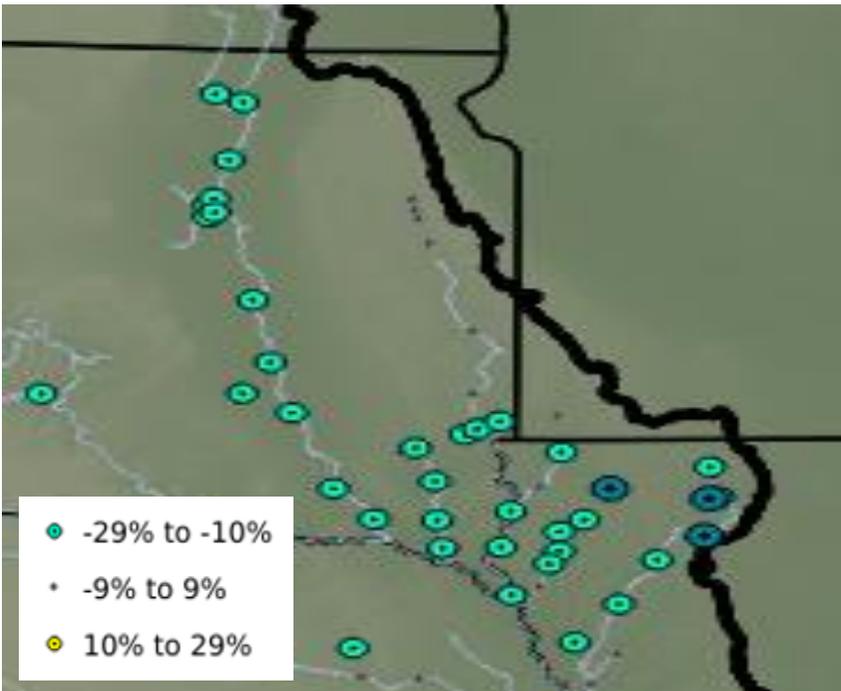




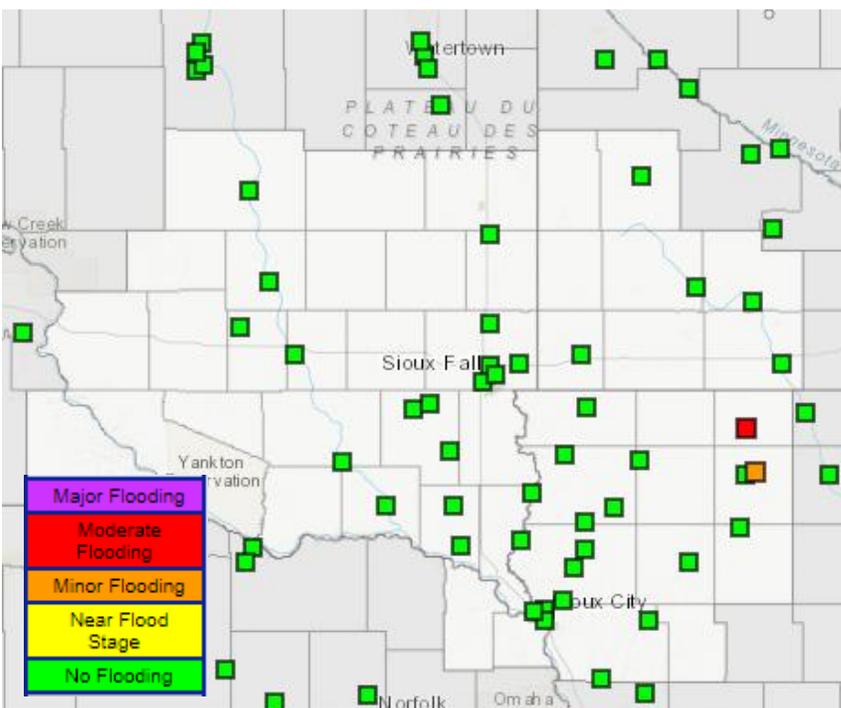
Percent Difference Between Current and Historical Averages for Reaching Minor Flooding



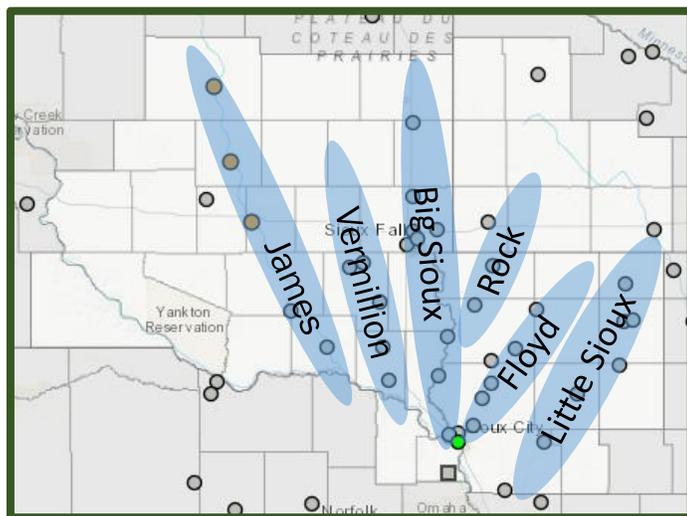
SPRING FLOOD FORECAST

- Chances for Minor, Moderate, or Major flooding are generally 10-30% lower than historical averages.
- There are no sites that have greater than a 75% chance of any flooding at this time.
- Minor to Moderate flooding is likely (> 50% chance) only along the upper portions of the Little Sioux River in northwest Iowa.

Mostly Likely Flood Stage (> 50% chance)



River Basin Locations

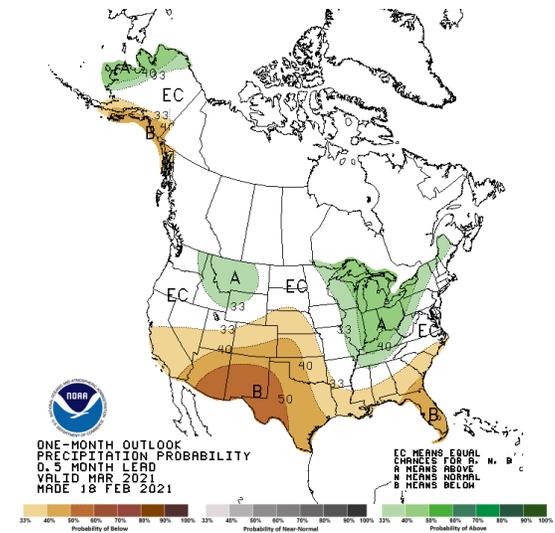
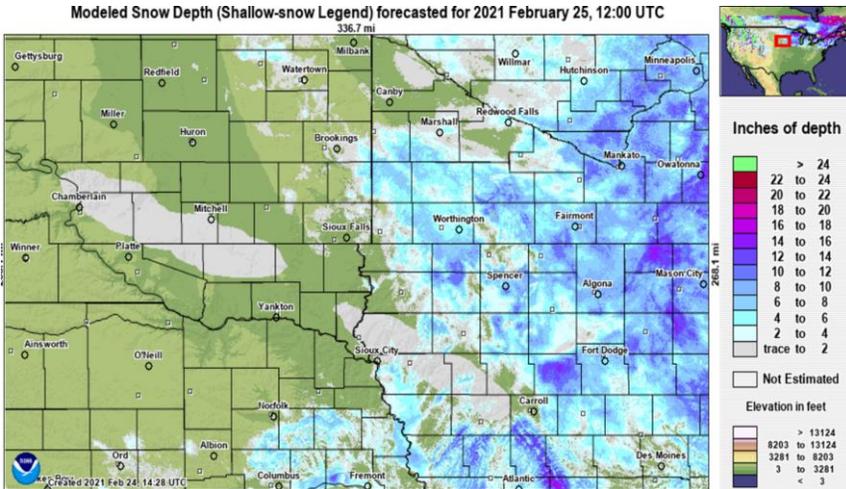




Factors Impacting the Flood Risk

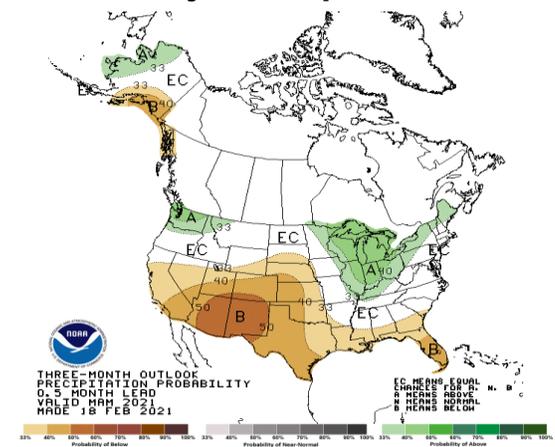
CURRENT SNOW DEPTH

MARCH PRECIPITATION OUTLOOK



- Snow has pretty much melted across all areas west of I-29. There is still some snow in ditches and shelterbelts.
- There is still 2-6 inches of snow in parts of NW IA and SW MN, with up to 1-2 inches of water in the snow pack.
- Severity of flooding through this spring will be determined by future rain and snow fall.

March– May Precipitation Outlook



OTHER FACTORS IMPACTING THE FLOOD RISK

- **Soil Condition:** The soils are still very dry and frozen to 1 to 3 feet.
- **Current River Flow:** Area rivers are running at normal to below normal.

How Upcoming Weather Could Impact Flooding

Increases Flood Risk

Big storms with heavy rain or snow that melts quickly and adds water to the runoff.

Decreases Flood Risk

Little or no precipitation that has minimal runoff.

The next Spring Flood Outlook will be issued on Thursday March 11, 2021