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Streamflow Forecast Summary: May 1, 2021
(averages based on 1981-2010 reference period)

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

KOOTENAI RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka								
	MAY-JUL	54	71	82	81%	94	110	101
	MAY-SEP	62	81	94	82%	107	126	114
Libby Reservoir Inflow ¹								
	MAY-JUL	4220	4950	5290	110%	5620	6350	4820
	MAY-SEP	5050	5850	6210	108%	6580	7380	5733
Yaak R nr Troy								
	MAY-JUL	177	225	260	84%	295	345	310
	MAY-SEP	189	240	280	85%	315	370	330
Kootenai R at Leonia ^{1,2}								

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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								
	MAY-JUL	1000	1130	1220	92%	1310	1430	1320
	MAY-SEP	1130	1270	1370	93%	1460	1600	1480
MF Flathead R nr West Glacier								
	MAY-JUL	1070	1190	1280	98%	1360	1490	1300
	MAY-SEP	1170	1310	1400	98%	1500	1630	1430
Sf Flathead R nr Hungry Horse								
	MAY-JUL	790	880	940	90%	1000	1090	1040
	MAY-SEP	845	945	1010	91%	1080	1170	1110
Hungry Horse Reservoir Inflow ^{1,2}								
	MAY-JUL	1070	1280	1370	87%	1470	1680	1580
	MAY-SEP	1150	1370	1480	88%	1580	1800	1690
Flathead R at Columbia Falls ²								
	MAY-JUL	3350	3720	3970	93%	4210	4580	4290
	MAY-SEP	3680	4090	4370	93%	4640	5050	4720
Swan R nr Bigfork								
	MAY-JUL	300	340	365	84%	395	430	435
	MAY-SEP	350	395	425	83%	455	505	510
Flathead Lake Inflow ^{1,2}								
	MAY-JUL	3530	4160	4440	90%	4720	5350	4940
	MAY-SEP	3770	4510	4840	90%	5170	5910	5400
Mill Ck ab Bassoo ck nr Niarada								
	MAY-JUL	1.3	1.79	2.2	76%	2.6	3.3	2.9
	MAY-SEP	1.55	2.1	2.5	78%	2.9	3.6	3.2
South Crow Ck nr Ronan								
	MAY-JUL	5.8	7.1	8	87%	8.8	10.1	9.2
	MAY-SEP	6.5	8.1	9.1	86%	10.2	11.7	10.6
Mission Ck nr St. Ignatius								
	MAY-JUL	18.2	21	23	96%	24	27	24
	MAY-SEP	21	24	27	93%	29	33	29
SF Jocko R nr Arlee								
	MAY-JUL	17.9	22	25	86%	28	32	29
	MAY-SEP	21	25	29	88%	32	36	33

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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)
Georgetown Lake Inflow	MAY-JUL	3.3	6.4	8.5	81%	10.5	13.6	10.5
	MAY-SEP	3.9	7.6	10.1	80%	12.6	16.2	12.7
Flint Ck bl Boulder Ck	MAY-JUL	19.7	31	39	87%	46	58	45
	MAY-SEP	28	42	51	86%	60	73	59
Lower Willow Ck Reservoir Inflow ²	MAY-JUL	3.1	5.3	6.8	84%	8.3	10.4	8.1
	MAY-SEP	4	6.1	7.6	85%	9.1	11.3	8.9
MF Rock Ck nr Philipsburg	MAY-JUL	29	37	42	79%	47	55	53
	MAY-SEP	34	42	48	80%	53	61	60
Rock Ck nr Clinton	MAY-JUL	111	148	172	78%	197	235	220
	MAY-SEP	135	175	200	80%	230	270	250
Clark Fork R ab Milltown	MAY-JUL	160	265	335	75%	410	515	445
	MAY-SEP	215	330	410	77%	490	605	530
Nevada Ck nr Helmville	MAY-JUL	3.3	8.1	11.3	103%	14.5	19.3	11
	MAY-SEP	4.1	9.2	12.7	102%	16.1	21	12.4
Blackfoot R nr Bonner	MAY-JUL	490	590	660	112%	730	830	590
	MAY-SEP	565	670	745	110%	815	925	675
Clark Fork R ab Missoula	MAY-JUL	670	865	995	97%	1130	1320	1030
	MAY-SEP	800	1010	1150	96%	1300	1510	1200

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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	MAY-JUL	68	86	98	90%	111	129	109
	MAY-SEP	77	96	109	91%	122	142	120
Bitterroot R Nr Darby	MAY-JUL	280	330	365	97%	400	455	375
	MAY-SEP	305	360	395	96%	435	490	410
Como Reservoir Inflow ²	MAY-JUL	59	64	67	102%	71	76	66
	MAY-SEP	61	66	70	101%	74	80	69
Bitterroot R nr Missoula	MAY-JUL	725	805	865	87%	920	1000	990
	MAY-SEP	785	875	935	86%	1000	1090	1090

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GALLATIN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Gallatin R nr Gallatin Gateway

Hyalite Reservoir Inflow²

Gallatin R at Logan

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SMITH-JUDITH- MUSSEL SHELL	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 Ck²

SF Musselshell R ab Martinsdale

Musselshell R at Harlowton²

Musselshell R nr Roundup²

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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 bl SF nr Browning²

Badger Ck nr Browning

Swift Reservoir Inflow²

Dupuyer Ck nr Valier

Cut Bank Ck nr Browning

Marias R nr Shelby²

Teton R nr Dutton

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ST. MARY	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 Babb²

St. Mary R at Intl Boundary²

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UPPER YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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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 Inflow²

Stillwater R nr Absarokee²

Clarks Fk Yellowstone R nr Belfry

Cooney Reservoir Inflow

Yellowstone R at Billings

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BIGHORN RIVER (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Bighorn R nr St. Xavier²

Bighorn R at Kane

Buffalo Bill Reservoir Inflow

Bull Lake Ck nr Lenore

Dinwoody Ck nr Burris

Greybull R at Meeteetse

Little Popo Agie R nr Lander

Little Wind R nr Riverton

NF Shoshone R at Wapiti

SF Shoshone R ab Buffalo Bill Reservoir

SF Shoshone R nr Valley

Shell Ck nr Shell

Wind R Ab Bull Lake Ck

Wind R at Riverton

Boysen Reservoir Inflow

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TONGUE RIVER (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Big Goose Ck nr Sheridan

Little Goose Ck nr Big Horn

Tongue River Reservoir Inflow²

Tongue R nr Dayton²

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POWDER RIVER (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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MF Powder R nr Barnum

Piney Ck at Kearny

Powder R at Moorhead

Powder R nr Locate

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- 3) Median value used in place of average