THE RIVER NIGHT SKY
11/26-new Moon; 12/4-¼ Moon; 12/12-full Moon; 12/13-Geminid@100hr; 12/18-¾ Moon; 12/26-new Moon

10-Day River Forecast Hydrographs

NOAA River Basin Forecast Centers

NRCS Water and Climate Update

(Updated mid-day Thursdays)

NRCS Western Reservoir Current Summary

NRCS SWE Map West US

NRCS WYTD Map West US

Dreamflows Permit | NRCS 6-10 Day Outlook | S-to-E Snotel Forecast | 8-14 Day Outlook | Snotel Charts | SWE Charts | Three Month Outlooks | CoCoRaHS Precip | CO Basin RFC Observed Planner | CO Basin RFC Discussion | GOES Aviation | Wild Fires Map | NOAA NCAR | NRCS Runoff Forecast | Opensnow

12/1 Sun	12/2 07:07	Underlined states=>WW Map Underlined basins=>NRCS Map Underlined rivers=>Dreamgraphs	AWA	Dream	USGS	Current Historic Median	Current Percent of Median	Yesterday's Two week change	Yesterday's Two week up or down %	Yesterday's Two Week Trend units/day
481 15.0 5 35 18.9	Swe* Precip* MinF MaxF AvgF	**Colorado; North to South 114 Snotel Sites@10188'**				NRCS Forecast Map 2019 Runoff		269.0	55.9%	19.21 -1.32
92 70 141	94 73 130	Green River,Upper				Spring Creek Divide_9000'_4.6"_1.6"_87%				-0.07 | 0.19
2130	2120	Green,Lodore[Greendale](III+,IV)				1760	120%	769	56%	50.7
2559	2520	Green,Echo Park(Jensen)(III+,IV)				1810	139%	702	38%	46.4
122 81 *	118 83 *	Yampa and White				Rabbit Ears_9400'_5.1"_1.8"_102%				0.78 | 0.57
	Ice	White,Rangely(II)				401				-24.2
	Ice	Yampa,Cross Mtn(IV,V)				292				-11.2
	Ice	Yampa,Deerlodge(III,.III+)				420				-18.7
110 86 *	109 88 *	N Platte				Tower_10500'_9.5"_3"_81%				0.57 | 0.28
	Ice	N Platte,Northgate(II,IV-)				113				
108 79 90	107 79 92	Colorado,Headwaters				Berthoud Summit_11300'_5.2"_1.6"_137%				0.72 | 0.82
42	43	Eagle,Avon(Dowd Chute)(III,IV,V)				70	62%	-20	-32%	-0.9
183	139	Eagle,Gypsum(II,III+)				215	65%	-41	-18%	-2.1
444	463	Roaring Fk,Cemetary(III,III)				577	80%	-110	-20%	-4.6
100	100	Blue,Blue River CG(II+,III,IV-)				76	132%	-3	-3%	-0.3
225	229	Blue,Green Mtn(III)				288	80%	-70	-24%	-6.4
517	503	Colorado,Pumphouse(II+,III)				540	93%	-93	-15%	-7.2
	Ssn	Colorado,Rodeo[Catamount](III)				471				
	Ice	Colorado,Shoshone[Dotsero](III-,IV,V)				960				-44.1
3954	3840	Colorado,Ruby-Horsethief(I,II+)				3410	113%	-461	-10%	-41.4
3954	3840	Colorado,Westwater(III+,IV+)				3410	113%	-461	-10%	-41.4
97 69 141	101 70 139	Gunnison				Schofield Pass_10700'_6.2"_2.9"_79%				3.58 | 2.07
	Ice	Taylor,Lower(II,III+)				122				-3.7
254	242	Gunnison[Gunnison](II,III)				249	97%	-10	-4%	0.3
1011	1010	Gunnison, Gorge[Tunnel](III,IV)				520	194%	-387	-28%	-13.9
1396	1390	Gunnison,Delta(II-,III-)				1120	124%	-471	-25%	-23.0
127 84 *	124 87 *	Arkansas				Fremont Pass_11400'_3.9"_1.1"_95%				3.33 | 2.09
	Ssn	Arkansas,Numbers(III,IV)				---				
	Ssn	Arkansas,Browns(III,IV-)				244				
	Ssn	Arkansas,Parkdale(Gorge)((III,IV)				435				
131 105 67	130 106 72	S Platte				Hoosier Pass_11400'_4.9"_2.2"_114%				0.83 | 1.03
25	25	S Platte,Union Chutes(III)				27	93%	-3	-11%	-0.3
3	3	S Platte,Confluence Pk(II,III)				12	25%	-118	-97%	-12.4
	81	NF S Platte,Bailey[1](IV,V)								
	26	Bear Ck[1](III,IV,V)								
54	72	Clear Ck,Golden(III,IV,V)				53	136%	10	22%	1.2
17	12	Boulder Ck, Lower(II,III,IV,V)				37	34%	0	-3%	0.1
		Poudre,Rock Report[feet][1]						0		
	272	Poudre,Lower[1](II,III,IV,V)								
111 66 104	111 67 105	W San Juan Mtns				Molas Lake_10500'_3.5"_3.1"_78%				5.88 | 3.09
	Ice	Piedra(III,IV,V)				86				1.4
	Ice	Animas,Silverton(IV,V)				71				-3.8
169	165	Animas,Durango(III,III+)				225	73%	-7	-4%	0.2
577	577	San Juan,Archuleta(II)				511	113%	275	91%	14.0
995	1100	San Juan,Bluff,UT(II,III)				860	128%	438	79%	36.4
	80.8	Dolores,McPhee[1](II+,III,IV)								
176	167	Dolores,[Cisco](IV)				155	108%	40	29%	1.4
70.9 5.0 20 48 32.1	Swe* Precip* MinF MaxF AvgF	**Arizona 39 Snotel Sites@8104'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		70.0	98.7%	4.49 -1.21
1458* 167 505	1323* 164 415	Verde River Basin				Mormon Mtn Summit_8500'_4.3"_4.3"_*%				-366.18 | 9.57
	776	Verde,Camp Verde(I-V)				199	390%			22.5
1321	996	Verde,Abv Horseshoe Reservoir(I-III)				226	441%	1123	568%	143.1
495* 129 384	470* 128 307	Salt-White Mtns				Hannagan Meadows_9020'_4.3"_4.3"_287%				30.64 | 8.09
752	578	Salt(III,IV)				188	307%	632	527%	29.7
77.1 50.0 30 35 32.6	Swe* Precip* MinF MaxF AvgF	**California(SNOTEL only) 75 Snotel Sites@7075'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		77.1	97.0%	6.91 -1.68
130* 40 *	180* 61 *	Lake Tahoe				Echo Peak_7653'_6.1"_6.1"_124%				7.97 | 2.16
		Tuolumne(IV+)								
161 28.9 11 28 21.8	Swe* Precip* MinF MaxF AvgF	**Idaho 82 Snotel Sites@7111'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		67.8	42.2%	4.96 -1.52
96	86	Jarbidge/Bruneau(II+,IV+)				111	77%	-19	-17%	-0.8
8520	8580	Snake,Hell's Canyon(III,IV)				---		41	0%	2.4
49 63 115	50 63 105	Clearwater				Lolo Pass_5240'_2.5"_.9"_45%				-2.42 | -1.33
752	765	Lochsa(II-IV+)				825	93%	-376	-33%	-63.8
		Selway,Paradise(IV-,V)(feet)								
1358	1240	Selway,Selway Falls(IV-,V)				1050	118%	-199	-13%	-72.6
64 48 80	72 54 80	Salmon				Deadwood Summit_6860'_3.7"_1.7"_47%				-1.67 | -1.12
	Ice	SF Salmon(III-V)				156				-10.9
	Ice	MF Salmon,Lodge(III,IV,IV+)				539				-54.4
1.29	1.35	MF Salmon,Lodge(III,IV,IV+)(feet)				539		-0.22	-14%	0.0
891	765	MF Salmon,Mouth(III,IV,IV+)				1100	70%	-154	-15%	-15.1
	Ice	Panther Ck, Cobalt(III)				32				
1498	1510	M Salmon,Shoup(III,IV)				1900	79%	-313	-17%	-23.3
2389	2275	M Salmon,Corn Ck(III,IV)				3000		-467	-16%	-38.4
3708	4040	M Salmon,White Bird(III,IV)				4500	90%	-830	-18%	-75.3
72 63 *	73 62 *	Henrys Teton				Grand Targhee_9260'_9.7"_9.7"_98%				-1.59 | -0.75
353 22.7 10 29 20.5	Swe* Precip* MinF MaxF AvgF	**Montana 90 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		85.5	24.2%	5.26 -1.72
90 77 91	90 77 88	Flathead				Noisy Basin_6040'_9.8"_2.6"_117%				-2.50 | -0.52
670	663	MF Flathead(III+,IV+)				750	88%	-54	-7%	-6.9
141 103 *	141 108 *	Smith				Spar Park_8100'_6.8"_1.6"_124%				-4.87 | -2.08
	Ice	Smith(II)				98				
76.2 16.9 21 35 28.3	Swe* Precip* MinF MaxF AvgF	**Nevada 54 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		74.3	97.5%	5.69 -1.66
130* 40 *	180* 61 *	Lake Tahoe				Echo Peak_7653'_6.1"_6.1"_124%				7.97 | 2.16
71.9 3.9 15 41 27.8	Swe* Precip* MinF MaxF AvgF	**New Mexico 27 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		67.8	94.3%	4.85 -1.28
77.3	51.7	San Francisco,Glenwood(II,III)				30	172%	53	219%	10.6
787.7	481.0	San Francisco,Clifton(II+)				70	687%		2258%	80.9
575* 141 918	546* 140 587	Gila				Silver Creek Divide_9000'_3.8"_3.7"_475*%				33.91 | 7.64
763.7	520.0	Gila,Wilderness Run(II,III)				70	743%	707	1242%	85.9
634	418	Gila, Middle Box(II,III+)				97	431%	572	929%	42.8
104 53 408	103 56 344	Chama				Chamita_8400'_2.7"_2.3"_150%				5.23 | 2.57
647	598	Chama, El Vado(I,II,III)				174	344%	-558	-46%	-38.1
117 61 73	117 63 74	Rio Grande				Wolf Creek Summit_11000'_7.3"_5.3"_83%				4.99 | 2.22
	762	NF Rio Grande, Wagon Wheel(II)[1]								
203	215	Rio Grande, Birds of Prey(II,III)				259	83%	55	37%	7.6
395	311	Rio Grande, Lw Box(III,IV)				474	66%	93	31%	10.0
119 22.6 25 34 29.5	Swe* Precip* MinF MaxF AvgF	**Oregon 81 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		104.5	88.0%	8.55 -1.53
4941	4990	Deschutes, Lower(III,III+)				5420	92%	151	3%	13.9
684	669	Grande Ronde(II,III,+)				1130	59%	-158	-19%	-10.2
47 50 54	70 55 54	John Day				Arbuckle Mtn_5770'_1.9"_1.9"_58%				2.99 | 0.20
304	300	John Day(II,III)				556	54%	-82	-21%	-3.1
55 36 110	76 42 113	Owyhee				South Mtn._6500'_1.8"_1.8"_75%				0.49 | 0.46
199	213	Owyhee(II-V)				189	113%	-8	-4%	-0.1
70 39 24	82 40 28	Rogue,Umpqua				Summit Lake_5610'_3.5"_2.3"_46%				4.75 | 0.81
122	154	Illinois(IV,V)				1220	13%	38	45%	3.8
1991	2070	Rogue(II+,III,IV)				4820	43%	206	12%	17.1
554 16.8 8 35 22.2	Swe* Rain* MinF MaxF AvgF	**Utah 128 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		470.6	84.9%	32.42 -1.49
182 106 253	183 108 136	Dirty Devil				Dills Camp_9228'_3.1"_3.1"_141%				10.58 | 4.00
	Ice	Muddy Ck(I,II,III)				10				
226.65	129.00	Dirty Devil(I,I+)				95	136%	133	142%	5.9
320 135 51	324 138 60	Escalante				Clayton Springs_10049'_6.8"_6.8"_340%				17.83 | 6.95
3.22	2.70	Escalante(II,III)				5	60%	0	-4%	-0.5
126 96 123	130 99 116	Green River,Lower				Indian Creek_9425'_5.1"_2.4"_86%				2.35 | 1.47
2130	2120	Green,Flaming Gorge A,B,C,D(I,II,III)				1760	120%	769	56%	50.7
2130	2120	Green,Lodore(III+,IV)				1760	120%	769	56%	50.7
	Ice	Yampa,Deerlodge(III,.III+)				420				
2559	2520	Green,Echo Park[Jensen](III+,IV)				1810	139%	702	38%	46.4
	Ice	White,Rangely[Blw Boise Ck](II)				401				-24.2
3057	3040	Green,Deso Gray(II+,III)				2270	134%	375	14%	38.0
2785	2700	Green,Labyrinth(I)				3100	87%	384	16%	26.9
2785	2700	Green,Stillwater(I)				3100	87%	384	16%	26.9
3954	3840	Colorado,Westwater(III+,IV+)				3410	113%	-461	-10%	-41.4
3959	3880	Colorado,Moab Daily(Cisco)				3190	122%			
3902	3970	Colorado,Potash(I)				3220	123%	-422	-10%	-42.0
6687	6670	Colorado,Cataract(IV,V)				6320		-38	-1%	-15.1
111 66 114	111 67 128	W San Juan Mtns				Molas Lake_10500'_3.5"_3.1"_78%				5.88 | 3.09
995	1100	San Juan,Bluff,UT(II,III)				860	128%	438	79%	36.4
102 18.6 21 31 26.3	Swe* Precip* MinF MaxF AvgF	**Washington 115 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		69.9	68.3%	5.68 -1.45
32 57 *	34 58 *	Wenatchee				Stevens Pass_3950'_1.1"_1.1"_17%				-0.13 | -0.44
393 22.6 4 30 18.6	Swe* Precip* MinF MaxF AvgF	**Wyoming 89 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		136.7	34.8%	8.38 -1.32
3237	3220	Bighorn(I+)				2740	118%	-172	-5%	-7.5
86 67 90	87 68 93	Snake				Lewis Lake Divide_7850'_2.8"_.9"_37%				-1.45 | -0.62
1524	1590	Snake,Alpine Canyon(III)				1710	93%	-221	-13%	-14.1
92 70 *	94 73 *	Green River,Upper				Spring Creek Divide_9000'_4.6"_1.6"_87%				-0.07 | 0.19
		Texas	AWA		USGS					
574	563	Rio Grande,Castolon				383	147%	-26	-4%	
570	561	Rio Grande,Rio Grande Village(I-III)				280	200%	-61	-10%	-6.7

Dec 2019	Jan 2020	Grand Canyon, Lee's Ferry
7,825	0,000	
14,575	00,000	
750kaf	760kaf	

Bureau of Reclamation
Glen Canyon Dam Operations Report
Nov 14, 2019(Updated mid-month)

Grand Canyon,Abv Diamond Ck	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020
	8,380	6,740	7,000	7,825	0,000
	14,530	12,500	12,640	14,575	00,000
	687kaf	625kaf	625kaf	750kaf	760kaf

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39

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