

BBRAOP V1.04 Run: 02-May-2012 12:21
 Based on expected April - July inflow of 570 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 477.2 kaf 5371.85 ft				Maximum Cont Elev 643.1 kaf 5393.59 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft			
	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Monthly Inflow	kaf	169.5	232.2	83.3	51.8	28.5	26.9	22.0	17.1	15.2	13.4	15.5	33.3
Shoshone Release	kaf	9.7	11.1	6.2	6.2	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0
Non-Power Release	kaf	0.0	24.9	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	9.7	36.0	6.2	6.2	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0
Buffalo Bill Release	kaf	52.0	50.2	49.9	39.6	33.8	23.1	14.8	15.4	15.4	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	8.4	18.0	17.1	17.2	10.2	8.0	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	106.4	146.5	121.5	104.3	82.3	45.5	21.1	21.8	21.8	19.7	21.8	31.7
Bypass/Spill	kaf	0.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
End-Month Targets	kaf		626.0	626.0		481.6		463.9					
End-Month Content	kaf	540.3	626.0	587.8	535.3	481.5	462.9	463.8	459.1	452.5	446.2	439.9	441.5
Est Total Storage	kaf	543.7	629.4	591.2	538.7	484.9	466.3	467.2	462.5	455.9	449.6	443.3	444.9
End-Month Elevation	ft	5380.41	5391.47	5386.63	5379.74	5372.45	5369.86	5369.99	5369.33	5368.39	5367.50	5366.60	5366.82
Net Change Content	kaf	63.1	85.7	-38.2	-52.5	-53.8	-18.6	0.9	-4.7	-6.6	-6.3	-6.3	1.6
Flow Below BB Pwr	kaf	61.7	86.2	56.1	45.8	39.8	29.2	20.8	21.5	21.5	19.4	21.5	20.8
Flow Below BB Pwr	cfs	1003	1449	912	745	669	475	350	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	73.8	107.8	76.9	66.7	53.6	40.9	24.4	25.2	25.2	22.7	25.2	28.0
Passing Cody Gage	cfs	1200	1812	1251	1085	901	665	410	410	410	409	410	471

Shoshone Power	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Shoshone Release	kaf	9.7	11.1	6.2	6.2	6.0	6.1	6.0	6.1	6.1	5.6	6.1	6.0
Generation	gwh	1.831	2.168	1.233	1.205	1.134	1.129	1.105	1.122	1.119	1.023	1.110	1.090
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		82	100	55	54	52	51	51	50	50	51	50	50
Ave kwh/af		189	195	199	194	189	185	184	184	183	183	182	182
End-Month Power Cap	mw	3	3	3	3	3	3	3	3	3	3	3	3
Buffalo Bill Power	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Buffalo Bill Release	kaf	52.0	50.2	49.9	39.6	33.8	23.1	14.8	15.4	15.4	13.8	15.4	14.8
Generation	gwh	13.390	12.949	13.011	10.465	8.978	6.283	4.057	4.218	4.207	3.759	4.183	4.001
Max Generation	gwh	13.392	12.960	13.392	10.714	9.072	13.392	12.960	13.392	13.392	12.096	13.392	12.960
% Max Generation		100	100	97	98	99	47	31	31	31	31	31	31
Ave kwh/af		258	258	261	264	266	272	274	274	273	272	272	270
End-Month Power Cap	mw	18	18	18	14	13	18	18	18	18	18	18	18
Spirit Mtn Power	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Spirit Mtn Release	kaf	34.4	33.3	34.4	34.4	33.1	16.0	0.0	0.0	0.0	0.0	0.0	10.6
Generation	gwh	3.131	3.061	3.239	3.334	3.242	1.659	0.000	0.000	0.000	0.000	0.000	1.076
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		94	94	97	100	100	99	0	0	0	0	0	66
Ave kwh/af		91	92	94	97	98	104						102
End-Month Power Cap	mw	5	5	5	4	4	2	0	0	0	0	0	2
Heart Mtn Power	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Heart Mtn Release	kaf	8.4	18.0	17.1	17.2	10.2	8.0	0.0	0.0	0.0	0.0	0.0	3.6
Generation	gwh	2.011	4.309	4.094	4.117	2.442	1.915	0.000	0.000	0.000	0.000	0.000	0.862
Max Generation	gwh	2.009	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	92	92	57	86	0	0	0	0	0	40
Ave kwh/af		239	239	239	239	239	239						239
End-Month Power Cap	mw	3	6	6	6	6	3	0	0	0	0	0	3
Total Generation	2012	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Total Generation	gwh	20.363	22.487	21.577	19.121	15.796	10.986	5.162	5.340	5.326	4.782	5.293	7.029
End-month Power Cap	mw	29	32	32	27	26	26	21	21	21	21	21	26