

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

Reservoir Storage Summary For the End of September 2023

Basin	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Flathead									
Ashley Lake			13.2						
Camas (4)				45.2					
Hungry Horse Lake	3046.3	3165.5	2975.0	3451.0	88%	92%	86%	102%	106%
Flathead Lake	1455.4	1670.0	1722.0	1791.0	81%	93%	96%	85%	97%
Lower Jocko Lake				6.4					
Mission Valley (8)				100.0					
Basin Index					86%	92%	90%	96%	103%
# of reservoirs					2	2	2	2	2
Bitterroot									
Lake Como	4.1	5.0	3.6	34.9	12%	14%	10%	114%	138%
Painted Rocks Lake		8.5	6.8	31.7		27%	21%		125%
Basin Index					12%	20%	16%	114%	129%
# of reservoirs					1	2	2	1	2
Lower Clark Fork									
Noxon Rapids Reservoir	314.8	318.8	320.9	335.0	94%	95%	96%	98%	99%
Thompson Falls Res		15.5	14.9						104%
Basin Index					94%	95%	96%	98%	100%
# of reservoirs					1	1	1	1	2
Upper Clark Fork									
Georgetown Lake	29.0	26.4	28.0	31.0	94%	85%	90%	104%	94%
Nevada Creek Res		2.9	3.5	12.6		23%	28%		84%
Lower Willow Creek Reservoir				4.9					
Silver Lake									
East Fork Rock Creek Res		5.3	5.7	16.0		33%	36%		93%
Basin Index					94%	58%	62%	104%	93%
# of reservoirs					1	3	3	1	3
Kootenai									
Lake Kootenai	4883.1	5204.6	4998.0	5748.0	85%	91%	87%	98%	104%
Basin Index					85%	91%	87%	98%	104%
# of reservoirs					1	1	1	1	1
Tongue									
Tongue River Res		40.4	39.4	79.1		51%	50%		102%
Basin Index						51%	50%		102%
# of reservoirs					0	1	1	0	1
Bighorn									
Pilot Butte	24.8	15.1	14.6	31.6	78%	48%	46%	170%	103%
Boysen	632.7	603.0	591.4	596.0	106%	101%	99%	107%	102%
Bighorn Lake	969.9	912.8	963.5	1356.0	72%	67%	71%	101%	95%
Buffalo Bill	453.1	471.9	458.0	646.6	70%	73%	71%	99%	103%
Bull Lake	81.4	65.5	78.4	151.8	54%	43%	52%	104%	84%
Basin Index					78%	74%	76%	103%	98%
# of reservoirs					5	5	5	5	5
Upper Yellowstone									
Cooney Res		17.8	16.9	27.4		65%	62%		105%
Mystic Lake		17.9	17.7	21.0		85%	84%		101%
Basin Index						74%	71%		103%
# of reservoirs					0	2	2	0	2
Milk									
Nelson Res	47.3	26.6	40.3	66.8	71%	40%	60%	117%	66%
Beaver Creek				3.5					
Fresno Res	25.1	36.6	47.5	127.0	20%	29%	37%	53%	77%
Basin Index					37%	33%	45%	82%	72%

of reservoirs 2 2 2 2 2

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		20.0	20.0	17.9	32.0	62%	63%	56%	112%	112%
Lake Elwell (Tiber)		754.8	815.3	810.1	1347.0	56%	61%	60%	93%	101%
Lower Two Medicine Lake					11.9					
Four Horns Lake				9.9	19.2			52%		
Nilan Reservoir			2.5	5.5	11.0		23%	50%		46%
Lake Frances			34.8	50.0	112.0		31%	45%		70%
Gibson Res		6.0	5.6	10.9	99.1	6%	6%	11%	55%	51%
Swift Res			5.1	10.8	30.0		17%	36%		47%
Willow Creek Res - Augusta		13.0	8.9	20.6	32.2	40%	28%	64%	63%	43%
Basin Index						53%	54%	56%	92%	96%
# 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			2.6	5.0	10.6		25%	47%		53%
Ackley Lake			2.7	3.3	7.0		38%	47%		81%
Martinsdale Res			1.9		23.1		8%			
Newlan Lake Res										
Deadman's Basin Res			21.1	38.8	72.2		29%	54%		55%
Bair Res			1.2	2.7	7.0		17%	39%		44%
Basin Index							25%	51%		56%
# of reservoirs						0	5	4	0	4

Missouri Mainstem		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Fort Peck Lake		13927.7	12227.9	14630.0	18910.0	74%	65%	77%	95%	84%
Basin Index						74%	65%	77%	95%	84%
# of reservoirs						1	1	1	1	1

Helena Valley		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Helena Valley Reservoir		8.0	7.7	6.8	9.2	87%	84%	74%	117%	114%
Lake Helena			11.0	10.9	12.7		86%	86%		100%
Holter Lake			81.3	80.9	81.9		99%	99%		100%
Hauser Lake & Lake Helena			74.1		74.6		99%			
Canyon Ferry Lake		1654.2	1516.1	1557.0	2043.0	81%	74%	76%	106%	97%
Basin Index						81%	76%	77%	106%	98%
# 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			5.9	5.6	10.2		58%	55%		105%
Basin Index							58%	55%		105%
# 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			329.7	338.5	378.8		87%	89%		97%
Ennis Lake			37.2	36.2	41.0		91%	88%		103%
Basin Index							87%	89%		98%
# 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
Willow Creek Res (Harrison)			6.5	7.5						86%
Ruby River Reservoir			13.9	10.3	38.8		36%	27%		135%
Lima Reservoir		49.5	16.3	27.6	84.0	59%	19%	33%	179%	59%
Clark Canyon Res		111.9	53.1	71.9	255.6	44%	21%	28%	156%	74%
Basin Index						48%	22%	29%	162%	77%
# of reservoirs						2	3	3	2	4

St. Marys		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Sherburne		12.7	8.1	14.7	64.3	20%	13%	23%	86%	55%
Basin Index						20%	13%	23%	86%	55%
# of reservoirs						1	1	1	1	1

Eastern Montana		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
------------------------	--	---------------	-----------------	--------------	----------------	--------------------	----------------------	-------------------	------------------	--------------------

Smith River Res		2.6	5.0	10.6		25%	47%		53%
Nilan Reservoir		2.5	5.5	11.0		23%	50%		46%
Gibson Res	6.0	5.6	10.9	99.1	6%	6%	11%	55%	51%
Beaver Creek				3.5					
Lake Elwell (Tiber)	754.8	815.3	810.1	1347.0	56%	61%	60%	93%	101%
Lake Frances		34.8	50.0	112.0		31%	45%		70%
Nelson Res	47.3	26.6	40.3	66.8	71%	40%	60%	117%	66%
Ackley Lake		2.7	3.3	7.0		38%	47%		81%
Lake Helena		11.0	10.9	12.7		86%	86%		100%
Willow Creek Res - Augusta	13.0	8.9	20.6	32.2	40%	28%	64%	63%	43%
Fort Peck Lake	13927.7	12227.9	14630.0	18910.0	74%	65%	77%	95%	84%
Canyon Ferry Lake	1654.2	1516.1	1557.0	2043.0	81%	74%	76%	106%	97%
Four Horns Lake			9.9	19.2			52%		
Swift Res		5.1	10.8	30.0		17%	36%		47%
Deadman's Basin Res		21.1	38.8	72.2		29%	54%		55%
Holter Lake		81.3	80.9	81.9		99%	99%		100%
Bair Res		1.2	2.7	7.0		17%	39%		44%
Pishkun Res	20.0	20.0	17.9	32.0	62%	63%	56%	112%	112%
Helena Valley Reservoir	8.0	7.7	6.8	9.2	87%	84%	74%	117%	114%
Lower Two Medicine Lake				11.9					
Martinsdale Res		1.9		23.1		8%			
Newlan Lake Res									
Hauser Lake & Lake Helena		74.1		74.6		99%			
Fresno Res	25.1	36.6	47.5	127.0	20%	29%	37%	53%	77%
Basin Index					73%	64%	75%	96%	85%
# of reservoirs					9	20	19	9	18

MTDCO	Current	Last Year	Median	Capacity	Current %	Last Year %	Median %	Current %	Last Year %
	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Median	Median
Smith River Res		2.6	5.0	10.6		25%	47%		53%
Nilan Reservoir		2.5	5.5	11.0		23%	50%		46%
Hungry Horse Lake	3046.3	3165.5	2975.0	3451.0	88%	92%	86%	102%	106%
Middle Creek Res		5.9	5.6	10.2		58%	55%		105%
Clark Canyon Res	111.9	53.1	71.9	255.6	44%	21%	28%	156%	74%
Gibson Res	6.0	5.6	10.9	99.1	6%	6%	11%	55%	51%
Beaver Creek				3.5					
Buffalo Bill	453.1	471.9	458.0	646.6	70%	73%	71%	99%	103%
Silver Lake									
Fresno Res	25.1	36.6	47.5	127.0	20%	29%	37%	53%	77%
Lima Reservoir	49.5	16.3	27.6	84.0	59%	19%	33%	179%	59%
Georgetown Lake	29.0	26.4	28.0	31.0	94%	85%	90%	104%	94%
Lake Elwell (Tiber)	754.8	815.3	810.1	1347.0	56%	61%	60%	93%	101%
Ashley Lake			13.2						
Lake Frances		34.8	50.0	112.0		31%	45%		70%
Nelson Res	47.3	26.6	40.3	66.8	71%	40%	60%	117%	66%
Ennis Lake		37.2	36.2	41.0		91%	88%		103%
Lake Koochanusa	4883.1	5204.6	4998.0	5748.0	85%	91%	87%	98%	104%
Ackley Lake		2.7	3.3	7.0		38%	47%		81%
Nevada Creek Res		2.9	3.5	12.6		23%	28%		84%
Bighorn Lake	969.9	912.8	963.5	1356.0	72%	67%	71%	101%	95%
Lower Jocko Lake				6.4					
Lake Helena		11.0	10.9	12.7		86%	86%		100%
Lower Willow Creek Reservoir				4.9					
Willow Creek Res - Augusta	13.0	8.9	20.6	32.2	40%	28%	64%	63%	43%
Fort Peck Lake	13927.7	12227.9	14630.0	18910.0	74%	65%	77%	95%	84%
Canyon Ferry Lake	1654.2	1516.1	1557.0	2043.0	81%	74%	76%	106%	97%
Pilot Butte	24.8	15.1	14.6	31.6	78%	48%	46%	170%	103%
Boysen	632.7	603.0	591.4	596.0	106%	101%	99%	107%	102%
Four Horns Lake			9.9	19.2			52%		
Mystic Lake		17.9	17.7	21.0		85%	84%		101%
Cooney Res		17.8	16.9	27.4		65%	62%		105%
Lake Sherburne	12.7	8.1	14.7	64.3	20%	13%	23%	86%	55%
Swift Res		5.1	10.8	30.0		17%	36%		47%
Noxon Rapids Reservoir	314.8	318.8	320.9	335.0	94%	95%	96%	98%	99%
Painted Rocks Lake		8.5	6.8	31.7		27%	21%		125%
Deadman's Basin Res		21.1	38.8	72.2		29%	54%		55%
Hebgen Lake		329.7	338.5	378.8		87%	89%		97%
Holter Lake		81.3	80.9	81.9		99%	99%		100%
Bair Res		1.2	2.7	7.0		17%	39%		44%
Bull Lake	81.4	65.5	78.4	151.8	54%	43%	52%	104%	84%
Thompson Falls Res		15.5	14.9						104%
Willow Creek Res (Harrison)		6.5	7.5						86%
Lake Como	4.1	5.0	3.6	34.9	12%	14%	10%	114%	138%
Pishkun Res	20.0	20.0	17.9	32.0	62%	63%	56%	112%	112%
Tongue River Res		40.4	39.4	79.1		51%	50%		102%

Helena Valley Reservoir	8.0	7.7	6.8	9.2	87%	84%	74%	117%	114%
Lower Two Medicine Lake				11.9					
Camas (4)				45.2					
East Fork Rock Creek Res		5.3	5.7	16.0		33%	36%		93%
Martinsdale Res		1.9		23.1		8%			
Flathead Lake	1455.4	1670.0	1722.0	1791.0	81%	93%	96%	85%	97%
Newlan Lake Res									
Mission Valley (8)				100.0					
Hauser Lake & Lake Helena		74.1		74.6		99%			
Ruby River Reservoir		13.9	10.3	38.8		36%	27%		135%

Basin Index					77%	73%	79%	97%	93%
# of reservoirs					23	44	43	23	44

Missouri Headwaters	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Ennis Lake		37.2	36.2	41.0		91%	88%		103%
Clark Canyon Res	111.9	53.1	71.9	255.6	44%	21%	28%	156%	74%
Middle Creek Res		5.9	5.6	10.2		58%	55%		105%
Hebgen Lake		329.7	338.5	378.8		87%	89%		97%
Ruby River Reservoir		13.9	10.3	38.8		36%	27%		135%
Lima Reservoir	49.5	16.3	27.6	84.0	59%	19%	33%	179%	59%
Willow Creek Res (Harrison)		6.5	7.5						86%

Basin Index					48%	56%	61%	162%	93%
# of reservoirs					2	6	6	2	7

Montana	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Smith River Res		2.6	5.0	10.6			25%	47%	53%
Nilan Reservoir		2.5	5.5	11.0			23%	50%	46%
Hungry Horse Lake	3046.3	3165.5	2975.0	3451.0	88%	92%	86%	102%	106%
Middle Creek Res		5.9	5.6	10.2		58%	55%		105%
Clark Canyon Res	111.9	53.1	71.9	255.6	44%	21%	28%	156%	74%
Gibson Res	6.0	5.6	10.9	99.1	6%	6%	11%	55%	51%
Beaver Creek				3.5					
Silver Lake									
Fresno Res	25.1	36.6	47.5	127.0	20%	29%	37%	53%	77%
Lima Reservoir	49.5	16.3	27.6	84.0	59%	19%	33%	179%	59%
Georgetown Lake	29.0	26.4	28.0	31.0	94%	85%	90%	104%	94%
Lake Elwell (Tiber)	754.8	815.3	810.1	1347.0	56%	61%	60%	93%	101%
Ashley Lake			13.2						
Lake Frances		34.8	50.0	112.0		31%	45%		70%
Nelson Res	47.3	26.6	40.3	66.8	71%	40%	60%	117%	66%
Ennis Lake		37.2	36.2	41.0		91%	88%		103%
Ackley Lake		2.7	3.3	7.0		38%	47%		81%
Nevada Creek Res		2.9	3.5	12.6		23%	28%		84%
Lake Helena		11.0	10.9	12.7		86%	86%		100%
Lake Koochanusa	4883.1	5204.6	4998.0	5748.0	85%	91%	87%	98%	104%
Lower Jocko Lake				6.4					
Lower Willow Creek Reservoir				4.9					
Willow Creek Res - Augusta	13.0	8.9	20.6	32.2	40%	28%	64%	63%	43%
Canyon Ferry Lake	1654.2	1516.1	1557.0	2043.0	81%	74%	76%	106%	97%
Four Horns Lake			9.9	19.2			52%		
Mystic Lake		17.9	17.7	21.0		85%	84%		101%
Cooney Res		17.8	16.9	27.4		65%	62%		105%
Lake Sherburne	12.7	8.1	14.7	64.3	20%	13%	23%	86%	55%
Swift Res		5.1	10.8	30.0		17%	36%		47%
Noxon Rapids Reservoir	314.8	318.8	320.9	335.0	94%	95%	96%	98%	99%
Painted Rocks Lake		8.5	6.8	31.7		27%	21%		125%
Deadman's Basin Res		21.1	38.8	72.2		29%	54%		55%
Hebgen Lake		329.7	338.5	378.8		87%	89%		97%
Holter Lake		81.3	80.9	81.9		99%	99%		100%
Bair Res		1.2	2.7	7.0		17%	39%		44%
Thompson Falls Res		15.5	14.9						104%
Willow Creek Res (Harrison)		6.5	7.5						86%
Lake Como	4.1	5.0	3.6	34.9	12%	14%	10%	114%	138%
Pishkun Res	20.0	20.0	17.9	32.0	62%	63%	56%	112%	112%
Helena Valley Reservoir	8.0	7.7	6.8	9.2	87%	84%	74%	117%	114%
Lower Two Medicine Lake				11.9					
Camas (4)				45.2					
East Fork Rock Creek Res		5.3	5.7	16.0		33%	36%		93%
Martinsdale Res		1.9		23.1		8%			
Flathead Lake	1455.4	1670.0	1722.0	1791.0	81%	93%	96%	85%	97%
Newlan Lake Res									
Mission Valley (8)				100.0					
Hauser Lake & Lake Helena		74.1		74.6		99%			

Ruby River Reservoir	13.9	10.3	38.8		36%	27%			135%
----------------------	------	------	------	--	-----	-----	--	--	------

Basin Index					80%	82%	81%	98%	101%
# of reservoirs					17	37	36	17	37

Western Montana

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Como	4.1	5.0	3.6	34.9	12%	14%	10%	114%	138%
Georgetown Lake	29.0	26.4	28.0	31.0	94%	85%	90%	104%	94%
Ashley Lake			13.2						
Nevada Creek Res		2.9	3.5	12.6		23%	28%		84%
Camas (4)				45.2					
Lake Koocanusa	4883.1	5204.6	4998.0	5748.0	85%	91%	87%	98%	104%
Hungry Horse Lake	3046.3	3165.5	2975.0	3451.0	88%	92%	86%	102%	106%
Flathead Lake	1455.4	1670.0	1722.0	1791.0	81%	93%	96%	85%	97%
Lower Jocko Lake				6.4					
Lower Willow Creek Reservoir				4.9					
Noxon Rapids Reservoir	314.8	318.8	320.9	335.0	94%	95%	96%	98%	99%
Silver Lake									
Painted Rocks Lake		8.5	6.8	31.7		27%	21%		125%
Mission Valley (8)				100.0					
East Fork Rock Creek Res		5.3	5.7	16.0		33%	36%		93%
Thompson Falls Res		15.5	14.9						104%

Basin Index					85%	91%	88%	97%	103%
# of reservoirs					6	9	9	6	10

Yellowstone

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Pilot Butte	24.8	15.1	14.6	31.6	78%	48%	46%	170%	103%
Tongue River Res		40.4	39.4	79.1		51%	50%		102%
Boysen	632.7	603.0	591.4	596.0	106%	101%	99%	107%	102%
Bighorn Lake	969.9	912.8	963.5	1356.0	72%	67%	71%	101%	95%
Cooney Res		17.8	16.9	27.4		65%	62%		105%
Mystic Lake		17.9	17.7	21.0		85%	84%		101%
Buffalo Bill	453.1	471.9	458.0	646.6	70%	73%	71%	99%	103%
Bull Lake	81.4	65.5	78.4	151.8	54%	43%	52%	104%	84%

Basin Index					78%	74%	75%	103%	98%
# of reservoirs					5	8	8	5	8