

Basinwide Summary: July 1, 2021
 (Averages/Medians based on 1981-2010 reference period)

Monthly Total Precipitation for June 2021						Water Year to Date Precipitation through June 2021					
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KOOTENAI RIVER BASIN	Network	Elevation (ft)	Current		% Average	Last Year		Current		% Average	Last Year	
			(in)	Average (in)		(in)	% Avg	(in)	Average (in)		(in)	% Avg
Banfield Mountain	SNOTEL	5600	1.4	2.9	48%	1.7	59%	28.4	32.8	87%	26.6	81%
Bear Mountain	SNOTEL	5400	0.9	4.4	20%	2.9	66%	59.3	79.8	74%	74.8	94%
Eureka Ranger Stn	COOP	2530	0.65	2.45	27%	3.47	142%	7.3	11.22	65%	11.42	102%
Fernie	COOP	3290				3.56					35.78	
Garver Creek	SNOTEL	4250	0.9	2.2	41%	1.2	55%	21.2	23.5	90%	22.9	97%
Grave Creek	SNOTEL	4300	1.6	4.3	37%	3.9	91%	34.1	41.8	82%	38.8	93%
Hand Creek	SNOTEL	5035	1.9	3.2	59%	2.2	69%	25.1	24.5	102%	16.7	68%
Hawkins Lake	SNOTEL	6450	2.4	3.9	62%	2.9	74%	40.3	40.1	100%	41.4	103%
Libby 32 SSE	COOP	3600		2.05		2.84	139%		19.3		19.54	101%
Poorman Creek	SNOTEL	5100	1.7	4.6	37%	3	65%	58.5	67	87%	61.2	91%
Stahl Peak	SNOTEL	6030	1.7	6.3	27%	5.7	90%	50.8	53.5	95%	52.2	98%
Basin Index					38%		79%			87%		92%
# of sites					9		9			9		9

FLATHEAD RIVER BASIN	Network	Elevation (ft)	Current		% Average	Last Year		Current		% Average	Last Year	
			(in)	Average (in)		(in)	% Avg	(in)	Average (in)		(in)	% Avg
Badger Pass	SNOTEL	6900	1.3	4.6	28%	7.1	154%	40.9	45.9	89%	44.4	97%
Bigfork 13 S	COOP	2910		3.18					17.18			
Bisson Creek	SNOTEL	4920	1.7	3.9	44%	5.3	136%	22.1	26.9	82%	28	104%
Blacktail Mtn	SNOTEL	5650	2.1			3.9		20			20.1	
Emery Creek	SNOTEL	4350	2.5	4.1	61%	5.8	141%	32.1	33.6	96%	38.3	114%
Flattop Mtn.	SNOTEL	6300	2.4	5.7	42%	7	123%	59.2	61.7	96%	67.4	109%
Grave Creek	SNOTEL	4300	1.6	4.3	37%	3.9	91%	34.1	41.8	82%	38.8	93%
Hand Creek	SNOTEL	5035	1.9	3.2	59%	2.2	69%	25.1	24.5	102%	16.7	68%
Hungry Horse Dam	COOP	3160		3.54		6.13	173%		27.21		31.61	116%
Kalispell WSO Airport	COOP	2970	1.98	2.56	77%	4.4	172%	13.13	13.17	100%	14.23	108%
Kraft Creek	SNOTEL	4750	1.1	2.9	38%	3.2	110%	37.7	33.8	112%	37.7	112%
Moss Peak	SNOTEL	6780	2	5.4	37%	8.2	152%	47.2	52	91%	59	113%
Noisy Basin	SNOTEL	6040	3.5	6.3	56%	7.3	116%	52	60.4	86%	61.8	102%
North Fork Jocko	SNOTEL	6330	1.1	4.2	26%	5.2	124%	59.1	59.9	99%	68.6	115%
Pike Creek	SNOTEL	5930	1.3	4	32%	6.3	158%	38.9	41	95%	42.4	103%
Polson Kerr Dam	COOP	2730	1.93	2.4	80%	3.07	128%	11.24	11.89	95%	12.07	102%
Sleeping Woman	SNOTEL	6150	2.4	3.2	75%	4.8	150%	31	29.2	106%	34.5	118%
Stahl Peak	SNOTEL	6030	1.7	6.3	27%	5.7	90%	50.8	53.5	95%	52.2	98%
Stuart Mountain	SNOTEL	7400	1.1	4	28%	5.7	143%	35.2	42.2	83%	46	109%
West Glacier	COOP	3150	2.45	3.47	71%	4.28	123%	22.85	24.1	95%	24.52	102%
Basin Index					45%		127%			93%		105%
# of sites					17		17			17		17

UPPER CLARK FORK RIVER BASIN	Network	Elevation (ft)	Current		% Average	Last Year		Current		% Average	Last Year	
			(in)	Average (in)		(in)	% Avg	(in)	Average (in)		(in)	% Avg
Barker Lakes	SNOTEL	8250	1.9	3.9	49%	9.5	244%	19.9	28.4	70%	28.7	101%
Basin Creek	SNOTEL	7180	0.6	3.3	18%	5.3	161%	11.1	19.6	57%	18.2	93%
Black Mountain	COOP	5640		1.68		0.58	35%		11.24		9.12	81%
Black Pine	SNOTEL	7210	0.5	2.8	18%	4.4	157%	20	21.5	93%	23.2	108%
Butte FAA Arpt	COOP	5540	0.36	2.26	16%	4.41	195%	4.61	9.06	51%	8.16	90%
Combination	SNOTEL	5600	0.8	2.7	30%	3.6	133%	14.8	16.1	92%	14.6	91%
Copper Bottom	SNOTEL	5200	0.5	2	25%	3.2	160%	24.1	21.2	114%	20.8	98%
Copper Camp	SNOTEL	6950	1.3	3.5	37%	5.5	157%	35.7	41.3	86%	36	87%
Cottonwood Creek	SNOTEL	7670	0.2	2.6	8%	5.4	208%	28.3	34	83%	40.6	119%
Deer Lodge 3 W	COOP	4850		2.05		6.36	310%		6.66		12.44	187%
Lubrecht Flume	SNOTEL	4680	0.1	2.3	4%	6.9	300%	15.2	16.2	94%	20.7	128%
N Fk Elk Creek	SNOTEL	6250	0.4	3	13%	6.2	207%	20.6	22.1	93%	23.8	108%
Nevada Ridge	SNOTEL	7020	0.5	3.2	16%	5.1	159%	22.9	24.2	95%	25.3	105%
North Fork Jocko	SNOTEL	6330	1.1	4.2	26%	5.2	124%	59.1	59.9	99%	68.6	115%
Peterson Meadows	SNOTEL	7200	1.1	3.7	30%	5.9	159%	17	21.9	78%	24.2	111%
Philipsburg Ranger Stn	COOP	5270		2.36					10.84			
Seeley Lake Ranger Stn	COOP	4100		2.43					16.45			
Skalkaho Summit	SNOTEL	7250	0.6	3.3	18%	7	212%	30.7	31.8	97%	33.1	104%
Stuart Mountain	SNOTEL	7400	1.1	4	28%	5.7	143%	35.2	42.2	83%	46	109%
Warm Springs	SNOTEL	7800	3.3	4.5	73%	7.9	176%	28.7	34.6	83%	36.7	106%
Basin Index					28%		178%			87%		106%
# of sites					16		16			16		16

BITTERROOT RIVER BASIN	Network	Elevation (ft)	Current		% Average	Last Year		Current		% Average	Last Year	
			(in)	Average (in)		(in)	% Avg	(in)	Average (in)		(in)	% Avg
Daly Creek	SNOTEL	5780	0.9	2.6	35%	5.9	227%	20	20.6	97%	23.9	116%
Darby	COOP	3880		2.07					11.92			
Hamilton	COOP	3530		1.58					10.09			
Lolo Pass	SNOTEL	5240	1.6	2.9	55%	5.5	190%	38.5	42.4	91%	42.4	100%
Moose Creek	SNOTEL	6200	0.4	2.3	17%	6.4	278%	25.7	27	95%	29.5	109%
Nez Perce Camp	SNOTEL	5650	0.8	2.6	31%	2.8	108%	27.8	27.6	101%	30.4	110%
Saddle Mtn.	SNOTEL	7940	0.5	2.5	20%	7.9	316%	25.2	32.1	79%	33.1	103%
Skalkaho Summit	SNOTEL	7250	0.6	3.3	18%	7	212%	30.7	31.8	97%	33.1	104%
Stevensville	COOP	3380	0.59	1.54	38%	2.41	156%	8.88	9.39	95%	8.63	92%
Twelvemile Creek	SNOTEL	5600	1.1	3.4	32%	6.4	188%	43.1	40.8	106%	43.8	107%
Twin Lakes	SNOTEL	6400	1.3	4.2	31%	7.2	171%	53.3	57.8	92%	56.2	97%
Basin Index					31%		203%			94%		104%

of sites

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LOWER CLARK FORK RIVER BASIN												
Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
Bear Mountain	SNOTEL	5400	0.9	4.4	20%	2.9	66%	59.3	79.8	74%	74.8	94%
Heron 2 NW	COOP	2240	0.96	2.82	34%			24.85	29.56	84%		
Hoodoo Basin	SNOTEL	6050	3.3	3.6	92%	5.7	158%	45.7	58	79%	52.1	90%
Humboldt Gulch	SNOTEL	4250	1	3.5	29%	3	86%	40	46.6	86%	42.3	91%
Lookout	SNOTEL	5190	1	2.6	38%	2.6	100%	38.4	47.8	80%	40.8	85%
Missoula WSO AP	COOP	3200	1.21	2.07	58%	2.53	122%	10.43	10.78	97%	11.14	103%
Mosquito Ridge	SNOTEL	5260	1.2	2.7	44%	2.9	107%	39.6	53	75%	52.4	99%
Poorman Creek	SNOTEL	5100	1.7	4.6	37%	3	65%	58.5	67	87%	61.2	91%
Sleeping Woman	SNOTEL	6150	2.4	3.2	75%	4.8	150%	31	29.2	106%	34.5	118%
Stuart Mountain	SNOTEL	7400	1.1	4	28%	5.7	143%	35.2	42.2	83%	46	109%
Sunset	SNOTEL	5540	0.3	3.6	8%	3.7	103%	30.9	47.7	65%	38.1	80%
Thompson Falls Power Ho	COOP	2380		2.29		2.26	99%		18.97		15.58	82%
Trout Creek Ranger Stn	COOP	2360		2.36					24.23			
Basin Index					41%		107%			81%		94%
# of sites					10		10			10		10

JEFFERSON RIVER BASIN												
Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
Albro Lake	SNOTEL	8300	0.1	4.6	2%	5.8	126%	23.8	33.4	71%	28.8	86%
Barker Lakes	SNOTEL	8250	1.9	3.9	49%	9.5	244%	19.9	28.4	70%	28.7	101%
Basin Creek	SNOTEL	7180	0.6	3.3	18%	5.3	161%	11.1	19.6	57%	18.2	93%
Beagle Springs	SNOTEL	8850		3		2.2	73%		19		14.9	78%
Bloody Dick	SNOTEL	7600	-0.5	2.3	-22%	4.2	183%	16.3	21.8	75%	22.8	105%
Boulder	COOP	4900		2.16					7.4			
Calvert Creek	SNOTEL	6430		1.7		4	235%		15.5		18.3	118%
Clover Meadow	SNOTEL	8600	0.1	3.2	3%	4.4	138%	21	27.6	76%	25.9	94%
Darkhorse Lake	SNOTEL	8945	2.9	3.9	74%	9.4	241%	33.5	39.3	85%	45.3	115%
Dillon Wmce	COOP	5230		1.93					8.48			
Divide	SNOTEL	7800	-0.2	3.2	-6%	6	188%	13.5	19.8	68%	22.7	115%
Frohner Meadow	SNOTEL	6480	0	3.1	0%	5.1	165%	17.4	18.4	95%	19.5	106%
Grant 4 ESE	COOP	5820	0.06	1.78	3%			3.27	7.6	43%		
JL Meadow	SNOTEL	8800	0.6			3.4		17.1			22.7	
Lakeview	COOP	6710		2.4					13.96			
Lakeview Ridge	SNOTEL	7400	0.1	2.9	3%	4.2	145%	14.5	23.1	63%	22.8	99%
Lemhi Ridge	SNOTEL	8100	0.6	2.8	21%	3.9	139%	16.7	21.5	78%	23	107%
Lima	COOP	6270		2.08					7.97			
Lower Twin	SNOTEL	7900	0.4	4.3	9%	6.6	153%	27.5	33.7	82%	30.8	91%
Moose Creek	SNOTEL	6200	0.4	2.3	17%	6.4	278%	25.7	27	95%	29.5	109%
Mule Creek	SNOTEL	8300	0.6	3.2	19%	5.7	178%	22.4	25.5	88%	24.6	96%
Rocker Peak	SNOTEL	8000	2.3	3.7	62%	7.1	192%	20.5	24.1	85%	24.5	102%
Saddle Mtn.	SNOTEL	7940	0.5	2.5	20%	7.9	316%	25.2	32.1	79%	33.1	103%
Short Creek	SNOTEL	7000	0.1	2.5	4%	3.4	136%	10.4	13.5	77%	15	111%
Slagamelt Lakes	SNOTEL	8620	0.1					34.7				
Twin Bridges	COOP	4620		2.02		3.03	150%		6.95		5.43	78%
White Elephant	SNOTEL	7710	0.2	3.5	6%	6.7	191%	27.1	40.6	67%	36.1	89%
Wisdom	COOP	6060		2.07					9.01			
Wise River 3 WNW	COOP	5740		1.84		5.49	298%		8.26		13.53	164%
Basin Index					18%		184%			77%		100%
# of sites					17		17			17		17

MADISON RIVER BASIN												
Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
Albro Lake	SNOTEL	8300	0.1	4.6	2%	5.8	126%	23.8	33.4	71%	28.8	86%
Beaver Creek	SNOTEL	7850	-0.2	3	-7%	4.8	160%	24	28.2	85%	30.5	108%
Black Bear	SNOTEL	8170	0.6	3.2	19%	5.4	169%	38.4	49.6	77%	45.1	91%
Canyon	SNOTEL	7870	0.3	2.5	12%	2.2	88%	17.6	23.5	75%	21.8	93%
Carrot Basin	SNOTEL	9000	0.2	3.4	6%	4.7	138%	33.5	37.5	89%	38	101%
Clover Meadow	SNOTEL	8600	0.1	3.2	3%	4.4	138%	21	27.6	76%	25.9	94%
Ennis	COOP	4950	0.12	2.39	5%	2.81	118%	7.27	9.91	73%	7.38	74%
Hebgen Dam	COOP	6490		3.09		5.22	169%		23.09		23.69	103%
Lone Mountain	SNOTEL	8880	0	3.9	0%	3.8	97%	23.2	27.9	83%	28.6	103%
Lower Twin	SNOTEL	7900	0.4	4.3	9%	6.6	153%	27.5	33.7	82%	30.8	91%
Madison Plateau	SNOTEL	7750	0.4	2.9	14%	4.1	141%	26.5	36	74%	29.8	83%
Norris Madison Pump HS	COOP	4750		3.05		4.57	150%		12.64		12.1	96%
Old Faithful	COOP	7360		2.47		2.18	88%		20.9		20.09	96%
Tepee Creek	SNOTEL	8000	0.2	2.9	7%	4.4	152%	17	22.5	76%	19.6	87%
West Yellowstone	SNOTEL	6700	-0.3	2.1	-14%	3.3	157%	16.6	20.6	81%	20.3	99%
Whiskey Creek	SNOTEL	6800	0.2	2.9	7%	2.1	72%	22.9	28.6	80%	24	84%
Basin Index					5%		132%			79%		92%
# of sites					13		13			13		13

GALLATIN RIVER BASIN												
Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
Beaver Creek	SNOTEL	7850	-0.2	3	-7%	4.8	160%	24	28.2	85%	30.5	108%
Belgrade Airport	COOP	4450	0.23	2.4	10%	3.3	138%	7.07	10.68	66%	8.65	81%
Bozeman 6 W Exp Farm	COOP	4780	0.8	2.78	29%	3.65	131%	5.37	12.31	44%	9.86	80%
Bozeman Montana St Univ	COOP	4860	1.12	3.11	36%	3.56	114%	12.25	15.42	79%	12.5	81%
Brackett Creek	SNOTEL	7320	0.2	5.6	4%	7.1	127%	32.8	40.5	81%	40.2	99%
Carrot Basin	SNOTEL	9000	0.2	3.4	6%	4.7	138%	33.5	37.5	89%	38	101%

Lick Creek	SNOTEL	6860	0.2	3.7	5%	3.8	103%	19.8	25	79%	25.6	102%
Lone Mountain	SNOTEL	8880	0	3.9	0%	3.8	97%	23.2	27.9	83%	28.6	103%
Sacajawea	SNOTEL	6550	0.8	6.3	13%	8.9	141%	29.4	37.6	78%	40	106%
Shower Falls	SNOTEL	8100	1.2	5.3	23%	4.9	92%	35.7	38.8	92%	41.8	108%
Basin Index					12%		123%			81%		101%
# of sites					10		10			10		10

HELENA VALLEY BASIN												
	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Boulder Mountain	SNOTEL	7950	0.5	4.2	12%	6.5	155%	23.8	32.8	73%	32.7	100%
Fort Benton	COOP	2640		2.3		4.78	208%		9.23		12.18	132%
Frohner Meadow	SNOTEL	6480	0	3.1	0%	5.1	165%	17.4	18.4	95%	19.5	106%
Helena WSO	COOP	3830	0.41	2.06	20%	3.15	153%	7.68	7.73	99%	8.54	110%
Highwood 7 NE	COOP	3600		3.15		4.91	156%		12.48		9.51	76%
Holter Dam	COOP	3490		2.45					9.13			
Nevada Ridge	SNOTEL	7020	0.5	3.2	16%	5.1	159%	22.9	24.2	95%	25.3	105%
Rogers Pass 9 NNE	COOP	4300		2.62					11.79			
Shonkin 7 S	COOP	4300		4.7		6.91	147%		19.34		15.04	78%
Tizer Basin	SNOTEL	6880	0.1	4	2%	6.1	153%	15.2	20.6	74%	21.7	105%
Townsend	COOP	3840		2.25					6.98			
Trident	COOP	4040		2.27		3.47	153%		9.82		7.44	76%
Basin Index					9%		157%			84%		104%
# of sites					5		5			5		5

SMITH-JUDITH-MUSSELSHELL												
	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Boulder Mountain	SNOTEL	7950	0.5	4.2	12%	6.5	155%	23.8	32.8	73%	32.7	100%
Crystal Lake	SNOTEL	6050	2.3	5	46%	6.6	132%	27	31.2	87%	36.7	118%
Daisy Peak	SNOTEL	7600	0.1	4	3%	3.9	98%	16.3	21.7	75%	21.1	97%
Deadman Creek	SNOTEL	6450	1.5	3.4	44%	3.1	91%	18.7	21.1	89%	22	104%
Elk Peak	SNOTEL	7600	0.5			4.5		10.2			15.4	
Flatwillow 4 ENE	COOP	3140		2.5		3.41	136%		9.82		10.52	107%
Grass Range	COOP	3480	0.98	2.95	33%			5.81	11.98	48%		
Harlowton	COOP	4140		2.73					9.26			
Judith Gap	COOP	4690		2.91		3.18	109%		9.87		6.32	64%
Judith Gap 13 E	COOP	5110		2.75					10.48			
Lewistown 10 S	COOP	4910		3.87		4.42	114%		16.52		16.06	97%
Lewistown FAA AP	COOP	4130	1.08	3.08	35%	3.64	118%	7.56	11.84	64%	12.58	106%
Melstone	COOP	2920		2.69		4.05	151%		11.01		11.26	102%
Millegan 14 SE	COOP	4970		3.24		3.95	122%		13.46		6.22	46%
Moccasin Experiment Stn	COOP	4300		2.65					10.26			
Mosby 2 ENE	COOP	2750		2.42		5.03	208%		9.4		10.97	117%
Onion Park	SNOTEL	7410	0.5	4.3	12%	6.4	149%	22.5	29.1	77%	32.5	112%
Pickfoot Creek	SNOTEL	6650	0.3	3.4	9%	6.1	179%	20.8	24.3	86%	23.9	98%
Ryegate 18 NNW	COOP	4440	0.4	2.66	15%	3.15	118%	8.21	8.96	92%	11.4	127%
Spur Park	SNOTEL	8100	0.3	3.7	8%	5.4	146%	23	28.1	82%	29.7	106%
Stanford	COOP	4860		2.74					11.6			
Stringer Creek	SNOTEL	6550	0.1	4.3	2%	6.4	149%	19.7	25.5	77%	28.8	113%
Basin Index					19%		135%			80%		107%
# of sites					10		10			10		10

SUN-TETON-MARIAS												
	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Badger Pass	SNOTEL	6900	1.3	4.6	28%	7.1	154%	40.9	45.9	89%	44.4	97%
Brady 27 Ene The Knees	COOP	3330		2.36					8.02			
Carter 14 W	COOP	3450		2.23		5.81	261%		9.06		13.41	148%
Chester	COOP	3170		2.3					7.49			
Choteau Airport	COOP	3950	0.81	2.38	34%	4	168%	8.09	7.04	115%	11.36	161%
Conrad	COOP	3540		2.36		3.84	163%		8.34		12.23	147%
Cut Bank FAA Airport	COOP	3840	0.66	2.55	26%	2.65	104%	4.86	7.21	67%	7.78	108%
Dupuyer Creek	SNOTEL	5750	4.7	4.1	115%	8.4	205%	22.6	23.4	97%	25.8	110%
East Glacier	COOP	4810		3.3					20.31			
Ethridge	COOP	3540		2.59					7.27			
Fairfield	COOP	3980		2.41		3.66	152%		8.48		9.32	110%
Gibson Dam	COOP	4590		2.92		4.89	167%		11.47		13.89	121%
Great Falls Wscmo Airpo	COOP	3660	0.45	2.53	18%	4.73	187%	10.21	10.26	100%	12.87	125%
Joplin	COOP	3300		2.31		2.38	103%		6.68		7.15	107%
Loma 1 WNW	COOP	2580	0.37	2.29	16%	3.92	171%	8.42	8.56	98%	10.02	117%
Mount Lockhart	SNOTEL	6400	1.8	4	45%	7.6	190%	33.8	35.2	96%	38.6	110%
Pike Creek	SNOTEL	5930	1.3	4	32%	6.3	158%	38.9	41	95%	42.4	103%
Shelby	COOP	3290		2.66		2.83	106%		8.2		10.68	130%
Sun River 4 S	COOP	3600		2.41					8.99			
Waldron	SNOTEL	5600	2	3.4	59%	5.4	159%	22.4	24.8	90%	26.2	106%
Wood Creek	SNOTEL	5960	1.7	3.1	55%	7.1	229%	23.2	23.4	99%	25.8	110%
Basin Index					46%		174%			94%		108%
# of sites					10		10			10		10

ST. MARY												
	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Flattop Mtn.	SNOTEL	6300	2.4	5.7	42%	7	123%	59.2	61.7	96%	67.4	109%
Many Glacier	SNOTEL	4900	2.5	4.5	56%	7.1	158%	33.6	41.1	82%	39.5	96%
Basin Index					48%		138%			90%		104%
# of sites					2		2			2		2

MILK RIVER BASIN	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Chinook	COOP	2340		2.35					8.75			
Content 3 SSE	COOP	2340		2.41		3.27	136%		8.68		8.38	97%
Fort Assiniboine	COOP	2610		2.6		2.69	103%		8.75		6.88	79%
Glasgow WSO Airport	COOP	2280	0.45	2.33	19%	2.17	93%	4.86	7.7	63%	8.89	115%
Goldbutte 7 N	COOP	3500		3.01					9.6			
Guilford	COOP	2820		2.35		2.06	88%		7.48		7.63	102%
Havre WSO AP	COOP	2580	0.12	2.19	5%	2.64	121%	5.81	7.33	79%	7.81	107%
Hingham 11 N	COOP	3100		2.18		1.69	78%		6.73		2.81	42%
Malta 7 E	COOP	2250		2.71		3.05	113%		8.39		6.14	73%
Opheim 16 SE	COOP	2950		2.63		3.52	134%		7.22		6.79	94%
Rocky Boy	SNOTEL	4700	0.6	4.8	13%	4	83%	20.1	21.2	95%	22.2	105%
Rudyard 21n	COOP	2999	0.06					5.09				
Simpson 6 NW	COOP	2740	0.14	2.16	6%	2.62	121%	5.93	7.14	83%	8.44	118%
Turner 11 N	COOP	2980		2.67					7.69			
Basin Index					11%		100%			85%		109%
# of sites					4		4			4		4

UPPER YELLOWSTONE RIVER BASIN	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Beartooth Lake	SNOTEL	9360	0.7	2.8	25%	3.7	132%	25.4	28	91%	31.7	113%
Big Timber	COOP	4100	0.79	2.81	28%	2.99	106%	9.76	12.47	78%	9.69	78%
Billings WSO	COOP	3570	0.29	2.12	14%	4.35	205%	7.69	10.29	75%	9.74	95%
Box Canyon	SNOTEL	6670	0.5	2.4	21%	0.5	21%	21.2	20	106%	18.1	91%
Brackett Creek	SNOTEL	7320	0.2	5.6	4%	7.1	127%	32.8	40.5	81%	40.2	99%
Bridger	COOP	3680	0.35	1.83	19%	2.82	154%	5.27	9.64	55%	8.99	93%
Burnt Mtn	SNOTEL	5880	0.3	3.6	8%	2.3	64%	18.9	24.4	77%	22.4	92%
Canyon	SNOTEL	7870	0.3	2.5	12%	2.2	88%	17.6	23.5	75%	21.8	93%
Clark 3 NE	COOP	4090	0.35	1.39	25%	2.19	158%	4.02	4.92	82%	5.38	109%
Cole Creek	SNOTEL	7850	1.1	3.4	32%	1.7	50%	20.4	24.7	83%	21.5	87%
Columbus	COOP	3590	0.33	2.21	15%	3.4	154%	7.19	11.54	62%	11.17	97%
East Boulder Mine	SNOTEL	6335				1.9					22.1	
Evening Star	SNOTEL	9200	1.5	3.7	41%	2.2	59%	37.1	38.6	96%	39.8	103%
Fisher Creek	SNOTEL	9100	0.3	4.3	7%	3.6	84%	38.5	44.4	87%	45.6	103%
Fishtail	COOP	4500		2.99					13.69			
Gardiner	COOP	5280		1.32					7.43			
Joliet	COOP	3700		1.91		2.64	138%		11.3		10.62	94%
Lake Yellowstone	COOP	7770		2.25		1.63	72%		16.22		16.54	102%
Livingston 12 S	COOP	4870	0.1	2.82	4%			8.83	11.58	76%		
Livingston FAA AP	COOP	4650	0.81	2.39	34%	2.33	97%	8.02	11.02	73%	8.51	77%
Melville 4 W	COOP	5370	0.71	3.27	22%	3.24	99%	11.74	13.04	90%	11.75	90%
Monument Peak	SNOTEL	8850	0.3	3.2	9%	1.8	56%	29.2	31.5	93%	32.3	103%
Mystic Lake	COOP	6560		3.18					18.61			
Northeast Entrance	SNOTEL	7350	0.2	2.8	7%	2.9	104%	17.5	19.5	90%	20.1	103%
Nye 2	COOP	4810		2.99					13.49			
Parker Peak	SNOTEL	9400	0.2	3.1	6%	2.2	71%	28.7	26.9	107%	32.8	122%
Placer Basin	SNOTEL	8830	-0.3	3.8	-8%	0.8	21%	24.8	30.6	81%	25.8	84%
Porcupine	SNOTEL	6500	0	3.4	0%	3	88%	15.9	21.7	73%	19.8	91%
Pryor	COOP	4000		2.19					11.95			
Rapelje 4 S	COOP	4130	0.43	2.21	19%	5.86	265%	9.3	10.43	89%	14.07	135%
Red Lodge 1 NW	COOP	5850	0.5	2.57	19%			11.49	17.88	64%		
Roberts 1 N	COOP	4670	0.69	2.05	34%	4.24	207%	7.85	10.48	75%	10.45	100%
S Fork Shields	SNOTEL	8100	0.5	4.7	11%	6.3	134%	27.7	34.3	81%	35	102%
Sacajawea	SNOTEL	6550	0.8	6.3	13%	8.9	141%	29.4	37.6	78%	40	106%
Shower Falls	SNOTEL	8100	1.2	5.3	23%	4.9	92%	35.7	38.8	92%	41.8	108%
Springdale	COOP	4220		2.23					10.65			
Sylvan Lake	SNOTEL	8420	-0.2	3.4	-6%	3.9	115%	26.9	32.7	82%	34.7	106%
Thumb Divide	SNOTEL	7980	0	2.4	0%	2.3	96%	19.1	26.2	73%	23.8	91%
Tower Falls	COOP	6270	0.33	2.01	16%	1.48	74%	10.73	12.12	89%	14.77	122%
Two Ocean Plateau	SNOTEL	9240	0.3	3.2	9%	4.9	153%	28.1	37.6	75%	38.1	101%
White Mill	SNOTEL	8700	0.3	3.7	8%	2.6	70%	28.3	34.1	83%	32.5	95%
Wolverine	SNOTEL	7650	0	2.2	0%	2.3	105%	19.6	18.7	105%	19	102%
Yellowstone Park	COOP	6230		1.95		1.59	82%		10.75		12.52	116%
Younts Peak	SNOTEL	8350	0.5	2.5	20%	4.3	172%	22.3	23.2	96%	26	112%
Basin Index					14%		107%			85%		101%
# of sites					32		32			32		32

BIGHORN RIVER (Wyoming)	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Bald Mtn.	SNOTEL	9380	0.1	3.3	3%	3.6	109%	20.1	26.8	75%	23.1	86%
Basin	COOP	3840	0.11	1.09	10%	1.67	153%	3.42	5.26	65%	4.52	86%
Bear Trap Meadow	SNOTEL	8200	1.4	2.4	58%	1.9	79%	16.2	16.2	100%	16	99%
Black Mountain	COOP	5640		1.68		0.58	35%		11.24		9.12	81%
Blackwater	SNOTEL	9780	0.4	2.9	14%	2.1	72%	28.9	30.3	95%	32.5	107%
Bone Springs Div	SNOTEL	9350	0.7	3.2	22%	3.3	103%	18.8	25.4	74%	21.9	86%
Boysen Dam	COOP	4640	0.94	1.25	75%	1.33	106%	4.23	6.72	63%	4.72	70%
Buffalo Bill Dam	COOP	5160		1.89					8.11			
Burroughs Creek	SNOTEL	8750	0.5			0.6		20.7			16.8	
Castle Creek	SNOTEL	8400	0.6			2.8		13.1			12.4	
Cody	COOP	5050	0.06	1.68	4%	2.23	133%	5.52	7.48	74%	6.71	90%
Cody 12 SE	COOP	5250	0.45			2.78		3.44			5.91	

Cold Springs	SNOTEL	9630	0.7	2.1	33%	2.6	124%	16.5	17.5	94%	13	74%
Deaver	COOP	4100	0.11	1.15	10%	1.85	161%	1.97	3.78	52%	3.53	93%
Deer Park	SNOTEL	9700	0.7	3	23%	2.4	80%	22.4	30	75%	20.3	68%
Diversion Dam	COOP	5580		1.35		0.72	53%		6.53		5.09	78%
Dubois	COOP	6960	0.16	1.28	13%	2.03	159%	7.65	6.7	114%	8	119%
Emblem	COOP	4450		1.26		2.49	198%		5.38		5.68	106%
Evening Star	SNOTEL	9200	1.5	3.7	41%	2.2	59%	37.1	38.6	96%	39.8	103%
Grave Springs	SNOTEL	8550	1	2.2	45%	1.6	73%	13.8	18.4	75%	13.4	73%
Hobbs Park	SNOTEL	10100	1.3	2.5	52%	2.6	104%	22.2	23	97%	19.4	84%
Kirwin	SNOTEL	9550	0	2.6	0%	2.8	108%	17.9	19.6	91%	17.3	88%
Lander WSO AP	COOP	5560	0.86	1.27	68%	0.4	31%	10.13	10.22	99%	8.27	81%
Little Warm	SNOTEL	9370	0.8	2.2	36%	3.1	141%	18.6	20.6	90%	15.2	74%
Lovell	COOP	3840	0	1.06	0%	2.55	241%	2.75	4.62	60%	4.4	95%
Marquette	SNOTEL	8760	1.1			3.5		15.5			16.3	
Middle Powder	SNOTEL	7760	1.9	2.6	73%	0.8	31%	15.8	20	79%	14.7	74%
Owl Creek	SNOTEL	8975	2	2.2	91%	3.2	145%	14.9	12.9	116%	13	101%
Pavillion	COOP	5440	0.48	1.13	42%	0.37	33%	3.45	5.65	61%	4.05	72%
Powder River Pass	SNOTEL	9480	4.5	3.1	145%	2.3	74%	20.6	21.8	94%	21.5	99%
Powell Field Stn	COOP	4370		1.35		2.5	185%		4.76		4.45	93%
Rairden	COOP	4020				1.06					3.74	
Riverton USBR	COOP	4950	0.46	1.21	38%	0.41	34%	5.23	6.31	83%	5.4	86%
Shell	COOP	4280		1.46		1.94	133%		8.07		6.12	76%
Shell Creek	SNOTEL	9580	4.5	3.1	145%	2.7	87%	22.6	23	98%	19.4	84%
Shoshoni	COOP	4830		1.22		1.55	127%		5.42		4.5	83%
South Pass	SNOTEL	9040	0.2	2.1	10%	2	95%	18.4	25.7	72%	16.9	66%
St. Lawrence Alt	SNOTEL	8620	1.2	2.1	57%	1.4	67%	13.8	16.6	83%	11.3	68%
Sunshine 2 ENE	COOP	6440		2.11		3.34	158%		9.6		9.15	95%
Sylvan Lake	SNOTEL	8420	-0.2	3.4	-6%	3.9	115%	26.9	32.7	82%	34.7	106%
Sylvan Road	SNOTEL	7120		2.6		1.4	54%		23.9		23	96%
Ten Sleep 16 SSE	COOP	4680	1.33			0.56		8.43			8.62	
Ten Sleep 4 NE	COOP	4800	0.56	1.98	28%	1.3	66%	9.13	10.07	91%	9.68	96%
Thermopolis	COOP	4310		1.51		0.89	59%		9.02		5.94	66%
Thermopolis 9 NE	COOP	4290	0.44			1.31		6.15			7.79	
Timber Creek	SNOTEL	7950	0.7	2.5	28%	2.9	116%	15	16.1	93%	12.7	79%
Togwotee Pass	SNOTEL	9580	-0.7	2.4	-29%	2.5	104%	30.1	33.4	90%	35.8	107%
Togwotee Pass	SNOTEL	9580	-0.7	2.4	-29%	2.5	104%	30.1	33.4	90%	35.8	107%
Townsend Creek	SNOTEL	8700	0.6	2.1	29%	2.3	110%	19.2	20.3	95%	16	79%
Worland	COOP	4060	0.14			0.74		3.25			3.81	
Worland FAA AP	COOP	4170	0.05	1.15	4%	0.77	67%	3.24	5.58	58%	3.24	58%
Younts Peak	SNOTEL	8350	0.5	2.5	20%	4.3	172%	22.3	23.2	96%	26	112%
Basin Index					36%		99%			87%		89%
# of sites					34		34			34		34

TONGUE RIVER (Wyoming)	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Big Goose	SNOTEL	7990	0.8	2.1	38%	1.3	62%	18.9	20.3	93%	14.1	69%
Big Horn	COOP	4040	0.87	2.42	36%	1.68	69%	12.36	11.95	103%	8.77	73%
Bone Springs Div	SNOTEL	9350	0.7	3.2	22%	3.3	103%	18.8	25.4	74%	21.9	86%
Burgess Junction	SNOTEL	7880	0.9	2.5	36%	2.9	116%	20	20.6	97%	17.3	84%
Burgess Junction	COOP	8040	0.71	2.4	30%	2.85	119%	18.63	15.64	119%	12.44	80%
Dayton	COOP	4060		2.13		1.87	88%		13.3		9.59	72%
Dome Lake	SNOTEL	8880	1.3	2.7	48%	2.5	93%	22.6	23	98%	18	78%
Little Goose	SNOTEL	8870	1.7			1.2		23.5			12.9	
Sheridan Field Stn	COOP	3750		2.49					9.95			
Sheridan WSO AP	COOP	3960	0.32	2.12	15%	1.73	82%	10.5	10.83	97%	8.87	82%
Sucker Creek	SNOTEL	8880	1.1	3	37%	3.8	127%	25	24.6	102%	22.3	91%
Tie Creek	SNOTEL	6870	1.3	3.1	42%	1.8	58%	17.5	21.8	80%	17.6	81%
Basin Index					34%		93%			94%		81%
# of sites					9		9			9		9

POWDER RIVER (Wyoming)	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Bear Trap Meadow	SNOTEL	8200	1.4	2.4	58%	1.9	79%	16.2	16.2	100%	16	99%
Biddle	COOP	3330	0.86	2.47	35%	1.09	44%	4.9	9.65	51%	5.61	58%
Biddle 8 SW	COOP	3600		2.47					10.49			
Broadus	COOP	3030	0.58	2.25	26%	0.65	29%	10.1	10.14	100%	6.15	61%
Buffalo	COOP	4670		2.23		1.35	61%		9.63		8.35	87%
Clearmont 5 SW	COOP	4060	0.23	2.06	11%	1.23	60%	4.81	9.55	50%	6.65	70%
Cloud Peak Reservoir	SNOTEL	9860	1.7	3.1	55%	1.7	55%	25.8	24.3	106%	20.4	84%
Grave Springs	SNOTEL	8550	1	2.2	45%	1.6	73%	13.8	18.4	75%	13.4	73%
Hansen Sawmill	SNOTEL	8360	1.6	2.7	59%	1.5	56%	18.8	16.8	112%	14.4	86%
Kaycee	COOP	4660	1.15	1.84	63%	1.07	58%	5.55	8.97	62%	6.24	70%
Leiter 9 N	COOP	4200		2.45		1.16	47%		11.24		6.54	58%
Middle Powder	SNOTEL	7760	1.9	2.6	73%	0.8	31%	15.8	20	79%	14.7	74%
Midwest	COOP	4820		1.47		0.59	40%		9.51		4.16	44%
Moorhead 9 NE	COOP	3220	0.39	2.34	17%	1.4	60%	6.49	9.01	72%	5.51	61%
Powder River Pass	SNOTEL	9480	4.5	3.1	145%	2.3	74%	20.6	21.8	94%	21.5	99%
Soldier Park	SNOTEL	8720	1.9			0.9		18.5			13.6	
Story	COOP	5080	1.24	3.1	40%	1.76	57%	18.54	21.82	85%	19.15	88%
Weston	COOP	3530	0.84			1.34		5.28			6.47	
Basin Index					55%		56%			86%		80%
# of sites					12		12			12		12