

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2016

US ARMY CORPS OF ENGINEERS

Sep 2016	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
9/1	2233.78 +	0.40	1,700	7,800	0 +	7,800	5,000
9/2	2233.78	0.40	1,700	7,800	0 -	7,800	5,000
9/3	2233.71	0.30	2,000	8,200	0	8,200	5,000
9/4	2233.63	0.20	2,100	7,300	0	7,300	6,000
9/5	2233.71	0.00	2,100	8,400 +	0	8,400 +	8,000
9/6	2233.66	0.10	1,100 -	8,100	0	8,100	7,000
9/7	2233.64	0.20	2,100	8,100	0	8,100	6,000
9/8	2233.61	0.20	2,100	8,200	0	8,200	6,000
9/9	2233.52	0.20	2,100	8,100	0	8,100	5,000
9/10	2233.50	0.10	1,100	8,000	0	8,000	5,000
9/11	2233.43	0.20	2,100	8,300	0	8,300	5,000
9/12	2233.37	0.10	1,100	8,000	0	8,000	5,000
9/13	2233.36	0.10	1,100	7,500	0	7,500	5,000
9/14	2233.31	0.10	1,100	7,200	0	7,200	5,000
9/15	2233.30	0.10	1,100	6,400	0	6,400	4,000 -
9/16	2233.29	0.10	1,100	5,700	0	5,700	5,000
9/17	2233.27	0.20	2,100	4,900	0	4,900	5,000
9/18	2233.29	0.20	2,100	4,800	0	4,800	5,000
9/19	2233.23	0.20	2,100	4,600	0	4,600	5,000
9/20	2233.24	0.20	2,100	4,400	0	4,400	5,000
9/21	2233.22	0.00	2,100	3,800 -	0	3,800 -	6,000
9/22	2233.21 -	0.40	2,100	4,700	0	4,700	10,000
9/23	2233.35	0.00	2,100	4,600	0	4,600	16,000 +
9/24	2233.45	0.00	2,100	4,700	0	4,700	11,000
9/25	2233.37	0.10	1,300	4,700	0	4,700	7,000
9/26	2233.38	0.00	2,100	4,800	0	4,800	7,000
9/27	2233.34	0.20	2,100	4,700	0	4,700	7,000
9/28	2233.39	0.20	2,100	4,700	0	4,700	7,000
9/29	2233.37	0.20	2,100	5,100	0	5,100	7,000
9/30	2233.40	0.20	2,300 +	4,800	0	4,800	7,000
Total (DSF)		4.90	54,500	188,400	0	188,400	192,000
Total (ac-ft)			108,100	374,000	0	374,000	381,000
Mean	2233.44	0.16	1,800	6,300	0	6,300	6,400
Monthly Reservoir Storage:		EOM = 14,659,000		Change =		-101,000	
+ Max		Monthly Max = 14,751,000		Min =		14,625,000	
- Min		Monthly Precip = 0.00 inches					
Notes:							

Sep 2016

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2016

US ARMY CORPS OF ENGINEERS

Sep 2016	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW	
				POWER	SPILL	TOTAL	DIVERT	
9/1	1839.09	0.00	2,800 +	20,200	0 +	20,200	0 +	12,000 -
9/2	1839.07	0.00	2,800	19,900	0 -	19,900	0 -	12,000
9/3	1839.13 +	0.00	2,800	20,100	0	20,100	0	12,000
9/4	1839.01	0.00	2,800	19,900	0	19,900	0	13,000
9/5	1838.96	0.00	2,800	20,000	0	20,000	0	13,000
9/6	1838.85	0.00	2,800	20,000	0	20,000	0	12,000
9/7	1838.94	0.00	2,800	20,000	0	20,000	0	15,000
9/8	1838.86	0.00	2,800	18,700	0	18,700	0	18,000
9/9	1838.93	0.00	2,800	20,100	0	20,100	0	15,000
9/10	1838.73	0.00	2,800	20,000	0	20,000	0	14,000
9/11	1838.86	0.00	2,800	20,200	0	20,200	0	14,000
9/12	1838.71	0.00	2,800	20,300 +	0	20,300 +	0	14,000
9/13	1838.53	0.00	2,800	20,100	0	20,100	0	14,000
9/14	1838.47	0.00	2,800	20,100	0	20,100	0	14,000
9/15	1838.66	0.00	2,800	18,100	0	18,100	0	16,000
9/16	1838.48	0.00	2,800	18,300	0	18,300	0	17,000
9/17	1838.47	0.00	2,800	15,900	0	15,900	0	16,000
9/18	1838.35	0.00	2,800	16,000	0	16,000	0	15,000
9/19	1838.37	0.00	2,800	14,100	0	14,100	0	15,000
9/20	1838.38	0.00	2,800	14,000	0	14,000	0	15,000
9/21	1838.37	0.00	2,800	13,200	0	13,200	0	15,000
9/22	1838.17 -	0.00	2,800	13,300	0	13,300	0	14,000
9/23	1838.26	0.00	2,800	13,200	0	13,200	0	19,000
9/24	1838.54	0.00	2,800	13,200	0	13,200	0	27,000 +
9/25	1838.47	0.00	2,800	13,200	0	13,200	0	18,000
9/26	1838.40	0.00	2,800	13,200	0	13,200	0	15,000
9/27	1838.45	0.00	2,800	13,200	0	13,200	0	15,000
9/28	1838.38	0.00	2,800	13,400	0	13,400	0	15,000
9/29	1838.29	0.00	2,500 -	13,300	0	13,300	0	15,000
9/30	1838.36	0.00	2,500	13,000 -	0	13,000 -	0	15,000
Total (DSF)		0.00	83,400	508,200	0	508,200	0	454,000
Total (ac-ft)			165,400	1,008,000	0	1,008,000	0	900,000
Mean	1838.62	0.00	2,800	16,900	0	16,900	0	15,100
Monthly Reservoir Storage:				EOM = 18,040,000	Change = -273,000			
+ Max				Monthly Max = 18,287,000	Monthly Min = 18,017,000			
- Min				Monthly Precip = 0.00 inches				
Notes:								

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2016

US ARMY CORPS OF ENGINEERS

Sep 2016	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
9/1	1610.14	0.00	3,000 +	22,100	0 +	22,100	21,000
9/2	1610.21	0.00	3,000	22,900	0 -	22,900	21,000
9/3	1610.31	0.00	3,000	24,600	0	24,600	21,000
9/4	1610.78 +	0.00	3,000	21,700	0	21,700	22,000 +
9/5	1610.47	0.00	3,000	19,600	0	19,600	22,000
9/6	1610.36	0.00	3,000	19,900	0	19,900	21,000
9/7	1610.51	0.00	3,000	23,700	0	23,700	22,000
9/8	1610.29	0.00	3,000	25,000 +	0	25,000 +	22,000
9/9	1610.35	0.00	3,000	21,700	0	21,700	21,000
9/10	1610.11	0.00	2,900	21,800	0	21,800	21,000
9/11	1610.17	0.00	3,000	19,200	0	19,200	20,000
9/12	1610.35	0.00	3,000	21,500	0	21,500	20,000
9/13	1610.13	0.00	3,000	20,700	0	20,700	21,000
9/14	1610.05	0.00	2,900	19,300	0	19,300	21,000
9/15	1610.19	0.00	3,000	20,900	0	20,900	21,000
9/16	1610.21	0.00	3,000	20,000	0	20,000	21,000
9/17	1610.00	0.00	2,900	21,900	0	21,900	20,000
9/18	1610.12	0.00	3,000	19,200	0	19,200	19,000
9/19	1610.08	0.00	2,900	17,200	0	17,200	18,000
9/20	1610.17	0.00	3,000	17,900	0	17,900	18,000
9/21	1610.10	0.00	2,900	17,200	0	17,200	18,000
9/22	1610.05	0.00	2,900	17,400	0	17,400	15,000
9/23	1610.06	0.00	2,900	16,100	0	16,100	14,000
9/24	1609.86	0.00	2,900	15,300	0	15,300	14,000
9/25	1609.88	0.00	2,900	13,700	0	13,700	14,000
9/26	1609.91	0.00	2,900	12,800	0	12,800	13,000 -
9/27	1609.94	0.00	2,900	12,200 -	0	12,200 -	13,000
9/28	1609.89	0.00	2,900	13,000	0	13,000	13,000
9/29	1609.71 -	0.00	2,900	12,400	0	12,400	13,000
9/30	1609.82	0.00	2,700 -	13,000	0	13,000	13,000
Total (DSF)		0.00	88,400	563,900	0	563,900	553,000
Total (ac-ft)			175,300	1,118,000	0	1,118,000	1,097,000
Mean	1610.14	0.00	2,900	18,800	0	18,800	18,400
Monthly Reservoir Storage:				EOM = 19,428,000	Change = -197,000		
+ Max				Monthly Max = 19,617,000	Min = 19,428,000		
- Min				Monthly Precip = 20627.25 inches			
Notes:							

Sep 2016

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2016

US ARMY CORPS OF ENGINEERS

Sep 2016	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
9/1	1419.95	0.00	500 +	25,600	0 +	25,600	21,000
9/2	1419.70 -	0.00	500	26,600	0 -	26,600	21,000
9/3	1420.21	0.00	500	7,700	0	7,700	21,000
9/4	1421.07 +	0.00	500	7,100	0	7,100	29,000 +
9/5	1420.76	0.00	500	21,400	0	21,400	16,000
9/6	1420.69	0.00	500	22,300	0	22,300	19,000
9/7	1420.48	0.00	500	27,000	0	27,000	22,000
9/8	1420.30	0.00	500	27,500 +	0	27,500 +	25,000
9/9	1420.28	0.00	500	24,800	0	24,800	22,000
9/10	1420.60	0.00	500	4,700	0	4,700	15,000
9/11	1421.05	0.00	500	7,400	0	7,400	20,000
9/12	1420.94	0.00	500	23,800	0	23,800	21,000
9/13	1420.70	0.00	500	23,700	0	23,700	20,000
9/14	1420.48	0.00	500	22,700	0	22,700	19,000
9/15	1420.39	0.00	500	23,900	0	23,900	19,000
9/16	1420.28	0.00	500	22,900	0	22,900	19,000
9/17	1420.58	0.00	500	7,300	0	7,300	15,000
9/18	1421.04	0.00	500	7,100	0	7,100	21,000
9/19	1420.79	0.00	500	20,200	0	20,200	15,000
9/20	1420.74	0.00	500	20,300	0	20,300	17,000
9/21	1420.56	0.00	500	19,800	0	19,800	17,000
9/22	1420.46	0.00	500	19,600	0	19,600	16,000
9/23	1420.20	0.00	500	19,400	0	19,400	16,000
9/24	1420.72	0.00	500	5,600	0	5,600	16,000
9/25	1420.76	0.00	500	4,200 -	0	4,200 -	12,000 -
9/26	1420.74	0.00	500	15,200	0	15,200	12,000
9/27	1420.57	0.00	500	15,000	0	15,000	12,000
9/28	1420.50	0.00	500	14,800	0	14,800	12,000
9/29	1420.24	0.00	500	15,000	0	15,000	12,000
9/30	1420.13	0.00	300 -	15,100	0	15,100	12,000
Total (DSF)		0.00	14,800	517,700	0	517,700	534,000
Total (ac-ft)			29,400	1,027,000	0	1,027,000	1,059,000
Mean	1420.53	0.00	500	17,300	0	17,300	17,800
Monthly Reservoir Storage:				EOM = 1,650,000	Change =		3,000
+ Max				Monthly Max = 1,693,000	Min =		1,625,000
- Min				Monthly Precip = 0.85 inches			
Notes:							

Sep 2016

