

**MONTHLY RESERVOIR OPERATION**

**FORT PECK**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Mar-2021**

**US ARMY CORPS OF ENGINEERS**

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
3/1	2233.21	0.00	200 -	9,900 +	0 +	9,900 +	8,000
3/2	2233.15	0.00	200	9,900	0 -	9,900	7,000
3/3	2233.12 -	0.00	200	7,800	0	7,800	7,000
3/4	2233.13	0.00	300 +	7,800	0	7,800	8,000
3/5	2233.13	0.00	300	7,000	0	7,000	8,000
3/6	2233.20	0.00	300	6,700 -	0	6,700 -	10,000
3/7	2233.16	0.00	300	7,100	0	7,100	9,000
3/8	2233.20	0.00	300	6,700	0	6,700	10,000
3/9	2233.22	0.00	300	7,000	0	7,000	10,000
3/10	2233.27	0.00	300	7,100	0	7,100	10,000
3/11	2233.27	0.00	300	7,000	0	7,000	10,000
3/12	2233.27	0.00	300	6,900	0	6,900	9,000
3/13	2233.30	0.00	300	7,000	0	7,000	9,000
3/14	2233.34	0.00	300	7,100	0	7,100	10,000
3/15	2233.39	0.00	300	7,200	0	7,200	13,000 +
3/16	2233.42	0.00	300	6,900	0	6,900	10,000
3/17	2233.45	0.00	300	6,900	0	6,900	9,000
3/18	2233.46	0.00	300	7,100	0	7,100	9,000
3/19	2233.48 +	0.00	300	7,000	0	7,000	8,000
3/20	2233.45	0.00	300	7,100	0	7,100	8,000
3/21	2233.43	0.00	300	6,900	0	6,900	7,000
3/22	2233.43	0.00	300	7,200	0	7,200	7,000
3/23	2233.43	0.00	300	7,100	0	7,100	7,000
3/24	2233.41	0.00	300	7,300	0	7,300	6,000 -
3/25	2233.41	0.00	300	7,200	0	7,200	7,000
3/26	2233.43	0.00	300	7,600	0	7,600	7,000
3/27	2233.46	0.00	300	6,900	0	6,900	7,000
3/28	2233.40	0.00	300	7,000	0	7,000	7,000
3/29	2233.47	0.00	300	7,100	0	7,100	6,000
3/30	2233.37	0.00	300	6,900	0	6,900	6,000
3/31	2233.38	0.00	300	6,900	0	6,900	6,000
<b>Total (DSF)</b>		0.00	9,000	225,300	0	225,300	255,000
<b>Total (ac-ft)</b>			17,900	447,000	0	447,000	506,000
<b>Mean</b>	2233.33	0.00	300	7,300	0	7,300	8,200
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 14,658,000	<b>Change =</b> 41,000		
<b>+ Max</b>				<b>Monthly Max =</b> 14,674,000	<b>Min =</b> 14,605,000		
<b>- Min</b>				<b>Monthly Precip =</b> 0.00 inches			
<b>Notes: Ice in 06Feb.</b>							

Mar 2021

## MONTHLY RESERVOIR OPERATION

**GARRISON**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Mar-2021**

**US ARMY CORPS OF ENGINEERS**

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				INFLOW
		PAN INCH	FLOW CFS	POWER	SPILL	TOTAL	DIVERT	
3/1	1836.81	0.00	300 -	21,700 +	0 +	21,700 +	0 +	17,000
3/2	1836.78	0.00	400 +	21,500	0 -	21,500	0 -	17,000
3/3	1836.79	0.00	400	21,300	0	21,300	0	19,000
3/4	1836.73	0.00	400	20,900	0	20,900	0	20,000
3/5	1836.69	0.00	400	19,000	0	19,000	0	20,000
3/6	1836.73	0.00	400	18,900	0	18,900	0	21,000
3/7	1836.75	0.00	400	18,400	0	18,400	0	21,000
3/8	1836.76	0.00	400	19,200	0	19,200	0	21,000
3/9	1836.82	0.00	400	18,200	0	18,200	0	21,000
3/10	1836.85	0.00	400	18,100 -	0	18,100 -	0	20,000
3/11	1836.82	0.00	400	18,400	0	18,400	0	20,000
3/12	1836.83	0.00	400	18,400	0	18,400	0	19,000
3/13	1836.84	0.00	400	18,300	0	18,300	0	19,000
3/14	1836.80	0.00	400	18,700	0	18,700	0	19,000
3/15	1836.83	0.00	400	18,300	0	18,300	0	21,000
3/16	1836.83	0.00	400	18,300	0	18,300	0	21,000
3/17	1836.85	0.00	400	18,200	0	18,200	0	21,000
3/18	1836.81	0.00	400	18,400	0	18,400	0	21,000
3/19	1836.86	0.00	400	18,300	0	18,300	0	21,000
3/20	1836.96	0.00	400	18,300	0	18,300	0	22,000 +
3/21	1836.97	0.00	400	18,400	0	18,400	0	22,000
3/22	1836.99	0.00	400	18,300	0	18,300	0	22,000
3/23	1837.00	0.00	400	18,300	0	18,300	0	19,000
3/24	1836.94	0.00	400	18,200	0	18,200	0	18,000
3/25	1837.00	0.00	400	18,200	0	18,200	0	18,000
3/26	1836.99	0.00	400	18,500	0	18,500	0	18,000
3/27	1836.95	0.00	400	18,300	0	18,300	0	17,000
3/28	1836.81	0.00	400	18,300	0	18,300	0	15,000
3/29	1837.88 +	0.00	400	18,300	0	18,300	0	14,000
3/30	1836.76	0.00	400	18,200	0	18,200	0	13,000 -
3/31	1836.66 -	0.00	400	18,400	0	18,400	0	13,000
<b>Total (DSF)</b>		0.00	12,300	582,200	0	582,200	0	590,000
<b>Total (ac-ft)</b>			24,400	1,155,000	0	1,155,000	0	1,170,000
<b>Mean</b>	1836.87	0.00	400	18,800	0	18,800	0	19,000
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 17,525,000	<b>Change =</b> -9,000			
<b>+ Max</b>	<b>Monthly Max =</b> 17,573,000			<b>Monthly Min =</b> 17,506,000				
<b>- Min</b>	<b>Monthly Precip =</b> 0.00 inches							
<b>Notes: Ice in 24Jan.</b>								

**Mar 2021**

## MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2021

US ARMY CORPS OF ENGINEERS

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
3/1	1606.63	0.00	500 -	18,800	0 +	18,800	22,000
3/2	1606.55 -	0.00	500	20,700 +	0 -	20,700 +	23,000
3/3	1606.65	0.00	500	19,900	0	19,900	25,000
3/4	1606.67	0.00	500	18,600	0	18,600	25,000
3/5	1606.73	0.00	500	18,400	0	18,400	25,000
3/6	1606.72	0.00	500	18,600	0	18,600	26,000
3/7	1606.84	0.00	500	16,100	0	16,100	26,000
3/8	1606.84	0.00	500	18,500	0	18,500	26,000
3/9	1606.90	0.00	500	18,200	0	18,200	29,000 +
3/10	1607.00	0.00	500	18,200	0	18,200	29,000
3/11	1607.04	0.00	500	18,300	0	18,300	25,000
3/12	1606.98	0.00	500	18,000	0	18,000	25,000
3/13	1607.09	0.00	500	16,800	0	16,800	23,000
3/14	1607.22	0.00	500	14,700	0	14,700	23,000
3/15	1607.21	0.00	500	18,900	0	18,900	23,000
3/16	1607.25	0.00	500	17,200	0	17,200	21,000
3/17	1607.28	0.00	500	17,600	0	17,600	20,000
3/18	1607.17	0.00	500	17,300	0	17,300	19,000
3/19	1607.15	0.00	500	17,200	0	17,200	19,000
3/20	1607.28	0.00	500	16,000	0	16,000	19,000
3/21	1607.37	0.00	500	14,200 -	0	14,200 -	19,000
3/22	1607.33	0.00	500	19,900	0	19,900	19,000
3/23	1607.60	0.00	500	19,800	0	19,800	19,000
3/24	1607.33	0.00	500	19,400	0	19,400	19,000
3/25	1607.36	0.00	500	19,600	0	19,600	19,000
3/26	1607.27	0.00	500	19,600	0	19,600	19,000
3/27	1607.28	0.00	600 +	19,100	0	19,100	18,000 -
3/28	1607.37	0.00	600	17,400	0	17,400	18,000
3/29	1607.67 +	0.00	600	18,100	0	18,100	18,000
3/30	1607.43	0.00	600	17,800	0	17,800	18,000
3/31	1607.18	0.00	600	19,800	0	19,800	18,000
<b>Total (DSF)</b>		0.00	16,000	562,700	0	562,700	677,000
<b>Total (ac-ft)</b>			31,700	1,116,000	0	1,116,000	1,343,000
<b>Mean</b>	1607.11	0.00	500	18,200	0	18,200	21,800
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 18,572,000	<b>Change =</b>		195,000
<b>+ Max</b>				<b>Monthly Max =</b> 18,594,000	<b>Min =</b>		18,382,000
<b>- Min</b>				<b>Monthly Precip = 0.00 inches</b>			
<b>Notes: Ice In 14Feb. Ice Out 08Mar.</b>							

**Mar 2021**

**MONTHLY RESERVOIR OPERATION**

**BIG BEND**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Mar-2021**

**US ARMY CORPS OF ENGINEERS**

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
3/1	1420.92	0.00	0 -	22,700	0 +	22,700	18,000
3/2	1420.83	0.00	0	22,800	0 -	22,800	20,000
3/3	1420.83	0.00	0	23,000	0	23,000	23,000 +
3/4	1420.72	0.00	0	22,100	0	22,100	19,000
3/5	1420.57	0.00	0	22,000	0	22,000	18,000
3/6	1420.82	0.00	0	9,300	0	9,300	17,000
3/7	1421.15	0.00	0	9,500	0	9,500	19,000
3/8	1420.99	0.00	0	21,400	0	21,400	17,000
3/9	1421.06	0.00	100 +	21,100	0	21,100	20,000
3/10	1420.95	0.00	100	21,300	0	21,300	19,000
3/11	1420.80	0.00	100	21,400	0	21,400	18,000
3/12	1420.66	0.00	100	21,400	0	21,400	18,000
3/13	1420.87	0.00	100	10,700	0	10,700	17,000
3/14	1421.05	0.00	100	12,900	0	12,900	16,000
3/15	1420.88	0.00	100	22,200	0	22,200	19,000
3/16	1420.99	0.00	100	21,100	0	21,100	20,000
3/17	1420.73	0.00	100	21,100	0	21,100	17,000
3/18	1420.58	0.00	100	21,300	0	21,300	17,000
3/19	1420.29 -	0.00	100	21,200	0	21,200	15,000
3/20	1420.55	0.00	100	7,400	0	7,400	14,000 -
3/21	1420.30	0.00	100	8,700	0	8,700	14,000
3/22	1420.78	0.00	100	23,100	0	23,100	23,000
3/23	1420.69	0.00	100	23,100	0	23,100	23,000
3/24	1420.56	0.00	100	23,100	0	23,100	19,000
3/25	1420.34	0.00	100	23,700 +	0	23,700 +	17,000
3/26	1420.37	0.00	100	23,500	0	23,500	20,000
3/27	1420.72	0.00	100	7,700	0	7,700	20,000
3/28	1421.06	0.00	100	5,400 -	0	5,400 -	18,000
3/29	1421.42 +	0.00	100	21,400	0	21,400	18,000
3/30	1420.83	0.00	100	20,800	0	20,800	18,000
3/31	1420.72	0.00	100	22,900	0	22,900	20,000
<b>Total (DSF)</b>		0.00	2,300	579,300	0	579,300	571,000
<b>Total (ac-ft)</b>			4,600	1,149,000	0	1,149,000	1,133,000
<b>Mean</b>	1420.78	0.00	100	18,700	0	18,700	18,400
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 1,674,000	<b>Change =</b> -21,000		
<b>+ Max</b>				<b>Monthly Max =</b> 1,699,000	<b>Min =</b> 1,644,000		
<b>- Min</b>				<b>Monthly Precip = 0.97 inches</b>			
<b>Notes: Ice In 31Dec. Ice Out 15Jan. Refroze 23Jan. Ice Out 19Mar.</b>							
<b>Mar 2021</b>							

## MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Mar-2021

US ARMY CORPS OF ENGINEERS

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
3/1	1350.70 -	0.00	200 -	9,100 -	0 +	9,100 -	16,000
3/2	1351.06	0.00	200	9,800	0 -	9,800	24,000
3/3	1351.41	0.00	200	10,100	0	10,100	24,000
3/4	1351.78	0.00	200	10,100	0	10,100	25,000
3/5	1352.12	0.00	200	10,200	0	10,200	25,000
3/6	1352.15	0.00	200	10,100	0	10,100	11,000
3/7	1352.33	0.00	200	10,400	0	10,400	17,000
3/8	1352.43	0.00	200	10,500	0	10,500	16,000
3/9	1352.94	0.00	200	12,300	0	12,300	27,000
3/10	1353.30	0.00	200	12,500	0	12,500	26,000
3/11	1353.31	0.00	200	13,700	0	13,700	22,000
3/12	1353.54	0.00	200	12,200	0	12,200	22,000
3/13	1353.57	0.00	200	12,000	0	12,000	14,000
3/14	1353.67	0.00	200	12,500	0	12,500	15,000
3/15	1353.86	0.00	200	13,400	0	13,400	22,000
3/16	1354.19	0.00	200	13,100	0	13,100	26,000
3/17	1354.50	0.00	200	10,900	0	10,900	23,000
3/18	1354.71	0.00	200	11,000	0	11,000	20,000
3/19	1354.75	0.00	200	11,100	0	11,100	18,000
3/20	1354.55	0.00	200	15,200	0	15,200	9,000
3/21	1354.55	0.00	200	18,400	0	18,400	16,000
3/22	1354.75	0.00	200	18,600	0	18,600	27,000
3/23	1355.26	0.00	200	18,400	0	18,400	35,000 +
3/24	1355.23	0.00	200	15,400	0	15,400	19,000
3/25	1355.45	0.00	200	15,000	0	15,000	23,000
3/26	1355.70	0.00	200	17,600	0	17,600	26,000
3/27	1355.70	0.00	200	18,400	0	18,400	16,000
3/28	1355.12	0.00	200	22,800	0	22,800	7,000 -
3/29	1355.95 +	0.00	200	24,200 +	0	24,200 +	17,000
3/30	1355.12	0.00	200	22,400	0	22,400	22,000
3/31	1355.01	0.00	300 +	22,300	0	22,300	24,000
<b>Total (DSF)</b>		0.00	6,300	443,700	0	443,700	634,000
<b>Total (ac-ft)</b>			12,500	880,000	0	880,000	1,258,000
<b>Mean</b>	1353.83	0.00	200	14,300	0	14,300	20,500
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 3,407,000	<b>Change =</b>		365,000
<b>+ Max</b>				<b>Monthly Max =</b> 3,457,000	<b>Min =</b>		3,055,000
<b>- Min</b>				<b>Monthly Precip = 13.21 inches</b>			
<b>Notes: Ice In 27Jan. Ice Out 11Mar</b>							
<b>Mar 2021</b>							

**MONTHLY RESERVOIR OPERATION**

**GAVINS POINT**

**MISSOURI RIVER**

**MISSOURI RIVER REGION**

**Mar-2021**

**US ARMY CORPS OF ENGINEERS**

Mar 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
3/1	1207.64	0.00	0 -	17,000	0 -	17,000	15,000 -
3/2	1207.53	0.00	0	17,000	0	17,000	15,000
3/3	1207.44	0.00	0	16,900 -	0	16,900 -	16,000
3/4	1207.35	0.00	0	17,000	0	17,000	16,000
3/5	1207.29	0.00	0	17,000	0	17,000	17,000
3/6	1207.16	0.00	100 +	17,000	0	17,000	15,000
3/7	1206.98	0.00	100	17,000	0	17,000	15,000
3/8	1206.76	0.00	100	17,000	0	17,000	15,000
3/9	1206.61	0.00	100	16,900	0	16,900	16,000
3/10	1206.67	0.00	100	17,000	0	17,000	17,000
3/11	1206.60	0.00	100	17,000	0	17,000	17,000
3/12	1206.65	0.00	0	17,000	0	17,000	17,000
3/13	1206.61	0.00	0	17,000	0	17,000	16,000
3/14	1206.41 -	0.00	0	17,000	0	17,000	17,000
3/15	1206.80	0.00	0	17,000	0	17,000	20,000
3/16	1207.22	0.00	0	17,000	0	17,000	22,000
3/17	1207.44	0.00	0	17,000	0	17,000	20,000
3/18	1207.51	0.00	0	17,000	0	17,000	17,000
3/19	1207.47	0.00	0	17,000	0	17,000	17,000
3/20	1207.42	0.00	0	17,100	0	17,100	17,000
3/21	1207.53	0.00	0	20,100	0	20,100	20,000
3/22	1207.56	0.00	0	19,900	2,200	22,100	23,000
3/23	1207.85 +	0.00	0	19,900	5,100	25,000	28,000 +
3/24	1207.80	0.00	0	20,000	6,000	26,000	26,000
3/25	1207.54	0.00	0	20,000	6,000	26,000	22,000
3/26	1207.14	0.00	0	20,100	7,100	27,200	23,000
3/27	1206.85	0.00	0	20,000	7,500 +	27,500	24,000
3/28	1206.54	0.00	0	20,100	7,500	27,600	25,000
3/29	1206.75	0.00	0	20,300	7,400	27,700	26,000
3/30	1206.67	0.00	0	20,500	7,500	28,000	28,000
3/31	1206.50	0.00	0	21,000 +	7,400	28,400 +	28,000
<b>Total (DSF)</b>		0.00	600	561,800	63,700	625,500	610,000
<b>Total (ac-ft)</b>			1,200	1,114,000	126,000	1,241,000	1,210,000
<b>Mean</b>	1207.11	0.00	0	18,100	2,100	20,200	19,700
<b>Monthly Reservoir Storage:</b>				<b>EOM =</b> 338,000	<b>Change =</b>		-32,000
<b>+ Max</b>				<b>Monthly Max =</b> 370,000	<b>Min =</b>		338,000
<b>- Min</b>				<b>Monthly Precip = 0.14 inches</b>			
<b>Notes: Ice in 25Dec. Ice Out 11Mar</b>							
<b>Mar 2021</b>							