

RECLAMATION

Managing Water in the West

December 1, 2008

Dear Customer:

Attached is the monthly water supply outlook and projected reservoir and river operating plans as prepared in December 2008. After repairs were completed on the gates at Hebgen Dam in September and the normal releases out of Hebgen restored, streamflows into Canyon Ferry returned to well below normal. Inflow to Canyon Ferry during November was 79 percent of average, totaling 233,300 acre-feet. With storage in Canyon Ferry near average for this time of year, plans are to maintain fall and winter releases to the Missouri River downstream of Holter Dam at or above 4,100 cfs. If you have any questions or concerns or need further information, please call me during the day at (406) 247-7318.

Tim H. Felchle

Reservoir and River Operations



U. S. Department of the Interior
Bureau of Reclamation
Montana Area Office
River and Reservoir Operations

CANYON FERRY RESERVOIR OPERATIONS
Water Supply Forecasts and Reservoir Operations
December 1, 2008

Present Elevation & Storage: 3792.18 & 1,733,696 acre-feet (99 percent of normal)

Actual Inflows (1,000 Acre-Feet):

<u>Month</u>	<u>Inflow</u>	<u>Percent of Normal</u>
November	179.7	61
December	172.9	71
January	152.4	69
February	182.0	82
March	197.2	73
April	220.5	63
May	581.0	101
June	967.1	126
July	430.6	127
<i>April-July, 2008</i>	<i>2,199.2</i>	<i>108</i>
August	111.2	65
September	244.7	115
<i>WY-2008 Total</i>	<i>3,627.5</i>	<i>92</i>
October	195.8	68
November	233.3	79

December 1 Runoff Forecast - (1,000 Acre-Feet):

<u>Agency</u>	<u>Inflow</u>	<u>Percent of Normal</u>
USBR	174.2	72
NRCS	N.A.	----
<u>CORPS</u>	<u>N.A.</u>	<u>----</u>
Average	174.2	72

Snowpack Conditions:

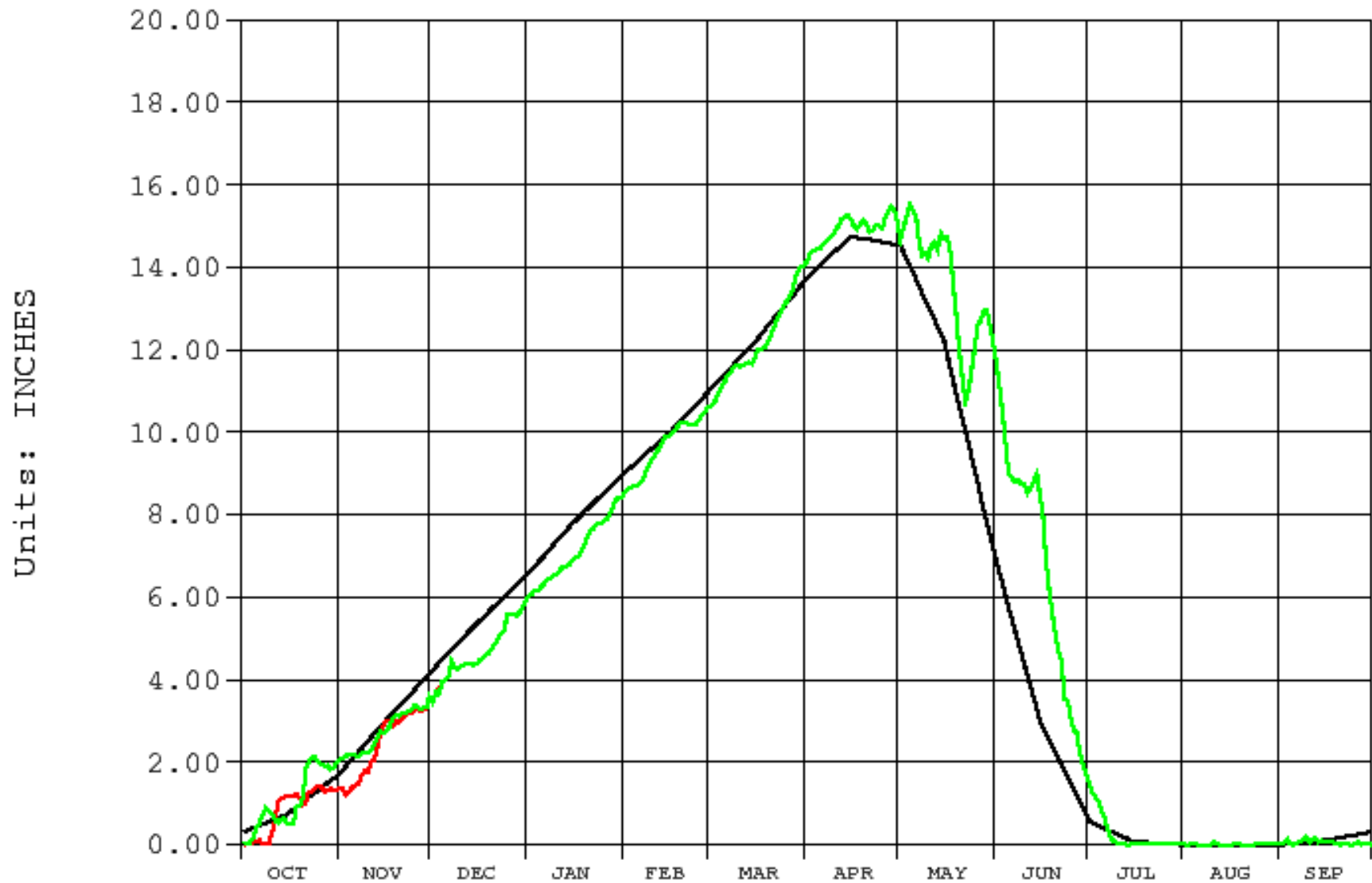
S N O W - P R E C I P I T A T I O N U P D A T E
Based on Mountain Data from NRCS SNOTEL Sites
As of MONDAY: DECEMBER 1 , 2008

BASIN Data Site Name	ELEV. (Ft)	SNOW WATER EQUIVALENT			TOTAL PRECIPITATION		
		Current	Average	Avg %	Current	Average	Avg %

JEFFERSON RIVER BASIN							
ALBRO LAKE	8300	7.5	5.3	142	9.0	6.6	136
BARKER LAKES	8250	4.9	4.5	109	7.1	5.2	137
BASIN CREEK	7180	1.7	2.4	71	4.3	3.0	143
BEAGLE SPRINGS	8850	2.7	2.1	129	5.1	3.4	150
BLOODY DICK	7600	2.3	3.1	74	5.3	4.9	108
CALVERT CREEK	6430	.3	1.8	17	3.2	3.1	103
CLOVER MEADOW	8600	4.1	5.2	79	5.2	5.3	98
DARKHORSE LAKE	8600	8.7	8.1	107	9.4	8.9	106
DIVIDE	7800	2.5	2.9	86	4.5	3.4	132
FROHNER MEADOW	6480	1.0	1.8	56	5.1	3.7	138
LAKEVIEW RIDGE	7400	1.5	2.7	56	6.0	4.6	130
LEMHI RIDGE	8100	2.8	2.8	100	4.9	4.1	120
LOWER TWIN	7900	5.9	5.5	107	9.1	6.9	132

MOOSE CREEK	6200	1.2	3.9	31	6.1	5.3	115
MULE CREEK	8300	4.0	4.0	100	5.7	5.1	112
ROCKER PEAK	8000	5.1	3.7	138	7.3	4.3	170
SADDLE MTN.	7940	3.7	6.1	61	5.8	7.2	81
SHORT CREEK	7000	.3	1.8	17	2.6	2.9	90
WHITE ELEPHANT	7710	3.6	6.4	56	6.7	8.0	84
Basin wide percent of average				86			117
MADISON RIVER BASIN							
ALBRO LAKE	8300	7.5	5.3	142	9.0	6.6	136
BEAVER CREEK	7850	3.7	4.4	84	5.7	6.3	90
BLACK BEAR	8170	6.5	9.6	68	9.7	10.5	92
CARROT BASIN	9000	6.1	7.8	78	9.0	7.9	114
CLOVER MEADOW	8600	4.1	5.2	79	5.2	5.3	98
LONE MOUNTAIN	8880	3.6	4.6	78	4.5	6.1	74
LOWER TWIN	7900	5.9	5.5	107	9.1	6.9	132
MADISON PLATEAU	7750	3.1	6.1	51	5.5	7.2	76
TEPEE CREEK	8000	2.1	3.4	62	3.6	4.4	82
WEST YELLOWSTONE	6700	.7	2.7	26	3.1	3.9	79
WHISKEY CREEK	6800	1.8	3.8	47	4.8	5.9	81
Basin wide percent of average				77			97
GALLATIN RIVER BASIN							
BEAVER CREEK	7850	3.7	4.4	84	5.7	6.3	90
BRACKETT CREEK	7320	3.9	4.9	80	10.2	7.3	140
CARROT BASIN	9000	6.1	7.8	78	9.0	7.9	114
LICK CREEK	6860	1.0	3.1	32	3.9	5.0	78
LONE MOUNTAIN	8880	3.6	4.6	78	4.5	6.1	74
SACAJAWEA	6550	.9	1.9	47	10.8	6.6	164
SHOWER FALLS	8100	6.4	6.3	102	7.7	7.7	100
Basin wide percent of average				78			110
MISSOURI HEADWATERS							
ALBRO LAKE	8300	7.5	5.3	142	9.0	6.6	136
BARKER LAKES	8250	4.9	4.5	109	7.1	5.2	137
BASIN CREEK	7180	1.7	2.4	71	4.3	3.0	143
BEAGLE SPRINGS	8850	2.7	2.1	129	5.1	3.4	150
BEAVER CREEK	7850	3.7	4.4	84	5.7	6.3	90
BLACK BEAR	8170	6.5	9.6	68	9.7	10.5	92
BLOODY DICK	7600	2.3	3.1	74	5.3	4.9	108
BRACKETT CREEK	7320	3.9	4.9	80	10.2	7.3	140
CALVERT CREEK	6430	.3	1.8	17	3.2	3.1	103
CARROT BASIN	9000	6.1	7.8	78	9.0	7.9	114
CLOVER MEADOW	8600	4.1	5.2	79	5.2	5.3	98
DARKHORSE LAKE	8600	8.7	8.1	107	9.4	8.9	106
DIVIDE	7800	2.5	2.9	86	4.5	3.4	132
FROHNER MEADOW	6480	1.0	1.8	56	5.1	3.7	138
LAKEVIEW RIDGE	7400	1.5	2.7	56	6.0	4.6	130
LEMHI RIDGE	8100	2.8	2.8	100	4.9	4.1	120
LICK CREEK	6860	1.0	3.1	32	3.9	5.0	78
LONE MOUNTAIN	8880	3.6	4.6	78	4.5	6.1	74
LOWER TWIN	7900	5.9	5.5	107	9.1	6.9	132
MADISON PLATEAU	7750	3.1	6.1	51	5.5	7.2	76
MOOSE CREEK	6200	1.2	3.9	31	6.1	5.3	115
MULE CREEK	8300	4.0	4.0	100	5.7	5.1	112
ROCKER PEAK	8000	5.1	3.7	138	7.3	4.3	170
SACAJAWEA	6550	.9	1.9	47	10.8	6.6	164
SADDLE MTN.	7940	3.7	6.1	61	5.8	7.2	81
SHORT CREEK	7000	.3	1.8	17	2.6	2.9	90
SHOWER FALLS	8100	6.4	6.3	102	7.7	7.7	100
TEPEE CREEK	8000	2.1	3.4	62	3.6	4.4	82
WEST YELLOWSTONE	6700	.7	2.7	26	3.1	3.9	79
WHISKEY CREEK	6800	1.8	3.8	47	4.8	5.9	81
WHITE ELEPHANT	7710	3.6	6.4	56	6.7	8.0	84
Basin wide percent of average				78			109

Archive Data From 1-OCT Through 30-SEP
Plotted 12/04/2008 13:26



BHR Bighorn Lake (Yellowtail), Bighorn River near Fort Smith, MT

SE_AVG Snow Water Equivalent Average (inches)

2009

SE Snow Water Equivalent (inches)

2009 2008

CANYON FERRY LAKE MONTHLY OPERATIONS

Canyon Ferry Reservoir		Initial Cont Elev 1733.7 kaf 3792.18 ft			Maximum Cont Elev 1993.0 kaf 3800.00 ft			Minimum Cont Elev 445.5 kaf 3732.31 ft					Total	
	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Reservoir Inflow	kaf	174.2	168.1	175.0	225.5	321.6	514.0	618.9	258.4	118.0	155.7	225.6	201.2	3156.2
Evaporation Loss	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	0.0
HV Canal Diversions	kaf	0.0	0.0	0.0	4.0	11.0	22.0	17.0	21.0	21.0	12.0	0.0	0.0	108.0
HV Pump Turbines	kaf	0.0	0.0	0.0	5.2	14.6	27.0	18.2	20.9	21.8	13.3	0.0	0.0	121.0
Turbine Release	kaf	243.1	279.5	252.4	274.3	266.4	286.6	317.8	223.9	222.6	221.4	240.9	234.2	3063.1
Turbine Release	cfs	3954	4546	4545	4461	4477	4661	5341	3641	3620	3721	3918	3936	
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	0.0
River Release	kaf	243.1	279.5	252.4	279.5	281.0	313.6	336.0	244.8	244.4	234.7	240.9	234.2	3184.1
River Release	cfs	3954	4546	4545	4546	4722	5100	5647	3981	3975	3944	3918	3936	
Min Release	cfs	3939	3928	3893	3880	3911	3959	3707	3981	3975	3944	3918	3936	
Total Dam Release	kaf	243.1	279.5	252.4	283.5	292.0	335.6	353.0	265.8	265.4	246.7	240.9	234.2	3292.1
Total Dam Release	cfs	3954	4546	4545	4611	4907	5458	5932	4323	4316	4146	3918	3936	
End-Month Content	kaf	1664.8	1553.4	1476.0	1418.0	1447.6	1626.0	1891.9	1884.5	1737.1	1646.1	1630.8	1597.8	
End-Month Elevation	ft	3790.0	3786.5	3784.0	3782.0	3783.0	3788.8	3797.0	3796.8	3792.3	3789.5	3789.0	3787.9	
Net Change	kaf	-68.9	-111.4	-77.4	-58.0	29.6	178.4	265.9	-7.4	-147.4	-91.0	-15.3	-33.0	-135.9
Canyon Ferry Power	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Turbine Release	cfs	3954	4546	4545	4461	4477	4661	5341	3641	3620	3721	3918	3936	
Tailwater Elev	ft	3650.8	3650.9	3650.9	3650.9	3650.9	3651.0	3651.0	3650.8	3650.8	3650.8	3650.8	3650.8	
Average Head	ft	140.3	137.4	134.4	132.1	131.6	135.0	142.0	146.1	143.8	140.1	138.4	137.6	
Average Power	mw	43.2	49.5	48.5	46.8	46.8	50.0	59.6	40.5	39.7	40.2	42.3	42.3	
Average Kwh/Af		132	132	129	127	127	130	135	135	133	131	131	130	131
Generation	gwh	32.163	36.821	32.585	34.842	33.725	37.170	42.898	30.139	29.559	28.958	31.471	30.478	400.809
End-Month Power Cap	mw	60	60	60	60	60	60	60	60	60	60	60	60	
Hauser	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	8.8	9.0	9.3	10.2	9.0	5.4	13.1	1.3	3.3	5.2	9.1	8.4	92.1
End-Month Content	kaf	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
Release	kaf	251.9	288.5	261.7	289.7	290.0	319.0	349.1	246.1	247.7	239.9	250.0	242.6	3276.2
Release	cfs	4097	4692	4712	4712	4874	5188	5867	4002	4028	4032	4066	4077	
Turbine Release	cfs	4097	4692	4712	4712	4740	4740	4740	4002	4028	4032	4066	4077	
Turbine Bypass	cfs	0	0	0	0	134	448	1127	0	0	0	0	0	
Generation	gwh	10.608	12.148	11.019	12.200	11.877	12.272	11.877	10.362	10.429	10.103	10.527	10.215	133.637
Holter	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	1.1	1.6	2.2	3.3	2.3	3.3	10.3	6.0	4.4	4.1	2.1	1.4	42.1
End-Month Content	kaf	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
Release	kaf	253.0	290.1	263.9	293.0	292.3	322.3	359.4	252.1	252.1	244.0	252.1	244.0	3318.3
Release	cfs	4115	4718	4752	4765	4912	5242	6040	4100	4100	4101	4100	4101	
Min Release	cfs	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	
Turbine Release	cfs	4115	4718	4752	4765	4912	5242	6040	4100	4100	4101	4100	4101	
Turbine Bypass	cfs	0	0	0	0	0	0	0	0	0	0	0	0	
Generation	gwh	21.553	24.712	22.481	24.958	24.898	27.456	30.616	21.475	21.475	20.787	21.475	20.787	282.673

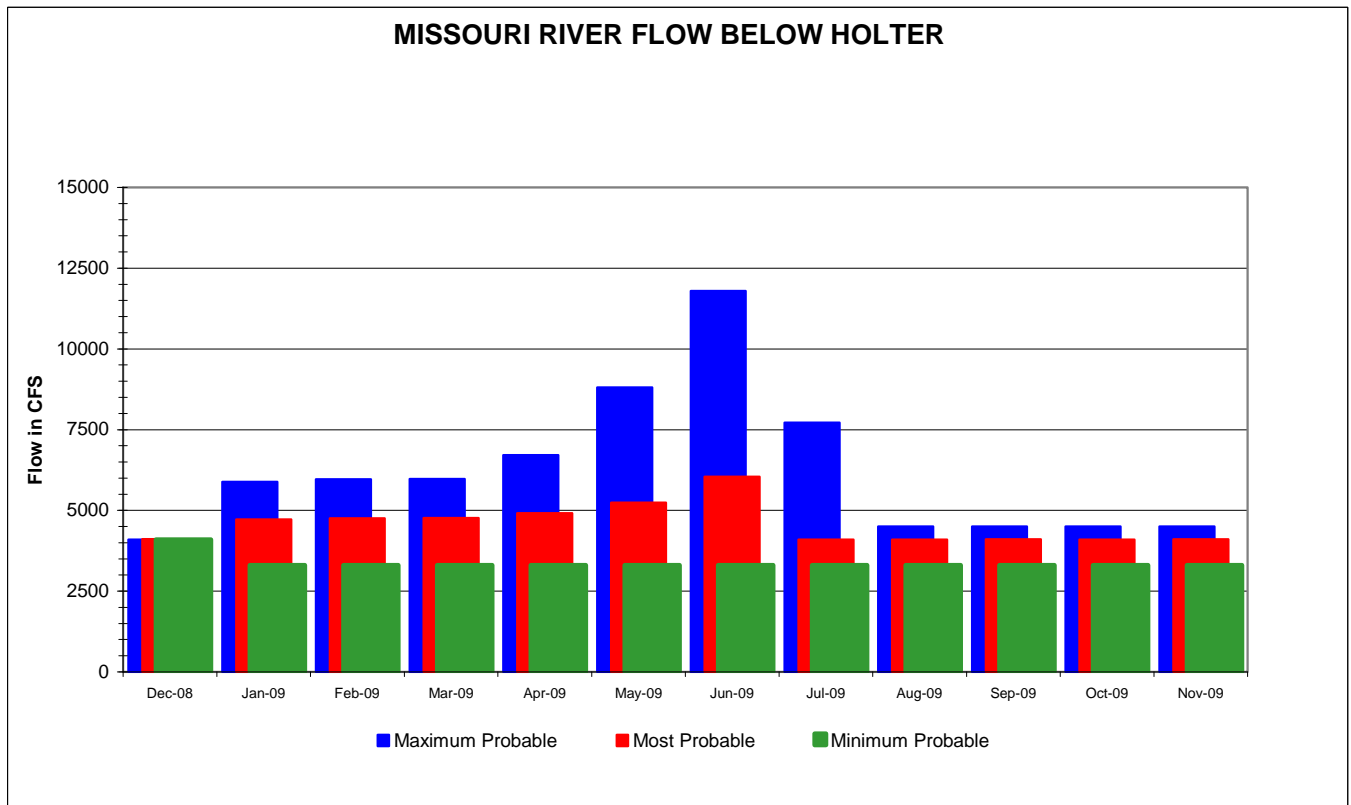
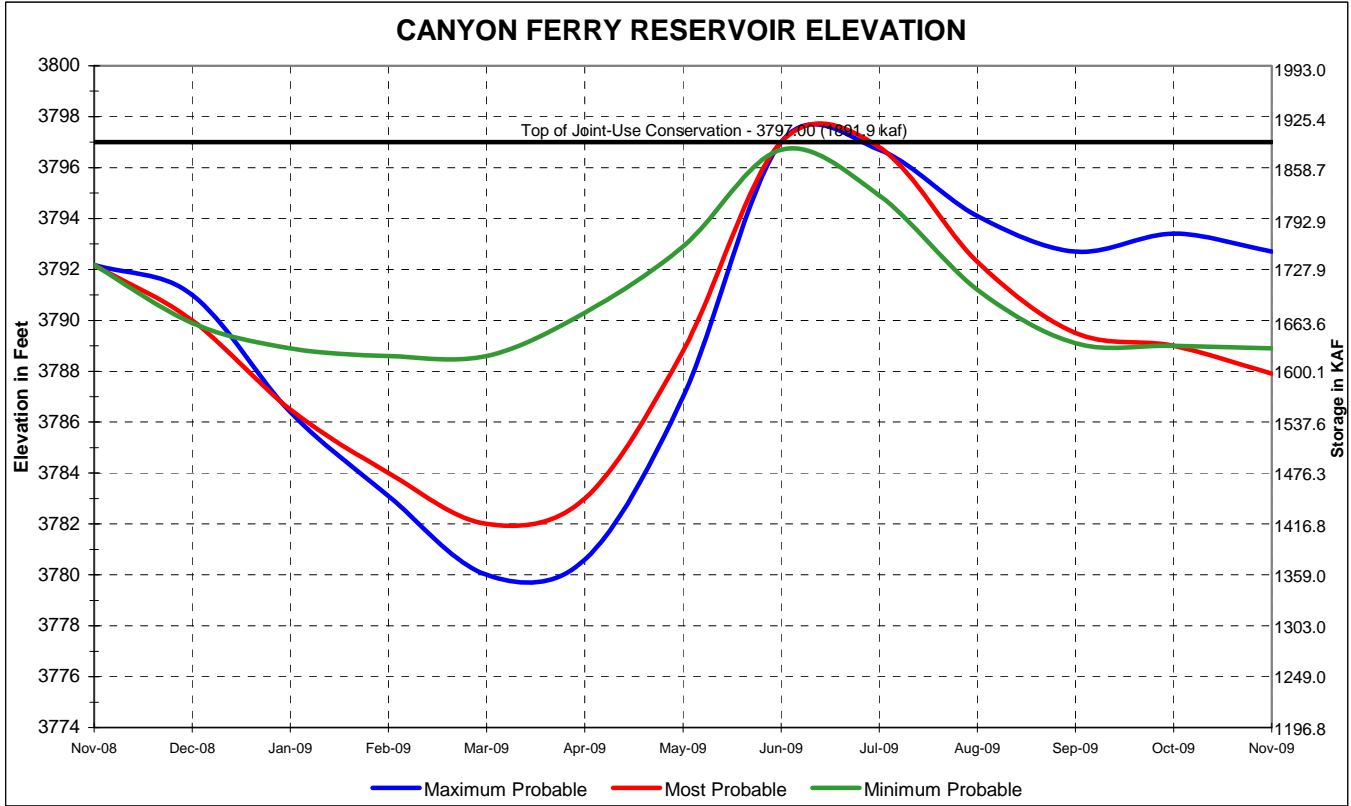
CANYON FERRY LAKE MONTHLY OPERATIONS

Canyon Ferry Reservoir		Initial Cont Elev 1733.7 kaf 3792.18 ft			Maximum Cont Elev 1993.0 kaf 3800.00 ft				Minimum Cont Elev 445.5 kaf 3732.31 ft				Total	
	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Reservoir Inflow	kaf	170.6	165.8	168.0	194.0	253.5	308.4	326.9	158.0	100.7	135.5	197.4	189.5	2368.3
Evaporation Loss	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	0.0
HV Canal Diversions	kaf	0.0	0.0	0.0	4.0	11.0	22.0	17.0	21.0	21.0	12.0	4.0	0.0	112.0
HV Pump Turbines	kaf	0.0	0.0	0.0	4.7	12.6	24.1	17.6	21.3	22.4	13.5	4.6	0.0	120.8
Turbine Release	kaf	244.4	198.3	175.0	187.7	174.9	177.2	169.1	175.0	176.5	178.7	192.8	190.3	2239.9
Turbine Release	cfs	3975	3225	3151	3053	2939	2882	2842	2846	2870	3003	3136	3198	
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	0.0
River Release	kaf	244.4	198.3	175.0	192.4	187.5	201.3	186.7	196.3	198.9	192.2	197.4	190.3	2360.7
River Release	cfs	3975	3225	3151	3129	3151	3274	3138	3193	3235	3230	3210	3198	
Min Release	cfs	3975	3225	3151	3129	3151	3274	3138	3193	3235	3230	3210	3198	
Total Dam Release	kaf	244.4	198.3	175.0	196.4	198.5	223.3	203.7	217.3	219.9	204.2	201.4	190.3	2472.7
Total Dam Release	cfs	3975	3225	3151	3194	3336	3632	3423	3534	3576	3432	3275	3198	
End-Month Content	kaf	1659.9	1627.4	1620.4	1618.0	1673.0	1758.1	1881.3	1822.0	1702.8	1634.1	1630.1	1629.3	
End-Month Elevation	ft	3789.9	3788.9	3788.6	3788.6	3790.3	3792.9	3796.7	3794.9	3791.2	3789.1	3789.0	3788.9	
Net Change	kaf	-73.8	-32.5	-7.0	-2.4	55.0	85.1	123.2	-59.3	-119.2	-68.7	-4.0	-0.8	-104.4
Canyon Ferry Power	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Turbine Release	cfs	3975	3225	3151	3053	2939	2882	2842	2846	2870	3003	3136	3198	
Tailwater Elev	ft	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	3650.8	
Average Head	ft	140.2	138.6	137.9	137.8	138.6	140.8	144.0	145.0	142.3	139.3	138.2	138.1	
Average Power	mw	43.5	33.5	32.5	31.2	29.9	29.5	29.5	29.7	29.6	30.8	32.3	33.1	
Average Kwh/Af		132	126	125	124	123	124	125	126	125	124	125	125	125
Generation	gwh	32.349	24.946	21.813	23.198	21.499	21.933	21.211	22.067	21.993	22.183	24.046	23.832	281.070
End-Month Power Cap	mw	60	60	60	60	60	60	60	60	60	60	60	60	
Hauser	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	7.1	4.5	7.2	8.6	7.8	0.4	1.9	1.9	0.9	1.8	4.0	4.8	50.9
End-Month Content	kaf	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
Release	kaf	251.5	202.8	182.2	201.0	195.3	201.7	188.6	198.2	199.8	194.0	201.4	195.1	2411.6
Release	cfs	4090	3298	3281	3269	3282	3280	3170	3223	3249	3260	3275	3279	
Turbine Release	cfs	4090	3298	3281	3269	3282	3280	3170	3223	3249	3260	3275	3279	
Turbine Bypass	cfs	0	0	0	0	0	0	0	0	0	0	0	0	
Generation	gwh	10.590	8.539	7.673	8.464	8.223	8.492	7.943	8.345	8.412	8.168	8.479	8.216	101.544
Holter	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	0.6	0.1	1.1	1.9	1.1	1.2	7.8	4.7	3.1	2.4	1.5	1.3	26.8
End-Month Content	kaf	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
Release	kaf	252.1	202.9	183.3	202.9	196.4	202.9	196.4	202.9	202.9	196.4	202.9	196.4	2438.4
Release	cfs	4100	3300	3300	3300	3301	3300	3301	3300	3300	3301	3300	3301	
Min Release	cfs	4100	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	
Turbine Release	cfs	4100	3300	3300	3300	3301	3300	3301	3300	3300	3301	3300	3301	
Turbine Bypass	cfs	0	0	0	0	0	0	0	0	0	0	0	0	
Generation	gwh	21.475	17.285	15.612	17.285	16.732	17.285	16.732	17.285	17.285	16.732	17.285	16.732	207.725

CANYON FERRY LAKE MONTHLY OPERATIONS

Canyon Ferry Reservoir		Initial Cont Elev 1733.7 kaf 3792.18 ft				Maximum Cont Elev 1993.0 kaf 3800.00 ft				Minimum Cont Elev 445.5 kaf 3732.31 ft				Total
	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Reservoir Inflow	kaf	203.7	202.5	216.1	264.6	412.0	734.5	992.1	462.6	192.8	219.4	286.7	235.9	4422.9
Evaporation Loss	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	0.0
HV Canal Diversions	kaf	0.0	0.0	0.0	4.0	11.0	22.0	17.0	21.0	21.0	12.0	4.0	0.0	112.0
HV Pump Turbines	kaf	0.0	0.0	0.0	5.4	15.4	28.3	18.5	20.9	21.5	12.7	4.3	0.0	127.0
Turbine Release	kaf	240.7	343.5	316.5	345.1	369.1	364.4	324.8	322.3	237.4	239.7	255.9	256.5	3615.9
Turbine Release	cfs	3915	5586	5699	5613	6203	5926	5458	5242	3861	4028	4162	4311	
Spill/Waste	kaf	0.0	6.9	0.0	0.0	0.0	124.9	309.8	108.7	0.0	0.0	0.0	0.0	550.3
River Release	kaf	240.7	350.4	316.5	350.5	384.5	517.6	653.1	451.9	258.9	252.4	260.2	256.5	4293.2
River Release	cfs	3915	5699	5699	5700	6462	8418	10976	7349	4211	4242	4232	4311	
Min Release	cfs	3915	3915	3833	3825	3850	3711	3284	3731	3807	3838	3828	3911	
Total Dam Release	kaf	240.7	350.4	316.5	354.5	395.5	539.6	670.1	472.9	279.9	264.4	264.2	256.5	4405.2
Total Dam Release	cfs	3915	5699	5699	5765	6647	8776	11261	7691	4552	4443	4297	4311	
End-Month Content	kaf	1696.7	1548.8	1448.4	1358.5	1375.0	1569.9	1891.9	1881.6	1794.5	1749.5	1772.0	1751.4	
End-Month Elevation	ft	3791.0	3786.4	3783.1	3780.0	3780.6	3787.0	3797.0	3796.7	3794.1	3792.7	3793.4	3792.7	
Net Change	kaf	-37.0	-147.9	-100.4	-89.9	16.5	194.9	322.0	-10.3	-87.1	-45.0	22.5	-20.6	17.7
Canyon Ferry Power	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Turbine Release	cfs	3915	5586	5699	5613	6203	5926	5458	5242	3861	4028	4162	4311	
Tailwater Elev	ft	3650.8	3651.0	3651.0	3651.0	3651.1	3651.4	3651.8	3651.2	3650.9	3650.9	3650.9	3650.9	
Average Head	ft	140.8	137.7	133.7	130.5	129.2	132.5	140.3	145.7	144.5	142.5	142.1	142.1	
Average Power	mw	42.9	60.0	59.1	56.9	59.7	60.0	60.0	60.0	43.1	44.7	46.3	48.2	
Average Kwh/Af		133	130	125	123	117	123	133	139	135	134	135	135	129
Generation	gwh	31.895	44.640	39.682	42.326	43.006	44.640	43.200	44.640	32.037	32.198	34.455	34.675	467.394
End-Month Power Cap	mw	60	60	60	60	60	60	60	60	60	60	60	60	
Hauser	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	9.4	8.9	11.9	13.3	11.8	17.2	34.1	13.3	10.8	10.0	13.0	9.3	163.0
End-Month Content	kaf	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
Release	kaf	250.1	359.3	328.4	363.8	396.3	534.8	687.2	465.2	269.7	262.4	273.2	265.8	4456.2
Release	cfs	4067	5843	5913	5917	6660	8698	11549	7566	4386	4410	4443	4467	
Turbine Release	cfs	4067	4740	4740	4740	4740	4740	4740	4740	4386	4410	4443	4467	
Turbine Bypass	cfs	0	1103	1173	1177	1920	3958	6809	2826	0	0	0	0	
Generation	gwh	10.530	12.272	11.085	12.272	11.877	12.272	11.877	12.272	11.356	11.050	11.503	11.193	139.559
Holter	2008	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Missouri Gain	kaf	2.0	2.5	2.9	3.6	3.1	6.7	14.5	9.4	7.2	5.6	3.7	2.0	63.2
End-Month Content	kaf	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
Release	kaf	252.1	361.8	331.3	367.4	399.4	541.5	701.7	474.6	276.9	268.0	276.9	267.8	4519.4
Release	cfs	4100	5884	5965	5975	6712	8807	11792	7719	4503	4504	4503	4501	
Min Release	cfs	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	
Turbine Release	cfs	4100	5884	5965	5975	6712	7100	7100	7100	4503	4504	4503	4501	
Turbine Bypass	cfs	0	0	0	0	0	1707	4692	619	0	0	0	0	
Generation	gwh	21.475	30.819	28.220	31.296	34.022	37.188	35.988	37.188	23.586	22.830	23.586	22.815	349.013

CANYON FERRY RESERVOIR



WATER YEAR 2009