

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
3/1	2218.59	0.00	200 -	6,600	0 +	6,600	4,000 -
3/2	2218.66	0.00	200	6,700 +	0 -	6,700 +	6,000
3/3	2218.55	0.00	200	6,700	0	6,700	6,000
3/4	2218.54 -	0.00	200	6,100	0	6,100	6,000
3/5	2218.60	0.00	200	5,600	0	5,600	6,000
3/6	2218.61	0.00	200	4,800	0	4,800	8,000
3/7	2218.62	0.00	200	5,200	0	5,200	8,000
3/8	2218.61	0.00	200	5,200	0	5,200	7,000
3/9	2218.68	0.00	200	5,100	0	5,100	7,000
3/10	2218.71	0.00	200	5,100	0	5,100	7,000
3/11	2218.71	0.00	200	5,100	0	5,100	7,000
3/12	2218.68	0.00	200	5,100	0	5,100	6,000
3/13	2218.69	0.00	200	5,100	0	5,100	6,000
3/14	2218.71	0.00	200	5,000	0	5,000	6,000
3/15	2218.73	0.00	200	4,900	0	4,900	9,000
3/16	2218.79	0.00	200	5,200	0	5,200	9,000
3/17	2218.83	0.00	200	4,900	0	4,900	8,000
3/18	2218.86	0.00	200	4,600 -	0	4,600 -	9,000
3/19	2218.91	0.00	200	4,600	0	4,600	9,000
3/20	2218.97	0.00	200	4,600	0	4,600	9,000
3/21	2219.00	0.00	200	4,800	0	4,800	9,000
3/22	2219.06	0.00	200	4,600	0	4,600	9,000
3/23	2219.11	0.00	200	4,700	0	4,700	10,000 +
3/24	2219.15	0.00	200	4,700	0	4,700	10,000
3/25	2219.22	0.00	300 +	5,400	0	5,400	10,000
3/26	2219.25	0.00	300	5,400	0	5,400	10,000
3/27	2219.32	0.00	300	5,400	0	5,400	10,000
3/28	2219.35	0.00	300	5,400	0	5,400	10,000
3/29	2219.38	0.00	300	5,200	0	5,200	9,000
3/30	2219.42	0.00	300	5,300	0	5,300	8,000
3/31	2219.45 +	0.00	300	5,400	0	5,400	9,000
Total (DSF)		0.00	6,900	162,500	0	162,500	247,000
Total (ac-ft)			13,700	322,000	0	322,000	490,000
Mean	2218.90	0.00	200	5,200	0	5,200	8,000
Monthly Reservoir Storage:		EOM = 11,974,000		Change =		154,000	
+ Max		Monthly Max = 11,974,000		Min =		11,809,000	
- Min		Monthly Precip = 0.45 inches					
Notes: Ice In: 20Dec2022							
Mar 2023							

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW				INFLOW
				POWER	SPILL	TOTAL	DIVERT	
3/1	1825.47 +	0.00	400 -	23,100	0 +	23,100	0 +	11,000 -
3/2	1825.42	0.00	400	23,300 +	0 -	23,300 +	0 -	11,000
3/3	1825.38	0.00	400	22,800	0	22,800	0	11,000
3/4	1825.27	0.00	400	21,700	0	21,700	0	11,000
3/5	1825.28	0.00	400	20,700	0	20,700	0	12,000
3/6	1825.19	0.00	400	19,700	0	19,700	0	13,000
3/7	1825.17	0.00	400	18,700	0	18,700	0	13,000
3/8	1825.15	0.00	400	17,800	0	17,800	0	14,000
3/9	1825.12	0.00	400	16,800	0	16,800	0	14,000
3/10	1825.08	0.00	400	16,200	0	16,200	0	15,000 +
3/11	1825.18	0.00	400	15,900	0	15,900	0	15,000
3/12	1825.05	0.00	400	15,600 -	0	15,600 -	0	15,000
3/13	1824.94	0.00	400	15,800	0	15,800	0	14,000
3/14	1824.94	0.00	400	15,800	0	15,800	0	13,000
3/15	1824.97	0.00	400	15,800	0	15,800	0	13,000
3/16	1824.91	0.00	400	15,900	0	15,900	0	12,000
3/17	1824.90	0.00	400	15,900	0	15,900	0	11,000
3/18	1824.82	0.00	400	15,900	0	15,900	0	11,000
3/19	1824.85	0.00	400	15,800	0	15,800	0	11,000
3/20	1824.82	0.00	400	15,900	0	15,900	0	13,000
3/21	1824.83	0.00	400	15,900	0	15,900	0	14,000
3/22	1824.77	0.00	400	15,800	0	15,800	0	14,000
3/23	1824.74	0.00	400	15,800	0	15,800	0	14,000
3/24	1824.75	0.00	400	15,900	0	15,900	0	15,000
3/25	1824.70	0.00	400	16,200	0	16,200	0	15,000
3/26	1824.69	0.00	400	16,100	0	16,100	0	15,000
3/27	1824.63 -	0.00	400	16,100	0	16,100	0	15,000
3/28	1824.64	0.00	400	16,100	0	16,100	0	15,000
3/29	1824.63	0.00	400	15,900	0	15,900	0	15,000
3/30	1824.69	0.00	500 +	16,100	0	16,100	0	15,000
3/31	1824.65	0.00	500	16,000	0	16,000	0	15,000
Total (DSF)		0.00	12,600	535,000	0	535,000	0	415,000
Total (ac-ft)			25,000	1,061,000	0	1,061,000	0	823,000
Mean	1824.96	0.00	400	17,300	0	17,300	0	13,400
Monthly Reservoir Storage:				EOM = 14,093,000	Change = -263,000			
+ Max				Monthly Max = 14,331,000	Monthly Min = 14,093,000			
- Min				Monthly Precip = 0.00 inches				
Notes: Ice In: 19Dec2022								

Mar 2023

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
3/1	1594.12 -	0.00	300 -	13,700	0 +	13,700	26,000
3/2	1594.17	0.00	300	13,900	0 -	13,900	27,000
3/3	1594.28	0.00	300	13,600	0	13,600	27,000
3/4	1594.36	0.00	300	12,400	0	12,400	27,000
3/5	1594.50	0.00	400 +	10,500 -	0	10,500 -	28,000 +
3/6	1594.64	0.00	400	16,000	0	16,000	27,000
3/7	1594.72	0.00	400	16,400	0	16,400	26,000
3/8	1594.71	0.00	400	16,600	0	16,600	24,000
3/9	1594.84	0.00	400	16,200	0	16,200	22,000
3/10	1594.89 +	0.00	400	16,200	0	16,200	20,000
3/11	1594.75	0.00	400	14,100	0	14,100	19,000
3/12	1594.84	0.00	400	12,500	0	12,500	18,000
3/13	1594.77	0.00	400	19,800	0	19,800	18,000
3/14	1594.81	0.00	400	19,800	0	19,800	18,000
3/15	1594.86	0.00	400	19,800	0	19,800	18,000
3/16	1594.77	0.00	400	19,600	0	19,600	18,000
3/17	1594.76	0.00	400	19,600	0	19,600	18,000
3/18	1594.79	0.00	400	17,000	0	17,000	18,000
3/19	1594.87	0.00	400	13,900	0	13,900	19,000
3/20	1594.80	0.00	400	20,900	0	20,900	19,000
3/21	1594.75	0.00	400	20,900	0	20,900	19,000
3/22	1594.77	0.00	400	20,800	0	20,800	18,000
3/23	1594.72	0.00	400	20,800	0	20,800	17,000 -
3/24	1594.71	0.00	400	21,000 +	0	21,000 +	18,000
3/25	1594.70	0.00	400	18,500	0	18,500	18,000
3/26	1594.67	0.00	400	16,000	0	16,000	17,000
3/27	1594.65	0.00	400	18,100	0	18,100	17,000
3/28	1594.72	0.00	400	18,300	0	18,300	18,000
3/29	1594.69	0.00	400	18,200	0	18,200	19,000
3/30	1594.72	0.00	400	18,400	0	18,400	19,000
3/31	1594.75	0.00	400	18,700	0	18,700	19,000
Total (DSF)		0.00	12,000	532,200	0	532,200	636,000
Total (ac-ft)			23,800	1,056,000	0	1,056,000	1,261,000
Mean	1594.68	0.00	400	17,200	0	17,200	20,500
Monthly Reservoir Storage:				EOM = 15,035,000	Change =		182,000
+ Max				Monthly Max = 15,080,000	Min =		14,877,000
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In: 04Jan2023							
Mar 2023							

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
3/1	1420.81	0.00	0 -	17,100	0 +	17,100	15,000
3/2	1420.70	0.00	100 +	17,200	0 -	17,200	15,000
3/3	1420.56	0.00	100	17,600	0	17,600	14,000
3/4	1420.81	0.00	100	6,300	0	6,300	14,000
3/5	1421.03	0.00	100	4,600 -	0	4,600 -	11,000
3/6	1420.89	0.00	100	18,800	0	18,800	15,000
3/7	1420.82	0.00	100	18,900	0	18,900	16,000
3/8	1420.75	0.00	100	18,600	0	18,600	17,000
3/9	1420.73	0.00	100	19,100	0	19,100	17,000
3/10	1420.49 -	0.00	100	18,500	0	18,500	16,000
3/11	1421.01	0.00	100	8,200	0	8,200	16,000
3/12	1421.04 +	0.00	100	6,000	0	6,000	10,000 -
3/13	1420.59	0.00	100	21,800	0	21,800	12,000
3/14	1420.87	0.00	100	22,500	0	22,500	21,000
3/15	1420.71	0.00	100	22,100	0	22,100	21,000
3/16	1420.65	0.00	100	22,400	0	22,400	22,000 +
3/17	1420.61	0.00	100	22,400	0	22,400	22,000
3/18	1420.77	0.00	100	8,900	0	8,900	16,000
3/19	1421.01	0.00	100	8,600	0	8,600	14,000
3/20	1420.87	0.00	100	23,000	0	23,000	21,000
3/21	1420.85	0.00	100	23,200	0	23,200	21,000
3/22	1420.68	0.00	100	24,100 +	0	24,100 +	21,000
3/23	1420.58	0.00	100	23,400	0	23,400	21,000
3/24	1420.58	0.00	100	23,600	0	23,600	21,000
3/25	1420.87	0.00	100	10,700	0	10,700	20,000
3/26	1421.02	0.00	100	9,200	0	9,200	16,000
3/27	1420.91	0.00	100	20,800	0	20,800	17,000
3/28	1420.80	0.00	100	21,500	0	21,500	18,000
3/29	1420.57	0.00	100	21,700	0	21,700	18,000
3/30	1420.55	0.00	100	21,700	0	21,700	19,000
3/31	1420.62	0.00	100	22,600	0	22,600	20,000
Total (DSF)		0.00	3,000	545,100	0	545,100	537,000
Total (ac-ft)			6,000	1,081,000	0	1,081,000	1,065,000
Mean	1420.77	0.00	100	17,600	0	17,600	17,300
Monthly Reservoir Storage:				EOM = 1,659,000	Change = -22,000		
+ Max				Monthly Max = 1,693,000	Min = 1,659,000		
- Min				Monthly Precip = 0.07 inches			
Notes: Ice In: 14Dec2022							
Mar 2023							

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
3/1	1349.96 -	0.00	100 -	9,000	0 +	9,000	19,000
3/2	1350.21	0.00	200 +	8,500	0 -	8,500	21,000
3/3	1350.53	0.00	200	8,500	0	8,500	22,000
3/4	1350.75	0.00	200	8,400	0	8,400	17,000
3/5	1350.77	0.00	200	8,400	0	8,400	9,000 -
3/6	1350.87	0.00	200	8,400	0	8,400	13,000
3/7	1351.09	0.00	200	8,400	0	8,400	17,000
3/8	1351.41	0.00	200	8,300	0	8,300	21,000
3/9	1351.71	0.00	200	8,400	0	8,400	21,000
3/10	1352.00	0.00	200	7,900	0	7,900	21,000
3/11	1352.24	0.00	200	8,000	0	8,000	17,000
3/12	1352.26	0.00	200	8,200	0	8,200	9,000
3/13	1352.30	0.00	200	7,800 -	0	7,800 -	10,000
3/14	1352.92	0.00	200	8,000	0	8,000	29,000 +
3/15	1353.32	0.00	200	7,800	0	7,800	29,000
3/16	1353.75	0.00	200	8,000	0	8,000	27,000
3/17	1354.09	0.00	200	10,900	0	10,900	25,000
3/18	1354.03	0.00	200	13,700	0	13,700	12,000
3/19	1353.84	0.00	200	16,900	0	16,900	9,000
3/20	1353.84	0.00	200	20,000 +	0	20,000 +	20,000
3/21	1354.07	0.00	200	18,900	0	18,900	28,000
3/22	1354.28	0.00	200	17,900	0	17,900	27,000
3/23	1354.52	0.00	200	16,400	0	16,400	27,000
3/24	1354.80	0.00	200	16,400	0	16,400	26,000
3/25	1354.77	0.00	200	16,400	0	16,400	17,000
3/26	1354.56	0.00	200	16,300	0	16,300	9,000
3/27	1354.71	0.00	200	16,400	0	16,400	22,000
3/28	1354.88	0.00	200	16,300	0	16,300	23,000
3/29	1354.99	0.00	200	15,500	0	15,500	22,000
3/30	1355.28	0.00	200	15,000	0	15,000	25,000
3/31	1355.82 +	0.00	200	14,900	0	14,900	25,000
Total (DSF)		0.00	6,100	373,900	0	373,900	619,000
Total (ac-ft)			12,100	742,000	0	742,000	1,228,000
Mean	1353.05	0.00	200	12,100	0	12,100	20,000
Monthly Reservoir Storage:				EOM = 3,447,000	Change =		474,000
+ Max				Monthly Max = 3,447,000	Min =		2,992,000
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In: 19Dec2022							
Mar 2023							

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2023

US ARMY CORPS OF ENGINEERS

Mar 2023	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
3/1	1206.57	0.00	0 -	12,000 -	0 -	12,000 -	14,000
3/2	1206.64	0.00	0	12,000	0	12,000	13,000
3/3	1206.74	0.00	0	12,000	0	12,000	13,000
3/4	1206.77	0.00	0	12,000	0	12,000	12,000 -
3/5	1206.81	0.00	0	12,000	0	12,000	12,000
3/6	1206.92	0.00	0	12,000	0	12,000	13,000
3/7	1206.95	0.00	0	12,000	0	12,000	13,000
3/8	1206.99	0.00	0	12,000	0	12,000	12,000
3/9	1207.01	0.00	0	12,000	0	12,000	13,000
3/10	1206.95	0.00	0	12,000	0	12,000	12,000
3/11	1206.97	0.00	0	12,000	0	12,000	12,000
3/12	1206.99	0.00	0	12,000	0	12,000	12,000
3/13	1206.92	0.00	0	12,100	0	12,100	12,000
3/14	1206.92	0.00	0	12,000	0	12,000	12,000
3/15	1206.95	0.00	0	12,000	0	12,000	13,000
3/16	1207.12	0.00	0	12,000	0	12,000	13,000
3/17	1207.24 +	0.00	0	12,000	0	12,000	14,000
3/18	1207.19	0.00	0	15,000	0	15,000	14,000
3/19	1207.12	0.00	0	18,000	0	18,000	17,000
3/20	1207.09	0.00	0	21,000	0	21,000	21,000
3/21	1207.23	0.00	0	21,200	1,800	23,000	24,000 +
3/22	1207.23	0.00	0	21,300 +	2,200 +	23,500 +	24,000
3/23	1207.21	0.00	100 +	21,100	1,600	22,700	22,000
3/24	1207.06	0.00	100	20,900	1,600	22,500	21,000
3/25	1206.99	0.00	100	20,900	1,600	22,500	21,000
3/26	1206.84	0.00	100	20,900	1,600	22,500	21,000
3/27	1206.68	0.00	100	21,200	800	22,000	20,000
3/28	1206.63	0.00	100	21,300	0	21,300	21,000
3/29	1206.53	0.00	100	21,000	0	21,000	20,000
3/30	1206.57	0.00	100	21,000	0	21,000	20,000
3/31	1206.44 -	0.00	100	21,000	0	21,000	21,000
Total (DSF)		0.00	900	489,900	11,200	501,100	502,000
Total (ac-ft)			1,800	972,000	22,000	994,000	996,000
Mean	1206.91	0.00	0	15,800	400	16,200	16,200
Monthly Reservoir Storage:				EOM =	337,000	Change =	0
+ Max				Monthly Max =	357,000	Min =	337,000
- Min				Monthly Precip = 0.76 inches			
Notes: Ice In: 12Dec2022							
Mar 2023							