

Missouri River at Sioux City, Iowa (06486000) - SUX

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/28/2016	1150	12.09	28,700	28,100	-600	2.1	32.0	
2/1/2016	1100	11.49	25,200	25,200	0	0.0	32.0	
2/17/2016	1045	8.85	19,400	19,200	-200	1.0	32.9	
2/22/2016	1113	11.00	24,400	25,500	1,100	4.3	32.9	
2/29/2016	1030	11.37	25,800	25,600	30,300	118.4	34.5	
3/7/2016	1040	9.55	21,200	20,200	-1,000	5.0		
3/14/2016	1125	9.57	21,000	21,300	300	1.4		
3/21/2016	1114	9.02	19,500	19,600	100	0.5		
3/28/2016	1045	11.07	24,800	25,700	900	3.5	43.0	43.2
4/4/2016	1050	12.29	28,100	29,300	1,200	4.1		
4/11/2016	940	11.38	25,800	25,400	-400	1.6	46.9	
4/18/2016	1015	11.18	24,900	24,900	0	0.0		
4/25/2016	1042	11.69	26,600	26,300	-300	1.1	59.2	
5/2/2016	1106	14.80	35,400	33,500	-1,900	5.7		
5/9/2016	1116	12.39	29,000	28,400	-600	2.1		
5/16/2016	1030	11.89	27,600	27,500	-100	0.4	58.6	
5/23/2016	1045	12.84	30,600	30,400	-200	0.7	64.9	
5/31/2016	1040	14.63	35,700	36,000	300	0.8	69.8	
6/7/2016	1110	13.01	29,600	30,900	1,300	4.2		
6/13/2016	1045	12.96	31,200	29,500	-1,700	5.8	78.8	
6/20/2016	1255	13.60	33,500	32,700	-800	2.4	79.0	
6/27/2016	1050	12.78	30,700	31,000	300	1.0		
7/5/2016	1104	12.16	29,500	29,200	-300	1.0		
7/11/2016	1050	11.98	28,500	28,600	100	0.3		
7/18/2016	1032	12.36	30,300	29,800	-500	1.7		
7/25/2016	1053	11.86	28,600	28,300	-300	1.1		
8/1/2016	1030	11.69	27,900	27,800	-100	0.4	78.6	
8/15/2016	1020	11.57	27,500	27,400	-100	0.4	79.3	
8/22/2016	1040	11.50	27,400	27,400	0	0.0		
8/29/2016	1050	11.51	27,600	27,200	-400	1.5	75.9	
9/6/2016	1045	11.66	27,900	28,100	200	0.7		
9/12/2016	1121	10.94	25,200	25,200	0	0.0		
9/19/2016	1054	13.11	31,100	31,700	600	1.9		
9/26/2016	1115	11.14	25,500	25,300	-200	0.8		
10/3/2016	1300	10.98	25,300	25,300	0	0.0		
10/11/2016	1037	11.57	27,000	27,000	0	0.0		
10/17/2016	1120	10.99	25,400	25,300	-100	0.4	57.2	
10/27/2016	1050	11.47	26,800	26,700	-100	0.4	55.2	
10/31/2016	1100	11.39	26,200	26,500	300	1.1	54.0	
11/7/2016	1100	11.76	27,300	27,600	300	1.1	54.9	
11/14/2016	1030	11.75	27,700	27,500	-200	0.7	51.3	
11/21/2016	1050	11.74	28,000	27,500	-500	1.8	41.9	36.7
12/5/2016	1010	10.30	23,400	23,700	300	1.3	38.3	38.5
12/28/2016	1131	10.87	22,200	25,000	2,800	11.2		

Missouri River at Decatur, Nebraska (06601200) - DENE

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
2/1/2016	1330	19.65	26,400	26,400	0	0.0	34.0	
2/17/2016	1320	17.68	20,800	20,600	-200	1.0	34.7	
2/22/2016	1350	19.64	25,800	26,400	600	2.3		
2/29/2016	1245	20.24	28,100	28,200	100	0.4	40.5	
3/7/2016	1248	18.45	22,400	22,800	400	1.8	45.3	
3/14/2016	1400	18.42	22,400	22,700	300	1.3		
3/21/2016	1359	17.54	21,000	20,200	-800	4.0		
3/28/2016	1320	19.75	26,900	26,700	-200	0.7	43.0	53.6
4/4/2016	1320	20.99	30,700	30,600	-100	0.3	43.0	53.6
4/11/2016	1145	20.10	27,800	27,800	0	0.0	47.3	
4/18/2016	1200	19.95	27,000	27,300	300	1.1		
4/25/2016	1300	20.50	28,500	29,100	600	2.1	60.8	
5/2/2016	1358	23.38	39,500	38,900	-600	1.5		
5/9/2016	1343	21.03	30,400	30,800	400	1.3		
5/16/2016	1220	20.86	30,100	29,600	-500	1.7	58.5	
5/23/2016	1230	21.49	32,250	32,300	50	0.2	64.6	
5/31/2016	1245	22.90	36,900	37,200	300	0.8	70.3	
6/6/2016	1330	22.05	33,700	34,200	500	1.5		
6/13/2016	1220	21.96	32,800	33,400	600	1.8	80.6	
6/20/2016	1045	22.57	35,600	35,500	-100	0.3	79.5	
6/27/2016	1315	21.79	32,600	32,800	200	0.6		
7/5/2016	1318	21.07	30,400	30,400	0	0.0		
7/14/2016	1223	21.54	31,700	32,000	300	0.9		
7/18/2016	1305	21.33	31,100	31,300	200	0.6		
7/25/2016	1324	20.75	28,900	29,400	500	1.7		
8/1/2016	1230	20.48	28,200	28,500	300	1.1	79.0	
8/15/2016	1245	20.41	27,900	28,000	100	0.4	79.2	
8/22/2016	1245	20.29	27,400	27,600	200	0.7		
8/29/2016	1310	20.36	27,900	27,800	-100	0.4	76.1	
9/6/2016	1310	20.50	28,700	28,300	-400	1.4		
9/12/2016	1345	19.78	26,500	26,500	0	0.0		
9/19/2016	1308	21.99	33,800	33,600	-200	0.6		
9/26/2016	1320	19.93	26,400	27,100	700	2.6		
10/3/2016	1300	19.82	26,200	26,100	-100	0.4		
10/11/2016	1245	20.43	28,100	28,100	0	0.0		
10/17/2016	1350	19.86	25,900	26,400	500	1.9	59.4	
10/25/2016	1100	20.06	27,300	26,600	-700	2.6	55.9	
10/31/2016	1330	20.14	26,900	27,500	600	2.2	54.1	
11/7/2016	1304	20.44	28,900	27,900	-1,000	3.6	55.9	
11/14/2016	1245	20.40	28,500	27,700	-800	2.9	50.5	
11/21/2016	1300	20.27	28,200	28,100	-100	0.4	43.3	44.6
12/5/2016	1210	19.01	24,300	24,200	-100	0.4	39.2	39.9
12/28/2016	1404	18.83	24,100	23,700	-400	1.7		

Missouri River at Omaha, Nebraska (06610000) - OMA

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/6/2016	1005	13.39	29,300	29,400	100	0.3	31.5	32.0
1/15/2016	1000	14.61	34,200	32,700	-1,500			
1/25/2016	1250	14.69	34,600	32,800	-1,800	5.5	32.0	
2/1/2016	1250	14.44	33,200	34,100	900	2.6	35.6	
2/9/2016	920	12.63	26,700	29,100	2,400	8.2	33.4	
2/18/2016	1225	13.15	27,900	28,100	200	0.7	36.7	
2/23/2016	1315	16.78	41,100	38,300	-2,800	7.3	39.6	
3/1/2016	1206	15.91	39,000	38,700	-300	0.8		
3/8/2016	1245	14.28	31,100	34,000	2,900	8.5	48.9	
3/15/2016	1340	14.21	31,400	30,900	-500	1.6		
3/22/2016	1245	13.21	28,200	28,100	-100	0.4		
3/29/2016	1250	15.38	34,800	34,100	-700	2.1		
4/5/2016	1200	16.41	39,200	37,000	-2,200	5.9		
4/12/2016	1250	15.35	34,200	36,100	1,900	5.3		
4/19/2016	1219	15.08	32,600	33,500	900	2.7		
4/26/2016	1340	17.79	42,400	41,200	-1,200	2.9	62.1	
5/4/2016	1300	21.33	58,900	54,700	-4,200	7.7	62.1	
5/10/2016	1315	19.20	46,000	50,000	4,000	8.0	64.0	
5/17/2016	1245	18.30	44,600	44,600	0	0.0	57.4	
5/24/2016	1130	17.98	42,500	43,600	1,100	2.5	65.1	
6/7/2016	1310	18.05	43,300	43,800	500	1.1	71.1	
6/14/2016	1245	17.36	41,100	41,300	200	0.5	81.7	
6/21/2016	1315	18.48	45,200	44,500	-700	1.6	79.0	
6/28/2016	1255	17.03	39,800	41,100	1,300	3.2	80.8	
7/5/2016	1230	16.09	35,200	35,900	700	1.9	80.8	
7/12/2016	1327	16.13	36,900	36,900	0	0.0		
7/19/2016	1310	16.38	38,200	37,700	-500	1.3		
7/26/2016	1300	15.24	33,500	34,400	900	2.6		
8/2/2016	1230	14.81	32,200	32,300	100	0.3	80.8	
8/9/2016	1320	14.27	30,800	30,900	100	0.3	81.0	
8/16/2016	1220	14.44	31,600	31,300	-300	1.0	79.5	
8/23/2016	1250	14.08	29,900	30,300	400	1.3		
8/30/2016	1315	14.59	31,800	31,700	-100	0.3		
9/6/2016	1230	14.00	29,200	30,100	900	3.0	75.2	
9/13/2016	1215	14.18	30,600	30,600	0	0.0	75.2	
9/20/2016	1300	17.67	42,000	42,000	0	0.0	75.2	
9/27/2016	1415	14.69	32,200	33,600	1,400	4.2		
10/4/2016	1225	14.18	30,800	30,800	0	0.0		
10/12/2016	1227	15.77	35,700	35,700	0	0.0		
10/18/2016	1240	14.68	31,900	32,600	700	2.1	61.7	
10/23/2016	1400	14.18	29,700	30,600	900	2.9	56.8	
11/1/2016	1200	14.64	32,400	31,300	-1,100	3.5	55.8	
11/8/2016	945	14.70	31,900	32,600	700	2.1	54.5	47.3
11/15/2016	1245	14.56	32,100	32,200	100	0.3	50.5	
11/22/2016	1355	14.44	32,100	31,900	-200	0.6		
11/29/2016	1230	13.34	28,200	28,900	700	2.4		
12/6/2016	1310	13.41	29,400	29,100	-300	1.0	38.7	32.0
12/22/2016	959	12.59	26,100	26,800	700	2.6		
12/29/2016	1405	13.88	30,400	30,400	0	0.0		

Missouri River at Nebraska City, Nebraska (06807000) - NCNE

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/15/2016	1210	10.26	39,700	41,800	2,100	5.0	32.2	
1/25/2016	1010	10.48	42,800	42,600	-200	0.5	32.0	
2/1/2016	1100	11.42	48,700	46,300	-2,400	5.2	36.1	
2/9/2016	1100	9.83	39,800	42,400	2,600	6.1	33.1	
2/18/2016	1000	10.45	42,800	42,200	-600	1.4	37.9	
2/23/2016	1020	13.50	59,000	56,800	-2,200	3.9	41.7	
3/2/2016	1220	12.06	50,000	50,500	500	1.0	40.5	
3/8/2016	1030	10.43	41,000	43,500	2,500	5.7	49.3	
3/15/2016	1100	10.38	40,900	40,800	-100	0.2		
3/22/2016	1030	9.49	36,700	37,400	700	1.9	47.7	
3/29/2016	1020	10.94	42,510	42,960	450	1.0	46.9	52.7
4/6/2016	12050	11.64	47,600	45,700	-1,900	4.2		
4/12/2016	1041	10.83	43,800	44,200	400	0.9		
4/19/2016	1000	10.62	41,600	43,400	1,800	4.1		
4/26/2016	1030	13.78	59,850	59,300	-550	0.9	60.0	
5/3/2016	1040	19.19	97,800	94,000	-3,800	4.0		
5/10/2016	1040	17.24	81,000	84,700	3,700	4.4	63.7	
5/13/2016	1415	19.03	95,500	92,900	-2,600	2.8	64.4	
5/17/2016	1000	15.68	70,500	71,000	500	0.7	58.1	
5/24/2016	930	14.33	61,500	62,600	1,100	1.8		
6/7/2016	1020	14.51	63,500	63,700	200	0.3	72.5	
6/14/2016	1030	13.28	54,600	56,300	1,700	3.0	82.4	
6/21/2016	1045	15.18	66,900	67,900	1,000	1.5	79.5	
6/28/2016	1030	12.61	51,800	51,400	-400	0.8	81.0	
7/6/2016	1210	11.85	46,900	47,800	900	1.9		
7/19/2016	1045	12.32	49,800	49,800	0	0.0		
7/26/2016	1040	10.54	40,800	42,500	1,700	4.0		
8/3/2016	1230	11.27	44,500	42,500	-2,000	4.7	82.6	
8/9/2016	1020	9.89	37,800	39,200	1,400	3.6		
8/16/2016	1015	9.81	37,600	37,800	200	0.5	79.5	
8/23/2016	1025	9.36	35,800	36,000	200	0.6		
8/30/2016	1030	11.98	48,100	46,200	-1,900	4.1	76.1	
9/7/2016	1525	9.55	35,700	36,700	1,000	2.7		
9/13/2016	1015	10.73	41,300	41,300	0	0.0		
9/20/2016	1300	17.67	42,000	42,000	0	0.0		
9/27/2016	1140	11.29	43,900	45,100	1,200	2.7		
10/5/2016	1230	10.10	39,400	39,400	0	0.0	65.8	
10/12/2016	1021	11.10	44,300	43,200	-1,100	2.5		
10/18/2016	1015	10.34	40,000	41,400	1,400	3.4	63.3	
10/25/2016	1415	9.70	38,200	37,500	-700	1.9	58.3	
11/9/2016	1100	10.07	39,500	39,000	-500	1.3	54.1	53.2
11/15/2016	1015	9.88	39,300	38,200	-1,100	2.9	50.9	
11/23/2016	1050	9.85	40,000	39,200	-800	2.0	43.0	41.4
11/30/2016	1240	9.41	37,000	38,300	1,300	3.4	42.1	37.4
12/6/2016	1045	9.15	36,700	37,200	500	1.3	39.2	29.3
12/29/2016	1025	9.69	40,400	40,300	-100	0.2		

Missouri River at Brownville, Nebraska - BVNE

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/26/2016	1020	26.38	47,700	42,300	-5,400	12.8		
2/19/2016	1125	26.57	49,500	43,300	-6,200	14.3		
3/2/2016	1020	27.93	54,200	49,500	-4,700	9.5		
4/6/2016	1045	27.41	50,500	47,000	-3,500	7.4		
5/5/2016	1100	35.06	98,500	89,900	-8,600	9.6	57.7	63.7
6/8/2016	1052	30.41	67,200	62,500	-4,700	7.5		
7/6/2016	1025	27.92	50,800	49,500	-1,300	2.6		
8/3/2016	1030	26.53	44,700	43,000	-1,700	4.0	81.9	
9/7/2016	1045	24.83	37,400	35,800	-1,600	4.5		
10/5/2016	1020	26.07	42,700	41,000	-1,700	4.1		
11/2/2016	1030	25.75	42,100	39,600	-2,500	6.3		
11/30/2016	1040	24.80	39,000	35,700	-3,300	9.2		

Missouri River at Rulo, Nebraska (06813500) - RUNE

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/4/2016	1142	7.15	44,900	47,000	2,100	4.5	36.1	38.8
1/26/2016	1300	10.07	48,000	45,400	-2,600	5.7		
2/5/2016	1124	9.75	45,300	47,100	1,800	3.8		
2/11/2016	1127	8.87	42,900	40,900	-2,000	4.9		
2/16/2016	1110	8.07	37,700	36,900	-800	2.2	33.0	
2/24/2016	1100	12.79	63,700	60,900	-2,800	4.6		
3/4/2016	1100	11.21	53,800	55,300	1,500	2.7	41.5	
3/10/2016	1035	9.92	45,500	45,300	-200	0.4		
3/18/2016	1105	9.56	43,500	45,400	1,900	4.2		
3/25/2016	1050	8.97	41,800	40,600	-1,200	3.0	47.5	
4/1/2016	1050	10.25	49,700	46,950	-2,750	5.9	48.7	47.3
4/8/2016	1100	10.63	50,100	51,600	1,500	2.9	51.6	50.4
4/15/2016	1010	9.52	44,000	44,400	400	0.9	54.1	
4/22/2016	1030	14.96	77,100	74,700	-2,400	3.2	58.5	
4/29/2016	1100	16.96	85,500	91,000	5,500	6.0	59.0	
5/3/2016	1350	19.67	111,000	105,500	-5,500	5.2		
5/13/2016	1130	20.69	114,000	119,100	5,100	4.3	64.2	
5/20/2016	1030	14.94	73,400	73,000	-400	0.5	62.8	
6/3/2016	1112	16.13	80,600	81,100	500	0.6		
6/9/2016	1050	13.82	65,700	65,800	100	0.2		
6/24/2016	1110	13.43	63,300	63,500	200	0.3		
7/1/2016	1000	11.79	53,300	54,800	1,500	2.7	82.2	
7/8/2016	1119	14.82	71,800	70,200	-1,600	2.3	82.2	
7/15/2016	1020	11.12	49,400	49,900	500	1.0		
7/22/2016	1030	11.18	49,600	50,200	600	1.2	83.7	
7/29/2016	1050	9.65	42,000	42,400	400	0.9		
8/5/2016	1100	10.55	48,000	46,900	-1,100	2.3	84.2	
8/12/2016	1125	9.64	42,800	43,500	700	1.6	85.1	
8/20/2016	1100	8.91	38,600	39,300	700	1.8	81.5	
8/26/2016	1018	11.16	51,400	50,700	-700	1.4	81.5	
9/2/2016	1114	9.64	42,700	42,700	0	0.0	78.4	
9/9/2016	1050	8.91	39,000	39,000	0	0.0	77.0	
9/16/2016	1045	9.79	43,200	43,500	300	0.7	69.8	
9/23/2016	1105	10.94	49,400	49,300	-100	0.2	75.6	
9/29/2016	1115	10.31	45,900	46,100	200	0.4		
10/6/2016	1055	10.38	46,600	46,400	-200	0.4		
10/13/2016	1105	11.73	52,500	57,400	4,900	8.5		
10/21/2016	1110	9.64	44,600	46,600	2,000	4.3	61.9	
10/28/2016	1115	9.13	42,200	42,100	-100	0.2	59.7	
11/4/2016	1100	9.25	43,200	42,700	-500	1.2	59.0	56.5
11/7/2016	1105	9.15	41,300	40,700	-600	1.5	56.3	
11/18/2016	1045	9.05	41,600	41,700	100	0.2	51.8	
11/22/2016	1110	9.22	42,700	42,500	-200	0.5	44.6	46.9
12/2/2016	1050	8.59	40,200	39,400	-800	2.0	42.3	36.3
12/8/2016	1105	8.36	40,500	39,000	-1,500	3.8	42.3	36.3
12/30/2016	1040	8.69	41,800	40,700	-1,100	2.7	42.3	36.3

Missouri River at St, Joseph, Missouri (06818000) - STJ

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/11/2016	1055	10.39	55,600	53,700	-1,900	3.5		
2/17/2016	1017	7.90	42,900	42,600	-300	0.7	34.3	
3/1/2016	1039	11.02	58,000	57,000	-1,000	1.8		
3/15/2016	1007	9.06	46,800	47,200	400	0.8		
3/29/2016	1034	9.42	46,900	48,900	2,000	4.1	46.9	
4/12/2016	1023	9.21	48,400	47,900	-500	1.0		
4/19/2016	1259	8.64	45,400	41,800	-3,600	8.6		
5/11/2016	1121	19.34	114,000	118,000	4,000	3.4	68.5	
5/17/2016	1006	16.16	89,900	88,200	-1,700	1.9	59.0	
5/25/2016	1204	13.59	74,400	71,800	-2,600	3.6		
6/7/2016	956	14.27	74,600	76,300	1,700	2.2		
6/14/2016	1010	12.24	62,800	62,300	-500	0.8	80.6	
6/20/2016	1010	15.18	81,800	81,400	-400	0.5	82.4	
7/6/2016	1048	50.80	55,500	56,100	600	1.1		
7/12/2016	1039	11.02	55,000	55,800	800	1.4		
7/18/2016	1114	9.77	49,400	50,100	700	1.4		
8/2/2016	1015	8.23	42,800	42,500	-300	0.7	81.0	
8/9/2016	1010	8.34	43,200	44,100	900	2.0	81.5	
8/17/2016	1043	8.22	41,500	43,600	2,100	4.8		
9/7/2016	959	7.72	39,800	41,100	1,300	3.2		
9/20/2016	1009	12.71	65,100	66,700	1,600	2.4		
9/27/2016	1042	11.42	57,600	57,500	-100	0.2	70.7	
10/13/2016	1100	10.16	51,100	52,900	1,800	3.4		
10/18/2016	1025	9.24	46,900	48,400	1,500	3.1	61.9	
10/25/2016	1030	8.39	43,000	44,500	1,500	3.4	57.7	
11/9/2016	1035	8.36	43,300	43,600	300	0.7	57.7	
11/16/2016	1020	8.18	42,900	42,900	0	0.0	52.5	
12/27/2016	1045	7.32	40,800	39,200	-1,600	4.1		

Missouri River at Kansas City, Missouri (06893000) - MKC

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/11/2016	1421	14.76	74,100	71,100	-3,000	4.2		
2/1/2016	1122	12.83	61,400	58,900	-2,500	4.2		
2/17/2016	1319	10.54	46,000	46,200	200	0.4	36.5	
3/1/2016	1323	13.05	62,900	60,200	-2,700	4.5		
3/10/2016	1124	11.50	53,100	51,300	-1,800	3.5		
3/15/2016	1310	11.42	51,900	50,900	-1,000	2.0		
3/29/2016	1329	11.66	54,400	52,200	-2,200	4.2	50.2	
4/5/2016	1338	12.18	57,800	55,100	-2,700	4.9		
4/12/2016	1350	11.55	52,300	53,000	700	1.3	52.7	
4/28/2106	954	27.27	197,000	184,000	-13,000	7.1		
5/4/2106	1033	23.30	150,000	142,800	-7,200	5.0		
5/11/2106	1455	23.04	137,000	140,200	3,200	2.3		
5/17/2106	1300	20.25	109,000	114,700	5,700	5.0	60.4	
5/25/2106	0938	19.40	105,000	102,200	-2,800	2.7	67.1	
6/7/2106	1309	21.48	120,000	121,000	1,000	0.8	74.3	
6/14/2106	1338	19.54	106,000	103,400	-2,600	2.5	80.4	
6/20/2016	1327	17.96	89,700	90,800	1,100	1.2	84.2	
6/27/2016	1000	14.65	69,500	67,700	-1,800	2.7	82.4	
7/6/2016	1347	14.43	68,400	68,700	300	0.4		
7/12/2016	1426	14.27	65,400	67,300	1,900	2.8		
7/18/2016	1350	13.15	59,400	60,300	900	1.5		
7/27/2016	0914	11.68	52,400	51,900	-500	1.0	84.2	
8/2/2016	1400	10.78	47,600	47,100	-500	1.1	83.1	
8/9/2016	1252	11.02	51,400	48,800	-2,600	5.3		
8/17/2016	1351	11.24	50,600	52,000	1,400	2.7		
8/26/2016	1028	16.50	82,000	84,200	2,200	2.6		
9/7/2016	1307	11.43	51,800	50,800	-1,000	2.0		
9/20/2016	1422	16.59	82,200	83,400	1,200	1.4		
9/27/2016	1429	17.45	87,500	88,500	1,000	1.1		
10/5/2016	1044	12.81	59,300	56,900	-2,400	4.2		
10/13/2016	1430	13.48	61,800	61,900	100	0.2		
10/18/2016	1321	11.88	53,600	53,300	-300	0.6	63.5	
10/25/2016	1315	10.91	48,100	48,000	-100	0.2	60.8	
11/3/2016	1237	10.96	49,800	48,300	-1,500	3.1	61.7	
11/9/2016	1418	10.51	47,000	47,000	0	0.0		
11/16/2016	1413	10.38	46,300	46,700	400	0.9		
11/22/2016	1040	10.43	47,100	46,600	-500	1.1		
12/07/2016	1230	9.83	44,200	42,600	-1,600	3.8		
12/27/2016	1430	9.38	42,300	40,400	-1,900	4.7		

Missouri River at Waverly, Missouri (06895500) - WVMO

Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/4/2016	1111	13.80	62,400	61,500	-900	1.5		
2/10/2016	1345	11.97	52,100	50,700	-1,400	2.8	34.5	
3/3/2016	1038	13.26	63,200	59,100	-4,100	6.9		
3/17/2016	1116	12.18	52,400	52,000	-400	0.8		
3/23/2016	1056	11.40	49,000	47,300	-1,700	3.6		
4/6/2016	1021	12.74	57,100	55,600	-1,500	2.7		
4/13/2016	1011	12.16	53,300	53,800	500	0.9		
4/21/2016	1422	12.09	51,400	53,400	2,000	3.7		
5/10/2016	1040	20.29	122,000	125,400	3,400	2.7	64.4	
5/18/2016	1330	19.46	113,000	118,100	5,100	4.3		
5/23/2016	1332	18.14	99,300	98,500	-800	0.8		
6/16/2016	1358	17.88	94,600	96,000	1,400	1.5		
6/20/2016	1356	18.65	102,000	105,400	3,400	3.2		
6/28/2016	1356	14.91	71,300	71,000	-300	0.4		
7/7/2016	1350	15.12	72,400	72,700	300	0.4		
7/14/2016	1353	17.05	87,500	89,700	2,200	2.5		
7/19/2016	1345	13.78	60,400	62,400	2,000	3.2		
8/2/2016	1334	12.06	50,100	51,000	900	1.8	82.6	
8/11/2016	1317	12.10	49,400	51,200	1,800	3.5	84.2	
9/8/2016	1131	12.54	53,100	53,900	800	1.5		
9/21/2016	1311	16.55	82,200	85,000	2,800	3.3		
10/11/2016	1411	14.55	67,000	67,100	100	0.1		
10/17/2016	1413	13.22	56,000	57,700	1,700	2.9		
11/7/2016	1413	11.80	48,700	48,500	-200	0.4	59.0	
11/17/2016	1057	11.58	47,200	46,600	-600	1.3		
12/29/2016	1016	12.36	55,400	51,300	-4,100	8.0		

Missouri River at Boonville, Missouri (06909000) - BNMO								
Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/12/2016	1140	15.48	120,000	106,800	-13,200	12.4		
1/12/2016	1223	15.40	117,000	106,000	-11,000	10.4		
2/9/2016	1044	9.93	64,600	60,400	-4,200	7.0	34.2	
3/3/2016	1300	10.38	67,700	63,500	-4,200	6.6		
3/16/2016	1010	9.74	62,100	59,100	-3,000	5.1		
4/6/2016	1304	9.40	60,900	57,000	-3,900	6.8		
4/13/2016	1256	8.98	55,900	56,700	800	1.4		
4/21/2016	1122	8.90	56,200	56,200	0	0.0		
5/10/2016	1345	18.96	147,000	152,200	5,200	3.4	65.3	
5/18/2016	1023	16.74	124,000	120,500	-3,500	2.9		
5/23/2016	1040	14.94	105,000	105,100	100	0.1		
6/8/2016	1032	17.58	129,000	132,300	3,300	2.5		
6/16/2016	1100	14.98	104,000	103,900	-100	0.1		
6/20/2016	1106	13.78	91,100	92,300	1,200	1.3		
7/7/2016	1109	14.94	104,000	104,100	100	0.1		
7/14/2016	1106	16.39	111,500	118,900	7,400	6.2		
7/19/2016	1054	10.88	65,900	69,000	3,100	4.5		
8/3/2016	1030	16.60	123,000	121,200	-1,800	1.5	81.9	
8/10/2016	1031	9.90	59,300	62,100	2,800	4.5	82.4	
9/1/2016	1120	13.79	92,900	92,900	0	0.0		
9/21/2016	1045	14.71	101,000	101,700	700	0.7	74.3	
10/11/2016	1125	12.16	78,100	78,000	-100	0.1		
10/17/2016	1117	10.20	63,100	63,500	400	0.6	64.4	
11/2/2016	1050	8.32	48,900	51,500	2,600	5.0	63.9	
11/7/2016	1115	8.40	48,500	52,000	3,500	6.7	60.1	
12/28/2016	1355	6.78	43,400	43,200	-200	0.5		

Missouri River at Hermann, Missouri (06934500) - HEMO								
Date	Time (hhmm)	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/28/2016	1111	13.21	104,700	102,900	-1,800	1.7	33.8	
2/24/2016	1205	11.69	93,200	89,600	-3,600	4.0		
3/16/2016	1130	9.38	72,400	71,700	-700	1.0		
4/4/2016	1236	8.57	68,400	66,100	-2,300	3.5		
4/13/2016	1143	9.25	71,800	70,800	-1,000	1.4		
4/19/2016	1043	7.27	58,700	57,700	-1,000	1.7		
4/27/2016	1233	12.58	104,000	97,300	-6,700	6.9		
5/11/2016	1224	18.91	174,400	175,900	1,500	0.9	65.3	
5/25/2016	1134	14.79	117,000	126,500	9,500	7.5		
6/15/2016	1149	15.30	128,000	123,100	-4,900	4.0		
6/29/2016	1106	10.65	82,900	82,800	-100	0.1		
7/13/2016	1133	12.97	97,700	102,600	4,900	4.8		
7/27/2016	1155	9.78	73,700	74,700	1,000	1.3		
8/10/2016	1136	9.99	75,700	76,200	500	0.7		
8/12/2016	1100	9.95	74,600	75,900	1,300	1.7		
8/24/2016	1208	6.89	54,400	55,400	1,000	1.8		
9/7/2016	1222	8.30	61,500	64,400	2,900	4.5		
9/21/2016	1203	16.03	134,000	131,400	-2,600	2.0		
10/12/2016	1100	11.96	97,300	93,900	-3,400	3.6		
10/27/2016	1256	7.96	61,200	63,700	2,500	3.9		
11/8/2016	1047	6.68	52,700	54,900	2,200	4.0		
12/13/2016	1125	5.55	50,200	48,400	-1,800	3.7		