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Streamflow Forecast Summary: April 1, 2023
(Medians based On 1991-2020 reference period)

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

| Flathead | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Sf Flathead R nr Hungry Horse | | | | | | | | |
| | APR-JUL | 875 | 1010 | 1100 | 89% | 1190 | 1320 | 1230 |
| | APR-SEP | 925 | 1070 | 1160 | 90% | 1260 | 1400 | 1290 |
| NF Flathead R nr Columbia Falls | | | | | | | | |
| | APR-JUL | 1010 | 1150 | 1240 | 81% | 1340 | 1480 | 1540 |
| | APR-SEP | 1110 | 1270 | 1370 | 81% | 1480 | 1630 | 1700 |
| Swan R nr Bigfork | | | | | | | | |
| | APR-JUL | 445 | 505 | 550 | 105% | 590 | 655 | 525 |
| | APR-SEP | 500 | 570 | 620 | 106% | 670 | 740 | 585 |
| Mission Ck nr St. Ignatius | | | | | | | | |
| | APR-JUL | 22 | 26 | 29 | 112% | 31 | 35 | 26 |
| | APR-SEP | 26 | 31 | 34 | 110% | 37 | 41 | 31 |
| MF Flathead R nr West Glacier | | | | | | | | |
| | APR-JUL | 1000 | 1140 | 1230 | 84% | 1330 | 1470 | 1470 |
| | APR-SEP | 1080 | 1240 | 1340 | 83% | 1450 | 1600 | 1620 |
| SF Jocko R nr Arlee | | | | | | | | |
| | APR-JUL | 29 | 36 | 40 | 114% | 44 | 51 | 35 |
| | APR-SEP | 33 | 39 | 44 | 113% | 49 | 55 | 39 |
| Mill Ck ab Bassoo ck nr Niarada | | | | | | | | |
| | APR-JUL | 2.8 | 3.8 | 4.6 | 98% | 5.4 | 6.8 | 4.7 |
| | APR-SEP | 3.1 | 4.1 | 4.9 | 100% | 5.8 | 7.2 | 4.9 |
| Hungry Horse Reservoir Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 1290 | 1570 | 1700 | 92% | 1830 | 2110 | 1850 |
| | APR-SEP | 1360 | 1660 | 1800 | 92% | 1940 | 2240 | 1960 |
| South Crow Ck nr Ronan | | | | | | | | |
| | APR-JUL | 8.9 | 10.5 | 11.6 | 114% | 12.7 | 14.3 | 10.2 |
| | APR-SEP | 10 | 12.1 | 13.5 | 117% | 14.9 | 17 | 11.5 |
| Flathead R at Columbia Falls ² | | | | | | | | |
| | APR-JUL | 3440 | 3890 | 4190 | 86% | 4500 | 4950 | 4870 |
| | APR-SEP | 3710 | 4210 | 4550 | 84% | 4890 | 5390 | 5400 |
| Flathead Lake Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 3910 | 4770 | 5160 | 91% | 5550 | 6420 | 5670 |
| | APR-SEP | 4140 | 5130 | 5580 | 88% | 6030 | 7020 | 6310 |

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

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

| Bitterroot | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Bitterroot R Nr Darby ² | | | | | | | | |
| | APR-JUL | 285 | 360 | 410 | 88% | 460 | 530 | 465 |
| | APR-SEP | 310 | 385 | 440 | 88% | 490 | 565 | 500 |
| WF Bitterroot R Nr Conner ² | | | | | | | | |
| | APR-JUL | 81 | 107 | 125 | 96% | 142 | 168 | 130 |
| | APR-SEP | 89 | 116 | 135 | 98% | 153 | 180 | 138 |
| Bitterroot R nr Missoula | | | | | | | | |
| | APR-JUL | 760 | 915 | 1020 | 83% | 1130 | 1280 | 1230 |
| | APR-SEP | 835 | 1000 | 1110 | 83% | 1220 | 1390 | 1340 |

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| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Lower Clark Fork | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Clark Fork R at St. Regis ¹ | | | | | | | | |
| | APR-JUL | 2360 | 3040 | 3360 | 101% | 3670 | 4360 | 3320 |
| | APR-SEP | 2610 | 3370 | 3710 | 101% | 4050 | 4800 | 3670 |
| Clark Fork R bl Cabinet Gorge Dam ² | | | | | | | | |
| | APR-JUL | 7760 | 8870 | 9620 | 96% | 10400 | 11500 | 9980 |
| | APR-SEP | 8390 | 9650 | 10500 | 96% | 11400 | 12600 | 10900 |
| Prospect Ck at Thompson Falls | | | | | | | | |
| | APR-JUL | 50 | 62 | 71 | 75% | 79 | 91 | 95 |
| | APR-SEP | 56 | 68 | 77 | 75% | 86 | 99 | 103 |
| Clark Fork R bl Missoula | | | | | | | | |
| | APR-JUL | 1940 | 2310 | 2570 | 101% | 2830 | 3200 | 2550 |
| | APR-SEP | 2150 | 2560 | 2840 | 102% | 3120 | 3530 | 2780 |
| Clark Fork R ab Missoula | | | | | | | | |
| | APR-JUL | 1130 | 1380 | 1550 | 126% | 1730 | 1980 | 1230 |
| | APR-SEP | 1270 | 1550 | 1730 | 126% | 1920 | 2200 | 1370 |
| Clark Fork R nr Plains ^{1,2} | | | | | | | | |
| | APR-JUL | 6450 | 7980 | 8670 | 98% | 9370 | 10900 | 8890 |
| | APR-SEP | 6980 | 8710 | 9500 | 96% | 10300 | 12000 | 9920 |

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| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Upper Clark Fork | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rock Ck nr Clinton | | | | | | | | |
| | APR-JUL | 199 | 250 | 285 | 116% | 320 | 375 | 245 |
| | APR-SEP | 225 | 280 | 320 | 116% | 360 | 415 | 275 |
| Blackfoot R nr Bonner | | | | | | | | |
| | APR-JUL | 665 | 790 | 875 | 119% | 960 | 1090 | 735 |
| | APR-SEP | 730 | 870 | 960 | 120% | 1050 | 1190 | 800 |
| Nevada Ck nr Helmville | | | | | | | | |
| | APR-JUL | 8.6 | 15.1 | 19.5 | 135% | 24 | 30 | 14.4 |
| | APR-SEP | 9.6 | 16.4 | 21 | 135% | 26 | 32 | 15.5 |
| Flint Ck bl Boulder Ck | | | | | | | | |
| | APR-JUL | 41 | 55 | 64 | 121% | 73 | 87 | 53 |
| | APR-SEP | 51 | 68 | 79 | 118% | 90 | 106 | 67 |
| Georgetown Lake Inflow ² | | | | | | | | |
| | APR-JUL | 9.5 | 13.2 | 15.8 | 123% | 18.3 | 22 | 12.8 |
| | APR-SEP | 11 | 15.5 | 18.6 | 126% | 22 | 26 | 14.8 |
| Clark Fk at Goldcreek | | | | | | | | |
| | APR-JUL | 169 | 230 | 275 | 146% | 315 | 380 | 188 |
| | APR-SEP | 192 | 265 | 310 | 144% | 360 | 430 | 215 |
| Clark Fork R ab Milltown | | | | | | | | |
| | APR-JUL | 430 | 580 | 680 | 126% | 780 | 930 | 540 |
| | APR-SEP | 495 | 660 | 775 | 120% | 890 | 1050 | 645 |
| MF Rock Ck nr Philipsburg | | | | | | | | |
| | APR-JUL | 48 | 59 | 67 | 118% | 74 | 85 | 57 |
| | APR-SEP | 54 | 66 | 74 | 119% | 82 | 94 | 62 |

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

| Kootenai | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Tobacco R nr Eureka | APR-JUL | 55 | 76 | 89 | 69% | 103 | 123 | 129 |
| | APR-SEP | 62 | 85 | 100 | 70% | 115 | 138 | 142 |
| Libby Reservoir Inflow ^{1,2} | APR-JUL | 3600 | 4360 | 4700 | 86% | 5040 | 5800 | 5460 |
| | APR-SEP | 4270 | 5050 | 5400 | 86% | 5750 | 6530 | 6290 |
| Yaak R nr Troy | APR-JUL | 210 | 270 | 315 | 78% | 355 | 420 | 405 |
| | APR-SEP | 220 | 285 | 330 | 78% | 375 | 440 | 425 |

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

| Lower Yellowstone | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Yellowstone R nr Sidney ² | APR-JUL | 4520 | 5390 | 5980 | 120% | 6570 | 7430 | 5000 |
| | APR-SEP | 4880 | 5900 | 6600 | 118% | 7290 | 8310 | 5580 |
| Yellowstone R at Miles City ² | APR-JUL | 4530 | 5290 | 5810 | 115% | 6330 | 7090 | 5040 |
| | APR-SEP | 4990 | 5890 | 6500 | 115% | 7110 | 8010 | 5670 |

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

| Powder | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Powder R nr Locate | APR-JUL | 130 | 210 | 265 | 118% | 320 | 400 | 225 |
| | APR-SEP | 140 | 225 | 280 | 117% | 335 | 420 | 240 |
| NF Powder R nr Hazelton | APR-JUL | 8 | 9.8 | 11.1 | 108% | 12.3 | 14.2 | 10.3 |
| | APR-SEP | 8.6 | 10.5 | 11.8 | 106% | 13.1 | 15 | 11.1 |
| MF Powder R nr Barnum | APR-JUL | 10.8 | 15.4 | 18.5 | 118% | 22 | 26 | 15.7 |
| | APR-SEP | 10.8 | 15.4 | 18.5 | 111% | 22 | 26 | 16.6 |
| Powder R at Moorhead | APR-JUL | 115 | 190 | 240 | 126% | 290 | 365 | 191 |
| | APR-SEP | 128 | 205 | 255 | 124% | 305 | 380 | 205 |
| Piney Ck at Kearny | APR-JUL | 29 | 43 | 53 | 106% | 63 | 78 | 50 |
| | APR-SEP | 32 | 47 | 57 | 110% | 68 | 83 | 52 |
| Rock Ck nr Buffalo | APR-JUL | 13.6 | 19.2 | 23 | 110% | 27 | 32 | 21 |
| | APR-SEP | 17.5 | 23 | 27 | 108% | 31 | 37 | 25 |

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| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Tongue | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Little Goose Ck nr Big Horn | | | | | | | | |
| | APR-JUL | 22 | 29 | 33 | 103% | 38 | 45 | 32 |
| | APR-SEP | 29 | 36 | 41 | 98% | 46 | 54 | 42 |
| Tongue R nr Dayton ² | | | | | | | | |
| | APR-JUL | 70 | 85 | 96 | 109% | 107 | 122 | 88 |
| | APR-SEP | 79 | 96 | 108 | 106% | 120 | 137 | 102 |
| Big Goose Ck nr Sheridan | | | | | | | | |
| | APR-JUL | 36 | 47 | 54 | 104% | 61 | 72 | 52 |
| | APR-SEP | 44 | 55 | 62 | 102% | 69 | 80 | 61 |
| Tongue River Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 147 | 199 | 235 | 107% | 270 | 325 | 220 |
| | APR-SEP | 166 | 220 | 260 | 104% | 300 | 355 | 250 |

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| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Bighorn | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Buffalo Bill Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 525 | 630 | 700 | 104% | 770 | 875 | 670 |
| | APR-SEP | 575 | 690 | 765 | 105% | 840 | 955 | 730 |
| Wind R at Riverton ² | | | | | | | | |
| | APR-JUL | 360 | 460 | 530 | 107% | 595 | 695 | 495 |
| | APR-SEP | 415 | 525 | 600 | 107% | 675 | 785 | 560 |
| Dinwoody Ck nr Burris | | | | | | | | |
| | APR-JUL | 57 | 65 | 70 | 97% | 75 | 83 | 72 |
| | APR-SEP | 82 | 90 | 96 | 99% | 102 | 110 | 97 |
| Little Popo Agie R nr Lander | | | | | | | | |
| | APR-JUL | 39 | 50 | 57 | 136% | 64 | 75 | 42 |
| | APR-SEP | 47 | 58 | 65 | 135% | 72 | 83 | 48 |
| Boysen Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 435 | 645 | 785 | 108% | 925 | 1130 | 730 |
| | APR-SEP | 465 | 680 | 830 | 106% | 980 | 1200 | 785 |
| Little Bighorn R nr Hardin | | | | | | | | |
| | APR-JUL | 65 | 94 | 114 | 112% | 134 | 163 | 102 |
| | APR-SEP | 73 | 106 | 128 | 106% | 150 | 183 | 121 |
| Shell Ck nr Shell | | | | | | | | |
| | APR-JUL | 43 | 52 | 58 | 98% | 64 | 73 | 59 |
| | APR-SEP | 53 | 63 | 70 | 99% | 77 | 87 | 71 |
| Bighorn R at Kane ² | | | | | | | | |
| | APR-JUL | 580 | 900 | 1120 | 112% | 1340 | 1660 | 1000 |
| | APR-SEP | 600 | 945 | 1180 | 113% | 1410 | 1760 | 1040 |
| Wind R Ab Bull Lake Ck ² | | | | | | | | |
| | APR-JUL | 355 | 445 | 505 | 105% | 565 | 655 | 480 |
| | APR-SEP | 370 | 470 | 535 | 114% | 605 | 705 | 470 |
| Bighorn R nr St. Xavier ² | | | | | | | | |
| | APR-JUL | 1000 | 1410 | 1680 | 104% | 1950 | 2360 | 1610 |
| | APR-SEP | 1010 | 1460 | 1760 | 102% | 2060 | 2510 | 1720 |
| Greybull R at Meeteetse | | | | | | | | |
| | APR-JUL | 115 | 153 | 180 | 128% | 205 | 245 | 141 |
| | APR-SEP | 160 | 205 | 235 | 118% | 265 | 310 | 199 |

| | | | | | | | | |
|---|---------|-----|-----|-----|------|-----|-----|-----|
| SF Shoshone R nr Valley | | | | | | | | |
| | APR-JUL | 174 | 205 | 225 | 100% | 245 | 275 | 225 |
| | APR-SEP | 196 | 230 | 255 | 98% | 280 | 315 | 260 |
| NF Shoshone R at Wapiti | | | | | | | | |
| | APR-JUL | 375 | 440 | 480 | 107% | 520 | 585 | 450 |
| | APR-SEP | 425 | 490 | 535 | 104% | 580 | 645 | 515 |
| Bull Lake Ck nr Lenore ² | | | | | | | | |
| | APR-JUL | 111 | 132 | 147 | 104% | 162 | 183 | 141 |
| | APR-SEP | 135 | 160 | 177 | 105% | 194 | 220 | 168 |
| Little Wind R nr Riverton | | | | | | | | |
| | APR-JUL | 205 | 295 | 360 | 129% | 425 | 520 | 280 |
| | APR-SEP | 225 | 325 | 390 | 130% | 460 | 560 | 300 |
| SF Shoshone R ab Buffalo Bill Reservoir | | | | | | | | |
| | APR-JUL | 145 | 190 | 220 | 98% | 250 | 295 | 225 |
| | APR-SEP | 144 | 192 | 225 | 100% | 260 | 305 | 225 |

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|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Upper Yellowstone | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Yellowstone R at Billings ² | | | | | | | | |
| | APR-JUL | 3020 | 3510 | 3850 | 121% | 4190 | 4680 | 3180 |
| | APR-SEP | 3390 | 3970 | 4360 | 116% | 4750 | 5330 | 3760 |
| Yellowstone R at Yellowstone Lake Outlet | | | | | | | | |
| | APR-JUL | 555 | 615 | 660 | 112% | 705 | 770 | 590 |
| | APR-SEP | 710 | 800 | 865 | 112% | 925 | 1020 | 775 |
| Yellowstone R at Livingston | | | | | | | | |
| | APR-JUL | 1720 | 1920 | 2060 | 108% | 2200 | 2400 | 1900 |
| | APR-SEP | 1990 | 2240 | 2400 | 109% | 2570 | 2820 | 2200 |
| Shields R nr Livingston | | | | | | | | |
| | APR-JUL | 106 | 149 | 178 | 140% | 210 | 250 | 127 |
| | APR-SEP | 116 | 161 | 191 | 138% | 220 | 265 | 138 |
| Cooney Reservoir Inflow | | | | | | | | |
| | APR-JUL | 26 | 37 | 44 | 122% | 51 | 62 | 36 |
| | APR-SEP | 34 | 46 | 54 | 115% | 62 | 74 | 47 |
| Boulder R at Big Timber | | | | | | | | |
| | APR-JUL | 275 | 315 | 345 | 119% | 370 | 415 | 290 |
| | APR-SEP | 290 | 340 | 370 | 119% | 400 | 450 | 310 |
| Clarks Fk Yellowstone R nr Belfry | | | | | | | | |
| | APR-JUL | 470 | 535 | 580 | 108% | 625 | 690 | 535 |
| | APR-SEP | 500 | 575 | 625 | 111% | 675 | 750 | 565 |
| Mystic Lake Inflow ² | | | | | | | | |
| | APR-JUL | 54 | 59 | 63 | 109% | 66 | 72 | 58 |
| | APR-SEP | 67 | 74 | 79 | 105% | 84 | 91 | 75 |
| Stillwater R nr Absarokee ² | | | | | | | | |
| | APR-JUL | 375 | 445 | 495 | 114% | 545 | 615 | 435 |
| | APR-SEP | 430 | 515 | 570 | 108% | 630 | 715 | 530 |
| Yellowstone R at Corwin Springs | | | | | | | | |
| | APR-JUL | 1510 | 1670 | 1780 | 108% | 1890 | 2050 | 1650 |
| | APR-SEP | 1740 | 1940 | 2080 | 109% | 2210 | 2410 | 1900 |

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| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Sun-Teton-Marias | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Marias R nr Shelby ² | APR-JUL | 183 | 280 | 345 | 105% | 410 | 505 | 330 |
| | APR-SEP | 180 | 285 | 355 | 104% | 425 | 530 | 340 |
| Badger Ck nr Browning | APR-JUL | 44 | 63 | 75 | 106% | 87 | 106 | 71 |
| | APR-SEP | 50 | 70 | 84 | 104% | 98 | 118 | 81 |
| Teton R nr Dutton ² | APR-JUL | 9.2 | 21 | 32 | 114% | 45 | 69 | 28 |
| | APR-SEP | 11.1 | 25 | 37 | 128% | 52 | 78 | 29 |
| Gibson Reservoir Inflow ² | APR-JUL | 275 | 325 | 365 | 97% | 400 | 450 | 375 |
| | APR-SEP | 300 | 360 | 400 | 96% | 440 | 500 | 415 |
| Two Medicine R bl SF nr Browning ² | APR-JUL | 120 | 152 | 174 | 91% | 196 | 230 | 191 |
| | APR-SEP | 128 | 162 | 184 | 94% | 205 | 240 | 195 |
| Swift Reservoir Inflow | APR-JUL | 33 | 45 | 53 | 106% | 61 | 73 | 50 |
| | APR-SEP | 38 | 52 | 61 | 105% | 70 | 84 | 58 |
| Dupuyer Ck nr Valier | APR-JUL | 4 | 8.5 | 11.5 | 116% | 14.5 | 19 | 9.9 |
| | APR-SEP | 5.4 | 10.2 | 13.5 | 115% | 16.8 | 22 | 11.7 |

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|---|

| Smith-Judith-Musselshell | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Smith R bl Eagle Ck ² | APR-JUL | 67 | 98 | 118 | 109% | 139 | 169 | 108 |
| | APR-SEP | 74 | 107 | 129 | 113% | 151 | 184 | 114 |
| Musselshell R at Harlowton ² | APR-JUL | 20 | 52 | 74 | 132% | 95 | 127 | 56 |
| | APR-SEP | 19.9 | 53 | 76 | 136% | 99 | 132 | 56 |
| Musselshell R nr Roundup ² | APR-JUL | 1 | 59 | 101 | 166% | 143 | 205 | 61 |
| | APR-SEP | 1 | 57 | 101 | 184% | 144 | 210 | 55 |

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|---|

| Missouri Mainstem | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Missouri R nr Virgelle ² | APR-JUL | 2470 | 3090 | 3520 | 115% | 3950 | 4570 | 3060 |
| | APR-SEP | 3110 | 3850 | 4350 | 124% | 4850 | 5590 | 3500 |
| Missouri R bl Fort Peck Dam ² | APR-JUL | 2620 | 3390 | 3910 | 128% | 4430 | 5200 | 3060 |
| | APR-SEP | 3090 | 4040 | 4680 | 141% | 5320 | 6270 | 3320 |
| Lake Sakakawea Inflow ² | APR-JUL | 7660 | 9350 | 10500 | 116% | 11600 | 13300 | 9080 |
| | APR-SEP | 8730 | 10700 | 12100 | 120% | 13500 | 15500 | 10100 |

| | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|
| Missouri R nr Landusky ² | | | | | | | | |
| | APR-JUL | 2610 | 3310 | 3790 | 120% | 4270 | 4970 | 3150 |
| | APR-SEP | 3290 | 4120 | 4690 | 129% | 5260 | 6090 | 3630 |
| Missouri R at Fort Benton ² | | | | | | | | |
| | APR-JUL | 2210 | 2780 | 3160 | 121% | 3540 | 4110 | 2620 |
| | APR-SEP | 2840 | 3510 | 3970 | 130% | 4430 | 5100 | 3060 |

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| |
|---|
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|---|

| Helena Valley | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Missouri R at Toston ² | | | | | | | | |
| | APR-JUL | 1580 | 1940 | 2190 | 123% | 2440 | 2800 | 1780 |
| | APR-SEP | 2020 | 2430 | 2700 | 137% | 2970 | 3380 | 1970 |

- 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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Gallatin | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Hyalite Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 21 | 24 | 26 | 133% | 28 | 31 | 19.6 |
| | APR-SEP | 24 | 27 | 29 | 132% | 32 | 35 | 22 |
| Gallatin R at Logan | | | | | | | | |
| | APR-JUL | 375 | 460 | 520 | 122% | 580 | 665 | 425 |
| | APR-SEP | 425 | 520 | 585 | 121% | 645 | 740 | 485 |
| Gallatin R nr Gallatin Gateway | | | | | | | | |
| | APR-JUL | 390 | 440 | 475 | 117% | 505 | 555 | 405 |
| | APR-SEP | 450 | 505 | 545 | 117% | 585 | 645 | 465 |

- 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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Madison | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Ennis Lake Inflow ² | | | | | | | | |
| | APR-JUL | 700 | 770 | 820 | 133% | 870 | 940 | 615 |
| | APR-SEP | 850 | 935 | 995 | 133% | 1050 | 1140 | 750 |
| Hebgen Lake Inflow ² | | | | | | | | |
| | APR-JUL | 380 | 420 | 450 | 129% | 480 | 520 | 350 |
| | APR-SEP | 480 | 530 | 565 | 124% | 600 | 650 | 455 |

- 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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| | | | | | | | | |
|---|---------|------|-------|-------|------|-------|-------|-------|
| | APR-JUL | 183 | 280 | 345 | 105% | 410 | 505 | 330 |
| | APR-SEP | 180 | 285 | 355 | 104% | 425 | 530 | 340 |
| Badger Ck nr Browning | | | | | | | | |
| | APR-JUL | 44 | 63 | 75 | 106% | 87 | 106 | 71 |
| | APR-SEP | 50 | 70 | 84 | 104% | 98 | 118 | 81 |
| Teton R nr Dutton ² | | | | | | | | |
| | APR-JUL | 9.2 | 21 | 32 | 114% | 45 | 69 | 28 |
| | APR-SEP | 11.1 | 25 | 37 | 128% | 52 | 78 | 29 |
| Gibson Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 275 | 325 | 365 | 97% | 400 | 450 | 375 |
| | APR-SEP | 300 | 360 | 400 | 96% | 440 | 500 | 415 |
| Smith R bl Eagle Ck ² | | | | | | | | |
| | APR-JUL | 67 | 98 | 118 | 109% | 139 | 169 | 108 |
| | APR-SEP | 74 | 107 | 129 | 113% | 151 | 184 | 114 |
| Missouri R nr Virgelle ² | | | | | | | | |
| | APR-JUL | 2470 | 3090 | 3520 | 115% | 3950 | 4570 | 3060 |
| | APR-SEP | 3110 | 3850 | 4350 | 124% | 4850 | 5590 | 3500 |
| Two Medicine R bl SF nr Browning ² | | | | | | | | |
| | APR-JUL | 120 | 152 | 174 | 91% | 196 | 230 | 191 |
| | APR-SEP | 128 | 162 | 184 | 94% | 205 | 240 | 195 |
| Swift Reservoir Inflow | | | | | | | | |
| | APR-JUL | 33 | 45 | 53 | 106% | 61 | 73 | 50 |
| | APR-SEP | 38 | 52 | 61 | 105% | 70 | 84 | 58 |
| Musselshell R at Harlowton ² | | | | | | | | |
| | APR-JUL | 20 | 52 | 74 | 132% | 95 | 127 | 56 |
| | APR-SEP | 19.9 | 53 | 76 | 136% | 99 | 132 | 56 |
| Missouri R bl Fort Peck Dam ² | | | | | | | | |
| | APR-JUL | 2620 | 3390 | 3910 | 128% | 4430 | 5200 | 3060 |
| | APR-SEP | 3090 | 4040 | 4680 | 141% | 5320 | 6270 | 3320 |
| Lake Sakakawea Inflow ² | | | | | | | | |
| | APR-JUL | 7660 | 9350 | 10500 | 116% | 11600 | 13300 | 9080 |
| | APR-SEP | 8730 | 10700 | 12100 | 120% | 13500 | 15500 | 10100 |
| Missouri R nr Landusky ² | | | | | | | | |
| | APR-JUL | 2610 | 3310 | 3790 | 120% | 4270 | 4970 | 3150 |
| | APR-SEP | 3290 | 4120 | 4690 | 129% | 5260 | 6090 | 3630 |
| Missouri R at Toston ² | | | | | | | | |
| | APR-JUL | 1580 | 1940 | 2190 | 123% | 2440 | 2800 | 1780 |
| | APR-SEP | 2020 | 2430 | 2700 | 137% | 2970 | 3380 | 1970 |
| Musselshell R nr Roundup ² | | | | | | | | |
| | APR-JUL | 1 | 59 | 101 | 166% | 143 | 205 | 61 |
| | APR-SEP | 1 | 57 | 101 | 184% | 144 | 210 | 55 |
| Dupuyer Ck nr Valier | | | | | | | | |
| | APR-JUL | 4 | 8.5 | 11.5 | 116% | 14.5 | 19 | 9.9 |
| | APR-SEP | 5.4 | 10.2 | 13.5 | 115% | 16.8 | 22 | 11.7 |
| Missouri R at Fort Benton ² | | | | | | | | |
| | APR-JUL | 2210 | 2780 | 3160 | 121% | 3540 | 4110 | 2620 |
| | APR-SEP | 2840 | 3510 | 3970 | 130% | 4430 | 5100 | 3060 |

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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| MTDCO | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Badger Ck nr Browning | APR-JUL | 44 | 63 | 75 | 106% | 87 | 106 | 71 |
| | APR-SEP | 50 | 70 | 84 | 104% | 98 | 118 | 81 |
| Swift Reservoir Inflow | APR-JUL | 33 | 45 | 53 | 106% | 61 | 73 | 50 |

| | | | | | | | | |
|--|---------|------|-------|-------|------|-------|-------|-------|
| Gibson Reservoir Inflow ² | APR-SEP | 38 | 52 | 61 | 105% | 70 | 84 | 58 |
| | APR-JUL | 275 | 325 | 365 | 97% | 400 | 450 | 375 |
| | APR-SEP | 300 | 360 | 400 | 96% | 440 | 500 | 415 |
| Tongue River Reservoir Inflow ² | APR-JUL | 147 | 199 | 235 | 107% | 270 | 325 | 220 |
| | APR-SEP | 166 | 220 | 260 | 104% | 300 | 355 | 250 |
| Musselshell R at Harlowton ² | APR-JUL | 20 | 52 | 74 | 132% | 95 | 127 | 56 |
| | APR-SEP | 19.9 | 53 | 76 | 136% | 99 | 132 | 56 |
| Greybull R at Meeteetse | APR-JUL | 115 | 153 | 180 | 128% | 205 | 245 | 141 |
| | APR-SEP | 160 | 205 | 235 | 118% | 265 | 310 | 199 |
| Little Wind R nr Riverton | APR-JUL | 205 | 295 | 360 | 129% | 425 | 520 | 280 |
| | APR-SEP | 225 | 325 | 390 | 130% | 460 | 560 | 300 |
| Clark Fork R ab Milltown | APR-JUL | 430 | 580 | 680 | 126% | 780 | 930 | 540 |
| | APR-SEP | 495 | 660 | 775 | 120% | 890 | 1050 | 645 |
| NF Powder R nr Hazelton | APR-JUL | 8 | 9.8 | 11.1 | 108% | 12.3 | 14.2 | 10.3 |
| | APR-SEP | 8.6 | 10.5 | 11.8 | 106% | 13.1 | 15 | 11.1 |
| St. Mary R at Intl Boundary ² | APR-JUL | 285 | 345 | 390 | 87% | 435 | 495 | 450 |
| | APR-SEP | 330 | 400 | 450 | 88% | 495 | 570 | 510 |
| Georgetown Lake Inflow ² | APR-JUL | 9.5 | 13.2 | 15.8 | 123% | 18.3 | 22 | 12.8 |
| | APR-SEP | 11 | 15.5 | 18.6 | 126% | 22 | 26 | 14.8 |
| Lake Sakakawea Inflow ² | APR-JUL | 7660 | 9350 | 10500 | 116% | 11600 | 13300 | 9080 |
| | APR-SEP | 8730 | 10700 | 12100 | 120% | 13500 | 15500 | 10100 |
| Mystic Lake Inflow ² | APR-JUL | 54 | 59 | 63 | 109% | 66 | 72 | 58 |
| | APR-SEP | 67 | 74 | 79 | 105% | 84 | 91 | 75 |
| Missouri R at Fort Benton ² | APR-JUL | 2210 | 2780 | 3160 | 121% | 3540 | 4110 | 2620 |
| | APR-SEP | 2840 | 3510 | 3970 | 130% | 4430 | 5100 | 3060 |
| Willow Ck Reservoir Inflow ² | APR-JUL | 9.7 | 15.8 | 20 | 129% | 24 | 30 | 15.5 |
| Yellowstone R nr Sidney ² | APR-JUL | 4520 | 5390 | 5980 | 120% | 6570 | 7430 | 5000 |
| | APR-SEP | 4880 | 5900 | 6600 | 118% | 7290 | 8310 | 5580 |
| St. Mary R nr Babb ² | APR-JUL | 260 | 300 | 330 | 86% | 360 | 400 | 385 |
| | APR-SEP | 295 | 345 | 380 | 85% | 410 | 460 | 445 |
| Yellowstone R at Miles City ² | APR-JUL | 4530 | 5290 | 5810 | 115% | 6330 | 7090 | 5040 |
| | APR-SEP | 4990 | 5890 | 6500 | 115% | 7110 | 8010 | 5670 |
| NF Shoshone R at Wapiti | APR-JUL | 375 | 440 | 480 | 107% | 520 | 585 | 450 |
| | APR-SEP | 425 | 490 | 535 | 104% | 580 | 645 | 515 |
| Bitterroot R Nr Darby ² | APR-JUL | 285 | 360 | 410 | 88% | 460 | 530 | 465 |
| | APR-SEP | 310 | 385 | 440 | 88% | 490 | 565 | 500 |
| Clark Fork R nr Plains ^{1,2} | APR-JUL | 6450 | 7980 | 8670 | 98% | 9370 | 10900 | 8890 |
| | APR-SEP | 6980 | 8710 | 9500 | 96% | 10300 | 12000 | 9920 |
| Flathead Lake Inflow ^{1,2} | APR-JUL | 3910 | 4770 | 5160 | 91% | 5550 | 6420 | 5670 |
| | APR-SEP | 4140 | 5130 | 5580 | 88% | 6030 | 7020 | 6310 |
| Lake Sherburne Inflow ² | APR-JUL | 66 | 77 | 85 | 86% | 93 | 104 | 99 |

| | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|
| Rock Ck nr Clinton | APR-SEP | 77 | 90 | 99 | 85% | 107 | 120 | 116 |
| | APR-JUL | 199 | 250 | 285 | 116% | 320 | 375 | 245 |
| NF Flathead R nr Columbia Falls | APR-SEP | 225 | 280 | 320 | 116% | 360 | 415 | 275 |
| | APR-JUL | 1010 | 1150 | 1240 | 81% | 1340 | 1480 | 1540 |
| Blackfoot R nr Bonner | APR-SEP | 1110 | 1270 | 1370 | 81% | 1480 | 1630 | 1700 |
| | APR-JUL | 665 | 790 | 875 | 119% | 960 | 1090 | 735 |
| Yaak R nr Troy | APR-SEP | 730 | 870 | 960 | 120% | 1050 | 1190 | 800 |
| | APR-JUL | 210 | 270 | 315 | 78% | 355 | 420 | 405 |
| Bighorn R nr St. Xavier ² | APR-SEP | 220 | 285 | 330 | 78% | 375 | 440 | 425 |
| | APR-JUL | 1000 | 1410 | 1680 | 104% | 1950 | 2360 | 1610 |
| Lima Reservoir Inflow ² | APR-SEP | 1010 | 1460 | 1760 | 102% | 2060 | 2510 | 1720 |
| | APR-JUL | 82 | 99 | 110 | 175% | 121 | 138 | 63 |
| Clark Fork R ab Missoula | APR-SEP | 91 | 109 | 121 | 166% | 133 | 151 | 73 |
| | APR-JUL | 1130 | 1380 | 1550 | 126% | 1730 | 1980 | 1230 |
| Gallatin R at Logan | APR-SEP | 1270 | 1550 | 1730 | 126% | 1920 | 2200 | 1370 |
| | APR-JUL | 375 | 460 | 520 | 122% | 580 | 665 | 425 |
| Swan R nr Bigfork | APR-SEP | 425 | 520 | 585 | 121% | 645 | 740 | 485 |
| | APR-JUL | 445 | 505 | 550 | 105% | 590 | 655 | 525 |
| Little Popo Agie R nr Lander | APR-SEP | 500 | 570 | 620 | 106% | 670 | 740 | 585 |
| | APR-JUL | 39 | 50 | 57 | 136% | 64 | 75 | 42 |
| Teton R nr Dutton ² | APR-SEP | 47 | 58 | 65 | 135% | 72 | 83 | 48 |
| | APR-JUL | 9.2 | 21 | 32 | 114% | 45 | 69 | 28 |
| Yellowstone R at Livingston | APR-SEP | 11.1 | 25 | 37 | 128% | 52 | 78 | 29 |
| | APR-JUL | 1720 | 1920 | 2060 | 108% | 2200 | 2400 | 1900 |
| Missouri R bl Fort Peck Dam ² | APR-SEP | 1990 | 2240 | 2400 | 109% | 2570 | 2820 | 2200 |
| | APR-JUL | 2620 | 3390 | 3910 | 128% | 4430 | 5200 | 3060 |
| Bitterroot R nr Missoula | APR-SEP | 3090 | 4040 | 4680 | 141% | 5320 | 6270 | 3320 |
| | APR-JUL | 760 | 915 | 1020 | 83% | 1130 | 1280 | 1230 |
| Little Goose Ck nr Big Horn | APR-SEP | 835 | 1000 | 1110 | 83% | 1220 | 1390 | 1340 |
| | APR-JUL | 22 | 29 | 33 | 103% | 38 | 45 | 32 |
| Wind R at Riverton ² | APR-SEP | 29 | 36 | 41 | 98% | 46 | 54 | 42 |
| | APR-JUL | 360 | 460 | 530 | 107% | 595 | 695 | 495 |
| Powder R nr Locate | APR-SEP | 415 | 525 | 600 | 107% | 675 | 785 | 560 |
| | APR-JUL | 130 | 210 | 265 | 118% | 320 | 400 | 225 |
| Mission Ck nr St. Ignatius | APR-SEP | 140 | 225 | 280 | 117% | 335 | 420 | 240 |
| | APR-JUL | 22 | 26 | 29 | 112% | 31 | 35 | 26 |
| Cooney Reservoir Inflow | APR-SEP | 26 | 31 | 34 | 110% | 37 | 41 | 31 |
| | APR-JUL | 26 | 37 | 44 | 122% | 51 | 62 | 36 |
| Gallatin R nr Gallatin Gateway | APR-SEP | 34 | 46 | 54 | 115% | 62 | 74 | 47 |
| | APR-JUL | 390 | 440 | 475 | 117% | 505 | 555 | 405 |
| Yellowstone R at Corwin Springs | APR-SEP | 450 | 505 | 545 | 117% | 585 | 645 | 465 |
| | APR-JUL | 1510 | 1670 | 1780 | 108% | 1890 | 2050 | 1650 |

| | | | | | | | | |
|--|---------|------|------|-------|------|-------|-------|-------|
| | APR-JUL | 145 | 190 | 220 | 98% | 250 | 295 | 225 |
| | APR-SEP | 144 | 192 | 225 | 100% | 260 | 305 | 225 |
| Yellowstone R at Billings ² | | | | | | | | |
| | APR-JUL | 3020 | 3510 | 3850 | 121% | 4190 | 4680 | 3180 |
| | APR-SEP | 3390 | 3970 | 4360 | 116% | 4750 | 5330 | 3760 |
| Clark Fork R bl Cabinet Gorge Dam ² | | | | | | | | |
| | APR-JUL | 7760 | 8870 | 9620 | 96% | 10400 | 11500 | 9980 |
| | APR-SEP | 8390 | 9650 | 10500 | 96% | 11400 | 12600 | 10900 |
| Clark Fk at Goldcreek | | | | | | | | |
| | APR-JUL | 169 | 230 | 275 | 146% | 315 | 380 | 188 |
| | APR-SEP | 192 | 265 | 310 | 144% | 360 | 430 | 215 |
| Tobacco R nr Eureka | | | | | | | | |
| | APR-JUL | 55 | 76 | 89 | 69% | 103 | 123 | 129 |
| | APR-SEP | 62 | 85 | 100 | 70% | 115 | 138 | 142 |
| Boulder R at Big Timber | | | | | | | | |
| | APR-JUL | 275 | 315 | 345 | 119% | 370 | 415 | 290 |
| | APR-SEP | 290 | 340 | 370 | 119% | 400 | 450 | 310 |
| Missouri R at Toston ² | | | | | | | | |
| | APR-JUL | 1580 | 1940 | 2190 | 123% | 2440 | 2800 | 1780 |
| | APR-SEP | 2020 | 2430 | 2700 | 137% | 2970 | 3380 | 1970 |
| Marias R nr Shelby ² | | | | | | | | |
| | APR-JUL | 183 | 280 | 345 | 105% | 410 | 505 | 330 |
| | APR-SEP | 180 | 285 | 355 | 104% | 425 | 530 | 340 |
| Bighorn R at Kane ² | | | | | | | | |
| | APR-JUL | 580 | 900 | 1120 | 112% | 1340 | 1660 | 1000 |
| | APR-SEP | 600 | 945 | 1180 | 113% | 1410 | 1760 | 1040 |
| SF Shoshone R nr Valley | | | | | | | | |
| | APR-JUL | 174 | 205 | 225 | 100% | 245 | 275 | 225 |
| | APR-SEP | 196 | 230 | 255 | 98% | 280 | 315 | 260 |
| Clark Fork R bl Missoula | | | | | | | | |
| | APR-JUL | 1940 | 2310 | 2570 | 101% | 2830 | 3200 | 2550 |
| | APR-SEP | 2150 | 2560 | 2840 | 102% | 3120 | 3530 | 2780 |
| Missouri R nr Virgelle ² | | | | | | | | |
| | APR-JUL | 2470 | 3090 | 3520 | 115% | 3950 | 4570 | 3060 |
| | APR-SEP | 3110 | 3850 | 4350 | 124% | 4850 | 5590 | 3500 |
| Shields R nr Livingston | | | | | | | | |
| | APR-JUL | 106 | 149 | 178 | 140% | 210 | 250 | 127 |
| | APR-SEP | 116 | 161 | 191 | 138% | 220 | 265 | 138 |
| Rock Ck nr Buffalo | | | | | | | | |
| | APR-JUL | 13.6 | 19.2 | 23 | 110% | 27 | 32 | 21 |
| | APR-SEP | 17.5 | 23 | 27 | 108% | 31 | 37 | 25 |
| Clarks Fk Yellowstone R nr Belfry | | | | | | | | |
| | APR-JUL | 470 | 535 | 580 | 108% | 625 | 690 | 535 |
| | APR-SEP | 500 | 575 | 625 | 111% | 675 | 750 | 565 |
| Big Goose Ck nr Sheridan | | | | | | | | |
| | APR-JUL | 36 | 47 | 54 | 104% | 61 | 72 | 52 |
| | APR-SEP | 44 | 55 | 62 | 102% | 69 | 80 | 61 |
| MF Flathead R nr West Glacier | | | | | | | | |
| | APR-JUL | 1000 | 1140 | 1230 | 84% | 1330 | 1470 | 1470 |
| | APR-SEP | 1080 | 1240 | 1340 | 83% | 1450 | 1600 | 1620 |
| Smith R bl Eagle Ck ² | | | | | | | | |
| | APR-JUL | 67 | 98 | 118 | 109% | 139 | 169 | 108 |
| | APR-SEP | 74 | 107 | 129 | 113% | 151 | 184 | 114 |
| Bull Lake Ck nr Lenore ² | | | | | | | | |
| | APR-JUL | 111 | 132 | 147 | 104% | 162 | 183 | 141 |
| | APR-SEP | 135 | 160 | 177 | 105% | 194 | 220 | 168 |
| Libby Reservoir Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 3600 | 4360 | 4700 | 86% | 5040 | 5800 | 5460 |
| | APR-SEP | 4270 | 5050 | 5400 | 86% | 5750 | 6530 | 6290 |
| Flathead R at Columbia Falls ² | | | | | | | | |
| | APR-JUL | 3440 | 3890 | 4190 | 86% | 4500 | 4950 | 4870 |
| | APR-SEP | 3710 | 4210 | 4550 | 84% | 4890 | 5390 | 5400 |

| | | | | | | | | |
|---|---------|------|------|------|------|------|------|------|
| Clark Fork R at St. Regis ¹ | | | | | | | | |
| | APR-JUL | 2360 | 3040 | 3360 | 101% | 3670 | 4360 | 3320 |
| | APR-SEP | 2610 | 3370 | 3710 | 101% | 4050 | 4800 | 3670 |
| Boysen Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 435 | 645 | 785 | 108% | 925 | 1130 | 730 |
| | APR-SEP | 465 | 680 | 830 | 106% | 980 | 1200 | 785 |
| Nevada Ck nr Helmville | | | | | | | | |
| | APR-JUL | 8.6 | 15.1 | 19.5 | 135% | 24 | 30 | 14.4 |
| | APR-SEP | 9.6 | 16.4 | 21 | 135% | 26 | 32 | 15.5 |
| Flint Ck bl Boulder Ck | | | | | | | | |
| | APR-JUL | 41 | 55 | 64 | 121% | 73 | 87 | 53 |
| | APR-SEP | 51 | 68 | 79 | 118% | 90 | 106 | 67 |
| Yellowstone R at Yellowstone Lake Outlet | | | | | | | | |
| | APR-JUL | 555 | 615 | 660 | 112% | 705 | 770 | 590 |
| | APR-SEP | 710 | 800 | 865 | 112% | 925 | 1020 | 775 |
| SF Jocko R nr Arlee | | | | | | | | |
| | APR-JUL | 29 | 36 | 40 | 114% | 44 | 51 | 35 |
| | APR-SEP | 33 | 39 | 44 | 113% | 49 | 55 | 39 |
| Two Medicine R bl SF nr Browning ² | | | | | | | | |
| | APR-JUL | 120 | 152 | 174 | 91% | 196 | 230 | 191 |
| | APR-SEP | 128 | 162 | 184 | 94% | 205 | 240 | 195 |
| Wind R Ab Bull Lake Ck ² | | | | | | | | |
| | APR-JUL | 355 | 445 | 505 | 105% | 565 | 655 | 480 |
| | APR-SEP | 370 | 470 | 535 | 114% | 605 | 705 | 470 |
| MF Powder R nr Barnum | | | | | | | | |
| | APR-JUL | 10.8 | 15.4 | 18.5 | 118% | 22 | 26 | 15.7 |
| | APR-SEP | 10.8 | 15.4 | 18.5 | 111% | 22 | 26 | 16.6 |
| Missouri R nr Landusky ² | | | | | | | | |
| | APR-JUL | 2610 | 3310 | 3790 | 120% | 4270 | 4970 | 3150 |
| | APR-SEP | 3290 | 4120 | 4690 | 129% | 5260 | 6090 | 3630 |
| Boulder R nr Boulder | | | | | | | | |
| | APR-JUL | 63 | 81 | 93 | 141% | 104 | 122 | 66 |
| | APR-SEP | 65 | 85 | 98 | 142% | 111 | 131 | 69 |
| South Crow Ck nr Ronan | | | | | | | | |
| | APR-JUL | 8.9 | 10.5 | 11.6 | 114% | 12.7 | 14.3 | 10.2 |
| | APR-SEP | 10 | 12.1 | 13.5 | 117% | 14.9 | 17 | 11.5 |
| Beaverhead R at Barretts ² | | | | | | | | |
| | APR-JUL | 109 | 143 | 166 | 177% | 189 | 225 | 94 |
| | APR-SEP | 120 | 159 | 185 | 171% | 210 | 250 | 108 |
| Sf Flathead R nr Hungry Horse | | | | | | | | |
| | APR-JUL | 875 | 1010 | 1100 | 89% | 1190 | 1320 | 1230 |
| | APR-SEP | 925 | 1070 | 1160 | 90% | 1260 | 1400 | 1290 |
| Little Bighorn R nr Hardin | | | | | | | | |
| | APR-JUL | 65 | 94 | 114 | 112% | 134 | 163 | 102 |
| | APR-SEP | 73 | 106 | 128 | 106% | 150 | 183 | 121 |
| Prospect Ck at Thompson Falls | | | | | | | | |
| | APR-JUL | 50 | 62 | 71 | 75% | 79 | 91 | 95 |
| | APR-SEP | 56 | 68 | 77 | 75% | 86 | 99 | 103 |
| Powder R at Moorhead | | | | | | | | |
| | APR-JUL | 115 | 190 | 240 | 126% | 290 | 365 | 191 |
| | APR-SEP | 128 | 205 | 255 | 124% | 305 | 380 | 205 |
| Piney Ck at Kearny | | | | | | | | |
| | APR-JUL | 29 | 43 | 53 | 106% | 63 | 78 | 50 |
| | APR-SEP | 32 | 47 | 57 | 110% | 68 | 83 | 52 |

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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Missouri Headwaters | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Ennis Lake Inflow ² | APR-JUL | 700 | 770 | 820 | 133% | 870 | 940 | 615 |
| | APR-SEP | 850 | 935 | 995 | 133% | 1050 | 1140 | 750 |
| Gallatin R at Logan | APR-JUL | 375 | 460 | 520 | 122% | 580 | 665 | 425 |
| | APR-SEP | 425 | 520 | 585 | 121% | 645 | 740 | 485 |
| Willow Ck Reservoir Inflow ² | APR-JUL | 9.7 | 15.8 | 20 | 129% | 24 | 30 | 15.5 |
| Hyalite Reservoir Inflow ² | APR-JUL | 21 | 24 | 26 | 133% | 28 | 31 | 19.6 |
| | APR-SEP | 24 | 27 | 29 | 132% | 32 | 35 | 22 |
| Big Hole R at Wisdom | APR-JUL | 25 | 64 | 90 | 101% | 116 | 155 | 89 |
| | APR-SEP | 27 | 68 | 96 | 104% | 124 | 165 | 92 |
| Lima Reservoir Inflow ² | APR-JUL | 82 | 99 | 110 | 175% | 121 | 138 | 63 |
| | APR-SEP | 91 | 109 | 121 | 166% | 133 | 151 | 73 |
| Boulder R nr Boulder | APR-JUL | 63 | 81 | 93 | 141% | 104 | 122 | 66 |
| | APR-SEP | 65 | 85 | 98 | 142% | 111 | 131 | 69 |
| Jefferson R nr Three Forks ² | APR-JUL | 540 | 745 | 880 | 122% | 1020 | 1220 | 720 |
| | APR-SEP | 685 | 900 | 1050 | 149% | 1200 | 1420 | 705 |
| Big Hole R nr Melrose | APR-JUL | 395 | 500 | 575 | 110% | 650 | 755 | 525 |
| | APR-SEP | 420 | 535 | 615 | 108% | 695 | 810 | 570 |
| Hebgen Lake Inflow ² | APR-JUL | 380 | 420 | 450 | 129% | 480 | 520 | 350 |
| | APR-SEP | 480 | 530 | 565 | 124% | 600 | 650 | 455 |
| Gallatin R nr Gallatin Gateway | APR-JUL | 390 | 440 | 475 | 117% | 505 | 555 | 405 |
| | APR-SEP | 450 | 505 | 545 | 117% | 585 | 645 | 465 |
| Jefferson R nr Twin Bridges ² | APR-JUL | 475 | 665 | 795 | 120% | 925 | 1120 | 665 |
| | APR-SEP | 490 | 695 | 835 | 124% | 970 | 1180 | 675 |
| Beaverhead R at Barretts ² | APR-JUL | 109 | 143 | 166 | 177% | 189 | 225 | 94 |
| | APR-SEP | 120 | 159 | 185 | 171% | 210 | 250 | 108 |
| Clark Canyon Inflow ² | APR-JUL | 71 | 100 | 120 | 190% | 140 | 169 | 63 |
| | APR-SEP | 78 | 111 | 133 | 190% | 155 | 188 | 70 |
| Ruby R Reservoir Inflow | APR-JUL | 89 | 103 | 112 | 160% | 121 | 135 | 70 |
| | APR-SEP | 103 | 119 | 130 | 155% | 141 | 157 | 84 |

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

| |
|--|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|--|

| Montana | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Lake Sherburne Inflow ² | APR-JUL | 66 | 77 | 85 | 86% | 93 | 104 | 99 |
| | APR-SEP | 77 | 90 | 99 | 85% | 107 | 120 | 116 |
| Rock Ck nr Clinton | APR-JUL | 199 | 250 | 285 | 116% | 320 | 375 | 245 |
| | APR-SEP | 225 | 280 | 320 | 116% | 360 | 415 | 275 |

| | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|
| NF Flathead R nr Columbia Falls | | | | | | | | |
| | APR-JUL | 1010 | 1150 | 1240 | 81% | 1340 | 1480 | 1540 |
| | APR-SEP | 1110 | 1270 | 1370 | 81% | 1480 | 1630 | 1700 |
| WF Bitterroot R Nr Conner ² | | | | | | | | |
| | APR-JUL | 81 | 107 | 125 | 96% | 142 | 168 | 130 |
| | APR-SEP | 89 | 116 | 135 | 98% | 153 | 180 | 138 |
| Badger Ck nr Browning | | | | | | | | |
| | APR-JUL | 44 | 63 | 75 | 106% | 87 | 106 | 71 |
| | APR-SEP | 50 | 70 | 84 | 104% | 98 | 118 | 81 |
| Blackfoot R nr Bonner | | | | | | | | |
| | APR-JUL | 665 | 790 | 875 | 119% | 960 | 1090 | 735 |
| | APR-SEP | 730 | 870 | 960 | 120% | 1050 | 1190 | 800 |
| Yaak R nr Troy | | | | | | | | |
| | APR-JUL | 210 | 270 | 315 | 78% | 355 | 420 | 405 |
| | APR-SEP | 220 | 285 | 330 | 78% | 375 | 440 | 425 |
| Shields R nr Livingston | | | | | | | | |
| | APR-JUL | 106 | 149 | 178 | 140% | 210 | 250 | 127 |
| | APR-SEP | 116 | 161 | 191 | 138% | 220 | 265 | 138 |
| Swift Reservoir Inflow | | | | | | | | |
| | APR-JUL | 33 | 45 | 53 | 106% | 61 | 73 | 50 |
| | APR-SEP | 38 | 52 | 61 | 105% | 70 | 84 | 58 |
| Big Hole R at Wisdom | | | | | | | | |
| | APR-JUL | 25 | 64 | 90 | 101% | 116 | 155 | 89 |
| | APR-SEP | 27 | 68 | 96 | 104% | 124 | 165 | 92 |
| Lima Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 82 | 99 | 110 | 175% | 121 | 138 | 63 |
| | APR-SEP | 91 | 109 | 121 | 166% | 133 | 151 | 73 |
| Clark Fork R ab Missoula | | | | | | | | |
| | APR-JUL | 1130 | 1380 | 1550 | 126% | 1730 | 1980 | 1230 |
| | APR-SEP | 1270 | 1550 | 1730 | 126% | 1920 | 2200 | 1370 |
| Hungry Horse Reservoir Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 1290 | 1570 | 1700 | 92% | 1830 | 2110 | 1850 |
| | APR-SEP | 1360 | 1660 | 1800 | 92% | 1940 | 2240 | 1960 |
| Jefferson R nr Twin Bridges ² | | | | | | | | |
| | APR-JUL | 475 | 665 | 795 | 120% | 925 | 1120 | 665 |
| | APR-SEP | 490 | 695 | 835 | 124% | 970 | 1180 | 675 |
| Hebgen Lake Inflow ² | | | | | | | | |
| | APR-JUL | 380 | 420 | 450 | 129% | 480 | 520 | 350 |
| | APR-SEP | 480 | 530 | 565 | 124% | 600 | 650 | 455 |
| Stillwater R nr Absarokee ² | | | | | | | | |
| | APR-JUL | 375 | 445 | 495 | 114% | 545 | 615 | 435 |
| | APR-SEP | 430 | 515 | 570 | 108% | 630 | 715 | 530 |
| Clark Canyon Inflow ² | | | | | | | | |
| | APR-JUL | 71 | 100 | 120 | 190% | 140 | 169 | 63 |
| | APR-SEP | 78 | 111 | 133 | 190% | 155 | 188 | 70 |
| MF Rock Ck nr Philipsburg | | | | | | | | |
| | APR-JUL | 48 | 59 | 67 | 118% | 74 | 85 | 57 |
| | APR-SEP | 54 | 66 | 74 | 119% | 82 | 94 | 62 |
| Gallatin R at Logan | | | | | | | | |
| | APR-JUL | 375 | 460 | 520 | 122% | 580 | 665 | 425 |
| | APR-SEP | 425 | 520 | 585 | 121% | 645 | 740 | 485 |
| Swan R nr Bigfork | | | | | | | | |
| | APR-JUL | 445 | 505 | 550 | 105% | 590 | 655 | 525 |
| | APR-SEP | 500 | 570 | 620 | 106% | 670 | 740 | 585 |
| Teton R nr Dutton ² | | | | | | | | |
| | APR-JUL | 9.2 | 21 | 32 | 114% | 45 | 69 | 28 |
| | APR-SEP | 11.1 | 25 | 37 | 128% | 52 | 78 | 29 |
| Gibson Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 275 | 325 | 365 | 97% | 400 | 450 | 375 |
| | APR-SEP | 300 | 360 | 400 | 96% | 440 | 500 | 415 |
| MF Flathead R nr West Glacier | | | | | | | | |
| | APR-JUL | 1000 | 1140 | 1230 | 84% | 1330 | 1470 | 1470 |

| | | | | | | | | |
|---------------------------------------|---------|------|------|------|------|-------|-------|------|
| | APR-JUL | 285 | 360 | 410 | 88% | 460 | 530 | 465 |
| | APR-SEP | 310 | 385 | 440 | 88% | 490 | 565 | 500 |
| Clark Fork R nr Plains ^{1,2} | | | | | | | | |
| | APR-JUL | 6450 | 7980 | 8670 | 98% | 9370 | 10900 | 8890 |
| | APR-SEP | 6980 | 8710 | 9500 | 96% | 10300 | 12000 | 9920 |
| Flathead Lake Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 3910 | 4770 | 5160 | 91% | 5550 | 6420 | 5670 |
| | APR-SEP | 4140 | 5130 | 5580 | 88% | 6030 | 7020 | 6310 |
| Ruby R Reservoir Inflow | | | | | | | | |
| | APR-JUL | 89 | 103 | 112 | 160% | 121 | 135 | 70 |
| | APR-SEP | 103 | 119 | 130 | 155% | 141 | 157 | 84 |

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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Western Montana | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rock Ck nr Clinton | | | | | | | | |
| | APR-JUL | 199 | 250 | 285 | 116% | 320 | 375 | 245 |
| | APR-SEP | 225 | 280 | 320 | 116% | 360 | 415 | 275 |
| Blackfoot R nr Bonner | | | | | | | | |
| | APR-JUL | 665 | 790 | 875 | 119% | 960 | 1090 | 735 |
| | APR-SEP | 730 | 870 | 960 | 120% | 1050 | 1190 | 800 |
| NF Flathead R nr Columbia Falls | | | | | | | | |
| | APR-JUL | 1010 | 1150 | 1240 | 81% | 1340 | 1480 | 1540 |
| | APR-SEP | 1110 | 1270 | 1370 | 81% | 1480 | 1630 | 1700 |
| WF Bitterroot R Nr Conner ² | | | | | | | | |
| | APR-JUL | 81 | 107 | 125 | 96% | 142 | 168 | 130 |
| | APR-SEP | 89 | 116 | 135 | 98% | 153 | 180 | 138 |
| Yaak R nr Troy | | | | | | | | |
| | APR-JUL | 210 | 270 | 315 | 78% | 355 | 420 | 405 |
| | APR-SEP | 220 | 285 | 330 | 78% | 375 | 440 | 425 |
| Clark Fork R ab Missoula | | | | | | | | |
| | APR-JUL | 1130 | 1380 | 1550 | 126% | 1730 | 1980 | 1230 |
| | APR-SEP | 1270 | 1550 | 1730 | 126% | 1920 | 2200 | 1370 |
| Hungry Horse Reservoir Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 1290 | 1570 | 1700 | 92% | 1830 | 2110 | 1850 |
| | APR-SEP | 1360 | 1660 | 1800 | 92% | 1940 | 2240 | 1960 |
| MF Rock Ck nr Philipsburg | | | | | | | | |
| | APR-JUL | 48 | 59 | 67 | 118% | 74 | 85 | 57 |
| | APR-SEP | 54 | 66 | 74 | 119% | 82 | 94 | 62 |
| Swan R nr Bigfork | | | | | | | | |
| | APR-JUL | 445 | 505 | 550 | 105% | 590 | 655 | 525 |
| | APR-SEP | 500 | 570 | 620 | 106% | 670 | 740 | 585 |
| MF Flathead R nr West Glacier | | | | | | | | |
| | APR-JUL | 1000 | 1140 | 1230 | 84% | 1330 | 1470 | 1470 |
| | APR-SEP | 1080 | 1240 | 1340 | 83% | 1450 | 1600 | 1620 |
| Bitterroot R nr Missoula | | | | | | | | |
| | APR-JUL | 760 | 915 | 1020 | 83% | 1130 | 1280 | 1230 |
| | APR-SEP | 835 | 1000 | 1110 | 83% | 1220 | 1390 | 1340 |
| Clark Fork R ab Milltown | | | | | | | | |
| | APR-JUL | 430 | 580 | 680 | 126% | 780 | 930 | 540 |
| | APR-SEP | 495 | 660 | 775 | 120% | 890 | 1050 | 645 |
| Libby Reservoir Inflow ^{1,2} | | | | | | | | |
| | APR-JUL | 3600 | 4360 | 4700 | 86% | 5040 | 5800 | 5460 |
| | APR-SEP | 4270 | 5050 | 5400 | 86% | 5750 | 6530 | 6290 |
| Flathead R at Columbia Falls ² | | | | | | | | |
| | APR-JUL | 3440 | 3890 | 4190 | 86% | 4500 | 4950 | 4870 |

| | | | | | | | | |
|--|---------|------|------|-------|------|-------|-------|-------|
| Clark Fork R at St. Regis ¹ | APR-SEP | 3710 | 4210 | 4550 | 84% | 4890 | 5390 | 5400 |
| | APR-JUL | 2360 | 3040 | 3360 | 101% | 3670 | 4360 | 3320 |
| Clark Fork R bl Cabinet Gorge Dam ² | APR-SEP | 2610 | 3370 | 3710 | 101% | 4050 | 4800 | 3670 |
| | APR-JUL | 7760 | 8870 | 9620 | 96% | 10400 | 11500 | 9980 |
| Nevada Ck nr Helmville | APR-SEP | 8390 | 9650 | 10500 | 96% | 11400 | 12600 | 10900 |
| | APR-JUL | 8.6 | 15.1 | 19.5 | 135% | 24 | 30 | 14.4 |
| Mission Ck nr St. Ignatius | APR-SEP | 9.6 | 16.4 | 21 | 135% | 26 | 32 | 15.5 |
| | APR-JUL | 22 | 26 | 29 | 112% | 31 | 35 | 26 |
| Flint Ck bl Boulder Ck | APR-SEP | 26 | 31 | 34 | 110% | 37 | 41 | 31 |
| | APR-JUL | 41 | 55 | 64 | 121% | 73 | 87 | 53 |
| SF Jocko R nr Arlee | APR-SEP | 51 | 68 | 79 | 118% | 90 | 106 | 67 |
| | APR-JUL | 29 | 36 | 40 | 114% | 44 | 51 | 35 |
| Georgetown Lake Inflow ² | APR-SEP | 33 | 39 | 44 | 113% | 49 | 55 | 39 |
| | APR-JUL | 9.5 | 13.2 | 15.8 | 123% | 18.3 | 22 | 12.8 |
| Clark Fk at Goldcreek | APR-SEP | 11 | 15.5 | 18.6 | 126% | 22 | 26 | 14.8 |
| | APR-JUL | 169 | 230 | 275 | 146% | 315 | 380 | 188 |
| Tobacco R nr Eureka | APR-SEP | 192 | 265 | 310 | 144% | 360 | 430 | 215 |
| | APR-JUL | 55 | 76 | 89 | 69% | 103 | 123 | 129 |
| South Crow Ck nr Ronan | APR-SEP | 62 | 85 | 100 | 70% | 115 | 138 | 142 |
| | APR-JUL | 8.9 | 10.5 | 11.6 | 114% | 12.7 | 14.3 | 10.2 |
| Sf Flathead R nr Hungry Horse | APR-SEP | 10 | 12.1 | 13.5 | 117% | 14.9 | 17 | 11.5 |
| | APR-JUL | 875 | 1010 | 1100 | 89% | 1190 | 1320 | 1230 |
| Prospect Ck at Thompson Falls | APR-SEP | 925 | 1070 | 1160 | 90% | 1260 | 1400 | 1290 |
| | APR-JUL | 50 | 62 | 71 | 75% | 79 | 91 | 95 |
| Mill Ck ab Bassoo ck nr Niarada | APR-SEP | 56 | 68 | 77 | 75% | 86 | 99 | 103 |
| | APR-JUL | 2.8 | 3.8 | 4.6 | 98% | 5.4 | 6.8 | 4.7 |
| Clark Fork R bl Missoula | APR-SEP | 3.1 | 4.1 | 4.9 | 100% | 5.8 | 7.2 | 4.9 |
| | APR-JUL | 1940 | 2310 | 2570 | 101% | 2830 | 3200 | 2550 |
| Bitterroot R Nr Darby ² | APR-SEP | 2150 | 2560 | 2840 | 102% | 3120 | 3530 | 2780 |
| | APR-JUL | 285 | 360 | 410 | 88% | 460 | 530 | 465 |
| Clark Fork R nr Plains ^{1,2} | APR-SEP | 310 | 385 | 440 | 88% | 490 | 565 | 500 |
| | APR-JUL | 6450 | 7980 | 8670 | 98% | 9370 | 10900 | 8890 |
| Flathead Lake Inflow ^{1,2} | APR-SEP | 6980 | 8710 | 9500 | 96% | 10300 | 12000 | 9920 |
| | APR-JUL | 3910 | 4770 | 5160 | 91% | 5550 | 6420 | 5670 |
| | APR-SEP | 4140 | 5130 | 5580 | 88% | 6030 | 7020 | 6310 |

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

| |
|---|
| Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast |
|---|

| Yellowstone | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
|-------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|

| | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|
| Buffalo Bill Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 525 | 630 | 700 | 104% | 770 | 875 | 670 |
| | APR-SEP | 575 | 690 | 765 | 105% | 840 | 955 | 730 |
| Dinwoody Ck nr Burris | | | | | | | | |
| | APR-JUL | 57 | 65 | 70 | 97% | 75 | 83 | 72 |
| | APR-SEP | 82 | 90 | 96 | 99% | 102 | 110 | 97 |
| Shields R nr Livingston | | | | | | | | |
| | APR-JUL | 106 | 149 | 178 | 140% | 210 | 250 | 127 |
| | APR-SEP | 116 | 161 | 191 | 138% | 220 | 265 | 138 |
| Bighorn R nr St. Xavier ² | | | | | | | | |
| | APR-JUL | 1000 | 1410 | 1680 | 104% | 1950 | 2360 | 1610 |
| | APR-SEP | 1010 | 1460 | 1760 | 102% | 2060 | 2510 | 1720 |
| Rock Ck nr Buffalo | | | | | | | | |
| | APR-JUL | 13.6 | 19.2 | 23 | 110% | 27 | 32 | 21 |
| | APR-SEP | 17.5 | 23 | 27 | 108% | 31 | 37 | 25 |
| Clarks Fk Yellowstone R nr Belfry | | | | | | | | |
| | APR-JUL | 470 | 535 | 580 | 108% | 625 | 690 | 535 |
| | APR-SEP | 500 | 575 | 625 | 111% | 675 | 750 | 565 |
| Big Goose Ck nr Sheridan | | | | | | | | |
| | APR-JUL | 36 | 47 | 54 | 104% | 61 | 72 | 52 |
| | APR-SEP | 44 | 55 | 62 | 102% | 69 | 80 | 61 |
| Stillwater R nr Absarokee ² | | | | | | | | |
| | APR-JUL | 375 | 445 | 495 | 114% | 545 | 615 | 435 |
| | APR-SEP | 430 | 515 | 570 | 108% | 630 | 715 | 530 |
| Little Popo Agie R nr Lander | | | | | | | | |
| | APR-JUL | 39 | 50 | 57 | 136% | 64 | 75 | 42 |
| | APR-SEP | 47 | 58 | 65 | 135% | 72 | 83 | 48 |
| Shell Ck nr Shell | | | | | | | | |
| | APR-JUL | 43 | 52 | 58 | 98% | 64 | 73 | 59 |
| | APR-SEP | 53 | 63 | 70 | 99% | 77 | 87 | 71 |
| Yellowstone R at Livingston | | | | | | | | |
| | APR-JUL | 1720 | 1920 | 2060 | 108% | 2200 | 2400 | 1900 |
| | APR-SEP | 1990 | 2240 | 2400 | 109% | 2570 | 2820 | 2200 |
| Tongue River Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 147 | 199 | 235 | 107% | 270 | 325 | 220 |
| | APR-SEP | 166 | 220 | 260 | 104% | 300 | 355 | 250 |
| Greybull R at Meeteetse | | | | | | | | |
| | APR-JUL | 115 | 153 | 180 | 128% | 205 | 245 | 141 |
| | APR-SEP | 160 | 205 | 235 | 118% | 265 | 310 | 199 |
| Bull Lake Ck nr Lenore ² | | | | | | | | |
| | APR-JUL | 111 | 132 | 147 | 104% | 162 | 183 | 141 |
| | APR-SEP | 135 | 160 | 177 | 105% | 194 | 220 | 168 |
| Little Wind R nr Riverton | | | | | | | | |
| | APR-JUL | 205 | 295 | 360 | 129% | 425 | 520 | 280 |
| | APR-SEP | 225 | 325 | 390 | 130% | 460 | 560 | 300 |
| Little Goose Ck nr Big Horn | | | | | | | | |
| | APR-JUL | 22 | 29 | 33 | 103% | 38 | 45 | 32 |
| | APR-SEP | 29 | 36 | 41 | 98% | 46 | 54 | 42 |
| SF Shoshone R ab Buffalo Bill Reservoir | | | | | | | | |
| | APR-JUL | 145 | 190 | 220 | 98% | 250 | 295 | 225 |
| | APR-SEP | 144 | 192 | 225 | 100% | 260 | 305 | 225 |
| Yellowstone R at Billings ² | | | | | | | | |
| | APR-JUL | 3020 | 3510 | 3850 | 121% | 4190 | 4680 | 3180 |
| | APR-SEP | 3390 | 3970 | 4360 | 116% | 4750 | 5330 | 3760 |
| Wind R at Riverton ² | | | | | | | | |
| | APR-JUL | 360 | 460 | 530 | 107% | 595 | 695 | 495 |
| | APR-SEP | 415 | 525 | 600 | 107% | 675 | 785 | 560 |
| Powder R nr Locate | | | | | | | | |
| | APR-JUL | 130 | 210 | 265 | 118% | 320 | 400 | 225 |
| | APR-SEP | 140 | 225 | 280 | 117% | 335 | 420 | 240 |
| Boysen Reservoir Inflow ² | | | | | | | | |
| | APR-JUL | 435 | 645 | 785 | 108% | 925 | 1130 | 730 |
| | APR-SEP | 465 | 680 | 830 | 106% | 980 | 1200 | 785 |

| | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|
| NF Powder R nr Hazelton | | | | | | | | |
| | APR-JUL | 8 | 9.8 | 11.1 | 108% | 12.3 | 14.2 | 10.3 |
| | APR-SEP | 8.6 | 10.5 | 11.8 | 106% | 13.1 | 15 | 11.1 |
| Yellowstone R at Yellowstone Lake Outlet | | | | | | | | |
| | APR-JUL | 555 | 615 | 660 | 112% | 705 | 770 | 590 |
| | APR-SEP | 710 | 800 | 865 | 112% | 925 | 1020 | 775 |
| Wind R Ab Bull Lake Ck ² | | | | | | | | |
| | APR-JUL | 355 | 445 | 505 | 105% | 565 | 655 | 480 |
| | APR-SEP | 370 | 470 | 535 | 114% | 605 | 705 | 470 |
| Cooney Reservoir Inflow | | | | | | | | |
| | APR-JUL | 26 | 37 | 44 | 122% | 51 | 62 | 36 |
| | APR-SEP | 34 | 46 | 54 | 115% | 62 | 74 | 47 |
| MF Powder R nr Barnum | | | | | | | | |
| | APR-JUL | 10.8 | 15.4 | 18.5 | 118% | 22 | 26 | 15.7 |
| | APR-SEP | 10.8 | 15.4 | 18.5 | 111% | 22 | 26 | 16.6 |
| Boulder R at Big Timber | | | | | | | | |
| | APR-JUL | 275 | 315 | 345 | 119% | 370 | 415 | 290 |
| | APR-SEP | 290 | 340 | 370 | 119% | 400 | 450 | 310 |
| Mystic Lake Inflow ² | | | | | | | | |
| | APR-JUL | 54 | 59 | 63 | 109% | 66 | 72 | 58 |
| | APR-SEP | 67 | 74 | 79 | 105% | 84 | 91 | 75 |
| Yellowstone R at Corwin Springs | | | | | | | | |
| | APR-JUL | 1510 | 1670 | 1780 | 108% | 1890 | 2050 | 1650 |
| | APR-SEP | 1740 | 1940 | 2080 | 109% | 2210 | 2410 | 1900 |
| Tongue R nr Dayton ² | | | | | | | | |
| | APR-JUL | 70 | 85 | 96 | 109% | 107 | 122 | 88 |
| | APR-SEP | 79 | 96 | 108 | 106% | 120 | 137 | 102 |
| Little Bighorn R nr Hardin | | | | | | | | |
| | APR-JUL | 65 | 94 | 114 | 112% | 134 | 163 | 102 |
| | APR-SEP | 73 | 106 | 128 | 106% | 150 | 183 | 121 |
| Bighorn R at Kane ² | | | | | | | | |
| | APR-JUL | 580 | 900 | 1120 | 112% | 1340 | 1660 | 1000 |
| | APR-SEP | 600 | 945 | 1180 | 113% | 1410 | 1760 | 1040 |
| SF Shoshone R nr Valley | | | | | | | | |
| | APR-JUL | 174 | 205 | 225 | 100% | 245 | 275 | 225 |
| | APR-SEP | 196 | 230 | 255 | 98% | 280 | 315 | 260 |
| NF Shoshone R at Wapiti | | | | | | | | |
| | APR-JUL | 375 | 440 | 480 | 107% | 520 | 585 | 450 |
| | APR-SEP | 425 | 490 | 535 | 104% | 580 | 645 | 515 |
| Piney Ck at Kearny | | | | | | | | |
| | APR-JUL | 29 | 43 | 53 | 106% | 63 | 78 | 50 |
| | APR-SEP | 32 | 47 | 57 | 110% | 68 | 83 | 52 |
| Powder R at Moorhead | | | | | | | | |
| | APR-JUL | 115 | 190 | 240 | 126% | 290 | 365 | 191 |
| | APR-SEP | 128 | 205 | 255 | 124% | 305 | 380 | 205 |

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