MISSOURI BASIN:
CHANCE OF REACHING FLOOD STAGE IN 2020 AS COMPARED TO HISTORICAL

37 percent increase in chance to reach flood stage during next 3 months
MISSOURI BASIN:
Mountain Snowpack As of 12 February 2020

Mountain snowpack running just slightly above average.
Missouri Basin:
Mountain Runoff Volume April-September

Mountain runoff volume projected to be near normal

- Upper Missouri abv Ft. Peck: 108%
- Yellowstone: 126%
- North Platte: 106%
- South Platte: 95%
MISSOURI BASIN:
Flood Potential Outlook North Dakota

Pipestem Creek: Minor
James River: Moderate
MISSOURI BASIN:
Flood Potential Outlook South Dakota

James River: major
Vermillion River: major
White River: minor
Cheyenne River: minor
Big Sioux River: major
MISSOURI BASIN:
Flood Potential Outlook Nebraska

Big Blue River: minor
Lincoln Creek: minor
N. Fk. Elkhorn: minor
Platte River: minor
Wahoo Creek: moderate
MISSOURI BASIN:
Flood Potential Outlook Iowa

- Floyd River: minor
- Little Sioux River: major
- Ocheyedan River: minor
- Rock River: minor
- Big Sioux River: major
MISSOURI BASIN:
Flood Potential Outlook Kansas

Big Blue River: minor
Little Blue River: minor
Black Vermillion: minor
Vermillion River: minor
Stranger Creek: moderate
Marais des Cygnes: minor
Little Osage R: moderate
MISSOURI BASIN:
Flood Potential Outlook Missouri

Grand River: moderate
Chariton River: minor
Blackwater River: moderate
Lamine River: moderate
Moreau River: minor
Gasconade River: minor
Little Osage R: moderate
Marmaton River: moderate
Osage River: minor
Sac River: moderate
South Grand River: moderate
Tarkio River: moderate
Platte River: moderate
MISSOURI BASIN:
Flood Potential Outlook: Missouri River Below Gavins to St. Louis

Flooding along the mainstem can be expected from Blair Nebraska to the mouth at St. Louis.

Minor flooding expected in the Omaha and KC reaches, moderate flooding should be planned for along the remainder of the river.

Major level flooding cannot be ruled out below KC.
MISSOURI BASIN:
Flood Potential Outlook:  Summary Points

• Mountain snowpack is slightly above average this year. We still have roughly 30% of snow accumulating period remaining.

• Appreciable plains snowpack limited to eastern Dakotas. 3+ inches SWE is concerning.

• Saturated soils over much of the basin. Frozen ground not yet a concern.

• Concern for ice jam flooding is lessening due to mild temperatures. (Dependent upon rate of snowmelt and rain events.)

• Significant flooding due to mountain snow runoff alone is not likely.

• Episodic flooding likely in the lower portion of the basin (eastern KS, southern IA, MO) due to Spring-time thunderstorm activity. This is typical whether soils are wet or not.

• **MUCH ABOVE NORMAL FLOOD RISK** in the eastern portion of the basin. **MAJOR FLOODING IS EXPECTED ALONG NORTHERN TRIBS.** **WIDESPREAD MODERATE FLOODING ELSEWHERE IN THE EASTERN PORTION.**