

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
9/1	2229.35	0.30	3,000	7,400	0 +	7,400	6,000 -
9/2	2229.35	0.30	3,000	7,300	0 -	7,300	8,000
9/3	2229.36 +	0.40	4,100 +	7,300	0	7,300	8,000
9/4	2229.32	0.40	4,100	7,700	0	7,700	8,000
9/5	2229.25	0.10	1,000 -	7,600	0	7,600	7,000
9/6	2229.22	0.20	2,000	7,500	0	7,500	6,000
9/7	2229.18	0.10	1,000	7,500	0	7,500	6,000
9/8	2229.11	0.30	3,000	7,500	0	7,500	6,000
9/9	2229.09	0.20	2,000	7,200	0	7,200	6,000
9/10	2229.11	0.20	2,000	7,200	0	7,200	8,000
9/11	2229.09	0.20	2,000	6,900	0	6,900	7,000
9/12	2229.09	0.30	2,000	6,700 -	0	6,700 -	7,000
9/13	2229.08	0.10	1,000	6,900	0	6,900	7,000
9/14	2229.04	0.30	2,000	7,000	0	7,000	7,000
9/15	2228.98	0.30	2,000	7,100	0	7,100	7,000
9/16	2229.00	0.20	2,000	7,200	0	7,200	7,000
9/17	2228.98	0.30	2,000	7,500	0	7,500	7,000
9/18	2228.94	0.30	2,000	7,300	0	7,300	6,000
9/19	2228.89	0.20	2,000	7,600	0	7,600	6,000
9/20	2228.84	0.20	2,000	7,200	0	7,200	6,000
9/21	2228.83	0.20	2,000	7,400	0	7,400	6,000
9/22	2228.84	0.20	2,000	7,200	0	7,200	6,000
9/23	2228.86	0.10	1,200	7,300	0	7,300	15,000 +
9/24	2228.89	0.10	1,100	7,500	0	7,500	7,000
9/25	2228.83	0.20	2,000	7,500	0	7,500	7,000
9/26	2228.80	0.20	2,000	7,200	0	7,200	7,000
9/27	2228.90	0.20	2,000	7,700	0	7,700	8,000
9/28	2228.78 -	0.20	2,000	7,800	0	7,800	9,000
9/29	2228.78	0.20	2,000	7,900	0	7,900	8,000
9/30	2228.82	0.30	3,000	8,000 +	0	8,000 +	8,000
Total (DSF)		6.80	63,500	221,100	0	221,100	217,000
Total (ac-ft)			126,000	439,000	0	439,000	430,000
Mean	2229.02	0.23	2,100	7,400	0	7,400	7,200
Monthly Reservoir Storage:		EOM = 13,711,000		Change =		-134,000	
+ Max		Monthly Max = 13,836,000		Min =		13,711,000	
- Min		Monthly Precip = 0.00 inches					
Notes:							
Sep 2023							

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW	
				POWER	SPILL	TOTAL	DIVERT	
9/1	1841.35 +	0.00	2,900 -	22,100	0 +	22,100	0 +	15,000
9/2	1841.35	0.00	2,900	22,100	0 -	22,100	0 -	15,000
9/3	1841.22	0.00	2,900	22,000	0	22,000	0	15,000
9/4	1841.27	0.00	2,900	22,100	0	22,100	0	14,000
9/5	1841.17	0.00	2,900	22,200	0	22,200	0	13,000 -
9/6	1841.01	0.00	2,900	22,100	0	22,100	0	14,000
9/7	1841.19	0.00	2,900	22,100	0	22,100	0	14,000
9/8	1840.96	0.00	2,900	22,100	0	22,100	0	14,000
9/9	1840.89	0.00	2,900	22,300	0	22,300	0	14,000
9/10	1840.83	0.00	2,900	22,200	0	22,200	0	14,000
9/11	1840.61	0.00	2,900	22,200	0	22,200	0	14,000
9/12	1840.58	0.00	2,900	22,300	0	22,300	0	15,000
9/13	1840.68	0.00	2,900	22,300	0	22,300	0	17,000
9/14	1840.68	0.00	2,900	22,600 +	0	22,600 +	0	17,000
9/15	1840.53	0.00	2,900	22,100	0	22,100	0	16,000
9/16	1840.44	0.00	3,000 +	19,900	0	19,900	0	16,000
9/17	1840.43	0.00	3,000	19,900	0	19,900	0	16,000
9/18	1840.38	0.00	3,000	18,000	0	18,000	0	15,000
9/19	1840.37	0.00	3,000	17,900	0	17,900	0	15,000
9/20	1840.39	0.00	3,000	18,000	0	18,000	0	15,000
9/21	1840.21 -	0.00	3,000	17,200	0	17,200	0	15,000
9/22	1840.32	0.00	2,900	17,100	0	17,100	0	15,000
9/23	1840.46	0.00	2,900	17,100	0	17,100	0	34,000 +
9/24	1840.42	0.00	2,900	17,000	0	17,000	0	16,000
9/25	1840.33	0.00	2,900	17,000	0	17,000	0	16,000
9/26	1840.28	0.00	2,900	17,100	0	17,100	0	16,000
9/27	1840.25	0.00	2,900	17,300	0	17,300	0	16,000
9/28	1840.37	0.00	2,900	16,900	0	16,900	0	22,000
9/29	1840.31	0.00	2,900	16,800 -	0	16,800 -	0	23,000
9/30	1840.30	0.00	2,900	17,000	0	17,000	0	23,000
Total (DSF)		0.00	87,600	597,000	0	597,000	0	494,000
Total (ac-ft)			173,800	1,184,000	0	1,184,000	0	980,000
Mean	1840.65	0.00	2,900	19,900	0	19,900	0	16,500
Monthly Reservoir Storage:				EOM = 18,635,000	Change = -378,000			
+ Max				Monthly Max = 18,993,000	Monthly Min = 18,618,000			
- Min				Monthly Precip = 0.10 inches				
Notes:								

Sep 2023

MONTHLY RESERVOIR OPERATION

OAHE

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
9/1	1602.85 +	0.00	2,600 +	33,200	0 +	33,200	23,000
9/2	1602.79	0.00	2,600	33,300	0 -	33,300	23,000
9/3	1602.79	0.00	2,600	33,100	0	33,100	23,000
9/4	1602.73	0.00	2,600	34,500	0	34,500	23,000
9/5	1602.55	0.00	2,600	34,500	0	34,500	24,000
9/6	1602.40	0.00	2,600	34,500	0	34,500	24,000
9/7	1602.32	0.00	2,600	35,600	0	35,600	25,000
9/8	1602.20	0.00	2,600	35,700	0	35,700	25,000
9/9	1602.22	0.00	2,600	33,100	0	33,100	25,000
9/10	1601.98	0.00	2,600	32,700	0	32,700	25,000
9/11	1601.93	0.00	2,600	37,200	0	37,200	25,000
9/12	1601.82	0.00	2,600	37,300	0	37,300	25,000
9/13	1601.56	0.00	2,600	37,400 +	0	37,400 +	24,000
9/14	1601.63	0.00	2,600	35,500	0	35,500	24,000
9/15	1601.56	0.00	2,600	35,400	0	35,400	23,000
9/16	1601.49	0.00	2,600	33,300	0	33,300	23,000
9/17	1601.39	0.00	2,600	29,300	0	29,300	23,000
9/18	1601.29	0.00	2,600	33,000	0	33,000	23,000
9/19	1601.31	0.00	2,600	32,600	0	32,600	23,000
9/20	1601.23	0.00	2,600	32,600	0	32,600	22,000
9/21	1601.04	0.00	2,600	33,600	0	33,600	22,000
9/22	1600.89	0.00	2,600	34,000	0	34,000	21,000
9/23	1600.89	0.00	2,600	33,300	0	33,300	30,000 +
9/24	1600.89	0.00	2,500 -	28,300	0	28,300	28,000
9/25	1600.75	0.00	2,500	29,100	0	29,100	19,000
9/26	1600.65	0.00	2,500	28,400	0	28,400	18,000 -
9/27	1600.46	0.00	2,500	29,300	0	29,300	18,000
9/28	1600.48	0.00	2,500	29,200	0	29,200	18,000
9/29	1600.49	0.00	2,500	29,000	0	29,000	18,000
9/30	1600.34 -	0.00	2,500	27,800 -	0	27,800 -	19,000
Total (DSF)		0.00	77,300	985,800	0	985,800	686,000
Total (ac-ft)			153,300	1,955,000	0	1,955,000	1,361,000
Mean	1601.56	0.00	2,600	32,900	0	32,900	22,900
Monthly Reservoir Storage:				EOM = 16,540,000	Change = -748,000		
+ Max				Monthly Max = 17,263,000	Min = 16,540,000		
- Min				Monthly Precip = 0.00 inches			
Notes:							

Sep 2023

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
9/1	1420.13 -	0.00	500 -	36,500	0 +	36,500	33,000
9/2	1420.59	0.00	700 +	21,400	0 -	21,400	34,000
9/3	1420.96	0.00	700	20,800	0	20,800	33,000
9/4	1420.96	0.00	700	36,900	0	36,900	34,000
9/5	1420.85	0.00	500	36,800	0	36,800	34,000
9/6	1420.58	0.00	500	37,000	0	37,000	34,000
9/7	1420.51	0.00	500	37,500	0	37,500	35,000
9/8	1420.53	0.00	500	36,300	0	36,300	37,000 +
9/9	1420.82	0.00	500	25,200	0	25,200	35,000
9/10	1421.19 +	0.00	500	19,500	0	19,500	31,000
9/11	1421.08	0.00	500	37,800	0	37,800	36,000
9/12	1420.92	0.00	500	38,300	0	38,300	36,000
9/13	1420.92	0.00	500	38,200	0	38,200	37,000
9/14	1420.95	0.00	500	37,100	0	37,100	36,000
9/15	1420.75	0.00	500	37,400	0	37,400	35,000
9/16	1420.89	0.00	500	28,600	0	28,600	32,000
9/17	1420.78	0.00	500	28,700	0	28,700	27,000
9/18	1420.64	0.00	500	38,700	0	38,700	32,000
9/19	1420.49	0.00	500	38,700	0	38,700	34,000
9/20	1420.22	0.00	500	38,800 +	0	38,800 +	33,000
9/21	1420.14	0.00	500	35,000	0	35,000	34,000
9/22	1420.13	0.00	500	34,900	0	34,900	34,000
9/23	1420.64	0.00	500	21,700	0	21,700	37,000
9/24	1421.03	0.00	500	16,400 -	0	16,400 -	29,000
9/25	1420.88	0.00	500	32,700	0	32,700	29,000
9/26	1420.68	0.00	500	35,000	0	35,000	29,000
9/27	1420.43	0.00	500	33,200	0	33,200	29,000
9/28	1420.45	0.00	500	33,400	0	33,400	31,000
9/29	1420.30	0.00	500	32,900	0	32,900	30,000
9/30	1420.62	0.00	500	16,400	0	16,400	26,000 -
Total (DSF)		0.00	15,600	961,800	0	961,800	986,000
Total (ac-ft)			30,900	1,908,000	0	1,908,000	1,956,000
Mean	1420.67	0.00	500	32,100	0	32,100	32,900
Monthly Reservoir Storage:				EOM = 1,667,000	Change =		17,000
+ Max				Monthly Max = 1,702,000	Min =		1,639,000
- Min				Monthly Precip = 1.30 inches			
Notes:							

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
9/1	1354.62	0.00	800 +	30,500	2,800	33,300	35,000
9/2	1354.54	0.00	800	30,500	2,800	33,300	29,000
9/3	1354.18	0.00	800	30,500	2,800	33,300	21,000
9/4	1354.37	0.00	800	31,000	2,700	33,700	29,000
9/5	1354.30	0.00	800	30,400	2,800	33,200	36,000
9/6	1354.14	0.00	800	30,600	2,800	33,400	36,000
9/7	1354.16	0.00	800	30,600	3,300	33,900	35,000
9/8	1354.26	0.00	800	30,600	3,900	34,500	37,000
9/9	1354.14	0.00	800	30,800	3,900	34,700	32,000
9/10	1353.84	0.00	700	30,800	3,800	34,600	22,000
9/11	1353.64	0.00	700	30,900	4,100 +	35,000 +	26,000
9/12	1353.60 -	0.00	800	30,900	3,500	34,400	35,000
9/13	1353.62	0.00	800	31,000	2,700	33,700	36,000
9/14	1353.82	0.00	800	30,900	2,700	33,600	43,000 +
9/15	1354.09	0.00	800	29,900	2,700	32,600	43,000
9/16	1354.14	0.00	600	29,100 -	2,800	31,900	36,000
9/17	1353.97	0.00	800	29,300	2,700	32,000	27,000
9/18	1354.13	0.00	800	30,000	2,700	32,700	38,000
9/19	1354.16	0.00	800	30,400	2,800	33,200	38,000
9/20	1354.35	0.00	800	30,600	2,800	33,400	38,000
9/21	1354.48	0.00	500 -	30,600	2,400	33,000	42,000
9/22	1354.69	0.00	500	30,500	800	31,300	41,000
9/23	1354.84 +	0.00	700	30,700	0 -	30,700	37,000
9/24	1354.58	0.00	600	29,500	0	29,500 -	20,000 -
9/25	1354.43	0.00	800	29,500	0	29,500	24,000
9/26	1354.41	0.00	800	30,900	1,100	32,000	31,000
9/27	1354.22	0.00	800	31,200 +	2,700	33,900	30,000
9/28	1354.33	0.00	800	30,800	3,300	34,100	35,000
9/29	1354.35	0.00	800	30,400	3,300	33,700	36,000
9/30	1354.05	0.00	800	30,600	3,300	33,900	23,000
Total (DSF)		0.00	22,700	914,000	78,000	992,000	991,000
Total (ac-ft)			45,000	1,813,000	155,000	1,968,000	1,966,000
Mean	1354.22	0.00	800	30,500	2,600	33,100	33,000
Monthly Reservoir Storage:				EOM = 3,328,000	Change =		-47,000
+ Max				Monthly Max = 3,393,000	Min =		3,289,000
- Min				Monthly Precip = 0.00 inches			
Notes:							

Sep 2023

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

Sep-2023

US ARMY CORPS OF ENGINEERS

Sep 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
9/1	1206.38 -	0.10	0 -	33,500	300 -	33,800 -	35,000
9/2	1206.50	0.10	0	33,500	500	34,000	35,000
9/3	1206.52	0.10	0	33,500	700	34,200	35,000
9/4	1206.48	0.10	0	33,400	1,100	34,500	34,000
9/5	1206.63	0.10	100 +	33,400	1,100	34,500	35,000
9/6	1206.52	0.10	100	33,100	1,400	34,500	34,000
9/7	1206.47	0.10	100	32,800 -	1,900 +	34,700	34,000
9/8	1206.47	0.10	0	33,400	1,600	35,000	35,000
9/9	1206.56	0.10	0	33,400	1,600	35,000	37,000 +
9/10	1206.78	0.10	0	33,500	1,600	35,100	37,000
9/11	1206.91	0.10	0	33,900	1,600	35,500 +	37,000
9/12	1206.94	0.10	0	33,700	1,600	35,300	37,000
9/13	1207.18	0.10	0	33,400	1,600	35,000	37,000
9/14	1207.31	0.10	0	33,400	1,600	35,000	36,000
9/15	1207.42	0.10	0	33,400	1,600	35,000	36,000
9/16	1207.42	0.10	100	33,400	1,600	35,000	36,000
9/17	1207.31	0.10	100	33,400	1,600	35,000	34,000
9/18	1207.24	0.10	0	33,400	1,600	35,000	34,000
9/19	1207.21	0.10	0	33,400	1,600	35,000	34,000
9/20	1207.16	0.10	0	33,400	1,600	35,000	35,000
9/21	1207.47	0.10	100	33,400	1,600	35,000	36,000
9/22	1207.44	0.10	100	33,400	1,600	35,000	37,000
9/23	1207.61 +	0.10	0	33,400	1,600	35,000	37,000
9/24	1207.56	0.10	100	33,400	1,600	35,000	35,000
9/25	1207.42	0.10	0	33,400	1,600	35,000	33,000
9/26	1207.05	0.10	0	33,400	1,600	35,000	30,000 -
9/27	1206.83	0.10	0	34,000	1,000	35,000	32,000
9/28	1206.76	0.10	0	34,300 +	700	35,000	35,000
9/29	1206.93	0.10	0	34,100	900	35,000	37,000
9/30	1206.94	0.10	100	34,100	800	34,900	35,000
Total (DSF)		3.00	900	1,005,200	40,800	1,046,000	1,054,000
Total (ac-ft)			1,800	1,994,000	81,000	2,075,000	2,091,000
Mean	1206.98	0.10	0	33,500	1,400	34,900	35,100
Monthly Reservoir Storage:		EOM =		349,000	Change =		14,000
+ Max		Monthly Max =		365,000	Min =		337,000
- Min		Monthly Precip = 0.00 inches					
Notes:							
Sep 2023							