

Basinwide Summary: May 1, 2022
 (Medians based On 1991-2020 reference period)

Snowpack Summary For May 1, 2022

Flathead	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Ashley Divide	SNOLITE	4820	0					
Ashley Divide	SC	4820	0	0.0	0.0		0.0	
Badger Pass	SNOTEL	6900	72	36.6	32.6	112%	32.3	99%
Bassoo Peak	SC	5150	4	1.7	1.8	94%	0.2	11%
Bassoo Peak	SNOLITE	5150	0					
Bisson Creek	SNOTEL	4920	15	4.7	4.0	118%	2.5	63%
Blacktail	SC	5650	26	9.9	7.8	127%	7.2	92%
Blacktail Mtn	SNOTEL	5650	19	8.4	7.2	117%	3.5	49%
Brush Creek Timber	SC	5000	9	4.4	1.0	440%	0.0	0%
Chicken Creek	SC	4060	32	12.4	7.6	163%	7.6	100%
Desert Mountain	SC	5600						
Emery Creek	SNOTEL	4350	23	10.3	6.7	154%	1.7	25%
Fatty Creek	SC	5500	53	20.2	22.5	90%	20.3	90%
Flattop Mtn.	SNOTEL	6300	115	49.0	44.2	111%	48.2	109%
Gardiner Creek Pillow	SC	6463			31.0		22.4	72%
Grave Creek	SNOTEL	4300	29	12.0	7.6	158%	3.3	43%
Griffin Creek Divide	SC	5150	25	8.5	2.4	354%	4.1	171%
Hand Creek	SNOTEL	5035	16	7.4	3.8	195%	0.5	13%
Hell Roaring Divide	SC	5770	77	30.8	28.8	107%	23.3	81%
Herrig Junction	SC	4850	64	23.9	22.3	107%	17.9	80%
Holbrook	SC	4530	0	0.0	0.0		0.0	
Kishenehn	SC	3890						
Kraft Creek	SNOTEL	4750	6	2.8	2.3	122%	0.5	22%
Logan Creek	SC	4300	0	0.0	0.4	0%	0.0	0%
Marias Pass	SC	5250	36	15.7	11.1	141%	9.0	81%
Mineral Creek	SC	4000	23	10.7	2.7	396%	0.0	0%
Moss Peak	SNOTEL	6780	107	43.1	41.7	103%	34.2	82%
Noisy Basin	SNOTEL	6040	104	42.8	43.5	98%	39.7	91%
North Fork Jocko	SNOTEL	6330	93	47.3	40.4	117%	34.1	84%
North Fork Jocko	SC	6330			38.2			
Pike Creek	SNOTEL	5930	5	2.5			0.0	
Revais	SC	4800	0	0.0	0.0		0.0	
Sleeping Woman	SNOTEL	6150	42	16.2	12.8	127%	11.3	88%
Spotted Bear Mountain	SC	5900			6.0		7.2	120%
Stahl Peak	SNOTEL	6030	107	48.0	37.6	128%	27.6	73%
Stryker Basin	SC	6180	92	34.9	32.3	108%	27.5	85%
Stuart Mountain	SNOTEL	7400	78	31.0	34.0	91%	31.2	92%
Trinkus Lake	SC	6100	84	33.5	41.6	81%	36.5	88%
Truman Creek	SC	4060	0	0.0	0.0		0.0	
Upper Holland Lake	SC	6200	71	28.0	31.6	89%	29.9	95%
Weasel Divide	SC	5450	83	33.0	31.0	106%	27.0	87%
Basin Index						111%	85%	
# of sites						33	33	

Bitterroot	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Daly Creek	SNOTEL	5780	10	4.3	3.8	113%	0.0	0%
East Fork R.S.	SC	5400			0.0			
Lolo Pass	SNOTEL	5240	55	26.2	20.2	130%	15.4	76%
Moose Creek	SNOTEL	6200	30	10.7	9.8	109%	3.5	36%
Nez Perce Camp	SNOTEL	5650	32	12.4	9.6	129%	11.2	117%
Nez Perce Pass	SC	6570			12.4			

North Fork Jocko	SNOTEL	6330	93	47.3	40.4	117%	34.1	84%
Ophir Park	SC	7150	27	10.4	12.9	81%	12.0	93%
Peterson Meadows	SNOTEL	7200	33	10.5	11.4	92%	8.1	71%
Pipestone Pass	SC	7200	13	3.8	3.9	97%	4.3	110%
Skalkaho Summit	SNOTEL	7250	54	21.6	21.4	101%	17.3	81%
Slide Rock Mountain	SC	7100	41	13.0	13.8	94%	14.5	105%
Stemple Pass	SC	6600	24	7.2	8.0	90%	9.6	120%
Storm Lake	SC	7780	40	14.3	15.0	95%	14.9	99%
Stuart Mountain	SNOTEL	7400	78	31.0	34.0	91%	31.2	92%
Ten Mile Lower	SC	6600	24	7.1	3.2	222%	7.8	244%
Ten Mile Middle	SC	6800	36	10.5	9.4	112%	12.2	130%
Upper Holland Lake	SC	6200	71	28.0	31.6	89%	29.9	95%
Warm Springs	SNOTEL	7800	72	24.0	23.1	104%	25.2	109%

Basin Index **98%**
86%
of sites 33 33

Kootenai	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Allison Pass	SC	6496			18.1		17.9	99%
Banfield Mountain	SNOTEL	5600	46	17.4	14.0	124%	9.5	68%
Baree Creek	SC	5500	82	35.3	36.2	98%	30.6	85%
Baree Midway	SC	4600	62	25.8	26.6	97%	24.6	92%
Baree Trail	SC	3800	4	2.0	0.4	500%	0.0	0%
Bear Mountain	SNOTEL	5400	109	49.6	55.3	90%	41.3	75%
Bristow Creek	SC	3900						
Brush Creek Timber	SC	5000	9	4.4	1.0	440%	0.0	0%
Floe Lake	MSNT	6923			33.0		33.9	103%
Garver Creek	SNOTEL	4250	25	11.2	3.8	295%	5.1	134%
Grave Creek	SNOTEL	4300	29	12.0	7.6	158%	3.3	43%
Gray Creek Lower	SC	5085	50	19.0	17.0	112%	14.8	87%
Gray Creek Upper	SC	6365	81	32.3	28.9	112%	29.2	101%
Griffin Creek Divide	SC	5150	25	8.5	2.4	354%	4.1	171%
Hand Creek	SNOTEL	5035	16	7.4	3.8	195%	0.5	13%
Hawkins Lake	SNOTEL	6450	68	25.4	27.0	94%	20.6	76%
Larch Valley	SC	7316			20.0		22.9	115%
Lost Creek South Pillow	SC	7087			22.3		23.5	105%
Morrissey Ridge	MSNT	6102		23.3	25.8	90%	16.3	63%
Mount Assiniboine	SC	7316	75	30.0	23.8	126%	25.0	105%
Mount Joffre	SC	5741			13.5			
Moyie Mountain	MSNT	6037	28	14.1	15.1	93%	8.5	56%
Poorman Creek	SNOTEL	5100	82	37.2	32.3	115%	27.0	84%
Red Mountain	SC	6000	50	18.6	14.9	125%	13.5	91%
Stahl Peak	SNOTEL	6030	107	48.0	37.6	128%	27.6	73%
Sullivan Mine	SC	5085	31	10.5	7.8	135%	9.9	127%
Sunshine Village Pillow	SC	7316			25.4		27.0	106%
Three Isle Lake Pillow	SC	7087			26.3		26.8	102%
Thunder Creek	SC	6594	44	14.3	11.7	122%	12.3	105%
Weasel Divide	SC	5450	83	33.0	31.0	106%	27.0	87%

Basin Index **113%**
83%
of sites 22 22

Powder	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bear Trap Meadow	SNOTEL	8200	16	4.6	2.2	209%	6.5	295%
Cloud Peak Reservoir	SNOTEL	9860	52	16.6	16.0	104%	18.1	113%
Grave Springs	SNOTEL	8550	30	9.5	8.7	109%	7.5	86%
Hansen Sawmill	SNOTEL	8360	16	5.6	4.2	133%	9.6	229%

Sylvan Road	SNOTEL	7120	0	0.0	5.0	0%	0.0	0%
T-Cross Ranch	SC	7900	7	2.5	1.2	208%	1.6	133%
Timber Creek	SNOTEL	7950	9	3.6	3.2	113%	3.8	119%
Togwotee Pass	SNOTEL	9580	71	22.8	25.4	90%	22.5	89%
Togwotee Pass	SC	9580	76	25.9	27.5	94%	24.4	89%
Townsend Creek	SNOTEL	8700	24	9.0	9.0	100%	10.0	111%
Tyrell R.S.	SC	8350	20	6.2	6.0	103%	7.4	123%
Younts Peak	SNOTEL	8350	32	14.8	14.1	105%	9.6	68%

Basin Index						100%		97%
# of sites						36		36

Upper Yellowstone	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartooth Lake	SNOTEL	9360	65	19.5	24.0	81%	21.8	91%
Bots Sots	SC	7750	11	3.3	4.3	77%	2.0	47%
Box Canyon	SNOTEL	6670	11	4.1	3.0	137%	0.3	10%
Brackett Creek	SNOTEL	7320	41	16.8	21.7	77%	19.8	91%
Burnt Mtn	SNOTEL	5880	10	3.8	0.4	950%	2.2	550%
Camp Senia	SC	7890	44	12.7	10.6	120%	10.4	98%
Canyon	SNOTEL	7870	34	10.6			10.4	
Cole Creek	SNOTEL	7850	63	19.3	16.4	118%	18.2	111%
Colley Creek	SC	6300	0	0.0	1.4	0%	0.0	0%
Crevice Mountain	SC	8400						
Eagle Creek	SC	7000						
East Boulder Mine	SNOTEL	6335	16	6.0	0.8	750%	0.0	0%
Evening Star	SNOTEL	9200	74	28.2	27.5	103%	24.0	87%
Fisher Creek	SNOTEL	9100	92	31.8	35.4	90%	30.3	86%
Forest Lake	SC	6400						
Lake Camp	SC	7780			8.0			
Lupine Creek	SC	7380	6	1.8	1.0	180%	0.0	0%
Mill Creek	SC	7500	38	12.4	9.9	125%	12.8	129%
Monument Peak	SNOTEL	8850	62	19.4	22.2	87%	21.0	95%
Norris Basin	SC	7550	15	6.4	5.0	128%	1.4	28%
Northeast Entrance	SNOTEL	7350	11	3.9	3.2	122%	0.0	0%
Parker Peak	SNOTEL	9400	68	22.9	23.8	96%	21.6	91%
Placer Basin	SNOTEL	8830	60	19.2	18.8	102%	19.5	104%
Porcupine	SNOTEL	6500	6	2.7	0.9	300%	0.0	0%
Rock Creek Meadow	SC	8160	65	19.9	20.8	96%		
S Fork Shields	SNOTEL	8100	25	8.5	18.8	45%	13.1	70%
Sacajawea	SNOTEL	6550	12	5.9	10.1	58%	7.0	69%
Shower Falls	SNOTEL	8100	76	23.4	24.7	95%	24.8	100%
Sylvan Lake	SNOTEL	8420	44	16.6	20.2	82%	10.3	51%
Thumb Divide	SC	7980	38	13.5				
Thumb Divide	SNOTEL	7980	38	15.5	13.2	117%	3.5	27%
Timberline Creek	SC	8850	46	13.6	12.2	111%	12.6	103%
Two Ocean Plateau	SNOTEL	9240	83	32.1	33.0	97%	25.5	77%
White Mill	SNOTEL	8700	67	22.5	26.1	86%	24.5	94%
Wolverine	SNOTEL	7650	19	9.4	4.5	209%	1.8	40%

Basin Index						97%		84%
# of sites						28		28

Milk	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boxelder Creek	SC	5100	0	0.0	1.0	0%	0.0	0%
Rocky Boy	SNOTEL	4700	0	0.0	0.0		0.0	
Rocky Boy	SC	4700	0	0.0	0.0		0.0	
Taylor Road	SC	4080	0	0.0	0.0		0.0	

Basin Index							0%	0%	
# of sites							4	4	
Sun-Teton-Marias									
	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median	
Badger Pass	SNOTEL	6900	72	36.6	32.6	112%	32.3	99%	
Cabin Creek	SC	5200	0	0.0	0.0		0.0		
Dupuyer Creek	SNOTEL	5750	23	8.1	7.1	114%	6.0	85%	
Freight Creek	SC	6000	26	10.2	9.4	109%	10.0	106%	
Marias Pass	SC	5250	36	15.7	11.1	141%	9.0	81%	
Mount Lockhart	SNOTEL	6400	50	21.0	17.4	121%	17.0	98%	
Pike Creek	SNOTEL	5930	5	2.5			0.0		
Waldron	SNOTEL	5600	26	10.2	6.9	148%	7.9	114%	
Wood Creek	SNOTEL	5960	22	9.0	7.2	125%	5.9	82%	
Wrong Creek	SC	5700	19	6.0	5.3	113%	5.8	109%	
Wrong Ridge	SC	6800			13.0				
Basin Index							120%	97%	
# of sites							9	9	
Smith-Judith-Musselshell									
	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median	
Big Snowy	SC	7150	53	15.4	20.4	75%			
Boulder Mountain	SNOTEL	7950	57	18.0	21.7	83%	17.6	81%	
Crystal Lake	SNOTEL	6050	43	15.0	12.4	121%	11.3	91%	
Daisy Peak	SNOTEL	7600	38	10.8	10.1	107%	9.3	92%	
Deadman Creek	SNOTEL	6450	18	7.4	6.7	110%	4.4	66%	
Eagle Creek	SC	7000							
Elk Peak	SC	8000	42	12.2	15.0	81%	14.6	97%	
Elk Peak	SNOTEL	7600	55	22.0			16.9		
Elk Peak SC	SNOLITE	8000	39						
Forest Lake	SC	6400							
Grasshopper	SC	7000	11	3.8	3.5	109%			
Haymaker	SC	8050							
Highwood Divide	SC	5650							
Highwood Station	SC	4600							
Johnson Park	SC	6450	0	0.0	0.0		0.0		
Kings Hill	SC	7500							
Onion Park	SNOTEL	7410	43	14.4	14.1	102%	11.2	79%	
Pickfoot Creek	SNOTEL	6650	4	2.1			3.6		
Spur Park	SNOTEL	8100	67	22.3	23.0	97%	23.5	102%	
Stringer Creek	SNOTEL	6550	25	7.4	9.3	80%	7.6	82%	
Basin Index							96%	89%	
# of sites							9	9	
Helena Valley									
	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median	
Boulder Mountain	SNOTEL	7950	57	18.0	21.7	83%	17.6	81%	
Chessman Reservoir	SC	6200	8	2.6	0.4	650%	1.3	325%	
Frohner Meadow	SNOTEL	6480	13	6.1	6.4	95%	1.7	27%	
Nevada Ridge	SNOTEL	7020	36	12.8	13.8	93%	14.1	102%	
Stemple Pass	SC	6600	24	7.2	8.0	90%	9.6	120%	
Ten Mile Lower	SC	6600	24	7.1	3.2	222%	7.8	244%	
Ten Mile Middle	SC	6800	36	10.5	9.4	112%	12.2	130%	
Tizer Basin	SNOTEL	6880	17	5.4	7.6	71%	0.0	0%	
Basin Index							99%	91%	
# of sites							8	8	

Gallatin	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Arch Falls	SC	7350	32	9.2	10.9	84%	12.4	114%
Beaver Creek	SNOTEL	7850	49	14.1	18.3	77%	13.9	76%
Brackett Creek	SNOTEL	7320	41	16.8	21.7	77%	19.8	91%
Carrot Basin	SNOTEL	9000	82	26.1	28.8	91%	24.7	86%
Lick Creek	SNOTEL	6860	38	11.8	9.4	126%	10.4	111%
Little Park	SC	7400	40	13.3	14.2	94%	12.8	90%
Lone Mountain	SNOTEL	8880	58	21.0	20.0	105%	17.7	89%
New World	SC	6900	36	12.8	10.8	119%	8.9	82%
Rock Creek Meadow	SC	8160	65	19.9	20.8	96%		
Sacajawea	SNOTEL	6550	12	5.9	10.1	58%	7.0	69%
Shower Falls	SNOTEL	8100	76	23.4	24.7	95%	24.8	100%
Twenty-One Mile	SC	7150	30	10.4	11.4	91%		
Basin Index						91%		90%
# of sites						10		10

Madison	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Albro Lake	SNOTEL	8300	61	21.8	18.6	117%	15.3	82%
Beaver Creek	SNOTEL	7850	49	14.1	18.3	77%	13.9	76%
Black Bear	SNOTEL	8170	78	30.5	40.1	76%	28.6	71%
Canyon	SNOTEL	7870	34	10.6			10.4	
Carrot Basin	SNOTEL	9000	82	26.1	28.8	91%	24.7	86%
Clover Meadow	SNOTEL	8600	58	15.7	17.6	89%	13.3	76%
Four Mile	SC	6900	13	4.5	5.0	90%	5.4	108%
Hebgen Dam	SC	6550	5	1.0	2.6	38%	0.0	0%
Lone Mountain	SNOTEL	8880	58	21.0	20.0	105%	17.7	89%
Lower Twin	SNOTEL	7900	53	16.5	18.4	90%	15.3	83%
Madison Plateau	SNOTEL	7750	52	19.4	23.2	84%	16.2	70%
Norris Basin	SC	7550	15	6.4	5.0	128%	1.4	28%
Old Faithful	SC	7400			9.5		6.0	63%
Potomageton Park	SC	7150	18	3.7	7.7	48%	5.5	71%
Tepee Creek	SNOTEL	8000	32	11.4	12.0	95%	9.1	76%
Twenty-One Mile	SC	7150	30	10.4	11.4	91%		
West Yellowstone	SNOTEL	6700	4	3.0	0.6	500%	0.0	0%
West Yellowstone	SC	6700			2.5			
Whiskey Creek	SNOTEL	6800	35	12.6	13.8	91%	10.6	77%
Basin Index						90%		76%
# of sites						15		15

Jefferson	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Albro Lake	SNOTEL	8300	61	21.8	18.6	117%	15.3	82%
Barker Lakes	SNOTEL	8250	52	15.9	16.1	99%	14.0	87%
Basin Creek	SC	7180	27	7.0	9.4	74%	3.4	36%
Basin Creek	SNOTEL	7180	36	10.5	9.0	117%	5.1	57%
Beagle Springs	SNOTEL	8850	31	10.1	9.4	107%	6.1	65%
Black Mountain	SC	7750	52	16.2	16.0	101%	13.7	86%
Bloody Dick	SNOTEL	7600	40	11.9	10.0	119%	8.0	80%
Branham Lakes	SC	8850	62	21.8	29.6	74%	24.2	82%
Bull Mountain	SC	6600	9	2.6	0.0		0.0	
Calvert Creek	SNOTEL	6430	0	0.0	0.4	0%	0.0	0%
Clover Meadow	SNOTEL	8600	58	15.7	17.6	89%	13.3	76%
Copper Mountain	SC	7700	26	8.7	10.4	84%	9.8	94%
Darkhorse Lake	SNOTEL	8945	88	30.5	31.2	98%	29.1	93%
Divide	SNOTEL	7800	33	9.5	10.9	87%	7.0	64%

Elk Horn Springs	SC	7800	19	6.0	7.8	77%	7.3	94%
Fish Creek	SC	8000	37	9.7	11.8	82%	6.9	58%
Fleecer Ridge	SC	7500	24	7.9	8.6	92%	7.6	88%
Foolhen	SC	8280	44	14.4	16.0	90%	12.9	81%
Frohner Meadow	SNOTEL	6480	13	6.1	6.4	95%	1.7	27%
JL Meadow	SNOTEL	8800	51	14.7			10.0	
Jahnke Lake Trail	SC	7200						
Jahnke Lake Trail	SNOLITE	7200	31					
Jakes Canyon	SC	9023						
Lakeview Canyon	SC	6930	21	7.0	7.8	90%	4.5	58%
Lakeview Ridge	SNOTEL	7400	1	0.2	6.3	3%	0.3	5%
Lemhi Ridge	SNOTEL	8100	31	9.1	10.4	88%	5.4	52%
Lower Twin	SNOTEL	7900	53	16.5	18.4	90%	15.3	83%
Middle Mill Creek	SC	7850	26	9.3	14.4	65%	10.0	69%
Moose Creek	SNOTEL	6200	30	10.7	9.8	109%	3.5	36%
Moulton Reservoir	SC	6850	10	3.0	2.0	150%	0.0	0%
Mudd Lake	SC	7650						
Mule Creek	SNOTEL	8300	54	16.2	16.6	98%	14.9	90%
Nez Perce Creek	SC	6600	12	4.4	2.0	220%	2.7	135%
Pipestone Pass	SC	7200	13	3.8	3.9	97%	4.3	110%
Rocker Peak	SNOTEL	8000	50	15.3	15.0	102%	15.5	103%
Saddle Mtn.	SNOTEL	7940	72	26.3	23.6	111%	21.4	91%
Short Creek	SNOTEL	7000	8	3.0	3.1	97%	0.0	0%
Slag-A-Melt Lake	SC	8750			29.4		22.5	77%
Slagamelt Lakes	SNOTEL	8620	80	34.3			28.4	
Smuggler Mine	SC	6960	13	4.6	7.3	63%	6.8	93%
Storm Lake	SC	7780	40	14.3	15.0	95%	14.9	99%
White Elephant	SNOTEL	7710	50	20.8	25.2	83%	14.8	59%

Basin Index **93%** **76%**
of sites 35 35

St. Marys	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Flattop Mtn.	SNOTEL	6300	115	49.0	44.2	111%	48.2	109%
Iceberg Lake No 3	SC	5600	71	30.0	24.8	121%	28.0	113%
Josephine Lower No 9	SC	4900	41	16.8	9.0	187%	14.8	164%
Lee Creek Site Q	SC	4921					0.0	
Many Glacier	SNOTEL	4900	17	7.9	1.5	527%	0.6	40%
Mineral Creek	SC	4000	23	10.7	2.7	396%	0.0	0%
Mount Allen No 7	SC	5700	104	42.3	35.5	119%	49.1	138%
Piegan Pass No 6	SC	5500	89	37.7	30.6	123%	39.8	130%
Ptarmigan No 8	SC	5800	86	36.2	29.7	122%	29.8	100%

Basin Index **130%** **118%**
of sites 8 8