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)
1/10/2018	1300	10.71	25,400	25,500	100	0.4	32.0	38.3
2/28/2018	1058	9.44	20,150	21,700	1,550	7.1	34.0	
3/5/2018	1110	12.36	27,800	30,400	2,600	8.6		
3/12/2018	1120	11.30	25,900	24,700	-1,200	4.9		
3/20/2018	1055	13.40	32,200	32,200	0	0.0		
3/26/2018	950	15.40	39,200	39,300	100	0.3	36.7	38.7
4/2/2018	1050	15.88	40,900	41,400	500	1.2	38.5	30.2
4/9/2018	1050	16.07	43,600	42,300	-1,300	3.1	36.5	32.0
4/17/2018	1105	16.51	45,100	44,300	-800	1.8	37.6	42.4
4/23/2018	1050	17.10	47,400	47,400	0	0.0		
5/1/2018	1050	18.61	52,800	54,600	1,800	3.3		
5/7/2018	1130	18.13	50,800	52,300	1,500	2.9		
5/14/2018	1020	18.93	54,700	54,600	-100	0.2		
5/21/2018	1114	18.33	53,000	51,800	-1,200	2.3		
5/29/2018	1100	17.66	49,300	49,600	300	0.6	74.3	83.8
6/4/2018	1045	17.29	48,900	50,900	2,000	3.9	68.5	67.5
6/11/2018	1050	17.78	51,100	50,200	-900	1.8	72.9	77.2
6/18/2018	1030	18.50	53,200	54,600	1,400	2.6		
6/25/2018	1120	23.09	70,900	76,800	5,900	7.7		
6/26/2018	1112	25.76	83,500	85,600	2,100	2.5		
7/2/2018	1105	20.55	61,100	57,900	-3,200	5.5		
7/10/2018	1045	21.50	67,800	62,600	-5,200	8.3	79.7	84.2
7/16/2018	1045	21.63	68,500	68,500	0	0.0	79.7	70.3
7/24/2018	1045	21.12	66,600	65,800	-800	1.2		
7/30/2018	1040	20.93	66,200	64,800	-1,400	2.2		
8/6/2018	1040	20.68	65,600	64,900	-700	1.1		
8/13/2018	1107	20.50	63,100	64,000	900	1.4		
8/23/2018	1103	19.92	60,600	61,000	400	0.7		
8/27/2018	1040	20.40	63,500	63,400	-100	0.2		
9/4/2018	1110	20.31	62,100	63,000	900	1.4	74.3	71.1
9/10/2018	1000	20.54	64,100	64,200	100	0.2		
9/17/2018	1030	20.11	62,800	62,000	-800	1.3		
9/24/2018	1000	24.80	85,300	87,200	1,900	2.2		
10/1/2018	1050	22.66	74,400	73,500	-900	1.2		
10/9/2018	1100	19.94	61,400	60,200	-1,200	2.0		
10/15/2018	1100	23.46	79,400	78,700	-700	0.9		
10/22/2018	1120	21.55	70,900	68,500	-2,400	3.5		
10/29/2018	1040	20.73	66,600	66,600	0	0.0		
11/5/2018	1028	20.34	65,100	64,600	-500	0.8		
11/19/2018	1125	19.73	64,300	66,000	1,700	2.6		
11/26/2018	1102	19.28	62,600	62,100	-500	0.8		
12/3/2018	1114	17.11	53,800	51,400	-2,400	4.7		
12/19/2018	1225	10.30	27,100	25,600	-1,500	5.9		
12/17/2018	1140	9.78	27,100	25,600	-1,500	5.9		

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)
1/10/2018	1035	19.73	27,300	27,000	-300	1.1	32.5	37.9
2/27/2018	1320	17.84	21,100	21,600	500	2.3		
3/5/2018	1320	20.22	28,400	28,900	500	1.7		
3/12/2018	1320	19.79	27,000	27,500	500	1.8		
3/20/2018	1320	21.59	32,900	32,900	0	0.0		
3/26/2018	1200	23.17	39,000	38,400	-600	1.6	36.9	40.5
4/2/2018	1200	23.53	41,600	39,700	-1,900	4.8	38.5	32
4/9/2018	1317	23.69	43,800	42,200	-1,600	3.8	37.2	32
4/17/2018	1330	24.17	46,500	44,100	-2,400	5.4	43.3	55
4/23/2018	1300	24.71	48,600	46,500	-2,100	4.5		
5/1/2018	1305	26.20	54,000	56,300	2,300	4.1		
5/7/2018	1350	26.06	52,100	53,200	1,100	2.1		
5/14/2018	1225	26.46	54,500	54,300	-200	0.4		
5/21/2018	1353	26.23	53,100	53,000	-100	0.2		
5/29/2018	1310	25.76	51,400	50,600	-800	1.6	73.4	86.5
6/4/2018	1251	25.44	49,400	49,100	-300	0.6	69.6	70.5
6/11/2018	1225	25.86	51,300	51,100	-200	0.4	73.9	79.9
6/18/2018		26.32	54,300	53,500	-800	1.5		
6/25/2018	1300	29.55	73,100	74,600	1,500	2.0		
6/26/2018	1425	31.50	89,200	87,300	-1,900	2.2		
7/2/2018	1330	28.80	65,900	68,400	2,500	3.7		
7/9/2018	1310	28.89	68,800	66,500	-2,300	3.5	80.2	88.9
7/16/2018	1306	29.04	68,350	69,800	1,450	2.1	80.6	71.8
7/24/2018	1258	28.73	66,600	67,800	1,200	1.8		
7/30/2018	1230	28.49	66,700	66,200	-500	0.8		
8/6/2018	1240	28.29	64,100	65,400	1,300	2.0		
8/13/2018	1359	28.37	63,400	65,900	2,500	3.8		
8/23/2018	1330	27.90	61,000	62,900	1,900	3.0		
8/27/2018	1235	28.28	63,900	63,400	-500	0.8		
9/4/2018	1355	28.29	63,900	63,400	-500	0.8	73.9	73
9/10/2018	1230	28.48	65,000	64,600	-400	0.6		
9/17/2018	1235	28.20	63,300	62,900	-400	0.6		
9/24/2018	1210	31.97	88,600	89,400	800	0.9		
10/1/2018	1312	30.28	77,300	77,100	-200	0.3		
10/9/2018	1340	28.35	65,100	64,300	-800	1.2		
10/15/2018	1320	30.17	81,300	76,200	-5,100	6.7		
10/22/2018	1340	29.33	71,800	71,800	0	0.0		
10/29/2018	1310	28.67	67,700	67,500	-200	0.3		
11/5/2018	1305	28.38	66,700	65,600	-1,100	1.7		
11/19/2108	1325	27.77	66,200	68,100	1,900	2.8		
11/26/2108	1313	27.63	65,300	65,300	0	0.0		
12/3/2108	1423	26.06	54,300	55,800	1,500	2.7		
12/12/2108	1525	21.21	30,200	35,800	5,600	15.6		
12/17/2108	1440	20.42	28,100	27,700	-400	1.4		

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)
1/26/2018	1301	12.27	25,300	25,300	0	0.0		
2/15/2018	1030	11.19	21,900	22,400	500	2.2	32.4	34.7
2/20/2018	1330	12.29	24,900	24,900	0	0.0	31.6	19.4
2/26/2018	1230	11.32	22,200	22,300	100	0.4		
3/7/2018	1158	15.91	36,300	34,900	-1,400	4.0		
3/13/2018	1245	14.53	31,600	30,900	-700	2.3		
3/19/2018	1510	16.52	37,600	36,600	-1,000	2.7		
3/27/2018	1250	18.30	47,000	42,600	-4,400	10.3		
4/3/2018	1202	18.45	49,000	47,100	-1,900	4.0		
4/10/2018	1230	18.22	49,300	48,200	-1,100	2.3	38.3	48.2
4/16/2018	1310	18.85	51,100	51,600	500	1.0	39.6	42.8
4/24/2018	1048	19.89	55,800	55,700	-100	0.2		
4/30/2018	1357	21.27	59,000	62,600	3,600	5.8		
5/8/2018	1310	21.74	59,300	65,100	5,800	8.9		
5/15/2018	1310	22.27	65,400	62,900	-2,500	4.0	58.6	
5/22/2018	1413	22.06	63,000	61,800	-1,200	1.9		
5/30/2018	1245	21.24	58,200	58,100	-100	0.2	74.1	71.6
6/5/2018	1300	20.71	56,100	55,600	-500	0.9		
6/12/2018	1240	21.19	58,500	57,800	-700	1.2		
6/19/2018	1320	22.93	66,600	67,700	1,100	1.6		
6/28/2018	1144	28.70	101,700	101,000	-700	0.7		
7/3/2018	1005	27.69	94,300	94,100	-200	0.2		
7/10/2018	1314	25.58	82,300	81,400	-900	1.1	81.3	89.6
7/17/2018	1300	24.98	79,900	78,800	-1,100	1.4	81.1	68.9
7/25/2018	1310	23.95	72,600	72,900	300	0.4	79.5	78.8
7/31/2018	1245	23.40	71,200	69,900	-1,300	1.9	77.9	70.0
8/7/2018	1230	22.99	69,300	67,700	-1,600	2.4	78.6	78.1
8/14/2018	1300	22.80	66,200	68,300	2,100	3.1	81.3	72.3
8/21/2018	956	26.38	88,500	88,800	300	0.3		
8/28/2018	1320	23.05	70,100	69,600	-500	0.7		
9/5/2018	1317	24.76	74,400	79,200	4,800	6.1		
9/11/2018	1150	23.73	73,800	68,700	-5,100	7.4	71.6	78.8
9/11/2018	1150	23.73	73,800	68,700	-5,100	7.4	71.6	78.8
9/18/2018	1250	22.79	68,100	68,700	600	0.9	76.6	83.8
9/25/2018	937	28.30	110,400	101,100	-9,300	9.2		
10/2/2018	1330	26.09	92,600	92,600	0	0.0		
10/10/2018	1332	24.14	76,400	80,900	4,500	5.6		
10/17/2018	1330	25.64	92,200	85,100	-7,100	8.3		
10/23/2018	1300	24.27	79,100	83,900	4,800	5.7		
10/30/2018	1315	23.52	76,900	74,800	-2,100	2.8		
11/6/2018	1303	23.00	73,700	71,900	-1,800	2.5	48.2	
11/14/2018	1300	22.22	74,000	73,600	-400	0.5		
11/20/2018	1300	21.90	71,000	72,200	1,200	1.7	38.1	43.3
11/27/2018	1227	21.79	69,500	69,500	0	0.0		
12/4/2018	1058	20.78	61,300	64,000	2,700	4.2		
12/13/2018	1245	15.35	35,500	42,400	6,900	16.3	34.7	38.3

Missouri River at Nebraska City, Nebraska (06807000) - NCNE								
Date	Time (hhmm)	Gage Height (feet)	Measured Discharge 1009	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/26/2018	1011	7.81	30,900	31,600	700	2.2		
1/29/2018	1106	8.21	33,500	33,500	0	0.0	33.1	45.1
2/15/2018	1052	7.44	30,500	29,500	-1,000	3.4		
2/20/2018	1110	8.17	33,100	33,300	200	0.6	31.6	19.4
2/26/2018	1030	7.89	31,300	32,200	900	2.8		
3/8/2018	1250	11.65	49,300	46,000	-3,300	7.2	34.3	33.8
3/13/2018	1250	10.68	44,000	42,100	-1,900	4.5		
3/19/2018	1240	11.80	50,100	48,700	-1,400	2.9		
3/27/2018	1030	13.46	59,200	59,900	700	1.2		
4/4/2018	1310	14.33	58,900	59,000	100	0.2	38.7	32.0
4/10/2018	1000	13.35	58,000	58,500	500	0.9	38.3	38.3
4/16/2018	1040	13.77	60,700	61,000	300	0.5	40.3	31.6
4/25/2018	1100	15.00	65,900	67,500	1,600	2.4		
5/2/2018	1220	15.57	68,500	71,000	2,500	3.5		
5/8/2018	1045	15.75	69,300	69,600	300	0.4		
5/15/2018	930	15.62	70,700	68,800	-1,900	2.8	59.7	
5/22/2018	1026	16.52	75,600	74,500	-1,100	1.5		
5/30/2018	1030	15.29	67,300	67,200	-100	0.1	75.2	71.1
6/6/2018	1230	14.83	64,700	64,300	-400	0.6	74.5	79.3
6/12/2018	950	16.17	71,600	72,800	1,200	1.6		
6/19/2018	1045	16.53	76,600	73,900	-2,700	3.7		
6/27/2018	1033	21.30	115,000	110,000	-5,000	4.5		
7/3/2018	1115	22.49	128,600	130,000	1,400	1.1		
7/11/2018	1150	19.16	93,743	92,600	-1,143	1.2		
7/17/2018	1030	18.28	86,700	87,800	1,100	1.3	83.3	72.9
7/25/2018	1030	17.50	80,300	82,700	2,400	2.9	73.8	79.9
7/31/2018	1020	17.05	77,900	78,800	900	1.1	78.1	67.3
8/8/2018	1015	16.57	75,700	75,700	0	0.0	79.7	86.9
8/14/2018	1018	16.32	73,300	74,100	800	1.1	81.3	72.5
8/21/2018	1323	19.54	101,000	95,300	-5,700	6.0		
8/24/2018	1018	17.09	80,700	79,000	-1,700	2.2		
8/28/2018	1040	16.74	75,500	76,800	1,300	1.7		
9/5/2018	1040	19.48	98,000	94,900	-3,100	3.3		
9/12/2018	1300	17.57	81,500	85,100	3,600	4.2		
9/18/2018	1030	16.66	74,200	75,600	1,400	1.9	77.0	93.9
9/25/2018	1220	20.66	116,200	102,000	-14,200	13.9		
10/2/2018	1020	20.21	98,500	102,000	3,500	3.4		
10/10/2018	1100	19.03	91,000	93,700	2,700	2.9		
10/16/2018	1045	19.75	96,100	95,900	-200	0.2		
10/23/2018	1030	18.85	89,700	89,800	100	0.1		
10/30/2018	1000	17.99	84,900	84,100	-800	1.0		
11/7/2018	1350	17.79	82,800	82,800	0	0.0		
11/14/2018	1026	17.44	82,600	82,500	-100	0.1	36.9	37.2
11/20/2018	1350	17.16	80,300	80,800	500	0.6	37.9	30.4
11/27/2018	950	16.97	77,100	77,100	0	0.0		
12/6/2018	1420	15.65	68,800	68,700	-100	0.1	37.4	19.6
12/14/2018	1045	11.49	45,000	45,500	500	1.1	33.8	19.6

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)
1/23/2018	1339	23.61	35,000	35,000	0	0.0		
2/21/2018	1316	23.49	34,700	34,500	-200	0.6		
3/8/2018	1040	26.98	52,400	49,800	-2,600	5.2	34.9	30.2
4/4/2018	1100	28.50	59,400	57,600	-1,800	3.1	39.2	21.0
5/2/2018	1030	30.75	70,100	70,100	0	0.0		
6/6/2018	1030	30.66	67,800	69,500	1,700	2.4	73.6	76.8
6/20/2018	1050	33.49	84,900	86,200	1,300	1.5	77.4	76.8
6/29/2018	1445	38.84	135,800	133,800	-2,000	1.5		
7/18/2018	1115	34.70	93,100	94,000	900	1.0	81.5	78.1
8/8/2018	1015	32.30	76,500	79,000	2,500	3.2	81.5	78.1
9/12/2018	1030	34.40	87,800	92,000	4,200	4.6		
10/3/2018	1120	37.02	107,600	112,000	4,400	3.9		
11/7/2018	1058	33.80	87,900	84,900	-3,000	3.5		
12/6/2018	1150	31.80	74,300	76,200	1,900	2.5	34.7	26.6

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)
1/23/2018	1121	7.42	35,100	34,100	-1,000	2.9		
2/1/2018	1145	6.90	32,100	31,500	-600	1.9		
2/21/2018	1115	7.47	34,900	35,000	100	0.3		
3/6/2018	1145	11.87	61,300	57,200	-4,100	7.2		
3/16/2018	1050	9.17	40,700	43,400	2,700	6.2		
3/23/2018	1054	11.11	53,400	53,200	-200	0.4		
3/30/2018	1043	12.07	57,800	58,200	400	0.7		
4/6/2018	1025	12.31	59,900	59,500	-400	0.7		
4/13/2018	1050	12.11	59,000	58,400	-600	1.0	45.9	68.4
4/20/2018	1145	12.94	62,600	62,900	300	0.5	45.1	53.2
4/27/2018	1015	14.23	70,900	70,800	-100	0.1		
5/4/2018	1058	15.69	77,300	80,711	3,411	4.2		
5/11/2018	1119	14.45	69,200	72,200	3,000	4.2		
5/18/2018	1049	15.26	75,400	77,700	2,300	3.0		
5/25/2018	1026	15.02	71,900	65,500	-6,400	9.8		
6/8/2018	1100	14.00	69,000	67,500	-1,500	2.2	76.5	85.1
6/18/2018	1000	14.24	68,700	69,000	300	0.4		
6/29/2018	1130	20.92	121,800	117,100	-4,700	4.0		
7/2/2018	1215	22.54	136,400	135,400	-1,000	0.7		
7/13/2018	1050	18.60	96,300	95,000	-1,300	1.4	86.4	90.7
7/20/2018	1045	17.90	91,400	91,200	-200	0.2	82.8	80.2
7/27/2018	1110	16.57	82,500	81,800	-700	0.9	80.8	75.9
8/3/2018	1115	15.76	78,300	78,300	0	0.0	80.4	76.5
8/10/2018	1020	15.48	77,200	76,400	-800	1.0		
8/17/2018	1040	15.25	73,000	74,800	1,800	2.4		
8/22/2018	1205	19.40	105,000	104,000	-1,000	1.0		
8/31/2018	1043	15.72	77,300	78,000	700	0.9		
9/7/2018	1129	20.69	111,000	114,300	3,300	2.9		
9/14/2018	1030	16.83	87,800	82,900	-4,900	5.9	73.6	77.0
9/12/2018	1030	16.83	87,800	82,900	-4,900	5.9	73.6	77.0
9/21/2018	1012	16.14	80,000	78,100	-1,900	2.4		
9/27/2018	1315	20.25	114,400	109,700	-4,700	4.3		
10/4/2018	1100	19.55	104,900	108,800	3,900	3.6	61.3	52.7
10/11/2018	1055	21.63	114,600	121,500	6,900	5.7	56.3	48.2
10/26/2018	1300	18.08	93,600	94,500	900	1.0	54.0	52.2
11/9/2018	1111	17.06	88,200	90,800	2,600	2.9		
11/16/2018	1046	16.20	84,700	84,700	0	0.0		
11/21/2018	1018	16.10	83,300	84,000	700	0.8		
11/30/2018	1040	14.95	76,700	75,400	-1,300	1.7	36.1	32.5
12/7/2018	1115	15.01	74,000	75,800	1,800	2.4	34.5	30.2

Missouri River at St. Joseph, Missouri (06818000) - STJ								
Date	Time	Gage Height (feet)	Measured Discharge (cfs)	Corps Discharge (cfs)	Discharge Difference (cfs) (-)	Percent Difference (%) (-)	Water Temp (F)	Air Temp (F)
1/24/2018	952	6.69	37,200	36,400	-800	2.2		
2/16/2018	1029	5.53	30,700	31,000	300	1.0		
2/26/2018	1106	6.25	36,300	33,700	-2,600	7.7		
3/7/2018	1035	11.50	66,300	57,400	-8,900	15.5		
3/13/2018	1009	8.76	46,800	43,900	-2,900	6.6		
3/20/2018	1100	9.78	52,300	51,700	-600	1.2		
4/4/2018	1054	11.30	61,200	59,800	-1,400	2.3	39.6	
4/11/2018	1018	11.17	61,000	59,100	-1,900	3.2	41.9	
4/18/2018	1049	11.96	64,300	63,700	-600	0.9		
5/3/2018	1212	13.59	74,300	74,100	-200	0.3		
5/7/2018	1040	14.71	81,100	81,700	600	0.7		
5/22/2018	1040	13.92	75,500	76,300	800	1.0	66.0	
6/7/2018	1051	13.13	69,500	68,700	-800	1.2		
6/12/2018	1108	13.59	73,100	74,100	1,000	1.3	74.3	
6/20/2018	1055	14.72	80,800	81,800	1,000	1.2		
6/25/2018	1115	16.05	90,200	91,800	1,600	1.7		
7/2/2018	1049	21.18	134,300	148,700	14,400	9.7		
7/10/2018	1001	17.81	102,000	97,300	-4,700	4.8		
7/17/2018	1000	16.44	90,900	90,400	-500	0.6		
8/7/2018	1050	14.63	79,000	77,200	-1,800	2.3	78.8	
8/14/2018	1030	14.43	76,700	78,500	1,800	2.3	80.6	
8/21/2018	1045	18.38	108,800	111,400	2,600	2.3		
8/29/2018	1015	15.08	81,200	81,000	-200	0.2	76.3	
9/5/2018	1012	19.25	117,400	118,100	700	0.6		
9/11/2018	1042	17.52	96,700	100,000	3,300	3.3	72.5	
9/18/2018	1015	15.01	81,100	77,800	-3,300	4.2	76.1	
10/4/2018	1004	18.46	109,100	110,100	1,000	0.9		
10/10/2018	1041	23.88	165,000	179,600	14,600	8.1		
10/24/2018	1000	17.48	99,800	99,800	0	0.0		
11/7/2018	1020	16.04	90,900	87,800	-3,100	3.5	48.2	
11/30/2018	1029	14.06	77,200	76,700	-500	0.7		

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)
1/10/2018	1017	7.56	33,300	33,400	100	0.3	32.9	
1/24/2018	1336	8.60	39,600	38,100	-1,500	3.9		
2/14/2018	1313	7.47	33,300	33,000	-300	0.9		
2/26/2018	1422	8.64	40,000	38,300	-1,700	4.4		
3/7/2018	1326	13.16	70,000	62,500	-7,500	12.0		
3/13/2018	1313	10.46	49,000	47,200	-1,800	3.8		
3/20/2018	1506	11.94	56,000	57,300	1,300	2.3		
3/27/2018	1311	13.08	65,200	62,200	-3,000	4.8	43.3	
4/4/2018	1326	12.90	65,300	61,000	-4,300	7.0	34.5	
4/11/2018	1346	12.75	63,100	60,200	-2,900	4.8	44.6	
4/24/2018	1331	14.06	70,000	71,000	1,000	1.4		
5/3/2018	1432	15.24	73,800	79,000	5,200	6.6		
5/3/2018	1500	15.24	73,000	79,000	6,000	7.6		
5/7/2018	1338	17.04	90,400	92,200	1,800	2.0		
5/15/2018	1141	15.94	80,300	84,100	3,800	4.5		
5/22/2018	1403	15.82	77,600	83,200	5,600	6.7		
6/8/2018	1019	15.00	71,800	72,400	600	0.8		
6/12/2018	1434	15.37	70,100	74,900	4,800	6.4	79.9	
6/20/2018	1319	15.34	73,500	74,700	1,200	1.6		
6/27/2018	1412	17.81	95,900	92,400	-3,500	3.8		
7/2/2018	1414	22.15	136,100	129,300	-6,800	5.3		
7/10/2018	1307	19.56	104,000	113,000	9,000	8.0		
7/17/2018	1248	18.44	96,200	94,900	-1,300	1.4	70.9	
7/27/2018	0952	18.11	96,800	93,600	-3,200	3.4		
8/7/2018	1329	16.63	82,000	82,600	600	0.7	79.9	
8/14/2018	1422	16.28	78,500	80,100	1,600	2.0	82.4	
8/21/2018	1207	16.96	83,100	85,000	1,900	2.2		
8/29/2018	1300	17.22	87,900	85,100	-2,800	3.3	77.0	
9/7/2018	1251	23.16	137,900	135,000	-2,900	2.1		
9/11/2018	1325	20.51	106,000	113,900	7,900	6.9	73.2	
9/18/2018	1337	19.09	101,000	96,900	-4,100	4.2	76.6	
10/4/2018	1307	20.35	113,900	111,300	-2,600	2.3	60.3	
10/10/2018	1348	28.24	200,400	192,800	-7,600	3.9		
10/24/2018	1307	20.05	108,200	111,800	3,600	3.2		
11/1/2018	1015	19.16	101,100	101,000	-100	0.1		
11/7/2018	1315	19.17	105,100	100,800	-4,300	4.3		
11/15/2018	1256	18.67	105,400	96,700	-8,700	9.0	38.3	
11/30/2018	1326	17.88	95,800	96,100	300	0.3		
12/6/2018	1251	19.00	108,000	105,100	-2,900	2.8	35.2	

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)
1/10/2018	1308	9.46	37,500	36,800	-700	1.9	33.8	
2/6/2018	1357	9.65	37,800	37,800	0	0.0		
2/8/2018	1335	13.95	69,100	63,400	-5,700	9.0		
3/15/2018	1327	11.39	49,600	48,100	-1,500	3.1		
3/28/2018	1204	14.33	71,300	70,000	-1,300	1.9	44.6	
4/5/2018	1333	13.72	64,700	65,300	600	0.9		
4/12/2018	1410	13.58	62,300	64,300	2,000	3.1	48.0	
4/25/2018	1306	14.61	71,200	72,300	1,100	1.5		
5/16/2018	1347	15.12	73,200	76,500	3,300	4.3	69.6	
5/21/2018	1141	15.94	80,300	84,600	4,300	5.1	68.0	
6/4/2018	1216	15.38	74,300	76,400	2,100	2.7	77.0	
6/14/2018	1120	16.64	84,500	90,200	5,700	6.3		
7/3/2018	1252	21.05	129,700	139,800	10,100	7.2		
7/9/2018	1258	19.63	109,000	113,000	4,000	3.5		
7/18/2018	1144	18.24	101,000	94,600	-6,400	6.8		
7/27/2018	952	18.11	96,800	93,600	-3,200	3.4	70.9	
8/8/2018	1315	16.46	83,100	84,000	900	1.1	81.5	
8/20/2018	1358	16.40	81,900	83,500	1,600	1.9		
9/4/2018	1115	18.63	102,100	103,300	1,200	1.2	77.9	
9/19/2018	1328	18.25	95,600	99,500	3,900	3.9		
10/10/2018	1041	26.85	206,000	220,000	14,000	6.4		
10/26/2018	1029	19.12	108,400	108,800	400	0.4		
11/16/2018	1244	18.21	103,500	99,100	-4,400	4.4	39.2	
12/4/2018	1338	21.90	144,600	148,000	3,400	2.3		

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)
1/11/2018	1057	5.94	35,100	40,200	5,100	12.7		
1/11/2018	1123	5.94	35,800	40,200	4,400	10.9		
2/7/2018	1147	5.79	37,900	39,500	1,600	4.1		
3/8/2018	1044	8.93	60,800	54,500	-6,300	11.6		
3/15/2018	1040	7.87	51,900	48,300	-3,600	7.5		
3/20/2018	1153	10.26	70,500	67,200	-3,300	4.9		
4/5/2018	1103	10.45	70,100	68,600	-1,500	2.2	43.3	
4/12/2018	1142	10.10	65,900	66,100	200	0.3		
4/25/2018	1026	10.71	70,800	70,500	-300	0.4		
5/4/2018	1140	11.87	78,700	80,900	2,200	2.7		
5/8/2018	1337	13.86	97,000	97,100	100	0.1		
5/16/2018	1050	12.03	77,700	80,800	3,100	3.8	71.6	
6/4/2018	1443	11.82	75,700	77,200	1,500	1.9	78.8	
6/13/2018	1130	11.55	72,700	78,300	5,600	7.2	81.5	
6/27/2018	1046	14.05	100,300	101,000	700	0.7		
7/3/2018	1031	17.47	134,600	138,800	4,200	3.0		
7/9/2018	1053	16.43	118,000	122,000	4,000	3.3		
7/20/2018	1005	14.90	106,000	102,000	-4,000	3.9	80.4	
8/8/2018	1053	12.70	81,900	83,500	1,600	1.9		
8/20/2018	1132	12.15	77,100	78,900	1,800	2.3		
9/10/2018	1212	19.10	148,800	153,100	4,300	2.8	72.9	
9/19/2018	1328	18.25	99,600	99,500	-100	0.1		
10/10/2018	1442	25.10	242,500	242,600	100	0.0		
10/31/2018	1115	15.50	111,900	106,800	-5,100	4.8		
11/16/2018	1010	14.71	107,600	103,200	-4,400	4.3	39.7	
11/29/2018	1035	14.92	109,000	110,400	1,400	1.3		
12/4/2018	1049	21.90	201,700	203,400	1,700	0.8		

Missouri River at Hermann, Missouri (06934500) -HEMO								
Date	Time (hhmm)	Height (feet)	Measured Discharge (cfs)	Discharge (cfs)	Difference (cfs) (-)	Difference (%) (-)	Temp (F)	Temp (F)
1/24/2018	1316	3.81	41,600	40,600	-1,000	2.5		
2/26/2018	1216	13.30	113,000	108,100	-4,900	4.5		
3/6/2018	1046	9.88	80,100	78,100	-2,000	2.6		
3/18/2018	1149	6.54	57,100	54,200	-2,900	5.4		
3/28/2018	1218	14.35	129,000	118,400	-10,600	9.0	45.0	
4/9/2018	1145	9.84	84,700	78,700	-6,000	7.6	44.8	
4/19/2018	1129	9.86	79,600	78,900	-700	0.9	44.8	
4/24/2018	1210	9.14	77,200	73,500	-3,700	5.0		
5/8/2018	1022	12.50	108,000	101,000	-7,000	6.9		
5/22/2018	1027	15.49	140,000	130,800	-9,200	7.0		
6/5/2018	1040	11.26	87,100	94,000	6,900	7.3		
6/19/2018	1015	9.83	79,600	82,300	2,700	3.3		
7/10/2018	1013	14.45	121,000	124,500	3,500	2.8		
7/25/2018	1129	12.50	105,000	106,300	1,300	1.2		
8/7/2018	1023	10.53	89,000	88,100	-900	1.0	82.0	
8/28/2018	1021	11.22	88,200	90,200	2,000	2.2		
9/12/2018	1200	15.96	134,000	136,600	2,600	1.9		
9/26/2018	1100	12.34	98,400	100,000	1,600	1.6	75.0	
10/3/2018	1033	14.27	124,000	118,200	-5,800	4.9		
10/17/2018	930	22.43	221,400	231,400	10,000	4.3		
11/14/2018	1059	13.49	114,000	115,900	1,900	1.6		