

**MONTHLY RESERVOIR OPERATION**

**FORT PECK**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Apr-2022**

**US ARMY CORPS OF ENGINEERS**

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
4/1	2222.83	0.00	0 -	5,100	0 +	5,100	5,000
4/2	2222.87	0.00	0	4,800	0 -	4,800	5,000
4/3	2222.85	0.00	0	4,900	0	4,900	5,000
4/4	2222.84	0.00	0	4,900	0	4,900	5,000
4/5	2222.93 +	0.00	0	4,600 -	0	4,600 -	5,000
4/6	2222.87	0.00	0	4,600	0	4,600	5,000
4/7	2222.84	0.00	0	4,600	0	4,600	5,000
4/8	2222.81	0.00	100 +	5,700	0	5,700	5,000
4/9	2222.83	0.00	100	5,800	0	5,800	5,000
4/10	2222.81	0.00	100	5,800	0	5,800	5,000
4/11	2222.68	0.00	100	5,600	0	5,600	5,000
4/12	2222.80	0.00	100	5,600	0	5,600	5,000
4/13	2222.87	0.00	100	5,500	0	5,500	5,000
4/14	2222.80	0.00	100	5,700	0	5,700	4,000 -
4/15	2222.73	0.00	100	6,100	0	6,100	4,000
4/16	2222.65	0.00	100	6,100	0	6,100	4,000
4/17	2222.72	0.00	100	6,200	0	6,200	4,000
4/18	2222.62	0.00	100	6,200	0	6,200	5,000
4/19	2222.67	0.00	100	6,200	0	6,200	5,000
4/20	2222.66	0.00	100	6,300 +	0	6,300 +	4,000
4/21	2222.59 -	0.00	100	6,100	0	6,100	4,000
4/22	2222.60	0.00	100	6,100	0	6,100	4,000
4/23	2222.62	0.00	100	5,900	0	5,900	7,000
4/24	2222.65	0.00	100	5,800	0	5,800	9,000 +
4/25	2222.64	0.00	100	5,700	0	5,700	6,000
4/26	2222.63	0.00	100	6,100	0	6,100	5,000
4/27	2222.66	0.00	100	6,000	0	6,000	5,000
4/28	2222.60	0.00	100	6,100	0	6,100	5,000
4/29	2222.63	0.00	100	6,100	0	6,100	6,000
4/30	2222.60	0.00	100	5,700	0	5,700	6,000
<b>Total (DSF)</b>		0.00	2,300	169,900	0	169,900	152,000
<b>Total (ac-ft)</b>			4,600	337,000	0	337,000	301,000
<b>Mean</b>	2222.73	0.00	100	5,700	0	5,700	5,100
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 12,546,000	<b>Change =</b> -40,000		
<b>+ Max</b>				<b>Monthly Max =</b> 12,589,000	<b>Min =</b> 12,544,000		
<b>- Min</b>				<b>Monthly Precip =</b> 0.46 inches			
<b>Notes: Ice In 03Jan; Ice Out 04Apr</b>							

**Apr 2022**

## MONTHLY RESERVOIR OPERATION

**GARRISON**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Apr-2022**

**US ARMY CORPS OF ENGINEERS**

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW				INFLOW
				POWER	SPILL	TOTAL	DIVERT	
4/1	1827.90	0.00	0 -	14,500	0 +	14,500	0 +	16,000
4/2	1827.85	0.00	0	14,600	0 -	14,600	0 -	14,000
4/3	1827.81	0.00	0	14,500	0	14,500	0	13,000
4/4	1827.85	0.00	100	14,500	0	14,500	0	13,000
4/5	1827.80	0.00	100	14,600	0	14,600	0	13,000
4/6	1827.81	0.00	100	14,400 -	0	14,400 -	0	12,000
4/7	1827.71	0.00	100	14,400	0	14,400	0	12,000
4/8	1827.62	0.00	100	14,600	0	14,600	0	12,000
4/9	1827.72	0.00	100	14,500	0	14,500	0	12,000
4/10	1827.70	0.00	100	14,500	0	14,500	0	11,000 -
4/11	1827.60	0.00	100	14,500	0	14,500	0	11,000
4/12	1827.80	0.00	100	14,600	0	14,600	0	20,000
4/13	1828.40 +	0.00	200 +	14,400	0	14,400	0	20,000
4/14	1827.85	0.00	100	14,400	0	14,400	0	14,000
4/15	1827.71	0.00	100	14,400	0	14,400	0	12,000
4/16	1827.45	0.00	100	14,500	0	14,500	0	11,000
4/17	1827.58	0.00	100	14,400	0	14,400	0	11,000
4/18	1827.48	0.00	100	14,600	0	14,600	0	11,000
4/19	1827.57	0.00	100	14,800 +	0	14,800 +	0	11,000
4/20	1827.87	0.00	100	14,600	0	14,600	0	12,000
4/21	1827.42 -	0.00	100	14,700	0	14,700	0	13,000
4/22	1827.56	0.00	100	14,600	0	14,600	0	16,000
4/23	1828.38	0.00	200	14,600	0	14,600	0	24,000
4/24	1827.86	0.00	100	14,600	0	14,600	0	34,000 +
4/25	1827.74	0.00	100	14,600	0	14,600	0	18,000
4/26	1827.65	0.00	100	14,500	0	14,500	0	16,000
4/27	1827.81	0.00	100	14,500	0	14,500	0	20,000
4/28	1827.92	0.00	100	14,500	0	14,500	0	25,000
4/29	1828.10	0.00	100	14,500	0	14,500	0	25,000
4/30	1828.10	0.00	100	14,400	0	14,400	0	24,000
<b>Total (DSF)</b>		0.00	2,900	435,800	0	435,800	0	476,000
<b>Total (ac-ft)</b>			5,800	864,000	0	864,000	0	944,000
<b>Mean</b>	1827.79	0.00	100	14,500	0	14,500	0	15,900
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 15,015,000	<b>Change =</b>			74,000
<b>+ Max</b>				<b>Monthly Max =</b> 15,015,000	<b>Monthly Min =</b>			14,874,000
<b>- Min</b>				<b>Monthly Precip =</b> 0.00 inches				
<b>Notes: Ice in 28Dec; Ice Out 16Apr</b>								

**Apr 2022**

**MONTHLY RESERVOIR OPERATION**

**OAHE**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Apr-2022**

**US ARMY CORPS OF ENGINEERS**

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
4/1	1596.68	0.00	200 +	25,400	0 +	25,400	16,000
4/2	1596.68	0.00	200 -	24,000	0 -	24,000	16,000
4/3	1596.58	0.00	200	21,700	0	21,700	16,000
4/4	1596.42	0.00	200	25,600	0	25,600	16,000
4/5	1596.78 +	0.00	200	25,900	0	25,900	16,000
4/6	1596.61	0.00	200	25,500	0	25,500	15,000 -
4/7	1596.47	0.00	200	25,700	0	25,700	15,000
4/8	1596.08	0.00	200	26,000	0	26,000	15,000
4/9	1596.23	0.00	200	24,100	0	24,100	15,000
4/10	1595.92	0.00	200	21,800	0	21,800	15,000
4/11	1596.00	0.00	200	25,000	0	25,000	15,000
4/12	1596.21	0.00	200	25,100	0	25,100	15,000
4/13	1596.33	0.00	200	25,200	0	25,200	15,000
4/14	1595.85	0.00	200	25,200	0	25,200	15,000
4/15	1595.80	0.00	200	25,200	0	25,200	15,000
4/16	1595.49	0.00	200	24,800	0	24,800	15,000
4/17	1596.00	0.00	200	20,000 -	0	20,000 -	15,000
4/18	1595.36	0.00	200	25,900	0	25,900	15,000
4/19	1595.38	0.00	200	26,200	0	26,200	15,000
4/20	1595.34	0.00	200	26,900	0	26,900	15,000
4/21	1595.05 -	0.00	200	26,500	0	26,500	15,000
4/22	1595.30	0.00	200	25,600	0	25,600	15,000
4/23	1595.50	0.00	200	25,600	0	25,600	20,000
4/24	1595.50	0.00	200	22,900	0	22,900	24,000
4/25	1595.06	0.00	200	26,600	0	26,600	24,000
4/26	1595.23	0.00	200	27,500 +	0	27,500 +	26,000
4/27	1595.13	0.00	200	27,100	0	27,100	24,000
4/28	1595.09	0.00	200	27,300	0	27,300	26,000
4/29	1595.40	0.00	200	27,300	0	27,300	30,000 +
4/30	1595.11	0.00	200	25,800	0	25,800	28,000
<b>Total (DSF)</b>		0.00	6,000	757,400	0	757,400	537,000
<b>Total (ac-ft)</b>			11,900	1,502,000	0	1,502,000	1,065,000
<b>Mean</b>	1595.82	0.00	200	25,200	0	25,200	17,900
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 15,128,000	<b>Change =</b> -449,000		
<b>+ Max</b>				<b>Monthly Max =</b> 15,558,000	<b>Min =</b> 15,119,000		
<b>- Min</b>				<b>Monthly Precip =</b> 0.00 inches			
<b>Notes: Ice In 22Feb; Ice Out 27Mar</b>							
<b>Apr 2022</b>							

## MONTHLY RESERVOIR OPERATION

**BIG BEND**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Apr-2022**

**US ARMY CORPS OF ENGINEERS**

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
4/1	1420.35	0.00	200 -	26,900	0 +	26,900	25,000
4/2	1420.70	0.00	200	13,300	0 -	13,300	25,000
4/3	1421.10	0.00	200	10,000 -	0	10,000 -	26,000
4/4	1420.87	0.00	200	27,100	0	27,100	26,000
4/5	1421.29 +	0.00	200	29,100	0	29,100	26,000
4/6	1420.94	0.00	200	28,800	0	28,800	26,000
4/7	1420.82	0.00	200	29,100	0	29,100	26,000
4/8	1420.65	0.00	200	29,500	0	29,500	26,000
4/9	1420.78	0.00	200	20,500	0	20,500	25,000
4/10	1420.95	0.00	200	17,900	0	17,900	23,000
4/11	1420.71	0.00	200	28,800	0	28,800	26,000
4/12	1421.26	0.00	200	29,100	0	29,100	28,000
4/13	1421.17	0.00	200	27,800	0	27,800	26,000
4/14	1420.90	0.00	200	27,700	0	27,700	26,000
4/15	1420.39	0.00	200	27,900	0	27,900	26,000
4/16	1420.67	0.00	200	12,600	0	12,600	18,000 -
4/17	1421.05	0.00	200	14,200	0	14,200	22,000
4/18	1420.74	0.00	200	28,800	0	28,800	24,000
4/19	1420.44	0.00	200	30,100	0	30,100	24,000
4/20	1420.46	0.00	300	29,300	0	29,300	27,000
4/21	1420.49	0.00	300	28,700	0	28,700	26,000
4/22	1420.33 -	0.00	400 +	28,800	0	28,800	26,000
4/23	1421.06	0.00	400	14,300	0	14,300	27,000
4/24	1421.23	0.00	200	14,200	0	14,200	28,000
4/25	1420.99	0.00	200	29,600	0	29,600	24,000
4/26	1420.88	0.00	200	30,900	0	30,900	27,000
4/27	1420.63	0.00	200	30,400	0	30,400	27,000
4/28	1420.69	0.00	200	31,300 +	0	31,300 +	28,000
4/29	1420.66	0.00	200	30,500	0	30,500	32,000 +
4/30	1421.17	0.00	200	17,000	0	17,000	32,000
<b>Total (DSF)</b>		0.00	6,600	744,200	0	744,200	778,000
<b>Total (ac-ft)</b>			13,100	1,476,000	0	1,476,000	1,543,000
<b>Mean</b>	1420.81	0.00	200	24,800	0	24,800	25,900
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 1,696,000	<b>Change =</b> 54,000		
<b>+ Max</b>				<b>Monthly Max =</b> 1,698,000	<b>Min =</b> 1,638,000		
<b>- Min</b>				<b>Monthly Precip = 0.83 inches</b>			
<b>Notes: Ice in 29Dec; Ice Out 28Mar</b>							

**Apr 2022**

## MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Apr-2022

US ARMY CORPS OF ENGINEERS

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
4/1	1353.65	0.00	0 -	19,700	0 +	19,700	33,000
4/2	1353.43	0.00	0	20,100	0 -	20,100	16,000
4/3	1353.28	0.00	100 +	21,200	0	21,200	10,000 -
4/4	1352.79 -	0.00	100	21,600	0	21,600	24,000
4/5	1353.54	0.00	100	20,200	0	20,200	25,000
4/6	1354.16	0.00	100	16,700 -	0	16,700 -	29,000
4/7	1354.35	0.00	100	16,900	0	16,900	29,000
4/8	1354.26	0.00	100	17,000	0	17,000	29,000
4/9	1354.26	0.00	100	19,000	0	19,000	21,000
4/10	1354.20	0.00	100	22,300	0	22,300	18,000
4/11	1354.26	0.00	100	22,400	0	22,400	27,000
4/12	1355.14	0.00	100	22,700	0	22,700	29,000
4/13	1354.86	0.00	100	22,100	0	22,100	29,000
4/14	1354.80	0.00	100	22,300	0	22,300	29,000
4/15	1354.92	0.00	100	22,200	0	22,200	29,000
4/16	1354.63	0.00	100	22,300	0	22,300	12,000
4/17	1354.54	0.00	100	22,300	0	22,300	13,000
4/18	1354.45	0.00	100	22,500	0	22,500	22,000
4/19	1354.20	0.00	100	24,600 +	0	24,600 +	26,000
4/20	1354.67	0.00	100	24,100	0	24,100	28,000
4/21	1354.77	0.00	100	24,000	0	24,000	29,000
4/22	1354.31	0.00	100	24,100	0	24,100	16,000
4/23	1354.94	0.00	100	24,200	0	24,200	27,000
4/24	1354.95	0.00	100	23,900	0	23,900	19,000
4/25	1354.43	0.00	100	23,800	0	23,800	21,000
4/26	1354.77	0.00	100	23,700	0	23,700	34,000
4/27	1354.82	0.00	100	23,800	0	23,800	31,000
4/28	1355.09	0.00	100	23,700	0	23,700	31,000
4/29	1355.63	0.00	100	21,500	0	21,500	39,000 +
4/30	1356.10 +	0.00	100	19,400	0	19,400	36,000
<b>Total (DSF)</b>		0.00	2,800	654,300	0	654,300	761,000
<b>Total (ac-ft)</b>			5,600	1,298,000	0	1,298,000	1,509,000
<b>Mean</b>	1354.47	0.00	100	21,800	0	21,800	25,400
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 3,475,000	<b>Change =</b>		206,000
<b>+ Max</b>				<b>Monthly Max =</b> 3,475,000	<b>Min =</b>		3,265,000
<b>- Min</b>				<b>Monthly Precip = 0.00 inches</b>			
<b>Notes: Ice In 06Jan; Ice Out 21Mar</b>							
<b>Apr 2022</b>							

**MONTHLY RESERVOIR OPERATION**

**GAVINS POINT**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Apr-2022**

**US ARMY CORPS OF ENGINEERS**

Apr 2022	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
4/1	1206.67	0.00	0 -	20,600	1,300 -	21,900 -	24,000
4/2	1206.67	0.00	0	20,400	2,100	22,500	23,000
4/3	1206.74	0.00	0	20,300	2,100	22,400	23,000
4/4	1206.73	0.00	0	14,600	7,900	22,500	23,000
4/5	1207.03	0.00	0	10,300	12,300 +	22,600	25,000
4/6	1207.31 +	0.00	0	10,100 -	12,100	22,200	24,000
4/7	1207.04	0.00	0	15,100	7,200	22,300	21,000
4/8	1206.67	0.00	0	19,300	3,700	23,000	19,000 -
4/9	1206.12	0.00	100	19,300	5,300	24,600	19,000
4/10	1205.96	0.00	100	19,300	5,300	24,600	22,000
4/11	1205.77 -	0.00	100	20,000	4,500	24,500	23,000
4/12	1206.29	0.00	100	20,300	3,700	24,000	25,000
4/13	1206.34	0.00	100	20,400	3,200	23,600	25,000
4/14	1206.25	0.00	100	20,300	3,200	23,500	25,000
4/15	1206.18	0.00	100	20,700	3,200	23,900	24,000
4/16	1206.12	0.00	100	20,700	3,300	24,000	24,000
4/17	1206.23	0.00	100	20,800	3,700	24,500	24,000
4/18	1206.07	0.00	100	20,800	3,900	24,700	25,000
4/19	1205.85	0.00	100	20,900 +	4,700	25,600	25,000
4/20	1205.98	0.00	100	20,800	5,200	26,000 +	26,000
4/21	1205.89	0.00	100	20,800	5,200	26,000	26,000
4/22	1205.96	0.00	100	20,800	5,200	26,000	27,000
4/23	1206.14	0.00	100	20,700	5,100	25,800	26,000
4/24	1206.27	0.00	100	20,700	4,800	25,500	26,000
4/25	1206.35	0.00	100	20,800	4,800	25,600	27,000
4/26	1206.19	0.20	100	20,700	4,800	25,500	26,000
4/27	1206.19	0.10	100	20,600	4,900	25,500	26,000
4/28	1206.34	0.10	100	20,000	5,400	25,400	26,000
4/29	1206.38	0.40	200 +	19,700	5,000	24,700	26,000
4/30	1206.85	0.40	200	19,900	4,300	24,200	28,000 +
<b>Total (DSF)</b>		1.20	2,400	579,700	147,400	727,100	733,000
<b>Total (ac-ft)</b>			4,800	1,150,000	292,000	1,442,000	1,454,000
<b>Mean</b>	1206.35	0.04	100	19,300	4,900	24,200	24,400
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 345,000	<b>Change =</b> 7,000		
<b>+ Max</b>				<b>Monthly Max =</b> 353,000	<b>Min =</b> 323,000		
<b>- Min</b>				<b>Monthly Precip = 0.00 inches</b>			
<b>Notes: Ice in 29Dec; Ice out 21Mar</b>							