

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
12/1	2226.63	0.00	900 +	5,100 -	0 +	5,100 -	6,000 +
12/2	2226.63	0.00	900	5,100	0 -	5,100	6,000
12/3	2226.63	0.00	900	5,200	0	5,200	6,000
12/4	2226.63	0.00	900	6,800	0	6,800	6,000
12/5	2226.63	0.00	900	7,300	0	7,300	6,000
12/6	2226.64 +	0.00	900	8,700	0	8,700	6,000
12/7	2226.55	0.00	900	8,700	0	8,700	6,000
12/8	2226.48	0.00	900	8,700	0	8,700	6,000
12/9	2226.40	0.00	900	8,600	0	8,600	3,000 -
12/10	2226.42	0.00	900	8,700	0	8,700	3,000
12/11	2226.34	0.00	900	9,000	0	9,000	3,000
12/12	2226.15	0.00	900	8,800	0	8,800	3,000
12/13	2226.17	0.00	900	8,200	0	8,200	4,000
12/14	2226.12	0.00	900	8,200	0	8,200	5,000
12/15	2226.08	0.00	900	9,000	0	9,000	5,000
12/16	2225.98	0.00	900	8,600	0	8,600	5,000
12/17	2225.98	0.00	900	9,000	0	9,000	5,000
12/18	2225.90	0.00	900	9,000	0	9,000	4,000
12/19	2225.81	0.00	900	9,000	0	9,000	3,000
12/20	2225.85	0.00	900	8,900	0	8,900	3,000
12/21	2225.70	0.00	900	8,900	0	8,900	3,000
12/22	2225.71	0.00	900	8,900	0	8,900	3,000
12/23	2225.69	0.00	900	9,000	0	9,000	3,000
12/24	2225.45	0.00	900	9,000	0	9,000	3,000
12/25	2225.38	0.00	900	8,900	0	8,900	3,000
12/26	2225.43	0.00	900	9,100 +	0	9,100 +	3,000
12/27	2225.28	0.00	900	8,000	0	8,000	3,000
12/28	2225.17	0.00	900	9,100	0	9,100	3,000
12/29	2225.18	0.00	800 -	9,100	0	9,100	3,000
12/30	2225.05	0.00	800	9,000	0	9,000	3,000
12/31	2224.99 -	0.00	800	9,100	0	9,100	3,000
Total (DSF)		0.00	27,600	258,700	0	258,700	127,000
Total (ac-ft)			54,700	513,000	0	513,000	252,000
Mean	2225.97	0.00	900	8,300	0	8,300	4,100
Monthly Reservoir Storage:				EOM = 12,988,000	Change = -316,000		
+ Max				Monthly Max = 13,304,000	Min = 12,988,000		
- Min				Monthly Precip = 0.03 inches			
Notes:							

Dec 2021

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW	
				POWER	SPILL	TOTAL	DIVERT	
12/1	1829.64	0.00	1,300 +	12,900	0 +	12,900	0 +	12,000 +
12/2	1829.60	0.00	1,300	13,000	0 -	13,000	0 -	12,000
12/3	1829.52	0.00	1,300	12,600 -	0	12,600 -	0	12,000
12/4	1829.32	0.00	1,300	13,800	0	13,800	0	12,000
12/5	1829.68 +	0.00	1,300	16,700	0	16,700	0	12,000
12/6	1829.36	0.00	1,300	16,700	0	16,700	0	12,000
12/7	1829.27	0.00	1,300	17,300 +	0	17,300 +	0	12,000
12/8	1829.25	0.00	1,300	16,700	0	16,700	0	11,000
12/9	1829.12	0.00	1,300	16,400	0	16,400	0	11,000
12/10	1829.28	0.00	1,300	16,100	0	16,100	0	11,000
12/11	1829.10	0.00	1,300	15,800	0	15,800	0	10,000 -
12/12	1829.06	0.00	1,300	15,800	0	15,800	0	11,000
12/13	1828.87	0.00	1,300	15,900	0	15,900	0	11,000
12/14	1829.03	0.00	1,300	16,000	0	16,000	0	12,000
12/15	1829.27	0.00	1,300	15,900	0	15,900	0	12,000
12/16	1828.94	0.00	1,300	15,900	0	15,900	0	12,000
12/17	1828.98	0.00	1,300	16,000	0	16,000	0	11,000
12/18	1828.84	0.00	1,300	15,800	0	15,800	0	11,000
12/19	1828.95	0.00	1,300	15,900	0	15,900	0	11,000
12/20	1828.69	0.00	1,300	16,000	0	16,000	0	11,000
12/21	1828.65	0.00	1,300	16,000	0	16,000	0	11,000
12/22	1828.59	0.00	1,300	15,800	0	15,800	0	11,000
12/23	1828.54	0.00	1,300	16,000	0	16,000	0	11,000
12/24	1828.51	0.00	1,200 -	16,000	0	16,000	0	11,000
12/25	1828.37	0.00	1,200	16,100	0	16,100	0	11,000
12/26	1828.33	0.00	1,200	16,000	0	16,000	0	11,000
12/27	1828.35	0.00	1,200	15,900	0	15,900	0	11,000
12/28	1828.30	0.00	1,200	16,000	0	16,000	0	11,000
12/29	1828.28 -	0.00	1,200	16,000	0	16,000	0	11,000
12/30	1828.28	0.00	1,200	16,000	0	16,000	0	11,000
12/31	1828.28	0.00	1,200	16,000	0	16,000	0	11,000
Total (DSF)		0.00	39,500	487,000	0	487,000	0	350,000
Total (ac-ft)			78,300	966,000	0	966,000	0	694,000
Mean	1828.91	0.00	1,300	15,700	0	15,700	0	11,300
Monthly Reservoir Storage:		EOM = 15,051,000			Change = -350,000			
+ Max	Monthly Max = 15,397,000			Monthly Min = 15,051,000				
- Min	Monthly Precip = 0.00 inches							
Notes: Ice in 28Dec								

Dec 2021

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
12/1	1596.40	0.00	1,500 +	14,700	0 +	14,700	14,000
12/2	1596.24	0.00	1,500 -	13,100	0 -	13,100	15,000
12/3	1596.36	0.00	1,500	14,100	0	14,100	15,000
12/4	1596.19 -	0.00	1,500	13,400	0	13,400	15,000
12/5	1596.70	0.00	1,500	11,400	0	11,400	15,000
12/6	1596.37	0.00	1,500	12,600	0	12,600	16,000
12/7	1596.32	0.00	1,500	12,500	0	12,500	18,000
12/8	1596.41	0.00	1,500	12,300	0	12,300	18,000
12/9	1596.25	0.00	1,500	12,300	0	12,300	18,000
12/10	1596.46	0.00	1,500	11,700	0	11,700	18,000
12/11	1596.42	0.00	1,500	9,700	0	9,700	17,000
12/12	1596.59	0.00	1,500	8,600	0	8,600	17,000
12/13	1596.47	0.00	1,500	11,800	0	11,800	17,000
12/14	1596.60	0.00	1,500	11,900	0	11,900	17,000
12/15	1596.93	0.00	1,500	11,800	0	11,800	17,000
12/16	1596.65	0.00	1,500	11,600	0	11,600	17,000
12/17	1596.89	0.00	1,500	11,700	0	11,700	17,000
12/18	1596.63	0.00	1,500	10,100	0	10,100	17,000
12/19	1597.08	0.00	1,500	8,100 -	0	8,100 -	17,000
12/20	1596.65	0.00	1,500	12,000	0	12,000	17,000
12/21	1596.80	0.00	1,500	12,400	0	12,400	17,000
12/22	1596.87	0.00	1,500	11,800	0	11,800	17,000
12/23	1596.74	0.00	1,500	12,300	0	12,300	19,000 +
12/24	1596.94	0.00	1,500	10,300	0	10,300	17,000
12/25	1597.01	0.00	1,500	9,900	0	9,900	17,000
12/26	1597.11	0.00	1,500	9,000	0	9,000	17,000
12/27	1597.17 +	0.00	1,500	15,000	0	15,000	17,000
12/28	1597.01	0.00	1,500	15,100 +	0	15,100 +	16,000
12/29	1596.93	0.00	1,500	14,300	0	14,300	15,000
12/30	1596.96	0.00	1,500	14,100	0	14,100	15,000
12/31	1596.95	0.00	1,500	12,600	0	12,600	11,000 -
Total (DSF)		0.00	46,500	372,200	0	372,200	510,000
Total (ac-ft)			92,200	738,000	0	738,000	1,012,000
Mean	1596.68	0.00	1,500	12,000	0	12,000	16,500
Monthly Reservoir Storage:				EOM = 15,627,000	Change =		181,000
+ Max				Monthly Max = 15,636,000	Min =		15,442,000
- Min				Monthly Precip = 0.00 inches			
Notes:							

Dec 2021

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
12/1	1420.59	0.00	200 +	17,300	0 +	17,300	15,000 +
12/2	1420.51	0.00	200	16,300	0 -	16,300	15,000
12/3	1420.39 -	0.00	200	17,800	0	17,800	14,000
12/4	1420.52	0.00	200	1,300	0	1,300	13,000
12/5	1421.24	0.00	200	4,600	0	4,600	12,000
12/6	1420.66	0.00	200	14,900	0	14,900	10,000
12/7	1420.76	0.00	200	15,000	0	15,000	12,000
12/8	1420.66	0.00	200	15,000	0	15,000	13,000
12/9	1420.49	0.00	100 -	14,900	0	14,900	12,000
12/10	1420.66	0.00	100	15,100	0	15,100	14,000
12/11	1420.69	0.00	100	2,700	0	2,700	9,000
12/12	1420.99	0.00	100	0 -	0	0 -	8,000 -
12/13	1420.85	0.00	100	14,800	0	14,800	10,000
12/14	1420.78	0.00	100	15,100	0	15,100	11,000
12/15	1421.28 +	0.00	100	15,000	0	15,000	12,000
12/16	1420.57	0.00	100	14,800	0	14,800	12,000
12/17	1420.61	0.00	100	15,100	0	15,100	12,000
12/18	1420.66	0.00	100	800	0	800	9,000
12/19	1420.97	0.00	100	0	0	0	9,000
12/20	1420.81	0.00	100	14,700	0	14,700	11,000
12/21	1420.80	0.00	100	14,800	0	14,800	12,000
12/22	1420.83	0.00	100	14,900	0	14,900	15,000
12/23	1420.64	0.00	100	12,500	0	12,500	11,000
12/24	1420.73	0.00	100	10,000	0	10,000	11,000
12/25	1420.84	0.00	100	5,700	0	5,700	10,000
12/26	1421.01	0.00	100	3,800	0	3,800	8,000
12/27	1420.82	0.00	100	17,600	0	17,600	13,000
12/28	1420.73	0.00	100	18,400 +	0	18,400 +	15,000
12/29	1420.63	0.00	100	17,200	0	17,200	15,000
12/30	1420.57	0.00	100	17,200	0	17,200	15,000
12/31	1420.57	0.00	100	13,300	0	13,300	14,000
Total (DSF)		0.00	3,900	370,600	0	370,600	372,000
Total (ac-ft)			7,700	735,000	0	735,000	738,000
Mean	1420.74	0.00	100	12,000	0	12,000	12,000
Monthly Reservoir Storage:				EOM = 1,663,000	Change = -5,000		
+ Max				Monthly Max = 1,689,000	Min = 1,652,000		
- Min				Monthly Precip = 0.07 inches			
Notes: Ice in 28Dec							

Dec 2021

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
12/1	1337.19 -	0.00	100 +	10,900	0 +	10,900	17,000
12/2	1337.60	0.00	100	10,600	0 -	10,600	19,000 +
12/3	1337.83	0.00	100	10,000	0	10,000	19,000
12/4	1337.87	0.00	100	10,000	0	10,000	18,000
12/5	1338.09	0.00	100	9,800	0	9,800	5,000
12/6	1337.70	0.00	100	9,700	0	9,700	5,000
12/7	1337.84	0.00	100	9,700	0	9,700	13,000
12/8	1337.96	0.00	100	9,800	0	9,800	14,000
12/9	1338.18	0.00	100	9,400	0	9,400	15,000
12/10	1338.66	0.00	100	9,400	0	9,400	17,000
12/11	1338.65	0.00	100	9,700	0	9,700	14,000
12/12	1338.53	0.00	100	9,500	0	9,500	6,000
12/13	1338.31	0.00	100	9,600	0	9,600	4,000
12/14	1338.35	0.00	100	9,600	0	9,600	10,000
12/15	1338.83	0.00	100	9,500	0	9,500	14,000
12/16	1338.66	0.00	100	9,100	0	9,100	14,000
12/17	1339.14	0.00	100	9,100	0	9,100	14,000
12/18	1339.01	0.00	100	8,600 -	0	8,600 -	12,000
12/19	1338.95	0.00	100	8,700	0	8,700	8,000
12/20	1338.66	0.00	100	8,700	0	8,700	1,000 -
12/21	1338.68	0.00	100	9,800	0	9,800	10,000
12/22	1338.95	0.00	100	9,600	0	9,600	17,000
12/23	1339.01	0.00	100	10,200	0	10,200	12,000
12/24	1339.25 +	0.00	100	10,100	0	10,100	14,000
12/25	1339.21	0.00	100	9,700	0	9,700	11,000
12/26	1339.04	0.00	100	9,700	0	9,700	6,000
12/27	1338.79	0.00	100	9,600	0	9,600	3,000
12/28	1338.91	0.00	0 -	10,200	0	10,200	13,000
12/29	1339.01	0.00	0	10,000	0	10,000	14,000
12/30	1339.13	0.00	0	12,400 +	0	12,400 +	15,000
12/31	1339.24	0.00	0	12,100	0	12,100	16,000
Total (DSF)		0.00	2,700	304,800	0	304,800	370,000
Total (ac-ft)			5,400	605,000	0	605,000	734,000
Mean	1338.56	0.00	100	9,800	0	9,800	11,900
Monthly Reservoir Storage:				EOM = 2,287,000	Change =		124,000
+ Max				Monthly Max = 2,287,000	Min =		2,175,000
- Min				Monthly Precip = 19.81 inches			
Notes:							

Dec 2021

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

Dec-2021

US ARMY CORPS OF ENGINEERS

Dec 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW		TOTAL	
				POWER	SPILL		
12/1	1207.75	0.40	0 +	14,000 +	0 +	14,000 +	14,000 +
12/2	1207.64	0.40	0 -	14,000	0 -	14,000	13,000
12/3	1207.66	0.40	0	13,000	0	13,000	13,000
12/4	1207.53	0.40	0	13,000	0	13,000	13,000
12/5	1207.80	0.40	0	13,000	0	13,000	13,000
12/6	1207.49	0.40	0	13,000	0	13,000	12,000
12/7	1207.50	0.00	0	13,000	0	13,000	12,000
12/8	1207.46 -	0.00	0	12,000 -	0	12,000 -	12,000
12/9	1207.53	0.00	0	12,000	0	12,000	12,000
12/10	1207.67	0.00	0	12,000	0	12,000	13,000
12/11	1207.70	0.00	0	12,000	0	12,000	13,000
12/12	1207.70	0.00	0	12,000	0	12,000	12,000
12/13	1207.64	0.00	0	12,000	0	12,000	12,000
12/14	1207.70	0.00	0	12,000	0	12,000	12,000
12/15	1208.21 +	0.00	0	12,000	0	12,000	13,000
12/16	1207.75	0.00	0	12,000	0	12,000	12,000
12/17	1207.90	0.00	0	12,000	0	12,000	12,000
12/18	1207.73	0.00	0	12,000	0	12,000	12,000
12/19	1207.70	0.00	0	12,000	0	12,000	11,000 -
12/20	1207.62	0.00	0	12,000	0	12,000	11,000
12/21	1207.58	0.00	0	12,000	0	12,000	12,000
12/22	1207.66	0.00	0	12,000	0	12,000	12,000
12/23	1207.64	0.00	0	12,000	0	12,000	13,000
12/24	1207.66	0.00	0	12,000	0	12,000	12,000
12/25	1207.73	0.00	0	12,100	0	12,100	12,000
12/26	1207.75	0.00	0	12,000	0	12,000	12,000
12/27	1207.75	0.00	0	12,000	0	12,000	12,000
12/28	1207.75	0.00	0	12,000	0	12,000	12,000
12/29	1207.66	0.00	0	12,000	0	12,000	12,000
12/30	1207.50	0.00	0	13,400	0	13,400	11,000
12/31	1207.50	0.00	0	14,000	0	14,000	14,000
Total (DSF)		2.40	0	384,500	0	384,500	381,000
Total (ac-ft)			0	763,000	0	763,000	756,000
Mean	1207.67	0.08	0	12,400	0	12,400	12,300
Monthly Reservoir Storage:				EOM = 362,000	Change = -7,000		
+ Max				Monthly Max = 369,000	Min = 362,000		
- Min				Monthly Precip = 0.01 inches			
Notes: Ice in 29Dec							