

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		DEPTH INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
5/1	2231.25	0.08	700	12,100	4,700	16,800	8,000
5/2	2231.10	0.09	800	12,400 +	5,400 +	17,800 +	7,000
5/3	2230.94	0.10	900	12,300	5,300	17,600	5,000
5/4	2230.83	0.09	800	12,300	4,000	16,300	5,000
5/5	2230.76 -	0.10	800	12,100	2,300	14,400	4,000 -
5/6	2230.93	0.07	600	12,300	600	12,900	31,000 +
5/7	2230.96	0.06	500	12,300	0 -	12,300	18,000
5/8	2231.03	0.03	200 -	10,800	0	10,800	17,000
5/9	2231.11	0.03	300	10,000 -	0	10,000 -	19,000
5/10	2231.15	0.03	300	10,100	0	10,100	15,000
5/11	2231.15	0.04	400	10,200	0	10,200	15,000
5/12	2231.26	0.05	400	10,200	0	10,200	14,000
5/13	2231.22	0.05	400	10,500	0	10,500	13,000
5/14	2231.26	0.06	500	10,200	0	10,200	13,000
5/15	2231.31	0.06	500	10,200	0	10,200	14,000
5/16	2231.31	0.06	500	10,000	0	10,000	15,000
5/17	2231.53	0.09	700	10,100	0	10,100	16,000
5/18	2231.46	0.13	1,100	10,100	0	10,100	16,000
5/19	2231.53	0.14	1,100	10,200	0	10,200	15,000
5/20	2231.50	0.12	1,000	10,200	0	10,200	14,000
5/21	2231.50	0.10	900	10,400	0	10,400	13,000
5/22	2231.54	0.10	900	10,100	0	10,100	13,000
5/23	2231.63	0.13	900	10,200	0	10,200	12,000
5/24	2231.60	0.12	1,000	10,100	0	10,100	12,000
5/25	2231.61	0.10	900	10,200	0	10,200	12,000
5/26	2231.56	0.09	700	10,100	0	10,100	12,000
5/27	2231.60	0.09	800	10,500	0	10,500	12,000
5/28	2231.60	0.10	900	10,300	0	10,300	12,000
5/29	2231.60	0.09	800	10,100	0	10,100	12,000
5/30	2232.14 +	0.14	1,200	10,400	0	10,400	11,000
5/31	2231.64	0.16	1,300 +	10,200	0	10,200	11,000
Total (DSF)		2.70	22,800	331,200	22,300	353,500	406,000
Total (ac-ft)			45,200	657,000	44,000	701,000	805,000
Mean	2231.34	0.09	700	10,700	700	11,400	13,100
Monthly Reservoir Storage:				EOM = 14,288,000	Change =		59,000
+ Max				Monthly Max = 14,290,000	Min =		14,114,000
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In: 22Jan2024; Ice Out: 11Apr2024							
May 2024							

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				INFLOW
		DEPTH INCH	FLOW CFS	OUTFLOW				
				POWER	SPILL	TOTAL	DIVERT	
5/1	1835.42 -	0.06	700	16,000 -	0 +	16,000 -	200 +	28,000
5/2	1835.58	0.06	800	16,000	0 -	16,000	200	27,000 -
5/3	1835.55	0.08	1,000	16,000	0	16,000	0 -	27,000
5/4	1835.60	0.07	900	16,100	0	16,100	0	27,000
5/5	1835.53	0.09	1,000	18,000	0	18,000	0	27,000
5/6	1835.69	0.05	600	17,900	0	17,900	0	32,000
5/7	1835.91	0.04	400	17,900	0	17,900	0	36,000
5/8	1836.03	0.01	200 -	17,900	0	17,900	0	38,000
5/9	1836.13	0.03	400	18,000	0	18,000	0	36,000
5/10	1836.19	0.06	700	17,900	0	17,900	0	34,000
5/11	1836.34	0.06	800	17,800	0	17,800	0	36,000
5/12	1836.40	0.07	900	17,800	0	17,800	0	35,000
5/13	1836.19	0.07	900	21,000	0	21,000	0	30,000
5/14	1836.60	0.07	900	21,000	0	21,000	0	30,000
5/15	1836.62	0.06	800	21,000	0	21,000	0	32,000
5/16	1836.71	0.05	700	21,000	0	21,000	0	31,000
5/17	1836.85	0.05	700	21,100 +	0	21,100 +	0	30,000
5/18	1836.70	0.10	1,200	20,800	0	20,800	0	30,000
5/19	1836.87	0.11	1,400	21,000	0	21,000	0	33,000
5/20	1836.93	0.12	1,500 +	21,000	0	21,000	0	34,000
5/21	1837.02	0.08	1,100	21,100	0	21,100	0	34,000
5/22	1837.00	0.07	1,000	21,100	0	21,100	0	33,000
5/23	1837.03	0.09	1,000	21,000	0	21,000	0	36,000
5/24	1837.26	0.10	1,300	21,000	0	21,000	200	39,000
5/25	1837.34	0.09	1,200	21,000	0	21,000	200	39,000
5/26	1837.52	0.08	1,000	21,000	0	21,000	200	39,000
5/27	1837.52	0.06	800	21,100	0	21,100	0	36,000
5/28	1837.55	0.07	900	21,100	0	21,100	0	36,000
5/29	1837.72	0.08	1,000	21,000	0	21,000	0	38,000
5/30	1838.06 +	0.10	1,300	21,100	0	21,100	0	46,000 +
5/31	1837.80	0.10	1,400	20,900	0	20,900	0	38,000
Total (DSF)		2.24	28,500	606,600	0	606,600	1,000	1,047,000
Total (ac-ft)			56,500	1,203,000	0	1,203,000	2,000	2,077,000
Mean	1836.63	0.07	900	19,600	0	19,600	0	33,800
Monthly Reservoir Storage:				EOM = 17,898,000	Change = 815,000			
+ Max				Monthly Max = 17,898,000	Monthly Min = 17,105,000			
- Min				Monthly Precip = 0.00 inches				
Notes: Ice In: 18Jan2024; Ice Out: 18Apr2024								
May 2024								

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		DEPTH INCH	FLOW CFS	POWER	SPILL	TOTAL	
5/1	1601.91 -	0.06	700	21,800	0 +	21,800	21,000
5/2	1602.22	0.07	800	21,900	0 -	21,900	20,000 -
5/3	1602.12	0.08	1,000	21,400	0	21,400	21,000
5/4	1602.12	0.08	900	21,300	0	21,300	21,000
5/5	1602.00	0.08	1,000	13,900	0	13,900	21,000
5/6	1601.93	0.05	700	17,100	0	17,100	21,000
5/7	1602.26	0.06	800	17,100	0	17,100	21,000
5/8	1602.27	0.05	600 -	17,100	0	17,100	32,000 +
5/9	1602.27	0.07	800	17,100	0	17,100	21,000
5/10	1602.31	0.06	700	19,100	0	19,100	21,000
5/11	1602.31	0.06	700	17,900	0	17,900	21,000
5/12	1602.32	0.07	900	16,300	0	16,300	21,000
5/13	1602.36	0.07	900	16,700	0	16,700	21,000
5/14	1602.40	0.09	1,200	16,600	0	16,600	22,000
5/15	1602.42	0.07	1,200	16,600	0	16,600	24,000
5/16	1602.52	0.06	1,200	16,600	0	16,600	25,000
5/17	1602.93	0.04	1,000	16,400	0	16,400	25,000
5/18	1602.58	0.09	1,300	14,400	0	14,400	25,000
5/19	1602.74	0.11	1,300	10,900	0	10,900	26,000
5/20	1602.79	0.12	1,500 +	17,000	0	17,000	26,000
5/21	1602.80	0.10	1,200	17,100	0	17,100	25,000
5/22	1602.80	0.10	1,200	17,100	0	17,100	25,000
5/23	1602.90	0.09	1,200	17,000	0	17,000	25,000
5/24	1602.65	0.12	1,400	16,900	0	16,900	25,000
5/25	1603.05	0.11	1,300	15,300	0	15,300	25,000
5/26	1603.03	0.10	1,200	10,800 -	0	10,800 -	25,000
5/27	1603.20	0.08	1,300	17,200	0	17,200	25,000
5/28	1603.12	0.08	1,000	21,000	0	21,000	24,000
5/29	1602.96	0.11	1,300	22,200	0	22,200	24,000
5/30	1603.28 +	0.09	1,100	22,600	0	22,600	24,000
5/31	1603.03	0.09	1,100	23,900 +	0	23,900 +	24,000
Total (DSF)		2.53	32,500	548,300	0	548,300	727,000
Total (ac-ft)			64,500	1,088,000	0	1,088,000	1,442,000
Mean	1602.57	0.08	1,000	17,700	0	17,700	23,500
Monthly Reservoir Storage:				EOM = 17,351,000	Change = 290,000		
+ Max				Monthly Max = 17,353,000	Min = 17,048,000		
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In: 22Jan2024; Ice Out: 27Feb2024							

May 2024

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		DEPTH INCH	FLOW CFS	POWER	SPILL	TOTAL	
5/1	1420.92	0.08	200 -	28,100	0 +	28,100	25,000 +
5/2	1420.93	0.09	200	28,300	0 -	28,300	24,000
5/3	1420.72	0.10	200	28,400 +	0	28,400 +	24,000
5/4	1420.88	0.10	200	15,300	0	15,300	22,000
5/5	1420.77	0.10	200	14,700	0	14,700	14,000
5/6	1420.70	0.08	200	22,500	0	22,500	19,000
5/7	1420.61	0.10	200	21,700	0	21,700	19,000
5/8	1420.48	0.08	200	22,000	0	22,000	18,000
5/9	1420.36	0.09	200	22,300	0	22,300	19,000
5/10	1420.32 -	0.07	200	19,600	0	19,600	19,000
5/11	1420.58	0.07	200	9,100	0	9,100	17,000
5/12	1420.82	0.09	200	7,300	0	7,300	15,000
5/13	1420.74	0.09	200	18,900	0	18,900	16,000
5/14	1420.75	0.13	300	19,100	0	19,100	19,000
5/15	1420.70	0.10	400	18,900	0	18,900	18,000
5/16	1420.62	0.08	400	19,700	0	19,700	17,000
5/17	1420.51	0.05	300	18,700	0	18,700	17,000
5/18	1420.77	0.13	400	5,100	0	5,100	14,000
5/19	1421.02 +	0.16	400	4,900 -	0	4,900 -	12,000 -
5/20	1420.99	0.18	500 +	19,200	0	19,200	18,000
5/21	1420.91	0.15	400	19,300	0	19,300	18,000
5/22	1420.84	0.16	400	19,400	0	19,400	18,000
5/23	1420.85	0.14	400	19,800	0	19,800	18,000
5/24	1420.63	0.18	500	19,200	0	19,200	16,000
5/25	1420.84	0.17	400	9,300	0	9,300	15,000
5/26	1420.90	0.16	400	10,700	0	10,700	13,000
5/27	1420.78	0.13	300	19,600	0	19,600	17,000
5/28	1420.63	0.14	300	23,300	0	23,300	19,000
5/29	1420.47	0.16	400	24,400	0	24,400	20,000
5/30	1420.56	0.16	400	24,600	0	24,600	21,000
5/31	1420.44	0.16	400	25,700	0	25,700	23,000
Total (DSF)		3.68	9,600	579,100	0	579,100	564,000
Total (ac-ft)			19,000	1,149,000	0	1,149,000	1,119,000
Mean	1420.71	0.12	300	18,700	0	18,700	18,200
Monthly Reservoir Storage:				EOM = 1,645,000	Change = -49,000		
+ Max				Monthly Max = 1,690,000	Min = 1,645,000		
- Min				Monthly Precip = 19803.03 inches			
Notes: Ice In: 11Jan2024; Ice Out: 21Mar2024							
May 2024							

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		DEPTH INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
5/1	1356.48	0.07	200 -	16,300 -	0 +	16,300 -	31,000
5/2	1357.10	0.07	200	16,500	0 -	16,500	32,000
5/3	1357.59	0.08	300	16,400	0	16,400	32,000
5/4	1357.54	0.08	300	17,400	0	17,400	22,000
5/5	1357.29	0.09	300	17,500	0	17,500	8,000
5/6	1357.52	0.06	200	17,500	0	17,500	28,000
5/7	1357.74	0.08	300	17,400	0	17,400	28,000
5/8	1357.91	0.07	300	18,700	0	18,700	27,000
5/9	1357.95	0.08	300	18,800	0	18,800	21,000
5/10	1357.99 +	0.07	300	18,700	0	18,700	21,000
5/11	1357.80	0.06	200	18,700	0	18,700	10,000
5/12	1357.59	0.06	200	20,100	0	20,100	11,000
5/13	1357.52	0.04	200	21,300	0	21,300	18,000
5/14	1357.52	0.06	300	22,400	0	22,400	21,000
5/15	1357.39	0.07	300	22,400	0	22,400	19,000
5/16	1357.25	0.07	300	23,600	0	23,600	18,000
5/17	1357.14	0.07	300	23,300	0	23,300	19,000
5/18	1356.82	0.11	400	23,200	0	23,200	8,000
5/19	1356.31	0.13	500 +	24,000	0	24,000	6,000 -
5/20	1356.42	0.13	500	23,900	0	23,900	19,000
5/21	1356.31	0.12	400	23,700	0	23,700	21,000
5/22	1356.10	0.11	400	23,800	0	23,800	20,000
5/23	1356.16	0.12	400	21,000	0	21,000	21,000
5/24	1356.12	0.15	500	19,900	0	19,900	21,000
5/25	1355.82	0.15	500	20,900	0	20,900	13,000
5/26	1355.69	0.13	400	21,800	0	21,800	13,000
5/27	1355.58	0.11	400	22,000	0	22,000	17,000
5/28	1355.52	0.11	400	23,400	0	23,400	17,000
5/29	1355.24 -	0.13	500	25,500	0	25,500	17,000
5/30	1355.44	0.10	400	26,600	0	26,600	37,000 +
5/31	1355.39	0.09	300	26,700 +	0	26,700 +	24,000
Total (DSF)		2.86	10,500	653,400	0	653,400	620,000
Total (ac-ft)			20,800	1,296,000	0	1,296,000	1,230,000
Mean	1356.78	0.09	300	21,100	0	21,100	20,000
Monthly Reservoir Storage:				EOM = 3,441,000	Change =		-87,000
+ Max				Monthly Max = 3,671,000	Min =		3,427,000
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In: 15Jan2024; Ice Out: 06Mar2024							
May 2024							

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

May-2024

US ARMY CORPS OF ENGINEERS

May 2024	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		DEPTH INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
5/1	1207.76 +	0.10	100 -	20,800 -	3,300	24,100	25,000
5/2	1207.75	0.08	100	20,800	3,300	24,100	23,000
5/3	1207.71	0.10	100	20,800	3,300	24,100	24,000
5/4	1207.53	0.11	100	20,800	3,300	24,100	22,000 -
5/5	1207.30	0.13	100	20,800	3,200	24,000 -	22,000
5/6	1207.28	0.11	100	20,800	3,200	24,000	23,000
5/7	1207.12	0.12	100	20,800	3,200	24,000	23,000
5/8	1207.05	0.13	100	20,800	3,200	24,000	23,000
5/9	1206.83	0.14	100	20,800	3,200	24,000	22,000
5/10	1206.69	0.14	100	20,800	3,200	24,000	22,000
5/11	1206.53	0.12	100	20,800	3,200	24,000	22,000
5/12	1206.31	0.12	100	20,800	3,200	24,000	22,000
5/13	1206.21	0.11	100	20,800	3,200	24,000	23,000
5/14	1206.09	0.14	100	20,800	3,400	24,200	24,000
5/15	1206.25	0.16	100	20,800	4,000	24,800	25,000
5/16	1206.18	0.17	100	20,800	4,500	25,300	26,000
5/17	1206.18	0.18	100	20,800	4,700	25,500	26,000
5/18	1206.20	0.22	200 +	20,800	5,100	25,900	26,000
5/19	1206.11	0.24	200	20,800	5,200	26,000	25,000
5/20	1206.18	0.22	200	20,800	5,500	26,300	27,000
5/21	1206.41	0.22	200	20,800	5,700	26,500	29,000
5/22	1206.59	0.22	200	20,800	5,700	26,500	29,000
5/23	1206.67	0.24	200	20,800	5,700	26,500	28,000
5/24	1206.77	0.25	200	20,800	5,800 +	26,600	27,000
5/25	1206.60	0.25	200	20,800	5,800	26,600	25,000
5/26	1206.31	0.24	200	20,800	5,700	26,500	24,000
5/27	1206.09	0.22	200	20,800	5,700	26,500	24,000
5/28	1205.86	0.23	200	20,800	5,700	26,500	24,000
5/29	1205.71 -	0.24	200	24,100	2,400	26,500	25,000
5/30	1205.85	0.21	100	27,000	0 -	27,000	28,000
5/31	1205.99	0.18	100	28,300 +	0	28,300 +	30,000 +
Total (DSF)		5.36	4,300	661,800	122,600	784,400	768,000
Total (ac-ft)			8,500	1,313,000	243,000	1,556,000	1,523,000
Mean	1206.58	0.17	100	21,300	4,000	25,300	24,800
Monthly Reservoir Storage:				EOM =	327,000	Change =	-41,000
+ Max				Monthly Max =	370,000	Min =	322,000
- Min				Monthly Precip = 4.38 inches			
Notes: Ice In: 09Jan2024; Ice Out: 01Mar2024							
May 2024							