

Based on most probable April - July inflow of 671 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 481.0 kaf 5372.38 ft				Maximum Cont Elev 643.1 kaf 5393.50 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft				Total
2008		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Monthly Inflow	kaf	27.0	22.1	17.8	15.5	13.6	16.3	36.0	145.5	304.1	185.1	52.2	30.8	866.0
Shoshone Release	kaf	6.2	6.0	6.2	6.2	1.6	3.9	6.0	8.0	10.0	9.9	10.0	9.5	83.5
Non-Power Release	kaf	0.0	0.0	0.0	0.0	4.0	2.2	0.0	0.0	67.5	37.2	1.0	0.0	111.9
Total Flow Below Dam	kaf	6.2	6.0	6.2	6.2	5.6	6.1	6.0	8.0	77.5	47.1	11.0	9.5	195.4
Buffalo Bill Release	kaf	21.6	14.8	15.3	15.3	13.8	15.4	14.8	54.4	49.6	51.5	51.3	50.7	368.5
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	3.6
Heart Mtn Release	kaf	7.9	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	18.6	18.0	103.3
Heart Mtn Delivery	kaf	8.0	0.0	0.0	0.0	0.0	0.0	7.0	36.0	24.2	48.0	41.0	32.0	196.2
Total Outflow	kaf	44.0	21.1	21.8	21.8	19.7	21.8	31.7	117.3	169.6	165.5	122.2	110.5	867.0
Bypass/Spill	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5	37.2	1.0	0.0	105.7
End-Month Targets	kaf	464.0									629.7			480.0
End-Month Content	kaf	464.0	465.0	461.0	454.7	448.6	443.1	447.4	475.6	610.1	629.7	559.7	480.0	
Est Total Storage	kaf	467.4	468.4	464.4	458.1	452.0	446.5	450.8	479.0	613.5	633.1	563.1	483.4	
End-Month Elevation	ft	5370.01	5370.15	5369.59	5368.70	5367.84	5367.05	5367.67	5371.63	5389.47	5391.93	5382.97	5372.24	
Net Change Content	kaf	-17.0	1.0	-4.0	-6.3	-6.1	-5.5	4.3	28.2	134.5	19.6	-70.0	-79.7	-1.0
Flow Below BB Pwr	kaf	27.8	20.8	21.5	21.5	19.4	21.5	20.8	62.4	127.1	98.6	62.3	60.2	563.9
Flow Below BB Pwr	cfs	452	350	350	350	349	350	350	1015	2136	1604	1013	1012	
Spring Inflow	kaf	3.7	3.6	3.7	3.7	3.3	3.7	3.6	3.7	3.6	3.7	3.7	3.6	43.6
Passing Cody Gage	kaf	39.4	24.4	25.2	25.2	22.7	25.2	28.0	84.7	148.7	120.9	84.6	81.8	710.8
Passing Cody Gage	cfs	641	410	410	410	409	410	471	1378	2499	1966	1376	1375	

Shoshone Power	2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Shoshone Release	kaf	6.2	6.0	6.2	6.2	1.6	3.9	6.0	8.0	10.0	9.9	10.0	9.5	83.5
Generation	gwh	1.301	1.253	1.294	1.290	0.332	0.806	1.239	1.667	2.159	2.229	2.237	2.045	17.852
Max Generation	gwh	2.232	2.160	2.232	2.232	0.323	0.804	2.160	2.232	2.160	2.232	2.232	2.160	23.159
% Max Generation		58	58	58	58	103	100	57	75	100	100	100	95	
Ave kwh/af		210	209	209	208	208	207	207	208	216	225	224	215	214
End-Month Power Cap	mw	3	3	3	3	0	1	3	3	3	3	3	3	
Buffalo Bill Power	2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Buffalo Bill Release	kaf	21.6	14.8	15.3	15.3	13.8	15.4	14.8	54.4	49.6	51.5	51.3	50.7	368.5
Generation	gwh	5.883	4.059	4.194	4.184	3.763	4.188	4.009	13.386	12.958	13.385	13.396	12.955	96.360
Max Generation	gwh	13.392	12.960	13.392	13.392	12.096	13.392	12.960	13.392	12.960	13.392	13.392	12.960	157.680
% Max Generation		44	31	31	31	31	31	31	100	100	100	100	100	
Ave kwh/af		272	274	274	273	273	272	271	246	261	260	261	256	261
End-Month Power Cap	mw	18	18	18	18	18	18	18	18	18	18	18	18	
Spirit Mtn Power	2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Spirit Mtn Release	kaf	15.9	0.0	0.0	0.0	0.0	0.0	10.6	34.4	33.3	34.4	34.4	33.3	196.3
Generation	gwh	1.654	0.000	0.000	0.000	0.000	0.000	1.082	2.726	3.193	3.236	3.261	2.963	18.115
Max Generation	gwh	1.674	0.000	0.000	0.000	0.000	0.000	1.620	3.348	3.240	3.348	3.348	3.240	19.818
% Max Generation		99	0	0	0	0	0	67	81	99	97	97	91	
Ave kwh/af		104						102	79	96	94	95	89	92
End-Month Power Cap	mw	2	0	0	0	0	0	2	4	5	5	5	4	
Heart Mtn Power	2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Heart Mtn Release	kaf	7.9	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	18.6	18.0	103.3
Generation	gwh	1.891	0.000	0.000	0.000	0.000	0.000	0.862	4.453	4.309	4.453	4.453	4.309	24.730
Max Generation	gwh	2.232	0.000	0.000	0.000	0.000	0.000	2.160	4.464	4.320	4.464	4.464	4.320	26.424
% Max Generation		85	0	0	0	0	0	40	100	100	100	100	100	
Ave kwh/af		239						239	239	239	239	239	239	239
End-Month Power Cap	mw	3	0	0	0	0	0	3	6	6	6	6	6	
Total Generation	2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Generation	gwh	10.729	5.312	5.488	5.474	4.095	4.994	7.192	22.232	22.619	23.303	23.347	22.272	157.057
End-month Power Cap	mw	26	21	21	21	18	19	26	31	32	32	32	31	