THE RIVER NIGHT SKY 10/27-new Moon; 11/4-¼ Moon; 11/12-full Moon; 11/17-Leonid@15hr; 11/19-¾ Moon; 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	6-10 Day Outlook	8-14 Day Outlook	Three Month Outlooks	Planner	CO Basin RFC Observed	CO Basin RFC	Wild Fires Map	NRCS Runoff Forecast	
11/1 Fri	11/2 07:49	Underlined states=>WW Map Underlined basins=>NRCS Map Underlined rivers=>Dreamgraphs	Boney!	Recommended	Reconsider!	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		NRCS	Forecast	Charts	Precip		GOES	Aviation	NOAA	NCAR
219 .9 14 37 24.4	Swe" Precip" MinF MaxF AvgF	**Colorado; North to South** **114 Snotel Sites@10188'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		206.8	94.4%	14.42 -1.04		S-to-F	Snotel	SWE	CoCoRS	CAIC	INDEX	NRCS	COWSC	
164* 87 75	150* 81 74	Green River,Upper	Spring Creek Divide_9000' 2.7" 2.2" 225*%							-4.16 | 2.48		0	Wunder					☼		
1132	924	Green,Lodore[Greendale](III+,IV)Rs				1620	57%	-2	0%	0.0	P	0	1	Đ	3	4	5	☼	A	G
1572	1880	Green,Echo Park(Jensen)(III+,IV)				2050	92%	-36	-2%	-0.8	P		1	Đ	3	4	5	☼	A	G
316* 113 *	276* 107 *	Yampa and White	Rabbit Ears_9400' 3.3" 3.1" 330*%							9.14 | 5.25		0	Wunder					☼		Q
	Ice	White,Rangely(II)				460				1.1		0		2	3	4	5	☼	A	G
	Ice	Yampa,Cross Mtn(IV,V)				328				-2.8		0	1		3	4	5	☼	A	G
	Ice	Yampa,Deerlodge(III,,III+)				516				-0.3	P			2	3	4	5	☼	A	G
206* 124 *	184* 124 *	N Platte	Tower_10500' 6.5" 6.4" 171*%							8.48 | 6.59		0	Wunder					☼		
	Ice	N Platte,Northgate(II,IV-)				149				-4.8		0	1	2		4	5	☼	A	G
232* 106 112	208* 101 108	Colorado,Headwaters	Berthoud Summit_11300' 3.3" 3.1" 330*%							6.49 | 4.78		0	Wunder			Đ	Đ	☼		Q
70	53	Eagle,Avon(Dowd Chute)(III,IV,V)				94	57%	-11	-14%	-0.9				2	3	4	5	☼	A	G
222	227	Eagle,Gypsum(II,III+)				247	92%	-1	0%	0.4		0	1		3	4	5	☼	A	G
595	595	Roaring Fk,Cemetary(II,III)				679	88%	-41	-6%	-6.0		0	1		3	4	5	☼	A	G
103	103	Blue,Blue River CG(II+,III,IV-)Đ				98	105%	-1	-1%	0.1		0	1	Đ	3	4	5	☼	A	G
431	392	Blue,Green Mtn(III)Đ				293	134%	-336	-44%	-16.9		0	1	Đ	3	4	5	☼	A	G
838	789	Colorado,Pumphouse(II+,III)				633	125%	-254	-23%	-11.5			1		3	4	5	☼	A	G
909	837	Colorado,Rodeo[Catamount](III)				649	129%	-209	-19%	-7.9						4	5	☼		
1309	1250	Colorado,Shoshone[Dotsero](III-,IV,V)				1100	114%	-169	-11%	-7.2		0	1		3	4	5	☼	A	G
4995	4970	Colorado,Ruby-Horsethief(I,II+)				4230	117%	995	25%	71.8	P	0	1		3	4	5	☼	A	G
4995	4970	Colorado,Westwater(III+,IV+)				4230	117%	995	25%	71.8	P	0	1		3	4	5	☼	A	G
133* 56 90	116* 53 228	Gunnison	Schofield Pass_10700' 3.1" 3.1" 115*%							-4.98 | 2.68		0	Wunder					☼		Q
	Ice	Taylor,Lower(II,III+)				160				-3.3		0	1		3	4	5	☼	A	G
	Ice	Gunnison[Gunnison](II,III)				312				0.0		0	1		3	4	5	☼	A	G
954	1460	Gunnison, Gorge[Tunnel](III,IV)Đ				568	257%	491	106%	12.8			1	Đ	3	4	5	☼	A	G
932	1960	Gunnison,Delta((II-,III-)				984	199%	29	3%	4.3		0	1		3	4	5	☼	A	G
209* 84 *	194* 79 *	Arkansas	Fremont Pass_11400' 2.6" 2.2" 162*%							8.17 | 4.93		0	Wunder					☼		Q
	Ssn	Arkansas,Numbers(III,IV)				---						0				4	5	☼	A	G
	Ssn	Arkansas,Browns(III,IV-)				296						0				4	5	☼	A	G
	Ssn	Arkansas,Parkdale(Gorge)((III,IV)				441						0	1	2		4	5	☼	A	G
236* 138 89	228* 127 312	S Platte	Hoosier Pass_11400' 2.5" 2.4" 139%							12.62 | 7.55		0	Wunder					☼		Q
54	52	S Platte,Union Chutes(III)Đ				30	173%	14	34%	1.3						4	5	☼	A	G
91	144	S Platte,Confluence Pk(II,III)Đ				15	960%	88	2223%	2.1						4	5	☼	A	G
	81	NF S Platte,Bailey[1](IV,V)Đ																☼	A	Q
	26	Bear Ck[1](III,IV,V)										0	1	2				☼	A	Q
57	42	Clear Ck,Golden(III,IV,V)				73	58%	0	0%	-0.5		0	1			4	5	☼	A	G
29	24	Boulder Ck, Lower(II,III,IV,V)				41	58%	20	248%	0.7		0				4	5	☼	A	G
		Poudre,Rock Report(feet)[3]						0										☼	A	
	272	Poudre,Lower[1](II,III,IV,V)										0	1	2				☼	A	Q
67* 24 65	57* 22 67	W San Juan Mtns	Molas Lake_10500' 0.9" .9" 90*%							-2.53 | 0.94		0	Wunder					☼		Q
52	50	Piedra(III,IV,V)				105	47%	-5	-9%	-0.2		0			3			☼	A	G
62	43	Animas,Silverton(IV,V)				101	43%	-16	-21%	-1.2						4	5	☼	A	G
254	266	Animas,Durango(III,III+)				276	96%	26	11%	2.6		0		2	3	4	5	☼	A	G
312	315	San Juan,Archuletta(II)Đ				561	56%	-190	-38%	-14.1			1	2	Đ	Đ	5	☼	A	G
715	738	San Juan,Bluff,UT(II,III)				951	78%	-109	-13%	-1.4	P	0	1		3	4	5	☼	A	G
	80.8	Dolores,McPhee[1](II+,III,IV)Đ										0	1		3	Đ	Đ	☼	A	Q
173	153	Dolores,[Ciscoe](IV)				190	81%	15	9%	2.0		0	1		3	4	5	☼		G
2.1 .8 29 62 43.0	Swe" Precip" MinF MaxF AvgF	**Arizona** **39 Snotel Sites@8104'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		2.1	20.0%	0.04 -0.85		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	AZWSC	
* 10* 81	* 6* 85	Verde River Basin	Mormon Mtn Summit_8500' 0.1" .1" *%							0.00 | -0.66		0	Wunder					☼		
112	116	Verde,Camp Verde(I-V)				162	72%	40	56%	2.6			1		3	4	5	☼	A	G
182	182	Verde,Abv Horseshoe Reservoir(I-III)				185	98%	44	32%	3.1		0	1		3	4	5	☼	A	G
* 4* 57	* 7 59	Salt-White Mtns	Hannagan Meadows_9020' 0.1" .1" *%							0.00 | -0.44		0	Wunder					☼		
106	106	Salt(III,IV)				179	59%	1	1%	-0.1	P	0	1		3	4	5	☼	A	G
2. .8 32 55 40.8	Swe" Precip" MinF MaxF AvgF	**California(SNOTEL only)** **75 Snotel Sites@7075'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		2	75.0%	0.11 -0.49		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	CAWSC	
125* 7 *	100* 8 *	Lake Tahoe	Echo Peak_7653' 0" 0" 0*%							0.00 | -0.68			Wunder					☼		
		Tuolumne(IV+)									P									
83.5 1.4 17 41 26.6	Swe" Precip" MinF MaxF AvgF	**Idaho** **82 Snotel Sites@7111'**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		69.5	83.2%	2.65 -1.17		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	IDWSC	
91	115	Jarbidge/Bruneau(II+,IV+)				101	114%	-35	-28%	-2.4		0	1	2	3	4	5	☼	A	G
8563	8560	Snake,Hell's Canyon(III,IV)Rs				---		-66	-1%	-3.2	P		I	Đ		4	5	☼	A	G
309* 128 134	271* 121 118	Clearwater	Lolo Pass_5240' 1.4" 1.2" 350*%							-152.44 | 1.30		0	Wunder					☼		
815	791	Lochsa(II-IV+)				737	107%	181	28%	-12.0		0	1		3	4	5	☼	A	G
		Selway,Paradise(IV-,V)(feet)									P				3			☼	A	
1354	1210	Selway,Selway Falls(IV-,V)				942	128%	347	34%	-5.4	P	0	1	2	3	4	5	☼	A	G
262* 103 88	250* 101 84	Salmon	Deadwood Summit_6860' 1.9" 1.6" 190*%							-23.18 | -1.10		0	Wunder					☼		
158	126	SF Salmon(III-V)				161	78%	7	5%	-1.8		0	1			4	5	☼	A	G
	Ice	MF Salmon,Lodge(III,IV,IV+)				650				-17.6	P	0	1	2	3	4	5	☼	A	G
1.56	1.57	MF Salmon,Lodge(III,IV,IV+)(feet)				650		-0.08	-5%	0.0	P		1	2	3			☼	A	G
1112	1070	MF Salmon,Mouth(III,IV,IV+)				1270	84%	-81	-7%	-20.2	P					4	5	☼	A	G
	Ice	Panther Ck, Cobalt(III)				39										4	5	☼	A	G
	Ice	M Salmon,Shoup(III,IV)				2030				-37.5		0	1	2	3	4	5	☼	A	G
Ice	Ice	M Salmon,Corn Ck(III,IV)				3300				-55.4	P							☼	A	
3980	4320	M Salmon,White Bird(III,IV)				4840	89%	-1017	-20%	-73.6		0	1	2	3	4	5	☼	A	G
186* 107 *	178* 104 *	Henrys Teton	Grand Targhee_9260' 7.3" 7.3" 152%							-6.11 | 1.34		0	Wunder					☼		
222 8.0 13 33 22.8	Swe" Precip" MinF MaxF AvgF	**Montana** **90 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		145.0	65.2%	9.79 -1.47		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	MTWSC	
316* 114 121	279* 112 113	Flathead	Noisy Basin_6040' 6.2" 4.4" 477*%							-3.12 | 1.46		0	Wunder					☼		
1038	995	MF Flathead(III+,IV+)				880	113%	-50	-5%	0.8		0	1	2	3	4	5	☼	A	G
371* 144 *	347* 148 *	Smith	Spur Park_8100' 4.2" 2.3" 191*%							8.89 | 4.04		0	Wunder					☼		
	Ice	Smith(II)				131				-7.3	P	0	1			4	5	☼	A	G
5.7 .4 29 48 36.6	Swe" Precip" MinF MaxF AvgF	**Nevada** **54 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		4.9	86.0%	0.05 -0.88		S-to-F	Snotel	SWE	CoCoRS		INDEX		NVWSC	
125* 7 *	100* 8 *	Lake Tahoe	Echo Peak_7653' 0" 0" 0*%							0.00 | -0.68			Wunder					☼		
7. 1.1 28 51 38.0	Swe" Precip" MinF MaxF AvgF	**New Mexico** **27 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		7.0	91.7%	0.67 -0.63		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	NMWSC	Dist 5
17.5	19.2	San Francisco,Glenwood(II,III)				29	66%	-2	-8%	0.0		0	1		3	4	5	☼	A	G
31.3	34.5	San Francisco,Clifton(II+)				61	57%		21%	0.3			1		3	4	5	☼	A	G
* 25 57	* 33 57	Gila	Silver Creek Divide_9000' 0" 0" *%							0.00 | -1.02		0	Wunder					☼		
53.6	53.6	Gila,Wilderness Run(II,III)				70	77%	12	28%	0.6		0	1		3	4	5	☼	A	G
34	31	Gila, Middle Box(II,III+)				84	37%	8	32%	0.7		0	1		3	4	5	☼	A	G
91* 23 504	80* 19 508	Chama	Chamita_8400' 0.4" .4" *%							-92.48 | -0.02		0	Wunder					☼		
624	620	Chama, El Vado(I,II,III)Đ				122	508%	-18	-3%	0.8	P	0	1			4	5	☼	A	G
120* 32 85	106* 30 91	Rio Grande	Wolf Creek Summit_11000' 2" 1.8" 59*%							0.31 | 1.28		0	Wunder					☼		
	762	NF Rio Grande, Wagon Wheel(II)[1]										0						☼	A	Q
138	158	Rio Grande, Birds of Prey(II,III)				149	106%	-81	-37%	-7.8		0	1			4	5	☼	A	G
277	266	Rio Grande, Lw Box(III,IV)				350	76%	-76	-22%	-6.4		0	1	2		4	5	☼	A	G
18.2 2.2 31 51 39.7	Swe" Precip" MinF MaxF AvgF	**Oregon** **81 Snotel SItes**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		15.3	84.1%	0.06 -0.55		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	ORWSC	
4845	4860	Deschutes, Lower(III,III+)				4960	98%	-48	-1%	-17.1		0	1	2	3	4	5	☼	A	G
773	815	Grande Ronde(II,III,+)				881	93%	-24	-3%	-15.0		0	1	2	3	4	5	☼	A	G
* 82 82	* 79 91	John Day	Arbuckle Mtn_5770' 0.2" .2" *%							0.00 | -1.46			Wunder					☼		
325	353	John Day(II,III)				386	91%	-57	-15%	-4.0		0	1	2	3	4	5	☼	A	G
* 44 110	* 42 113	Owyhee	South Mtn._6500' 0" 0" *%							0.00 | -1.48		0	Wunder					☼		
187	184	Owyhee(II-V)				163	113%	14	8%	1.4		0	1			4	5	☼	A	G
220* 57 76	230* 54 75	Rogue,Umpqua	Summit Lake_5610' 1.1" .6" 110*%							14.26 | -1.93		0	Wunder					☼		
100	99	Illinois(IV,V)				171	58%	-16	-14%	-5.2		0	1	2	3	4	5	☼	A	G
1816	1810	Rogue(II+,III,IV)				1970	92%	-206	-10%	-21.1	P	0	1		3	4	5	☼	A	G
110 4.3 20 42 29.4	Swe" Rain" MinF MaxF AvgF	**Utah** **128 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		102.5	93.6%	5.50 -1.05		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	UTWSC	
400* 54 40	300* 48 32	Dirty Devil	Dills Camp_9228' 0.9" .9" 450*%							80.00 | 1.38		0	Wunder					☼		
	Ice	Muddy Ck(I,II,III)				11						0			3			☼	A	
29.40	27.80	Dirty Devil(I,I+)				86	32%	6	27%	0.6					3	4	5	☼	A	G
140* 22 *	83* 17 *	Escalante	Clayton Springs_10049' 0.2" .2" 50*%							34.50 | 0.63			Wunder					☼		
	Ice	Escalante(II,III)				6				-0.1					3	4	5	☼	A	G
202* 91 92	163* 86 92	Green River,Lower	Indian Creek_9425' 2.6" 2.5" 124*%							-3.32 | 1.08		0	Wunder					☼		
1132	924	Green,Flaming Gorge A,B,C,D(I,II,III)Rs				1620	57%	-2	0%	0.0		0	1	Đ	3	4	5	☼	A	G
1132	924	Green,Lodore(III+,IV)Rs				1620	57%	-2	0%	0.0	P	0	1	Đ	3	4	5	☼	A	G
	Ice	Yampa,Deerlodge(III,,III+)				516					P		1	2	3	4	5	☼	A	G
1572	1880	Green,Echo Park[Jensen](III+,IV)				2050	92%	-36	-2%	-0.8	P		1	Đ	3	4	5	☼	A	G
	Ice	White,Rangely[Blw Boise Ck](II)				460				1.1		0	1	2	3	4	5	☼	A	G
2500	2430	Green,Deso Gray(II+,III)				2980	82%	37	1%	7.2	P	0	1		3	4	5	☼	A	G
2784	2760	Green,Labyrinth(I)				3000	92%	86	3%	7.0	P		1			4	5	☼	A	G
2784	2760	Green,Stillwater(I)				3000	92%	86	3%	7.0	P		1			4	5	☼	A	G
4995	4970	Colorado,Westwater(III+,IV+)				4230	117%	995	25%	71.8	P	0	1		3	4	5	☼	A	G
5169	5080	Colorado,Moab Daily(Cisco)				3990	127%													
5034	5130	Colorado,Potash(I)				4510	114%	960	24%	63.4						4	5	☼	A	G
7819	7890	Colorado,Cataract(IV,V)				7510		1046	15%	70.4	P	0						☼	A	
67* 24 77	57* 22 78	W San Juan Mtns	Molas Lake_10500' 0.9" .9" 90*%							-2.53 | 0.94		0	Wunder					☼		Q
715	738	San Juan,Bluff,UT(II,III)				951	78%	-109	-13%	-1.4	P	0	1		3	4	5	☼	A	G
49.8 2.5 32 47 38.4	Swe" Precip" MinF MaxF AvgF	**Washington** **115 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		36.0	72.3%	-0.54 -0.40		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	WAWSC	
208* 109 *	180* 104 *	Wenatchee	Stevens Pass_3950' 0.1" .1" *%							-137.49 | 0.05		0	Wunder					☼		
216 3.0 10 31 19.1	Swe" Precip" MinF MaxF AvgF	**Wyoming** **89 Snotel Sites**	AWA	Dream	USGS	NRCS Forecast Map 2019 Runoff		168.5	77.9%	10.89 -1.49		S-to-F	Snotel	SWE	CoCoRS		INDEX	NRCS	WYWSC	
3247	3200	Bighorn(I+)				2740	117%	201	7%	5.0			1	Đ		4	5	☼		G
198* 105 88	187* 100 90	Snake	Lewis Lake Divide_7850' 1.6" 1.6" 145*%							-4.38 | 1.66		0	Wunder					☼		
1674	1700	Snake,Alpine Canyon(III)				1880	90%	-323	-16%	-30.1		0	1		3	4	5	☼	A	G
164* 87 *	150* 81 *	Green River,Upper	Spring Creek Divide_9000' 2.7" 2.2" 225*%							-4.16 | 2.48		0	Wunder					☼		
		Texas	AWA		USGS										CoCoRS		INDEX		TXWSC	
456	460	Rio Grande,Castolon				631	73%	78	21%					M	M			☼	A	G
482	487	Rio Grande,Rio Grande Village(I-III)				743	66%	345	251%	11.7			1	M	M	4	5	☼	A	G
Nov 2019 7,000 12,640 625kaf	Dec 2019 0,000 00,000 750kaf	Grand Canyon, Lee's FerryRs				Bureau of Reclamation Glen Canyon Dam Operations Report October 11, 2019(Updated mid-month)					P	0	1			4	5	☼	A	
		Grand Canyon,Abv Diamond CkRs				Aug 2019 m-f 11,000 19,000 ss 11,750 860kaf	Sep 2019 8,380 14,530 687kaf	Oct 2019 6,740 12,500 625kaf	Nov 2019 7,000 12,640 625kaf	Dec 2019 0,000 00,000 750kaf	P		G	G	G			☼	☼	☼
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
		Start Time: 7:49:00 AM End Time: 8:15:39 AM Elapsed time: 26.65 Hyperlinks: 2102																		