

BBRAOP V1.04 Run: 05-Sep-2012 15:07
 Based on most probable April - July inflow of 678 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 516.9 kaf 5377.28 ft				Maximum Cont Elev 643.1 kaf 5393.59 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft			
2012		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Monthly Inflow	kaf	20.0	26.9	22.0	17.1	15.2	13.4	15.5	33.3	139.3	316.8	188.3	51.8
Shoshone Release	kaf	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0	9.5	11.3	11.3	6.2
Non-Power Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.2	35.7	0.0
Total Flow Below Dam	kaf	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0	9.5	89.5	47.0	6.2
Buffalo Bill Release	kaf	29.6	13.8	5.9	6.2	6.2	5.5	6.2	14.8	53.9	51.3	51.6	49.5
Municipal Delivery	kaf	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Heart Mtn Release	kaf	14.4	8.2	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	7.3
Heart Mtn Delivery	kaf	32.0	8.0	0.0	0.0	0.0	0.0	0.0	7.0	36.0	42.0	48.0	41.0
Total Outflow	kaf	82.3	36.4	12.2	12.6	12.6	11.4	12.6	31.7	118.3	201.1	165.5	104.3
Bypass/Spill	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.2	35.7	0.0
End-Month Targets	kaf	481.6		463.9								628.0	
End-Month Content	kaf	454.6	445.1	454.9	459.4	462.0	464.0	466.9	468.5	489.5	605.2	628.0	575.5
Est Total Storage	kaf	458.0	448.5	458.3	462.8	465.4	467.4	470.3	471.9	492.9	608.6	631.4	578.9
End-Month Elevation	ft	5368.69	5367.34	5368.73	5369.37	5369.73	5370.01	5370.42	5370.64	5373.55	5388.85	5391.72	5385.03
Net Change Content	kaf	-62.3	-9.5	9.8	4.5	2.6	2.0	2.9	1.6	21.0	115.7	22.8	-52.5
Flow Below BB Pwr	kaf	35.6	19.9	11.9	12.3	12.3	11.1	12.3	20.8	63.4	140.8	98.6	55.7
Flow Below BB Pwr	cfs	598	324	200	200	200	200	200	350	1031	2366	1604	906
Spring Inflow	kaf	3.6	3.7	3.6	3.7	3.7	3.3	3.7	3.6	3.7	3.6	3.7	3.7
Passing Cody Gage	kaf	53.6	31.8	15.5	16.0	16.0	14.4	16.0	28.0	85.7	162.4	120.9	66.7
Passing Cody Gage	cfs	901	517	260	260	260	259	260	471	1394	2729	1966	1085

Shoshone Power	2012	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Shoshone Release	kaf	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0	9.5	11.3	11.3	6.2
Generation	gwh	1.120	1.115	1.097	1.120	1.122	1.031	1.125	1.108	1.764	2.156	2.241	1.230
Max Generation	gwh	2.160	2.232	2.160	2.232	2.232	2.016	2.232	2.160	2.232	2.160	2.232	2.232
% Max Generation		52	50	51	50	50	51	50	51	79	100	100	55
Ave kwh/af		187	183	183	184	184	184	184	185	186	191	198	198
End-Month Power Cap	mw	3	3	3	3	3	3	3	3	3	3	3	3
Buffalo Bill Power	2012	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Buffalo Bill Release	kaf	29.6	13.8	5.9	6.2	6.2	5.5	6.2	14.8	53.9	51.3	51.6	49.5
Generation	gwh	7.792	3.742	1.614	1.702	1.705	1.514	1.708	4.051	13.393	12.954	13.389	13.264
Max Generation	gwh	7.906	13.392	12.960	13.392	13.392	12.096	13.392	12.960	13.392	12.960	13.392	13.392
% Max Generation		99	28	12	13	13	13	13	31	100	100	100	99
Ave kwh/af		263	271	274	275	275	275	275	274	248	253	259	268
End-Month Power Cap	mw	11	18	18	18	18	18	18	18	18	18	18	18
Spirit Mtn Power	2012	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Spirit Mtn Release	kaf	33.3	16.2	0.0	0.0	0.0	0.0	0.0	10.6	34.4	33.3	34.4	32.9
Generation	gwh	3.166	1.656	0.000	0.000	0.000	0.000	0.000	1.113	2.812	2.898	3.221	3.346
Max Generation	gwh	3.240	1.674	0.000	0.000	0.000	0.000	0.000	1.620	3.348	3.240	3.348	3.348
% Max Generation		98	99	0	0	0	0	0	69	84	89	96	100
Ave kwh/af		95	102						105	82	87	94	102
End-Month Power Cap	mw	4	2	0	0	0	0	0	2	4	5	5	5
Heart Mtn Power	2012	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Heart Mtn Release	kaf	14.4	8.2	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	7.3
Generation	gwh	3.447	1.963	0.000	0.000	0.000	0.000	0.000	0.862	4.453	4.309	4.453	1.748
Max Generation	gwh	4.320	2.232	0.000	0.000	0.000	0.000	0.000	2.160	4.464	4.320	4.464	4.464
% Max Generation		80	88	0	0	0	0	0	40	100	100	100	39
Ave kwh/af		239	239						239	239	239	239	239
End-Month Power Cap	mw	6	3	0	0	0	0	0	3	6	6	6	6
Total Generation	2012	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Total Generation	gwh	15.525	8.476	2.711	2.822	2.827	2.545	2.833	7.134	22.422	22.317	23.304	19.588
End-month Power Cap	mw	24	26	21	21	21	21	21	26	31	32	32	32