THE RIVER NIGHT SKY
6/23-full Moon; 7/1-¼ Moon; 9/9-new Moon; 7/17-¾ Moon; 7/23-full Moon; 7/30±15 S. Delta Aquarids@20; 7/31-¾ Moon; 8/8-new Moon; 8/12±11 Perseids@100; 8/15-¼ Moon; 8/22-full Moon; 8/30-¾ Moon; 9/6-new Moon; 9/13-¼ Moon; 9/20-full Moon; 9/28-full 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

6/23 Wed	6/24 07:03	Underlined states==>WW Map Underlined basins==>NRCS Map Underlined rivers=>Dreamgraphs	Binney?	Recommended	Reconsidered	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	Bureau of Rec- Snow to Flow	6-10 Day Outlook	8-14 Day Outlook	Three Month Outlooks	Planner	CO Basin RFC Observed	CO Basin RFC Discussion	Wild Fires Map	NRCS Runoff Forecast	Opensnow	
												USDA	Forecast	Charts	Precip	GOES IV	CAIC	NRCS	Aviation	NOAA	NCAR
4.3 5.2 46 70 57.3	Swe* Precip* MinF MaxF AvgF	**Colorado; North to South** **114 Snotel Sites@10188'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-23.9	-555.8%	-1.19 0.01	P	0	1	Snotel	Snotel	Snotel	Snotel	Snotel	Snotel	Snotel	QPF
* 78 168	* 78 172	Green River,Upper	Loomis Park_8240'	0"	0"	*%			$WE	21.92 | -0.17				Wunder							
4705	4700	Green,Lodore[Greendale](III+,IV)				1690	278%	3884	473%	208.7	P	0	1	Đ	3	4	5	O	A	G	
5308	5490	Green,Echo Park[Jensen](III+,IV)				8270	66%	658	14%	-107.2	P		1	Đ	3	4	5	O	A	G	
3* 69 17	2* 68 17	Yampa and White	Rabbit Ears_9400'	0"	0"	*%			$WE	-1.09 | -0.22				Wunder				O		Q	
261	268	White,Rangely(II)				1130	24%	-604	-70%	-45.0		0		2	3	4	5	O	A	G	
261	268	White,Rangely[Blw Boise Ck](II)				1130	24%	-604	-70%	-45.0		0	1	2	3	4	5	O	A	G	
367	360	Yampa,Cross Mtn(IV,V)				3590	10%	-2013	-84%	-133.3		0	1		3	4	5	O	A	G	
537	485	Yampa,Deerlodge(III,,III+)				4030	12%	-2446	-82%	-166.6	P	0		2	3	4	5	O	A	G	
3* 81 20	2* 81 21	N Platte	Tower_10500'	0"	-3.7"	-0%				-0.56 | -0.15				Wunder				O		Q	
253	235	N Platte,Northgate(II,IV-)				1140	21%	-495	-66%	-25.6		0	1	2		4	5	O	A	G	
* 74 24	* 75 24	Colorado,Headwaters	Berthoud Summit_11300'	0"	0"	*%				15.98 | -0.10				Wunder	Đ	Đ		O		Q	
415	387	Eagle,Avon(Dowd Chute)(III,IV,V)				1130	34%	-820	-66%	-55.3				2	3	4	5	O	A	G	
557	517	Eagle,Gypsum(II,III+)				2030	25%	-1032	-65%	-69.2		0	1		3	4	5	O	A	G	
1384	1280	Roaring Fk,Cemetary(II,III)				3670	35%	-1522	-52%	-100.7		0	1		3	4	5	O	A	G	
100	100	Blue,Blue River CG(II+,III,IV-)				679	15%	44	80%	4.1		0	1	Đ	3	4	5	O	A	G	
92	106	Blue,Green Mtn(III)				1670	16%	26	39%	0.7		0	1	Đ	3	4	5	O	A	G	
475	500	Colorado,Pumphouse(II+,III)				1719	29%	-28	-6%	4.6			1		3	4	5	O	A	G	
573	507	Colorado,Rodeo[Catamount](III)				2630	19%	-302	-34%	-16.4						4	5	O			
1295	1220	Colorado,Shoshone[Dotsero](III-,IV,V)				5330	23%	-1312	-50%	-87.4		0	1		3	4	5	O	A	G	
3057	2860	Colorado,Ruby-Horsethief(II,III+)				12700	23%	-4151	-58%	-273.2	P	0	1		3	4	5	O	A	G	
3057	2860	Colorado,Westwater(III+,IV+)				12700	23%	-4151	-58%	-273.2	P	0	1		3	4	5	O	A	G	
* 71 35	* 71 36	Gunnison	Schofield Pass_10700'	-M"	-3.7"	*%				69.40 | -0.13				Wunder				O		Q	
361	361	Taylor,Lower(II,III+)				726	50%	-75	-17%	-3.1		0	1		3	4	5	O	A	G	
634	623	Gunnison[Gunnison](II,III)				2010	31%	-698	-52%	-40.9		0	1		3	4	5	O	A	G	
656	655	Gunnison, Gorge[Tunnel](III,IV)				2390	27%	170	35%	15.5			1	Đ	3	4	5	O	A	G	
752	769	Gunnison,Delta[(II-,III-)				2060	37%	-284	-27%	-9.4		0	1		3	4	5	O	A	G	
* 92 48	* 92 45	Arkansas	Fremont Pass_11400'	-M"	-2.3"	*%				5.16 | -0.11				Wunder				O		Q	
652	664	Arkansas,Numbers(III,IV)				1490	45%	-731	-53%	-52.6		0				4	5	O	A	G	
907	890	Arkansas,Browns(III,IV-)				1900	47%	-760	-46%	-55.2		0				4	5	O	A	G	
1049	940	Arkansas,Parkdale[Gorge](III,IV)				2090	45%	-874	-45%	-65.8		0	1	2		4	5	O	A	G	
* 92 81	* 92 73	S Platte	Hoosier Pass_11400'	0"	-.1"	*%				-4.30 | -0.28				Wunder				O		Q	
124	147	S Platte,Union Chutes(III)				306	48%	23	22%	3.5		0				4	5	O	A	G	
144	188	S Platte,Confluence Pk(II,III)				135	139%	133	1260%	20.0		0				4	5	O	A	G	
	81	NF S Platte,Bailey'[IV,V)																O	A	G	
	26	Bear Ck[III(IV,V)										0	1	2				O	A	Q	
470	462	Clear Ck,Golden(III,IV,V)				801	58%	-357	-43%	-27.2		0	1			4	5	O	A	G	
150	112	Boulder Ck, Lower(II,III,IV,V)				234	48%	-348	-70%	-20.4		0				4	5	O	A	G	
		Poudre,Rock Report[feet]'						0										O	A		
	272	Poudre,Lower'[II,III,IV,V)										0	1	2				O	A	Q	
150* 69 37	* 70 36	W San Juan Mtns	Molas Lake_10500'	0.4"	.4"	*%				7.84 | -0.09				Wunder				O		Q	
171	163	Piedra(III,IV,V)				527	31%	-545	-76%	-36.9		0			3			O	A	G	
452	438	Animas,Silverton(IV,V)				910	48%	-525	-54%	-36.7						4	5	O	A	G	
846	761	Animas,Durango(III,III+)				2110	36%	-1372	-62%	-93.1		0		2	3	4	5	O	A	G	
311	311	San Juan,Archuleta(II)				730	43%	-12	-4%	-0.9			1	2	Đ	3	5	O	A	G	
861	790	San Juan,Bluff,UT(II,III)				3300	24%	-1406	-62%	-101.1	P	0	1		3	4	5	O	A	G	
150* 69 41	* 70 33	Doloras	Lizard Head Pass_10200'	0"	0"	*%				7.84 | -0.09				Wunder				O		Q	
		San Miguel, Placerville										0						O			
	80.8	Dolores,McPhee'[(II+,III,IV)										0	1		3	Đ	Đ	O	A	Q	
264	214	Dolores,(Cisco)(IV)				641	33%	-261	-50%	-17.6			1		3	4	5	O	A	G	
.8 2.1 54 71 60.4	Swe* Precip* MinF MaxF AvgF	**Arizona** **39 Snotel Sites@8104'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		0.2	25.0%	0.00 0.29				Wunder				NRCS	AzWSC	QPF	53
* 57* 69	* 54* 79	Verde River Basin	Mormon Mtn Summit_8500'	-M"	0"	*%				0.00 | 0.00				Wunder				●			54
43	45	Verde,Camp Verde(I-V)				59	76%	-7	-15%	-0.9			1		3	4	5	O	A	G	55
56	60	Verde,Abv Horseshoe Reservoir(I-III)				74	81%	1	2%	-0.3		0	1		3	4	5	O	A	G	56
		Salt-White Mtns	Hannagan Meadows_9020'	0"	0"	*%				0.00 | #				Wunder				O	●		57
42	43	Salt(III,IV) MUSSELS! DCD				149	29%	-15	-26%	-0.9	P	0	1		3	4	5	O	A	G	58
.5 .4 45 70 57.5	Swe* Precip* MinF MaxF AvgF	**California(SNOTEL only)** **75 Snotel Sites@7075'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		0.5	-50.0%	-0.06 1.40				Wunder				NRCS	CAWSC		59
* 53 *	* 53 *	Lake Tahoe - Truckee	Echo Peak_7653'	0"	0"	*%				2.67 | -0.03				Wunder				O		Q	60
		Truckee										0						O			61
		Tuolumne(IV+)									P							O			62
1.9 2.5 50 76 62.6	Swe* Precip* MinF MaxF AvgF	**Idaho** **82 Snotel Sites@7111'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-31.7	-1668.4%	-2.63 1.07				Snotel	Snotel	Snotel	Snotel	NRCS	IDWSC	QPF	63
* 66 22	* 65 22	Owyhee	Fawn Creek_7031'	0"	0"	*%			$WE	0.00 | 0.05				Wunder				O			64
125	116	Jarbidge/Bruneau(II+,IV+)				532	22%	-234	-65%	-16.1		0	1	2	3	4	5	O	A	G	65
9* 87 71	9* 87 70	Clearwater	Lolo Pass_5240'	-M"	0"	*%				-4.04 | -0.08				Wunder				O			66
3425	3280	Lochsa(II-IV+)				4700	70%	-3173	-48%	-320.8		0	1		3	4	5	O	A	G	67
		Selway,Paradise(IV-,V)(feet)								3	P							O	A		68
5179	4880	Selway,Selway Falls(IV-,V)				7010	70%	-5492	-51%	-471.5	P	0	1	2	3	4	5	O	A	G	69
27* 73 41	75* 73 40	Salmon	Deadwood Summit_6860'	0"	0"	*%				0.76 | -0.04				Wunder				O			70
398	374	SF Salmon(III-V)				1080	35%	-402	-50%	-34.4		0	1			4	5	O	A	G	71
1191	1140	MF Salmon,Lodge(III,IV,IV+)				2770	41%	-940	-44%	-73.1	P	0	1	2	3	4	5	O	A	G	72
2.24	2.19	MF Salmon,Lodge(III,IV,IV+)(feet)				2770		-0.76	-25%	-0.1	P		1	2	3			O	A	G	73
2407	2360	MF Salmon,Mouth(III,IV,IV+)				5540	43%	-2354	-49%	-174.7	P					4	5	O	A	G	74
94	88	Panther Ck, Cobalt(III)				144	61%									4	5	O	A	G	75
1964	1920	M Salmon,Shoup(III,IV)				7230	27%	-2224	-53%	-157.1		0	1	2	3	4	5	O	A	G	76
4465	4368	M Salmon,Corn Ck(III,IV)				12770		-4657	-51%	-337.6	P							O	A		77
10051	9910	M Salmon,White Bird(III,IV)				28499	35%	-10854	-52%	-845.7		0	1	2	3	4	5	O	A	G	78
* 73 46	* 73 46	Payette 12@5122'	Deadwood Summit_6860'	0"	0"	*%			$WE	-0.26 | 0.00				Wunder				O			78
742	716	SF Payette,Lowman(III-IV)				2130	34%	-629	-46%	-45.7		0	1	2	3	4	5	O	A	G	78
3523	3500	Main Payette,Horseshoe Bend(I-,III,III+)				5940	59%	938	36%	83.4		0	1	2	3	4	5	O	A	G	78
1* 78 *	2* 78 *	Upper Snake - Henrys - Teton	Grand Targhee_9260'	0"	0"	*%				-1.35 | -0.19				Wunder				O			79
8768	6700	Snake,Hell's Canyon[III,IV]			---			-8	0%	6.1	P		I	Đ		4	5	O	A	G	80
6.7 2.7 45 71 59.2	Swe* Precip* MinF MaxF AvgF	**Montana** **90 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-170.1	-2538.8%	-13.21 0.60				Snotel	Snotel	Snotel	Snotel	NRCS	MTWSC		81
17* 95 80	13* 95 83	Pend Oreille - Flathead	Noisy Basin_6040'	0"	-16.9"	0*%				-4.51 | -0.05				Wunder				O			82
6313	6010	MF Flathead(III+,IV+)				7270	83%	-1702	-21%	-120.1		0	1	2	3	4	5	O	A	G	83
* 81 22	* 81 22	Smith	Spar Park_8100'	0"	-9.4"	*%				-13.63 | -0.43				Wunder				O			84
98	94	Smith(II)				436	22%	-182	-65%	-13.4	P	0	1			4	5	O	A	G	85
.3 4.3 49 72 60.8	Swe* Precip* MinF MaxF AvgF	**Nevada** **54 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		0.3	75.0%	-0.01 1.20				Snotel	Snotel	Snotel	Snotel	NRCS	NVWSC	QPF	86
* 66 22	* 65 22	Owyhee	Fawn Creek_7031'	0"	0"	*%			$WE	0.00 | 0.05				Wunder				O			87
125	116	Jarbidge/Bruneau(II+,IV+)				532	22%	-234	-65%	-16.1		0	1	2	3	4	5	O	A	G	88
* 53 *	* 53 *	Lake Tahoe	Echo Peak_7653'	0"	0"	*%				2.67 | -0.03				Wunder				O			89
1.2 .3 49 76 63.2	Swe* Precip* MinF MaxF AvgF	**New Mexico** **27 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-0.4	-33.3%	0.01 0.04				Snotel	Snotel	Snotel	Snotel	NRCS	NMWSC	QPF	90
8.1	10.3	San Francisco,Glenwood(II,III)				20	52%	-9	-53%	-0.7		0	1		3	4	5	O	A	G	91
2.2	2.9	San Francisco,Clifton(II+)				32	9%		-46%	-0.5			1		3	4	5	O	A	G	92
* 55 27	* 55 27	Gila	Silver Creek Divide_9000'	0"	0"	*%				0.00 | -0.08				Wunder				O			93
14.5	14.5	Gila,Wilderness Run(II,III)				35	41%	-5	-26%	-0.3		0	1		3	4	5	O	A	G	94
3	3	Gila, Middle Box(II,III+)				25	12%	-1	-28%	-0.1		0	1		3	4	5	O	A	G	95
* 77 85	* 77 93	Chama	Chamita_8400'	0"	0"	*%				0.00 | -0.07				Wunder				O			96
503	506	Chama, El Vado(II,III)				542	93%	150	42%	14.4	P	0	1			4	5	O	A	G	97
100* 84 58	* 84 54	Rio Grande Headwaters	Wolf Creek Summit_11000'	-0"	0"	*%				5.03 | -0.11				Wunder				O			98
	762	NF Rio Grande, Wagon Wheel(III)'										0						O	A	Q	99
261	231	Rio Grande, Birds of Prey(II,III)				454	51%	-400	-60%	-16.2		0	1			4	5	O	A	G	100
487	441	Rio Grande, Lw Box(II,IV)				763	58%	-484	-50%	-25.1		0	1	2		4	5	O	A	G	101
.8 2.0 50 77 62.9	Swe* Precip* MinF MaxF AvgF	**Oregon** **81 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-39.9	-4987.5%	-3.16 1.55				Snotel	Snotel	Snotel	Snotel	NRCS	ORWSC	QPF	102
4380	4350	Deschutes, Lower(III,III+)				4930	88%	27	1%	8.9		0	1	2	3	4	5	O	A	G	103
2682	2510	Grande Ronde(II,III,+)				4340	58%	-1102	-29%	-76.8		0	1	2	3	4	5	O	A	G	104
* 78 31	* 78 32	John Day	Arbuckle Mtn_5770'	0"	0"	*%				0.00 | -0.04				Wunder				O			105
427	423	John Day(II,III)				1340	32%	-638	-60%	-44.5		0	1	2	3	4	5	O	A	G	106
* 66 36	* 65 33	Owyhee	Fawn Creek_7031'	0"	0"	*%			$WE	0.00 | 0.05				Wunder				O			107
120	112	Owyhee(I-V)				339	33%	-13	-10%	-3.4		0	1		4	5	O	A	G		108
0* 72 84	0* 71 79	Rogue, Umpqua	Summit Lake_5610'	0"	-8.6"	0%				-2.04 | 0.03				Wunder				O			109
117	112	Illinois(IV,V)				163	69%	-6	-5%	-2.7		0	1	2	3	4	5	O	A	G	110
2783	2620	Rogue(II+,III,IV)				2940	89%	-128	-4%	-9.5	P	0	1		3	4	5	O	A	G	111
5.1 2.5 51 72 60.5	Swe* Rain* MinF MaxF AvgF	**Utah** **128 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		4.8	94.1%	0.28 0.62				Snotel	Snotel	Snotel	Snotel	NRCS	UTWSC	QPF	112
* 64 42	* 65 35	Dirty Devil	Dills Camp_9228'	0"	0"	*%				# | -0.14				Wunder				O			113
22.8	22.6	Muddy Ck(I,II,III) MUSSELS! DCD				92	25%					0			3			O	A		114
4.8	4.5	Dirty Devil(I,I+) MUSSELS! DCD				10	46%	1	14%	0.0		0			3	4	5	O	A	G	115
* 56 10	* 57 17	Escalante	Clayton Springs_10049'	0"	0"	*%				# | -0.08				Wunder				O			116
0.2	0.3	Escalante(II,III) MUSSELS! DCD				2	17%	0	-14%	0.0					3	4	5	O	A	G	117
* 83 74	* 83 75	Green River,Lower	Indian Creek_9425'	0"	0"	*%				-0.20 | -0.18				Wunder				O			118
4705	4700	Green,Flaming Gorge A,B,C,D(I,II,III)[				1690	278%	3884	473%	208.7	P	0	1	Đ	3	4	5	O	A	G	119
4705	4700	Green,Lodore(III+,IV)[				1690	278%	3884	473%	208.7	P	0	1	Đ	3	4	5	O	A	G	120
537	485	Yampa,Deerlodge(III,,III+)				4030	12%	-2446	-82%			P	0	1	2	3	4	5	O	A	G	121
5308	5490	Green,Echo Park[Jensen](III+,IV)				8270	66%	658	14%	-107.2	P		1	Đ	3	4	5	O	A	G	122
2360	2270	Green,Deso Gray[Green River](II+,III)				14499	16%	-2594	-52%	-219.7	P	0	1		3	4	5	O	A	G	123
2219	2120	Green,Labyrinth(I)				10400	20%	-2160	-49%	-193.9	P		1		4	5	O	A	G	124
2219	2120	Green,Stillwater(I)				10400	20%	-2160	-49%	-193.9	P		1		4	5	O	A	G	125
3057	2860	Colorado,Westwater(III+,IV+)				12700	23%	-4151	-58%	-273.2	P	0	1		3	4	5	O	A	G	126
3252	3130	Colorado,Moab Daily(Cisco)				17300	18%														127
3667	3310	Colorado,Potash(I)				15600	21%	-4261	-54%	-300.9						4	5	O	A	G	128
5886	5430	Colorado,Cataract(IV,V) MUSSELS! DCD				26000		-6422	-52%	-494.8	P	0						O	A		129
150* 69 27	* 70 24	W San Juan Mtns	Molas Lake_10500'	0.4"	.4"	*%				7.84 | -0.09				Wunder				O		Q	130
861	790	San Juan,Bluff,UT(II,III) MUSSELS! DCD				3300	24%	-1406	-62%	-101.1	P	0	1		3	4	5	O	A	G	131
235 1.5 51 72 60.4	Swe* Precip* MinF MaxF AvgF	**Washington** **115 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-405.1	-172.3%	-29.84 1.48				Snotel	Snotel	Snotel	Snotel	NRCS	WAWSC	QPF	132
18* 100 *	9* 100 *	Wenatchee	Stevens Pass_3950'	0"	0"	*%				-3.57 | 0.02				Wunder				O			133
2.7 1.8 45 74 60.3	Swe* Precip* MinF MaxF AvgF	**Wyoming** **89 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		-56.7	-2100.0%	-3.49 0.20				Snotel	Snotel	Snotel	Snotel	NRCS	WYWSC	QPF	134
1726	1700	Bighorn(I+)				6430	26%	-167	-9%	-2.9		0	1	Đ		4	5	O		G	135
4* 78 68	5* 79 67	Snake	Lewis Lake Divide_7850'	0"	0"	*%				-1.65 | -0.23				Wunder				O			136
8211	8040	Snake,Alpine Canyon(III)				12000	67%	-5389	-40%	-330.0		0	1		3	4	5	O	A	G	137
* 78 *	* 78 *	Green River,Upper	Spring Creek Divide_9000'	0"	0"	*%				21.92 | -0.17				Wunder				O			138
		Texas	AWA		USGS																139
29	11	Rio Grande,Castolon				106	10%	20	203%					M	M			O	A	G	140
38	39	Rio Grande,Rio Grande Village(I-III)				136	29%	-32	-45%	-1.9			1	M	M	4	5	O	A	G	141
																					142
																					143
Jun 2021 7,359 13,869 651kaf	Jul 2021 9,3007 16,20007 766kaf	Grand Canyon, Lee's Ferry(R) MUSSELS! DCD				**Bureau of Reclamation** **Glen Canyon Dam Operations Report** **June 14, 2021(Updated mid-month)**					P	0	1			4	5	O	A		144
		Grand Canyon,Abv Diamond Ck(R) MUSSELS! DCD				Mar 2021 8,589 14,674 700kaf	Apr 2021 8,000 13,651 628kaf	May 2021 7,300-12,953 (28th-6th 8,000) 628kaf	Jun 2021 7,359 13,869 651kaf	Jul 2021 9,3007 16,20007 766kaf	P		G	G	G			Wunder	O	O	O	145
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	146
		Start Time: 7:03:03 AM End Time: 7:17:49 AM Elapsed time: 14.76667 Hyperlinks: 2154																			147