

BBRAOP V1.04 Run: 02-Feb-2010 07:01  
 Based on expected April - July inflow of 475 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 437.4 kaf 5366.24 ft				Maximum Cont Elev 643.1 kaf 5393.59 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft			
	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Inflow	kaf	13.4	16.1	41.0	150.5	208.5	75.0	39.0	28.6	27.0	21.9	17.4	15.3
Shoshone Release	kaf	3.4	6.1	6.0	6.1	6.0	6.2	6.2	6.0	6.2	6.0	6.2	6.2
Non-Power Release	kaf	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Flow Below Dam	kaf	5.6	6.1	6.0	6.1	6.0	6.2	6.2	6.0	6.2	6.0	6.2	6.2
Buffalo Bill Release	kaf	13.8	15.4	14.8	52.6	49.6	50.9	51.6	43.3	9.4	5.9	6.1	6.1
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	3.6	6.2	7.1	13.3	5.2	0.7	4.4	0.0	0.0	0.0
Heart Mtn Delivery	kaf	0.0	0.0	7.0	36.0	42.0	48.0	41.0	32.0	8.0	0.0	0.0	0.0
Total Outflow	kaf	19.7	21.8	31.7	101.2	105.0	118.7	104.3	82.3	28.3	12.2	12.6	12.6
Spill/Waste	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
End-Month Targets	kaf						630.0		485.0		463.9		
End-Month Content	kaf	431.1	425.4	434.7	484.0	587.5	543.8	478.5	424.8	423.5	433.2	438.0	440.7
Est Total Storage	kaf	434.5	428.8	438.1	487.4	590.9	547.2	481.9	428.2	426.9	436.6	441.4	444.1
End-Month Elevation	ft	5365.33	5364.48	5365.85	5372.79	5386.59	5380.87	5372.03	5364.39	5364.20	5365.63	5366.32	5366.71
Net Change Content	kaf	-6.3	-5.7	9.3	49.3	103.5	-43.7	-65.3	-53.7	-1.3	9.7	4.8	2.7
Flow Below BB Pwr	kaf	19.4	21.5	20.8	58.7	55.6	57.1	57.8	49.3	15.6	11.9	12.3	12.3
Flow Below BB Pwr	cfs	349	350	350	955	934	929	940	829	254	200	200	200
Spring Inflow	kaf	3.3	3.7	3.6	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.7	3.7
Passing Cody Gage	kaf	22.7	25.2	28.0	68.6	66.3	74.1	66.7	53.6	23.7	15.5	16.0	16.0
Passing Cody Gage	cfs	409	410	471	1116	1114	1205	1085	901	385	260	260	260
Shoshone Power	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Shoshone Release	kaf	3.4	6.1	6.0	6.1	6.0	6.2	6.2	6.0	6.2	6.0	6.2	6.2
Generation	gwh	0.615	1.100	1.083	1.121	1.151	1.208	1.173	1.098	1.115	1.082	1.123	1.126
Max Generation	gwh	0.623	2.232	2.160	2.232	2.160	2.232	2.232	2.160	2.232	2.160	2.232	2.232
% Max Generation		99	49	50	50	53	54	53	51	50	50	50	50
Ave kwh/af		181	180	181	184	192	195	189	183	180	180	181	182
End-Month Power Cap	mw	1	3	3	3	3	3	3	3	3	3	3	3
Buffalo Bill Power	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Buffalo Bill Release	kaf	13.8	15.4	14.8	52.6	49.6	50.9	51.6	43.3	9.4	5.9	6.1	6.1
Generation	gwh	3.733	4.154	3.981	13.263	12.819	13.098	13.277	11.166	2.530	1.598	1.658	1.661
Max Generation	gwh	12.096	13.392	12.960	13.392	12.960	13.392	13.392	12.960	13.392	12.960	13.392	13.392
% Max Generation		31	31	31	99	99	98	99	86	19	12	12	12
Ave kwh/af		271	270	269	252	258	257	257	258	269	271	272	272
End-Month Power Cap	mw	18	18	18	18	18	18	18	18	18	18	18	18
Spirit Mtn Power	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Spirit Mtn Release	kaf	0.0	0.0	10.6	34.4	33.3	34.4	34.4	32.7	12.4	0.0	0.0	0.0
Generation	gwh	0.000	0.000	1.061	2.938	3.060	3.119	3.121	2.966	1.237	0.000	0.000	0.000
Max Generation	gwh	0.000	0.000	1.620	3.348	3.240	3.348	3.348	3.240	1.674	0.000	0.000	0.000
% Max Generation		0	0	65	88	94	93	93	92	74	0	0	0
Ave kwh/af				100	85	92	91	91	91	100			
End-Month Power Cap	mw	0	0	2	4	5	4	4	4	1	0	0	0
Heart Mtn Power	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Heart Mtn Release	kaf	0.0	0.0	3.6	6.2	7.1	13.3	5.2	0.7	4.4	0.0	0.0	0.0
Generation	gwh	0.000	0.000	0.862	1.484	1.700	3.184	1.245	0.168	1.053	0.000	0.000	0.000
Max Generation	gwh	0.000	0.000	2.160	4.464	4.320	4.464	4.464	4.320	1.049	0.000	0.000	0.000
% Max Generation		0	0	40	33	39	71	28	4	100	0	0	0
Ave kwh/af				239	239	239	239	239	240	239			
End-Month Power Cap	mw	0	0	3	6	6	6	6	6	1	0	0	0
Total Generation	2010	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Total Generation	gwh	4.348	5.254	6.987	18.806	18.730	20.609	18.816	15.398	5.935	2.680	2.781	2.787
End-month Power Cap	mw	19	21	26	31	32	31	31	31	23	21	21	21