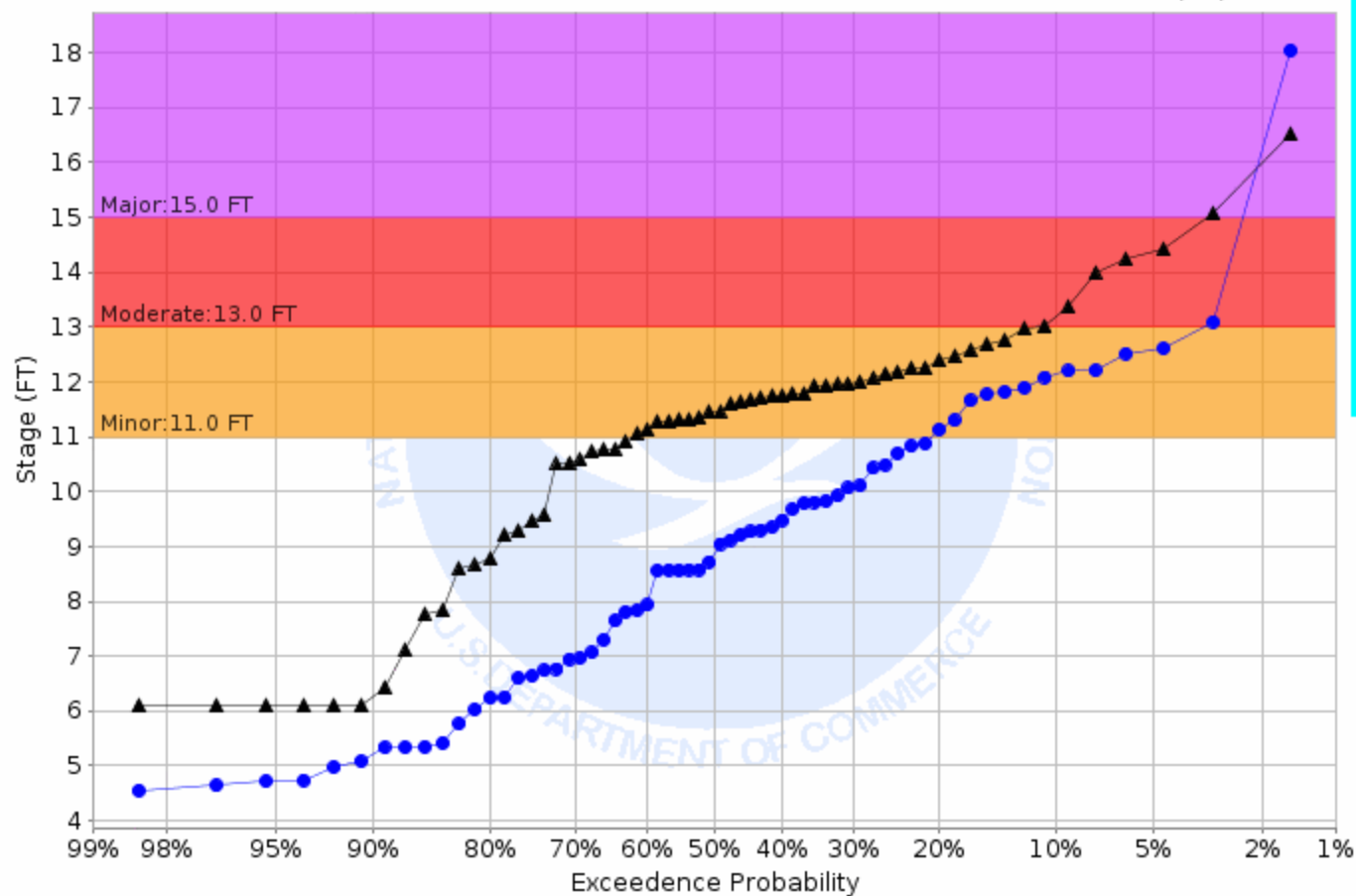


Red River North Mainstem

Chance of Exceeding River Stage at Red River of the North at Wahpeton (WHNN8)

Forecast for the period 12/30/2019 - 03/29/2020

This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:

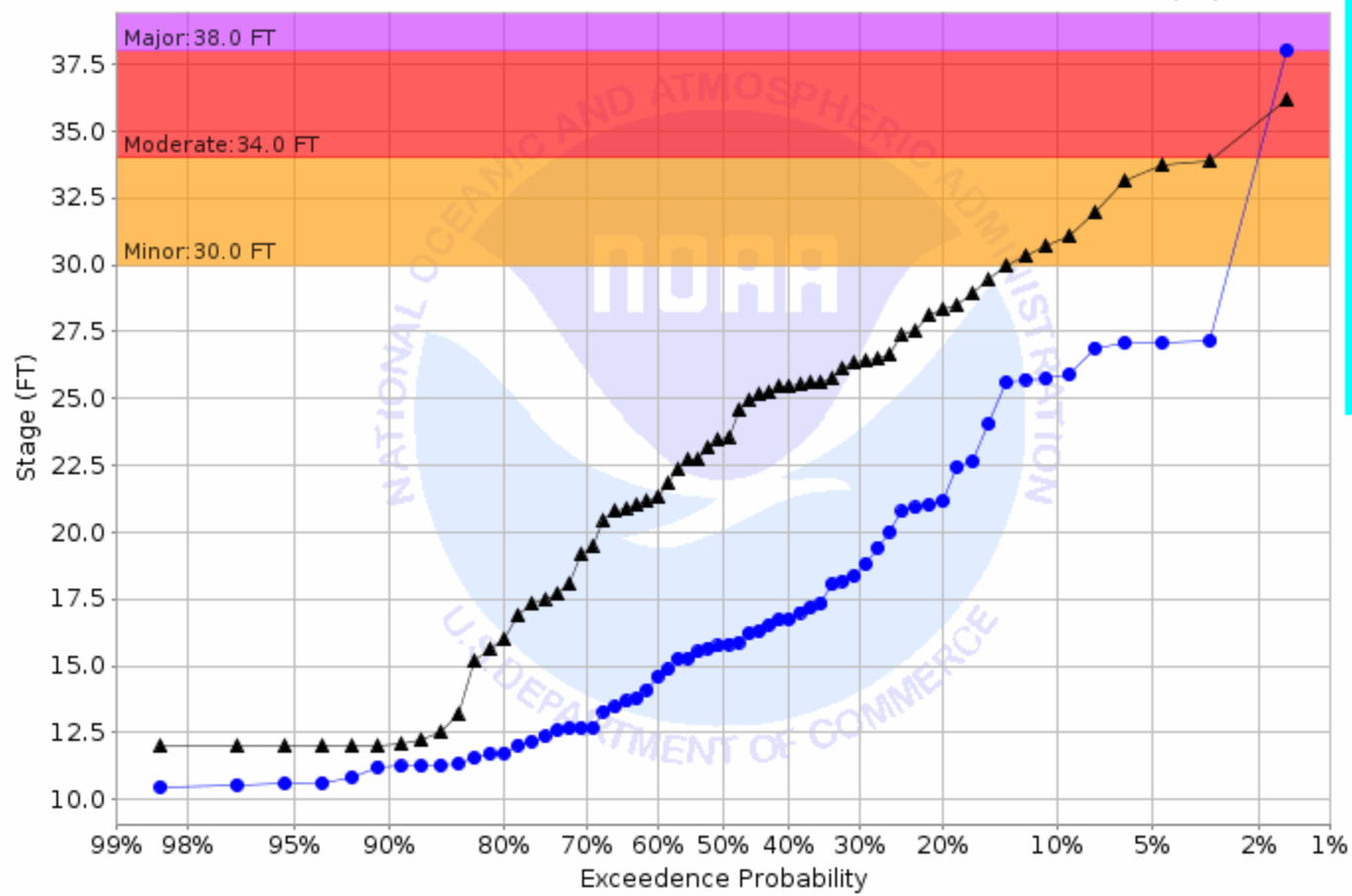
This 90-day product is not valid for the entire spring runoff period.

Updates will be posted

- Jan 24, 2020
- Feb 13, 2020
- Feb 27, 2020
- Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

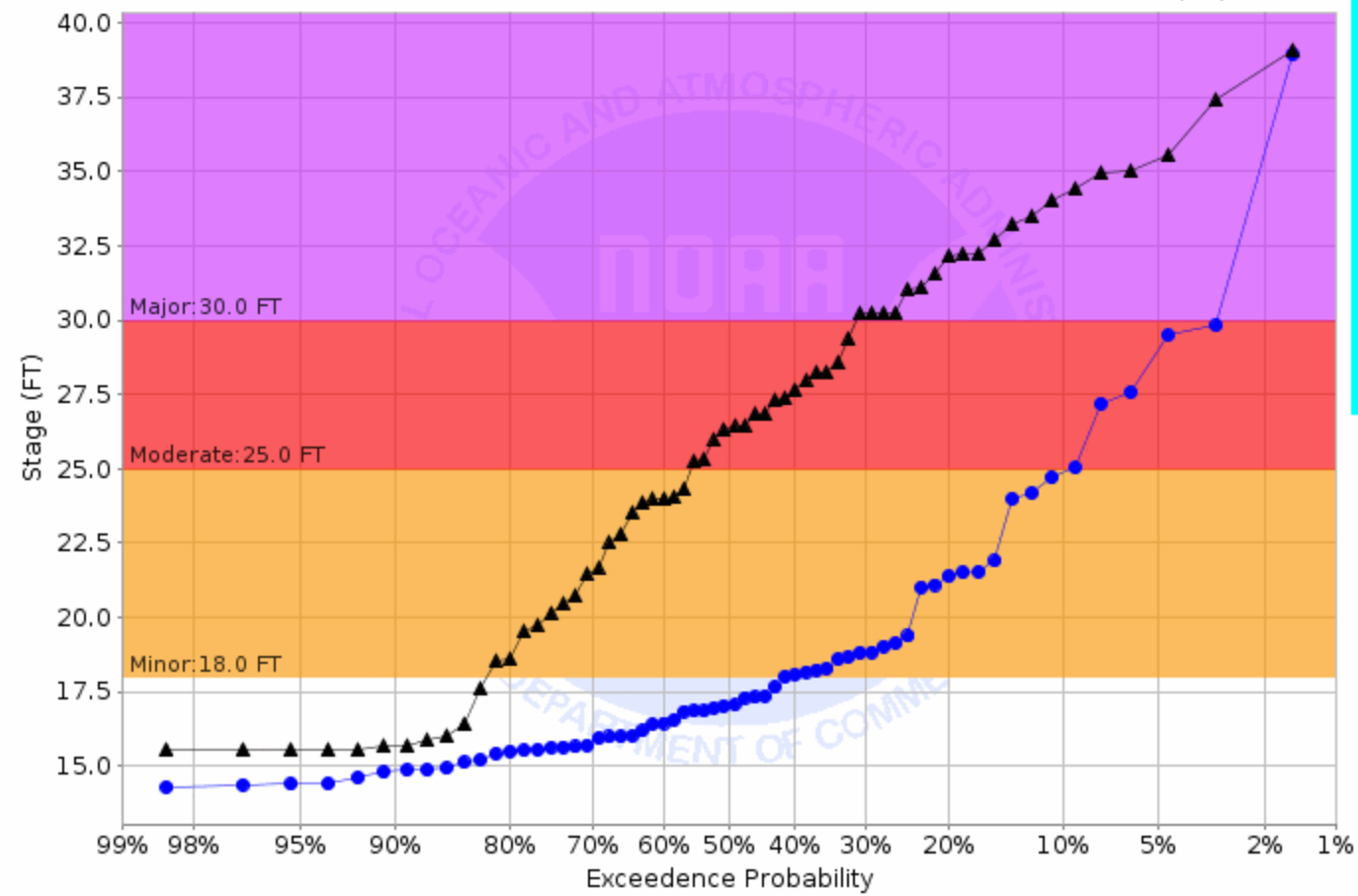
Chance of Exceeding River Stage at Red River of the North at Hickson 1SE (HICN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

Chance of Exceeding River Stage at Red River of the North at Fargo WTP (FGON8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



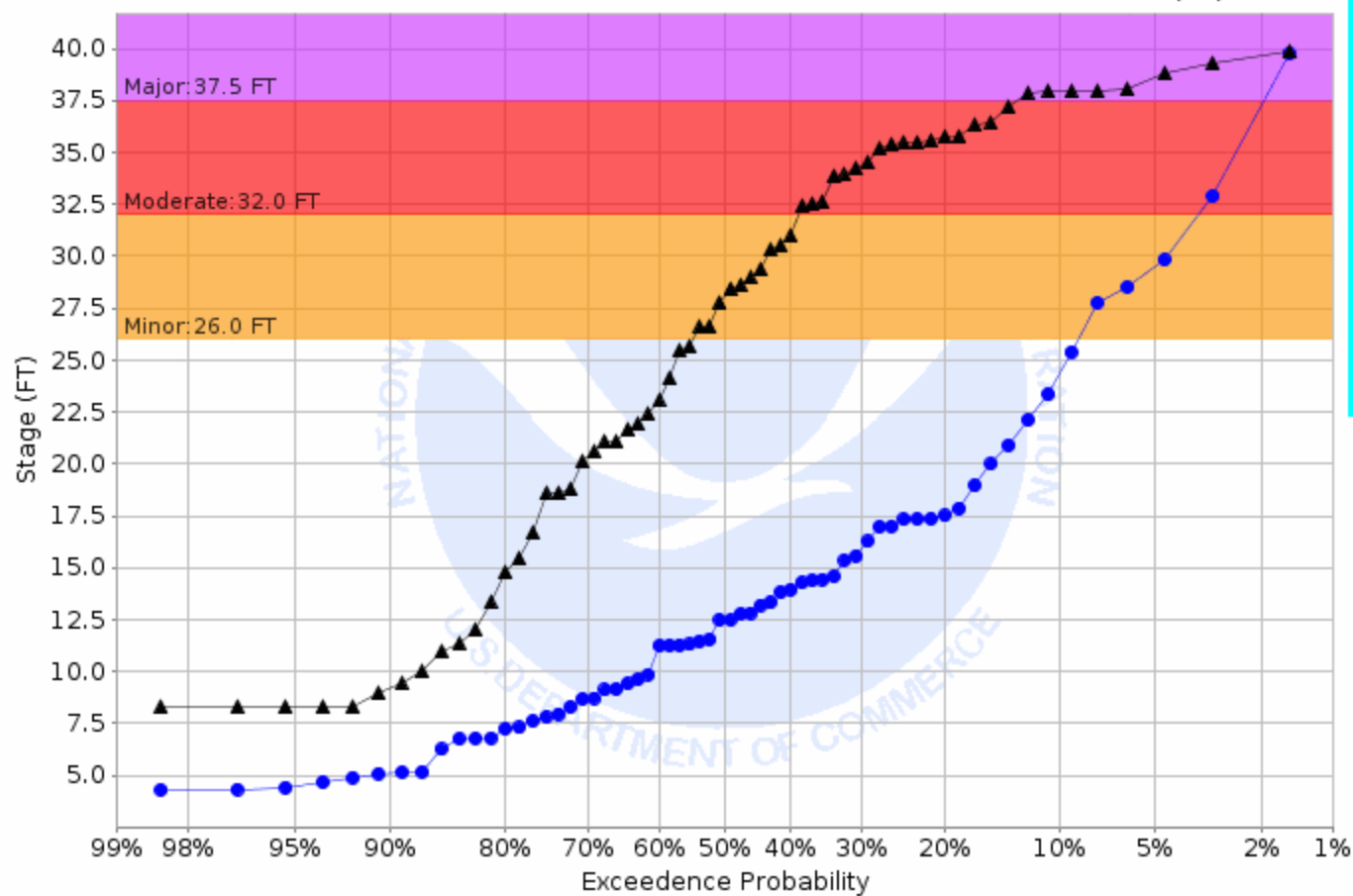
CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

Chance of Exceeding River Stage at Red River of the North at Hillsboro 11ESE (Halstad MN) (HILN8)

Forecast for the period 12/30/2019 - 03/29/2020

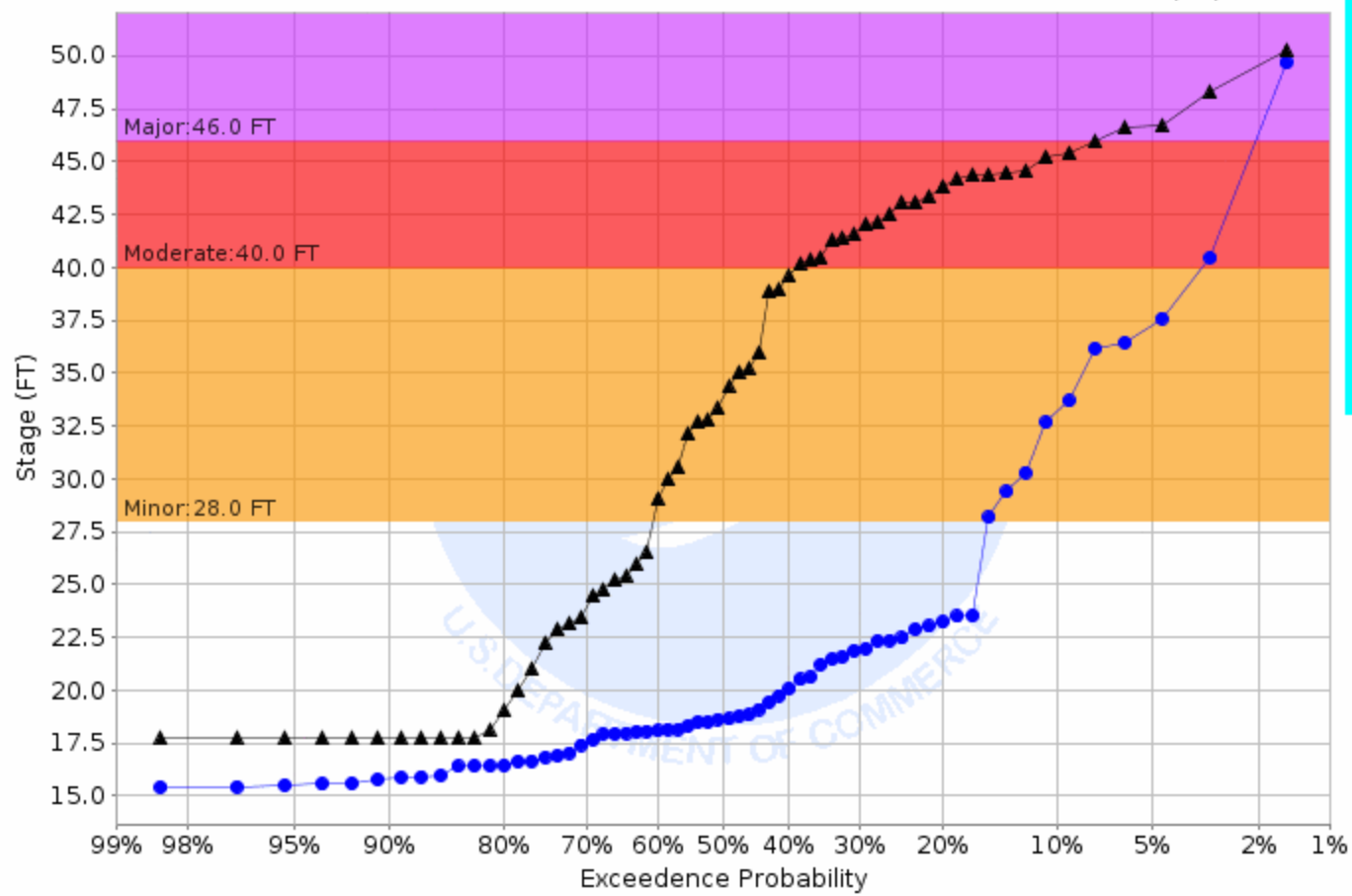
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

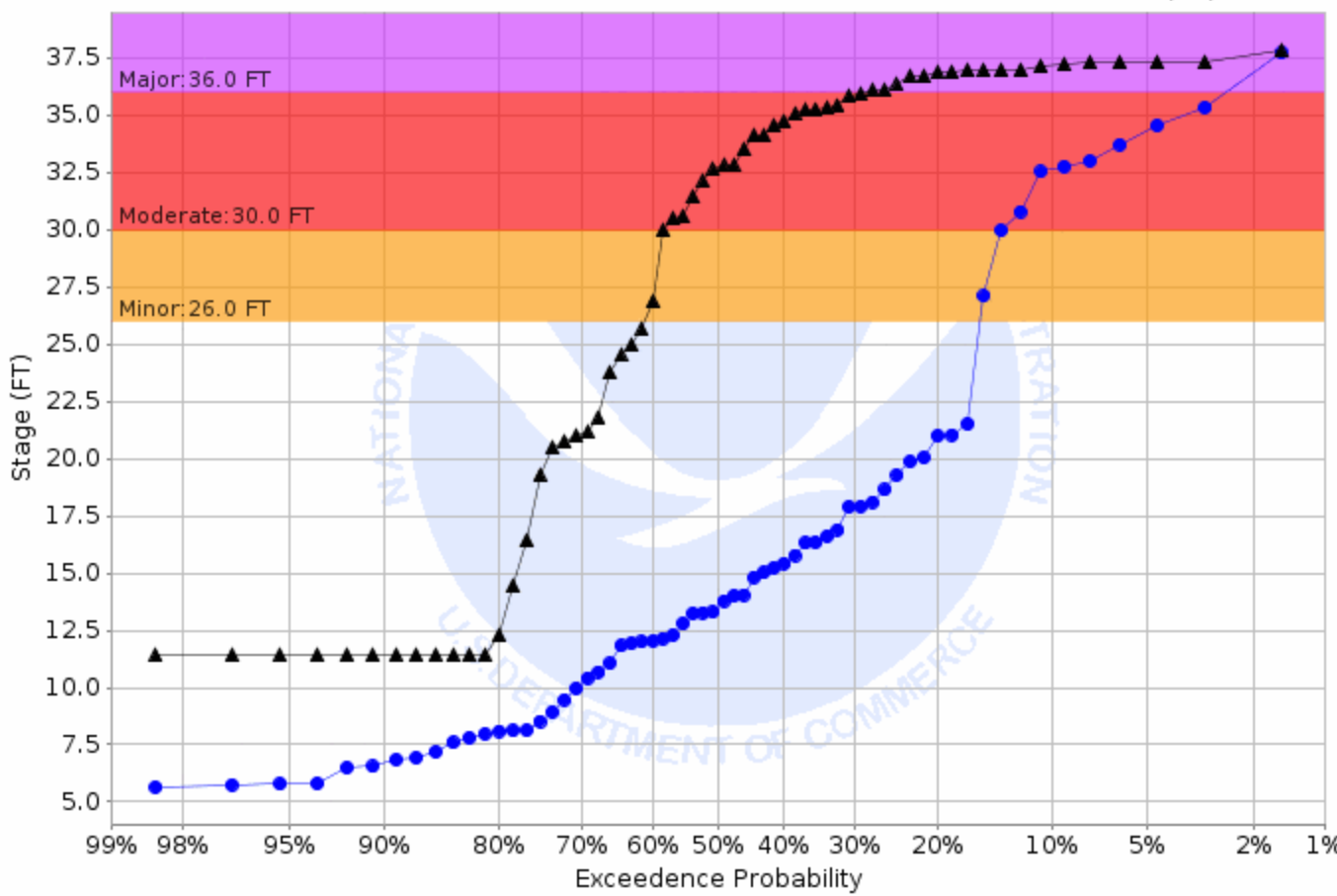
Chance of Exceeding River Stage at Red River of the North at East Grand Forks (EGFM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

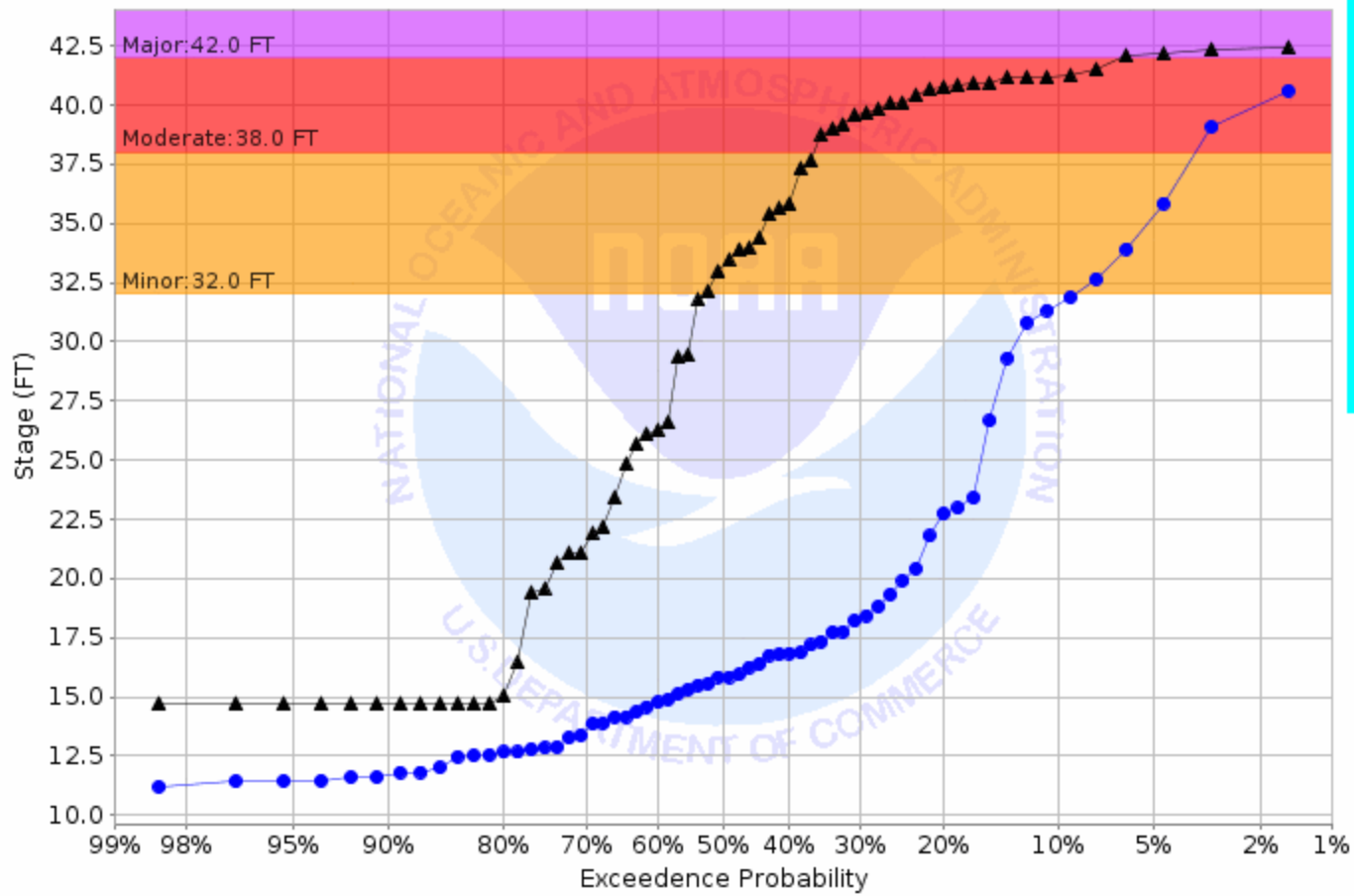
Chance of Exceeding River Stage at Red River of the North at Oslo (OSLM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

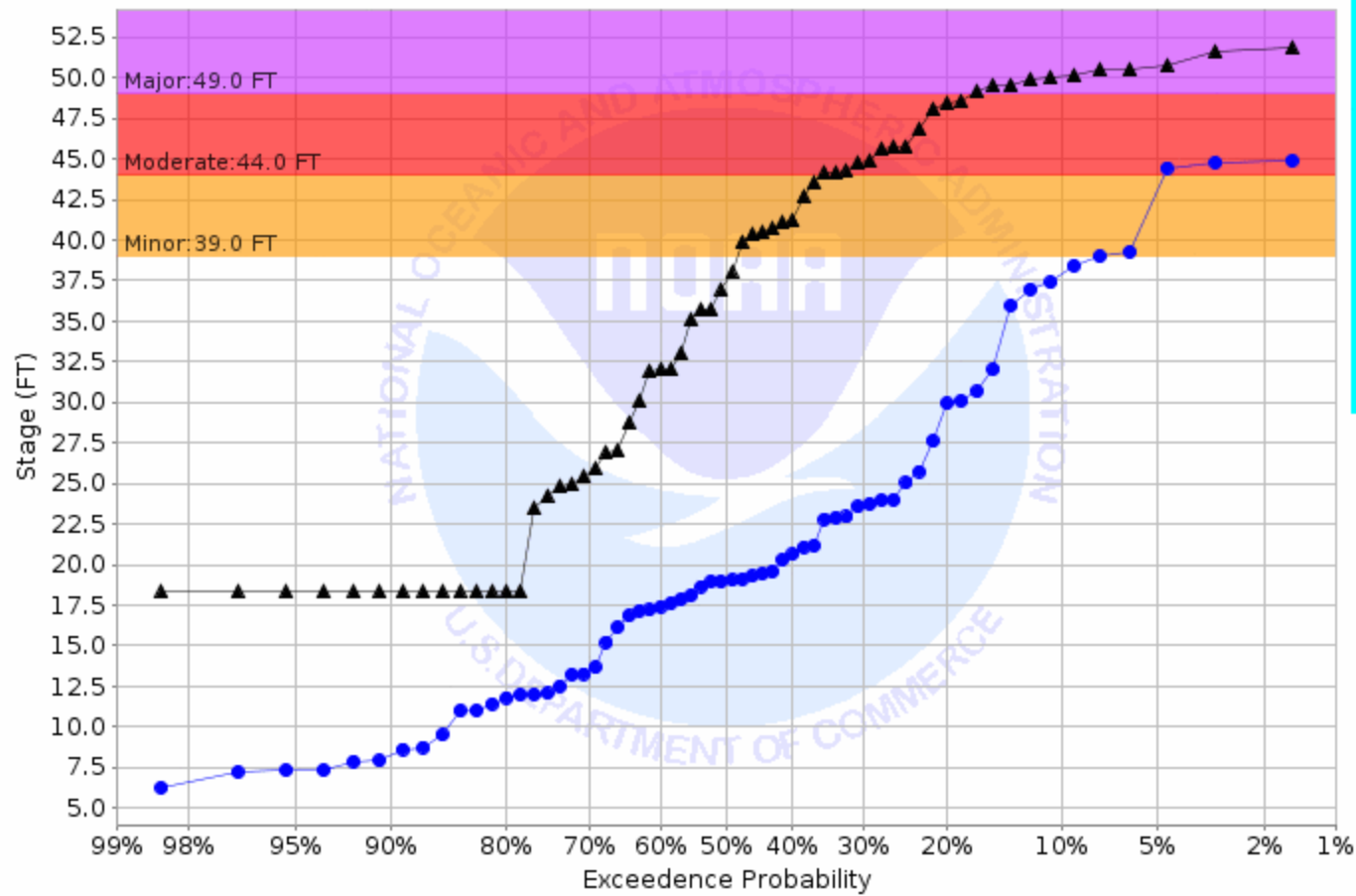
Chance of Exceeding River Stage at Red River of the North at Drayton 2NE - Hwy 66 Brdg (DRTN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

Chance of Exceeding River Stage at Red River of the North at Pembina (PBNN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019

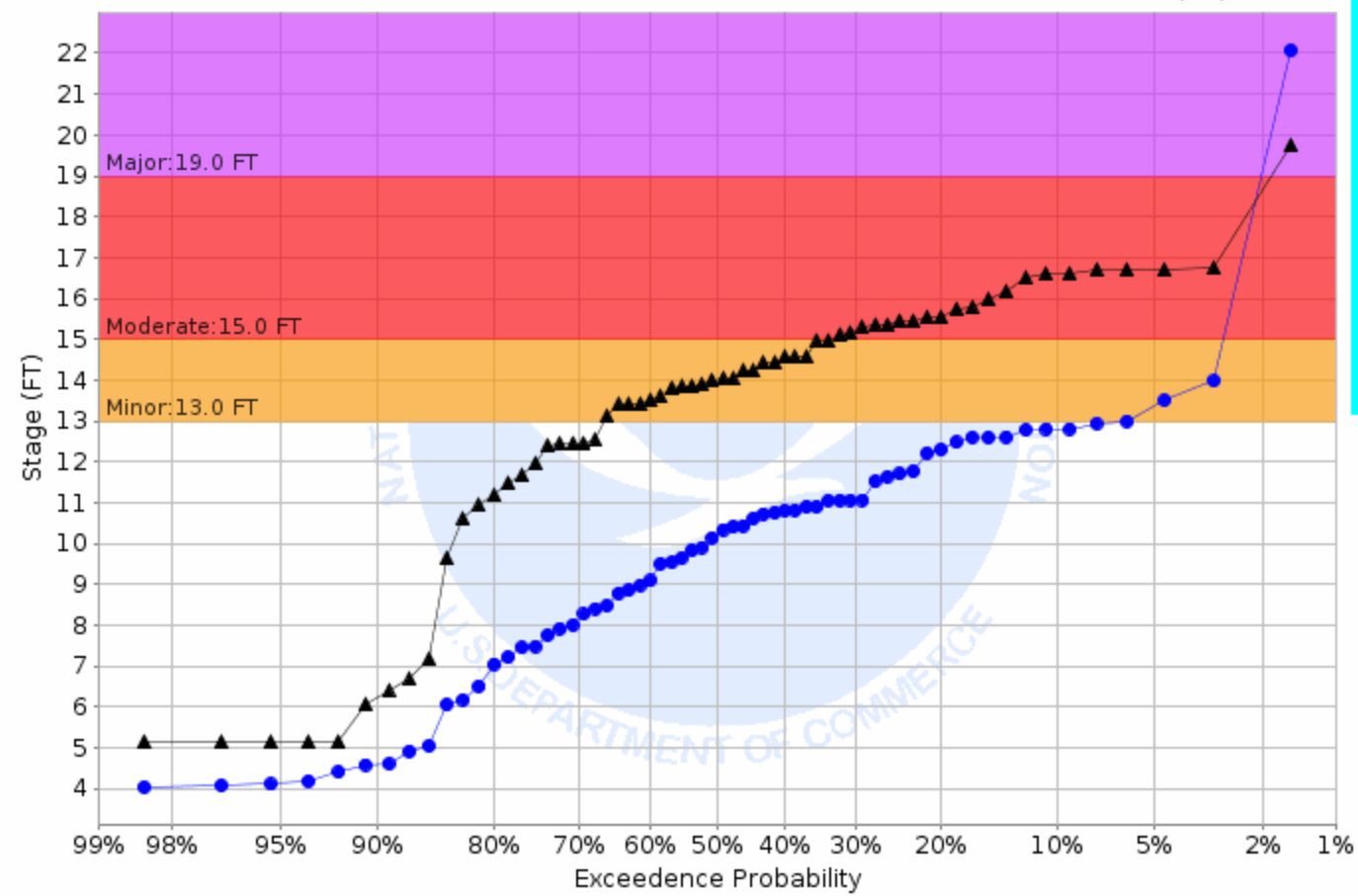


CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

Minnesota Tributaries

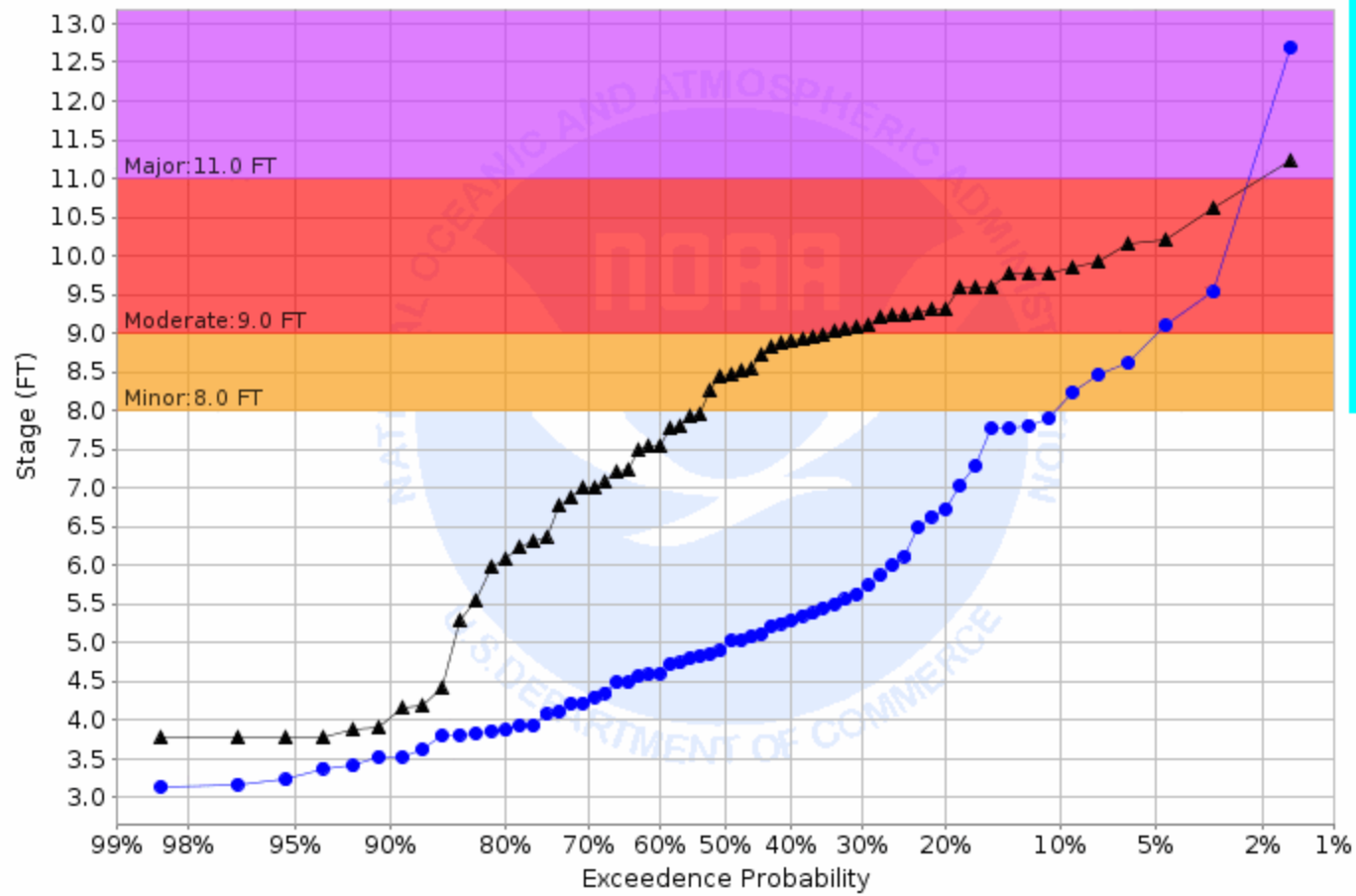
Chance of Exceeding River Stage at South Branch Buffalo River at Sabin 1E (SABM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

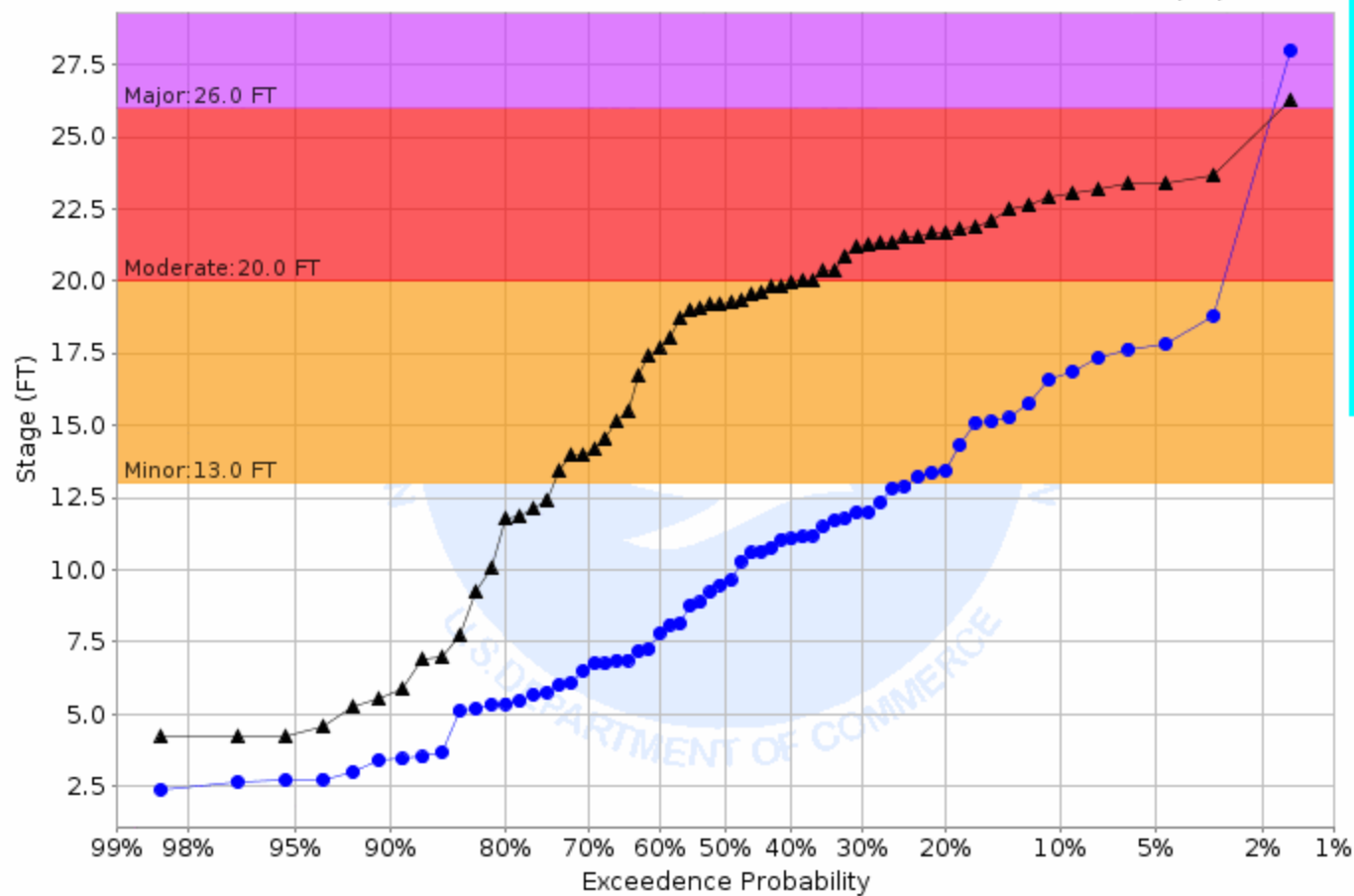
Chance of Exceeding River Stage at Buffalo River at Hawley 2SW (HWYM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

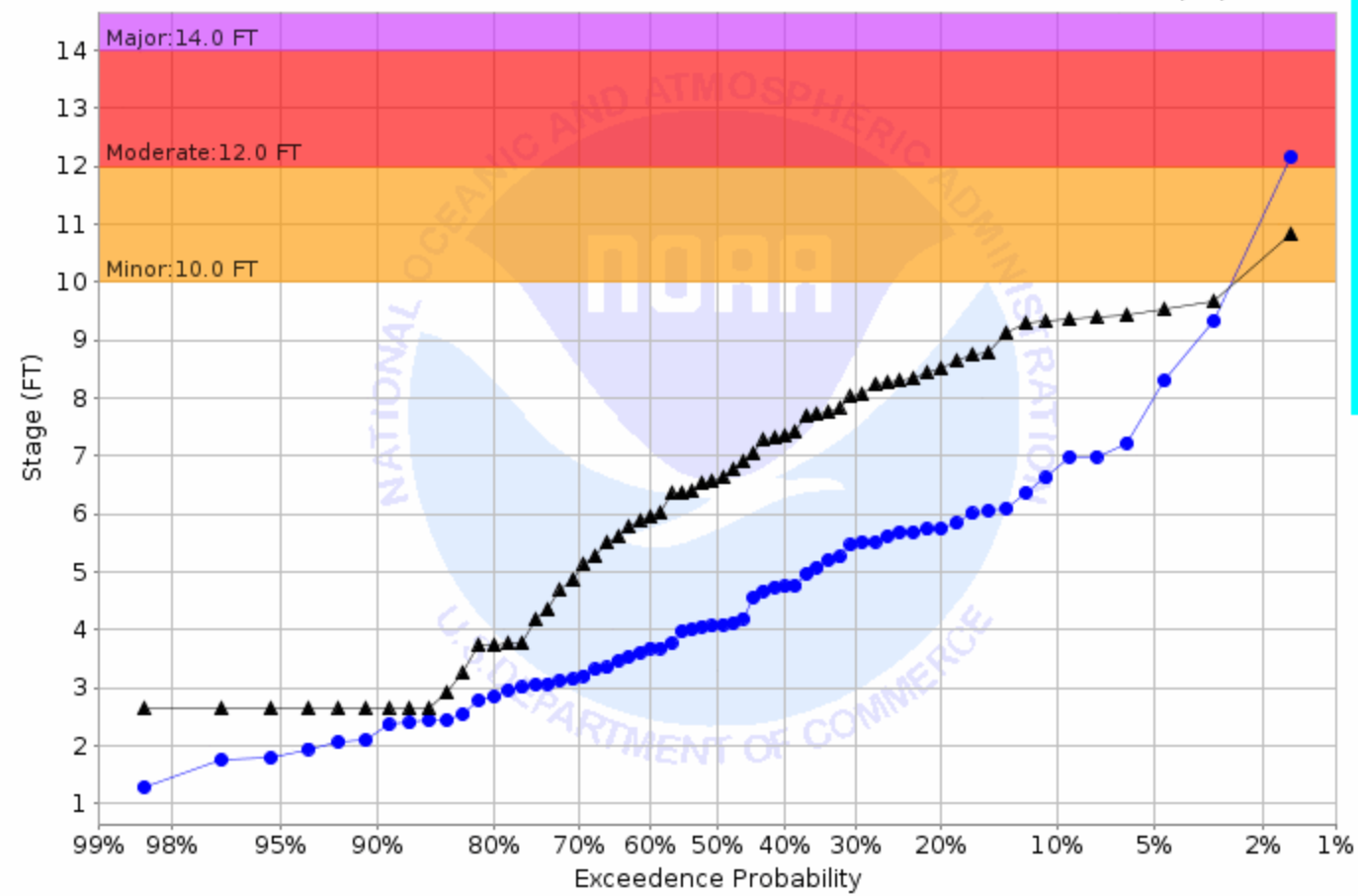
Chance of Exceeding River Stage at Buffalo River at Dilworth 7NE (DILM5)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

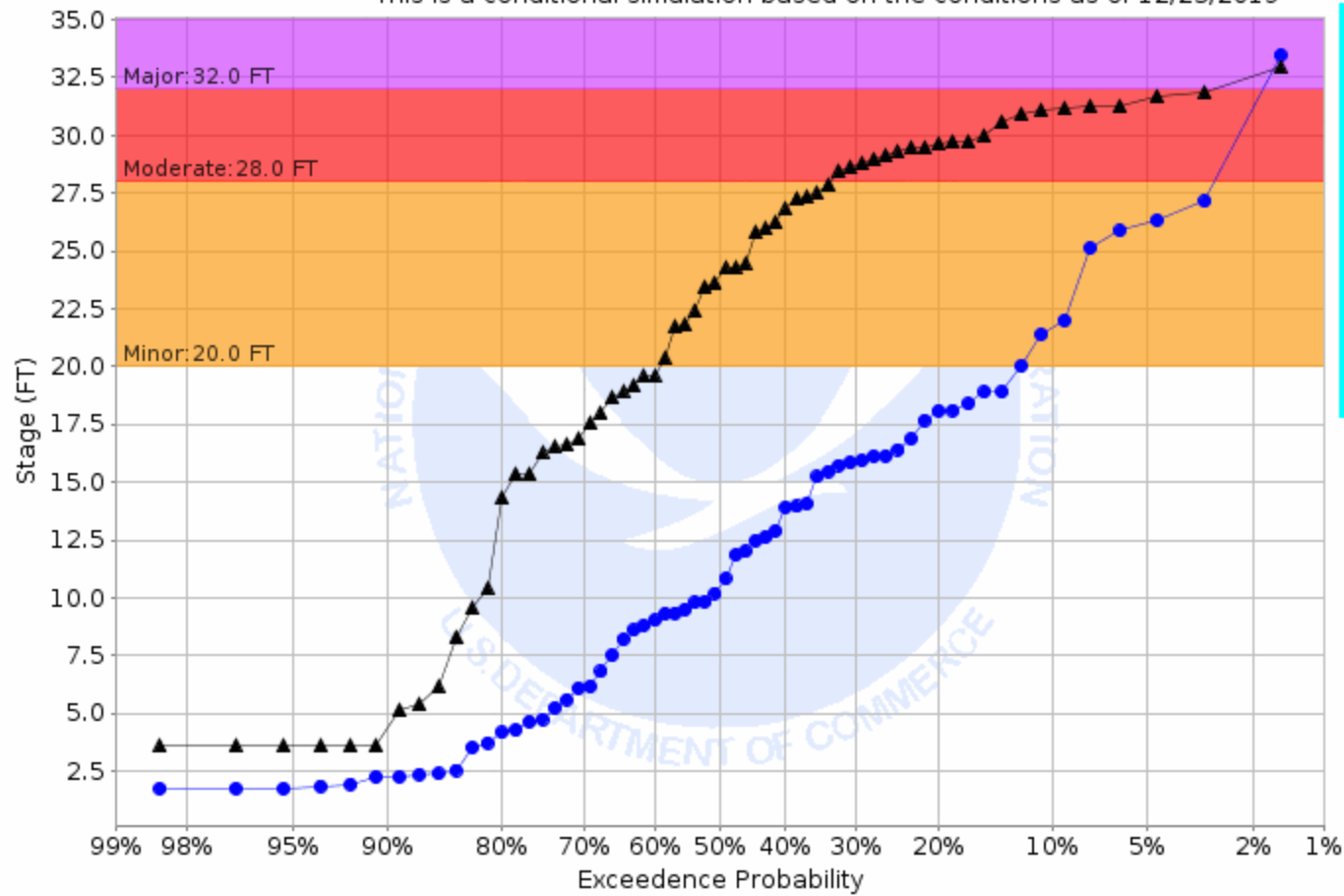
Chance of Exceeding River Stage at Wild Rice River at Twin Valley 1NE (TWVM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

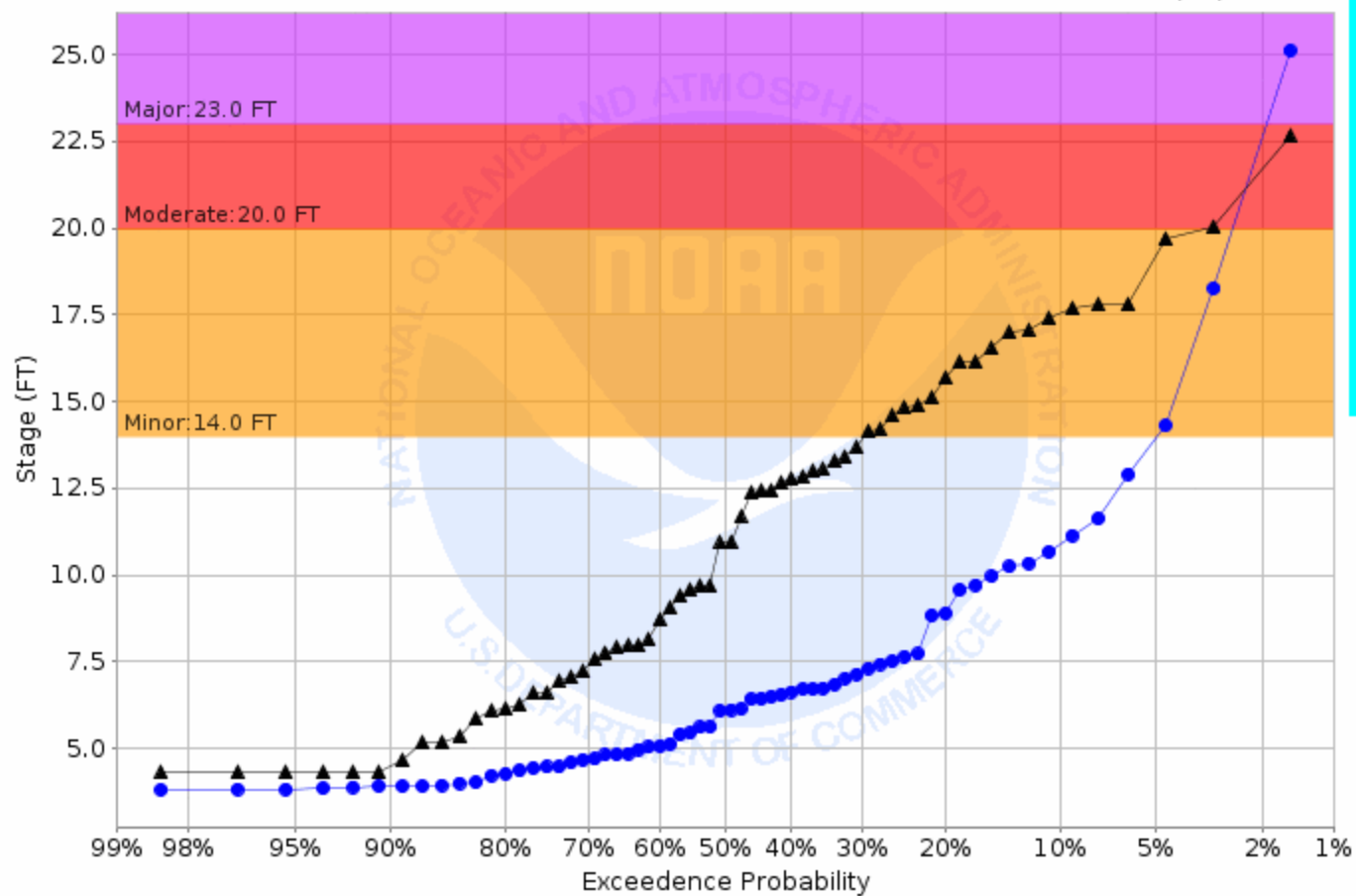
Chance of Exceeding River Stage at Wild Rice River at Hendrum (HNDM5)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

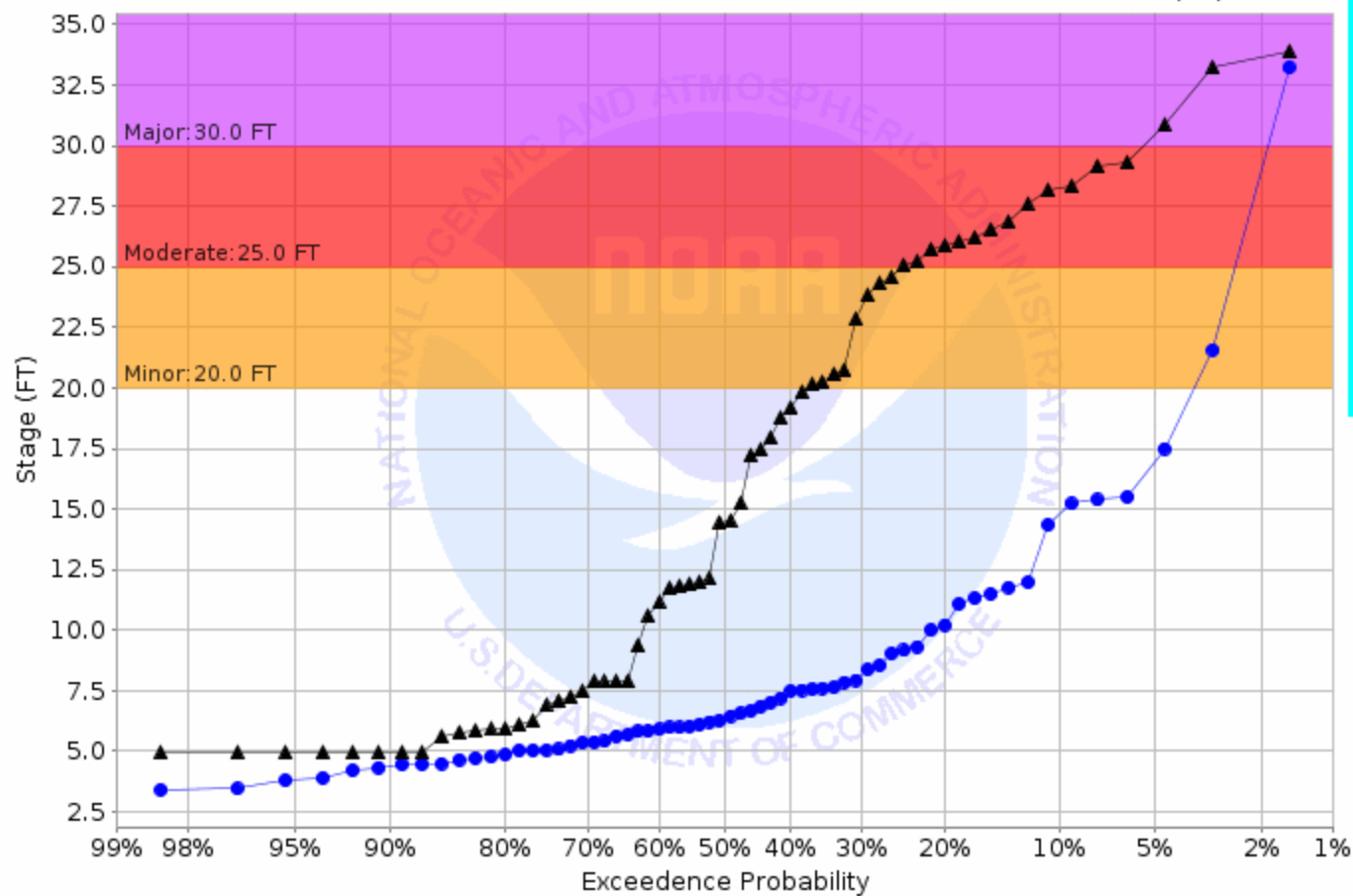
Chance of Exceeding River Stage at Marsh River at Shelly 4SE (SHYM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

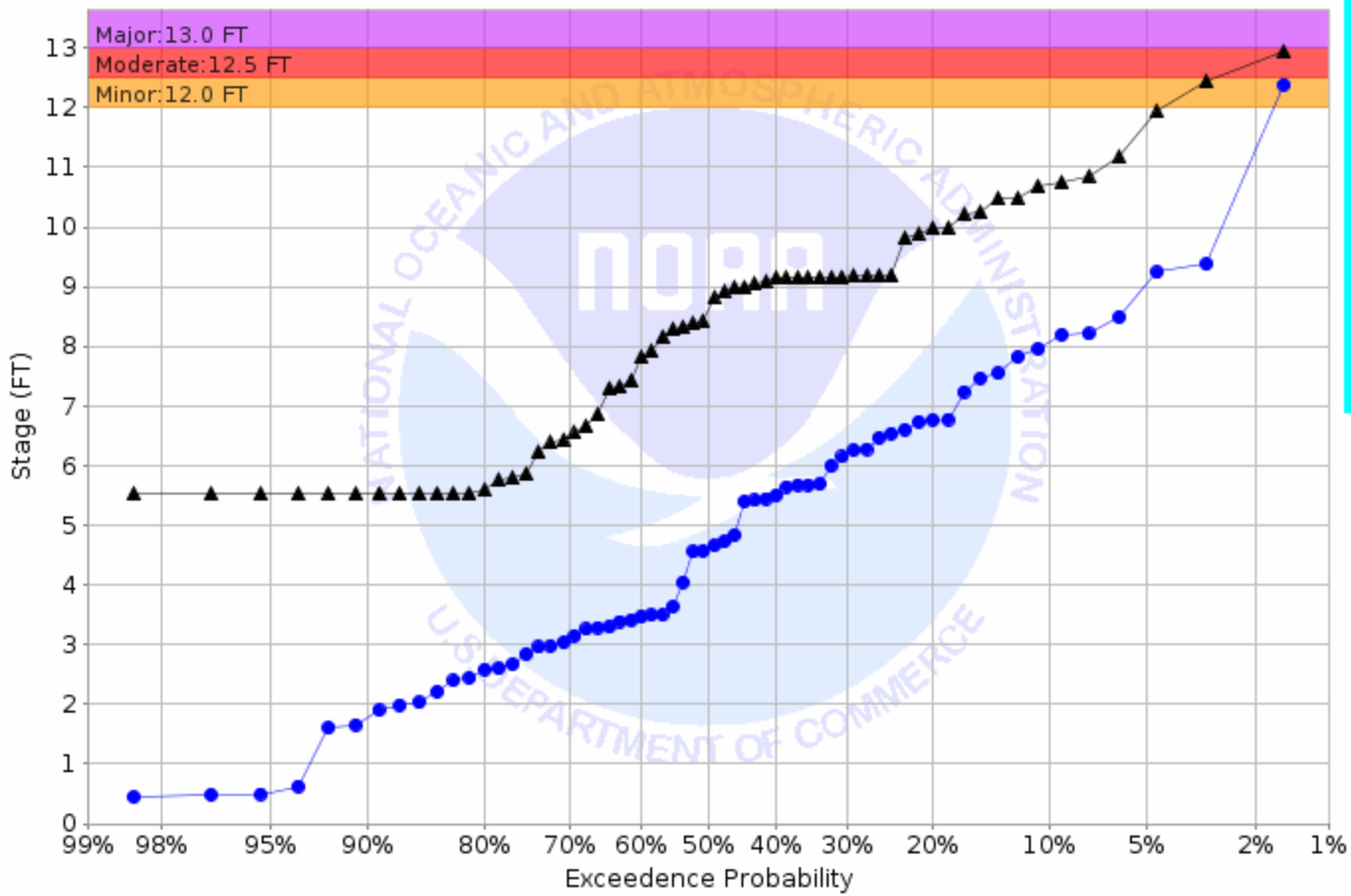
Chance of Exceeding River Stage at Sand Hill River at Climax (CLXM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

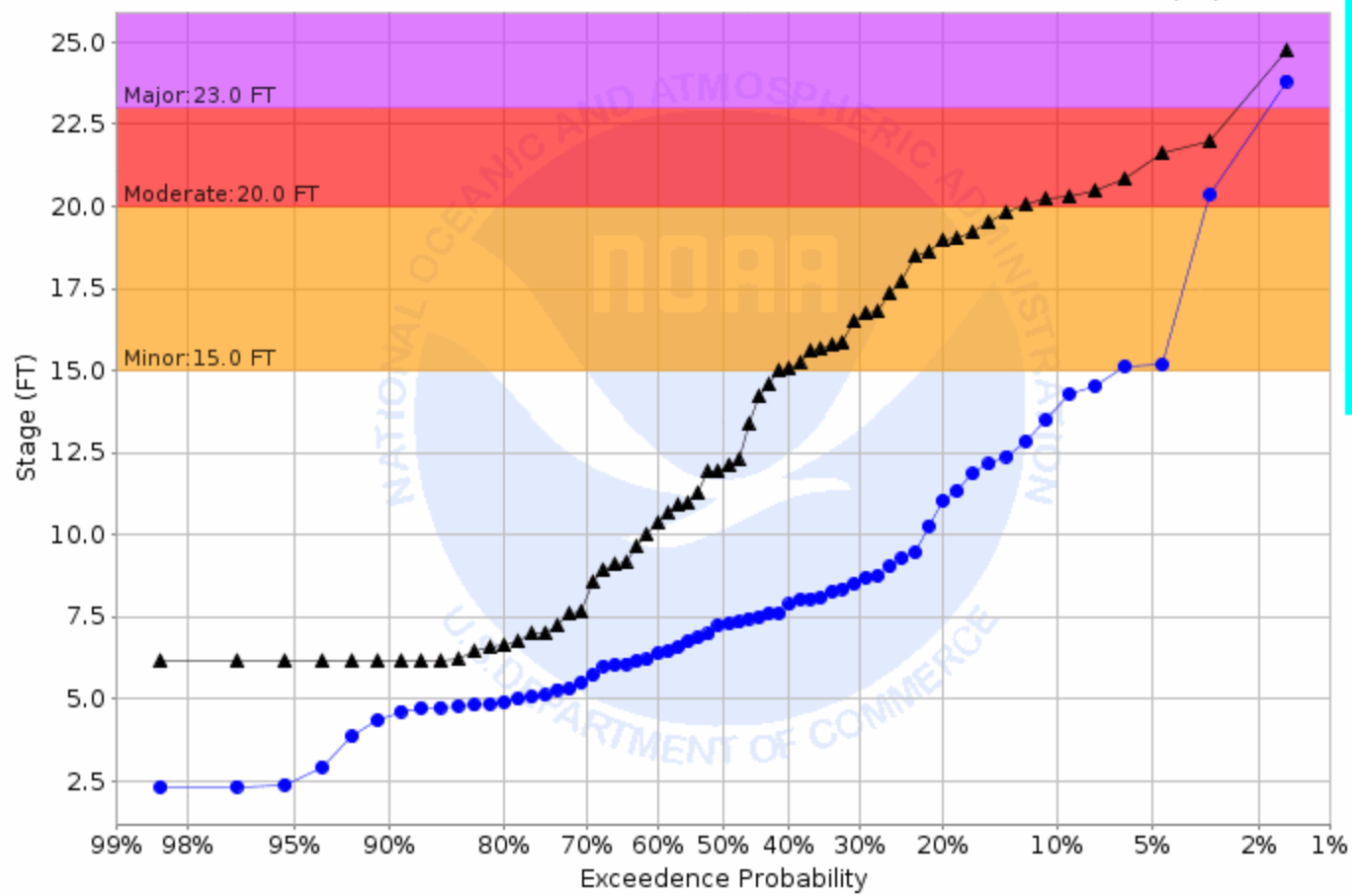
Chance of Exceeding River Stage at Red Lake River at High Landing (HIGM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

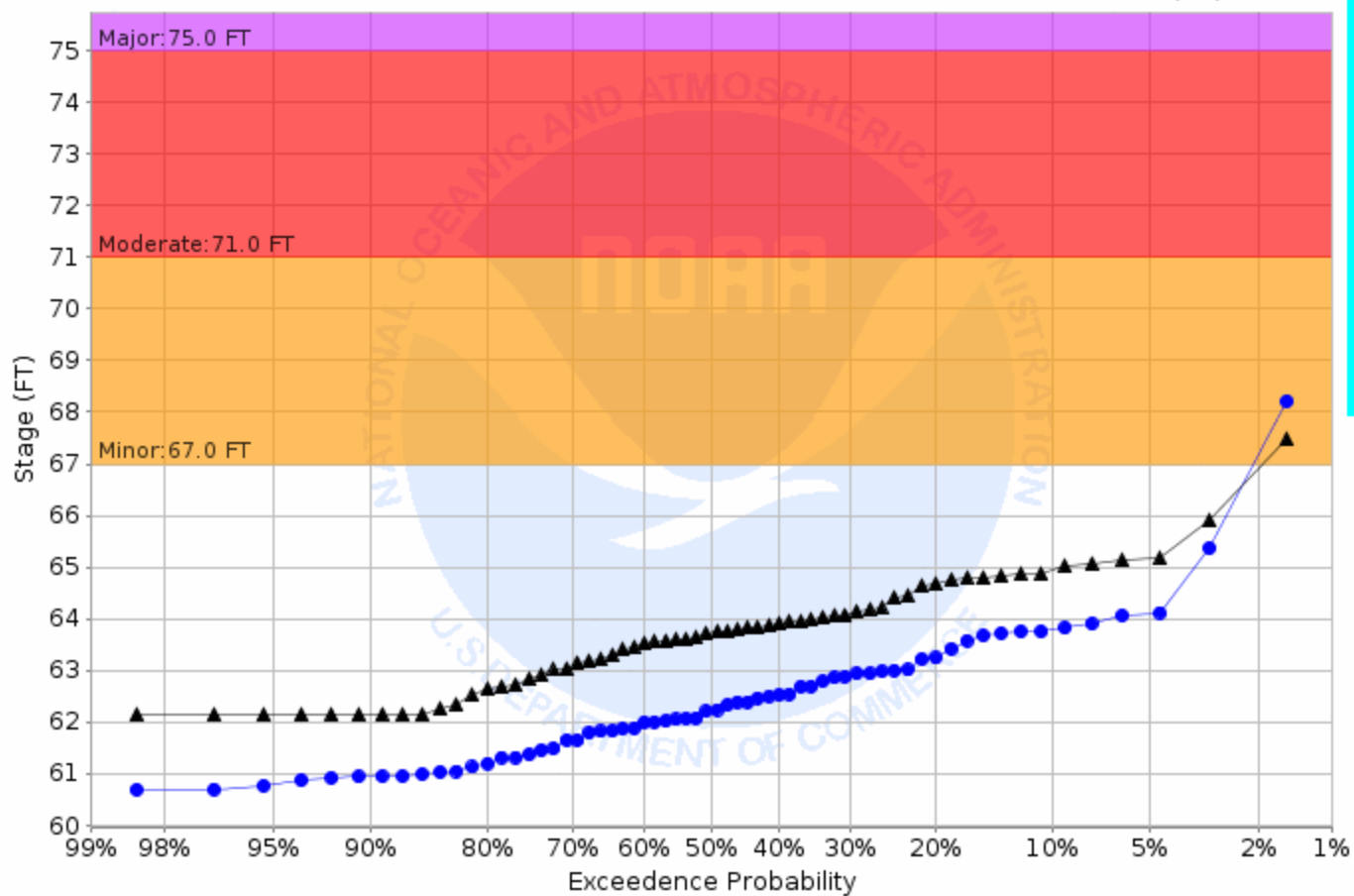
Chance of Exceeding River Stage at Red Lake River at Crookston (CRKM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

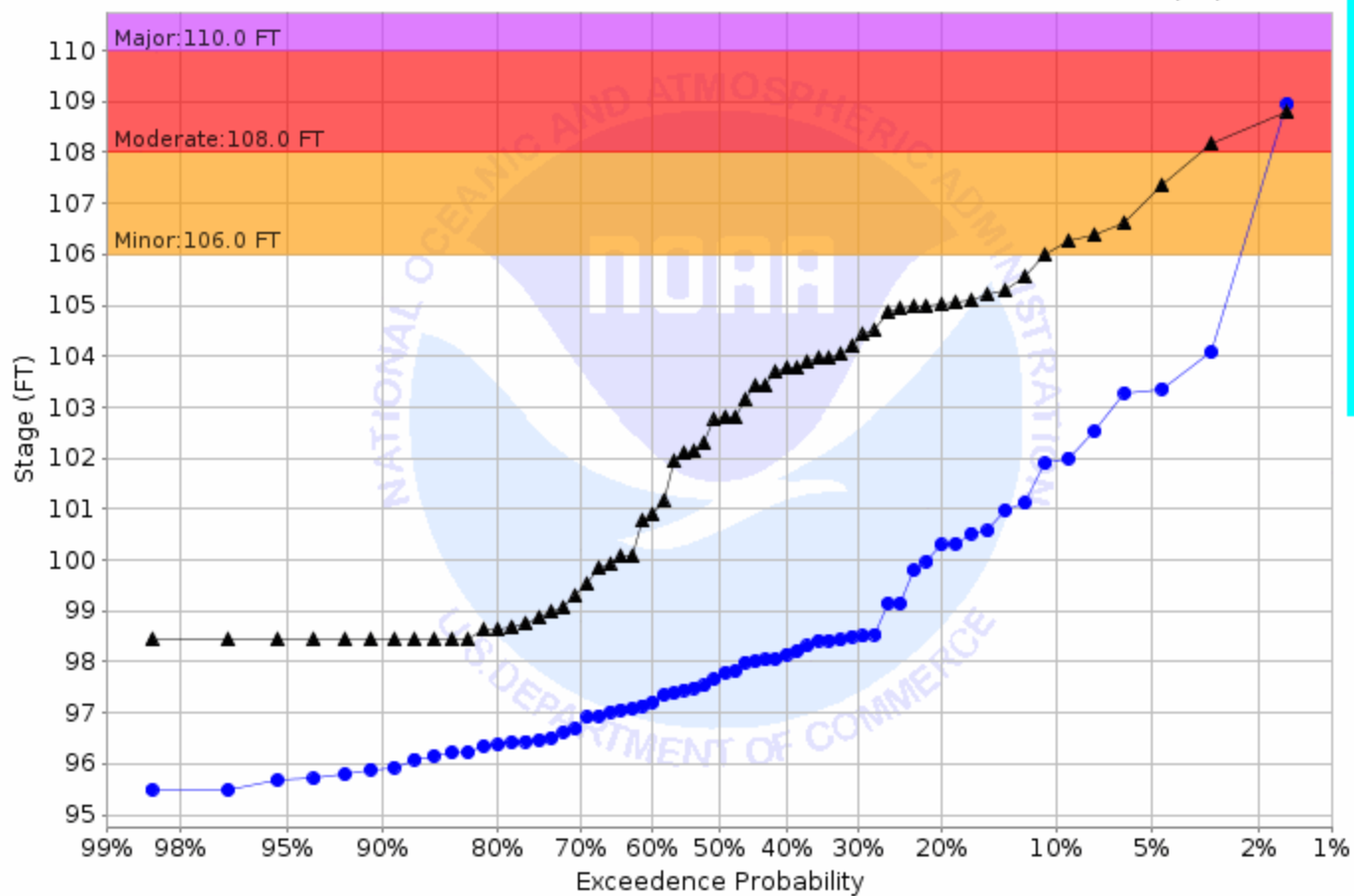
Chance of Exceeding River Stage at Snake River at Warren 3ENE-Morkassel Brdg (MKLM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

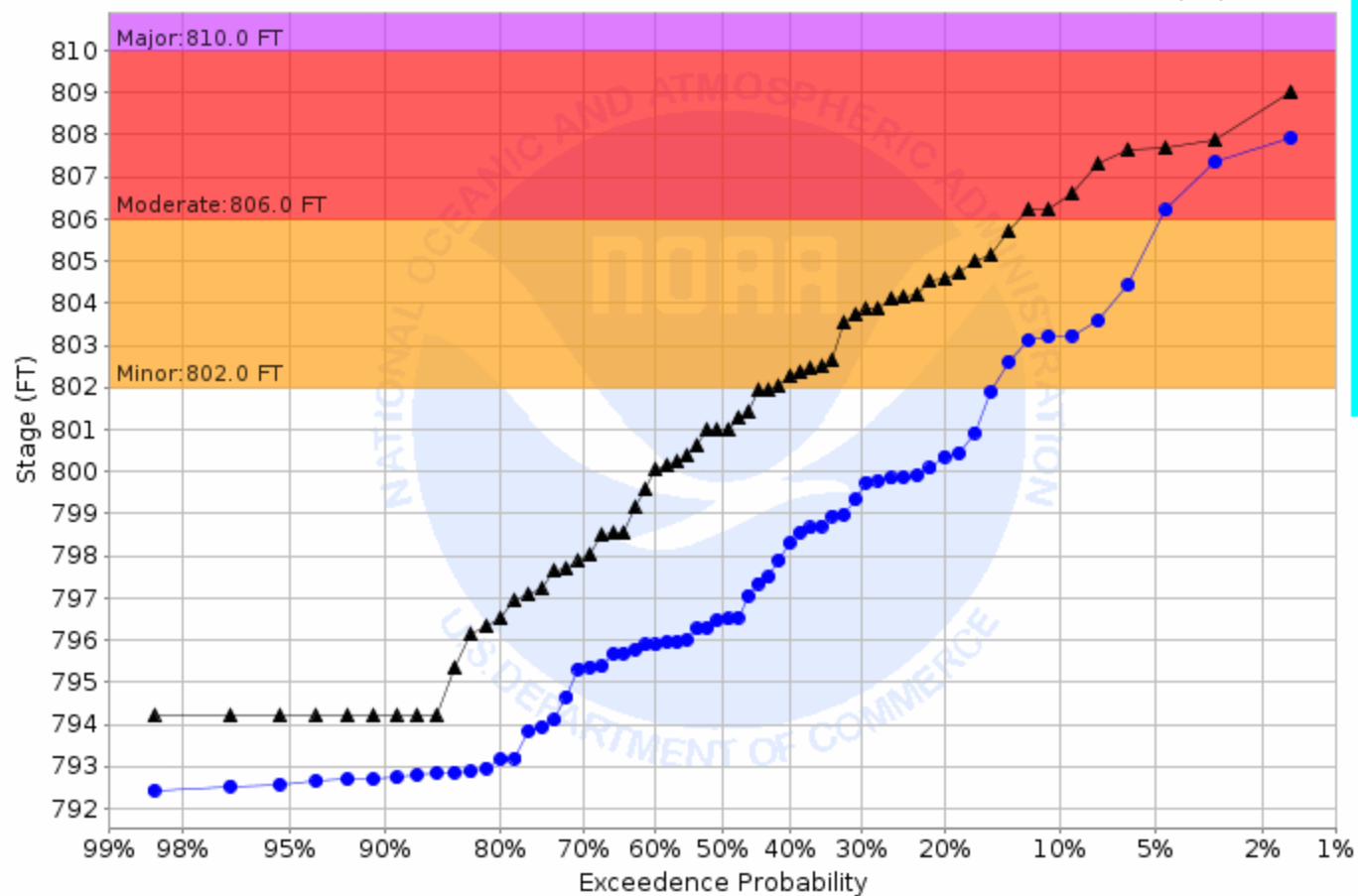
Chance of Exceeding River Stage at Snake River at Alvarado (ALVM5)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

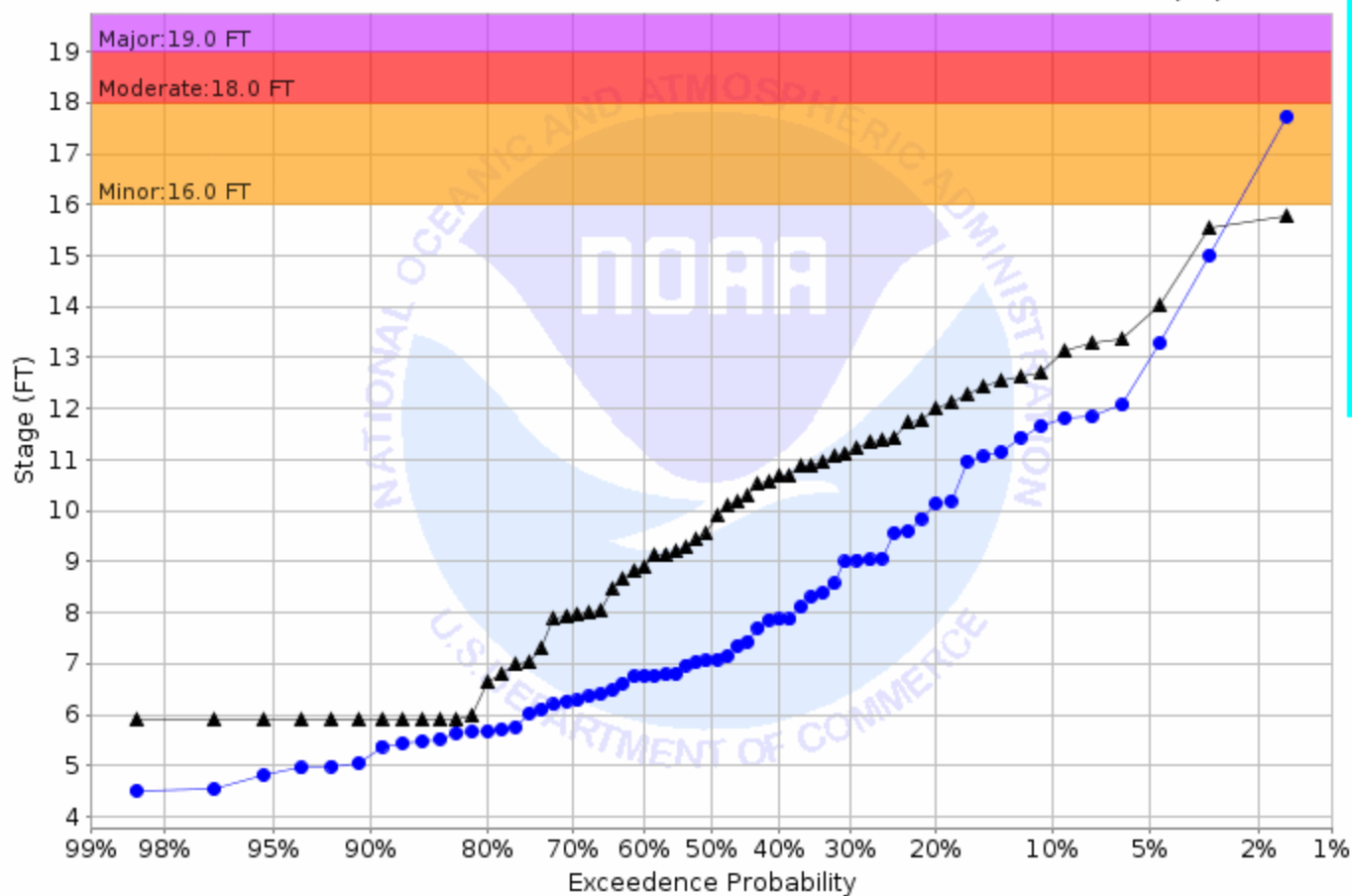
Chance of Exceeding River Stage at Two Rivers River at Hallock (HLLM5)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

Chance of Exceeding River Stage at Roseau River at Roseau - Center St Brdg (ROSM5)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019

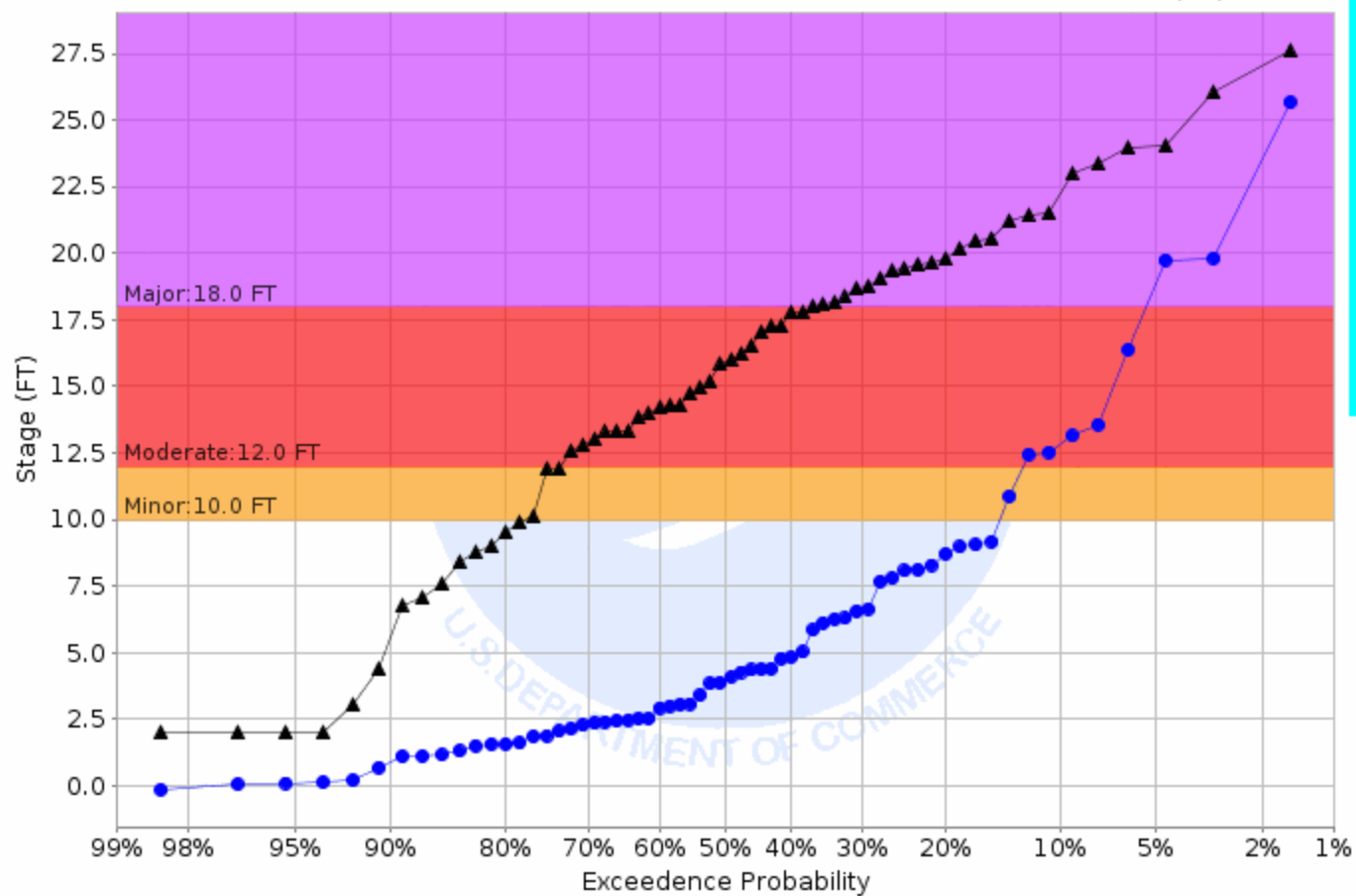


CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

North Dakota Tributaries

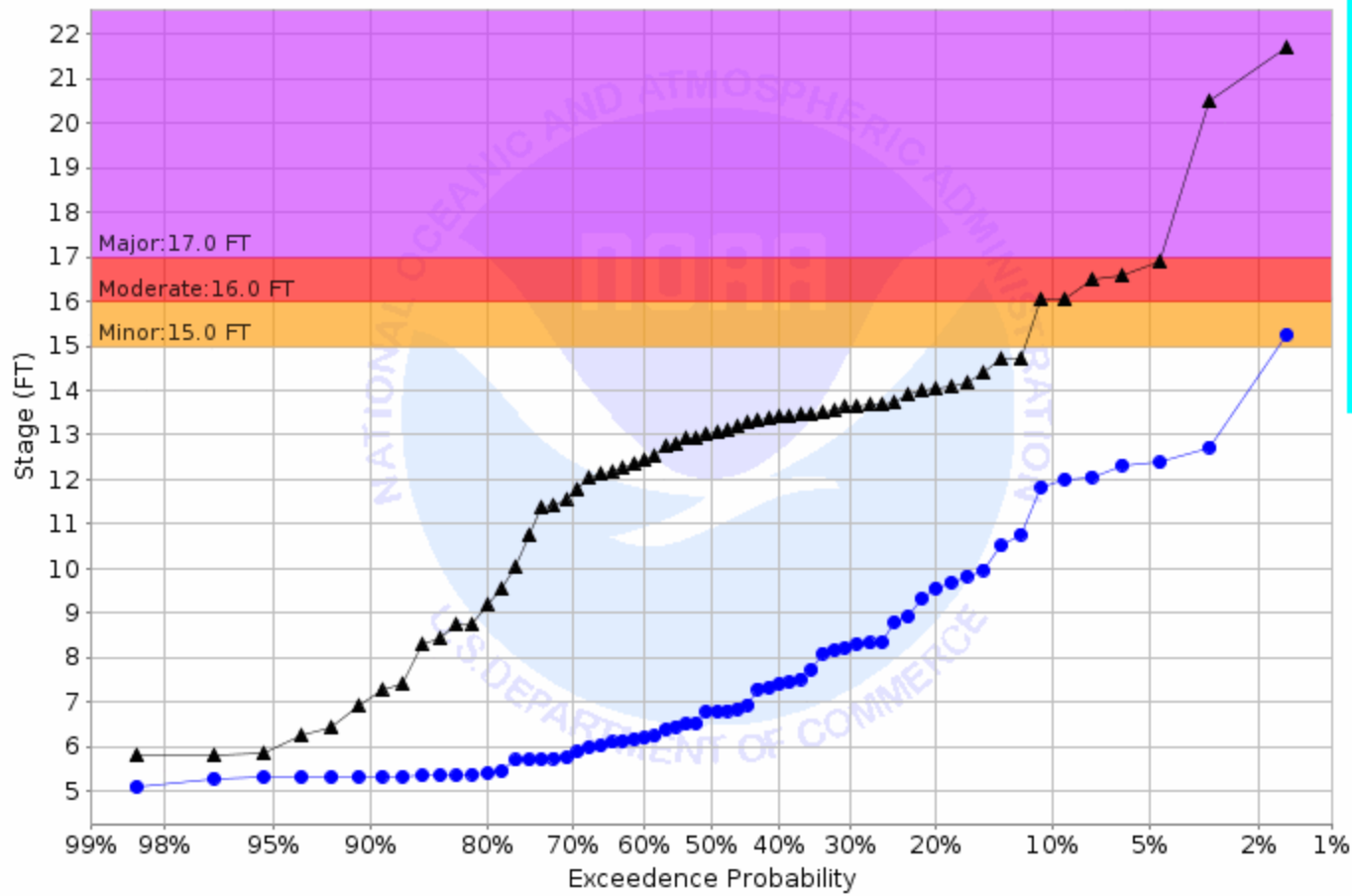
Chance of Exceeding River Stage at Wild Rice River at Abercrombie 2WNW (ABRN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

▲ Conditional Simulation
 ● Historical Simulation

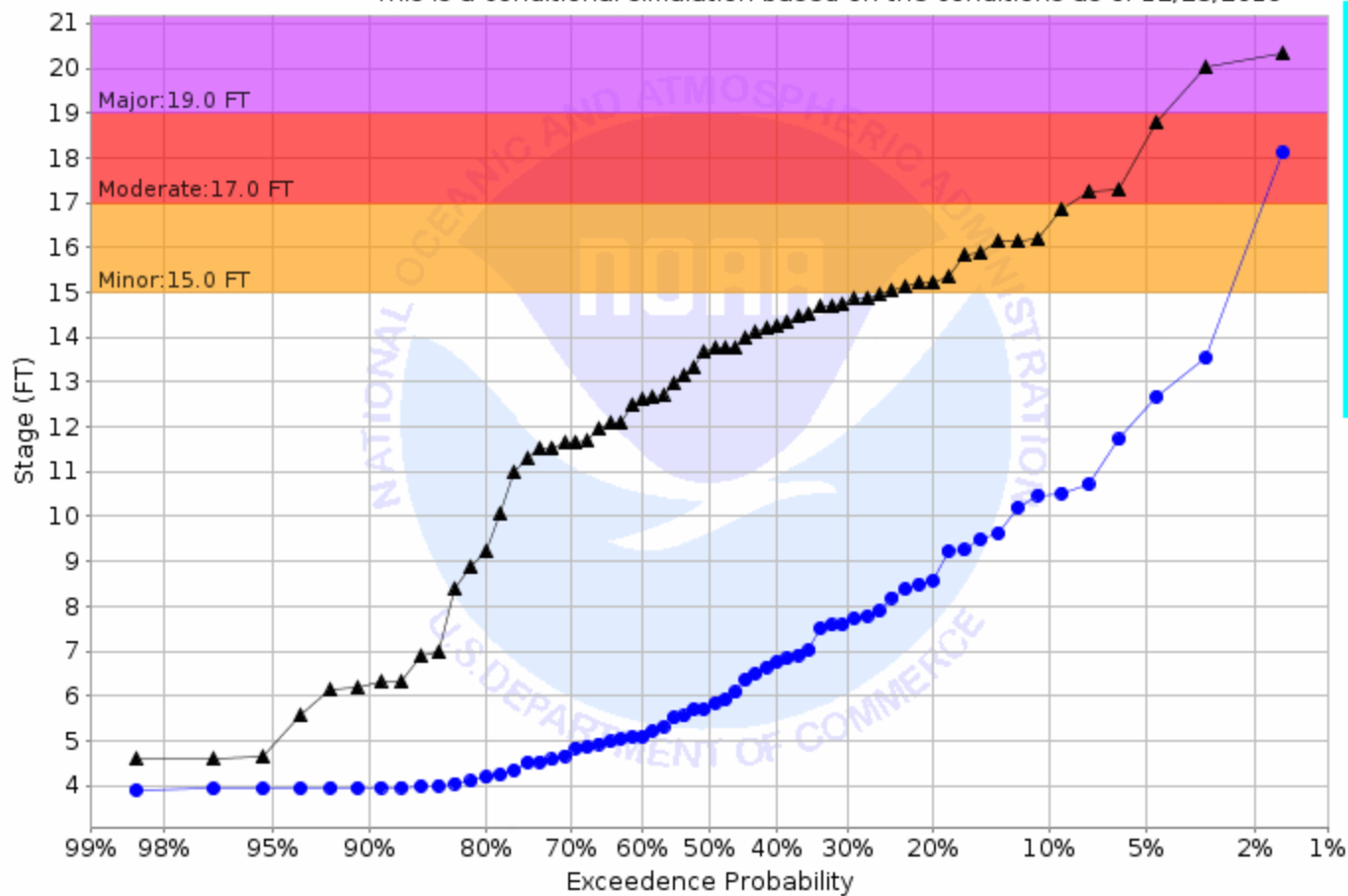
Chance of Exceeding River Stage at Sheyenne River at Valley City (VCRN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

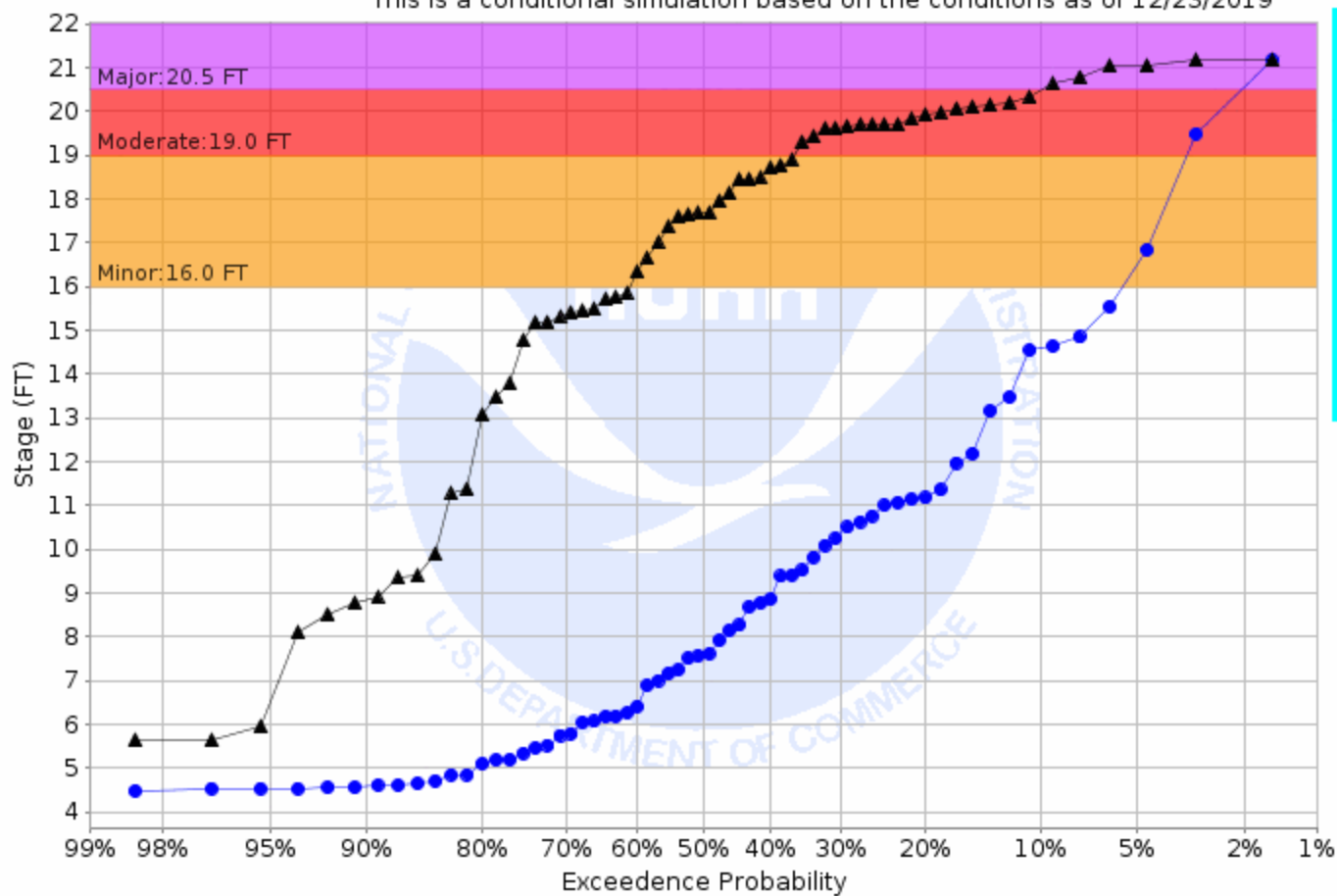
Chance of Exceeding River Stage at Sheyenne River at Lisbon (LBNN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

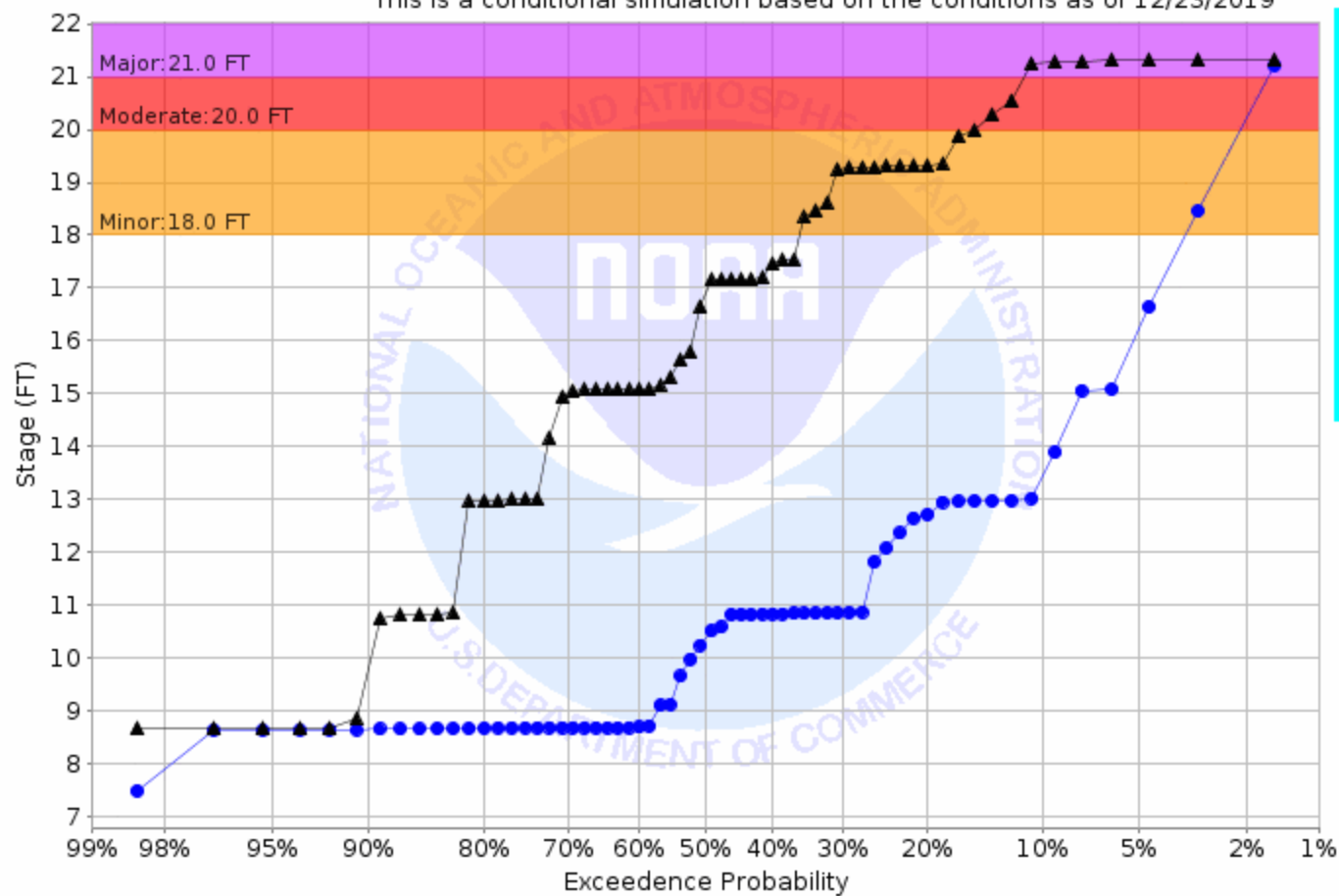
Chance of Exceeding River Stage at Sheyenne River at Kindred 2SE (KNDN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

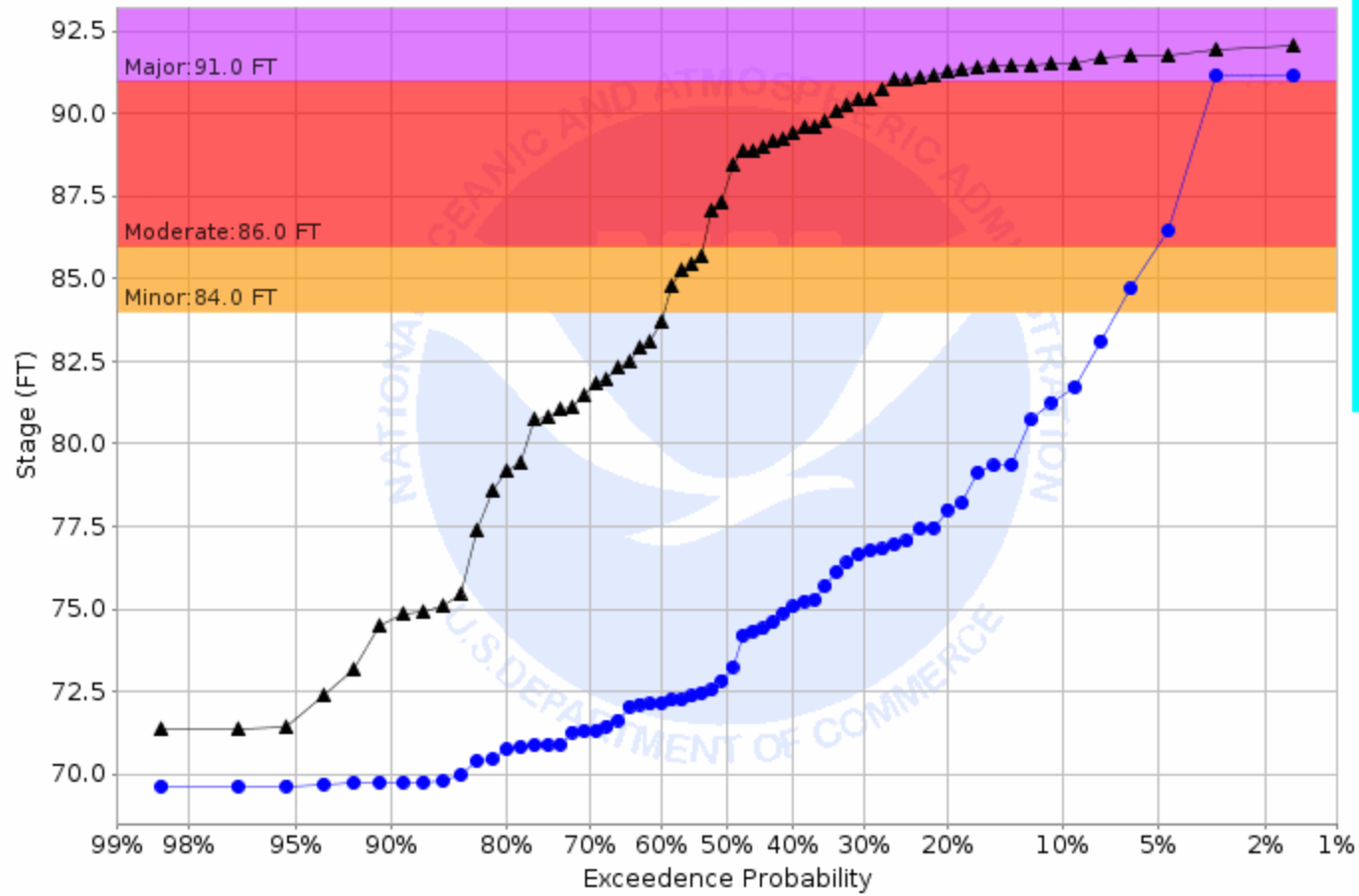
Chance of Exceeding River Stage at Sheyenne River Diversion at West Fargo (WFON8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

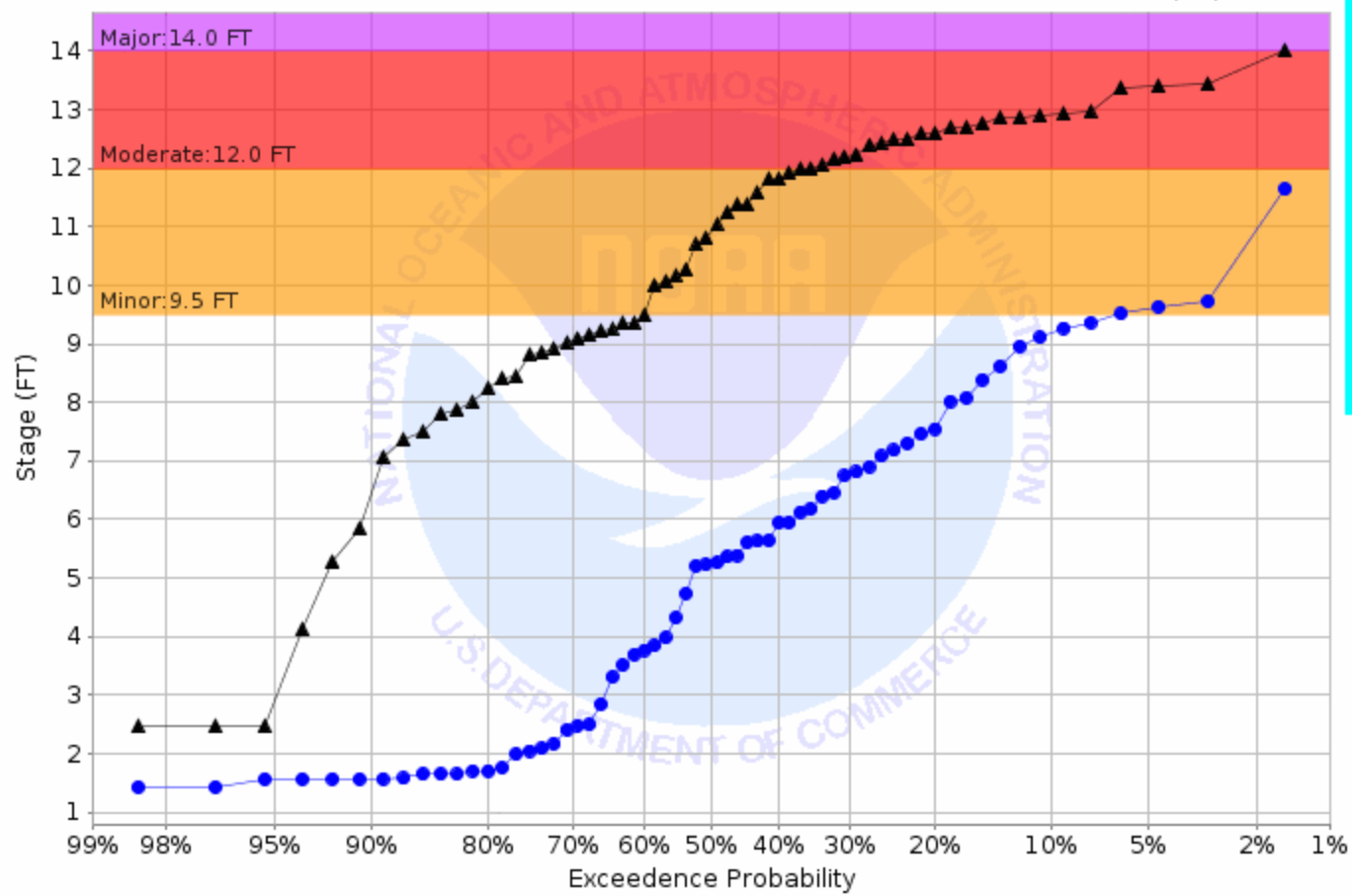
Chance of Exceeding River Stage at Sheyenne River at Harwood (HWDN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

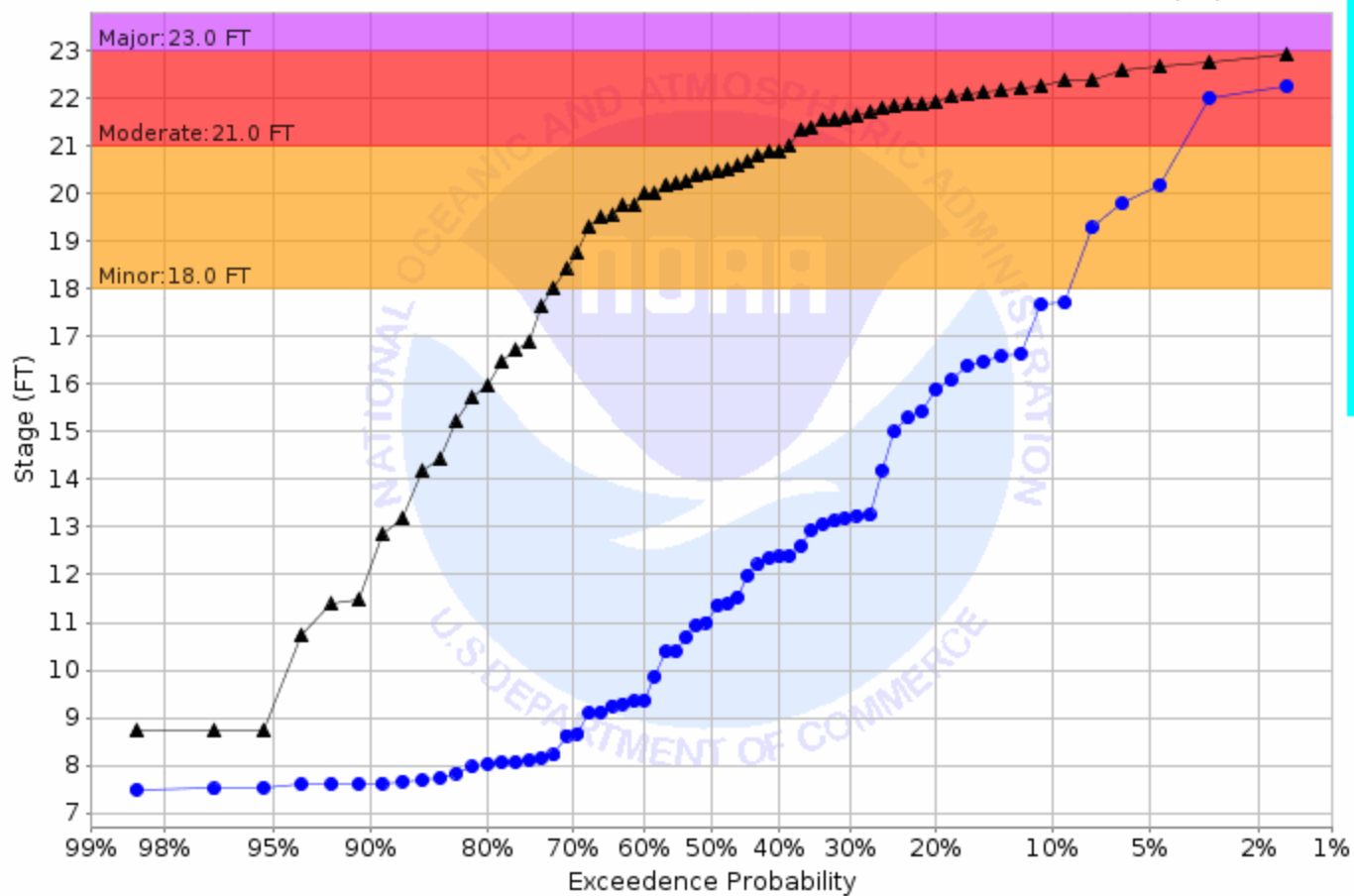
Chance of Exceeding River Stage at Maple River at Enderlin 1E (ENDN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

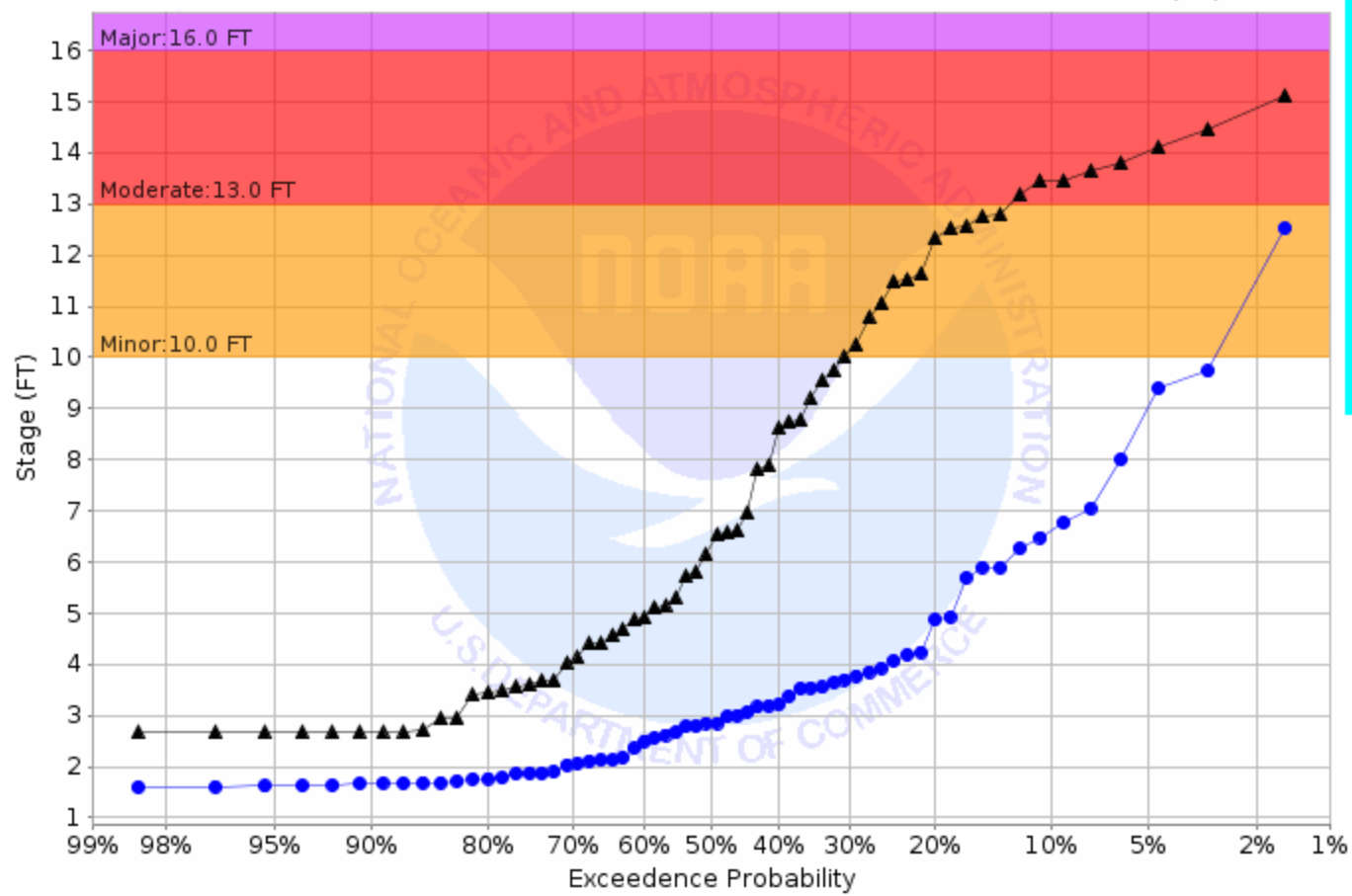
Chance of Exceeding River Stage at Maple River at Mapleton 3SW (MPLN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

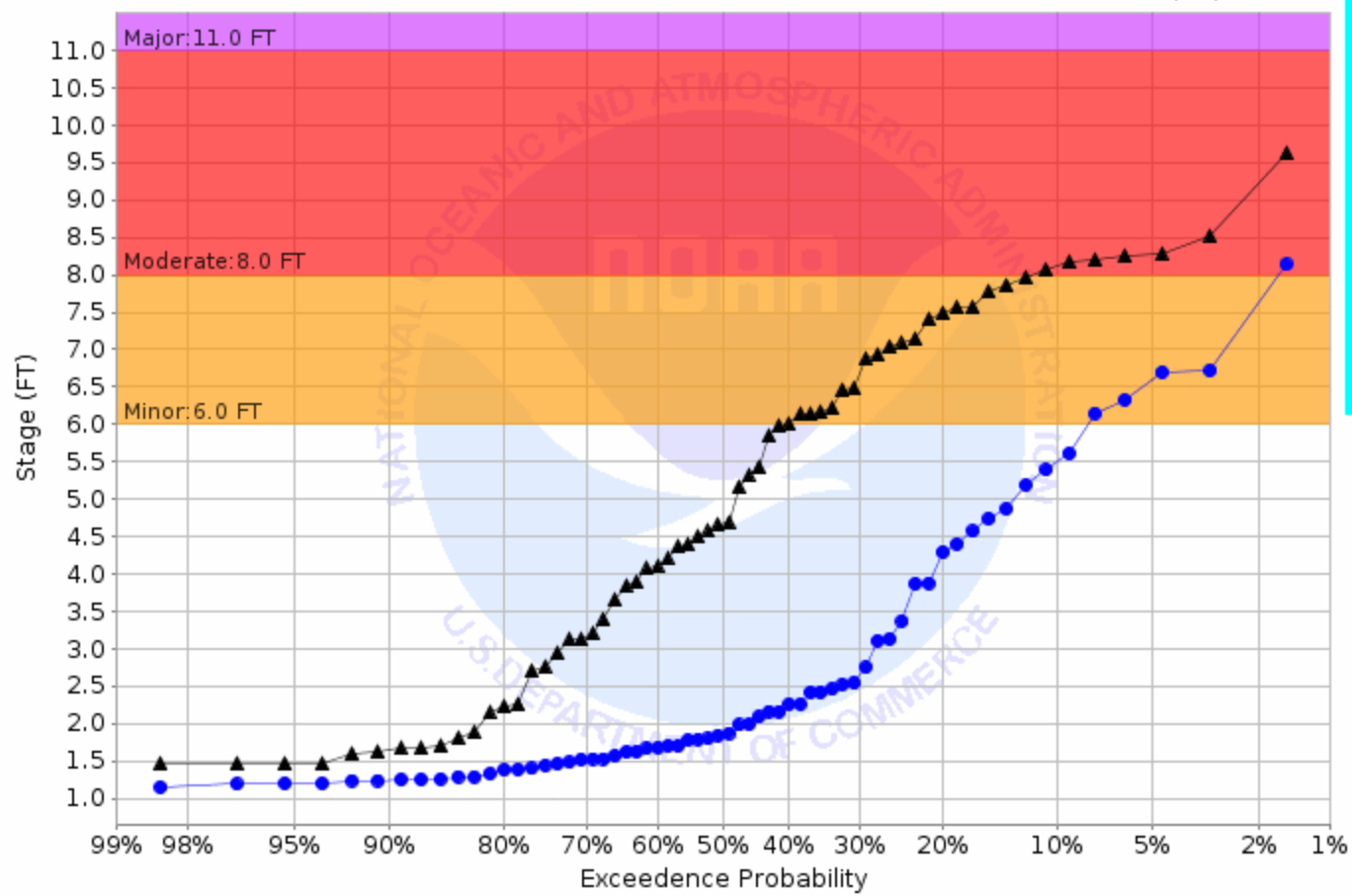
Chance of Exceeding River Stage at Goose River at Hillsboro (HGRN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

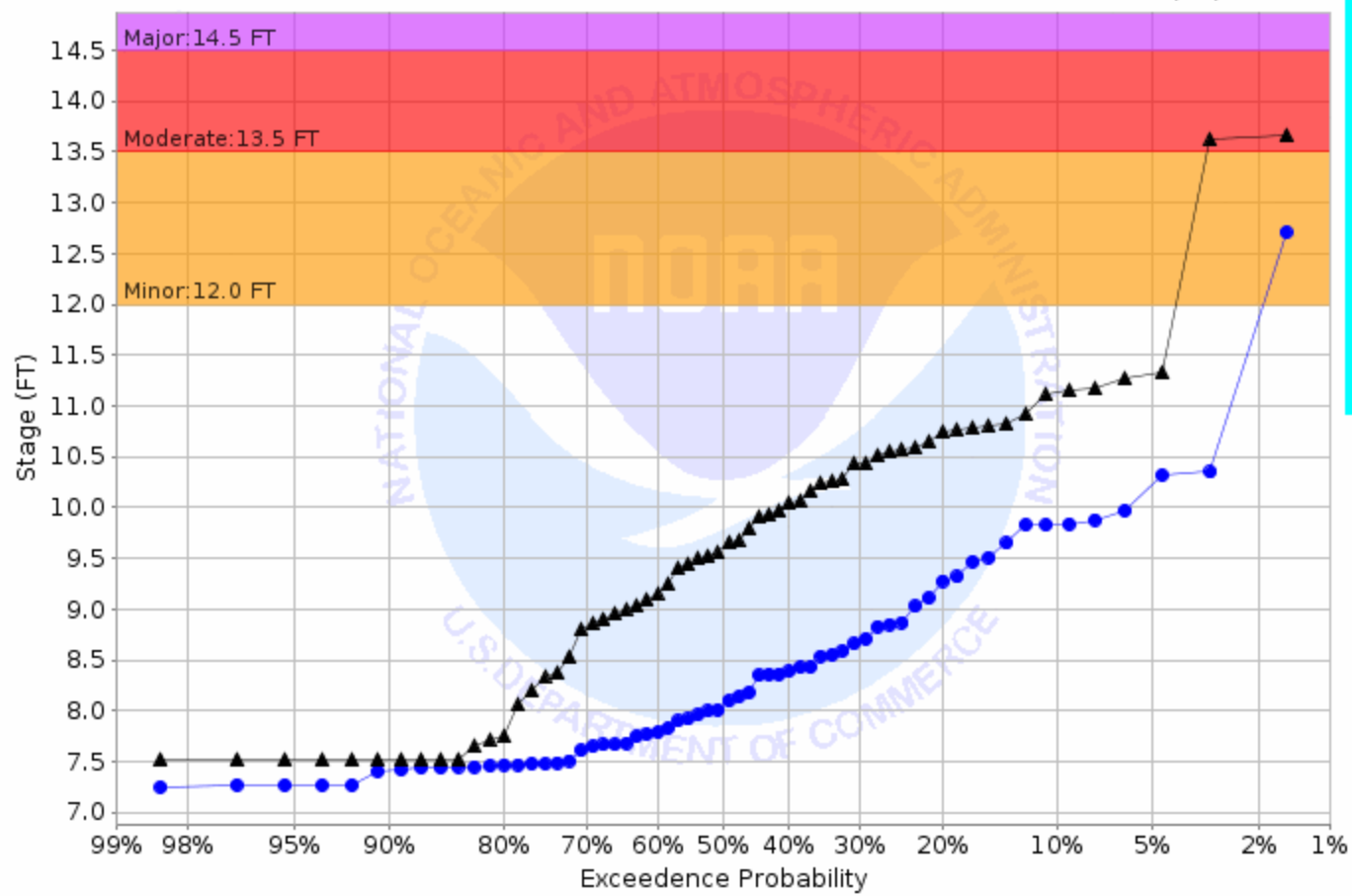
Chance of Exceeding River Stage at Forest River at Minto (MTON8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

▲ Conditional Simulation
● Historical Simulation

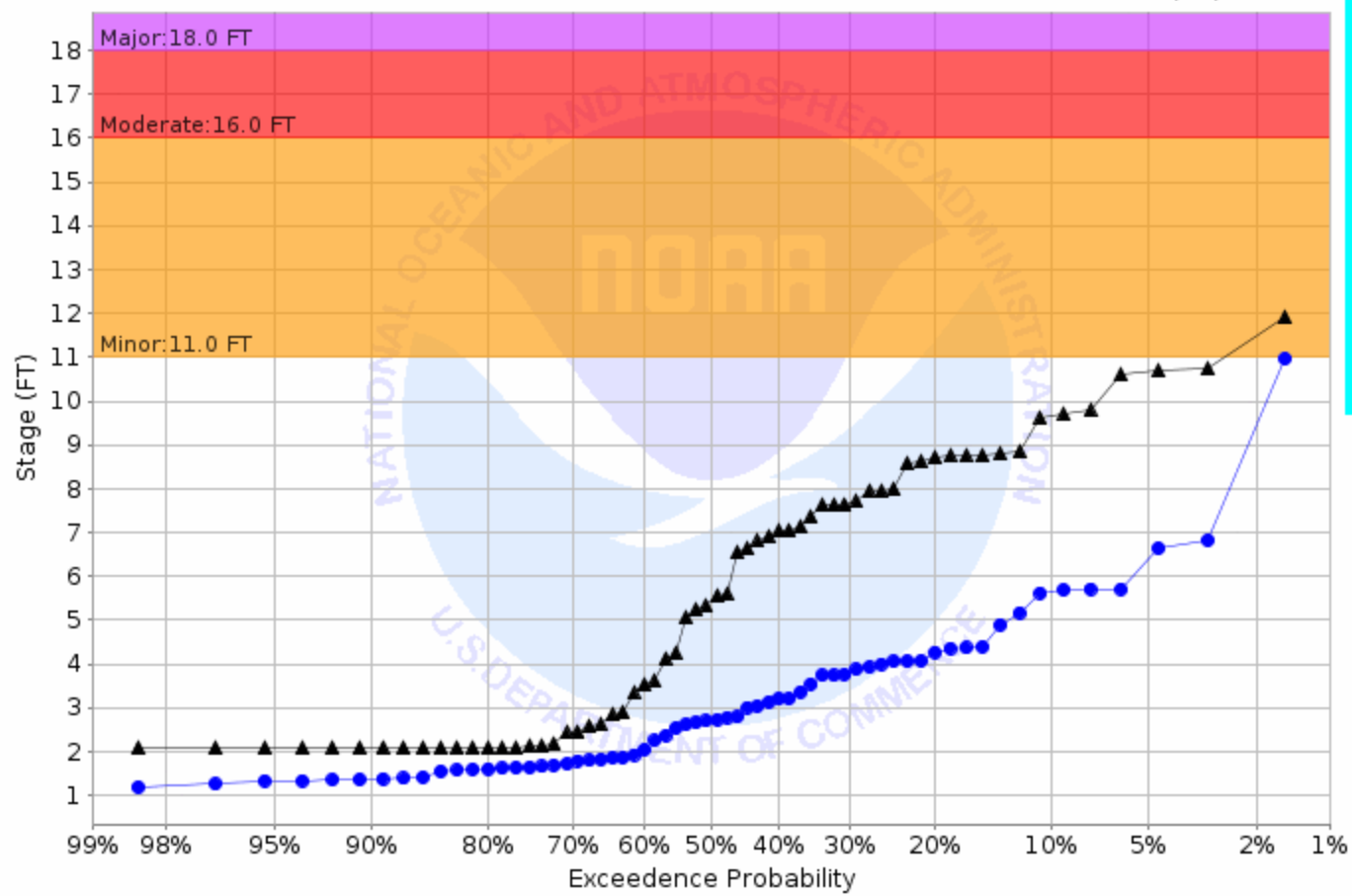
Chance of Exceeding River Stage at Park River at Grafton (GRNN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

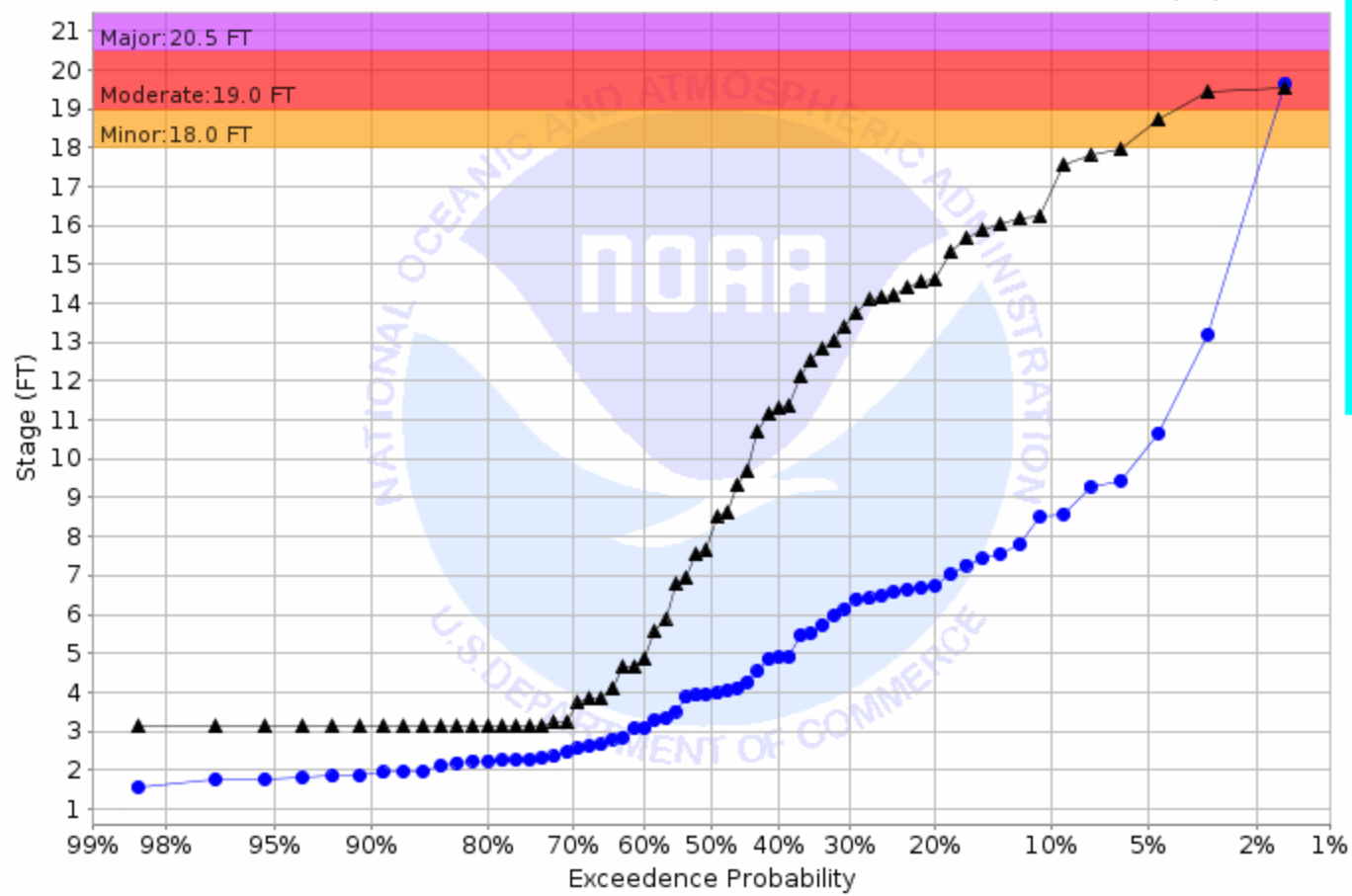
Chance of Exceeding River Stage at Pembina River at Walhalla (WLHN8)
Forecast for the period 12/30/2019 - 03/29/2020
This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
This 90-day product is not valid for the entire spring runoff period.
Updates will be posted
-Jan 24, 2020
-Feb 13, 2020
-Feb 27, 2020
-Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation

Chance of Exceeding River Stage at Pembina River at Neche (NCEN8)
 Forecast for the period 12/30/2019 - 03/29/2020
 This is a conditional simulation based on the conditions as of 12/23/2019



CAUTION:
 This 90-day product is not valid for the entire spring runoff period.
 Updates will be posted
 -Jan 24, 2020
 -Feb 13, 2020
 -Feb 27, 2020
 -Mar 12, 2020

- ▲ Conditional Simulation
- Historical Simulation