

Stream Name Kings River
Site ID ("Kings" in other AWRC publications)
Site Location Kings River near Berryville, Arkansas
GPS Coordinates 36°25'38"N, 93°37'15"W
USGS Station ID 07050500
AWRC Publication No MSC 361
Funding Agency Arkansas Natural Resources Commission
Dates 7/1/09-6/30/10

Sample Date	Sample Time	Ammonia-N mg/L	Chloride mg/L	Nitrate-N mg/L	Soluble Reactive P mg/L	Sulfate mg/L	Total N mg/L	Total P mg/L	Total Suspended Solids mg/L	Turbidity NTU	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	Temperature °C
7/9/2009	8:00	0.03	6.9	0.20	0.068	6.2	0.38	0.092	5	6	301	7.1	8.2	25.6
7/15/2009	6:45	0.04	10.3	0.34	0.115	8.2	0.57	0.150	8	8	317	5.7	8.1	27.6
7/22/2009	7:15	0.01	6.2	0.35	0.116	6.0	0.53	0.144	10	5	262	7.0	8.0	23.6
7/29/2009	7:00	0.11	5.6	0.20	0.039	5.9	0.34	0.060	5	5	269	7.1	8.1	25.5
8/5/2009	10:00	0.02	5.9	0.13	0.093	5.5	0.21	0.120	5	4	270	1.7	8.3	28.2
8/12/2009	10:15	0.02	9.4	0.15	0.206	5.8	0.26	0.254	8	6	298	7.2	8.3	26.2
8/19/2009	10:45	0.03	10.7	0.07	0.166	6.4	0.24	0.316	6	6	294	7.4	8.5	27.0
8/26/2009	7:30	0.02	9.0	0.08	0.216	6.8	0.27	0.238	5	5	297	6.5	8.4	23.8
9/2/2009	8:15	0.08	12.7	0.03	0.283	7.8	0.19	0.310	4	5	321	6.6	8.3	21.2
9/9/2009	6:45	0.03	6.3	0.16	0.098	6.3	0.33	0.112	9	9	269	6.2	8.2	24.6
9/16/2009	6:45	0.02	5.6	0.39	0.166	6.6	0.67	0.206	17	15	311	8.1	8.1	21.2
9/17/2009	9:00	0.07	3.0	0.57	0.094	6.2	1.70	0.292	131	128	198	10.7	8.0	19.6
9/23/2009	9:15	0.12	2.3	0.86	0.024	4.5	1.12	0.134	43	62	160	8.3	7.7	18.6
9/30/2009	8:15	0.02	4.5	1.00	0.064	6.3	1.35	0.092	2	2	253	9.1	8.1	16.8
10/7/2009	7:15	0.01	5.6	0.66	0.060	6.9	0.81	0.072	2	3	273	8.1	8.2	15.6
10/9/2009	12:30	0.18	1.5	0.75	0.103	2.8	1.05	1.325	783	776	107	7.7	7.6	16.5
10/14/2009	7:30	0.12	3.0	1.12	0.035	4.9	1.33	0.120	52	54	192	9.8	8.0	14.7
10/21/2009	7:15	0.01	4.0	1.34	0.022	6.0	1.47	0.028	5	5	245	9.7	8.1	15.5
10/28/2009	8:00	0.01	3.9	0.89	0.039	5.9	1.00	0.038	2	3	247	9.7	8.1	13.1
10/30/2009	9:45	0.05	2.0	0.48	0.049	3.5	1.04	0.680	462	400	130	9.8	7.9	15.0
11/4/2009	8:15	0.03	3.4	1.09	0.026	5.4	1.16	0.030	3	7	220	9.9	8.1	12.8
11/11/2009	8:15	0.01	4.1	0.91	0.036	5.8	0.96	0.048	1	2	243	10.4	8.2	14.5
11/18/2009	8:00	0.01	3.7	0.78	0.026	5.8	0.92	0.040	2	2	241	9.9	8.2	10.7
11/24/2009	7:45	0.01	3.8	0.55	0.029	6.1	0.67	0.042	1	1	238	9.7	8.2	11.8
12/2/2009	7:15	0.01	4.0	0.55	0.023	6.2	0.59	0.036	1	1	236	11.1	8.3	8.4
12/9/2009	8:00	0.01	4.9	0.56	0.023	6.6	0.66	0.024	1	1	245	11.8	8.4	5.1
12/16/2009	6:30	0.01	5.8	0.46	0.008	7.1	0.52	0.006	1	3	253	14.0	8.5	4.4
12/22/2009	7:15	0.01	5.8	0.43	0.001	6.9	0.48	0.012	2	1	253	12.6	8.5	5.3
12/31/2009	7:15	0.01	3.6	0.70	0.022	6.1	0.78	0.032	1	3	203	12.5	8.1	5.6
1/6/2010	7:15	0.01	3.9	0.67	0.019	6.4	0.73	0.020	1	5	220	14.6	8.3	0.7
1/13/2010	8:00	0.01	4.8	0.64	0.043	6.8	0.70	0.038	1	1	236	13.4	8.4	1.1
1/20/2010	7:30	0.01	5.2	0.50	0.001	7.5	0.60	0.016	1	1	243	11.5	8.4	8.6
1/27/2010	7:45	0.05	3.6	1.13	0.007	6.3	1.22	0.012	4	9	209	12.9	8.1	5.8
2/4/2010	7:30	0.01	4.4	1.00	0.013	7.0	1.11	0.034	2	5	236	12.3	8.1	5.9
2/11/2010	7:15	0.02	4.2	1.23	0.023	6.0	1.30	0.032	3	7	216	11.6	8.1	4.6
2/17/2010	7:15	0.01	4.1	1.12	0.028	6.4	1.11	0.034	2	5	220	11.9	8.2	4.0
2/25/2010	7:30	0.03	3.7	0.94	0.036	5.8	1.04	0.056	2	10	191	13.8	8.3	6.2
3/3/2010	7:30	0.01	4.2	0.90	0.019	6.5	0.97	0.016	2	4	222	12.4	8.2	4.2
3/10/2010	7:30	0.01	4.7	0.70	0.041	6.5	0.86	0.048	2	2	237	9.4	8.3	11.1
3/17/2010	7:45	0.02	4.8	0.69	0.060	6.8	0.83	0.080	3	4	241	11.0	8.3	10.6
3/23/2010	10:15	0.08	3.0	1.00	0.037	5.8	1.37	0.194	125	94	135	11.4	8.1	9.4
3/31/2010	7:45	0.01	3.5	1.07	0.019	5.5	1.26	0.056	6	9	202	10.7	8.1	12.3
4/7/2010	8:00	0.02	3.4	0.80	0.022	5.5	0.90	0.044	6	8	202	8.5	8.1	16.2
4/14/2010	7:30	0.01	4.1	0.53	0.005	5.8	0.65	0.034	3	3	219	8.0	8.2	16.8
4/21/2010	7:30	0.01	3.9	0.47	0.031	5.6	0.59	0.044	2	3	222	8.7	8.2	15.9
4/28/2010	7:30	0.01	3.6	0.50	0.043	5.8	0.60	0.042	2	3	248	8.7	8.1	13.7
5/5/2010	7:30	0.06	3.8	0.39	0.050	5.5	0.53	0.075	3	3	210	6.6	8.0	18.8
5/12/2010	7:30	0.09	3.0	0.67	0.048	4.8	0.87	0.086	9	14	197	9.9	8.0	17.2
5/14/2010	21:15	0.09	2.6	0.61	0.125	4.2	1.09	0.428	169	154	211	7.9	8.0	17.8
5/15/2010	14:30	0.04	2.5	0.63	0.057	4.8	1.01	0.282	165	103	212	8.4	8.0	17.2
5/17/2010	7:30	0.01	2.3	0.63	0.018	4.3	0.85	0.086	26	23	183	8.4	7.8	16.2
5/20/2010	16:30	0.38	1.7	0.46	0.187	3.2	1.69	0.964	745	570	116	8.1	7.8	17.0
5/26/2010	7:15	0.07	3.2	0.97	0.044	4.9	1.13	0.066	5	6	220	7.9	8.1	20.3
6/2/2010	7:30	0.01	3.7	0.45	0.019	5.1	0.57	0.040	3	2	234	6.6	8.2	24.3
6/9/2010	7:30	0.04	4.8	0.52	0.082	5.5	0.66	0.102	4	3	260	5.6	8.1	25.4
6/16/2010	7:30	0.04	5.3	0.43	0.092	5.7	0.53	0.110	5	4	270	6.3	8.0	26.0
6/24/2010	9:30	0.07	5.7	0.39	0.103	5.5	0.52	0.152	2	3	278	7.2	8.2	29.1