The River and Snow Report

Vital Statistics, Analysis and Hyperlinks for Select Western Rivers

For Optimal Hyperlink Performance, Download PDF Report to your Computer

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 NIGHT SKY
3/18-full Moon; 3/25-¾ Moon; 4/1-new Moon; 4/5am-Venus+Mars+Saturn; 4/9-¼ Moon; 4/16-full Moon; 4/22±7-Lyrid@18hr; 4/23-¾ Moon; 4/30-new Moon; 5/8-¼ Moon; 5/16-full Moon; 4/30am-Venus+Jupiter; 5/22-¾ Moon; 5/30-new Moon; 6/7-¼ Moon; 6/14-full Moon; 6/20-¾ 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 | 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

Hyper-matrix (River/Weather/Snowpack Hyperlinks) (see Key to Symbols Below)

Underlined Rivers Hyperlink to USGS WaterWatch Detailed Statistical Analysis

Underlined states=>WW Map; Underlined basins=>NRCS Map; Underlined rivers=>Dreamgraphs

Boney! / Recommended / Reconsider!

River	3/8 Tue	3/9 Wed	3/10 Thu	3/11 Fri	3/12 Sat	3/13 Sun	3/14 Mon	3/15 Tue	3/16 Wed	3/17 Thu	3/18 Fri	3/19 Sat	3/20 Sun	3/21 Mon	3/22 Tue	3/23 07:35	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	Row
																						1
																						2
Colorado; North to South 114 Snotel Sites@10188'	1460 10.1 / -2 25 / 10.8	1458 33.1 / 7 25 / 15.7	1495 9.2 / -2 20 / 8.8	1501 7.2 / -3 22 / 8.8	1509 7.1 / 11 38 / 24.2	1522 13.4 / 16 42 / 28.0	1531 3.5 / 15 39 / 25.7	1536 4.7 / 18 46 / 32.0	1544 21.0 / 22 42 / 30.8	1565 15.6 / 11 32 / 21.8	1578 3.3 / 9 36 / 21.9	1580 5.4 / 14 43 / 29.0	1587 3.2 / 23 43 / 33.2	1586 9.2 / 14 33 / 24.9	1631 6.7 / 11 28 / 20.3	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		171.1	10.5%	10.88 / 1.11	3
Green River,Upper 13@8682'																	Loomis Park 8240' 0" 0" * %			SWE	# | #	4
Green,Lodore[Greendale](III+,IV)	859	861	860	858	856	860	860	860	861	862	862	863	865	865	863	860	1019	84%	4	0%	0.4	5
Green,Echo Park(Jensen)(III+,IV)	1648	1784	1509	1405	1434	1403	1373	1403	1450	1761	1993	2107	2091	2033	2070	1900	2740	69%	422	26%	45.1	6
Yampa and White 20@9222'																	Rabbit Ears 9400' 0.1" .1" * %			SWE	0.00 | #	7
White,Rangely(II)																***	463	100%				8
White,Rangely[Blw Boise Ck](II)																***	463	100%				9
Yampa,Cross Mtn(IV,V)																Ice	666					10
Yampa,Deerlodge(III,III+)																Ice	1380					11
N Platte 12@9766'																	Tower 10500' 0.1" .1" 100* %				0.00 | #	12
N Platte,Northgate(II,IV-)																Ice	170					13
Colorado 31@10059' [Colorado,Headwaters]																	Berthoud Summit 11300' 0.1" 0" * %				0.00 | #	14
Eagle,Avon(Dowd Chute)(III,IV,V)	56	59	58	54	62	58	60	57	59	59	56	58	60	61	58	56	85	66%	2	3%	0.1	15
Eagle,Gypsum(II,III+)	132	136	135	119	142	142	143	144	148	149	141	139	144	147	142	133	193	69%	11	8%	1.0	16
Roaring Fk,Cemetary(II,III)	319	346	342	292	337	347	357	348	357	374	355	349	357	357	350	342	541	63%	31	10%	2.5	17
Blue,Blue River CG(II+,III,IV-)	77	73	73	73	73	72	72	77	79	79	79	79	79	79	75	71	77	92%	-2	-3%	0.4	18
Blue,Green Mtn(III)	203	201	203	201	182	181	182	181	182	180	179	182	183	195	212	211	263	80%	9	4%	-0.6	19
Colorado,Pumphouse(II+,III)																Bkw	588	83%				20
Colorado,Rodeo[Catamount](III)																Ice	575					21
Colorado,Shoshone[Dotsero](III-,IV,V)	723	789	718	682	772	773	808	781	815	813	779	788	814	841	804	808	1010	80%	82	11%	6.8	22
Colorado,Ruby-Horsethief(I,II+)	2257	2157	2119	2186	2080	1975	2150	2233	2304	2349	2397	2484	2321	2382	2408	2410	3510	69%	152	7%	23.1	23
Colorado,Westwater(III+,IV+)	2257	2157	2119	2186	2080	1975	2150	2233	2304	2349	2397	2484	2321	2382	2408	2410	3510	69%	152	7%	23.1	24
Gunnison																	Schofield Pass 10700' 0" 0" * %				0.00 | #	25
Taylor,Lower(Almont)(II,III+)																Ice	124					26
Gunnison[Gunnison](II,III)																Ice	243					27
Gunnison, Gorge(III,IV) [Gunnison, Gorge[Tunnel](III,IV)]	330	357	357	357	357	358	358	415	410	461	465	470	470	482	472	473	600	79%	142	43%	11.9	28
Gunnison,Delta(II-,III-)	485	509	525	502	502	531	537	549	664	748	748	747	751	759	751	739	1140	65%	267	55%	24.2	29
Arkansas 9@10722'																	Fremont Pass 11400' 0.1" .1" 100* %				0.00 | #	30
Arkansas,Numbers(III,IV)																148	210	70%				31
Arkansas,Browns(III,IV-)																275	234	118%				32
Arkansas,Gorge(III,IV) [Arkansas,Parkdale(Gorge)((III,IV)]																350	340	103%				33
S Platte 22@10226'																	Hoosier Pass 11400' 0.1" .1" * %				0.00 | #	34
S Platte,Union Chutes(III)	33	34	38	33	38	37	36	41	45	142	117	76	71	75	72	51	59	86%	39	117%	4.7	35
S Platte,Confluence Pk(II,III)	7	7	7	7	7	7	7	7	7	196	21	7	5	6	8	8	22	35%	1	9%	1.5	36
NF S Platte,Bailey[1](IV,V)																81						37
Bear Ck[1](III,IV,V)																26						38
Clear Ck,Golden(III,IV,V)	25	30	28	32	42	43	41	38	37	40	38	38	37	44	39	37	46	79%	14	58%	0.8	39
Boulder Ck, Lower(II,III,IV,V)	6	6	6	9	7	5	4	4	5	38	14	10	10	9	6	5	32	16%	1	11%	0.5	40
Poudre,Rock Report(feet)[3]																			0			41
Poudre,Lower[1](II,III,IV,V)																272						42
W San Juan Mtns 18@10405'																	Molas Lake 10500' 0.4" .4" * %				0.00 | #	43
Piedra(III,IV,V)	97	90	91	83	73	77	87	90	103	127	120	116	131	140	151	154	316	49%	54	56%	4.6	44
Animas,Silverton(IV,V)																Ice	79					45
Animas,Durango(III,III+)	156	148	157	142	133	139	145	143	144	154	151	146	145	147	142	138	297	46%	-14	-9%	-0.3	46
San Juan,Archuletta(II)	383	383	391	384	395	393	394	394	394	356	337	337	335	337	335	338	523	65%	-48	-13%	-4.8	47
San Juan,Bluff,UT(II,III)	764	742	734	727	716	698	653	643	645	671	699	683	660	648	636	599	1240	48%	-128	-17%	-7.6	48
Doloras 18@10405'																	Lizard Head Pass 10200' 0" 0" * %				0.00 | #	49
San Miguel, Placerville																						50
Dolores,McPhee[1](II+,III,IV)																80.8						51
Dolores,[Cisco](IV)	124	120	114	108	110	105	101	108	111	111	116	112	85	65	67	67	289	23%	-57	-46%	-2.9	52
Arizona 39 Snotel Sites@8104'	107 .8 / 13 41 / 26.3	107 .9 / 19 45 / 32.2	107 2.9 / 21 38 / 30.8	109 .7 / 15 39 / 27.1	109 .9 / 21 52 / 35.7	109 .2 / 26 50 / 38.5	107 .0 / 28 53 / 38.6	104 .9 / 30 59 / 44.0	146 .2 / 29 52 / 42.0	92.7 .2 / 25 45 / 38.1	89.5 .1 / 26 51 / 40.3	136 .7 / 26 51 / 41.5	85. 2.1 / 28 47 / 39.2	84.1 .6 / 23 42 / 36.7	116 .7 / 27 45 / 37.4	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		9.3	8.0%	-0.46 / 0.79	53
Verde River Basin																	Mormon Mtn Summit 8500' 0" 0" * %				0.00 | #	54
Verde,Camp Verde(I-V)	341	277	250	239	232	208	202	217	231	298	346	310	286	262	228	204	457	45%	-113	-33%	0.5	55
Verde,Abv Horseshoe Reservoir(I-III)	442	402	355	330	316	306	287	280	288	303	360	399	378	361	339	313	336	93%	-103	-23%	-1.6	56
Salt-White Mtns																	Hannagan Meadows 9020' 0" 0" *%				0.00 | #	57
Salt(III,IV) MUSSELS! DCD	298	293	281	277	265	251	248	245	259	292	344	375	387	402	421	417	1140	37%	123	41%	9.9	58
California(SNOTEL only) 75 Snotel Sites@7075'	517 .5 / 21 43 / 31.4	517 .4 / 24 42 / 32.0	516 1.6 / 16 36 / 25.9	518 1.7 / 18 44 / 31.0	517 .1 / 25 48 / 35.6	515 1.2 / 26 41 / 33.3	511 2.6 / 28 48 / 37.6	506 6.7 / 29 43 / 36.5	506 .1 / 26 44 / 34.9	501 .2 / 24 42 / 35.0	496 1.3 / 25 49 / 37.6	490 4.7 / 24 41 / 34.7	502 .3 / 22 39 / 32.5	493 2.6 / 25 46 / 36.6	490 .1 / 30 50 / 42.7	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		-26.9	-5.5%	-2.18 / 0.58	59
Lake Tahoe - Truckee																	Echo Peak 7653' 0.4" .4" * %				0.00 | #	60
Truckee																						61
Tuolumne(IV+)																						62
Idaho 82 Snotel Sites@7111'	1316 13.1 / 15 32 / 24.1	1331 5.6 / 2 25 / 13.8	1337 3.2 / -2 27 / 12.7	1339 6.1 / 12 35 / 24.9	1344 5.4 / 26 47 / 35.3	1348 18.1 / 25 39 / 31.1	1363 7.2 / 23 41 / 32.2	1373 31.3 / 28 41 / 33.7	1399 6.3 / 21 38 / 29.3	1404 5.0 / 17 43 / 29.4	1405 5.0 / 26 44 / 33.9	1406 9.2 / 27 46 / 35.7	1408 6.0 / 18 35 / 26.8	1411 3.8 / 18 38 / 28.0	1414 4.8 / 26 46 / 34.9	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		97.9	6.9%	7.57 / 0.94	63
Owyhee 8@6518'																	Fawn Creek 7031' 0.2" .2" * %			SWE	0.00 | #	64
Jarbidge/Bruneau(II+,IV+)	203	203	194	164	149	149	160	179	196	283	333	322	345	347	326	301	314	96%	122	60%	14.1	65
Clearwater 16@5429'																	Lolo Pass 5240' 0" 0" * %				0.00 | #	66
Lochsa(II-IV+)	2647	2295	1996	2013	1981	2022	1925	2359	3064	2835	2770	2818	3001	2818	2626	2630	1910	138%	-21	-1%	58.5	67
Selway,Paradise(IV-,V)(feet)																						68
Selway,Selway Falls(IV-,V)	2987	2611	2205	2281	2222	2142	2055	2367	3183	3189	3123	3176	3313	3135	2937	2980	2390	125%	-50	-2%	63.7	69
Salmon 22@7418'																	Deadwood Summit 6860' 0" 0" * %				0.00 | #	70
SF Salmon(III-V)	254	237	199	220	232	225	214	232	279	256	253	263	290	275	264	284	262	108%	10	4%	4.0	71
MF Salmon,Lodge(III,IV,IV+)	540	503	415	479	515	511	483	508	550	500	522	550	614	574	574	632	636	99%	33	6%	7.2	72
MF Salmon,Lodge(III,IV,IV+)(feet)	1.57	1.52	1.40	1.49	1.54	1.54	1.50	1.53	1.59	1.52	1.55	1.59	1.67	1.62	1.62	1.69	636		0.04	3%	0.0	73
MF Salmon,Mouth(III,IV,IV+)	1041	1029	905	856	993	1006	988	976	1066	1041	985	1050	1118	1148	1095	1130	1630	69%	53	5%	10.9	74
Panther Ck, Cobalt(III)																Ice	39					75
M Salmon,Shoup(III,IV)					831	1436	1474	1432	1423	1399	1392	1366	1400	1381	1374	1380	1719	80%			19.2	76
M Salmon,Corn Ck(III,IV)	Ice	Ice	Ice	Ice	1824	2442	2462	2408	2489	2440	2377	2415	2518	2529	2469	2510	3349				33.1	77
M Salmon,White Bird(III,IV)	5022	4784	4484	4161	4129	4367	4468	4618	5120	5363	5199	5127	5338	5516	5336	5230	5470	96%	314	6%	73.5	78
Payette 12@6122'																	Deadwood Summit 6860' 0" 0" * %			SWE	0.00 | #	78
SF Payette,Lowman(III-IV)	377	363	324	345	345	357	342	370	391	375	382	396	421	414	410	485	434	112%	33	9%	5.1	78
Main Payette,Horseshoe Bend(I-III,III+)	1278	1244	1119	1102	1165	1181	1213	1310	1590	1578	1510	1566	1688	1651	1573	1640	2300	71%	295	23%	40.8	78
Upper Snake - Henrys - Teton 8@7683'																	Grand Targhee 9260' 0" 0" 0* %				0.00 | #	79
Snake,Hell's Canyon(III,IV)	10135	9300	10275	11256	9444	9539	11305	10906	10160	10185	10743	9853	9828	10459	10111	8640	---		-24	0%	10.6	80
Montana 90 Snotel Sites	1208 13.4 / -4 19 / 10.4	1223 2.9 / -11 14 / -.9	1220 4.9 / -8 21 / 7.5	1226 12.4 / 9 32 / 21.7	1236 5.2 / 27 44 / 34.1	1242 15.0 / 25 38 / 30.8	1255 9.0 / 24 40 / 31.9	1266 26.5 / 27 39 / 33.4	1295 8.0 / 21 36 / 27.2	1301 5.1 / 18 42 / 28.8	1305 6.0 / 25 41 / 31.8	1312 7.7 / 26 47 / 35.5	1342 9.7 / 16 31 / 26.3	1325 6.3 / 16 34 / 26.4	1325 5.1 / 24 44 / 33.2	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		116.8	8.8%	9.82 / 1.63	81
Pend Oreille - Flathead																	Noisy Basin 6040' 0" 0" * %				0.00 | #	82
MF Flathead(III+,IV+)	2243	1922	1757	1681	1641	1552	1462	1507	1653	1587	1565	1561	1574	1522	1476	1470	771	191%	-767	-34%	-32.6	83
Smith																	Spur Park 8100' 0.1" .1" 33* %				0.00 | #	84
Smith(II)														101	126	121	179	68%			25.8	85
Nevada 54 Snotel Sites	558 4.6 / 17 31 / 27.9	572 6.1 / 14 28 / 25.8	580 1.7 / 6 22 / 17.9	588 1.1 / 12 33 / 28.4	579 .6 / 21 42 / 38.2	567 2.8 / 20 36 / 33.9	566 .8 / 19 40 / 36.2	561 9.0 / 26 42 / 38.5	572 1.0 / 21 36 / 33.2	568 .1 / 18 38 / 33.7	566 .9 / 23 42 / 38.1	556 3.9 / 24 42 / 38.4	563 6.7 / 17 30 / 27.3	572 2.3 / 19 36 / 33.1	591 1.3 / 25 43 / 38.2	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		32.7	5.5%	-0.05 / 0.71	86
Owyhee 8@6518'																	Fawn Creek 7031' 0.2" .2" * %			SWE	0.00 | #	87
Jarbidge/Bruneau(II+,IV+)	203	203	194	164	149	149	160	179	196	283	333	322	345	347	326	301	314	96%	122	60%	14.1	88
Lake Tahoe																	Echo Peak 7653' 0.4" .4" * %				0.00 | #	89
New Mexico 27 Snotel Sites	165 1.1 / 9 30 / 19.5	166 2.0 / 14 34 / 25.3	167 11.5 / 18 32 / 25.9	179 1.0 / 10 31 / 20.8	180 1.0 / 14 44 / 29.9	180 .2 / 23 44 / 35.1	178 .0 / 22 43 / 32.9	177 1.2 / 25 50 / 39.1	232 .3 / 25 48 / 39.9	222 3.8 / 19 33 / 30.6	213 .6 / 15 36 / 32.4	200 .6 / 20 44 / 36.4	200 .8 / 24 45 / 41.2	196 4.3 / 21 35 / 31.4	185 1.4 / 15 32 / 28.8	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		20.5	11.1%	2.88 / 0.88	90
San Francisco,Glenwood(II,III)	22.4	21.0	19.2	20.7	20.2	19.0	18.6	19.4	21.1	21.4	21.7	19.0	19.4	22.1	19.7	18.2	92	20%	-3	-12%	0.0	91
San Francisco,Clifton(II+)	62.9	65.5	64.2	58.0	58.4	60.8	55.6	50.3	53.0	57.0	61.6	61.2	57.6	54.5	62.1	55.6	224	25%	-1	-1%	-0.3	92
Gila, Datile Volcanic Field [Gila]																	Silver Creek Divide 9000' 0" 0" * %				0.00 | #	93
Gila,Wilderness Run(II,III)	58.2	59.9	59.5	61.6	63.8	64.6	63.8	62.5	61.4	59.4	57.6	58.0	59.4	61.0	62.7	63.9	183	35%	4	8%	0.0	94
Gila, Middle Box(II,III+)																Bkw	246	111%				95
Chama																	Chamita 8400' 0.2" .2" * %				0.00 | #	96
Chama, El Vado(I,II,III)	96	96	95	95	96	96	96	96	96	96	58	28	28	65	100	97	193	50%	4	4%	-3.1	97
Rio Grande Headwaters 16@10765'																	Wolf Creek Summit 11000' 0" 0" * %				0.00 | #	98
NF Rio Grande, Wagon Wheel(II)[1]																762						99
Rio Grande, Birds of Prey(II,III)	364	357	349	335	317	326	321	314	318	333	344	362	371	353	351	361	458	79%	-13	-3%	0.7	100
Rio Grande, Lw Box(III,IV)	520	511	509	497	469	474	484	476	467	486	499	506	526	516	511	503	633	79%	-9	-2%	0.7	101
Oregon 81 Snotel SItes	957 14.2 / 27 38 / 32.4	970 5.5 / 17 32 / 26.6	975 7.0 / 11 40 / 26.5	982 7.0 / 26 50 / 37.9	975 17.3 / 30 52 / 40.4	979 27.0 / 30 37 / 32.7	993 20.2 / 31 45 / 38.6	1076 34.9 / 31 41 / 36.5	1068 3.6 / 27 42 / 34.5	986 5.7 / 29 45 / 36.4	975 3.4 / 31 48 / 39.1	964 19.5 / 25 39 / 34.1	970 6.1 / 22 36 / 30.0	967 22.3 / 29 41 / 35.9	953 1.5 / 34 56 / 46.1	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		-4.0	-0.4%	-0.19 / 0.55	102
Deschutes, Lower(III,III+)	5479	5373	5267	5101	5024	5017	5110	5056	5141	5140	5116	5146	5143	5153	5167	5210	6820	76%	-312	-6%	-12.1	103
Grande Ronde(II,III,+)	3384	3227	2849	2591	2489	2776	3265	4345	6007	5526	5062	4967	4772	4402	4106	4260	4620	92%	722	21%	168.5	104
John Day 13@5462'																	Arbuckle Mtn 5770' 0" 0" * %				0.00 | #	105
John Day(II,III)	1567	1621	1508	1206	1335	1491	1867	1950	3629	3395	2730	2499	2519	2375	2170	2180	3459	63%	603	38%	102.6	106
Owyhee 8@6518'																	Fawn Creek 7031' 0.2" .2" * %			SWE	0.00 | #	107
Owyhee(II-V)	964	799	704	670	574	523	828	1429	1957	3640	2791	2441	3146	2959	2142	1540	1820	85%	1178	122%	194.7	108
Rogue,Umpqua 12@5268'																	Summit Lake 5610' 0" 0" * %				0.00 | #	109
Illinois(IV,V)	420	407	398	385	379	499	637	1503	1578	1082	869	800	769	690	642	651	1600	41%	222	53%	36.9	110
Rogue(II+,III,IV)	2204	2145	2082	2031	2012	2325	2461	2796	3072	3126	2746	2573	2489	2445	2328	2250	6650	34%	125	6%	40.3	111
Utah 128 Snotel Sites	1445 29.9 / 10 30 / 20.0	1481 36.9 / 10 29 / 20.7	1524 4.4 / 2 22 / 11.7	1529 4.7 / 2 30 / 17.4	1535 3.0 / 15 43 / 28.4	1538 20.8 / 20 40 / 29.7	1564 1.4 / 15 41 / 28.3	1564 3.5 / 22 49 / 34.9	1563 11.6 / 22 40 / 30.9	1575 .7 / 16 39 / 27.0	1574 .2 / 19 42 / 29.4	1582 1.5 / 21 45 / 34.1	1564 20.1 / 19 41 / 30.1	1585 3.6 / 15 36 / 24.9	1617 2.5 / 18 36 / 26.9	Swe" Rain" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		171.7	10.6%	8.68 / 0.83	112
Dirty Devil																	Dills Camp 9228' 0" 0" * %				# | #	113
Muddy Ck(I,II,III) MUSSELS! DCD									6.3	8.5	8.4	8.4	8.0	8.2	8.1	5.2	11	47%				114
Dirty Devil(I,I+) MUSSELS! DCD	92.7	85.9	85.9	92.5	93.1	85.7	90.6	90.9	90.1	89.4	92.7	89.8	87.2	84.0	84.1	88.8	118	75%	-9	-9%	-0.3	115
Escalante																	Clayton Springs 10049' 0" 0" * %				# | #	116
Escalante(II,III) MUSSELS! DCD	1.1	1.5	1.3	0.7	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.6	0.5	0.4	0.4	7	6%	-1	-58%	-0.1	117
Green River,Lower 11@																	Indian Creek 9425' 0" 0" * %				# | #	118
Green,Flaming Gorge A,B,C,D(I,II,III)	859	861	860	858	856	860	860	860	861	862	862	863	865	865	863	860	1019	84%	4	0%	0.4	119
Green,Lodore[Greendale](III+,IV)	859	861	860	858	856	860	860	860	861	862	862	863	865	865	863	860	1019	84%	4	0%	0.4	120
Yampa,Deerlodge(III,III+)																Ice	1380					121
Green,Echo Park[Jensen](III+,IV)	1648	1784	1509	1405	1434	1403	1373	1403	1450	1761	1993	2107	2091	2033	2070	1900	2740	69%	422	26%	45.1	122
Green,Deso Gray[Green River](II+,III)	2363	2853	2822	2489	2338	2271	2098	1964	1953	1959	1985	2073	2343	2653	2699	2740	4040	68%	336	14%	-16.9	123
Green,Labyrinth(I)	2090	2313	2814	2942	2600	2349	2288	2159	2002	1962	1964	1979	2042	2253	2592	2720	3430	79%	503	24%	-26.9	124
Green,Stillwater(I)	2090	2313	2814	2942	2600	2349	2288	2159	2002	1962	1964	1979	2042	2253	2592	2720	3430	79%	503	24%	-26.9	125
Colorado,Westwater(III+,IV+)	2257	2157	2119	2186	2080	1975	2150	2233	2304	2349	2397	2484	2321	2382	2408	2410	3510	69%	152	7%	23.1	126
Colorado,Moab Daily(Cisco)	2390	2235	2174	2207	2182	2064	2074	2226	2317	2337	2394	2503	2359	2310	2382	2410	3370	72%				127
Colorado,Potash(I)	2592	2405	2270	2220	2270	2227	2104	2165	2299	2387	2411	2460	2565	2415	2382	2460	3150	78%	-210	-8%	7.0	128
Colorado,Cataract(IV,V) MUSSELS! DCD	4681	4718	5083	5162	4870	4576	4393	4324	4302	4349	4375	4439	4607	4667	4974	5180	6580		293	6%	-19.8	129
W San Juan Mtns 18@10405'																	Molas Lake 10500' 0.4" .4" * %				0.00 | #	130
San Juan,Bluff,UT(II,III) MUSSELS! DCD	764	742	734	727	716	698	653	643	645	671	699	683	660	648	636	599	1240	48%	-128	-17%	-7.6	131
Washington 115 Snotel Sites	1731 18.1 / 26 36 / 31.5	1754 1.6 / 18 31 / 23.7	1752 3.6 / 18 36 / 27.6	1758 2.4 / 28 41 / 33.9	1756 12.3 / 31 48 / 37.5	1771 25.7 / 31 41 / 35.3	1781 44.1 / 32 39 / 34.7	1822 53.1 / 32 38 / 34.2	1861 7.9 / 32 40 / 33.5	1872 10.2 / 32 40 / 34.9	1880 5.5 / 34 41 / 36.2	1881 26.6 / 28 38 / 33.0	1897 14.7 / 31 34 / 30.9	1916 28.1 / 33 40 / 35.2	1951 3.6 / 38 50 / 43.6	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		220.7	11.3%	15.65 / 0.57	132
Wenatchee Headwaters																	Stevens Pass 3950' -M " 0" * %				# | #	133
Wyoming 89 Snotel Sites	1009 24.1 / 1 23 / 12.3	1032 7.7 / -12 14 / 2.2	1037 1.1 / -15 15 / -.9	1049 14.1 / -3 23 / 12.1	1073 6.1 / 16 36 / 25.8	1083 9.4 / 19 35 / 27.4	1089 3.7 / 17 37 / 27.3	1102 5.0 / 21 43 / 32.2	1103 10.5 / 16 37 / 28.0	1104 3.0 / 9 33 / 21.6	1117 3.7 / 13 35 / 25.8	1122 5.8 / 18 42 / 31.1	1127 13.0 / 16 40 / 29.7	1132 2.2 / 9 29 / 23.2	1132 4.8 / 13 34 / 23.7	Swe" Precip" / MinF MaxF / AvgF	NRCS Forecast Map 2019 Runoff		123.3	10.9%	8.54 / 1.51	134
Bighorn(I+)	2354	2232	2238	2246	2244	2254	2271	2186	2000	1999	1997	1996	1999	1999	1999	2010	2760	73%	-355	-15%	-27.1	135
Snake																	Lewis Lake Divide 7850' 0.1" .1" * %				# | #	136
Snake,Alpine Canyon(III)	1228	1212	1113	1123	1194	1220	1201	1211	1223	1199	1181	1183	1246	1238	1208	1240	1630	76%	-21	-2%	3.0	137
Green River,Upper 13@8682'																	Spring Creek Divide 9000' 0.1" .1" * %				# | #	138
Texas																						139
Rio Grande,Castolon	24	23	24	24	24	23	21	19	18	18	17	17	15	16	15	14	86	17%	-9	-37%		140
Rio Grande,Rio Grande Village(I-III)	55	52	52	48	48	48	49	49	49	47	43	44	42	41	39	40	122	33%	-16	-29%	-0.9	141
																						142
																						143

Grand Canyon	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Site	Row
Grand Canyon MUSSELS! DCD Rs	9,422 / 15,497 / 675kaf / 2/1 3571.46'	8,589 / 14,674 / 700kaf / 3/1 3566.71'	8,000 / 13,651 / 628kaf / 4/1 3562.37'	7,300-12,953 / (28th-4th 8,000) / 628kaf / 5/1 3560.57'	7,359 / 13,869 / 651kaf / 6/1 3560.06'	8,000 / 15,650 / 767kaf / 7/1 3553.88'	8,252 / 16,252 / 801kaf / 8/1 3548.96'	7,060 / 12,656 / 623kaf / 9/1 3545.36'	6,220 / 8,965 / 481kaf / 10/1 3544.25'	6,240 / 9,870 / 500kaf / 11/1 3544.21'	6,949 / 12,349 / 600kaf / 12/1 3541.54'	87457 / 13,964 / 673kaf / 1/1 3537.0'	6,500 / 11,351 / 539kaf / 2/1 3531.4'	6,500 / 11,675 / 575kaf / 3/1 3526.80'	5,434 / 9,943 / 501kaf / 3/9 3525.66'	6,949?? / 12,349?? / 599kaf / 3/16 3525'!!	Grand Canyon, Lee's FerryRs MUSSELS! DCD — Bureau of Reclamation Mar 15, 2022(Updated mid-month)	144
Grand Canyon MUSSELS! DCD Rs																	Grand Canyon,Abv Diamond CkRs MUSSELS! DCD — Jan 2022 87457 13,964 673kaf 1/1 3537.0'; Feb 2022 6,500 11,351 539kaf 2/1 3531.4'; Mar 2022 6,500 11,675 575kaf 3/1 3526.80'; Apr 2022 5,434 9,943 501kaf 3/9 3525.66'; May 2022 6,949?? 12,349?? 599kaf 3/16 3525'!!	145

Column numbers: 1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 146, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

Start Time: 7:35:23 AM End Time: 7:45:45 AM Elapsed time: 10.36667 Hyperlinks: 2130 (147)

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 Outfitters 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	Idaho Paddlers Website	Reservoir Control Center US Army Corps of Engineers	Go Light Outdoors	GeoTripper	148

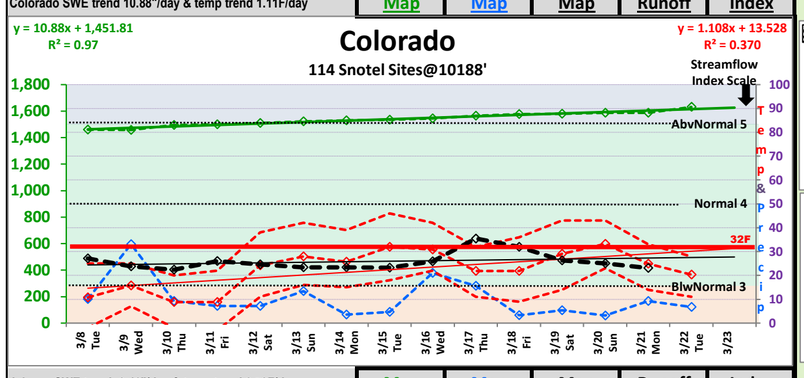
The River and Snow Report Graphs

For Optimal Hyperlink Performance, Download PDF Report to your Computer

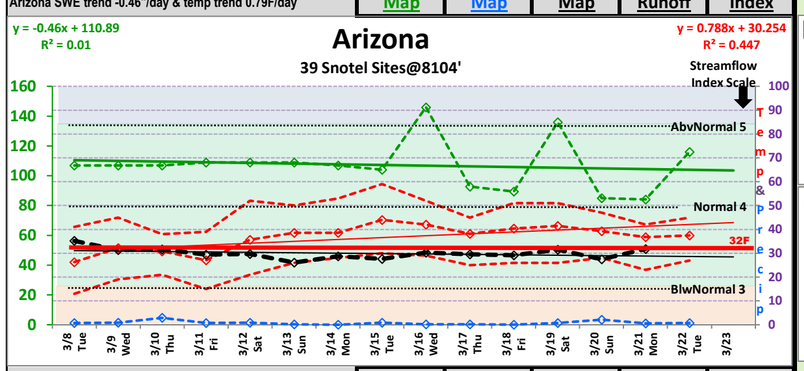
Two Week SNOTEL and USGS State Plots of

USGS Streamflow Index with Trendline(associated base layer and hyperlinks),
NRCS SNOTEL Temperatures(Min, Average with Trendline, Max), Precipitation and SWE with Trendline

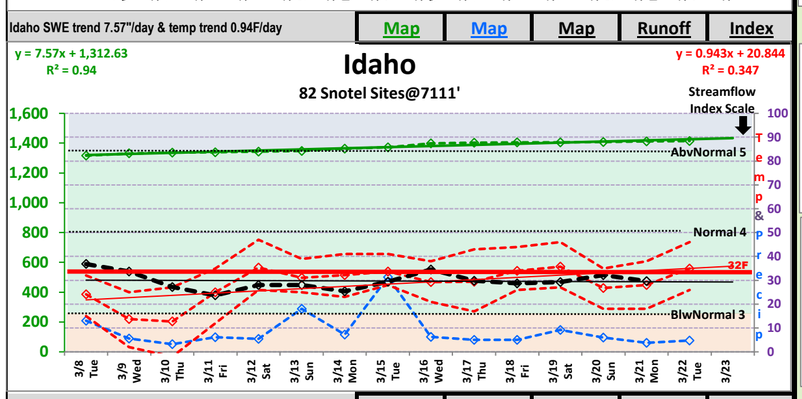
Colorado SWE trend 10.88"/day & temp trend 1.11F/day | Map | Map | Map | Runoff | Index



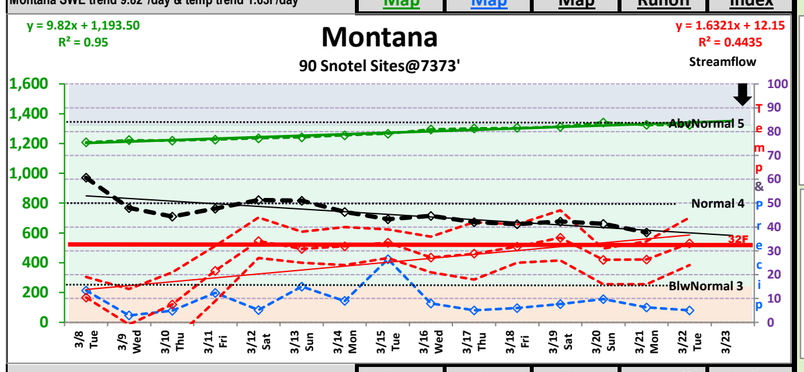
Arizona SWE trend -0.46"/day & temp trend 0.79F/day | Map | Map | Map | Runoff | Index



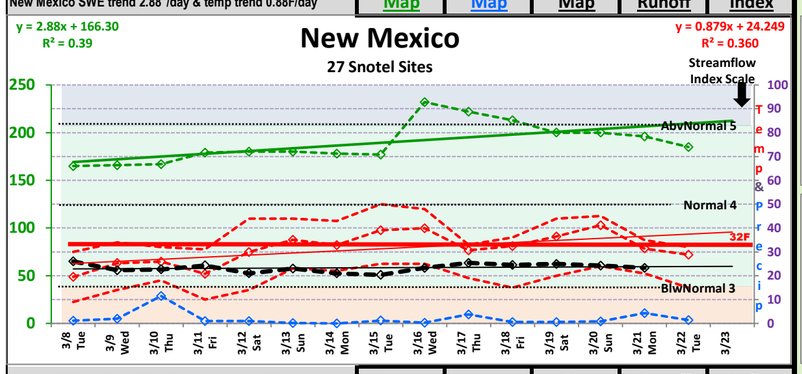
Idaho SWE trend 7.57"/day & temp trend 0.94F/day | Map | Map | Map | Runoff | Index



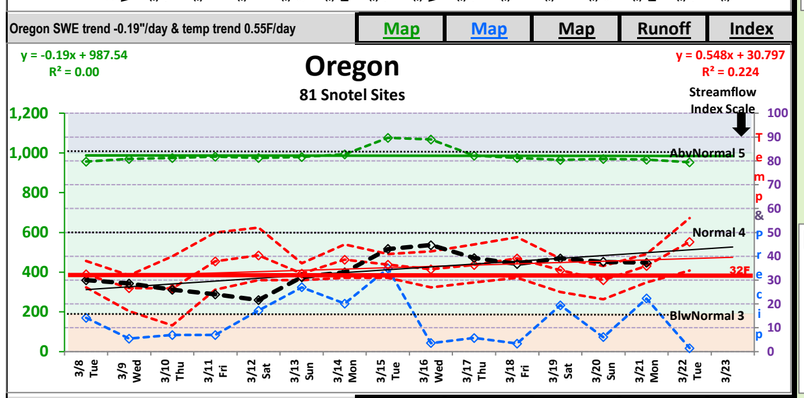
Montana SWE trend 9.82"/day & temp trend 1.63F/day | Map | Map | Map | Runoff | Index



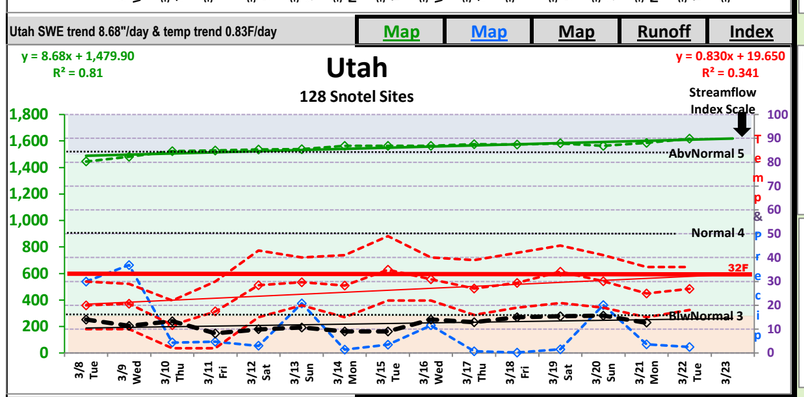
New Mexico SWE trend 2.88"/day & temp trend 0.88F/day | Map | Map | Map | Runoff | Index



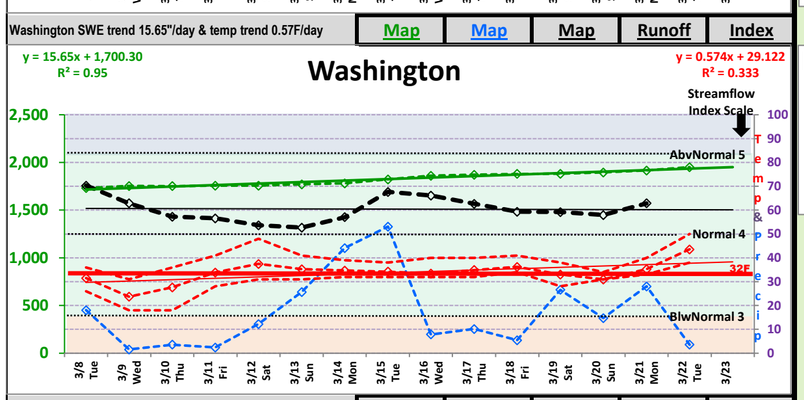
Oregon SWE trend -0.19"/day & temp trend 0.55F/day | Map | Map | Map | Runoff | Index



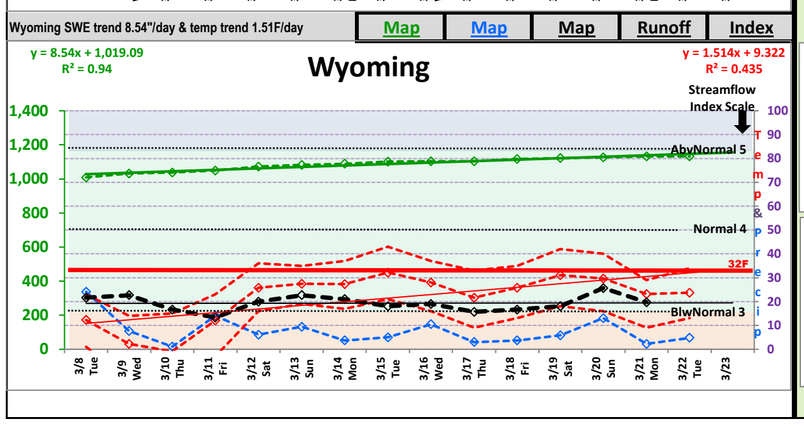
Utah SWE trend 8.68"/day & temp trend 0.83F/day | Map | Map | Map | Runoff | Index



Washington SWE trend 15.65"/day & temp trend 0.57F/day | Map | Map | Map | Runoff | Index



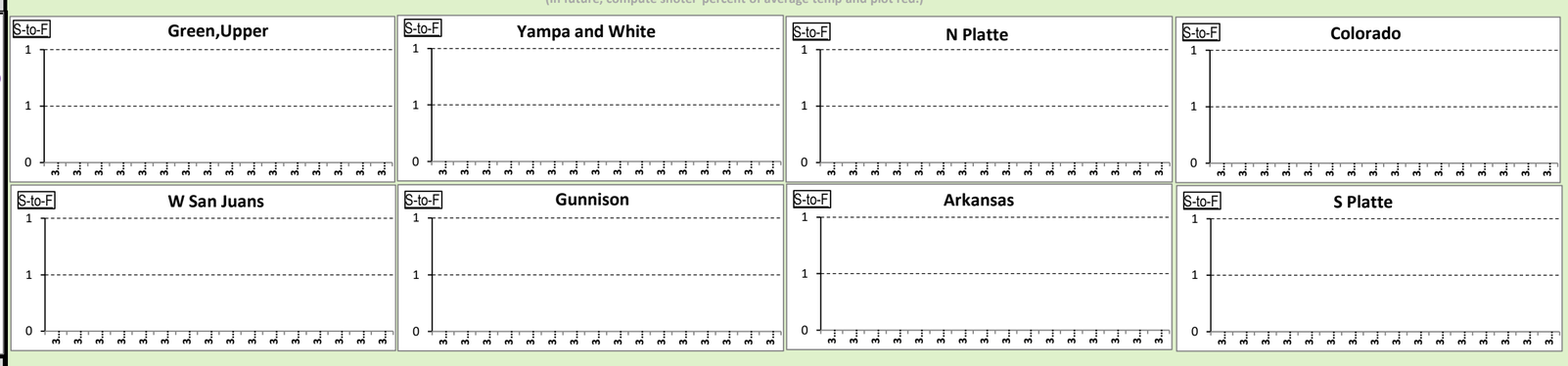
Wyoming SWE trend 8.54"/day & temp trend 1.51F/day | Map | Map | Map | Runoff | Index

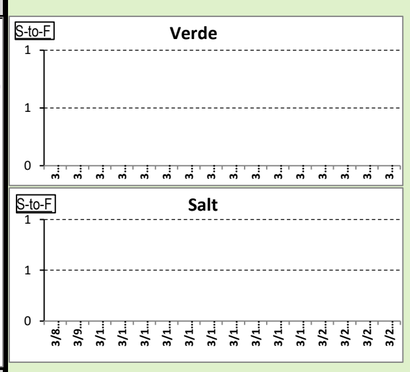


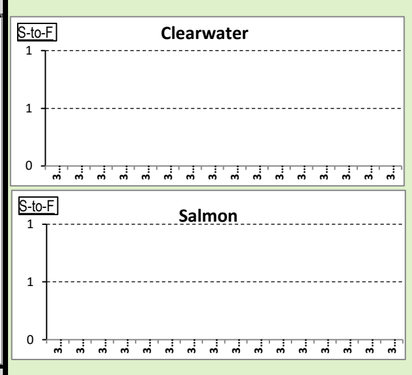
Two Week SNOTEL and USGS Basin Plots of Percent of Average

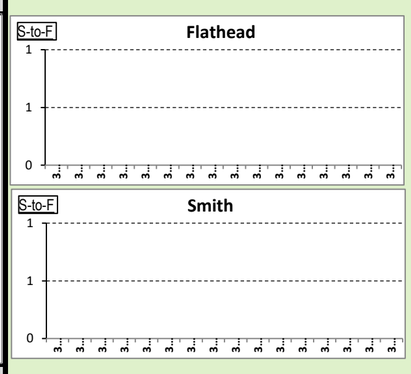
Precipitation with Trend Line, SWE with Trend Line and 'Select Rivers' with Trendline

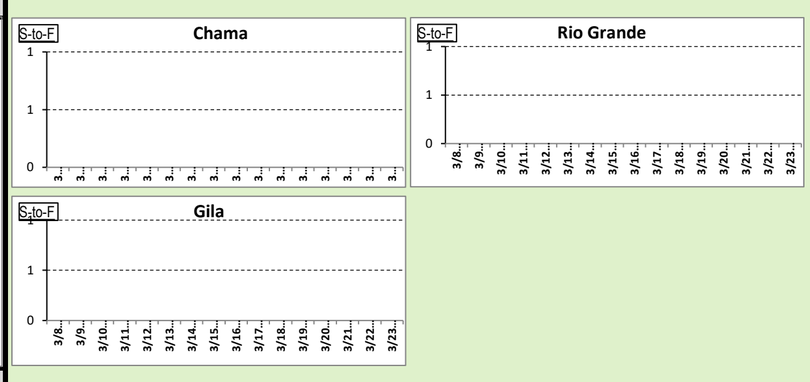
(In future, compute snotel percent of average temp and plot red.)

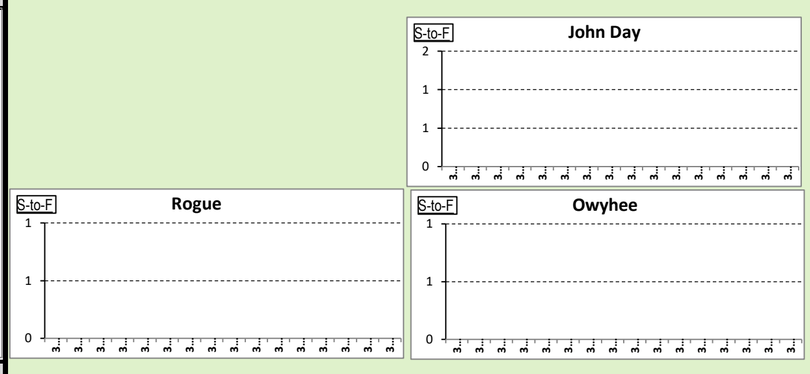


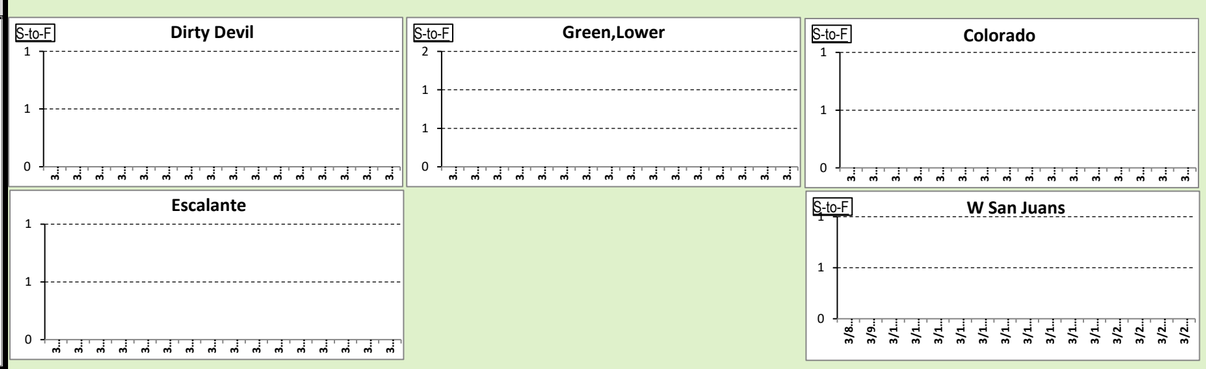


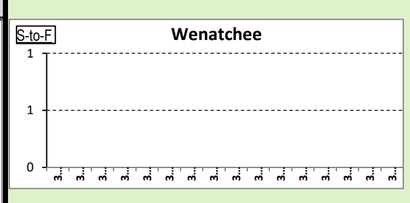


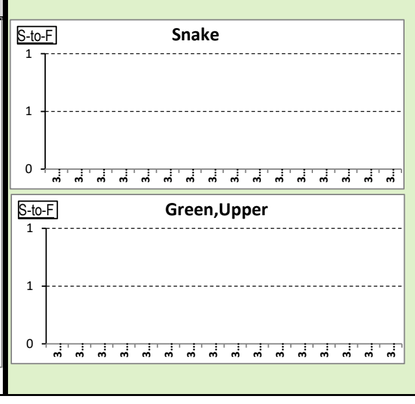


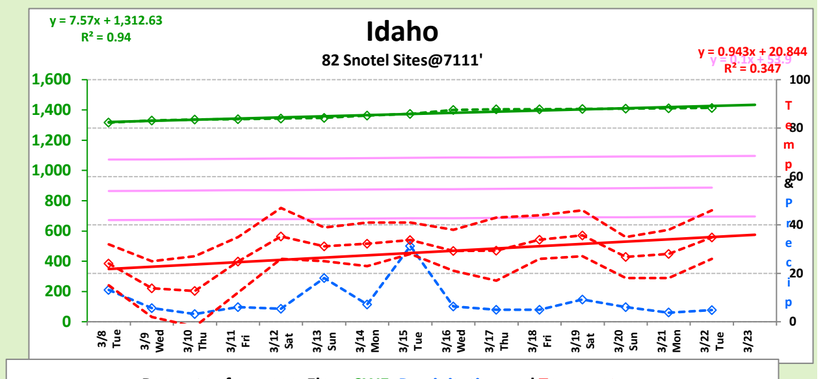
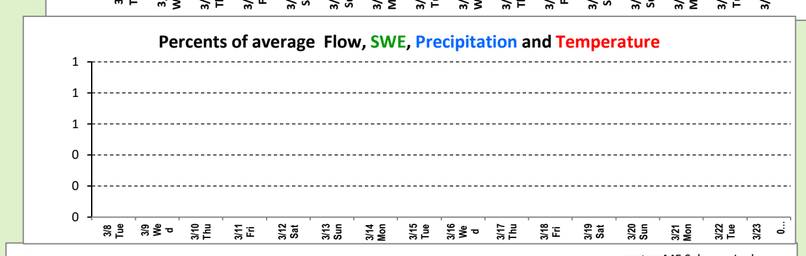
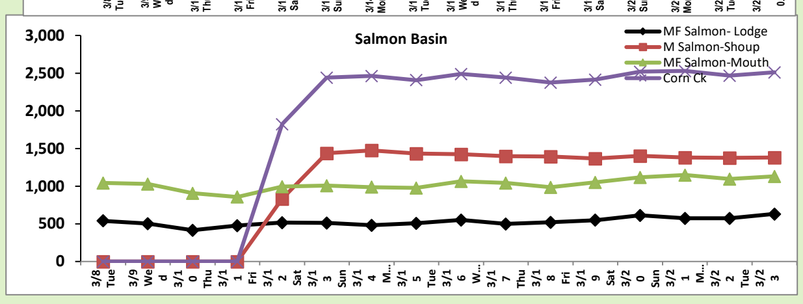










EXPERIMENTAL(magenta data fabricated)

Temperatures(Min, Average with Trendline, Max), Temperatures(Average Min, Average, Max)
Precipitation and SWE with Trendline