

Flint Ck nr Southern Cross
 Flint Ck bl Boulder Ck
 Lower Willow Ck Reservoir Inflow²
 MF Rock Ck nr Philipsburg
 Rock Ck nr Clinton
 Clark Fork R ab Milltown
 Nevada Ck nr Helmville
 Blackfoot R nr Bonner
 Clark Fork R ab Missoula

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

BITTERROOT RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
WF Bitterroot R Nr Conner ²								
Bitterroot R Nr Darby								
Como Reservoir Inflow ²								
Bitterroot R nr Missoula								

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

LOWER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Clark Fork R bl Missoula								
Clark Fork R at St. Regis ¹								
Clark Fork R nr Plains ^{1,2}								
Thompson nr Thompson Falls								
Prospect Ck at Thompson Falls								
Clark Fork R at Whitehorse Rapids ^{1,2}								

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

JEFFERSON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lima Reservoir Inflow ²								
Clark Canyon Inflow ²								
Beaverhead R at Barretts ²								
Ruby R Reservoir Inflow ²								
Big Hole R at Wisdom								
Big Hole R nr Melrose								
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder								
Willow Ck Reservoir Inflow ²								
Jefferson R nr Three Forks ²								

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MADISON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow ²								
Ennis Reservoir Inflow ²								

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

GALLATIN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gateway								
Hyalite Reservoir Inflow ²								
Gallatin R at Logan								

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 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SMITH-JUDITH- MUSSELSHELL	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Sheep Ck nr White Sulphur Springs								
Smith R bl Eagle Ck ²								
NF Musselshell R nr Delpine								
SF Musselshell R ab Martinsdale								
Musselshell R at Harlowton ²								
Musselshell R nr Roundup ²								

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SUN-TETON-MARIAS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Gibson Reservoir Inflow								
Two Medicine R nr Browning ²								
Badger Ck nr Browning								
Swift Reservoir Inflow ²								
Dupuyer Ck nr Valier								
Cut Bank Ck nr Browning								
Marias R nr Shelby ²								
Teton R nr Dutton								

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

ST. MARY & MILK BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Lake Sherburne Inflow								
St. Mary R nr Babb ²								
St. Mary R at Intl Boundary ²								
Milk R at Western Crossing of Intl Bndry, AB								
Milk R at Eastern Crossing of Intl Bndry								

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- 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MISSOURI MAINSTEM BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Missouri R at Toston ²								
Dearborn R nr Craig								
Missouri R at Fort Benton ²								
Missouri R nr Virgelle ²								
Missouri R nr Landusky ²								
Missouri R bl Fort Peck Dam ²								
Lake Sakakawea Inflow ²								

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

UPPER YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet								
Yellowstone R at Corwin Springs								
Yellowstone R at Livingston								
Shields R nr Livingston								
Boulder R at Big Timber								
Mystic Lake Inflow ²								
Stillwater R nr Absarokee ²								
Clarks Fk Yellowstone R nr Belfry								
Cooney Reservoir Inflow								
Yellowstone R at Billings								

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- 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

LOWER YELLOWSTONE RIVER BASIN (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bighorn R nr St. Xavier ²								
Little Bighorn R nr Hardin								
Tongue R nr Dayton ²								
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow ²								
Yellowstone R at Miles City ²								
Powder R at Moorehead								
Powder R nr Locate								
Yellowstone R nr Sidney ²								

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2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average