

BBRAOP V1.04 Run: 06-Jan-2009 12:35
 Based on expected April - July inflow of 630 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 449.4 kaf 5367.95 ft				Maximum Cont Elev 643.1 kaf 5393.50 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft			
	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Inflow	kaf	15.5	13.6	16.3	33.8	136.6	285.6	174.0	52.2	30.8	27.0	22.1	17.8
Shoshone Release	kaf	6.2	1.6	3.9	6.0	6.1	10.0	9.9	10.0	10.1	6.2	6.0	6.2
Non-Power Release	kaf	0.0	4.0	2.2	0.0	0.0	23.0	25.9	5.3	0.0	0.0	0.0	0.0
Total Flow Below Dam	kaf	6.2	5.6	6.1	6.0	6.1	33.0	35.8	15.3	10.1	6.2	6.0	6.2
Buffalo Bill Release	kaf	15.3	13.8	15.4	14.8	52.9	51.4	51.5	51.3	50.8	15.3	19.4	15.3
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	0.0	0.0	0.0	3.6	5.9	18.0	18.6	18.6	18.0	4.7	0.0	0.0
Heart Mtn Delivery	kaf	0.0	0.0	0.0	7.0	36.0	42.0	48.0	41.0	32.0	8.0	0.0	0.0
Total Outflow	kaf	21.8	19.7	21.8	31.7	101.2	144.7	154.2	126.5	111.2	34.5	25.7	21.8
Bypass/Spill	kaf	0.0	0.0	0.0	0.0	0.0	23.0	25.9	5.3	0.0	0.0	0.0	0.0
End-Month Targets	kaf							629.7		475.0		463.9	
End-Month Content	kaf	443.1	437.0	431.5	433.6	469.0	609.9	629.7	555.4	475.0	467.5	463.9	459.9
Est Total Storage	kaf	446.5	440.4	434.9	437.0	472.4	613.3	633.1	558.8	478.4	470.9	467.3	463.3
End-Month Elevation	ft	5367.05	5366.18	5365.38	5365.69	5370.71	5389.45	5391.93	5382.40	5371.55	5370.50	5370.00	5369.44
Net Change Content	kaf	-6.3	-6.1	-5.5	2.1	35.4	140.9	19.8	-74.3	-80.4	-7.5	-3.6	-4.0
Flow Below BB Pwr	kaf	21.5	19.4	21.5	20.8	59.0	84.4	87.3	66.6	60.9	21.5	25.4	21.5
Flow Below BB Pwr	cfs	350	349	350	350	960	1418	1420	1083	1023	350	427	350
Spring Inflow	kaf	3.7	3.3	3.7	3.6	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.7
Passing Cody Gage	kaf	25.2	22.7	25.2	28.0	68.6	106.0	109.6	88.9	82.5	29.9	29.0	25.2
Passing Cody Gage	cfs	410	409	410	471	1116	1781	1782	1446	1386	486	487	410
Shoshone Power	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shoshone Release	kaf	6.2	1.6	3.9	6.0	6.1	10.0	9.9	10.0	10.1	6.2	6.0	6.2
Generation	gwh	1.281	0.329	0.800	1.230	1.264	2.164	2.232	2.232	2.168	1.300	1.254	1.293
Max Generation	gwh	2.232	0.323	0.804	2.160	2.232	2.160	2.232	2.232	2.160	2.232	2.160	2.232
% Max Generation		57	102	100	57	57	100	100	100	100	58	58	58
Ave kwh/af		207	206	205	205	207	216	225	223	215	210	209	209
End-Month Power Cap	mw	3	0	1	3	3	3	3	3	3	3	3	3
Buffalo Bill Power	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Buffalo Bill Release	kaf	15.3	13.8	15.4	14.8	52.9	51.4	51.5	51.3	50.8	15.3	19.4	15.3
Generation	gwh	4.162	3.743	4.166	3.986	13.285	12.964	13.392	13.380	12.949	4.191	5.311	4.192
Max Generation	gwh	13.392	12.096	13.392	12.960	13.392	12.960	13.392	13.392	12.960	13.392	12.960	13.392
% Max Generation		31	31	31	31	99	100	100	100	100	31	41	31
Ave kwh/af		272	271	271	269	251	252	260	261	255	274	274	274
End-Month Power Cap	mw	18	18	18	18	18	18	18	18	18	18	18	18
Spirit Mtn Power	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Spirit Mtn Release	kaf	0.0	0.0	0.0	10.6	34.4	33.3	34.4	34.4	33.3	12.7	0.0	0.0
Generation	gwh	0.000	0.000	0.000	1.064	2.902	2.864	3.236	3.252	2.942	1.337	0.000	0.000
Max Generation	gwh	0.000	0.000	0.000	1.620	3.348	3.240	3.348	3.348	3.240	1.674	0.000	0.000
% Max Generation		0	0	0	66	87	88	97	97	91	80	0	0
Ave kwh/af					100	84	86	94	95	88	105		
End-Month Power Cap	mw	0	0	0	2	4	5	5	5	4	2	0	0
Heart Mtn Power	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Heart Mtn Release	kaf	0.0	0.0	0.0	3.6	5.9	18.0	18.6	18.6	18.0	4.7	0.0	0.0
Generation	gwh	0.000	0.000	0.000	0.862	1.412	4.309	4.453	4.453	4.309	1.125	0.000	0.000
Max Generation	gwh	0.000	0.000	0.000	2.160	4.464	4.320	4.464	4.464	4.320	2.232	0.000	0.000
% Max Generation		0	0	0	40	32	100	100	100	100	50	0	0
Ave kwh/af					239	239	239	239	239	239	239		
End-Month Power Cap	mw	0	0	0	3	6	6	6	6	6	3	0	0
Total Generation	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Generation	gwh	5.443	4.072	4.966	7.142	18.863	22.301	23.313	23.317	22.368	7.953	6.565	5.485
End-month Power Cap	mw	21	18	19	26	31	32	32	32	31	26	21	21