

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)
1/23/2017	1152	9.80	21,000	21,900	900	4.1		
1/31/2017	1251	9.66	21,100	21,000	-100	0.5		
2/7/2017	1052	9.76	21,200	21,300	100	0.5		
2/13/2017	1057	11.07	23,800	25,100	1,300	5.2		
2/21/2017	1044	11.05	24,500	25,100	600	2.4		
2/27/2017	1035	10.61	23,500	23,800	300	1.3		
3/6/2017	1045	10.61	23,000	23,200	200	0.9		
3/16/2017	1103	9.84	21,000	20,900	-100	0.5		
3/20/2017	1044	11.33	25,300	25,300	0	0.0		
3/27/2017	1045	13.60	32,800	32,100	-700	2.2		
4/3/2017	1100	13.44	31,600	32,200	600	1.9		
4/10/2017	1040	13.22	31,400	31,600	200	0.6		
4/17/2017	1105	14.34	35,100	34,900	-200	0.6		
4/24/2017	1115	14.52	36,100	36,080	-20	0.1	55.8	
5/1/2017	1035	14.93	37,100	37,700	600	1.6	45.5	
5/8/2017	1000	14.32	35,200	35,300	100	0.3	61.5	
5/15/2017	1057	14.97	37,800	37,900	100	0.3		
5/22/2017	1030	13.73	32,800	33,400	600	1.8	56.7	
5/30/2017	1030	16.58	44,500	45,000	500	1.1		
6/5/2017	1100	15.34	39,400	39,400	0	0.0		
6/12/2017	1100	14.90	38,100	37,600	-500	1.3		
6/19/2017	1140	15.26	39,600	39,600	0	0.0		
6/26/2017	1050	14.74	38,200	38,400	200	0.5		
7/3/2017	912	14.98	38,500	39,400	900	2.3		
7/10/2017	1050	13.75	34,100	34,600	500	1.4		
7/17/2017	1042	13.62	34,200	34,200	0	0.0		
7/24/2017	1040	13.09	32,900	32,600	-300	0.9		
7/31/2017	1042	13.27	33,600	33,100	-500	1.5	78.4	
8/7/2017	1045	13.17	32,800	32,800	0	0.0	72.5	77.2
8/14/2017	915	13.21	33,500	33,000	-500	1.5	73.4	76.1
8/21/2017	1102	13.49	34,100	33,800	-300	0.9		
9/5/2017	1050	13.50	34,000	33,800	-200	0.6		
9/12/2017	1105	13.33	33,700	33,300	-400	1.2		
9/18/2017	1045	13.32	33,900	33,300	-600	1.8	68.7	66.0
9/26/2017	1115	13.59	33,800	34,700	900	2.6	66.2	
10/2/2017	1115	13.88	35,200	35,800	600	1.7	64.9	
10/10/2017	1110	15.26	39,800	41,500	1,700	4.1		
10/16/2017	1030	13.69	34,000	33,800	-200	0.6	54.1	53.4
10/30/2017	1115	14.12	35,900	35,200	-700	2.0		
11/6/2017	1100	13.82	35,100	34,800	-300	0.9	42.8	33.8
11/13/2017	1110	12.95	32,100	32,200	100	0.3	41.0	42.3
11/20/2017	1105	12.78	31,900	31,700	-200	0.6	41.9	
11/27/2017	1050	12.68	31,300	31,400	100	0.3	41.9	36.7
12/4/2017	1045	12.75	31,600	31,600	0	0.0		
12/11/2017	1115	10.41	24,900	24,700	-200	0.8	36.0	45.9
12/18/2017	1140	10.56	25,200	25,100	-100	0.4	35.1	42.8

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)
1/19/2017	1153	17.85	21300	20,800	-500	2.4		
1/23/2017	1430	18.10	21,800	21,500	-300	1.4		
1/31/2017	1031	17.93	21,600	21,400	-200	0.9		
2/7/2017	1430	18.00	21,900	21,500	-400	1.9		
2/13/2017	1323	18.99	25,000	24,400	-600	2.5		
2/21/2017	1308	19.27	24,800	25,300	500	2.0		
2/27/2017	1246	18.76	24,200	23,800	-400	1.7		
3/9/2017	1237	18.82	24,100	24,000	-100	0.4		
3/16/2017	1338	17.94	21,400	21,400	0	0.0		
3/20/2017	1305	19.28	25,300	25,300	0	0.0		
3/27/2017	1300	21.56	33,100	32,600	-500	1.5		
4/3/2017	1330	21.47	32,300	32,800	500	1.5		
4/10/2017	1310	21.27	32,100	32,200	100	0.3		
4/17/2017	1325	22.33	36,150	35,800	-350	1.0		
4/27/2017	1204	22.63	36,800	36,800	0	0.0		
5/1/2017	1255	22.84	37,300	37,600	300	0.8	46.8	
5/10/2017	1429	23.28	38,700	39,200	500	1.3		
5/13/2017	1324	22.89	37,800	37,800	0	0.0		
5/22/2017	1300	22.40	36,000	36,000	0	0.0	56.8	
5/30/2017	1315	24.66	45,000	44,700	-300	0.7		
6/5/2017	1300	23.70	40,400	41,100	700	1.7		
6/12/2017	1300	23.30	38,700	39,000	300	0.8		
6/19/2017	1415	23.74	41,600	40,500	-1,100	2.7		
6/26/2017	1323	23.18	38,900	38,500	-400	1.0		
7/3/2017	1130	23.50	40,400	39,600	-800	2.0		
7/10/2017	1315	22.38	35,700	35,600	-100	0.3		
7/17/2017	1234	22.22	35,100	35,100	0	0.0		
7/24/2017	1240	21.83	33,400	33,800	400	1.2		
7/31/2017	1305	21.87	33,500	33,900	400	1.2	78.8	
8/7/2017	1315	21.78	33,100	33,600	500	1.5	72.5	77.2
8/17/2017	1140	22.06	34,600	34,500	-100	0.3	72.5	68.7
8/21/2017	1355	21.99	34,200	34,300	100	0.3		
8/28/2017	1349	22.29	33,900	35,500	1,600	4.5		
9/5/2017	1250	22.05	33,800	34,500	700	2.0		
9/12/2017	1320	21.86	33,800	33,900	100	0.3		
9/18/2017	1300	21.84	33,800	33,800	0	0.0	68.0	69.8
9/26/2017	1340	22.15	34,200	34,800	600	1.7	67.3	
10/2/2017	1330	22.33	35,500	35,500	0	0.0	64.8	
10/10/2017	1325	23.56	40,300	39,900	-400	1.0		
10/16/2017	1230	22.25	35,100	35,200	100	0.3	54.1	68.7
10/30/2017	1340	22.30	36,200	35,400	-800	2.3	45.0	
11/6/2017	1310	22.13	36,000	35,600	-400	1.1	42.8	33.8
11/13/2017	1325	21.78	33,700	34,400	700	2.0	43.3	41.0
11/20/2017	1315	21.30	32,400	32,800	400	1.2	41.5	
11/27/2017	1300	21.22	32,000	32,500	500	1.5	42.8	50.0
12/4/2017		21.22	32,000	32,500	500	1.5		
12/11/2017	1330	19.31	25,700	26,400	700	2.7	35.4	45.1
12/18/2017	1435	19.39	26,000	26,000	0	0.0	36.5	42.3

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)
1/3/2017	1333	12.86	26,800	26,800	0	0.0		32.0
1/17/2017	1033	12.14	24,300	24,900	600	2.4		
1/24/2017	1242	13.02	27,200	27,300	100	0.4		
1/30/2017	1106	12.24	25,100	25,100	0	0.0		
2/14/2017	1236	13.96	29,400	29,900	500	1.7		
2/22/2017	1238	14.33	30,900	31,000	100	0.3		
2/28/2017	1157	13.52	28,600	28,700	100	0.3		
3/8/2017	1304	13.98	29,500	30,000	500	1.7		
3/13/2017	1020	13.50	28,400	28,600	200	0.7		
3/28/2017	1250	16.24	37,900	36,200	-1,700	4.7		
4/4/2017	1313	16.59	38,700	38,900	200	0.5		
4/11/2017	1415	16.23	36,400	37,900	1,500	4.0	53.6	55.4
4/18/2017	1320	17.29	40,100	40,900	800	2.0	62.8	68.4
4/25/2017	1430	17.60	41,800	41,000	-800	2.0	56.5	52.7
5/2/2017	1430	18.46	47,300	44,400	-2,900	6.5		
5/8/2017	1610	17.78	42,300	42,400	100	0.2	63.0	
5/16/2017	940	18.04	42,900	43,100	200	0.5		
5/24/2017	1010	19.76	50,800	48,800	-2,000	4.1	57.4	63.1
5/31/2017	1335	20.34	54,800	53,000	-1,800	3.4		
6/6/2017	1430	19.22	48,000	50,400	2,400	4.8		
6/13/2017	1415	18.47	44,700	45,400	700	1.5		
6/20/2017	1315	18.64	44,700	46,000	1,300	2.8		
6/27/2017	1253	17.80	44,100	42,200	-1,900	4.5		
7/5/2017	1241	18.17	43,300	43,280	-20	0.0		
7/11/2017	1000	17.10	40,400	40,300	-100	0.2		
7/18/2017	933	16.60	38,700	38,900	200	0.5		
7/25/2017	930	16.00	36,500	37,100	600	1.6		
8/1/2017	1200	15.94	36,800	37,000	200	0.5	80.2	
8/8/2017	1300	15.85	35,100	36,700	1,600	4.4		
8/14/2017	1220	15.70	35,700	34,700	-1,000	2.9	76.3	86.9
8/22/2017	1437	18.56	44,400	42,800	-1,600	3.7		
8/29/2017	1319	16.86	38,800	38,000	-800	2.1		
9/6/2017	1259	16.22	36,600	36,100	-500	1.4		
9/11/2017	1220	15.96	35,700	35,400	-300	0.8	71.4	81.9
9/19/2017	1240	16.09	36,600	35,800	-800	2.2	70.4	72.5
9/27/2017	1330	16.88	39,100	38,900	-200	0.5		
10/3/2017	1230	16.80	37,800	38,700	900	2.3		
10/11/2017	1335	19.74	51,200	47,400	-3,800	8.0	57.9	
10/17/2017	920	17.57	42,800	43,700	900	2.1	55.2	69.8
10/24/2017	1300	17.28	41,000	42,000	1,000	2.4	55.2	51.8
10/31/2017	1400	16.51	39,200	38,800	-400	1.0	45.5	38.8
11/7/2017	1230	16.23	39,600	38,400	-1,200	3.1	45.0	43.7
11/14/2017	1300	15.67	37,200	36,800	-400	1.1	43.0	53.8
11/21/2017	1315	15.42	35,500	36,000	500	1.4	41.5	
11/28/2017	1200	15.33	34,600	35,800	1,200	3.4		
12/5/2017	1230	15.26	35,600	35,600	0	0.0	41.2	42.4
12/12/2017	1300	13.28	28,100	30,200	2,100	7.0	34.5	30.2
12/19/2017	1345	13.38	28,500	28,400	-100	0.4	37.8	50.0

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)
1/17/2017	1309	8.82	34,200	34,400	200	0.6		
1/24/2017	1025	9.62	39,600	37,500	-2,100	5.6		
2/1/2017	1025	8.79	34,900	36,400	1,500	4.1		
2/9/2017	1026	8.66	35,600	34,400	-1,200	3.5		
2/14/2017	1024	10.81	46,600	42,700	-3,900	9.1		
2/22/2017	1012	10.13	40,000	40,100	100	0.2		
3/2/2017	1209	9.45	38,000	37,500	-500	1.3		
3/8/2017	1036	9.73	37,700	38,600	900	2.3		
3/13/2017	1235	9.43	38,100	37,400	-700	1.9		
3/28/2017	1030	11.48	47,700	45,300	-2,400	5.3		
4/5/2017	1245	12.01	48,800	50,000	1,200	2.4		
4/11/2017	1045	11.33	45,400	47,000	1,600	3.4	54.1	44.4
4/18/2017	1015	12.25	49,700	51,300	1,600	3.1	62.6	68.0
4/25/2017	1200	12.42	51,000	50,600	-400	0.8	48.6	64.8
5/3/2017	1300	14.65	65,800	64,400	-1,400	2.2		
5/8/2017	1345	12.96	53,600	54,300	700	1.3	63.5	
5/16/2017	1156	12.69	51,400	52,700	1,300	2.5		
5/25/2017	1054	16.29	73,900	74,800	900	1.2		
5/31/2017	1112	15.44	68,700	69,400	700	1.0		
6/3/2017	1315	13.86	57,500	59,700	2,200	3.7		
6/13/2017	1030	13.50	56,600	55,400	-1,200	2.2		
6/20/2017	1040	13.34	56,800	54,500	-2,300	4.2		
6/27/2017	1029	12.07	49,100	46,900	-2,200	4.7		
7/5/2017	1008	12.54	51,900	48,900	-3,000	6.1		
7/12/2017	1225	11.23	43,500	43,500	0	0.0		
7/18/2017	1123	10.80	41,700	41,900	200	0.5		
7/25/2017	1115	10.36	39,900	40,200	300	0.7		
8/2/2017	1225	10.34	39,500	40,100	600	1.5	80.2	
8/8/2017	1040	10.20	39,600	39,000	-600	1.5		
8/15/2017	1030	9.96	38,400	38,700	300	0.8	77.7	78.3
8/22/2017	1229	13.01	54,200	51,300	-2,900	5.7		
8/29/2017	1041	12.05	48,100	46,800	-1,300	2.8		
9/6/2017	1041	10.78	41,500	41,800	300	0.7		
9/13/2017	1245	10.30	39,900	40,000	100	0.3	73.0	82.4
9/19/2017	1015	10.58	41,400	41,000	-400	1.0	70.9	81.9
9/27/2017	1020	12.13	49,200	47,200	-2,000	4.2		
10/4/2017	1225	11.61	46,500	46,600	100	0.2	64.6	
10/11/2017	1110	16.13	75,300	72,600	-2,700	3.7	57.2	
10/17/2017	1230	12.97	54,000	55,800	1,800	3.2	56.8	50.5
10/24/2017	1045	12.03	48,500	48,900	400	0.8	56.5	48.2
11/1/2017	1315	11.38	46,700	46,200	-500	1.1	45.0	
11/7/2017	1015	11.18	45,900	45,300	-600	1.3	45.0	38.3
11/14/2017	1030	10.98	44,900	45,100	200	0.4	41.7	48.9
11/21/2017	1030	10.54	42,400	43,400	1,000	2.3	42.6	
11/28/2017	930	10.44	42,000	43,000	1,000	2.3		
12/6/2017	1221	10.34	42,000	42,600	600	1.4		
12/12/2017	1045	8.78	35,100	35,600	500	1.4	34.2	25.7
12/19/2017	1105	8.85	35,000	36,900	1,900	5.1	37.8	45.5

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)
1/18/2017	1337	24.53	40,000	42,300	2,300	5.4		
2/1/2017	1020	24.01	36,400	32,700	-3,700	11.3		
3/2/2017	1012	24.85	39,500	35,900	-3,600	10.0		
4/5/2017	1045	27.75	53,400	48,700	-4,700	9.7		
5/3/2017	1030	30.70	73,600	64,100	-9,500	14.8		
6/7/2017	1120	30.09	63,000	60,700	-2,300	3.8		
7/12/2017	1030	27.02	46,300	45,200	-1,100	2.4		
8/2/2017	1025	25.81	40,900	39,900	-1,000	2.5	81.1	
9/13/2017	1040	25.60	40,400	39,000	-1,400	3.6	72.7	73.6
10/4/2017	1025	26.93	47,300	46,300	-1,000	2.2		
11/1/2017	1050	26.86	49,200	46,000	-3,200	7.0		
12/6/2017	1029	25.75	43,200	44,000	800	1.8		

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)
1/18/2017	1120	8.65	41,100	41,500	400	1.0		
1/26/2017	1110	8.72	41,800	41,900	100	0.2	34.5	29.5
2/2/2017	1051	8.19	38,000	38,900	900	2.3		
2/6/2017	1104	7.66	35,600	35,600	0	0.0		
2/16/2017	1130	9.43	46,600	44,400	-2,200	5.0		
2/23/2017	1115	9.28	42,300	43,700	1,400	3.2	46.6	43.9
3/3/2017	1105	8.65	40,400	40,500	100	0.2		
3/10/2017	1158	9.04	43,600	42,500	-1,100	2.6		
3/14/2017	1122	8.52	40,200	39,900	-300	0.8	37.0	24.3
3/24/2017	1058	9.02	40,800	42,400	1,600	3.8	49.3	
3/31/2017	1045	12.91	60,100	60,700	600	1.0		
4/7/2017	1105	11.72	53,700	54,500	800	1.5		
4/7/2017	1105	11.72	53,700	54,500	800	1.5		
4/14/2017	1040	10.88	50,000	50,200	200	0.4	56.5	
4/21/2017	1110	12.36	57,700	57,800	100	0.2	61.3	
5/5/2017	1040	14.52	71,100	70,300	-800	1.1	53.6	
5/10/2017	1011	12.76	59,300	59,900	600	1.0		
5/18/2017	1049	16.23	82,400	81,900	-500	0.6		
5/23/2017	1130	19.53	106,800	105,400	-1,400	1.3	59.0	57.0
6/2/2017	1120	15.21	74,400	74,900	500	0.7		
6/9/2017	1130	13.34	62,900	63,100	200	0.3	77.0	
6/16/2017	1030	12.95	59,300	60,900	1,600	2.6		
6/23/2017	1120	12.19	55,600	54,800	-800	1.5		
6/30/2017	1035	12.53	58,000	56,600	-1,400	2.5		
7/10/2017	1043	11.67	53,800	52,100	-1,700	3.3		
7/14/2017	1104	11.43	50,900	50,900	0	0.0		
7/21/2017	1030	10.08	46,900	44,100	-2,800	6.3		
7/26/2017	1140	9.56	41,800	44,300	2,500	5.6		
8/4/2017	1052	9.36	41,000	40,800	-200	0.5		
8/11/2017	1035	9.26	40,000	40,300	300	0.7		
8/17/2017	1140	22.06	34,600	34,500	-100	0.3	72.5	68.7
8/25/2017	1125	11.68	52,400	52,500	100	0.2	76.1	
9/1/2017	1101	11.05	49,500	49,300	-200	0.4		
9/15/2017	1110	9.26	40,300	40,300	0	0.0	73.9	82.4
9/22/2017	1110	9.57	41,500	41,800	300	0.7	74.8	82.4
10/6/2017	1130	14.16	73,600	65,900	-7,700	11.7	65.8	
10/12/2017	1120	15.41	75,900	73,900	-2,000	2.7	57.6	
10/20/2017	1045	11.68	52,700	54,000	1,300	2.4		
10/27/2017	1045	11.18	50,400	51,400	1,000	1.9	52.3	42.8
11/3/2017	1125	10.60	48,600	47,300	-1,300	2.7	45.9	41.7
11/8/2017	1030	10.37	48,800	47,300	-1,500	3.2	45.9	44.6
11/22/2017	1014	9.62	44,400	45,000	600	1.3	41.7	
12/7/2017	1118	9.33	43,100	43,500	400	0.9	41.7	
12/20/2017	1137	8.03	37,000	37,100	100	0.3	38.8	40.6

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)
1/24/2017	1030	8.94	48,600	46,300	-2,300	5.0		
2/22/2017		8.38	44,000	44,200	200	0.5		
3/7/2017	1055	7.82	40,800	41,800	1,000	2.4	47.1	
3/14/2017	1014	7.70	41,400	41,300	-100	0.2	47.1	
3/21/2017	1014	7.02	37,200	38,400	1,200	3.1	47.1	
4/4/2017	1015	12.67	71,000	66,900	-4,100	6.1		
4/11/2017	1150	10.84	54,900	56,100	1,200	2.1	56.6	
4/19/2017	1031	11.16	57,900	57,900	0	0.0		
4/27/2017	1040	11.06	57,900	57,400	-500	0.9		
5/3/2017	1136	14.76	86,300	80,700	-5,600	6.9		
5/11/2017	1039	12.44	60,800	65,500	4,700	7.2		
5/23/2017	1054	19.42	119,000	123,500	4,500	3.6	60.0	
6/7/2017	955	12.96	67,500	67,100	-400	0.6		
6/13/2017	1014	11.75	62,000	59,800	-2,200	3.7		
6/20/2017	1038	12.71	68,500	67,900	-600	0.9		
7/6/2017	1105	10.92	54,800	57,200	2,400	4.2		
7/11/2017	1037	9.76	49,400	51,200	1,800	3.5		
7/18/2017	1022	9.13	45,500	48,200	2,700	5.6		
7/25/2017	1010	8.50	43,300	45,200	1,900	4.2		
8/8/2017	1015	8.15	42,300	41,800	-500	1.2	75.9	
8/15/2017	1010	7.94	41,200	40,900	-300	0.7	77.0	
8/29/2017	1052	10.97	55,900	55,100	-800	1.5		
9/6/2017	1037	8.82	43,300	44,700	1,400	3.1	74.0	
9/12/2017	1050	8.12	41,700	41,700	0	0.0	73.0	
9/19/2017	1015	8.60	43,200	43,700	500	1.1	73.4	
10/3/2017	1013	8.92	45,500	45,100	-400	0.9		
10/11/2017	1048	15.21	85,100	81,600	-3,500	4.3		
10/16/2017	1045	13.65	73,500	74,300	800	1.1	57.2	
11/2/2017	1015	9.70	51,700	51,200	-500	1.0	45.3	
11/15/2017	1040	9.22	49,000	48,800	-200	0.4	44.1	
12/12/2017	1040	7.01	37,600	39,100	1,500	3.8		

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)
1/24/2017	1327	12.18	60,100	55,000	-5,100	9.3		
2/6/2017	1313	9.39	42,200	40,500	-1,700	4.2		
2/22/2017	1408	10.51	47,000	46,000	-1,000	2.2		
3/7/2017	1312	9.80	44,000	42,400	-1,600	3.8		
3/14/2017	1336	10.05	45,700	43,600	-2,100	4.8		
3/20/2017	958	8.88	39,700	38,023	-1,677	4.4		
3/29/2017	1043	13.25	64,700	61,300	-3,400	5.5	46.4	
4/4/2017	1320	18.11	101,000	94,800	-6,200	6.5		
4/13/2014	1115	15.94	79,500	78,800	-700	0.9	59.0	
4/19/2014	1310	16.00	78,300	79,200	900	1.1		
4/26/2014	958	14.90	71,500	71,700	200	0.3		
5/3/2017	1450	19.19	109,800	103,500	-6,300	6.1		
5/11/2017	1408	17.23	89,400	88,100	-1,300	1.5		
5/15/2017	1216	16.69	84,800	84,100	-700	0.8		
5/22/2017	1918	24.73	166,000	154,200	-11,800	7.7		
5/23/2017	1447	23.62	151,000	143,200	-7,800	5.4		
5/23/2017	1522	23.53	148,000	142,300	-5,700	4.0		
6/7/2017	1239	17.51	86,800	90,200	3,400	3.8		
6/14/2017	1354	16.56	84,000	83,200	-800	1.0		
6/20/2017	1415	17.53	90,100	90,300	200	0.2		
6/27/2017	1126	13.70	63,900	65,600	1,700	2.6		
7/6/2017	1340	14.91	70,900	73,500	2,600	3.5		
7/11/2017	1344	13.00	61,300	61,300	0	0.0		
7/18/2017	1301	11.57	53,000	53,000	0	0.0		
7/25/2017	1257	10.58	48,100	47,600	-500	1.1		
8/8/2017	1340	10.63	48,800	47,900	-900	1.9		
8/15/2017	1252	9.84	44,600	43,900	-700	1.6	78.8	
8/29/2017	1252	9.84	44,600	43,900	-700	1.6	78.8	
9/6/2017	1343	10.67	48,400	48,100	-300	0.6		
9/12/2017	1336	9.81	44,200	43,700	-500	1.1	73.0	
9/19/2017	1317	10.49	48,300	47,700	-600	1.3	75.2	
9/26/2017	1211	9.85	45,200	44,500	-700	1.6	77.0	
10/3/2017	1314	10.30	46,800	46,700	-100	0.2		
10/3/2017	1314	10.30	46,800	46,700	-100	0.2		
10/11/2017	1343	17.15	91,700	92,700	1,000	1.1		
10/16/2017	1415	16.16	83,000	82,900	-100	0.1	59.4	
10/25/2017	1206	12.80	59,700	60,700	1,000	1.6	57.2	
11/2/2017	1339	11.58	55,700	53,000	-2,700	5.1		
11/15/2017	1310	10.90	53,100	49,900	-3,200	6.4	45.7	
11/21/2017	0935	10.58	50,000	48,100	-1,900	4.0	44.6	
11/28/2017	1137	9.99	44,800	46,900	2,100	4.5	45.5	
12/14/2017	1101	9.36	42,800	43,700	900	2.1	35.6	

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)
2/7/2017	1411	10.70	42,100	41,800	-300	0.7		
3/9/2017	1322	11.11	44,400	44,000	-400	0.9		
3/16/2017	1325	10.89	46,300	42,800	-3,500	8.2		
4/10/2017	1159	17.52	90,800	91,900	1,100	1.2	59.0	
4/12/2017	1410	16.60	82,100	83,300	1,200	1.4		
4/20/2017	1338	15.66	75,400	75,100	-300	0.4		
5/4/2017	1119	18.91	108,000	105,600	-2,400	2.3		
5/10/2017	1359	16.46	80,900	82,100	1,200	1.5		
5/16/2017	1508	16.55	82,700	82,900	200	0.2		
5/23/2017	1727	23.01	160,000	157,200	-2,800	1.8		
6/6/2017	1313	17.65	90,500	92,300	1,800	2.0		
6/15/2017	1234	16.19	79,600	79,700	100	0.1		
6/23/2017	1118	16.14	78,500	78,600	100	0.1		
7/7/2017	1314	15.31	73,100	71,600	-1,500	2.1		
7/12/2017	1316	13.85	61,800	60,600	-1,200	2.0		
7/19/2017	1400	12.86	53,900	53,900	0	0.0		
8/9/2017	1345	12.51	51,700	51,700	0	0.0		
8/16/2017	1245	11.55	46,500	46,100	-400	0.9	80.0	
8/31/2017	1327	13.98	60,200	60,200	0	0.0		
9/7/2017	1402	12.41	49,500	49,900	400	0.8		
9/21/2017	1300	11.89	48,200	46,900	-1,300	2.8	77.0	
10/4/2017	1458	11.83	47,700	47,900	200	0.4	69.6	
10/17/2017	1350	16.12	82,100	78,800	-3,300	4.2	59.9	
11/7/2017	1308	12.31	54,000	50,800	-3,200	6.3	46.4	
11/16/2017	1408	12.06	53,300	49,300	-4,000	8.1	45.5	
12/20/2017	1348	10.86	44,300	44,200	-100	0.2	41.3	

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)
2/7/2017	1102	7.25	46,300	45,600	-700	1.5		
3/9/2017	1040	7.39	45,100	46,300	1,200	2.6		
3/16/2016	1044	7.37	45,700	46,200	500	1.1		
3/22/2017	1039	6.35	40,000	41,000	1,000	2.4		
4/12/2017	1104	15.81	109,000	112,100	3,100	2.8		
4/20/2017	1030	13.76	89,400	91,700	2,300	2.5		
5/2/2017	1043	23.33	209,000	215,500	6,500	3.0		
5/10/2017	1122	13.97	90,900	93,700	2,800	3.0		
5/16/2017	1014	13.93	92,500	93,300	800	0.9		
5/25/2017	1215	19.19	153,000	152,700	-300	0.2		
6/6/2017	1045	14.30	99,500	96,700	-2,800	2.9		
6/14/2017	1116	13.03	86,400	85,300	-1,100	1.3		
6/22/2017	1218	13.71	88,600	91,000	2,400	2.6	80.6	
7/7/2017	1024	14.49	95,900	98,300	2,400	2.4		
7/12/2017	1041	11.33	69,200	71,400	2,200	3.1		
7/19/2017	1109	10.75	64,400	67,100	2,700	4.0		
8/9/2017	1030	11.29	68,800	71,100	2,300	3.2		
8/16/2017	1023	8.25	49,100	51,000	1,900	3.7	79.5	
8/31/2017	2058	10.86	66,500	66,500	0	0.0		
9/7/2017	1107	8.84	51,400	53,200	1,800	3.4	75.2	
9/21/2017	1024	8.34	49,600	50,400	800	1.6	77.0	
10/4/2017	1122	8.23	49,300	49,700	400	0.8		
10/17/2017	1020	13.38	91,800	86,400	-5,400	6.3	60.1	
11/7/2017	1030	8.71	55,800	52,500	-3,300	6.3	46.4	
11/16/2017	1123	8.41	53,500	51,700	-1,800	3.5	45.5	
12/20/2017	1101	6.97	44,400	43,900	-500	1.1	40.3	

Missouri River at Hermann, Missouri (06934500) -HEMO

Date	Time (hhmm)	Height (feet)	Measured Discharge (cfs)	Discharge (cfs)	Difference (cfs) (-)	Difference (%) (-)	Temp (F)	Temp (F)
1/24/2017	1110	7.02	60,600	57,000	-3,600	6.3		
2/14/2017	1031	4.95	44,400	45,200	800			
3/6/2017	1232	5.44	49,600	47,800	-1,800	3.8	47.5	
3/20/2017	1222	5.05	48,100	45,700	-2,400	5.3	47.5	
4/4/2017	1030	14.57	123,000	117,100	-5,900	5.0		
4/13/2017	1211	15.78	133,000	132,800	-200	0.2		
4/25/2017	1402	13.95		113,300	113,300	100.0		
4/27/2017	1123	22.54	189,000	221,800	32,800	14.8		
5/3/2017	1410	34.60	470,700	476,400	5,700	1.2		
5/4/2017	1644	35.35	453,000	523,720	70,720	13.5		
5/16/2017	1142	18.30	160,000	162,200	2,200	1.4		
6/7/2017	1155	16.78	139,000	142,400	3,400	2.4		
6/13/2017	1037	15.20	121,000	125,000	4,000	3.2		
6/22/2017	1145	17.07	146,000	145,900	-100	0.1	80.1	
7/12/2017	1050	12.17	95,100	95,800	700	0.7		
7/26/2017	1121	8.32	63,200	66,100	2,900	4.4		
8/8/2017	939	15.50	127,000	123,400	-3,600	2.9		
8/16/2017	1130	8.84	67,400	66,700	-700	1.0		
8/23/2017	1130	12.30	99,000	93,100	-5,900	6.3	80.4	73.9
9/12/2017	1003	6.48	50,300	51,800	1,500	2.9	74.3	
9/19/2017	1102	6.6	51,600	49,400	-2,200	4.5		
9/27/2017	1043	7.55	58,700	58,300	-400	0.7		
10/10/2017	1255	12.66	113,400	96,300	-17,100	17.8	69.5	
10/12/2017	1225	13.3	107,000	102,000	-5,000	4.9	64.8	
10/26/2017	928	10.42	79,700	82,300	2,600	3.2	57.9	
11/21/2017	1155	5.94	52,500	51,900	-600	1.2	44.6	
12/11/2017	1213	6.06	55,800	52,600	-3,200	6.1	41.0	