

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

Monthly Total Precipitation for August 2021	Water Year to Date Precipitation through August 2021
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KOOTENAI 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
Banfield Mountain	SNOTEL	5600	5.4	1.2	450%	0.1	8%	34	35.4	96%	27.1	77%		
Bear Mountain	SNOTEL	5400	2.3	2.1	110%	0.2	10%	61.7	83.9	74%	76.7	91%		
Eureka Ranger Stn	COOP	2530		1.11		0.2	18%		13.82		12.21	88%		
Fernie	COOP	3290	3.58			0.72		21.67			38.72			
Garver Creek	SNOTEL	4250	2.7	1	270%	0.2	20%	24	25.4	94%	23.9	94%		
Grave Creek	SNOTEL	4300	4.6	2	230%	0	0%	39.6	46.1	86%	41	89%		
Hand Creek	SNOTEL	5035	3.4	1	340%	0	0%	28.8	27	107%	17	63%		
Hawkins Lake	SNOTEL	6450	3.1	1.9	163%	0.6	32%	43.4	43.7	99%	44.3	101%		
Libby 32 SSE	COOP	3600		1.02		0.15	15%		21.41		19.84	93%		
Poorman Creek	SNOTEL	5100	2.9	2	145%	0.1	5%	61.4	70.2	87%	62.4	89%		
Stahl Peak	SNOTEL	6030	7.7	2.2	350%	0	0%	58.5	58.6	100%	54.2	92%		
Basin Index						240%		9%		90%		89%		
# of sites						8		8		8		8		

FLATHEAD 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
Badger Pass	SNOTEL	6900	2.2	2.2	100%	0	0%	43.1	50	86%	44.7	89%		
Bigfork 13 S	COOP	2910		1.37		0.78	57%		20.06		4.38	22%		
Bisson Creek	SNOTEL	4920	1.2	1.4	86%	0.3	21%	23.3	29.7	78%	28.8	97%		
Blacktail Mtn	SNOTEL	5650	2.3			0.6		22.3			21.3			
Emery Creek	SNOTEL	4350	2.1	1.4	150%	0.8	57%	35.1	36.8	95%	40	109%		
Flattop Mtn.	SNOTEL	6300	3.5	2	175%	0.6	30%	63	66.5	95%	69.7	105%		
Grave Creek	SNOTEL	4300	4.6	2	230%	0	0%	39.6	46.1	86%	41	89%		
Hand Creek	SNOTEL	5035	3.4	1	340%	0	0%	28.8	27	107%	17	63%		
Hungry Horse Dam	COOP	3160	2.66	1.43	186%	0.7	49%	32.53	30.45	107%	34.08	112%		
Kalispell WSO Airport	COOP	2970	1.76	0.99	178%	0.29	29%	15.09	15.61	97%	14.89	95%		
Kraft Creek	SNOTEL	4750	0.7	1.5	47%	0.4	27%	38.4	36.5	105%	38.5	105%		
Moss Peak	SNOTEL	6780	3.3	2.2	150%	0.5	23%	50.5	56.6	89%	60.1	106%		
Noisy Basin	SNOTEL	6040	2.9	2.4	121%	1	42%	55.2	66.1	84%	64.2	97%		
North Fork Jocko	SNOTEL	6330	2	1.8	111%	0.8	44%	61.2	63.6	96%	69.8	110%		
Pike Creek	SNOTEL	5930	3.6	1.7	212%	0.4	24%	42.5	44.4	96%	43.3	98%		
Polson Kerr Dam	COOP	2730	1.52	1.12	136%	0.6	54%	13.11	14.21	92%	13.15	93%		
Sleeping Woman	SNOTEL	6150	2.1	1.5	140%	0.5	33%	33.2	32.4	102%	35.6	110%		
Stahl Peak	SNOTEL	6030	7.7	2.2	350%	0	0%	58.5	58.6	100%	54.2	92%		
Stuart Mountain	SNOTEL	7400	2	1.5	133%	0.6	40%	37.2	45.1	82%	46.9	104%		
West Glacier	COOP	3150	1.71	1.3	132%	0.38	29%	24.92	27.1	92%	26.19	97%		
Basin Index						165%		27%		93%		99%		
# of sites						18		18		18		18		

UPPER 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
Barker Lakes	SNOTEL	8250	1.8	2.2	82%	1.2	55%	21.7	32.8	66%	32	98%		
Basin Creek	SNOTEL	7180	0.4	1.7	24%	0.1	6%	11.5	22.9	50%	19.2	84%		
Black Mountain	COOP	5640	1.6	0.72	222%	0.16	22%	11.27	13.03	86%	9.37	72%		
Black Pine	SNOTEL	7210	1.8	1.5	120%	0	0%	21.8	24.3	90%	23.8	98%		
Butte FAA Arpt	COOP	5540	1.62	1.36	119%	0.22	16%	6.66	11.77	57%	8.96	76%		
Combination	SNOTEL	5600	2.6	1.7	153%	0.2	12%	17.4	19.1	91%	15.4	81%		
Copper Bottom	SNOTEL	5200	1.5	1.1	136%	0.1	9%	26.3	23.3	113%	21.1	91%		
Copper Camp	SNOTEL	6950	2.3	1.8	128%	0.4	22%	38.9	44.7	87%	37.4	84%		
Cottonwood Creek	SNOTEL	7670	2.1	1.5	140%	0.2	13%	32.5	36.8	88%	41.8	114%		
Deer Lodge 3 W	COOP	4850	2.12	1.29	164%	0.39	30%	10.8	9.62	112%	14.35	149%		
Lubrecht Flume	SNOTEL	4680	2	1.5	133%	0.6	40%	17.7	18.7	95%	21.8	117%		
N Fk Elk Creek	SNOTEL	6250	0.6	1.4	43%	0.5	36%	21.7	24.6	88%	25.1	102%		
Nevada Ridge	SNOTEL	7020	2.7	1.3	208%	0.5	38%	25.9	26.8	97%	26.7	100%		
North Fork Jocko	SNOTEL	6330	2	1.8	111%	0.8	44%	61.2	63.6	96%	69.8	110%		
Peterson Meadows	SNOTEL	7200	0.6	1.7	35%	0	0%	17.6	24.5	72%	25.6	104%		
Philipsburg Ranger Stn	COOP	5270		1.59					13.88					
Seeley Lake Ranger Stn	COOP	4100		1.2					18.79					
Skalkaho Summit	SNOTEL	7250	2.4	1.6	150%	0.9	56%	33.5	35.2	95%	34.5	98%		
Stuart Mountain	SNOTEL	7400	2	1.5	133%	0.6	40%	37.2	45.1	82%	46.9	104%		
Warm Springs	SNOTEL	7800	3.2	2.2	145%	0	0%	32.4	38.6	84%	39	101%		
Basin Index						120%		25%		87%		99%		
# of sites						18		18		18		18		

BITTERROOT 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
Daly Creek	SNOTEL	5780	1.4	1.4	100%	0.6	43%	22.2	23.5	94%	26	111%		
Darby	COOP	3880		1.22					14.23					
Hamilton	COOP	3530		1.03		0.33	32%		12.09		5.66	47%		
Lolo Pass	SNOTEL	5240	3	1.7	176%	0.5	29%	41.7	45.5	92%	43.3	95%		
Moose Creek	SNOTEL	6200	2.2	1.4	157%	0.8	57%	28.9	29.6	98%	31	105%		
Nez Perce Camp	SNOTEL	5650	0.3	1.4	21%	0.3	21%	28.2	30.3	93%	32.4	107%		
Saddle Mtn.	SNOTEL	7940	1.7	1.2	142%	0.3	25%	27.5	34.6	79%	34.7	100%		
Skalkaho Summit	SNOTEL	7250	2.4	1.6	150%	0.9	56%	33.5	35.2	95%	34.5	98%		
Stevensville	COOP	3380	1.25	1.13	111%	0.3	27%	10.15	11.38	89%	9.22	81%		
Twelvemile Creek	SNOTEL	5600	2	1.6	125%	0.6	38%	45.8	44	104%	45.1	103%		
Twin Lakes	SNOTEL	6400	1.9	2	95%	0.4	20%	55.2	61.7	89%	57.9	94%		
Basin Index						120%		35%		93%		99%		

