

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
5/1	2222.62	0.00	400	5,700 -	0 +	5,700 -	6,000
5/2	2222.57	0.00	400	5,800	0 -	5,800	6,000
5/3	2222.58	0.00	400	5,900	0	5,900	5,000 -
5/4	2222.57	0.00	400	6,000	0	6,000	5,000
5/5	2222.56	0.00	400	5,800	0	5,800	6,000
5/6	2222.62	0.00	400	5,800	0	5,800	6,000
5/7	2222.57	0.00	400	6,000	0	6,000	6,000
5/8	2222.50	0.00	400	6,200	0	6,200	6,000
5/9	2222.55	0.00	400	6,200	0	6,200	5,000
5/10	2222.53	0.00	400	6,100	0	6,100	5,000
5/11	2222.47	0.00	400	6,100	0	6,100	5,000
5/12	2222.65	0.00	400	6,100	0	6,100	14,000 +
5/13	2222.98 +	0.00	400	6,500	0	6,500	13,000
5/14	2222.65	0.00	400	5,900	0	5,900	5,000
5/15	2222.63	0.00	400	6,300	0	6,300	5,000
5/16	2222.57	0.00	400	8,700 +	0	8,700 +	5,000
5/17	2222.57	0.00	400	8,600	0	8,600	6,000
5/18	2222.51	0.00	400	8,600	0	8,600	6,000
5/19	2222.48	0.00	400	8,500	0	8,500	6,000
5/20	2222.51	0.00	400	8,500	0	8,500	6,000
5/21	2222.45	0.00	400	8,600	0	8,600	6,000
5/22	2222.36	0.00	400	8,700	0	8,700	5,000
5/23	2222.32	0.00	400	8,600	0	8,600	5,000
5/24	2222.28	0.20	300 -	8,700	0	8,700	5,000
5/25	2222.25	0.30	500 +	8,500	0	8,500	6,000
5/26	2222.22	0.30	500	8,500	0	8,500	6,000
5/27	2222.16	0.30	500	8,500	0	8,500	6,000
5/28	2222.16	0.20	400	8,200	0	8,200	6,000
5/29	2222.13	0.20	300	8,200	0	8,200	5,000
5/30	2222.07	0.20	300	8,300	0	8,300	5,000
5/31	2222.05 -	0.20	300	8,500	0	8,500	5,000
Total (DSF)		1.90	12,300	226,600	0	226,600	187,000
Total (ac-ft)			24,400	449,000	0	449,000	371,000
Mean	2222.46	0.06	400	7,300	0	7,300	6,000
Monthly Reservoir Storage:				EOM = 12,443,000	Change = -103,000		
+ Max				Monthly Max = 12,556,000	Min = 12,443,000		
- Min				Monthly Precip = 2.12 inches			
Notes: Ice In 03Jan; Ice Out 04Apr							
May 2022							

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW				INFLOW
				POWER	SPILL	TOTAL	DIVERT	
5/1	1828.12	0.00	500 +	14,600	0 +	14,600	0 -	21,000
5/2	1828.05 -	0.00	500 -	14,400	0 -	14,400	0	21,000
5/3	1828.21	0.00	500	14,300	0	14,300	0	21,000
5/4	1828.21	0.00	500	14,600	0	14,600	0	22,000
5/5	1828.20	0.00	500	14,500	0	14,500	100	22,000
5/6	1828.28	0.00	500	14,400	0	14,400	100	21,000
5/7	1828.42	0.00	500	14,500	0	14,500	100	21,000
5/8	1828.39	0.00	500	14,400	0	14,400	100	20,000 -
5/9	1828.52	0.00	500	14,600	0	14,600	200	20,000
5/10	1828.42	0.00	500	14,500	0	14,500	200	20,000
5/11	1828.55	0.00	500	14,400	0	14,400	200	20,000
5/12	1828.43	0.00	500	14,500	0	14,500	500 +	20,000
5/13	1828.83	0.00	500	14,600	0	14,600	0	40,000 +
5/14	1828.86	0.00	500	14,000 -	0	14,000 -	0	34,000
5/15	1829.02	0.00	500	16,000	0	16,000	0	35,000
5/16	1829.03	0.00	500	18,700	0	18,700	0	28,000
5/17	1829.28	0.00	500	18,800	0	18,800	0	26,000
5/18	1829.20	0.00	500	18,900	0	18,900	0	26,000
5/19	1829.27	0.00	500	18,600	0	18,600	0	26,000
5/20	1829.40	0.00	500	18,500	0	18,500	0	25,000
5/21	1829.40	0.00	500	18,600	0	18,600	0	23,000
5/22	1829.30	0.00	500	18,800	0	18,800	0	21,000
5/23	1829.30	0.00	500	18,700	0	18,700	0	21,000
5/24	1829.34	0.00	500	18,700	0	18,700	0	23,000
5/25	1829.37	0.00	500	18,700	0	18,700	0	26,000
5/26	1829.46	0.00	500	19,000	0	19,000	0	26,000
5/27	1829.40	0.00	500	19,400 +	0	19,400 +	0	25,000
5/28	1829.56	0.00	500	19,100	0	19,100	0	24,000
5/29	1829.59	0.00	500	18,900	0	18,900	0	30,000
5/30	1829.79 +	0.00	500	19,100	0	19,100	0	24,000
5/31	1829.50	0.00	500	18,900	0	18,900	0	24,000
Total (DSF)		0.00	15,500	519,700	0	519,700	1,500	756,000
Total (ac-ft)			30,700	1,031,000	0	1,031,000	3,000	1,500,000
Mean	1828.93	0.00	500	16,800	0	16,800	0	24,400
Monthly Reservoir Storage:				EOM = 15,450,000	Change =			435,000
+ Max				Monthly Max = 15,450,000	Monthly Min =			15,027,000
- Min				Monthly Precip = 0.00 inches				
Notes: Ice in 28Dec; Ice Out 16Apr								
May 2022								

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
5/1	1595.05 -	0.00	400 +	21,900	0 +	21,900	25,000 +
5/2	1595.11	0.00	400 -	25,300 +	0 -	25,300 +	25,000
5/3	1595.08	0.00	400	22,800	0	22,800	22,000
5/4	1595.10	0.00	400	18,400	0	18,400	21,000
5/5	1595.19	0.00	400	17,200	0	17,200	21,000
5/6	1595.19	0.00	400	14,800	0	14,800	21,000
5/7	1595.30	0.00	400	13,600	0	13,600	20,000 -
5/8	1595.19	0.00	400	10,200	0	10,200	23,000
5/9	1595.62	0.00	400	13,400	0	13,400	24,000
5/10	1595.48	0.00	400	13,300	0	13,300	24,000
5/11	1595.57	0.00	400	13,200	0	13,200	23,000
5/12	1595.43	0.00	400	13,200	0	13,200	22,000
5/13	1595.80	0.00	400	13,300	0	13,300	22,000
5/14	1595.75	0.00	400	11,800	0	11,800	24,000
5/15	1595.90	0.00	400	8,600 -	0	8,600 -	22,000
5/16	1595.92	0.00	400	13,800	0	13,800	20,000
5/17	1595.74	0.00	400	13,800	0	13,800	20,000
5/18	1596.02	0.00	400	13,900	0	13,900	22,000
5/19	1595.80	0.00	400	14,100	0	14,100	22,000
5/20	1596.14	0.00	400	13,900	0	13,900	22,000
5/21	1596.19	0.00	400	12,500	0	12,500	22,000
5/22	1596.29	0.00	400	10,200	0	10,200	21,000
5/23	1596.16	0.00	400	14,400	0	14,400	20,000
5/24	1596.41	0.00	400	13,900	0	13,900	20,000
5/25	1596.32	0.00	400	13,900	0	13,900	20,000
5/26	1596.47	0.00	400	13,800	0	13,800	20,000
5/27	1596.39	0.00	400	14,100	0	14,100	21,000
5/28	1596.66	0.00	400	14,900	0	14,900	21,000
5/29	1596.58	0.00	400	12,000	0	12,000	21,000
5/30	1596.88 +	0.00	400	12,700	0	12,700	21,000
5/31	1596.65	0.00	400	17,500	0	17,500	22,000
Total (DSF)		0.00	12,400	450,400	0	450,400	674,000
Total (ac-ft)			24,600	893,000	0	893,000	1,337,000
Mean	1595.85	0.00	400	14,500	0	14,500	21,700
Monthly Reservoir Storage:				EOM = 15,547,000	Change = 419,000		
+ Max				Monthly Max = 15,547,000	Min = 15,130,000		
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In 22Feb; Ice Out 27Mar							

May 2022

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
5/1	1421.33 +	0.00	200 -	19,100	0 +	19,100	25,000 +
5/2	1421.21	0.00	200	30,100 +	0 -	30,100 +	25,000
5/3	1421.05	0.00	200	27,100	0	27,100	24,000
5/4	1420.99	0.00	200	21,300	0	21,300	20,000
5/5	1420.90	0.00	200	20,100	0	20,100	18,000
5/6	1420.89	0.00	200	17,700	0	17,700	15,000
5/7	1421.06	0.00	200	7,400	0	7,400	15,000
5/8	1421.21	0.00	200	6,900	0	6,900	13,000
5/9	1421.21	0.00	200	16,300	0	16,300	18,000
5/10	1421.17	0.00	200	16,500	0	16,500	13,000
5/11	1421.06	0.00	200	16,500	0	16,500	13,000
5/12	1420.89	0.00	200	18,000	0	18,000	14,000
5/13	1420.76	0.00	200	18,000	0	18,000	13,000
5/14	1420.88	0.00	200	8,000	0	8,000	13,000
5/15	1420.96	0.00	200	5,700	0	5,700	9,000 -
5/16	1420.75	0.00	200	17,800	0	17,800	12,000
5/17	1420.74	0.00	200	17,800	0	17,800	14,000
5/18	1420.58	0.00	200	17,900	0	17,900	14,000
5/19	1420.50	0.00	200	17,500	0	17,500	14,000
5/20	1420.41	0.00	200	17,400	0	17,400	14,000
5/21	1420.63	0.00	200	3,700	0	3,700	13,000
5/22	1420.86	0.00	200	1,500 -	0	1,500 -	11,000
5/23	1420.76	0.00	200	17,300	0	17,300	14,000
5/24	1420.68	0.00	200	17,400	0	17,400	14,000
5/25	1420.47	0.00	300 +	17,200	0	17,200	13,000
5/26	1420.38 -	0.00	300	16,600	0	16,600	14,000
5/27	1420.42	0.00	300	16,700	0	16,700	14,000
5/28	1420.86	0.00	300	2,700	0	2,700	14,000
5/29	1421.12	0.00	300	2,600	0	2,600	15,000
5/30	1421.22	0.00	300	15,200	0	15,200	16,000
5/31	1420.96	0.00	300	20,600	0	20,600	17,000
Total (DSF)		0.00	6,900	468,600	0	468,600	471,000
Total (ac-ft)			13,700	929,000	0	929,000	934,000
Mean	1420.87	0.00	200	15,100	0	15,100	15,200
Monthly Reservoir Storage:				EOM = 1,687,000	Change = -9,000		
+ Max				Monthly Max = 1,707,000	Min = 1,647,000		
- Min				Monthly Precip = 1.29 inches			
Notes: Ice in 29Dec; Ice Out 28Mar							

May 2022

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
5/1	1355.86	0.00	300 -	15,800	0 +	15,800	22,000
5/2	1356.31	0.00	300	16,000	0 -	16,000	29,000 +
5/3	1356.58	0.00	300	16,500	0	16,500	29,000
5/4	1356.67	0.00	300	16,800	0	16,800	24,000
5/5	1356.76	0.00	300	16,400	0	16,400	20,000
5/6	1356.88	0.00	300	15,300	0	15,300	19,000
5/7	1356.76	0.00	300	15,300	0	15,300	11,000
5/8	1356.56	0.00	300	15,200	0	15,200	10,000
5/9	1356.74	0.00	300	15,200	0	15,200	18,000
5/10	1356.80	0.00	300	15,000 -	0	15,000 -	17,000
5/11	1356.76	0.00	300	15,000	0	15,000	17,000
5/12	1356.84	0.00	300	15,200	0	15,200	18,000
5/13	1356.93 +	0.00	300	15,900	0	15,900	19,000
5/14	1356.80	0.00	300	15,900	0	15,900	16,000
5/15	1356.61	0.00	300	15,900	0	15,900	7,000
5/16	1356.65	0.00	300	17,200	0	17,200	16,000
5/17	1356.73	0.00	300	17,000	0	17,000	17,000
5/18	1356.71	0.00	300	17,200	0	17,200	17,000
5/19	1356.80	0.00	300	17,000	0	17,000	17,000
5/20	1356.86	0.00	300	17,200	0	17,200	17,000
5/21	1356.42	0.00	300	17,300	0	17,300	7,000
5/22	1355.97	0.00	300	17,700	0	17,700	2,000 -
5/23	1355.82	0.00	300	19,300	0	19,300	14,000
5/24	1355.84	0.00	300	19,500	0	19,500	18,000
5/25	1355.75	0.00	300	19,100	0	19,100	18,000
5/26	1355.61	0.00	400 +	20,700	0	20,700	17,000
5/27	1355.67	0.00	400	21,000 +	0	21,000 +	18,000
5/28	1355.26	0.00	400	18,800	0	18,800	10,000
5/29	1355.20	0.00	300	18,500	0	18,500	3,000
5/30	1355.12	0.00	300	18,700	0	18,700	20,000
5/31	1355.03 -	0.00	300	18,600	0	18,600	20,000
Total (DSF)		0.00	9,600	530,200	0	530,200	507,000
Total (ac-ft)			19,000	1,052,000	0	1,052,000	1,006,000
Mean	1356.30	0.00	300	17,100	0	17,100	16,400
Monthly Reservoir Storage:				EOM = 3,410,000	Change = -65,000		
+ Max				Monthly Max = 3,566,000	Min = 3,406,000		
- Min				Monthly Precip = 0.00 inches			
Notes: Ice In 06Jan; Ice Out 21Mar							
May 2022							

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

May-2022

US ARMY CORPS OF ENGINEERS

May 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
5/1	1206.92 +	0.40	200 +	19,700	4,300	24,000 +	26,000 +
5/2	1206.85	2620.80	200	19,700	3,700	23,400	22,000
5/3	1206.60	0.10	100	19,800	2,700	22,500	20,000
5/4	1206.58	0.00	100	19,400	1,100	20,500	20,000
5/5	1206.85	0.00	100	19,100	0 -	19,100	22,000
5/6	1206.85	0.00	100	19,100	0	19,100	20,000
5/7	1206.80	0.00	100	19,000	0	19,000 -	19,000
5/8	1206.72	0.00	100	20,000	0	20,000	19,000
5/9	1206.76	0.00	100	19,900	0	19,900	20,000
5/10	1206.69	0.30	200	19,900	0	19,900	20,000
5/11	1206.65	0.40	100	20,100	0	20,100	20,000
5/12	1206.52	0.40	100	19,800	300	20,100	20,000
5/13	1206.54	0.20	100	14,300	5,700	20,000	19,000
5/14	1206.45	0.20	100	10,500	9,500	20,000	19,000
5/15	1206.35	0.20	100	9,800	10,200	20,000	19,000
5/16	1206.19	0.20	100	2,200	17,800	20,000	19,000
5/17	1206.23	0.20	100	0 -	20,000 +	20,000	19,000
5/18	1206.23	0.20	100	0	20,000	20,000	20,000
5/19	1206.34	0.20	100	10,500	9,400	19,900	20,000
5/20	1206.12	0.20	100	20,300	0	20,300	20,000
5/21	1205.96	0.20	100	20,500	0	20,500	19,000
5/22	1205.75	0.20	100	20,600 +	0	20,600	18,000 -
5/23	1205.68	0.20	100	20,500	0	20,500	19,000
5/24	1205.66 -	0.20	100	20,500	0	20,500	20,000
5/25	1205.79	2621.30	0 -	20,500	0	20,500	22,000
5/26	1205.90	0.10	0	20,500	0	20,500	22,000
5/27	1206.08	0.20	0	20,500	0	20,500	22,000
5/28	1206.13	0.20	100	20,500	0	20,500	22,000
5/29	1206.12	0.20	100	20,500	0	20,500	21,000
5/30	1206.63	0.20	100	20,500	0	20,500	25,000
5/31	1206.77	0.20	100	20,500	0	20,500	24,000
Total (DSF)		5247.20	3,100	528,700	104,700	633,400	637,000
Total (ac-ft)			6,100	1,049,000	208,000	1,256,000	1,263,000
Mean	1206.38	169.26	100	17,100	3,400	20,400	20,500
Monthly Reservoir Storage:				EOM =	346,000	Change =	1,000
+ Max				Monthly Max =	349,000	Min =	319,000
- Min				Monthly Precip = 0.00 inches			
Notes: Ice in 29Dec; Ice out 21Mar							
May 2022							