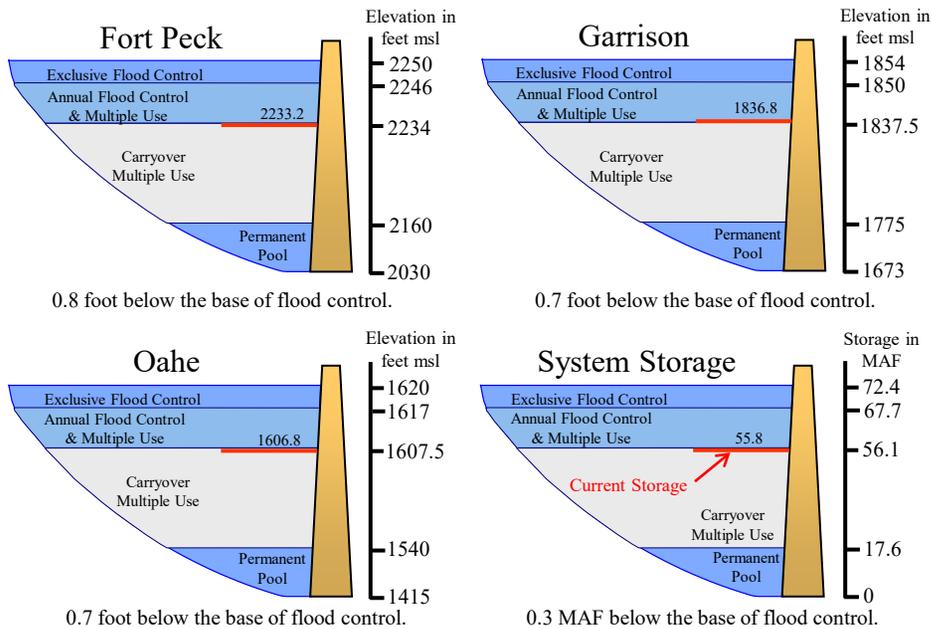
- ❖ System storage is 55.8 MAF. The March 1 forecast for 2021 upper Basin runoff is 21.7 MAF, 84% of average.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant). Plains snowpack in the upper Basin has melted.
- ❖ Drought is present in every state in the Basin, except for Missouri (upper right quadrant).
- ❖ Releases from Gavins Point are scheduled to be increased 3,000 cfs per day starting March 19 to provide flow support for navigation.
- ❖ The Spring Public Meetings will be held virtually at 1:00 pm and 6:00 pm CT on April 6. A press release will be sent out in the next couple weeks with the meeting link.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here: [Click Here](#) for Missouri River releases, flows & stages

U.S. Drought Monitor

March 2, 2021
(Released Thursday, Mar. 4, 2021)
Valid 7 a.m. EST

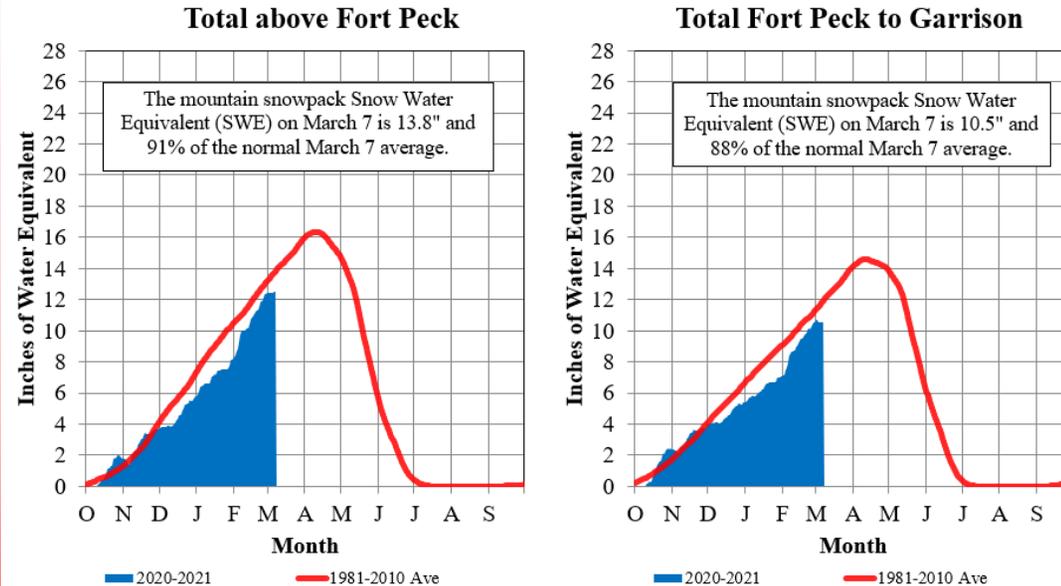


Current Reservoir Levels



Mountain Snowpack

March 7, 2021



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

[Click Here](#) for Comparison Plots

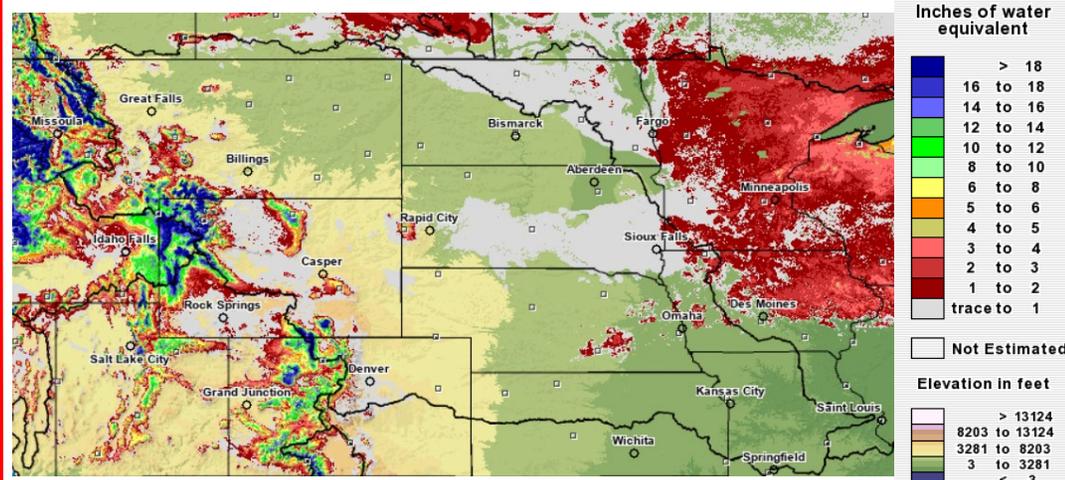
Missouri River Basin – Update – 02 March 2021

Mainstem Reservoir Status:

- ❖ System storage is 55.6 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant). Mountain snowpack normally peaks around mid-April.
- ❖ Last week's warmer temperatures melted off most of the plains snowpack. Only trace amounts remain (upper right quadrant).
- ❖ Gavins Point releases are at 17,000 cfs and are expected to remain at this rate for the next several weeks.
- ❖ The Spring Public Meetings are tentatively planned for early April. They will be held virtually.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here: [Click Here](#) for Missouri River releases, flows & stages

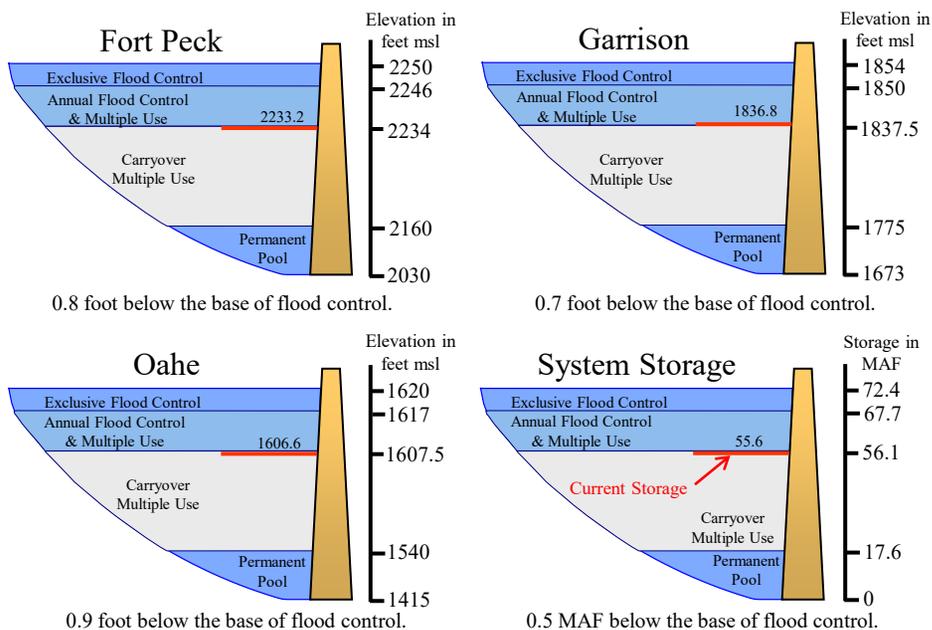
Plains Snowpack

March 2, 2021



*Source: https://www.nohrsc.noaa.gov

Current Reservoir Levels

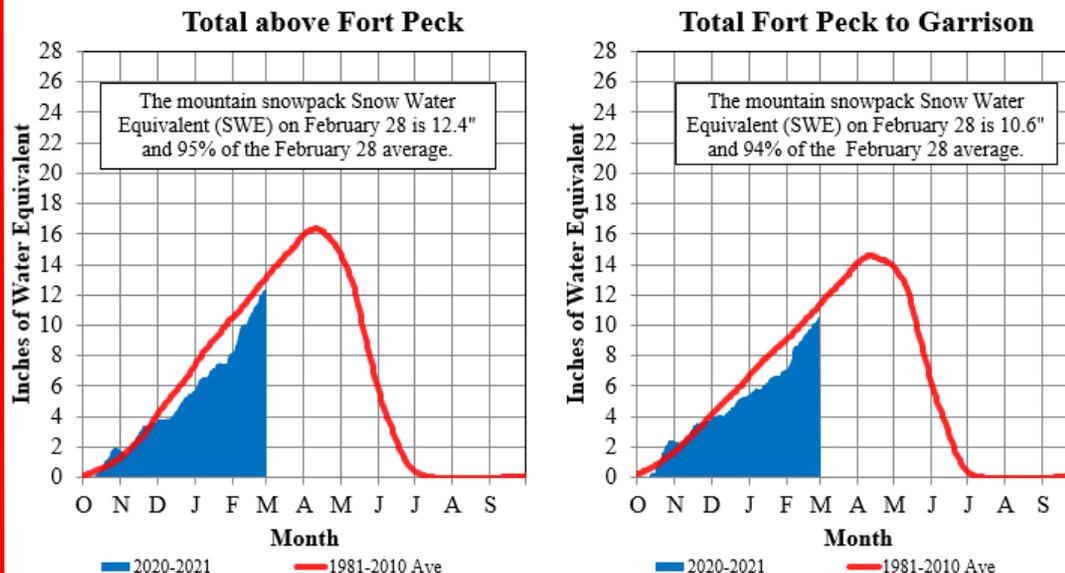


[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots

Mountain Snowpack

February 28, 2021



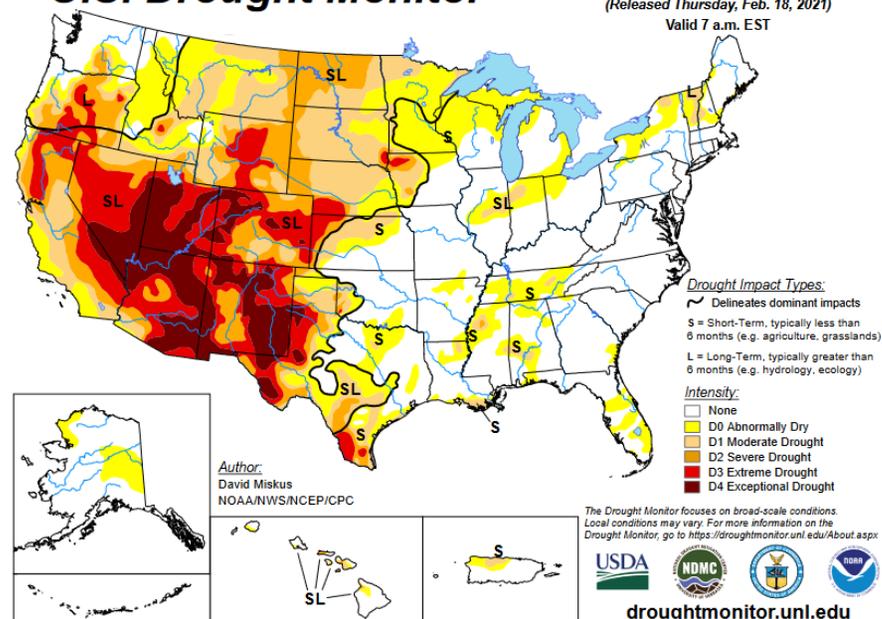
Missouri River Basin – Update – 23 February 2021

Mainstem Reservoir Status:

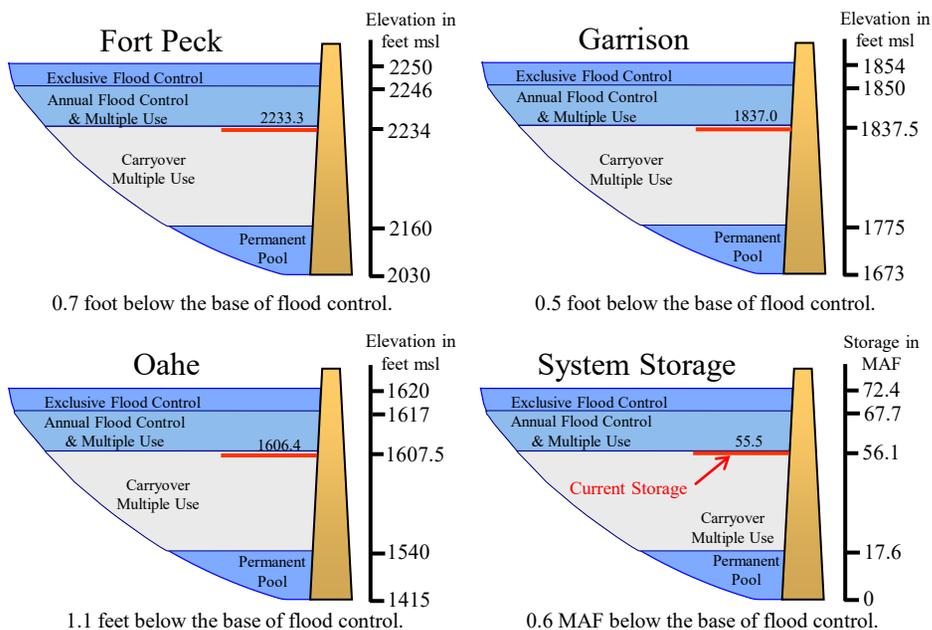
- ❖ System storage is 55.5 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant). Only trace amounts of plains snowpack are present in the upper Basin.
- ❖ Drought is present in every state in the Basin, except for Missouri (upper right quadrant).
- ❖ Due to the warmer weather, we will begin reducing System releases from 19,000 cfs to 17,000 starting today.
- ❖ The Spring Public Meetings are tentatively planned for early April. They will be held virtually.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here: [Click Here](#) for Missouri River releases, flows & stages

U.S. Drought Monitor

February 16, 2021
(Released Thursday, Feb. 18, 2021)
Valid 7 a.m. EST



Current Reservoir Levels

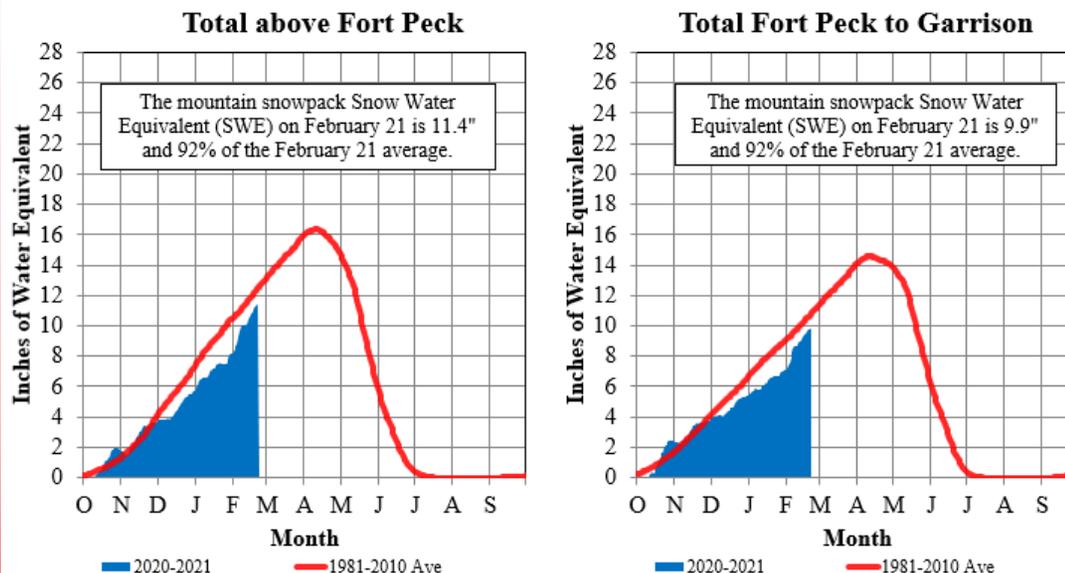


[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots

Mountain Snowpack

February 21, 2021



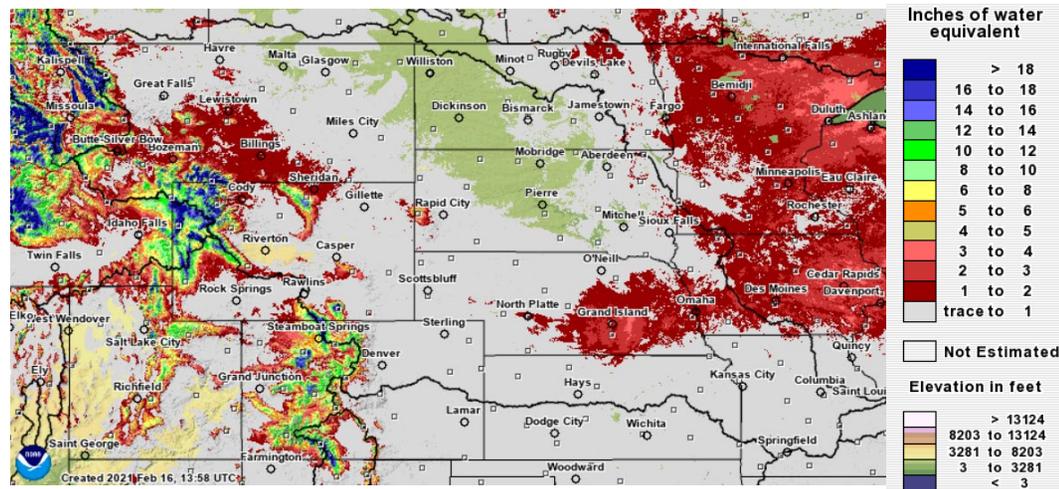
Missouri River Basin – Update – 16 February 2021

Mainstem Reservoir Status:

- ❖ System storage is 55.4 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ Only trace amounts of plains snowpack are present in the upper Basin (upper right quadrant).
- ❖ Gavins Point releases will remain at 19,000 cfs until the current extreme cold weather has ended
- ❖ Additional generation capacity has been provided to help with the current power demands in the SPP.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here: [Click Here](#) for Missouri River releases, flows & stages

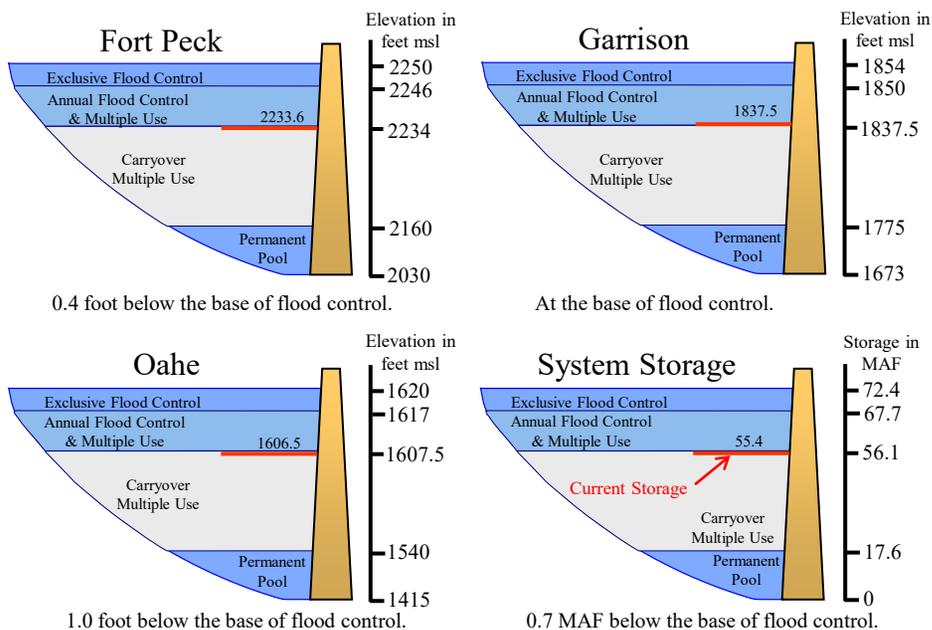
Plains Snowpack

February 16, 2021



*Source: https://www.nohrsc.noaa.gov

Current Reservoir Levels

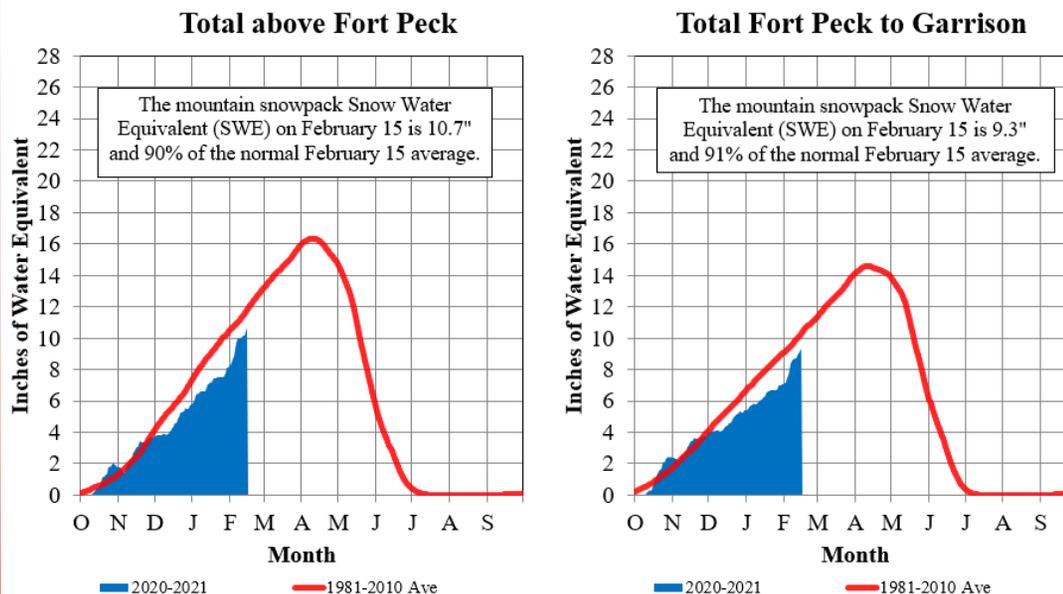


[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots

Mountain Snowpack

February 15, 2021

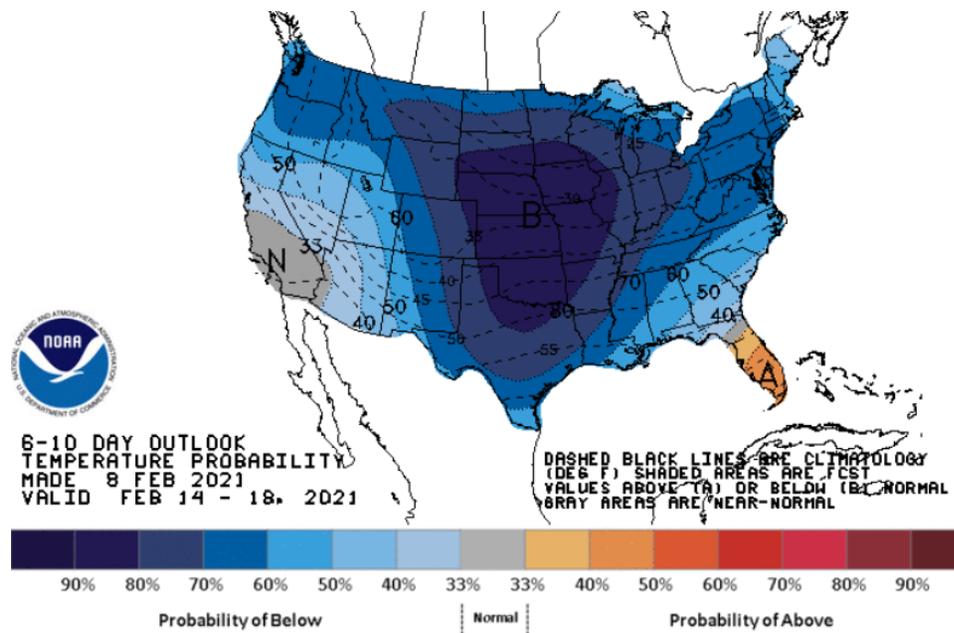


Missouri River Basin – Update – 09 February 2021

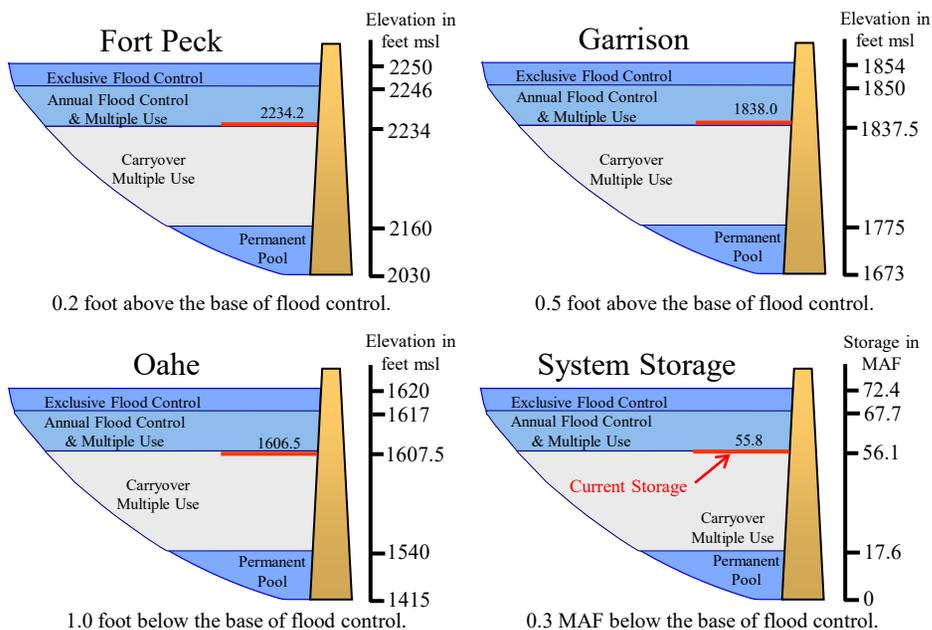
Mainstem Reservoir Status:

- ❖ System storage is 55.8 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant). Only trace amounts of plains snowpack are present in the upper Basin.
- ❖ Temperatures in the basin are forecast to be below normal for the next 10 days (upper right quadrant). There is also an increased chance for above-normal precipitation.
- ❖ Gavins Point releases were increased on Friday from 17,000 cfs to 19,000 cfs due to the extremely low temperatures. More details are found in the press release ([click here](#)).
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here:

[Click Here](#) for Missouri River releases, flows & stages



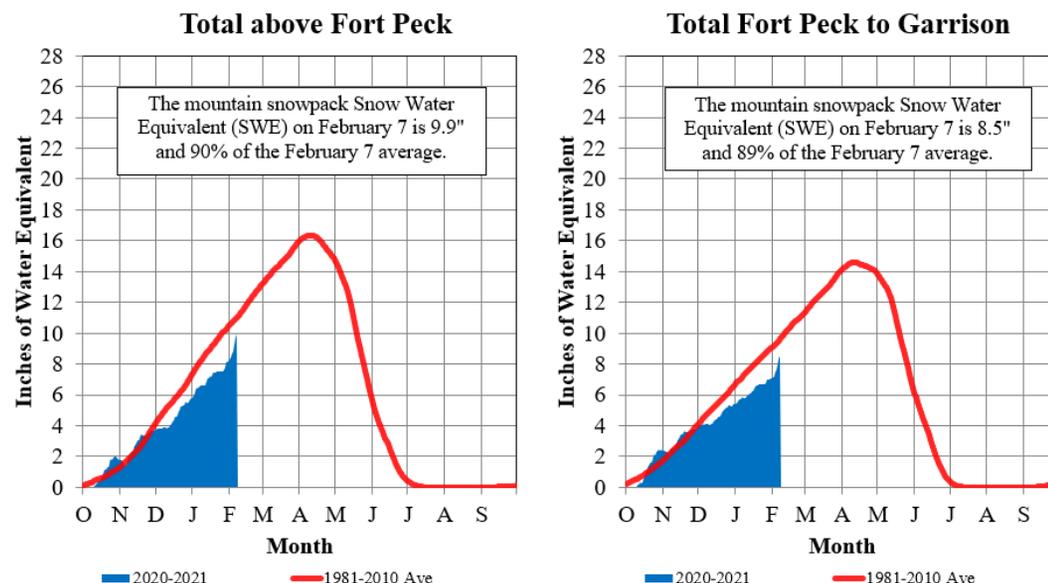
Current Reservoir Levels



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

[Click Here](#) for Comparison Plots

Mountain Snowpack February 7, 2021



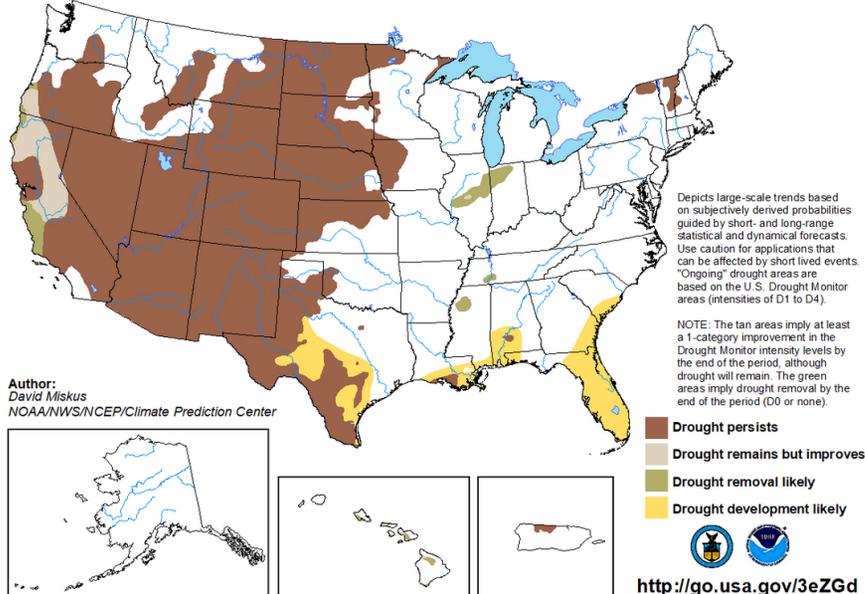
Missouri River Basin – Update – 02 February 2021

Mainstem Reservoir Status:

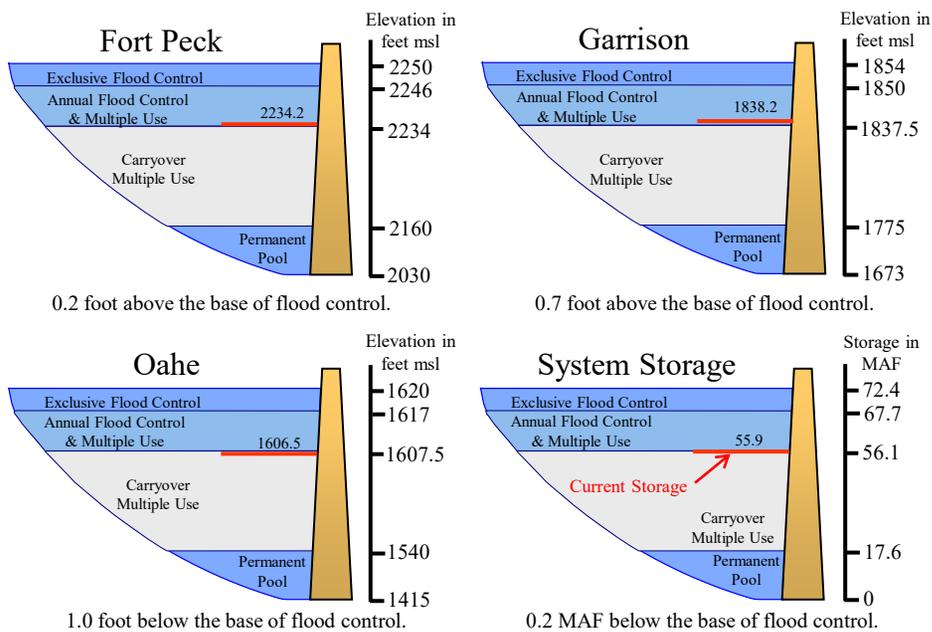
- ❖ System storage is 55.9 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ Plains snowpack remains below average for most of the upper basin.
- ❖ Drought conditions in the basin are expected to persist through February (upper right quadrant).
- ❖ The calendar year runoff forecast for the Missouri River Basin above Sioux City, updated on February 1, is 22.9 MAF (89% of average).
- ❖ Gavins Point releases are at the winter release rate of 17,000 cfs.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here: [Click Here](#) for Missouri River releases, flows & stages

U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for February 2021
Released January 31, 2021



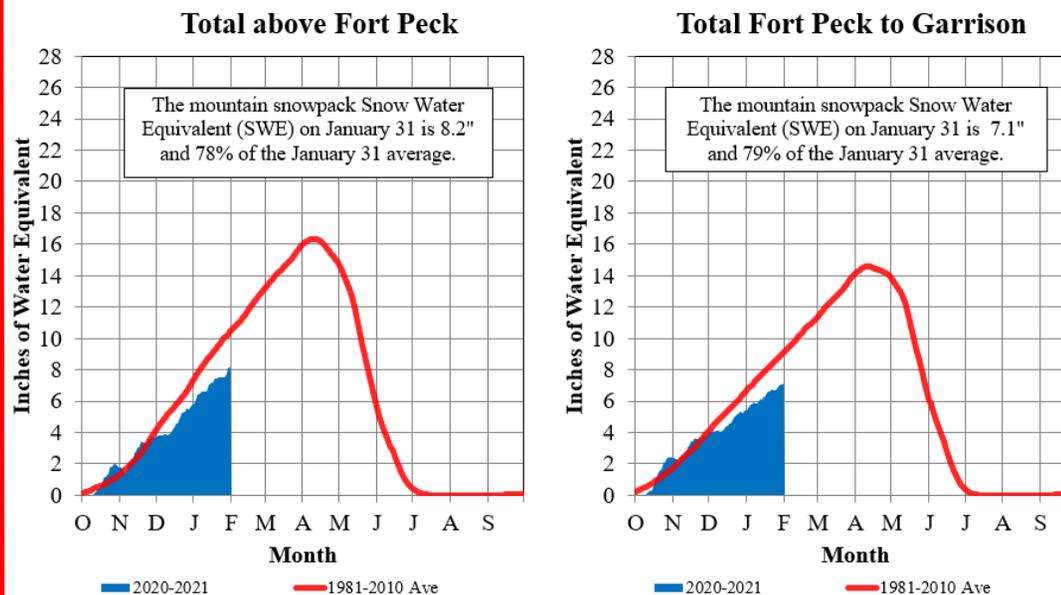
Current Reservoir Levels



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

[Click Here](#) for Comparison Plots

Mountain Snowpack January 31, 2021



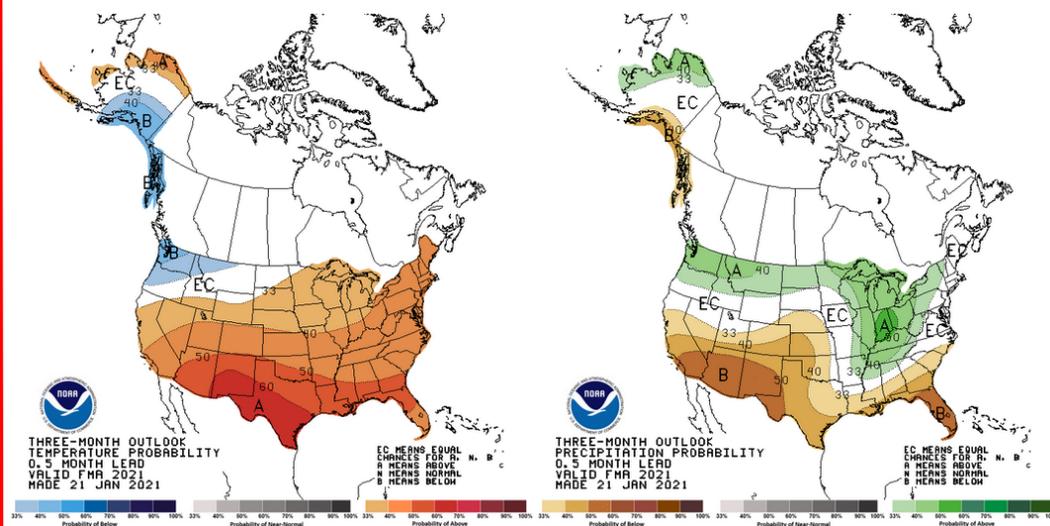
Missouri River Basin – Update – 26 January 2021

Mainstem Reservoir Status:

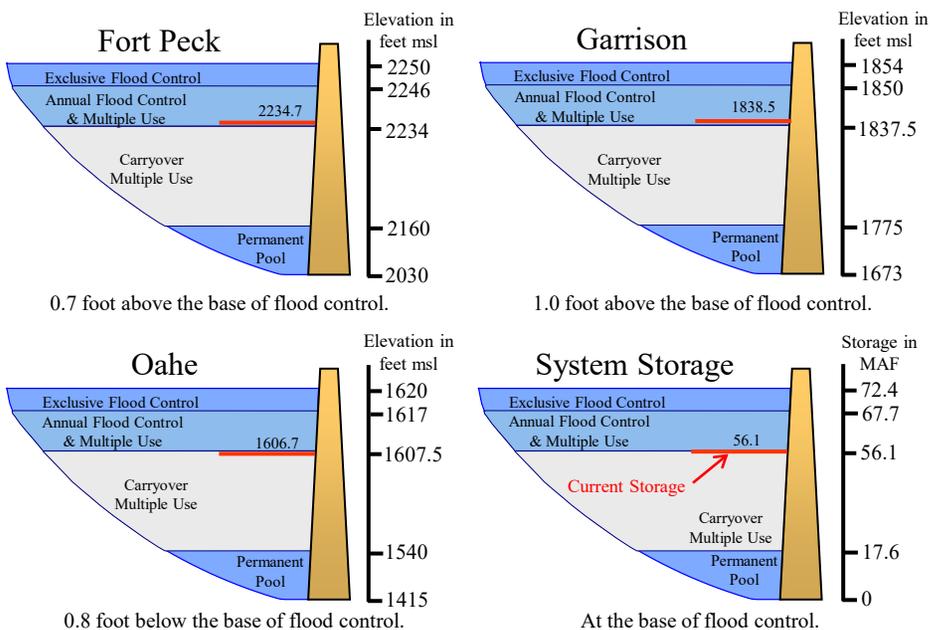
- ❖ System storage is 56.1 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ Plains snowpack remains below average for most of the upper basin.
- ❖ The National Weather Service updated their 3-month outlooks last week for precipitation and temperature (upper right quadrant).
- ❖ Gavins Point releases are at the winter release rate of 17,000 cfs.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here:

[Click Here](#) for Missouri River releases, flows & stages

NOAA CPC 3-Month Outlook



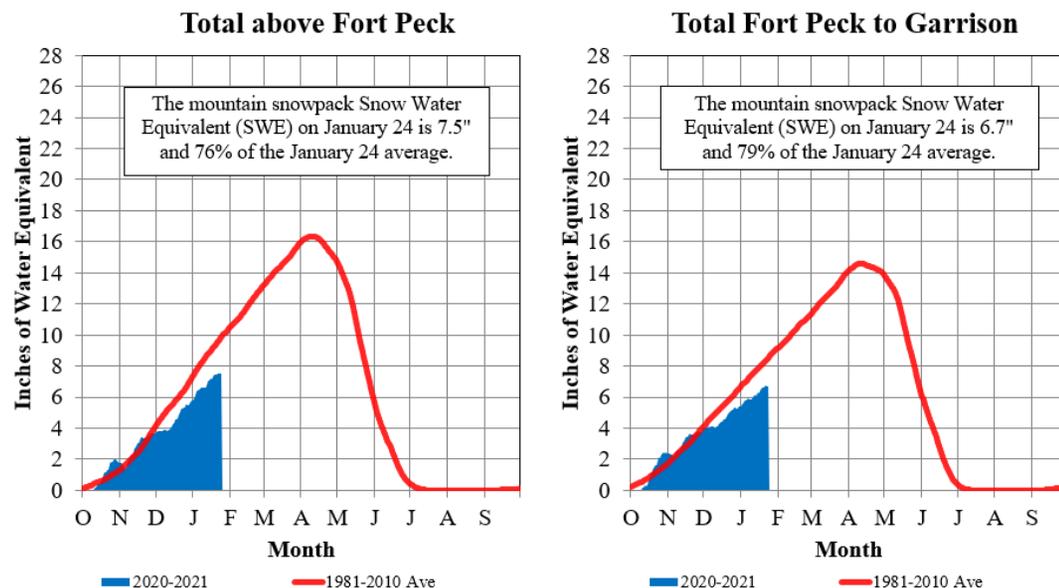
Current Reservoir Levels



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

[Click Here](#) for Comparison Plots

Mountain Snowpack January 24, 2020



Missouri River Basin – Update – 19 January 2021

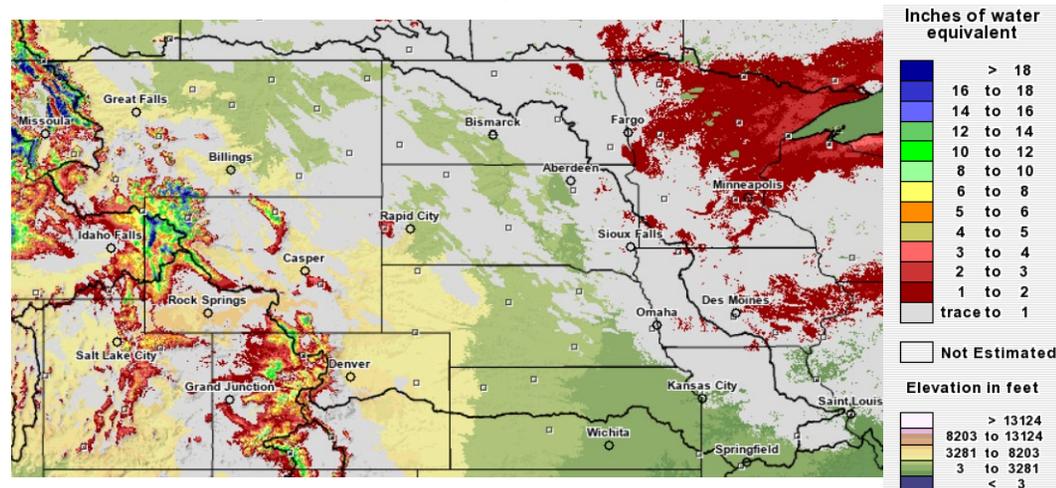
Mainstem Reservoir Status:

- ❖ System storage is 56.2 MAF. All stored flood waters from the 2020 runoff season were evacuated as of December 21, 2020.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ Plains snowpack is very sparse throughout the upper Basin (upper right quadrant).
- ❖ The Final 2020-21 Annual Operating Plan has been posted ([click here](#)).
- ❖ Gavins Point releases are at the winter release rate of 17,000 cfs.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here:

[Click Here](#) for Missouri River releases, flows & stages

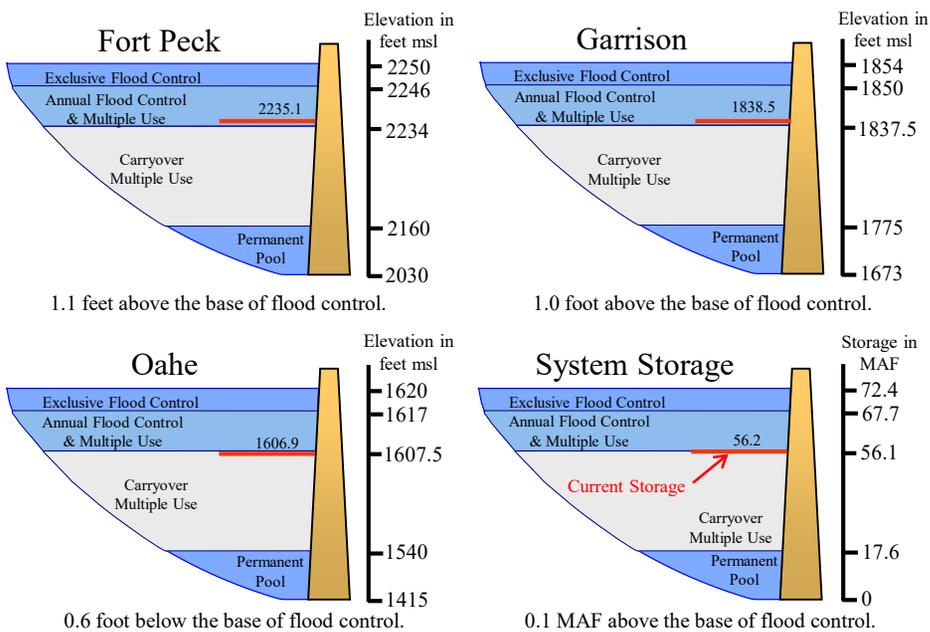
Plains Snowpack

January 19, 2020



*Source: https://www.nohrsc.noaa.gov

Current Reservoir Levels

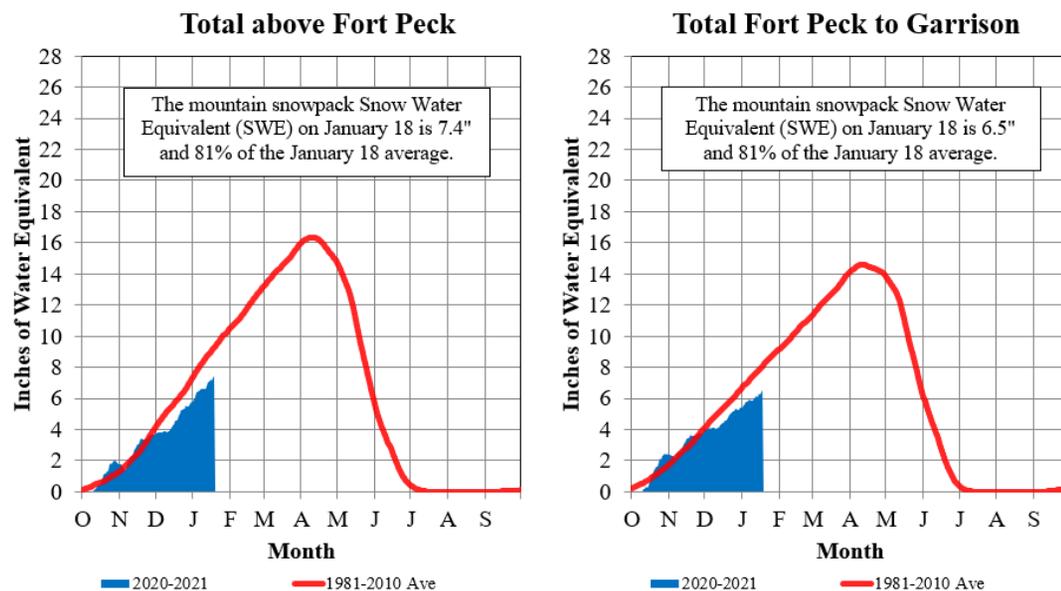


[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots

Mountain Snowpack

January 18, 2020



Missouri River Basin – Update – 12 January 2021

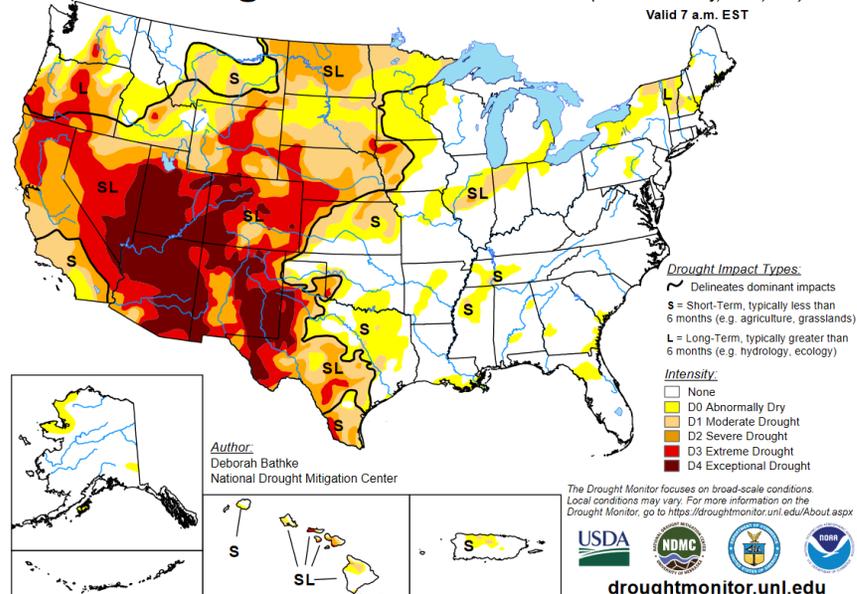
Mainstem Reservoir Status:

- ❖ All stored flood waters from the 2020 runoff season have been evacuated.
- ❖ System storage is 56.1 MAF. All 16.3 MAF of flood control storage is available for the 2021 runoff season.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ Drought conditions in most of the Missouri River basin vary from Moderate to Extreme (upper right quadrant).
- ❖ The Final 2020-21 Annual Operating Plan has been posted ([click here](#)).
- ❖ Gavins Point releases are at the winter release rate of 17,000 cfs.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here:

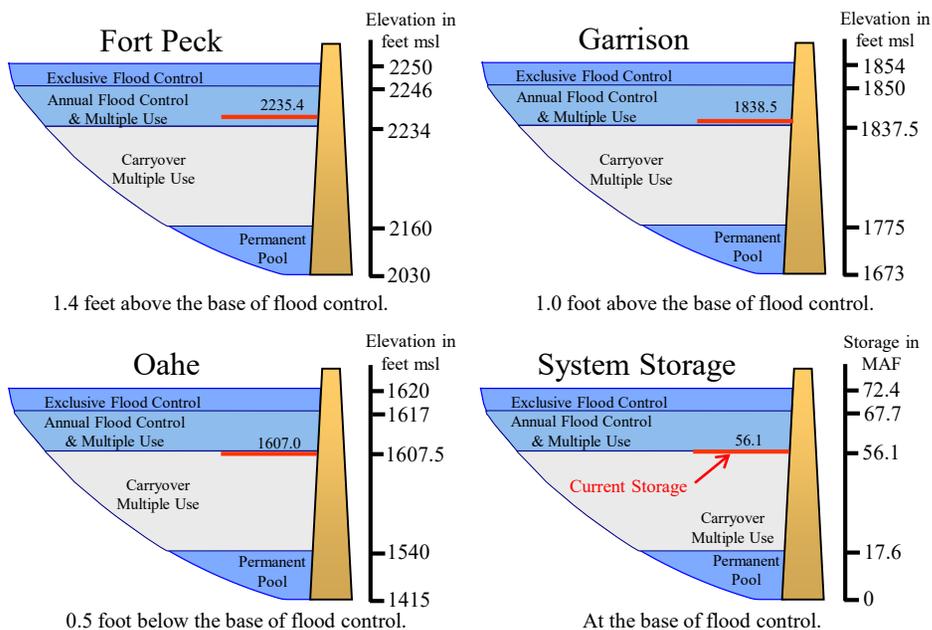
[Click Here](#) for Missouri River releases, flows & stages

U.S. Drought Monitor

January 5, 2021
(Released Thursday, Jan. 7, 2021)
Valid 7 a.m. EST



Current Reservoir Levels

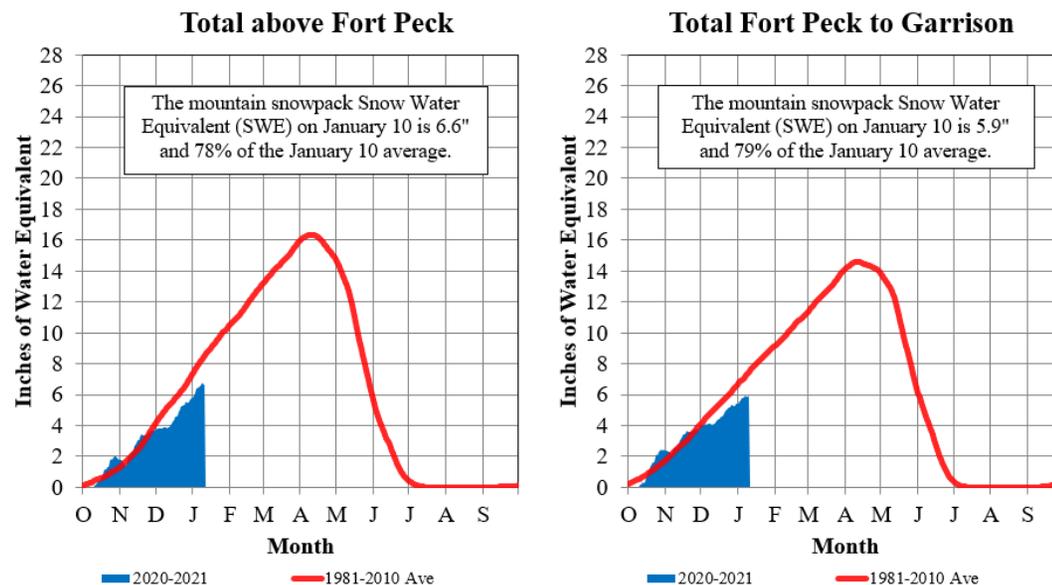


[Click Here](#) for Latest 3-Week Forecast

[Click Here](#) for Comparison Plots

Mountain Snowpack

January 10, 2020



Missouri River Basin – Update – 05 January 2021

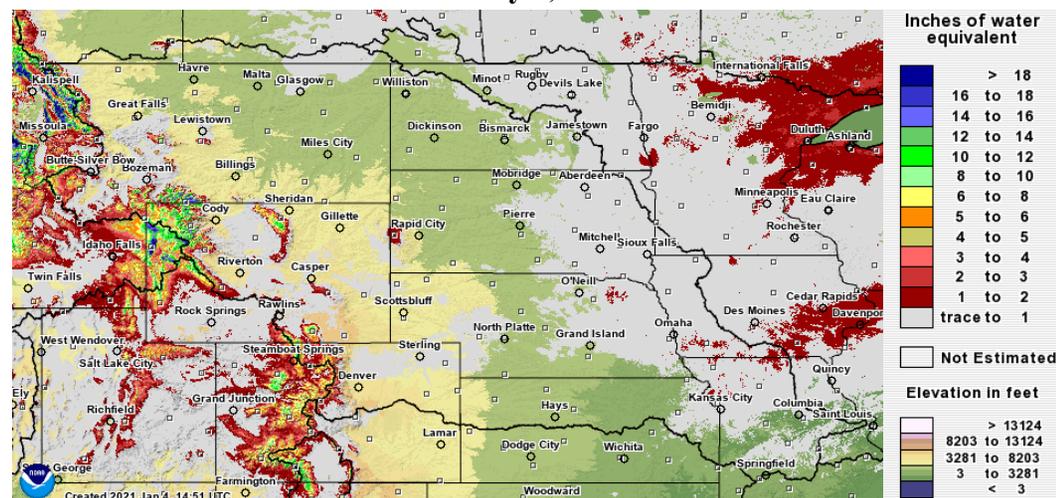
Mainstem Reservoir Status:

- ❖ All stored flood waters from the 2020 runoff season have been evacuated.
- ❖ System storage is 56.0 MAF. All 16.3 MAF of flood control storage is available for the 2021 runoff season.
- ❖ Mountain snowpack is below average in both reaches (lower right quadrant).
- ❖ There is some plains snowpack (upper right quadrant) in eastern ND, SD, and NE. There is little to no plains snowpack in the upper basin west of the Missouri River.
- ❖ The 2021 calendar year runoff forecast for the Missouri River above Sioux City, IA ([click here](#)) is 23.1 MAF (90% of average).
- ❖ Gavins Point releases are at the winter release rate of 17,000 cfs.
- ❖ Refer to the 3-Week Forecast ([click here](#)) for the most up-to-date System information – pool levels, inflows and releases.
- ❖ The schedule and forecasted Missouri River flows and stages can be found here:

[Click Here](#) for Missouri River releases, flows & stages

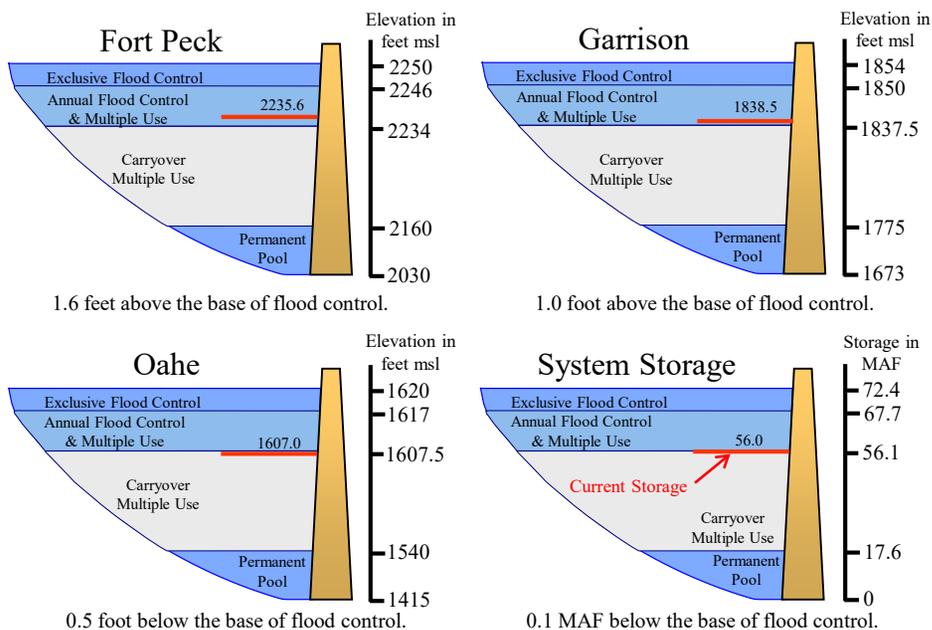
Plains Snowpack

January 5, 2020



*Source: https://www.nohrsc.noaa.gov

Current Reservoir Levels



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

[Click Here](#) for Comparison Plots

Mountain Snowpack

January 3, 2020

