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Streamflow Forecast Summary: April 1, 2004
(averages based on 1981-2010 reference period)

		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
KOOTENAI RIVER BASIN in MONTANA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka								
Libby Reservoir Inflow[1]								
Fisher R nr Libby								
Yaak R nr Troy								
Kootenai R at Leonia[1,2]								

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

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FLATHEAD RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Flathead R nr Columbia Falls								
MF Flathead R nr West Glacier								
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow[1,2]								
Flathead R at Columbia Falls[2]								
Ashley Ck nr Marion[2]								
Swan R nr Bigfork								
Flathead Lake Inflow[1,2]								
Mill Ck ab Bassoo ck nr Niarada								
South Crow Ck nr Ronan								
Mission Ck nr St. Ignatius								
SF Jocko R nr Arlee								
NF Jocko R bl Tabor Feeder Canal								

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UPPER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Blackfoot nr Garrison								

Flint Ck nr Southern Cross								
Flint Ck bl Boulder Ck								
Lower Willow Ck Reservoir Inflow[2]								
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								

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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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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 Tompson Falls								
Prospect Ck at Thompson Falls								
Clark Fork R at Whitehorse Rapids[1,2]								

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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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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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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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SMITH-JUDITH-MUSSELSHELL	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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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SUN-TETON-MARIAS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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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ST. MARY & MILK BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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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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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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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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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