PLC001 - Primary Lower Cottonwood River near New Ulm - Non-impacted stream/Western Corn Belt Plains

Flow Type	*Date*	*FLOW*	*Time*	*H2O Temp ^{o}C*	*DO*	*pH*	*TT 1*
Base Flow	1/12/2004	34	13:15	0.5	13.50		
Base Flow	2/18/2004	21	14:05				
Base Flow	3/24/2004	299	13:00				
Base Flow	4/15/2004	97	12:20	14.6	10.96	8.5	25.0
Base Flow	5/5/2004	99	13:55	16.1	10.12	8.4	25.4
Storm Flow	5/24/2004	423	14:10	14.2	11.10	8.4	
Storm Flow	5/27/2004	1,020	14:30	16.2	8.71	8.3	11.8
Storm Flow	5/30/2004	3,410	17:39				1.5
Storm Flow	6/2/2004	5,980	15:05	15.9	8.54		
Storm Flow	6/3/2004	5,160	14:15	16.3	8.83		4.5
Storm Flow	6/10/2004	2,350	14:40	17.1	9.85		10.3
Storm Flow	6/14/2004	4,170	14:20	20.3	8.70		5.5
Storm Flow	6/15/2004	3,490	13:55	21.1	8.90		8.1
Base Flow	6/29/2004	600	15:00	22.6	8.00		14.3
Storm Flow	7/12/2004	861	13:55	26.0	8.42		9.7
Base Flow	7/28/2004	314	12:15	22.7	14.44		12.5
Base Flow	8/25/2004	98	14:35	25.2	9.90	8.5	39.9
?Storm Flow ?	9/15/2004	206	15:00	20.1	9.13	8.4	5.2
Base Flow	10/25/2004	189	10:40	9.6	11.48	8.5	60.0
Base Flow	11/16/2004	144	12:00	4.4	14.65	8.2	60.0
Base Flow	12/9/2004	147	10:45	0.8	15.46	8.3	60.0

Flow measured in Cubic Feet per second (ft^3/sec)

PLC010 - Primary Lower Cottonwood River near Leavenworth - Non-impacted stream/Western Corn Belt Plains

Flow Type	*Date*	*FLOW*	*Time*	*H2O Temp ^{o}C*	*DO*	*pH*	*TT 1*
Base Flow	4/15/2004	75	11:10	12.8	13.12	8.7	20.2
Base Flow	5/5/2004	163	13:05	15.2	12.24	8.6	45.4
Storm Flow	5/24/2004	308	13:10	13.0	10.13	8.2	
Storm Flow	5/27/2004	685	13:30	14.2	9.14	7.9	20.3
Storm Flow	5/30/2004	1,482	16:52				4.0
Storm Flow	6/2/2004	3,905	14:10	15.4	7.77		
Storm Flow	6/3/2004	2,940	13:40	16.5	7.88		10.6
Storm Flow	6/14/2004	2,431	13:20	20.4	8.00		9.7
Storm Flow	6/15/2004	2,306	13:05	21.1	8.09		12.9
Base Flow	6/29/2004	412	14:20	21.0	9.05		16.3
Storm Flow	7/12/2004	1,420	12:45	24.0	7.78		3.5
Base Flow	7/28/2004	221	10:30	21.6	11.70		17.3
Base Flow	8/25/2004	122	13:45	29.9	13.21	8.6	38.2
?Storm Flow?	9/15/2004	184	14:15	19.9	10.07	8.4	18.6

Flow measured in Cubic Feet per second (ft^3/sec)

PLC005 - Primary Lower Sleepy Eye Creek near Cobden - Non-impacted stream/Western Corn Belt Plains

Flow Type	*Date*	*FLOW*	*Time*	*H2O Temp ^{o}C*	*DO*	*pH*	*TT 1*
Base Flow	4/15/2004	5	11:35	12.9	9.46	8.5	60.0
Base Flow	5/5/2004	25	12:50	13.8	9.43	8.4	36.7
Storm Flow	5/24/2004	311	12:35	10.5	8.66	8.2	
Storm Flow	5/27/2004	127	13:10	16.2	8.64	8.4	44.4
Storm Flow	5/30/2004	2,344	16:37				2.5
Storm Flow	6/2/2004	1,160	13:50	14.3	8.27		
Storm Flow	6/3/2004	809	13:15	16.6	7.82		7.2
Storm Flow	6/14/2004	1,072	13:00	19.2	8.04		9.2
Storm Flow	6/15/2004	674	12:35	19.2	8.22		10.5
Base Flow	6/29/2004	86	14:00	21.2	8.80		31.5
?Storm Flow?	7/12/2004	169	13:10	24.6	7.91		19.2
Base Flow	7/28/2004	28	11:15	22.5	8.30		60.0
Base Flow	8/25/2004	14	13:10	22.8	9.38	8.5	60.0
?Storm Flow?	9/15/2004	127	13:45	19.3	8.05	8.2	26.2

Flow measured in Cubic Feet per second (ft^3/sec)

PMC020 - Primary Middle Cottonwood River near Lamberton - Non-impacted stream/Western Corn Belt Plains

Flow Type	*Date*	*FLOW*	*Time*	*H2O Temp ^{o}C*	*DO*	*pH*	*TT 1*
Base Flow	4/15/2004	36	10:00	11.8	11.90	9.4	23.2
Base Flow	5/5/2004	30	12:05	14.4	10.52	8.4	39.7
Storm Flow	5/27/2004	414	12:10	14.3	8.95	8.3	22.0
Storm Flow	6/2/2004	2,432	12:45	14.8	7.30		10.6
Storm Flow	6/3/2004	2,163	12:15	16.9	6.50		13.9
Storm Flow	6/10/2004	508	13:20	16.6	9.08		11.3
Storm Flow	6/12/2004	1,741	14:45	18.7	7.65		5.0
Storm Flow	6/14/2004	2,036	12:05	20.5	6.97		20.2
Storm Flow	6/15/2004	1,747	11:35	21.0	7.02		22.6
Base Flow	6/29/2004	239	13:30	18.9	8.71		16.5
Storm Flow	7/12/2004	1,121	12:00	22.4	7.31		4.9
Base Flow	7/27/2004	64	13:15	21.7	11.70		12.7
Base Flow	8/23/04	18	13:20	20.6	10.58	8.6	33.8
Storm Flow	9/15/04	382	13:00	18.7	8.18	8.1	5.8
Base Flow	9/29/04	116	13:10	13.7	9.80	8.3	21.3

Flow measured in Cubic Feet per second (ft^3/sec)

TUP - Tertiary Plum Creek near Walnut Grove - Non-impacted stream/Western Corn Belt Plains

Flow Type	*Date*	*FLOW*	*Time*	*H2O Temp ^{o}C*	*DO*	*pH*	*TT 1*
Base Flow	5/5/2004	11	11:35	11.6	10.42	8.1	60.0
Storm Flow	5/24/2004	149	10:45	10.4	9.49		
Storm Flow	5/27/2004	92	11:30	14.0	8.40	8.3	26.5
Storm Flow	5/30/2004	739	14:07				2.5
Storm Flow	6/2/2004	358	12:05	13.5	9.09		5.2
Storm Flow	6/3/2004	295	10:45	14.9	8.80		6.3
Storm Flow	6/10/2004	158	12:40	15.7	9.93		11.3
Storm Flow	6/12/2004	502	14:15	18.7	8.47		3.9
Storm Flow	6/14/2004	257	11:20	17.2	9.52		8.4
Base Flow	6/30/2004	63	11:15	18.9	8.71		25.2
Storm Flow	7/12/2004	321	11:30	20.4	8.07		6.1
Base Flow	7/27/2004	29	12:35	20.0	9.00		45.5
Base Flow	8/23/2004	13	12:40	18.7	11.01	8.6	60.0
Base Flow	8/25/2004	13	11:15	20.2	9.81		60.0
Storm Flow	9/15/2004	204	12:15	17.7	8.90	8.1	8.1
Base Flow	9/29/2004	65	12:30	12.8	9.95	8.3	47.2

Flow measured in Cubic Feet per second (ft^3/sec)