

BBRAOP V1.04 Run: 05-May-2009 14:00
 Based on expected April - July inflow of 750 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont 432.7 kaf Elev 5365.56 ft				Maximum Cont 643.1 kaf Elev 5393.50 ft				Minimum Cont 41.8 kaf Elev 5259.64 ft			
2009		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Monthly Inflow	kaf	159.9	334.3	203.6	52.2	30.8	27.0	22.1	17.8	15.5	13.6	16.3	36.0
Shoshone Release	kaf	12.4	11.5	11.3	11.3	10.1	6.2	6.0	6.2	6.2	5.6	6.1	6.0
Non-Power Release	kaf	29.0	63.3	31.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Flow Below Dam	kaf	41.4	74.8	43.2	15.3	10.1	6.2	6.0	6.2	6.2	5.6	6.1	6.0
Buffalo Bill Release	kaf	55.3	52.2	51.8	51.3	50.8	15.3	19.4	15.3	15.3	13.8	15.4	14.8
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	18.6	18.0	18.6	18.6	18.0	4.7	0.0	0.0	0.0	0.0	0.0	3.6
Heart Mtn Delivery	kaf	36.0	42.0	48.0	41.0	32.0	8.0	0.0	0.0	0.0	0.0	0.0	7.0
Total Outflow	kaf	151.6	187.3	161.9	126.5	111.2	34.5	25.7	21.8	21.8	19.7	21.8	31.7
Bypass/Spill	kaf	29.0	63.3	31.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
End-Month Targets	kaf			629.7		475.0		463.9					
End-Month Content	kaf	441.0	588.0	629.7	555.4	475.0	467.5	463.9	459.9	453.6	447.5	442.0	446.3
Est Total Storage	kaf	444.4	591.4	633.1	558.8	478.4	470.9	467.3	463.3	457.0	450.9	445.4	449.7
End-Month Elevation	ft	5366.75	5386.65	5391.93	5382.40	5371.55	5370.50	5370.00	5369.44	5368.55	5367.68	5366.90	5367.51
Net Change Content	kaf	8.3	147.0	41.7	-74.3	-80.4	-7.5	-3.6	-4.0	-6.3	-6.1	-5.5	4.3
Flow Below BB Pwr	kaf	96.7	127.0	95.0	66.6	60.9	21.5	25.4	21.5	21.5	19.4	21.5	20.8
Flow Below BB Pwr	cfs	1573	2134	1545	1083	1023	350	427	350	350	349	350	350
Spring Inflow	kaf	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.7	3.7	3.3	3.7	3.6
Passing Cody Gage	kaf	119.0	148.6	117.3	88.9	82.5	29.9	29.0	25.2	25.2	22.7	25.2	28.0
Passing Cody Gage	cfs	1935	2497	1908	1446	1386	486	487	410	410	409	410	471
Shoshone Power	2009	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Shoshone Release	kaf	12.4	11.5	11.3	11.3	10.1	6.2	6.0	6.2	6.2	5.6	6.1	6.0
Generation	gwh	2.231	2.158	2.234	2.226	1.913	1.147	1.107	1.141	1.138	1.024	1.111	1.093
Max Generation	gwh	2.232	2.160	2.232	2.232	2.160	2.232	2.160	2.232	2.232	2.016	2.232	2.160
% Max Generation		100	100	100	100	89	51	51	51	51	51	50	51
Ave kwh/af		180	188	198	197	189	185	185	184	184	183	182	182
End-Month Power Cap	mw	3	3	3	3	3	3	3	3	3	3	3	3
Buffalo Bill Power	2009	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Buffalo Bill Release	kaf	55.3	52.2	51.8	51.3	50.8	15.3	19.4	15.3	15.3	13.8	15.4	14.8
Generation	gwh	13.382	12.960	13.393	13.380	12.949	4.191	5.311	4.192	4.182	3.761	4.186	4.007
Max Generation	gwh	13.392	12.960	13.392	13.392	12.960	13.392	12.960	13.392	13.392	12.096	13.392	12.960
% Max Generation		100	100	100	100	100	31	41	31	31	31	31	31
Ave kwh/af		242	248	259	261	255	274	274	274	273	273	272	271
End-Month Power Cap	mw	18	18	18	18	18	18	18	18	18	18	18	18
Spirit Mtn Power	2009	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Spirit Mtn Release	kaf	34.4	33.3	34.4	34.4	33.3	12.7	0.0	0.0	0.0	0.0	0.0	10.6
Generation	gwh	2.600	2.747	3.186	3.252	2.942	1.337	0.000	0.000	0.000	0.000	0.000	1.081
Max Generation	gwh	3.348	3.240	3.348	3.348	3.240	1.674	0.000	0.000	0.000	0.000	0.000	1.620
% Max Generation		78	85	95	97	91	80	0	0	0	0	0	67
Ave kwh/af		76	82	93	95	88	105						102
End-Month Power Cap	mw	4	5	5	5	4	2	0	0	0	0	0	2
Heart Mtn Power	2009	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Heart Mtn Release	kaf	18.6	18.0	18.6	18.6	18.0	4.7	0.0	0.0	0.0	0.0	0.0	3.6
Generation	gwh	4.453	4.309	4.453	4.453	4.309	1.125	0.000	0.000	0.000	0.000	0.000	0.862
Max Generation	gwh	4.464	4.320	4.464	4.464	4.320	2.232	0.000	0.000	0.000	0.000	0.000	2.160
% Max Generation		100	100	100	100	100	50	0	0	0	0	0	40
Ave kwh/af		239	239	239	239	239	239						239
End-Month Power Cap	mw	6	6	6	6	6	3	0	0	0	0	0	3
Total Generation	2009	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Total Generation	gwh	22.666	22.174	23.266	23.311	22.113	7.800	6.418	5.333	5.320	4.785	5.297	7.043
End-month Power Cap	mw	31	32	32	32	31	26	21	21	21	21	21	26

