Safety is your responsibility!
Research rivers carefully!
Assess your skills properly!
Maintain your equipment!
Consider your team!
Respect team limitations!
Confirm team procedures!
Prevent spread of invasive species!
Have fun!

The River and Snow Report

Vital Statistics, Analysis and Hyperlinks for Select Western Rivers

For Optimal Hyperlink Performance, Download PDF Report to your Computer

THE RIVER NIGHT SKY
7/9-new Moon; 7/17-¼ 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

Hyper-matrix: 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 | 1

Hyper-matrix (River/Weather/Snowpack Hyperlinks) (see Key to Symbols Below) | NRCS Runoff Forecast | Opensnow | Wild Fires Map

Column heads (row 2): Bureau of Rec | USDA | Forecast | Charts | Precip | GOES IV | GOES | Aviation | NOAA | NCAR | 2 | NOAA | NICC | NRL | NOHRSC | SWE | WYTD | Stormsur | ECMWF | Permits | CRBFC | Drought | NOAA | NSIDC | Rec.gov | AWA | DRE | RMS

Daily flows and snotel data

Underlined Rivers Hyperlink to USGS WaterWatch Detailed Statistical Analysis	6/28 Mon	6/29 Tue	6/30 Wed	7/1 Thu	7/2 Fri	7/3 Sat	7/4 Sun	7/5 Mon	7/6 Tue	7/7 Wed	7/8 Thu	7/9 Fri	7/10 Sat	7/11 Sun	7/12 Mon	7/13 06:12
Colorado; North to South 114 Snotel Sites@10188'	. 9.2 37 60 46.3	. 12.5 40 60 48.1	. 10.9 41 64 50.7	. 7.0 45 65 52.7	.3 10.6 45 68 54.6	2.3 2.7 46 72 57.7	1.6 3.4 47 73 59.4	1.7 23.6 47 72 56.0	2.5 2.7 46 69 56.5	1.6 1.2 45 73 58.2	1.5 2.3 49 76 60.8	1.9 2.4 52 78 62.9	2.2 2.1 48 74 59.7	1.7 1.2 47 72 57.9	1.4 2.7 47 73 59.2	Swe" Precip" MinF MaxF AvgF
Green River,Upper 13@8682'	* 78 34	* 78 32	* 78 32	* 78 34	* 78 36	* 78 36	* 78 36	* 78 36	* 79 36	* 80 37	* 78 37	* 79 39	* 79 39	* 78 38	* 78 40	* 78 40
Green,Lodore[Greendale](III+,IV)Rs	835	830	834	840	846	842	842	845	844	843	846	843	844	844	844	805
Green,Echo Park(Jensen)(III+,IV)	1530	1426	1464	1530	1529	1464	1409	1376	1337	1310	1283	1235	1192	1149	1124	1090
Yampa and White 20@9222'	* 70 29	* 70 29	* 70 31	* 71 33	* 71 38	* 71 36	* 71 35	* 71 35	* 70 33	* 70 32	* 70 30	* 70 28	* 70 27	* 70 26	* 70 27	* 70 27
White,Rangely(II)	337	304	310	344	413	376	345	321	299	276						Eqp
White,Rangely[Blw Boise Ck](II)	337	304	310	344	413	376	345	321	299	276						Eqp
Yampa,Cross Mtn(IV,V)	432	467	438	361	334	321	287	299	252	217	186	165	144	123	103	95
Yampa,Deerlodge(III,III+)	405	478	522	500	425	400	372	338	331	286	246	217	183	157	131	108
N Platte 12@9766'	* 82 45	* 82 44	* 83 42	* 83 39	* 83 41	* 83 59	* 82 55	* 82 44	* 83 41	* 82 41	* 82 35	* 82 30	* 82 26	* 82 24	* 80 22	* 81 20
N Platte,Northgate(II,IV-)	391	363	327	314	349	396	343	277	242	225	193	162	135	119	113	106
Colorado 31@10059'	* 76 33	* 76 34	* 78 35	* 79 39	* 78 42	* 78 43	* 78 43	* 78 43	* 78 45	* 78 46	* 77 46	* 77 47	* 77 48	* 77 48	* 76 51	* 76 53
Eagle,Avon(Dowd Chute)(III,IV,V)	396	348	333	523	442	400	344	319	339	297	266	246	227	209	199	180
Eagle,Gypsum(II,III+)	600	518	490	663	658	602	524	476	489	454	397	366	342	316	297	293
Roaring Fk,Cemetary(II,III)	1224	1120	1211	1146	1084	1037	1001	961	1070	1011	914	847	769	730	730	712
Blue,Blue River CG(II+,III,IV-)Đ	109	137	179	219	233	232	232	228	239	231	217	201	185	171	155	138
Blue,Green Mtn(III)Đ	114	184	161	108	106	103	100	101	100	116	176	295	341	402	502	520
Colorado,Pumphouse(II+,III)	561	579	618	594	610	646	587	620	696	699	620	715	760	769	892	915
Colorado,Rodeo[Catamount](III)	680	615	674	684	649	693	680	634	696	762	692	678	794	798	876	971
Colorado,Shoshone[Dotsero](III-,IV,V)	1424	1305	1271	1439	1490	1416	1371	1252	1286	1321	1260	1149	1204	1217	1216	1330
Colorado,Ruby-Horsethief(I,II+)	3841	3480	3124	3056	3091	3143	2909	2921	2535	2438	2504	2365	2227	2120	2169	2110
Colorado,Westwater(III+,IV+)	3841	3480	3124	3056	3091	3143	2909	2921	2535	2438	2504	2365	2227	2120	2169	2110
Gunnison	* 74 47	* 75 45	* 78 45	* 80* 48	* 76 50	* 76 55	* 76 55	* 75 56	* 76 59	* 76 59	* 75 60	* 74 57	* 74 60	* 74 64	* 74 65	* 74 66
Taylor,Lower(Almont)(II,III+)	369	360	354	360	382	388	380	379	403	384	368	354	349	342	331	324
Gunnison[Gunnison](II,III)	740	682	646	644	642	638	604	592	632	584	549	530	522	507	488	470
Gunnison, Gorge(III,IV)Đ	655	656	657	657	657	658	658	658	658	658	658	659	659	659	659	660
Gunnison,Delta(II-,III-)	905	859	868	897	864	839	837	812	791	786	798	806	829	845	858	868
Arkansas 9@10722'	* 93 81	* 93 80	* 93 75	* 93 72	* 94 85	* 93 69	* 93 63	* 92 61	* 93 61	* 93 62	* 93 58	* 92 64	* 92 64	* 92 67	* 92 66	* 91 67
Arkansas,Numbers(III,IV)	976	906	835	796	746	620	594	559	578	512	513	577	576	589	595	605
Arkansas,Browns(III,IV-)	1235	1155	1076	993	1013	906	823	794	824	803	698	774	763	763	759	765
Arkansas,Gorge(III,IV)	1422	1311	1214	1139	1249	1085	953	910	881	979	822	798	831	813	812	791
S Platte 22@10226'	* 96 113	* 96 63	* 96 68	* 96 104	* 96 76	* 96 64	* 96 75	* 96 125	* 97 154	* 97 167	* 97 103	* 97 73	* 97 68	* 96 64	* 96 69	* 96 57
S Platte,Union Chutes(III)Đ	164	190	180	223	135	182	234	285	270	288	178	121	112	125	127	126
S Platte,Confluence Pk(II,III)Đ	125	27	162	359	60	14	203	403	490	739	429	293	265	251	258	261
NF S Platte,Bailey[1](IV,V) Đ																81
Bear Ck[1](III,IV,V)																26
Clear Ck,Golden(III,IV,V)	486	410	400	389	390	362	342	339	435	366	330	303	290	266	245	226
Boulder Ck, Lower(II,III,IV,V)	294	234	202	296	285	237	203	181	166	142	119	94	73	71	56	43
Poudre,Rock Report(feet)[3]																
Poudre,Lower[1](II,III,IV,V)																272
W San Juan Mtns 18@10405'	* 71 42	* 72 46	* 73 48	* 73 50	* 73 49	* 73 52	* 73 53	* 73 51	* 73 53	* 73 53	* 73 52	* 73 51	* 73 50	* 73 49	* 73 47	* 72 47
Piedra(III,IV,V)	154	166	178	160	144	152	145	127	122	118	101	92	86	78	72	68
Animas,Silverton(IV,V)	332	345	348	339	317	304	292	285	270	252	237	224	212	199	189	185
Animas,Durango(III,III+)	619	618	710	709	644	607	566	533	546	497	467	441	409	368	333	331
San Juan,Archuletta(II)Đ	497	496	498	502	501	502	501	570	603	602	603	604	603	604	604	603
San Juan,Bluff,UT(II,III)	654	729	758	782	756	866	826	745	712	635	651	673	640	580	557	528
Doloras 18@10405'	* 71 31	* 72 28	* 73 29	* 73 24	* 73 39	* 73 37	* 73 32	* 73 30	* 73 30	* 73 23	* 73 17	* 73 16	* 73 13	* 73 13	* 73 14	* 72 13
San Miguel, Placerville																
Dolores,McPhee[1](II+,III,IV)Đ																80.8
Dolores,[Cisco](IV)	157	140	126	125	169	148	120	107	98	81	73	63	59	54	49	44
Arizona 39 Snotel Sites@8104'	.8 .5 50 74 61.0	.5 2.5 49 70 57.7	.6 5.6 48 70 56.9	.5 3.7 51 73 60.7	.7 1.7 54 74 62.3	.6 2.4 53 75 62.0	.7 4.3 55 76 62.6	.6 2.8 56 77 65.0	.5 1.3 55 82 68.0	.4 .9 56 82 68.1	.4 .5 56 83 68.0	.5 1.4 57 86 69.7	.5 2.1 61 88 70.8	.7 2.5 57 87 71.2	.7 3.6 56 81 66.6	Swe" Precip" MinF MaxF AvgF
Verde River Basin	* 54* 95	* 54* 98	* 54* 96	* 56* 122	* 57* 111	* 56* 108	* 57* 108	* 57* 102	* 58* 104	* 57* 105	* 57* 86	* 57* 88	* 57* 81	* 57* 81	* 56* 72	* 57* 69
Verde,Camp Verde(I-V)	59	58	54	66	67	62	62	64	70	74	59	56	53	57	56	54
Verde,Abv Horseshoe Reservoir(I-III)	70	74	85	89	80	85	87	82	78	77	81	84	77	80	75	76
Salt-White Mtns																
Salt(III,IV) MUSSELS! DCD	63	65	151	83	81	89	99	233	123	132	117			152		140
California(SNOTEL only) 75 Snotel Sites@7075'	. .6 55 83 68.1	. 2.7 54 81 66.1	. 5.0 52 76 62.9	. 1.4 51 76 62.4	. 1.6 51 78 63.1	. 4.2 51 78 62.6	. 1.3 50 75 61.9	. .0 51 79 64.6	. .0 53 80 65.6	. .1 52 78 65.5	. .3 54 80 66.8	. .7 54 83 68.1	. .1 57 84 70.2	. .2 57 84 69.8	. .2 57 84 70.1	Swe" Precip" MinF MaxF AvgF
Lake Tahoe - Truckee	* 53 *	* 53 *	* 53 *	* 53 *	* 53 *	* 53 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *
Truckee																
Tuolumne(IV+)																
Idaho 82 Snotel Sites@7111'	. .0 51 85 69.2	3.8 .2 45 86 71.5	. .9 49 85 69.6	3.8 3.4 52 81 65.8	3.8 2.0 52 81 66.2	. .5 53 83 67.5	3.8 2.8 54 81 66.9	. 1.3 53 80 65.5	. .1 52 84 68.4	. .3 55 82 67.9	. .2 51 80 65.4	.1 .1 52 80 65.3	.2 .2 51 83 67.3	.3 .3 55 84 68.3	.2 2.6 54 85 68.8	Swe" Precip" MinF MaxF AvgF
Owyhee 8@6518'	* 65 21	* 65 21	* 65 22	* 64 21	* 65 19	* 65 24	* 65 23	* 65 23	* 65 25	* 66 25	* 65 24	* 65 25	* 65 24	* 65 26	* 65 22	* 65 22
Jarbidge/Bruneau(II+,IV+)	94	90	86	80	78	84	77	76	73	68	63	65	63	58	54	47
Clearwater 16@5429'	50* 87 56	* 87 57	* 86 56	* 86 56	* 86 58	* 86 53	* 86 51	* 86 51	* 86 50	* 86 51	* 86 52	* 86 52	* 85 53	* 85 52	* 85 52	* 86 53
Lochsa(II-IV+)	2363	2211	2040	1896	1921	1739	1591	1477	1384	1307	1258	1187	1123	1067	1021	984
Selway,Paradise(IV-,V)(feet)																
Selway,Selway Falls(IV-,V)	3435	3187	2930	2709	2613	2392	2212	2062	1932	1825	1748	1655	1568	1498	1433	1390
Salmon 22@7418'	* 72 40	* 72 41	* 73 39	* 72 40	* 72 43	* 72 44	* 72 44	* 72 47	* 72 46	* 73 46	* 73 46	* 72 46	* 72 42	* 72 43	* 72 44	* 72 44
SF Salmon(III-V)	289	274	261	271	258	242	227	217	208	199	191	186	183	178	173	168
MF Salmon,Lodge(III,IV,IV+)	969	933	905	905	939	897	856	844	809	784	759	744	731	719	703	690
MF Salmon,Lodge(III,IV,IV+)(feet)	2.02	1.99	1.96	1.96	1.99	1.95	1.91	1.89	1.86	1.83	1.80	1.78	1.77	1.75	1.74	1.72
MF Salmon,Mouth(III,IV,IV+)	1936	1855	1782	1734	1756	1726	1633	1623	1554	1493	1437	1403	1374	1352	1318	1300
Panther Ck, Cobalt(III)	65	63	61	61	60	60	58	62	56	54		50	48	48	47	46
M Salmon,Shoup(III,IV)	1615	1552	1492	1404	1366	1371	1352	1423	1439	1375	1253	1190	1154	1124	1101	1060
M Salmon,Corn Ck(III,IV)	3616	3470	3335	3198	3183	3157	3042	3108	3049	2923	2690	2643	2576	2525	2466	2406
M Salmon,White Bird(III,IV)	7835	7429	7061	6878	6726	6460	6214	5947	5819	5708	5511	5225	5030	4885	4759	4680
Payette 12@6122'	* 72 52	* 72 53	* 72 55	* 72 60	* 72 64	* 72 63	* 72 64	* 72 64	* 72 65	* 72 65	* 71 66	* 72 67	* 72 68	* 72 67	* 72 67	* 72 68
SF Payette,Lowman(III-IV)	631	614	600	603	597	561	549	537	527	509	494	481	470	460	450	430
Main Payette,Horseshoe Bend(I-III,III+)	3483	3438	3463	3578	3674	3611	3580	3544	3530	3500	3463	3440	3417	3400	3383	3370
Upper Snake - Henrys - Teton 8@7683'	2* 79 *	2* 78 *	1* 78 *	2* 78 *	3* 79 *	2* 78 *	4* 78 *	8* 78 *	6* 79 *	2* 79 *	3* 79 *	5* 78 *	10* 78 *	100* 78 *	* 77 *	* 78 *
Snake,Hell's Canyon(III,IV)Rs	11344	9440	11071	10591	9056	7716	7671	9898	10572	11029	10768	9396	11068	10742	12694	6660
Montana 90 Snotel Sites	. 1.1 49 80 64.2	. .5 53 83 67.6	. .5 52 83 67.6	. 5.8 52 82 65.1	. 1.1 51 80 64.8	. 1.8 53 81 66.1	. 4.0 52 80 64.1	. 4.1 50 72 59.8	. .4 49 79 63.5	. 2.1 50 79 62.1	. .3 48 75 61.2	. .6 48 74 59.8	. .6 47 79 62.9	. .4 50 79 63.6	. .9 49 79 63.3	Swe" Precip" MinF MaxF AvgF
Pend Oreille - Flathead	2* 94 79	2* 93 78	4* 93 77	3* 93 75	10* 92 78	17* 93 74	100* 93 67	* 92 64	* 92 64	* 92 64	* 92 60	* 92 59	* 92 56	* 92 54	* 91 54	* 91 55
MF Flathead(III+,IV+)	4939	4803	4606	4307	4125	3931	3573	3279	3081	2905	2703	2522	2380	2265	2148	2080
Smith	* 81 21	* 80 21	* 81 21	* 81 23	* 80 23	* 80 25	* 81 23	* 81 24	* 80 27	* 79 27	* 79 32	* 79 31	* 78 34	* 78 28	* 78 27	* 78 29
Smith(II)	78	75	73	72	72	70	68	71	72	70	76	71	69	59	56	55
Nevada 54 Snotel Sites	. .1 56 79 67.9	. .7 55 80 67.5	. 3.3 53 75 62.9	. 2.5 52 75 62.1	. .8 52 78 65.0	. .3 55 80 67.3	. 2.9 54 76 63.9	. .1 53 80 66.6	. 2.7 57 83 69.7	.2 .7 59 83 71.5	.2 2.8 57 83 70.9	.1 2.0 57 84 70.6	.1 .9 60 86 72.7	.2 2.0 60 86 72.7	. .6 60 86 72.8	Swe" Precip" MinF MaxF AvgF
Owyhee 8@6518'	* 65 21	* 65 21	* 65 22	* 64 21	* 65 19	* 65 24	* 65 23	* 65 23	* 65 25	* 66 25	* 65 24	* 65 25	* 65 24	* 65 26	* 65 22	* 65 22
Jarbidge/Bruneau(II+,IV+)	94	90	86	80	78	84	77	76	73	68	63	65	63	58	54	47
Lake Tahoe	* 53 *	* 53 *	* 53 *	* 53 *	* 53 *	* 53 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *	* 54 *
New Mexico 27 Snotel Sites	1.8 5.6 42 56 48.3	1.7 8.9 43 53 48.6	2.1 5.0 45 60 52.2	1.9 4.4 47 66 56.3	1.7 5.3 48 69 57.3	1.8 3.1 48 70 58.5	1.7 4.8 49 74 61.3	1.6 4.3 49 73 58.5	1.5 6.3 48 71 58.6	1.5 2.0 47 70 58.3	1.4 1.2 48 76 61.4	1.4 2.0 52 79 64.2	1.3 1.8 51 81 65.8	1.2 4.3 49 70 59.6	1.3 1.9 48 71 58.9	Swe" Precip" MinF MaxF AvgF
San Francisco,Glenwood(II,III)	9.5	14.9	7.4	6.9	11.1	9.2	5.0	0.0	9.6	8.9	1.5	0.6	0.2	0.2	0.0	0.1
San Francisco,Clifton(II+)	8.3	8.0	27.5	41.4	41.8	94.1	80.5	343.5	336.4	246.7	312.8	181.9	138.5	186.6	218.2	129.0
Gila, Datile Volcanic Field	* 56 27	* 57 30	* 59 36	* 59 40	* 61 42	* 62 83	* 64 75	* 66 65	* 66 63	* 64 109	* 64 104	* 64 93	* 66 72	* 66 59	* 66 69	* 67 63
Gila,Wilderness Run(II,III)	13.7	15.5	19.2	23.9	25.8	30.0	30.6	33.8	35.3	56.7	67.6	54.8	42.6	36.5	43.4	39.2
Gila, Middle Box(II,III+)	4	4	5	5	5	36	13	12	14	27	16	13	11	10	13	15
Chama	* 78 82	* 79 98	* 79 62	* 80 59	* 80 54	* 80 90	* 79 89	* 81 103	* 80 23	* 81 28	* 80 29	* 81 29	* 80 143	* 80 127	* 80 19	* 80 19
Chama, El Vado(I,II,III)Đ	510	393	299	298	409	497	496	312	101	100	100	321	497	303	93	94
Rio Grande Headwaters 16@10765'	* 85 72	* 85 81	* 86 84	* 87 89	* 88 78	* 88 62	* 88 60	* 88 62	* 88 62	* 88 56	* 86 54	* 86 52	* 86 50	* 86 54	* 85 61	* 85 63
NF Rio Grande, Wagon Wheel(II)[1]																762
Rio Grande, Birds of Prey(II,III)	267	271	278	265	209	169	157	148	127	120	120	116	120	129	135	138
Rio Grande, Lw Box(III,IV)	468	468	466	469	425	363	328	317	314	293	282	274	265	272	279	286
Oregon 81 Snotel SItes	.2 .0 64 93 78.1	. .1 61 91 75.1	. 1.4 57 83 69.3	. 1.1 55 79 65.5	. .2 54 81 66.6	. .2 54 83 67.7	. .3 53 80 65.9	. .2 51 82 66.4	. .1 54 85 69.2	.1 1.6 51 76 63.2	.1 .5 48 77 61.9	.1 .5 47 83 65.4	.3 .1 54 83 67.8	.1 2.3 52 82 66.6	.4 1.4 53 81 66.5	Swe" Precip" MinF MaxF AvgF
Deschutes, Lower(III,III+)	4258	4273	4269	4267	4275	4210	4163	4150	4134	4101	4095	4100	4095	4096	4100	4110
Grande Ronde(II,III,+)	1899	1750	1603	1513	1374	1232	1112	1038	945	859	823	776	725	683	650	653
John Day 13@5462'	* 77 29	* 77 29	* 77 28	* 77 28	* 77 29	* 76 27	* 76 28	* 76 31	* 76 29	* 76 29	* 76 28	* 76 26	* 76 26	* 76 27	* 76 27	* 76 27
John Day(II,III)	310	286	261	250	236	215	210	210	190	173	156	141	137	133	125	119
Owyhee 8@6518'	* 65 36	* 65 30	* 65 26	* 64 29	* 65 29	* 65 27	* 65 28	* 65 32	* 65 32	* 66 29	* 65 44	* 65 52	* 65 49	* 65 54	* 65 53	* 65 51
Owyhee(II-V)	97	81	72	71	70	66	67	78	72	66	103	108	106	111	107	102
Rogue,Umpqua 12@5268'	0* 71 66	0* 69 66	* 69 65	* 69 63	* 69 62	* 69 61	* 69 62	* 69 65	* 69 65	* 69 64	* 68 65	* 69 65	* 69 65	* 68 67	* 68 67	* 69 68
Illinois(IV,V)	92	86	85	82	77	67	66	65	64	60	59	57	56	57	56	55
Rogue(II+,III,IV)	1866	1861	1795	1727	1703	1695	1695	1711	1719	1692	1682	1675	1676	1655	1685	1710
Utah 128 Snotel Sites	. .7 47 69 58.1	. 8.5 46 69 56.1	. 13.7 46 66 54.8	. 4.5 48 70 58.0	. 2.2 50 74 61.4	. 1.1 52 78 64.4	. 4.5 52 79 64.7	. 2.9 51 75 62.7	. .2 50 78 64.6	2.6 .8 54 82 67.7	2.5 .5 58 83 69.7	2.8 2.0 56 83 69.4	4.4 1.1 53 80 66.7	4.7 .3 55 81 67.6	4.8 2.3 56 81 67.6	Swe" Rain" MinF MaxF AvgF
Dirty Devil	* 65 47	* 65 64	* 66 166	* 66 42	* 66 399	* 66 203	* 66 215	* 66 73	* 66 54	* 66 58	* 66 36	* 65 31	* 65 28	* 65 28	* 66* 28	* 65 28
Muddy Ck(I,II,III) MUSSELS! DCD	21.9	51.7	18.9	18.9	18.3	17.7	16.9	16.3	16.8	25.1	24.1	23.0	22.7	22.1	22.0	21.9
Dirty Devil(I,I+) MUSSELS! DCD	4.3	5.0	4.0	24.8	28.2	17.9	12.4	6.1	3.5	2.9	1.5	0.8	0.2			0.0
Escalante	* 56 11	* 56 *	* 57 26	* 58 10	* 57 9	* 57 11	* 57 10	* 57 10	* 57 13	* 56 10	* 56 7	* 56 10	* 56 10	* 55 10	* 52* 10	* 56 10
Escalante(II,III) MUSSELS! DCD	0.2	45.1	0.4	0.8	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Green River,Lower 11@	* 85 39	* 84 41	* 84 39	* 85 37	* 86 35	* 86 34	* 86 34	* 86 34	* 86 34	* 86 34	* 86 34	* 86 35	* 85 34	* 85 33	* 85 33	* 85 34
Green,Flaming Gorge A,B,C,D(I,II,III)Rs	835	830	834	840	846	842	842	845	844	843	846	843	844	844	844	805
Green,Lodore[Greendale](III+,IV)Rs	835	830	834	840	846	842	842	845	844	843	846	843	844	844	844	805
Yampa,Deerlodge(III,III+)	405	478	522	500	425	400	372	338	331	286	246	217	183	157	131	108
Green,Echo Park[Jensen](III+,IV)	1530	1426	1464	1530	1529	1464	1409	1376	1337	1310	1283	1235	1192	1149	1124	1090
Green,Deso Gray[Green River](II+,III)	5004	4006	3379	2661	2190	1965	1911	1898	1903	1879	1775	1679	1599	1505	1464	1400
Green,Labyrinth(I)	4659	4675	3746	3010	2417	1946	1711	1600	1567	1554	1532	1461	1349	1310	1310	1310
Green,Stillwater(I)	4659	4675	3746	3010	2417	1946	1711	1600	1567	1554	1532	1461	1349	1310	1310	1310
Colorado,Westwater(III+,IV+)	3841	3480	3124	3056	3091	3143	2909	2921	2535	2438	2504	2365	2227	2120	2169	2110
Colorado,Moab Daily(Cisco)	3888	3624	3215	3044	3149	3078	3019	2819	2755	2393	2455	2379	2237	2120	2094	2150
Colorado,Potash(I)	4044	3922	3653	3292	3194	3263	3259	3087	2969	2707	2465	2515	2446	2330	2437	2520
Colorado,Cataract(IV,V) MUSSELS! DCD	8703	8597	7399	6303	5611	5209	4970	4687	4536	4261	3997	3976	3796	3640	3747	3830
W San Juan Mtns 18@10405'	* 71 20	* 72 30	* 73 34	* 73 36	* 73 35	* 73 41	* 73 43	* 73 39	* 73 39	* 73 41	* 73 41	* 73 42	* 73 43	* 73 37	* 73 35	* 72 36
San Juan,Bluff,UT(II,III) MUSSELS! DCD	654	729	758	782	756	866	826	745	712	635	651	673	640	580	557	528
Washington 115 Snotel Sites	93.1 .0 59 92 79.9	80.9 .0 59 93 78.7	66.5 .0 52 79 67.8	57.6 .6 53 68 59.9	53.1 .2 53 70 60.4	48.3 .1 54 74 62.8	41.2 .0 53 73 62.1	34.4 .0 53 74 62.3	27.6 .1 54 79 65.4	20.1 .5 51 66 58.0	14.9 .4 48 69 57.2	12. .1 50 76 62.1	9.1 .1 54 75 63.7	4.5 .1 52 75 63.0	2.4 1.5 54 76 63.9	Swe" Precip" MinF MaxF AvgF
Wenatchee Headwaters	0* 101 *	0* 101 *	1* 101 *	0* 99 *	0* 99 *	0* 99 *	0* 99 *	* 99 *	* 99 *	* 99 *	* 99 *	* 99 *	* 99 *	* 99 *	* 99 *	* 99 *
Wyoming 89 Snotel Sites	. 3.2 42 65 52.8	. .6 41 70 55.4	. 2.0 44 71 56.8	. 3.6 46 71 56.7	.2 6.9 46 73 58.5	.2 4.6 47 75 60.7	.1 2.7 49 77 61.5	.2 10.5 48 72 58.2	.1 2.4 45 72 57.6	.4 3.0 46 77 61.2	.6 .7 50 78 63.5	.5 .8 48 77 62.4	.5 1.1 44 74 58.4	.4 1.7 45 75 59.7	.6 2.2 48 78 62.9	Swe" Precip" MinF MaxF AvgF
Bighorn(I+)	1766	1765	1753	1755	1754	1744	1746	1742	1736	1738	1730	1724	1725	1718	1731	1760
Snake	10* 79 61	10* 78 57	11* 79 58	13* 79 63	16* 79 68	18* 78 74	24* 79 71	33* 79 72	9* 79 74	10* 80 85	13* 79 87	21* 79 89	40* 79 89	400* 79 89	* 79 90	* 79 90
Snake,Alpine Canyon(III)	6912	6729	6596	6998	7036	6955	6883	6837	6863	7631	7687	7517	7350	7264	7253	7150
Green River,Upper 13@8682'	* 78 *	* 78 *	* 78 *	* 78 *	* 78 *	* 78 *	* 78 *	* 78 *	* 79 *	* 80 *	* 78 *	* 79 *	* 79 *	* 78 *	* 78 *	* 78 *
Texas																
Rio Grande,Castolon	2509	4831	2576	2132	537	816	683	475	267	255	168	78	48	35	144	844
Rio Grande,Rio Grande Village(I-III)				2320	1358	613	1089	1068	593	351	322	228	148	113	110	346
Grand Canyon MUSSELS! DCD Rs	Apr 2020 7,470 12,320 630kaf	May 2020 6,990 12,660 630kaf	Jun 2020 m-f 8,065 14,560 ss 8,815 650kaf	Jul 2020 m-f 8,530 16,030 ss 9,280 750kaf	Aug 2020 m-f 9,880 17,880 ss 10,630 835kaf	Sep 2020 7,057 12,474 602kaf	Oct 2020 6,988 12,758 640kaf	Nov 2020 7,021 12,781 640kaf	Dec 2020 8,027 14,350 720kaf	Jan 2021 9,284 16,151 763kaf	Feb 2021 9,422 15,497 675kaf	Mar 2021 8,589 14,674 700kaf	Apr 2021 8,000 13,651 628kaf	May 2021 7,300-12,953 (28th-4th 8,000) 628kaf	Jun 2021 7,359 13,869 651kaf	Jul 2021 9,300? 16,2000? 766kaf
Grand Canyon MUSSELS! DCD Rs																
1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Current statistics and hyper-matrix

Row	Underlined states=>WW Map Underlined basins=>NRCS Map Underlined rivers=>Dreamgraphs	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	Hyper-matrix (cols 30–39)	Hyper-matrix (cols 41–59)
3	Colorado; North to South 114 Snotel Sites@10188' (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		1.4	96.2%	0.04 0.90	Snotel SWE CoCoRa CAIC INDEX NRCS COWSC QPF	CAIC WYTD CO DW Water Watch
4	Green River,Upper	Loomis Park_8240' 0" 0" *%			SWE	# | 0.05	Wunder ☼	
5	Green,Lodore[Greendale](III+,IV)Rs	1640	49%	9	1%	0.8	P 0 1 Đ 3 4 5 ☼ A G	B @ C X R W J D D O ® ® P ☺ S
6	Green,Echo Park(Jensen)(III+,IV)	3640	30%	-406	-27%	-29.1	P 1 Đ 3 4 5 ☼ A G	B @ C X W J D D O ® ® P ☺ S
7	Yampa and White	Rabbit Ears_9400' -M" 0" *%			SWE	0.00 | 0.00	Wunder ☼ Q	
8	White,Rangely(II) Eqp	627	42%			-3.4	0 2 3 4 5 ☼ A G	B @ C 1 J M
9	White,Rangely[Blw Boise Ck](II) Eqp	627	42%			-3.4	0 1 2 3 4 5 ☼ A G	B @ C J M ☺
10	Yampa,Cross Mtn(IV,V)	1000	9%	-329	-76%	-26.1	0 1 3 4 5 ☼ A G	B @ C Ӿ J D
11	Yampa,Deerlodge(III,,III+)	888	12%	-273	-68%	-26.7	P 0 2 3 4 5 ☼ A G	B @ 1 X R W J D D D O ® P ☺ S
12	N Platte	Tower_10500' 0" 0" *%				0.00 | -0.08	Wunder ☼	N N N
13	N Platte,Northgate(II,IV-)	540	20%	-277	-71%	-21.0	0 1 2 4 5 ☼ A G	B @ C Ӿ M
14	Colorado,Headwaters	Berthoud Summit_11300' 0" 0" *%				0.00 | 0.00	Wunder Đ Đ ☼ Q	
15	Eagle,Avon(Dowd Chute)(III,IV,V)	384	47%	-197	-50%	-16.4	2 3 4 5 ☼ A G	B @ C 1
16	Eagle,Gypsum(II,III+)	798	37%	-303	-51%	-22.8	0 1 3 4 5 ☼ A G	B @ C
17	Roaring Fk,Cemetary(II,III)	1760	40%	-493	-40%	-34.6	0 1 3 4 5 ☼ A G	B @ C Ӿ D
18	Blue,Blue River CG(II+,III,IV-)Đ	354	39%	46	42%	1.6	0 1 Đ 3 4 5 ☼ A G	B @ C Ӿ O
19	Blue,Green Mtn(III)Đ	584	89%	388	340%	21.1	0 1 Đ 3 4 5 ☼ A G	B @ C V Ӿ
20	Colorado,Pumphouse(II+,III)	1100	83%	331	59%	17.5	1 3 4 5 ☼ A G	B @ C Ӿ Ӿ J O O D D O O
21	Colorado,Rodeo[Catamount](III)	1500	65%	196	29%	11.9	4 5 ☼	Ӿ J O O D D
22	Colorado,Shoshone[Dotsero](III-,IV,V)	2440	55%	-208	-15%	-15.9	0 1 3 4 5 ☼ A G	B @ C J D D
23	Colorado,Ruby-Horsethief(I,II+)	5300	40%	-1673	-44%	-109.5	P 0 1 3 4 5 ☼ A G	B @ C R X J D D ® P ☺ S
24	Colorado,Westwater(III+,IV+)	5300	40%	-1673	-44%	-109.5	P 0 1 3 4 5 ☼ A G	B @ C R X J D D ® ® P ☺ S
25	Gunnison	Schofield Pass_10700' 0" 0" *%				0.00 | -0.10	Wunder ☼ Q	N
26	Taylor,Lower(II,III+)	485	67%	-38	-10%	-1.6	0 1 3 4 5 ☼ A G	B @ C Ӿ
27	Gunnison[Gunnison](II,III)	1000	47%	-252	-34%	-15.2	0 1 3 4 5 ☼ A G	B @ C J
28	Gunnison, Gorge[Tunnel](III,IV)Đ	916	72%	3	1%	0.2	1 Đ 3 4 5 ☼ A G	B @ C J O O
29	Gunnison,Delta(II-,III-)	1100	79%	-47	-5%	-4.7	0 1 3 4 5 ☼ A G	B @ C @ J O O
30	Arkansas	Fremont Pass_11400' 0" 0" *%				0.00 | -0.06	Wunder ☼ Q	N N N N N
31	Arkansas,Numbers(III,IV)	709	85%	-382	-39%	-27.4	0 4 5 ☼ A G	B @ C D J D O O
32	Arkansas,Browns(III,IV-)	1270	60%	-476	-39%	-33.1	0 4 5 ☼ A G	B @ C D D J D O O O
33	Arkansas,Parkdale(Gorge)(III,IV)	1390	57%	-610	-43%	-43.2	0 1 2 4 5 ☼ A G	B @ C D Ӿ D J D O O
34	S Platte	Hoosier Pass_11400' 0" 0" *%				0.00 | 0.07	Wunder ☼ Q	
35	S Platte,Union Chutes(III)Đ	192	66%	-37	-22%	-3.6	0 4 5 ☼ A G	B @ C Ӿ Ӿ Ӿ Ӿ Ӿ Ӿ
36	S Platte,Confluence Pk(II,III)Đ	337	77%	133	106%	19.2	0 4 5 ☼ A G	B @ C Ӿ Ӿ Ӿ Ӿ Ӿ Ӿ
37	NF S Platte,Bailey[1](IV,V)Đ						☼ A Q	B @ C
38	Bear Ck[1](III,IV,V)						0 1 2 ☼ A Q	B C
39	Clear Ck,Golden(III,IV,V)	392	58%	-241	-50%	-12.6	0 1 4 5 ☼ A G	N @ N B C
40	Boulder Ck, Lower(II,III,IV,V)	168	26%	-238	-81%	-17.2	0 4 5 ☼ A G	B C
41	Poudre,Rock Report(feet)[3]			0			☼ A	B @ C
42	Poudre,Lower[1](II,III,IV,V)						0 1 2 ☼ A Q	B @ C
43	W San Juan Mtns	Molas Lake_10500' -M" 0" *%				0.00 | 0.10	Wunder ☼ Q	
44	Piedra(III,IV,V)	201	34%	-82	-53%	-7.4	0 3 ☼ A G	B @ C
45	Animas,Silverton(IV,V)	401	46%	-143	-43%	-12.1	4 5 ☼ A G	B @ C M
46	Animas,Durango(III,III+)	1019	32%	-286	-46%	-24.5	0 2 3 4 5 ☼ A G	B @ C
47	San Juan,Archuletta(II)Đ	685	88%	107	22%	10.5	1 2 Đ Đ 5 ☼ A G	C Ӿ
48	San Juan,Bluff,UT(II,III)	1460	36%	-97	-15%	-12.4	P 0 1 3 4 5 ☼ A G	B @ C R O D D ® ® P ☺ S
49	Doloras	Lizard Head Pass_10200' 0" 0" *%				0.00 | 0.10	Wunder ☼ Q	
50	San Miguel, Placerville						0	
51	Dolores,McPhee[1](II+,III,IV)Đ						0 1 3 Đ Đ ☼ A Q	B @ C R D D ® ®
52	Dolores,[Ciscoe](IV)	345	13%	-107	-69%	-8.2	1 3 4 5 ☼ G	B @ C D D ® ® S
53	Arizona 39 Snotel Sites@8104' (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		-0.1	-14.3%	-0.01 0.93	Snotel SWE CoCoRa INDEX NRCS AZWSC QPF	WYTD Water Watch Z
54	Verde River Basin	Mormon Mtn Summit_8500' -M" 0" *%				0.00 | 0.21	Wunder ☼ ✹	
55	Verde,Camp Verde(I-V)	77	71%	-3	-5%	-0.2	1 3 4 5 ☼ A G	B @ C V T K O
56	Verde,Abv Horseshoe Reservoir(I-III)	111	68%	5	8%	0.0	0 1 3 4 5 ☼ A G	B @ C V T K O
57	Salt-White Mtns	Hannagan Meadows_9020' 0" 0" *%				0.00 | #	Wunder ☼ ✹	
58	Salt(III,IV) MUSSELS! DCD	143	98%			6.3	P 0 1 3 4 5 ☼ A G	B @ C X R T M D ® ® P ☺ S
59	California(SNOTEL only) 75 Snotel Sites@7075' (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.0	-50.0%	SWE? 0.41	Snotel SWE CoCoRa INDEX NRCS CAWSC	WYTD Ventura Water Watch Z
60	Lake Tahoe - Truckee	Echo Peak_7653' 0" 0" *%				0.00 | 0.09	Wunder ☼	
61	Truckee						0	O ® P S
62	Tuolumne(IV+)						P	O ® P S
63	Idaho 82 Snotel Sites@7111' (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.2	-2.6%	-0.36 -0.13	Snotel SWE CoCoRa INDEX NRCS IDWSC QPF	IPOWE WYTD Water Watch Z
64	Owyhee	Fawn Creek_7031' 0" 0" *%			SWE	0.00 | 0.02	Wunder ☼	
65	Jarbidge/Bruneau(II+,IV+)	208	22%	-41	-43%	-2.6	0 1 2 3 4 5 ☼ A G	B @ Z R T V M O S
66	Clearwater	Lolo Pass_5240' -M" 0" *%				36.00 | -0.11	Wunder ☼	
67	Lochsa(II-IV+)	1840	53%	-1342	-57%	-95.5	0 1 3 4 5 ☼ A G	B @
68	Selway,Paradise(IV-,V)(feet)						P 3 ☼ A	B @ X R T V D ® P ☺ S
69	Selway,Selway Falls(IV-,V)	2660	52%	-2003	-58%	-140.0	P 0 1 2 3 4 5 ☼ A G	B @ X T V D ® P ☺ S
70	Salmon	Deadwood Summit_6860' 0" 0" *%				0.00 | -0.02	Wunder ☼	Z
71	SF Salmon(III-V)	400	42%	-116	-40%	-8.7	0 1 4 5 ☼ A G	B @ V Z T M
72	MF Salmon,Lodge(III,IV,IV+)	1380	50%	-266	-27%	-19.6	P 0 1 2 3 4 5 ☼ A G	B @ X R W Z T D D ® ® P ☺ S
73	MF Salmon,Lodge(III,IV,IV+)(feet)	1380		-0.29	-14%	0.0	P 1 2 3 ☼ A G	B @ X R W Z T D D ® ® P ☺ S
74	MF Salmon,Mouth(III,IV,IV+)	2570	51%	-618	-32%	-43.6	P 4 5 ☼ A G	B @ X R W Z T D D ® ® P ☺ S
75	Panther Ck, Cobalt(III)	84	55%				4 5 ☼ A G	@ Z
76	M Salmon,Shoup(III,IV)	3850	28%	-514	-32%	-32.0	0 1 2 3 4 5 ☼ A G	B @ O
77	M Salmon,Corn Ck(III,IV)	6420		-1149	-32%	-77.4	P ☼ A	B @ X R W Z D O ® ® P ☺ S
78	M Salmon,White Bird(III,IV)	11600	40%	-3076	-39%	-211.1	0 1 2 3 4 5 ☼ A G	B @ X R O O
78	Payette	Deadwood Summit_6860' 0" 0" *%			SWE	0.00 | -0.01	Wunder ☼	
78	SF Payette,Lowman(III-IV)	1070	40%	-181	-29%	-13.4	0 1 2 3 4 5 ☼ A G	
78	Main Payette,Horseshoe Bend(I-III,III+)	3540	95%	-99	-3%	-9.3	0 1 2 3 4 5 ☼ A G	
79	Upper Snake - Henrys - Teton	Grand Targhee_9260' 0" 0" *%				2.77 | -0.05	Wunder ☼	
80	Snake,Hell's Canyon(III,IV)Rs	---		1350	12%	96.9	P I Đ 4 5 ☼ A G	B @ X R D O ® P ☺ S
81	Montana 90 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.0	20.0%	SWE? -0.34	Snotel SWE CoCoRa INDEX NRCS MTWSC	WYTD Water Watch
82	Pend Oreille - Flathead	Noisy Basin_6040' 0" 0" *%				9.42 | -0.15	Wunder ☼	
83	MF Flathead(III+,IV+)	3810	55%	-2791	-57%	-213.7	0 1 2 3 4 5 ☼ A G	B @ M O
84	Smith	Spur Park_8100' 0" 0" *%				0.00 | -0.21	Wunder ☼	
85	Smith(II)	191	29%	-22	-28%	-0.9	P 0 1 4 5 ☼ A G	B @ R W K O ® P ☺ S
86	Nevada 54 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.0	-100.0%	-0.01 0.64	Snotel SWE CoCoRa INDEX NVWSC QPF	WYTD Water Watch
87	Owyhee	Fawn Creek_7031' 0" 0" *%			SWE	0.00 | 0.02	Wunder ☼	
88	Jarbidge/Bruneau(II+,IV+)	208	22%	-41	-43%	-2.6	0 1 2 3 4 5 ☼ A G	B @ Z R T V M O S
89	Lake Tahoe	Echo Peak_7653' 0" 0" *%				0.00 | 0.09	Wunder ☼	
90	New Mexico 27 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		-0.5	-38.5%	-0.05 0.89	Snotel SWE CoCoRa INDEX NRCS NMWSC QPF	Dist 5 Dist 6 WYTD Water Watch
91	San Francisco,Glenwood(II,III)	20	1%	-9	-100%	-0.9	0 1 3 4 5 ☼ A G	C K
92	San Francisco,Clifton(II+)	47	274%		2515%	18.0	1 3 4 5 ☼ A G	C K
93	Gila	Silver Creek Divide_9000' 0" 0" *%				0.00 | 0.76	Wunder ☼	
94	Gila,Wilderness Run(II,III)	42	93%	30	216%	2.7	0 1 3 4 5 ☼ A G	@ C M K T
95	Gila, Middle Box(II,III+)	45	33%	9	240%	0.6	0 1 3 4 5 ☼ A G	@ C
96	Chama	Chamita_8400' 0" 0" *%				0.00 | 0.16	Wunder ☼	
97	Chama, El Vado(I,II,III)Đ	485	19%	-417	-82%	-16.1	P 0 1 4 5 ☼ A G	B @ D ® ® P ☺ S
98	Rio Grande Headwaters	Wolf Creek Summit_11000' 0" 0" *%				0.00 | 0.05	Wunder ☼	
99	NF Rio Grande, Wagon Wheel(II)[1]						0 ☼ A Q	@ C
100	Rio Grande, Birds of Prey(II,III)	236	58%	-132	-50%	-12.7	0 1 4 5 ☼ A G	@
101	Rio Grande, Lw Box(III,IV)	425	67%	-189	-40%	-17.4	0 1 2 4 5 ☼ A G	B @
102	Oregon 81 Snotel SItes (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.2	50.0%	0.01 -0.57	Snotel SWE CoCoRa INDEX NRCS ORWSC QPF	WYTD Water Watch Z
103	Deschutes, Lower(III,III+)	4600	89%	-158	-4%	-16.0	0 1 2 3 4 5 ☼ A G	B @ R Z ® S
104	Grande Ronde(II,III,+)	2010	32%	-1249	-66%	-89.5	0 1 2 3 4 5 ☼ A G	B @ R Z
105	John Day	Arbuckle Mtn_5770' 0" 0" *%				0.00 | -0.09	Wunder ☼	
106	John Day(II,III)	441	27%	-185	-60%	-12.9	0 1 2 3 4 5 ☼ A G	@ R Z
107	Owyhee	Fawn Creek_7031' 0" 0" *%			SWE	0.00 | 0.02	Wunder ☼	
108	Owyhee(II-V)	201	51%	10	10%	2.4	0 1 4 5 ☼ A G	B @ Z T T S
109	Rogue,Umpqua	Summit Lake_5610' 0" 0" *%				0.00 | -0.16	0 Wunder ☼	
110	Illinois(IV,V)	97	56%	-36	-39%	-2.7	0 1 2 3 4 5 ☼ A G	B @ R M Z T M
111	Rogue(II+,III,IV)	2120	81%	-181	-10%	-12.0	P 0 1 3 4 5 ☼ A G	B @ R X Z T T D D ® O ® P ☺ S
112	Utah 128 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		4.8	94.1%	0.55 0.97	Snotel SWE CoCoRa INDEX NRCS UTWSC QPF	Site Basin UoU WYTD Water Watch
113	Dirty Devil	Dills Camp_9228' 0" 0" *%				# | -0.01	Wunder ☼	
114	Muddy Ck(I,II,III) MUSSELS! DCD	55	40%				0 3 ☼ A	B C M M M M
115	Dirty Devil(I,I+) MUSSELS! DCD	3	17%			-1.0	0 3 4 5 ☼ A G	B K
116	Escalante	Clayton Springs_10049' 0" 0" *%				# | -0.17	Wunder ☼	
117	Escalante(II,III) MUSSELS! DCD	1	10%	0	-17%	-1.0	3 4 5 ☼ A G	B K O O T
118	Green River,Lower	Indian Creek_9425' 0.1" .1" *%				# | 0.05	Wunder ☼	
119	Green,Flaming Gorge A,B,C,D(I,II,III)Rs	1640	49%	9	1%	0.8	0 1 Đ 3 4 5 ☼ A G	B @ J O O D D D
120	Green,Lodore(III+,IV)Rs	1640	49%	9	1%	0.8	P 0 1 Đ 3 4 5 ☼ A G	B @ J X R W D D O ® ® P ☺ S
121	Yampa,Deerlodge(III,,III+)	888	12%	-273	-68%		P 0 1 2 3 4 5 ☼ A G	B @ J X R W J D D O ® ® P ☺ S
122	Green,Echo Park[Jensen](III+,IV)	3640	30%	-406	-27%	-29.1	P 1 Đ 3 4 5 ☼ A G	B @ X W D D O ® ® P ☺ S
123	Green,Deso Gray[Green River](II+,III)	6010	23%	-3540	-71%	-193.0	P 0 1 3 4 5 ☼ A G	B @ X R W J D D D O ® P ☺ S
124	Green,Labyrinth(I)	3970	33%	-3349	-72%	-233.5	P 1 4 5 ☼ A G	B @ X R J D D D ® P S
125	Green,Stillwater(I)	3970	33%	-3349	-72%	-233.5	P 1 4 5 ☼ A G	B @ X R J D D ® P S
126	Colorado,Westwater(III+,IV+)	5300	40%	-1673	-44%	-109.5	P 0 1 3 4 5 ☼ A G	B @ C X R J D D D ® P ☺ S
127	Colorado,Moab Daily(Cisco)	7430	29%					
128	Colorado,Potash(I)	5830	43%	-1608	-40%	-119.8	4 5 ☼ A G	B @ X J D D ® S
129	Colorado,Cataract(IV,V) MUSSELS! DCD	9800		-4956	-57%	-353.3	P 0 ☼ A	B @ X R J D D ⌂ ⌂ ⌂ ® ® P ☺ S
130	W San Juan Mtns	Molas Lake_10500' -M" 0" *%				0.00 | 0.10	Wunder ☼ Q	
131	San Juan,Bluff,UT(II,III) MUSSELS! DCD	1460	36%	-97	-15%	-12.4	P 0 1 3 4 5 ☼ A G	B @ C R O D D ® ® P ☺ S
132	Washington 115 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		-90.7	-3779.2%	-6.24 -0.84	Snotel SWE CoCoRa INDEX NRCS WAWSC QPF	WYTD Water Watch Z
133	Wenatchee	Stevens Pass_3950' 0" 0" *%				-0.10 | -0.14	Wunder ☼	
134	Wyoming 89 Snotel Sites (AWA Dream USGS)	NRCS Forecast Map 2019 Runoff		0.6	93.3%	0.05 0.50	Snotel SWE CoCoRa INDEX NRCS WYWSC QPF	WYTD Water Watch
135	Bighorn(I+)	4760	37%	-35	-2%	-3.2	0 1 Đ 4 5 ☼ G	Ӿ
136	Snake	Lewis Lake Divide_7850' 0" 0" *%				10.64 | 0.03	Wunder ☼	
137	Snake,Alpine Canyon(III)	7920	90%	341	5%	52.6	0 1 3 4 5 ☼ A G	B @ O
138	Green River,Upper	Spring Creek Divide_9000' 0" 0" *%				# | 0.05	Wunder ☼	
139	Texas (AWA USGS)						CoCoRa INDEX TXWSC	Water Watch
140	Rio Grande,Castolon	203	416%	-2365	-94%		M M ☼ A G	C N A A A ®
141	Rio Grande,Rio Grande Village(I-III)	290	119%			-159.3	1 M M 4 5 ☼ A G	B C A A A ® ® S
142								
143								
144	Grand Canyon, Lee's FerryRs MUSSELS! DCD	Bureau of Reclamation Glen Canyon Dam Operations Report June 14, 2021(Updated mid-month)					P 0 1 4 5 ☼ A	B @ R W SWE D D D D D C Đ X P
145	Grand Canyon,Abv Diamond CkRs MUSSELS! DCD	Mar 2021 8,589 14,674 700kaf	Apr 2021 8,000 13,651 628kaf	May 2021 7,300-12,953 (28th-4th 8,000) 628kaf	Jun 2021 7,359 13,869 651kaf	Jul 2021 9,300? 16,2000? 766kaf	P G G G Wunder ☼ ☼ ☼	G G RRFW GC GCPBA Hayes GeoTripper GCMRC ® ® P ☺ S
146	21	25	26	27	28	29	30 31 32 33 34 35 36 37 38 39	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59
147	Start Time: 6:12:08 AM End Time: 6:27:12 AM Elapsed time: 15.06667 Hyperlinks: 2154							141

Links

American Whitewater	American Canoe Association	High Country River Rafters	River Management Society	GCPBA Grand Canyon Private Boaters Association	Grand Canyon River Guides	Mountain Buzz	Pikes Peak Whitewater Club	Poudre Paddlers Canoe and Kayak Club	Colorado Whitewater Association	Adobe Whitewater Club of New Mexico	Utah Whitewater Club	Water Trail Nebraska	Rocky Mountain Sea Kayak Club	Rocky Mountain Canoe Club	142
Steve Rekuc, Rivermaps.co Interactive map of Whitewater River of West US	Paddling.com	GCPBA links	Tom Martin RRFW	Grand Canyon River Outfitters Association	PaddleOn Southwest Boating Guide	Rivergeek	Marek Uliasz Mountain Wayfarer	Colorado Plateau River Guides	Bill Herring The Ozark Whitewater Page	Mark Zen's Hypothermia Fundamentals	Idaho Whitewater Association	Front Range Paddle Sports Meetup	Canoe Colorado	Colorado Fishing Atlas	143
Colorado River District	CO-Northern Water	Denver Water	Colorado Park and Wildlife	National Wildfire Coordinationg Group	Recreation.gov	Western Regional Climate Center	PRISM Climate Group	Colorado Division of Water Resources	New Mexico Real-Time Water Measurement	Arizona Water Science Center	Sierra Rescue	Colorado River Oufitters Association(CROA)	Willamette Kayak and Canoe Club	Fish Explorer	144
Chris Shackleton Dreamflows	Brad Goettemoeller AllAboutRivers	Dwain Whitis Rivermaps.net	Marc McCord Southwest Paddler	RiverBrain	Jerry Nolan's Local River Guide	Canoe & Kayak	Will Hansen Rafting the West	Will Hansen Whitewater Campsites	Bill Tuthill California(and other) Creeks	Bob Foot Online	Marty Bell Poudre Rock Report	Jeffrey Creamer Videos aka Buzzer MT4Runner	Friends of the Yampa	California Forum Boof.com	145
Bill Tuthill California(and other) Creeks	Gary Valle' S. California Creek'in	Jason Rackley Oregon(other)	Rocky Contos Rivers of Mexico	Chris Bidwell Riverlogs	Riley Adams Vimeo	Todd Martin's Desert Hiking Guide	Troutmap.com	Whitewater Voyages	Darin Mcquoid Rivers of the World(and more!)	Darin Mcquoid Whitewater Photography Tutorial	Wet State Daniel Brasuell	Whitewater Guidebook Zach Collier	SouthwestGuideBook.com River_gear.html	Georgia Water Trails	146
Community Collaborative Rain, Hail & Snow Network (CoCoRaHS)	Stream Tracker Project	Colorado Avalanche Information Center	Southeast Arizona Wildflowers	Doloras River Boating Associates	Pacific Freeflow Newsletter	Professor Paddle	Northern Idaho Rivers Todd Hoffman	Eastern Colorado Wildflowers	Colorado Birding Society Rare Bird Alerts	USGS National Geologic Map Database	Trout Unlimited	Mayan Whitewater.com	Idaho Canoe Kayak Sup Club	Michael Lanza The Big Outside	147
CuriosityStream.com	4=USGS Water Watch Raster Hydrograph	INDEX=USGS Stream Flow Index	SWE The inches of water in the snow-pack if it was melted.	James Hodge Grand Junction Cycling	Best Kayaking in Wyoming	Bivy.Com	Washington Recreational River Runners(WRRR)	The Vitural Fossil Museum	StarDate.org Nightsky	Astronomy.com Observing the Sky	Spaceweather.com auroras and more	NOAA Space Weather Prediction Center	Upper Colorado Stake Holders Group	Riverflows.net	148
Raft Idaho	Quebec Whitewater	Facebook-QuebecWhitewater	The River Radius Podcast	Hammer Factor Webcasts	Gear Garage Northwest Rafting Company	River Talk Podcast	River Bend Radio	Waterbound Ted and Linc	Jurrassic Reimagined Morrison Formation Video	Snowpack Surveys an Inexact Science		Reservoir Control Center US Army Corps of Engineers	Go Light Outdoors	GeoTripper	148

Increase in flow	>0%	>10%	>20%	>30%	from previous day or long term average
Decrease in flow	>0%	>10%	>20%	>30%	

Data Hyperlinks and acknowledgements: 0, NRCS SWE-Q(Snow-to-Flow) graph; 1, NOAA hydrograph and river forecast; 2, NOAA long-range river forecast; 3, NOAA Basin Forecast Center river forecast; 4, USGS Waterwatch Raster Hydrograph; 5, USGS Waterwatch Average Daily Flow for life of gage; ☼, Gaging location weather from weather.gov; A, American Whitewater Association; G, United States Geological Survery; Q, State Division of Water Resources(Colorado Division of Water Resources); N, NOAA River Forecast Hydrograph; @, All About Rivers, Brad Goettemoeller; R, Rafting the West-Will Hansen; W, White Water Campsites-Will Hansen; X, GPX waypoints downloadable into handheld GPS, mostly from Rivermaps(contact me if you need assistence); C, SouthWest Paddler-Marc W. McCord; T, CA Creeks-Bill Tuthill; P, Dreamflows Permit Info; S, River Management Society Permit Info; I, Idaho Power; F, US Forest Service; O, Official website where information, permits and maps may be obtained; M,Miscellaneous map, guide or trip report of significance; D, Guidebook or map available from Downriver Equipment; V, Various other sources of information; K, Canoe and Kayak Magazine; B, RiverBrain website; ®, Regulations; J, Local River Guide, Jerry Nolan; Ӿ, Fishing Info; Đ, Dam Release Info; Z, Whitewater Guidebook, Zach Collier.

MUSSELS! DCD Mussel comtamination! Drain, Clean and Dry after use! | LINK1 | LINK2 | LINK3

Grateful for feedback, support, pronostication and commiseration from: Chris Shackleton at Dreamflows.com; Beau Uriona NRCS SLC-Utah Data Collection Office; Rashawn Tama NRCS Portland-Water and Climate Center; Susan Novak Behery BOR Durango-Western Colorado Area Office; Paula Galloway CSU/NPS; Donald Sullivan USFS Tonto National Forest; Carter Freericks DRE; Cori Peter DRE; Zach Svoboda DRE; Peg Young; Alisa Mast USGS; Andrew Halperin; Logan Gill and many others including Mountain Buzz contributors AndyH, KayakingKate and F.A.A.C. Slim, WaterDude, caverdan.

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