

BBRAOP V1.04 Run: 03-Nov-2009 13:38
 Based on most probable April - July inflow of 676 kaf

BUFFALO BILL RESERVOIR MONTHLY OPERATIONS

Buffalo Bill Reservoir		Initial Cont Elev 457.1 kaf 5369.04 ft				Maximum Cont Elev 643.1 kaf 5393.50 ft				Minimum Cont Elev 41.8 kaf 5259.64 ft			
	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Monthly Inflow	kaf	29.0	20.0	15.3	13.4	16.1	34.3	145.3	309.0	187.6	52.2	28.6	27.0
Shoshone Release	kaf	6.0	6.2	6.2	3.4	6.1	6.0	8.3	11.3	11.2	7.5	6.3	6.2
Non-Power Release	kaf	0.0	0.0	0.0	2.2	0.0	0.0	0.0	40.0	43.4	0.0	0.0	0.0
Total Flow Below Dam	kaf	6.0	6.2	6.2	5.6	6.1	6.0	8.3	51.3	54.6	7.5	6.3	6.2
Buffalo Bill Release	kaf	20.3	15.3	15.3	13.8	15.4	14.8	54.6	51.3	51.5	51.2	50.6	20.5
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
Heart Mtn Release	kaf	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	18.6	18.0	4.4
Heart Mtn Delivery	kaf	0.0	0.0	0.0	0.0	0.0	7.0	36.0	42.0	48.0	41.0	32.0	8.0
Total Outflow	kaf	26.6	21.8	21.8	19.7	21.8	31.7	117.8	162.9	173.0	118.6	107.2	39.4
Bypass/Spill	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	43.4	0.0	0.0	0.0
End-Month Targets	kaf									630.0		485.0	
End-Month Content	kaf	459.5	457.7	451.2	444.9	439.2	441.8	469.3	615.4	630.0	563.6	485.0	472.6
Est Total Storage	kaf	462.9	461.1	454.6	448.3	442.6	445.2	472.7	618.8	633.4	567.0	488.4	476.0
End-Month Elevation	ft	5369.38	5369.13	5368.21	5367.31	5366.49	5366.87	5370.76	5390.14	5391.97	5383.48	5372.93	5371.22
Net Change Content	kaf	2.4	-1.8	-6.5	-6.3	-5.7	2.6	27.5	146.1	14.6	-66.4	-78.6	-12.4
Flow Below BB Pwr	kaf	26.3	21.5	21.5	19.4	21.5	20.8	62.9	102.6	106.1	58.7	56.9	26.7
Flow Below BB Pwr	cfs	442	350	350	349	350	350	1023	1724	1726	955	956	434
Spring Inflow	kaf	3.6	3.7	3.7	3.3	3.7	3.6	3.7	3.6	3.7	3.7	3.6	3.7
Passing Cody Gage	kaf	29.9	25.2	25.2	22.7	25.2	28.0	85.2	124.2	128.4	81.0	78.5	34.8
Passing Cody Gage	cfs	502	410	410	409	410	471	1386	2087	2088	1317	1319	566

Shoshone Power	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Shoshone Release	kaf	6.0	6.2	6.2	3.4	6.1	6.0	8.3	11.3	11.2	7.5	6.3	6.2
Generation	gwh	1.102	1.139	1.136	0.621	1.110	1.090	1.521	2.157	2.227	1.484	1.201	1.152
Max Generation	gwh	2.160	2.232	2.232	0.625	2.232	2.160	2.232	2.160	2.232	2.232	2.160	2.232
% Max Generation		51	51	51	99	50	50	68	100	100	66	56	52
Ave kwh/af		184	184	183	183	182	182	183	191	199	198	191	186
End-Month Power Cap	mw	3	3	3	1	3	3	3	3	3	3	3	3
Buffalo Bill Power	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Buffalo Bill Release	kaf	20.3	15.3	15.3	13.8	15.4	14.8	54.6	51.3	51.5	51.2	50.6	20.5
Generation	gwh	5.536	4.185	4.178	3.757	4.181	4.001	13.389	12.947	13.396	13.388	12.961	5.615
Max Generation	gwh	12.960	13.392	13.392	12.096	13.392	12.960	13.392	12.960	13.392	13.392	12.960	13.392
% Max Generation		43	31	31	31	31	31	100	100	100	100	100	42
Ave kwh/af		273	274	273	272	271	270	245	252	260	261	256	274
End-Month Power Cap	mw	18	18	18	18	18	18	18	18	18	18	18	18
Spirit Mtn Power	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Spirit Mtn Release	kaf	0.0	0.0	0.0	0.0	0.0	10.6	34.4	33.3	34.4	34.4	33.3	12.4
Generation	gwh	0.000	0.000	0.000	0.000	0.000	1.075	2.696	2.877	3.247	3.271	2.983	1.309
Max Generation	gwh	0.000	0.000	0.000	0.000	0.000	1.620	3.348	3.240	3.348	3.348	3.240	1.674
% Max Generation		0	0	0	0	0	66	81	89	97	98	92	78
Ave kwh/af							101	78	86	94	95	90	106
End-Month Power Cap	mw	0	0	0	0	0	2	4	5	5	5	4	2
Heart Mtn Power	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Heart Mtn Release	kaf	0.0	0.0	0.0	0.0	0.0	3.6	18.6	18.0	18.6	18.6	18.0	4.4
Generation	gwh	0.000	0.000	0.000	0.000	0.000	0.862	4.453	4.309	4.453	4.453	4.309	1.053
Max Generation	gwh	0.000	0.000	0.000	0.000	0.000	2.160	4.464	4.320	4.464	4.464	4.320	1.049
% Max Generation		0	0	0	0	0	40	100	100	100	100	100	100
Ave kwh/af							239	239	239	239	239	239	239
End-Month Power Cap	mw	0	0	0	0	0	3	6	6	6	6	6	1
Total Generation	2009	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Total Generation	gwh	6.638	5.324	5.314	4.378	5.291	7.028	22.059	22.290	23.323	22.596	21.454	9.129
End-month Power Cap	mw	21	21	21	19	21	26	31	32	32	32	31	24