

Basinwide Summary: November 1, 2023
 (Medians based On 1991-2020 reference period)

Reservoir Storage Summary For the End of October 2023

Flathead		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Hungry Horse Lake		2930.1	3048.1	2860.0	3451.0	85%	88%	83%	102%	107%
Lower Jocko Lake					6.4					
Camas (4)					45.2					
Ashley Lake				12.9						
Flathead Lake		1415.8	1537.3	1561.0	1791.0	79%	86%	87%	91%	98%
Mission Valley (8)					100.0					
Basin Index						83%	87%	84%	98%	104%
# of reservoirs						2	2	2	2	2
Bitterroot		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Como		3.5	4.1	4.6	34.9	10%	12%	13%	77%	89%
Painted Rocks Lake			8.0	7.1	31.7		25%	22%		112%
Basin Index						10%	18%	18%	77%	103%
# of reservoirs						1	2	2	1	2
Lower Clark Fork		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Noxon Rapids Reservoir			313.6	320.0	335.0		94%	96%		98%
Thompson Falls Res			14.3	15.0						95%
Basin Index							94%	96%		98%
# of reservoirs						0	1	1	0	2
Upper Clark Fork		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
East Fork Rock Creek Res			6.1	6.0	16.0		38%	37%		102%
Nevada Creek Res			3.4	4.1	12.6		27%	33%		82%
Lower Willow Creek Reservoir					4.9					
Silver Lake										
Georgetown Lake		29.2	25.9	27.5	31.0	94%	83%	89%	106%	94%
Basin Index						94%	59%	63%	106%	94%
# of reservoirs						1	3	3	1	3
Kootenai		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Koocanusa		4812.4	5248.2	4918.0	5748.0	84%	91%	86%	98%	107%
Basin Index						84%	91%	86%	98%	107%
# of reservoirs						1	1	1	1	1
Tongue		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Tongue River Res			42.7	40.7	79.1		54%	51%		105%
Basin Index							54%	51%		105%
# of reservoirs						0	1	1	0	1
Bighorn		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Boysen		638.4	600.9	587.2	596.0	107%	101%	99%	109%	102%
Pilot Butte		25.6	24.8	25.6	31.6	81%	78%	81%	100%	97%
Buffalo Bill		452.7	452.1	448.0	646.6	70%	70%	69%	101%	101%
Bighorn Lake		988.4	918.9	974.1	1356.0	73%	68%	72%	101%	94%
Bull Lake		71.7	70.7	80.7	151.8	47%	47%	53%	89%	88%
Basin Index						78%	74%	76%	103%	98%
# of reservoirs						5	5	5	5	5
Upper Yellowstone		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Mystic Lake			17.2	15.4	21.0		82%	73%		111%
Cooney Res			17.4	17.0	27.4		64%	62%		102%
Basin Index							71%	67%		107%
# of reservoirs						0	2	2	0	2
Bear Paw		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Beaver Creek					3.5					
Basin Index									%	%
# of reservoirs						0	0	0	0	0

Milk	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Nelson Res	47.4	27.5	44.7	66.8	71%	41%	67%	106%	62%
Fresno Res	23.9	42.0	51.7	127.0	19%	33%	41%	46%	81%
Basin Index					37%	36%	50%	74%	72%
# of reservoirs					2	2	2	2	2
Lower Missouri	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Fort Peck Lake	13943.4	12279.8	14234.0	18910.0	74%	65%	75%	98%	86%
Basin Index					74%	65%	75%	98%	86%
# of reservoirs					1	1	1	1	1
Sun-Teton-Marias	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Pishkun Res	19.4	19.6	19.5	32.0	61%	61%	61%	99%	100%
Four Horns Lake			10.5	19.2			55%		
Lake Frances		35.4	50.7	112.0		32%	45%		70%
Lake Elwell (Tiber)	736.8	781.4	786.4	1347.0	55%	58%	58%	94%	99%
Nilan Reservoir		2.5	5.6	11.0		23%	51%		44%
Lower Two Medicine Lake				11.9					
Swift Res		7.7	7.9	30.0		26%	26%		98%
Gibson Res	7.2	5.6	15.2	99.1	7%	6%	15%	47%	37%
Willow Creek Res - Augusta	14.3	12.9	22.8	32.2	44%	40%	71%	63%	57%
Basin Index					51%	52%	55%	92%	95%
# of reservoirs					4	7	8	4	7
Smith-Judith-Musselshell	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Smith River Res		3.3	5.0	10.6			31%	47%	65%
Martinsdale Res		2.7		23.1			12%		
Deadman's Basin Res		24.5	37.8	72.2			34%	52%	65%
Newlan Lake Res									
Ackley Lake		3.0	2.8	7.0			43%	40%	107%
Bair Res		1.4	2.7	7.0			20%	39%	51%
Basin Index						29%	50%		67%
# of reservoirs					0	5	4	0	4
Upper Missouri	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Helena		10.9	10.9	12.7			86%	86%	100%
Hauser Lake & Lake Helena		74.0		74.6			99%		
Helena Valley Reservoir	7.7	7.3	6.0	9.2	83%	80%	65%	128%	122%
Canyon Ferry Lake	1674.8	1482.9	1572.0	2043.0	82%	73%	77%	107%	94%
Holter Lake		80.9	80.8	81.9			99%	99%	100%
Basin Index					82%	75%	78%	107%	95%
# of reservoirs					2	5	4	2	4
Gallatin	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Middle Creek Res		5.4	5.5	10.2			53%	54%	99%
Basin Index						53%	54%		99%
# of reservoirs					0	1	1	0	1
Madison	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Hebgen Lake		330.3	327.2	378.8			87%	86%	101%
Ennis Lake		36.6	35.1	41.0			89%	86%	104%
Basin Index						87%	86%		101%
# of reservoirs					0	2	2	0	2
Jefferson	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Ruby River Reservoir		18.8	13.9	38.8			49%	36%	136%
Willow Creek Res (Harrison)		7.7	8.3						93%
Lima Reservoir	48.4	17.3	28.6	84.0	58%	21%	34%	169%	60%
Clark Canyon Res	128.3	63.2	77.4	255.6	50%	25%	30%	166%	82%
Basin Index					52%	26%	32%	167%	83%
# of reservoirs					2	3	3	2	4

St. Mary	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Sherburne	17.8	10.2	18.5	64.3	28%	16%	29%	96%	55%
Basin Index					28%	16%	29%	96%	55%
# of reservoirs					1	1	1	1	1

Missouri Headwaters	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Hebgen Lake		330.3	327.2	378.8		87%	86%		101%
Willow Creek Res (Harrison)		7.7	8.3						93%
Ennis Lake		36.6	35.1	41.0		89%	86%		104%
Lima Reservoir	48.4	17.3	28.6	84.0	58%	21%	34%	169%	60%
Middle Creek Res		5.4	5.5	10.2		53%	54%		99%
Ruby River Reservoir		18.8	13.9	38.8		49%	36%		136%
Clark Canyon Res	128.3	63.2	77.4	255.6	50%	25%	30%	166%	82%
Basin Index					52%	58%	60%	167%	97%
# of reservoirs					2	6	6	2	7

Montana East of Divide	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Helena Valley Reservoir	7.7	7.3	6.0	9.2	83%	80%	65%	128%	122%
Lake Elwell (Tiber)	736.8	781.4	786.4	1347.0	55%	58%	58%	94%	99%
Holter Lake		80.9	80.8	81.9		99%	99%		100%
Fort Peck Lake	13943.4	12279.8	14234.0	18910.0	74%	65%	75%	98%	86%
Lake Helena		10.9	10.9	12.7		86%	86%		100%
Hauser Lake & Lake Helena		74.0		74.6		99%			
Lake Frances		35.4	50.7	112.0		32%	45%		70%
Newlan Lake Res									
Gibson Res	7.2	5.6	15.2	99.1	7%	6%	15%	47%	37%
Fresno Res	23.9	42.0	51.7	127.0	19%	33%	41%	46%	81%
Smith River Res		3.3	5.0	10.6		31%	47%		65%
Four Horns Lake			10.5	19.2			55%		
Nelson Res	47.4	27.5	44.7	66.8	71%	41%	67%	106%	62%
Nilan Reservoir		2.5	5.6	11.0		23%	51%		44%
Swift Res		7.7	7.9	30.0		26%	26%		98%
Willow Creek Res - Augusta	14.3	12.9	22.8	32.2	44%	40%	71%	63%	57%
Pishkun Res	19.4	19.6	19.5	32.0	61%	61%	61%	99%	100%
Beaver Creek				3.5					
Martinsdale Res		2.7		23.1		12%			
Deadman's Basin Res		24.5	37.8	72.2		34%	52%		65%
Lower Two Medicine Lake				11.9					
Ackley Lake		3.0	2.8	7.0		43%	40%		107%
Canyon Ferry Lake	1674.8	1482.9	1572.0	2043.0	82%	73%	77%	107%	94%
Bair Res		1.4	2.7	7.0		20%	39%		51%
Basin Index					73%	65%	74%	98%	87%
# of reservoirs					9	20	19	9	18

Montana West of Divide	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Como	3.5	4.1	4.6	34.9	10%	12%	13%	77%	89%
Painted Rocks Lake		8.0	7.1	31.7		25%	22%		112%
Hungry Horse Lake	2930.1	3048.1	2860.0	3451.0	85%	88%	83%	102%	107%
East Fork Rock Creek Res		6.1	6.0	16.0		38%	37%		102%
Lower Willow Creek Reservoir				4.9					
Nevada Creek Res		3.4	4.1	12.6		27%	33%		82%
Lower Jocko Lake				6.4					
Camas (4)				45.2					
Ashley Lake			12.9						
Flathead Lake	1415.8	1537.3	1561.0	1791.0	79%	86%	87%	91%	98%
Mission Valley (8)				100.0					
Silver Lake									
Thompson Falls Res		14.3	15.0						95%
Lake Koocanusa	4812.4	5248.2	4918.0	5748.0	84%	91%	86%	98%	107%
Georgetown Lake	29.2	25.9	27.5	31.0	94%	83%	89%	106%	94%
Noxon Rapids Reservoir		313.6	320.0	335.0		94%	96%		98%
Basin Index					83%	89%	85%	98%	105%
# of reservoirs					5	9	9	5	10

Montana in State Basins	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Helena Valley Reservoir	7.7	7.3	6.0	9.2	83%	80%	65%	128%	122%
Lake Elwell (Tiber)	736.8	781.4	786.4	1347.0	55%	58%	58%	94%	99%
Mission Valley (8)				100.0					
Lima Reservoir	48.4	17.3	28.6	84.0	58%	21%	34%	169%	60%

Holter Lake		80.9	80.8	81.9		99%	99%		100%
Middle Creek Res		5.4	5.5	10.2		53%	54%		99%
Cooney Res		17.4	17.0	27.4		64%	62%		102%
Clark Canyon Res	128.3	63.2	77.4	255.6	50%	25%	30%	166%	82%
Hungry Horse Lake	2930.1	3048.1	2860.0	3451.0	85%	88%	83%	102%	107%
Lake Helena		10.9	10.9	12.7		86%	86%		100%
Hauser Lake & Lake Helena		74.0		74.6		99%			
Ennis Lake		36.6	35.1	41.0		89%	86%		104%
Lower Willow Creek Reservoir				4.9					
Lake Frances		35.4	50.7	112.0		32%	45%		70%
Newlan Lake Res									
Silver Lake									
Gibson Res	7.2	5.6	15.2	99.1	7%	6%	15%	47%	37%
Lake Sherburne	17.8	10.2	18.5	64.3	28%	16%	29%	96%	55%
Ruby River Reservoir		18.8	13.9	38.8		49%	36%		136%
Georgetown Lake	29.2	25.9	27.5	31.0	94%	83%	89%	106%	94%
Lake Como	3.5	4.1	4.6	34.9	10%	12%	13%	77%	89%
Mystic Lake		17.2	15.4	21.0		82%	73%		111%
Willow Creek Res (Harrison)		7.7	8.3						93%
Fresno Res	23.9	42.0	51.7	127.0	19%	33%	41%	46%	81%
Smith River Res		3.3	5.0	10.6		31%	47%		65%
East Fork Rock Creek Res		6.1	6.0	16.0		38%	37%		102%
Lower Jocko Lake				6.4					
Nelson Res	47.4	27.5	44.7	66.8	71%	41%	67%	106%	62%
Four Horns Lake			10.5	19.2			55%		
Camas (4)				45.2					
Nilan Reservoir		2.5	5.6	11.0		23%	51%		44%
Swift Res		7.7	7.9	30.0		26%	26%		98%
Lake Koocanusa	4812.4	5248.2	4918.0	5748.0	84%	91%	86%	98%	107%
Willow Creek Res - Augusta	14.3	12.9	22.8	32.2	44%	40%	71%	63%	57%
Painted Rocks Lake		8.0	7.1	31.7		25%	22%		112%
Hebgen Lake		330.3	327.2	378.8		87%	86%		101%
Pishkun Res	19.4	19.6	19.5	32.0	61%	61%	61%	99%	100%
Nevada Creek Res		3.4	4.1	12.6		27%	33%		82%
Beaver Creek				3.5					
Martinsdale Res		2.7		23.1		12%			
Deadman's Basin Res		24.5	37.8	72.2		34%	52%		65%
Lower Two Medicine Lake				11.9					
Ashley Lake			12.9						
Flathead Lake	1415.8	1537.3	1561.0	1791.0	79%	86%	87%	91%	98%
Thompson Falls Res		14.3	15.0						95%
Ackley Lake		3.0	2.8	7.0		43%	40%		107%
Canyon Ferry Lake	1674.8	1482.9	1572.0	2043.0	82%	73%	77%	107%	94%
Noxon Rapids Reservoir		313.6	320.0	335.0		94%	96%		98%
Bair Res		1.4	2.7	7.0		20%	39%		51%

Basin Index					78%	80%	79%	99%	102%
# of reservoirs					16	37	36	16	37

State of Montana	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Buffalo Bill	452.7	452.1	448.0	646.6	70%	70%	69%	101%	101%
Helena Valley Reservoir	7.7	7.3	6.0	9.2	83%	80%	65%	128%	122%
Tongue River Res		42.7	40.7	79.1		54%	51%		105%
Lake Elwell (Tiber)	736.8	781.4	786.4	1347.0	55%	58%	58%	94%	99%
Mission Valley (8)				100.0					
Lima Reservoir	48.4	17.3	28.6	84.0	58%	21%	34%	169%	60%
Holter Lake		80.9	80.8	81.9		99%	99%		100%
Middle Creek Res		5.4	5.5	10.2		53%	54%		99%
Fort Peck Lake	13943.4	12279.8	14234.0	18910.0	74%	65%	75%	98%	86%
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Clark Canyon Res	128.3	63.2	77.4	255.6	50%	25%	30%	166%	82%
Hungry Horse Lake	2930.1	3048.1	2860.0	3451.0	85%	88%	83%	102%	107%
Lake Helena		10.9	10.9	12.7		86%	86%		100%
Hauser Lake & Lake Helena		74.0		74.6		99%			
Ennis Lake		36.6	35.1	41.0		89%	86%		104%
Lower Willow Creek Reservoir				4.9					
Lake Frances		35.4	50.7	112.0		32%	45%		70%
Newlan Lake Res									
Silver Lake									
Gibson Res	7.2	5.6	15.2	99.1	7%	6%	15%	47%	37%
Lake Sherburne	17.8	10.2	18.5	64.3	28%	16%	29%	96%	55%
Ruby River Reservoir		18.8	13.9	38.8		49%	36%		136%
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Mystic Lake		17.2	15.4	21.0		82%	73%		111%

Willow Creek Res (Harrison)		7.7	8.3							93%
Fresno Res	23.9	42.0	51.7	127.0	19%	33%	41%	46%		81%
Pilot Butte	25.6	24.8	25.6	31.6	81%	78%	81%	100%		97%
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Ashley Lake			12.9							
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Canyon Ferry Lake	1674.8	1482.9	1572.0	2043.0	82%	73%	77%	107%		94%
Bull Lake	71.7	70.7	80.7	151.8	47%	47%	53%	89%		88%
Noxon Rapids Reservoir		313.6	320.0	335.0		94%	96%			98%
Bair Res		1.4	2.7	7.0		20%	39%			51%
Basin Index					76%	72%	77%	99%	94%	
# of reservoirs					22	44	43	22	44	

Yellowstone	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median	
Mystic Lake		17.2	15.4	21.0		82%	73%		111%	
Boysen	638.4	600.9	587.2	596.0	107%	101%	99%	109%	102%	
Pilot Butte	25.6	24.8	25.6	31.6	81%	78%	81%	100%	97%	
Buffalo Bill	452.7	452.1	448.0	646.6	70%	70%	69%	101%	101%	
Bighorn Lake	988.4	918.9	974.1	1356.0	73%	68%	72%	101%	94%	
Tongue River Res		42.7	40.7	79.1		54%	51%		105%	
Bull Lake	71.7	70.7	80.7	151.8	47%	47%	53%	89%	88%	
Cooney Res		17.4	17.0	27.4		64%	62%		102%	
Basin Index					78%	74%	75%	103%	98%	
# of reservoirs					5	8	8	5	8	