

MONTHLY RESERVOIR OPERATION

FORT PECK

MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
8/1	2230.69 +	0.40	2,200	9,300	0 +	9,300	4,000 -
8/2	2230.63	0.40	2,200	9,400	0 -	9,400	5,000
8/3	2230.60	0.40	1,200	9,400	0	9,400	5,000
8/4	2230.51	0.40	2,200	9,400	0	9,400	5,000
8/5	2230.46	0.40	2,200	9,400	0	9,400	5,000
8/6	2230.41	0.30	2,200	9,400	0	9,400	5,000
8/7	2230.34	0.40	2,200	9,500	0	9,500	5,000
8/8	2230.26	0.30	2,200	9,300	0	9,300	5,000
8/9	2230.20	0.40	2,200	9,200	0	9,200	5,000
8/10	2230.20	0.30	2,200	9,300	0	9,300	5,000
8/11	2230.04	0.20	2,200	9,500	0	9,500	5,000
8/12	2229.99	0.40	2,200	9,600	0	9,600	5,000
8/13	2229.92	0.30	2,500 +	9,300	0	9,300	5,000
8/14	2229.86	0.30	2,500	8,500	0	8,500	5,000
8/15	2229.80	0.30	2,400	8,400 -	0	8,400 -	5,000
8/16	2229.74	0.30	2,400	8,400	0	8,400	5,000
8/17	2229.36	0.30	2,200	8,700	0	8,700	5,000
8/18	2229.70	0.30	2,000	9,400	0	9,400	5,000
8/19	2229.58	0.30	1,600	9,600	0	9,600	7,000
8/20	2229.60	0.30	1,600	9,700	0	9,700	11,000 +
8/21	2229.45	0.30	1,600	9,800 +	0	9,800 +	7,000
8/22	2229.55	0.20	1,100 -	9,800	0	9,800	6,000
8/23	2229.50	0.30	1,600	9,300	0	9,300	6,000
8/24	2229.41	0.20	1,100	9,700	0	9,700	5,000
8/25	2229.29	0.40	2,100	9,700	0	9,700	5,000
8/26	2229.30	0.40	2,100	9,700	0	9,700	9,000
8/27	2229.30	0.40	2,100	9,700	0	9,700	10,000
8/28	2229.24	0.40	2,100	9,600	0	9,600	6,000
8/29	2229.17	0.20	1,200	9,700	0	9,700	5,000
8/30	2229.09	0.20	1,200	9,700	0	9,700	5,000
8/31	2228.99 -	0.40	2,100	9,700	0	9,700	5,000
Total (DSF)		10.10	60,900	291,100	0	291,100	176,000
Total (ac-ft)			120,800	577,000	0	577,000	349,000
Mean	2229.81	0.33	2,000	9,400	0	9,400	5,700
Monthly Reservoir Storage:				EOM = 13,773,000	Change = -349,000		
+ Max				Monthly Max = 14,107,000	Min = 13,773,000		
- Min				Monthly Precip = 0.99 inches			
Notes:							

Aug 2021

MONTHLY RESERVOIR OPERATION

GARRISON

MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS				
		PAN INCH	FLOW CFS	OUTFLOW				INFLOW
				POWER	SPILL	TOTAL	DIVERT	
8/1	1834.63 +	0.00	2,200 +	22,200	0 +	22,200	0 -	12,000
8/2	1834.58	0.00	2,200	22,300	0 -	22,300	0	12,000
8/3	1834.46	0.00	2,200	22,400	0	22,400	100 +	12,000
8/4	1834.41	0.00	2,200	23,200 +	0	23,200 +	100	12,000
8/5	1834.29	0.00	2,200	22,300	0	22,300	100	11,000 -
8/6	1834.13	0.00	2,200	21,300	0	21,300	100	11,000
8/7	1834.11	0.00	2,200	21,100	0	21,100	100	12,000
8/8	1834.11	0.00	2,200	21,200	0	21,200	100	12,000
8/9	1834.03	0.00	2,200	21,000 -	0	21,000 -	100	12,000
8/10	1833.89	0.00	2,200	21,100	0	21,100	100	12,000
8/11	1833.83	0.00	2,200	21,100	0	21,100	100	12,000
8/12	1833.62	0.00	2,200	21,200	0	21,200	100	12,000
8/13	1833.53	0.00	2,200	21,200	0	21,200	100	12,000
8/14	1833.47	0.00	2,200	21,300	0	21,300	100	12,000
8/15	1833.40	0.00	2,200	21,200	0	21,200	100	12,000
8/16	1833.31	0.00	2,200	21,200	0	21,200	100	12,000
8/17	1833.20	0.00	2,200	21,400	0	21,400	100	12,000
8/18	1833.23	0.00	2,200	21,200	0	21,200	100	12,000
8/19	1833.17	0.00	2,200	21,400	0	21,400	100	12,000
8/20	1833.40	0.00	2,200	21,100	0	21,100	100	12,000
8/21	1832.97	0.00	2,100	21,100	0	21,100	100	12,000
8/22	1833.08	0.00	2,200	21,200	0	21,200	100	12,000
8/23	1832.68	0.00	2,100	21,200	0	21,200	100	12,000
8/24	1832.84	0.00	2,100	21,300	0	21,300	100	12,000
8/25	1832.60	0.00	2,100	21,300	0	21,300	100	12,000
8/26	1832.50	0.00	2,100	21,200	0	21,200	100	13,000
8/27	1832.57	0.00	2,100	21,600	0	21,600	100	15,000 +
8/28	1832.59	0.00	2,000 -	21,400	0	21,400	100	15,000
8/29	1832.44	0.00	2,000	21,200	0	21,200	100	15,000
8/30	1832.42	0.00	2,000	21,100	0	21,100	100	15,000
8/31	1832.32 -	0.00	2,000	21,200	0	21,200	100	15,000
Total (DSF)		0.00	66,800	664,200	0	664,200	2,900	386,000
Total (ac-ft)			132,500	1,317,000	0	1,317,000	6,000	766,000
Mean	1833.41	0.00	2,200	21,400	0	21,400	100	12,500
Monthly Reservoir Storage:				EOM = 16,221,000	Change = -690,000			
+ Max				Monthly Max = 16,886,000	Monthly Min = 16,221,000			
- Min				Monthly Precip = 0.02 inches				
Notes:								

Aug 2021

MONTHLY RESERVOIR OPERATION

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MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
8/1	1603.33 +	0.00	2,500	26,700 -	0 +	26,700 -	22,000
8/2	1603.23	0.00	3,500 +	32,400	0 -	32,400	22,000
8/3	1603.13	0.00	3,500	32,500	0	32,500	22,000
8/4	1602.99	0.00	3,500	32,700	0	32,700	22,000
8/5	1603.06	0.00	3,000	32,800	0	32,800	22,000
8/6	1602.61	0.00	3,000	32,600	0	32,600	22,000
8/7	1602.89	0.00	3,000	31,100	0	31,100	22,000
8/8	1602.71	0.00	3,000	29,000	0	29,000	22,000
8/9	1602.80	0.00	3,000	33,300	0	33,300	21,000 -
8/10	1602.49	0.00	2,000 -	33,500	0	33,500	21,000
8/11	1602.57	0.00	2,000	33,300	0	33,300	21,000
8/12	1602.45	0.00	2,000	33,400	0	33,400	21,000
8/13	1602.20	0.00	2,000	33,400	0	33,400	21,000
8/14	1601.94	0.00	2,000	31,600	0	31,600	21,000
8/15	1602.03	0.00	2,000	29,700	0	29,700	21,000
8/16	1601.89	0.00	2,000	33,500	0	33,500	21,000
8/17	1601.71	0.00	2,000	33,700	0	33,700	21,000
8/18	1601.66	0.00	2,000	33,500	0	33,500	21,000
8/19	1601.75	0.00	2,000	33,600	0	33,600	21,000
8/20	1601.64	0.00	2,000	33,700	0	33,700	21,000
8/21	1601.50	0.00	2,000	32,400	0	32,400	21,000
8/22	1601.64	0.00	2,000	30,600	0	30,600	21,000
8/23	1601.15	0.00	2,000	36,800	0	36,800	21,000
8/24	1601.41	0.00	2,000	36,800	0	36,800	21,000
8/25	1601.07	0.00	2,000	36,900 +	0	36,900 +	21,000
8/26	1601.18	0.00	2,000	34,800	0	34,800	24,000
8/27	1600.90	0.00	2,000	35,400	0	35,400	26,000 +
8/28	1601.05	0.00	2,000	32,700	0	32,700	24,000
8/29	1600.64	0.00	2,200	29,900	0	29,900	22,000
8/30	1601.06	0.00	2,200	29,900	0	29,900	22,000
8/31	1600.50 -	0.00	2,200	29,600	0	29,600	22,000
Total (DSF)		0.00	72,600	1,011,800	0	1,011,800	673,000
Total (ac-ft)			144,000	2,007,000	0	2,007,000	1,335,000
Mean	1601.97	0.00	2,300	32,600	0	32,600	21,700
Monthly Reservoir Storage:				EOM = 16,611,000	Change = -816,000		
+ Max				Monthly Max = 17,413,000	Min = 16,611,000		
- Min				Monthly Precip = 0.00 inches			
Notes:							

Aug 2021

MONTHLY RESERVOIR OPERATION

BIG BEND

MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			
		PAN INCH	FLOW CFS	OUTFLOW			INFLOW
				POWER	SPILL	TOTAL	
8/1	1420.91	0.00	600 +	17,000 -	0 +	17,000 -	28,000 -
8/2	1420.75	0.00	600	35,200	0 -	35,200	29,000
8/3	1420.62	0.00	600	35,300	0	35,300	32,000
8/4	1420.49	0.00	600	35,500	0	35,500	32,000
8/5	1420.44	0.00	600	35,500	0	35,500	33,000
8/6	1420.33	0.00	600	35,600	0	35,600	34,000
8/7	1420.78	0.00	600	20,600	0	20,600	34,000
8/8	1421.16 +	0.00	600	17,000	0	17,000	29,000
8/9	1421.05	0.00	600	36,300	0	36,300	32,000
8/10	1420.84	0.00	600	36,100	0	36,100	33,000
8/11	1420.77	0.00	600	36,000	0	36,000	34,000
8/12	1420.65	0.00	600	36,100	0	36,100	34,000
8/13	1420.47	0.00	600	36,800	0	36,800	33,000
8/14	1420.66	0.00	600	25,400	0	25,400	31,000
8/15	1420.81	0.00	600	22,400	0	22,400	29,000
8/16	1420.68	0.00	600	36,400	0	36,400	32,000
8/17	1420.55	0.00	600	36,700	0	36,700	33,000
8/18	1420.37	0.00	600	36,900	0	36,900	33,000
8/19	1420.27 -	0.00	600	36,600	0	36,600	34,000
8/20	1420.38	0.00	600	37,100	0	37,100	36,000 +
8/21	1420.60	0.00	600	20,100	0	20,100	32,000
8/22	1421.03	0.00	600	18,100	0	18,100	30,000
8/23	1420.86	0.00	600	36,900	0	36,900	36,000
8/24	1420.94	0.00	600	37,100	0	37,100	36,000
8/25	1420.79	0.00	600	38,100 +	0	38,100 +	36,000
8/26	1420.69	0.00	600	38,000	0	38,000	36,000
8/27	1420.76	0.00	600	38,000	0	38,000	36,000
8/28	1421.06	0.00	400 -	26,800	0	26,800	36,000
8/29	1421.01	0.00	400	26,900	0	26,900	31,000
8/30	1420.85	0.00	400	33,800	0	33,800	31,000
8/31	1420.81	0.00	400	34,400	0	34,400	31,000
Total (DSF)		0.00	17,800	992,700	0	992,700	1,016,000
Total (ac-ft)			35,300	1,969,000	0	1,969,000	2,015,000
Mean	1420.72	0.00	600	32,000	0	32,000	32,800
Monthly Reservoir Storage:				EOM = 1,678,000	Change =		11,000
+ Max				Monthly Max = 1,697,000	Min =		1,646,000
- Min				Monthly Precip = 1.05 inches			
Notes:							

Aug 2021

MONTHLY RESERVOIR OPERATION

FORT RANDALL

MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	OUTFLOW			
				POWER	SPILL	TOTAL	
8/1	1354.78	0.00	1,500 +	30,400	0 +	30,400	18,000 -
8/2	1354.64 -	0.00	1,500	30,100	0 -	30,100	25,000
8/3	1354.70	0.00	700 -	30,200	0	30,200	34,000
8/4	1354.96	0.00	700	29,400	0	29,400	36,000
8/5	1355.12	0.00	700	29,200	0	29,200	37,000
8/6	1355.21	0.00	700	29,600	0	29,600	37,000
8/7	1355.19	0.00	700	30,600	0	30,600	31,000
8/8	1354.86	0.00	700	30,600	0	30,600	18,000
8/9	1354.82	0.00	700	30,700	0	30,700	27,000
8/10	1354.80	0.00	700	30,800	0	30,800	35,000
8/11	1354.94	0.00	700	30,800	0	30,800	38,000
8/12	1355.13	0.00	700	30,600	0	30,600	39,000
8/13	1355.20	0.00	700	30,500	0	30,500	34,000
8/14	1354.96	0.00	700	31,200	0	31,200	26,000
8/15	1354.77	0.00	700	31,500	0	31,500	22,000
8/16	1354.77	0.00	700	31,600	0	31,600	30,000
8/17	1354.86	0.00	700	31,800	0	31,800	36,000
8/18	1354.98	0.00	700	31,400	0	31,400	37,000
8/19	1355.13	0.00	700	31,900	0	31,900	39,000
8/20	1355.68 +	0.00	700	31,800	0	31,800	45,000 +
8/21	1355.23	0.00	700	32,300	0	32,300	24,000
8/22	1354.89	0.00	700	32,400	0	32,400	18,000
8/23	1354.78	0.00	700	32,200	0	32,200	30,000
8/24	1355.26	0.00	700	29,200	0	29,200	41,000
8/25	1355.17	0.00	700	31,900	0	31,900	36,000
8/26	1355.26	0.00	700	33,000 +	0	33,000 +	40,000
8/27	1355.42	0.00	800	32,900	0	32,900	40,000
8/28	1355.47	0.00	800	33,000	0	33,000	33,000
8/29	1355.27	0.00	800	31,100	0	31,100	26,000
8/30	1355.14	0.00	800	29,100	0	29,100	27,000
8/31	1355.57	0.00	800	25,200 -	0	25,200 -	42,000
Total (DSF)		0.00	23,800	957,000	0	957,000	1,001,000
Total (ac-ft)			47,200	1,898,000	0	1,898,000	1,985,000
Mean	1355.06	0.00	800	30,900	0	30,900	32,300
Monthly Reservoir Storage:				EOM =	3,456,000	Change =	40,000
+ Max				Monthly Max =	3,456,000	Min =	3,375,000
- Min				Monthly Precip = 0.93 inches			
Notes:							

Aug 2021

MONTHLY RESERVOIR OPERATION

GAVINS POINT

MISSOURI RIVER

MISSOURI RIVER REGION

Aug-2021

US ARMY CORPS OF ENGINEERS

Aug 2021	ELEVATION FEET-MSL	EVAP		MEAN DISCHARGE IN CFS			INFLOW
		PAN INCH	FLOW CFS	POWER	OUTFLOW SPILL	TOTAL	
8/1	1206.31	0.40	300	22,100	8,400	30,500	32,000
8/2	1206.43	0.60	400	22,000 -	8,500 +	30,500	32,000
8/3	1206.44	0.30	200	22,300	8,500	30,800	31,000 -
8/4	1206.44	0.40	300	22,600	8,500	31,100	31,000
8/5	1206.29 -	0.10	200	22,500	8,500	31,000	31,000
8/6	1206.33	0.10	100 -	22,500	8,400	30,900	31,000
8/7	1206.31	0.10	100	22,500	8,400	30,900	31,000
8/8	1206.33	0.10	200	22,600	8,500	31,100	31,000
8/9	1206.44	0.10	300	22,500	8,400	30,900	32,000
8/10	1206.44	0.20	300	22,500	8,500	31,000	32,000
8/11	1206.47	0.20	300	22,500	8,500	31,000	31,000
8/12	1206.49	0.30	500	22,500	8,500	31,000	32,000
8/13	1206.49	0.30	600 +	22,600	8,500	31,100	32,000
8/14	1206.46	0.30	200	30,900	100	31,000	31,000
8/15	1206.49	0.30	200	31,000	0 -	31,000	31,000
8/16	1206.51	1.00	500	28,300	3,100	31,400	32,000
8/17	1206.49	0.30	600	31,800	0	31,800	32,000
8/18	1206.44	0.40	500	32,000 +	0	32,000 +	32,000
8/19	1206.33	0.40	300	32,000	0	32,000	32,000
8/20	1206.60	0.40	300	32,000	0	32,000	33,000
8/21	1206.35	0.40	300	32,000	0	32,000	32,000
8/22	1206.35	0.40	300	32,000	0	32,000	32,000
8/23	1206.44	0.40	300	32,000	0	32,000	33,000
8/24	1206.49	0.40	300	32,000	0	32,000	34,000 +
8/25	1206.42	0.40	300	32,000	0	32,000	32,000
8/26	1206.51	0.40	300	31,900	0	31,900	32,000
8/27	1206.73	0.40	300	30,600	1,200	31,800	34,000
8/28	1206.91	0.40	300	32,000	0	32,000	34,000
8/29	1206.95	0.40	300	32,000	0	32,000	34,000
8/30	1207.04	0.40	400	30,900	0	30,900	32,000
8/31	1207.52 +	0.40	400	28,900	0	28,900 -	34,000
Total (DSF)		10.70	9,900	856,000	114,500	970,500	995,000
Total (ac-ft)			19,600	1,698,000	227,000	1,925,000	1,974,000
Mean	1206.52	0.35	300	27,600	3,700	31,300	32,100
Monthly Reservoir Storage:				EOM =	362,000	Change =	29,000
+ Max				Monthly Max =	362,000	Min =	335,000
- Min				Monthly Precip = 0.29 inches			
Notes:							
Aug 2021							