07197000 BARON FORK AT ELDON, OK

Robert S. Kerr Reservoir Basin
Illinois Subbasin

LOCATION.--Lat 35°55′16″, long 94°50′18″ referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.27, T.17 N., R.23 E., Cherokee County, OK, Hydrologic Unit 11110103, on downstream left abutment of bridge on State Highway 51, 0.4 mi southeast of Eldon, 6.0 mi downstream from Tyner Creek, andat mile 8.8.

DRAINAGE AREA.--307 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1948 to current year. Prior to October 1970 published as Barren Fork at Eldon.

REVISED RECORDS.--WDR OK-93-1: 1990 (M), WDR OK-99-1: 1987 (M).

GAGE.--Water-stage recorder. Datum of gage is 701.14 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Dec. 14, 1948, nonrecording gage at same site and datum.

REMARKS.--Records fair except for estimated daily discharges which are poor. U.S. Army Corps of Engineers' satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 15, 1945, reached a stage of 23.8 ft, from information provided by local resident.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb 17	1030	7,040	12.28
Mar 3	2130	7,910	12.80
Mar 19	0300	34,300	22.31
Apr 10	1400	*39,600	*23.50
Apr 23	0300	7,750	12.71
Apr 24	0430	6,900	12.19
Jul 9	2000	6,490	11.93
Jul 11	0030	6,650	12.03
Sep 14	1430	8,930	13.38

07197000 BARON FORK AT ELDON, OK—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	93	79	47	116	83	316	1,880	509	317	235	183	171
2	103	76	48	109	81	296	1,190	490	520	220	177	168
3	304	71	48	102	79	2,310	1,040	533	418	208	172	e264
4	544	68	47	97	78	3,220	2,280	457	356	1,710	166	2,150
5	363	65	46	93	80	1,670	1,260	420	315	858	159	831
6	281	61	45	91	132	1,240	1,030	396	295	585	153	546
7	232	58	45	91	305	951	870	388	277	464	151	440
8	200	56	45	122	264	776	976	396	259	389	151	384
9	231	54	45	178	230	656	1,200	384	359	e1,850	153	342
10	270	53	53	217	200	560	14,100	372	1,030	2,370	366	313
11	206	51	67	213	180	499	4,830	378	743	2,720	660	295
12	166	51	98	205	167	456	1,990	356	568	1,050	455	285
13	142	51	153	193	165	425	1,250	337	468	817	353	284
14	121	51	210	186	168	394	1,000	325	408	689	299	3,380
15	115	49	239	179	159	371	831	339	361	564	275	1,400
16	119	48	352	168	166	346	700	347	797	488	353	779
17	139	47	348	158	3,160	320	598	327	685	437	299	557
18	135	47	308	149	1,900	7,030	724	307	546	396	263	459
19	130	47	279	140	1,090	18,900	776	293	467	360	243	401
20	124	46	258	131	823	4,350	631	280	497	330	229	356
21	112	46	237	124	712	2,110	556	267	623	307	219	320
22	112	45	219	118	638	1,600	543	256	479	291	214	291
23	118	46	199	112	556	1,240	2,860	246	436	276	204	267
24	117	45	183	107	508	1,020	3,940	240	476	264	217	249
25	116	46	169	102	467	881	1,630	240	414	254	246	233
26	111	48	158	98	434	777	1,170	274	354	247	225	220
27	106	48	151	95	398	705	892	349	318	240	209	208
28	99	48	145	92	367	624	751	527	295	233	199	199
29	94	47	138	88	340	592	639	411	284	225	191	191
30	93	48	130	85	---	639	572	352	258	211	184	182
31	85	---	123	84	---	717	---	312	---	190	177	---
Total	5,181	1,596	4,633	4,043	13,930	55,991	52,709	11,108	13,623	19,478	7,545	16,165
Mean	167	53.2	149	130	480	1,806	1,757	358	454	628	243	539
Max	544	79	352	217	3,160	18,900	14,100	533	1,030	2,720	660	3,380
Min	85	45	45	84	78	296	543	240	258	190	151	168
Ac-ft	10,280	3,170	9,190	8,020	27,630	111,100	104,500	22,030	27,020	38,630	14,970	32,060
Cfsm	0.54	0.17	0.49	0.42	1.56	5.88	5.72	1.17	1.48	2.05	0.79	1.76
In.	0.63	0.19	0.56	0.49	1.69	6.78	6.39	1.35	1.65	2.36	0.91	1.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2008, BY WATER YEAR (WY)

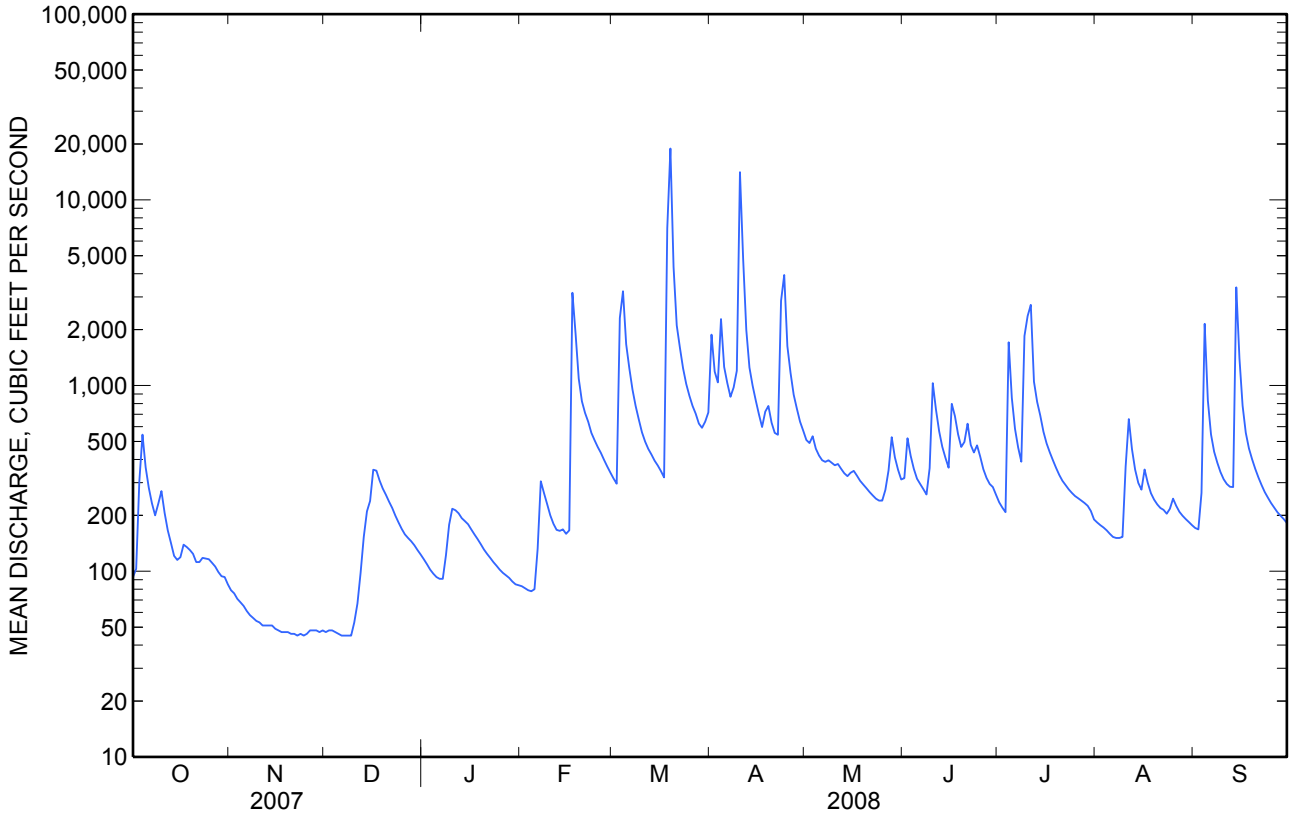
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	164	315	320	326	391	539	592	603	341	162	78.3	121
Max	2,077	1,641	1,692	1,602	1,441	1,806	2,105	2,605	2,290	903	437	927
(WY)	(1987)	(1997)	(1988)	(1998)	(1951)	(2008)	(1957)	(1957)	(2000)	(1958)	(1992)	(1970)
Min	1.96	10.4	14.0	14.6	24.6	43.3	61.9	62.5	25.0	8.75	3.80	3.10
(WY)	(1957)	(1964)	(1964)	(1964)	(1964)	(1967)	(2006)	(1977)	(1977)	(1954)	(1954)	(1956)

07197000 BARON FORK AT ELDON, OK—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1949 - 2008	
Annual total	92,823		206,002			
Annual mean	254		563		329	
Highest annual mean					734	1993
Lowest annual mean					55.7	1963
Highest daily mean	7,010	Jan 14	18,900	Mar 19	34,300	Oct 1, 1986
Lowest daily mean	22	Sep 4	45	at times	[a]1.8	Oct 7, 1956
Annual seven-day minimum	26	Aug 30	46	Nov 19	1.8	Oct 21, 1956
Maximum peak flow			39,600	Apr 10	54,700	Jun 21, 2000
Maximum peak stage			23.50	Apr 10	26.77	Jun 21, 2000
Annual runoff (ac-ft)	184,100		408,600		238,200	
Annual runoff (cfsm)	0.828		1.83		1.07	
Annual runoff (inches)	11.25		24.96		14.55	
10 percent exceeds	485		1,030		694	
50 percent exceeds	145		274		126	
90 percent exceeds	46		66		24	

[a] Also occurred Oct. 8, 21-28, 1956.



07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1958-60, July 1991 to July 1995, July 1996 to current year.

REMARKS.--Samples collected periodically. Specific conductance, pH, water temperature, dissolved oxygen, turbidity, and alkalinity were determined in the field.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 8

[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Time	Instantaneous discharge, ft3/s (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)
Oct													
04...	1130	529	3.5	9.2	742	8.6	103	7.7	228	--	22.9	100	6
09...	1430	231	<2.0	1.4	749	9.1	108	7.7	237	--	23.0	110	14
Dec													
04...	1130	47	<2.0	.7	742	10.1	96	7.5	233	15.3	12.2	110	11
13...	1030	150	<2.0	1.0	748	10.7	99	7.8	240	4.2	10.8	110	13
Jan													
10...	1100	218	E1.3	1.2	733	11.2	102	7.9	242	6.5	9.5	110	15
Feb													
18...	1130	1,780	55	49	747	11.1	95	7.5	181	9.9	7.8	77	15
Mar													
19...	1700	1,720	230	220	746	10.1	94	7.1	111	15.0	11.2	48	13
Apr													
01...	1145	2,020	69	77	748	9.7	95	7.6	168	--	13.4	80	18
10...	1745	23,000	520	450	728	5.4	56	6.5	91	--	15.5	38	6
22...	1230	509	4.0	4.6	730	9.6	107	7.9	179	27.5	18.3	76	13
May													
28...	1300	529	4.1	8.4	748	8.8	102	7.8	210	21.8	21.8	96	14
Jun													
16...	1045	976	28	32	745	7.4	85	7.5	167	23.9	20.9	72	11
Jul													
10...	1345	1,560	33	35	748	9.2	106	7.1	173	29.0	21.4	75	8
Aug													
07...	1215	150	2.2	1.9	744	8.1	105	7.6	210	28.4	27.4	92	9
11...	1100	633	16	15	739	6.9	83	7.5	196	20.4	23.3	85	4
Sep													
04...	1315	1,710	58	70	736	7.3	86	7.4	184	16.7	21.5	81	10
15...	1315	1,220	33	31	748	7.8	89	7.4	186	21.0	20.7	80	9

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Calcium water, fltrd, mg/L (00915)	Calcium water unfltrd recover -able, mg/L (00916)	Magnes-ium, water, fltrd, mg/L (00925)	Magnes-ium, water, unfltrd recover -able, mg/L (00927)	Potas-sium, water, fltrd, mg/L (00935)	Potas-sium, water, unfltrd recover -able, mg/L (00937)	Sodium adsorp-tion ratio (00931)	Sodium frac-tion of cations percent (00932)	Sodium, water, fltrd, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka-linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt infl pt titr., field, mg/L (00453)	Carbon-ate, wat flt infl pt titr., field, mg/L (00452)
Oct													
04...	36.9	37.7	1.91	1.91	2.65	2.65	.1	7	3.32	3.5	95	115	<1
09...	39.3	40.2	1.99	1.84	2.50	2.30	.1	7	3.51	3.8	93	113	<1
Dec													
04...	39.8	40.0	2.04	1.99	2.11	2.28	.2	7	3.75	3.9	97	118	<1
13...	39.9	39.8	2.06	1.85	2.06	1.98	.2	7	3.76	3.6	96	116	<1
Jan													
10...	38.9	39.2	1.93	1.81	1.97	1.82	.2	7	3.68	3.5	91	110	<1
Feb													
18...	28.1	29.6	1.66	1.72	2.34	2.49	.1	7	2.72	2.8	63	76	<1
Mar													
19...	17.3	18.5	1.23	1.52	2.67	2.88	.1	7	1.82	1.8	35	43	<1
Apr													
01...	29.3	28.5	1.67	1.64	2.61	2.56	.1	7	2.86	2.7	62	76	<1
10...	13.7	17.4	.978	1.60	2.55	3.26	.1	7	1.34	1.3	32	39	<1
22...	28.0	28.2	1.56	1.46	2.10	2.12	.1	7	2.77	2.8	64	77	<1
May													
28...	35.2	33.8	1.90	1.78	2.49	2.42	.1	7	3.27	3.1	83	100	<1
Jun													
16...	26.6	27.5	1.40	1.42	2.87	3.04	.1	7	2.54	2.6	61	74	<1
Jul													
10...	27.7	29.5	1.51	1.60	2.75	2.58	.1	7	2.58	2.6	68	82	<1
Aug													
07...	33.8	34.5	1.74	1.59	2.72	2.46	.1	7	3.28	3.2	83	101	<1
11...	31.2	32.3	1.74	1.67	2.93	2.73	.1	7	2.86	2.9	82	99	<1
Sep													
04...	29.8	29.8	1.72	1.77	3.01	3.04	.1	7	2.88	2.9	72	87	<1
15...	29.4	28.6	1.60	1.58	2.60	2.63	.1	7	2.83	2.7	71	86	<1

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, dissolved, tons/d (70302)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite water, fltrd, mg/L (71856)
Oct													
04...	5.40	7.22	E120	.18	192	134	.17	--	<.020	1.30	5.73	1.30	.009
09...	5.66	7.03	E121	.19	86.1	138	E.08	--	<.020	1.29	5.71	1.29	.009
Dec													
04...	6.74	7.36	E125	.19	17.9	141	<.14	--	<.020	1.10	E4.88	E1.10	E.005
13...	6.66	7.47	E125	.17	51.0	126	E.07	E.02	E.015	1.31	E5.78	E1.31	E.004
Jan													
10...	6.53	8.56	E124	.19	83.0	141	<.14	--	<.020	1.80	E7.95	E1.80	E.003
Feb													
18...	4.83	8.99	E98	.15	545	113	.51	E.02	E.012	2.67	11.8	2.67	.009
Mar													
19...	2.94	5.83	E61	.11	377	81	1.3	.03	.026	1.84	8.13	1.84	.013
Apr													
01...	4.22	6.92	E95	.13	537	98	.74	E.02	E.013	2.10	9.28	2.10	.009
10...	1.65	4.24	E48	.08	3,870	62	2.1	.04	.027	.876	3.86	.87	.015
22...	4.45	7.15	94	.16	157	114	E.14	--	<.020	2.21	E9.79	E2.21	E.004
May													
28...	4.95	8.00	E113	.15	162	114	.19	--	<.020	1.78	7.87	1.78	.017
Jun													
16...	3.83	5.32	E87	.16	313	119	.43	E.02	E.012	1.65	7.27	1.64	.013
Jul													
10...	3.46	5.65	E92	.16	480	114	.39	--	<.020	1.66	E7.34	E1.66	E.005
Aug													
07...	4.83	5.57	E107	.17	50.9	126	E.11	--	<.020	1.29	5.68	1.28	.014
11...	4.37	6.72	E107	.16	202	118	.30	--	<.020	1.76	7.79	1.76	.009
Sep													
04...	3.53	6.35	E98	.17	586	127	.51	--	<.020	1.61	7.14	1.61	.009
15...	3.42	5.92	E97	.17	407	123	.29	--	<.020	1.82	E8.05	E1.82	E.005

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)	Hydrogen ion, water, unfltrd calcd, mg/L (00191)	Organic carbon, water, unfltrd mg/L (00680)	Enterococci, Defined Substr. Tech., water, MPN (99601)	E coli, Defined Substr. Tech., water, MPN/100 mL (50468)	Total coliform, Defined Tech., MPN/100 mL (50569)	Aluminum, water, fltrd, µg/L (01106)
Oct													
04...	.003	--	1.5	.120	.039	.043	.055	.00002	1.9	--	290	4,300	1.9
09...	.003	--	E1.4	.083	.027	.029	.033	.00002	.9	--	3,100	4,900	E1.2
Dec													
04...	E.001	--	--	.054	.018	.017	.022	.00003	1.3	10	20	1,200	E.9
13...	E.001	E.07	E1.4	.066	.022	.022	.024	.00002	.7	40	62	2,300	2.7
Jan													
10...	E.001	--	--	.045	.015	.015	.018	.00001	.7	13	<200	4,600	E1.1
Feb													
18...	.003	E.51	3.2	.183	.060	.067	.162	.00003	5.0	920	680	17,000	13.9
Mar													
19...	.004	1.3	3.2	.367	.120	.136	.41	.00008	11.4	1,800	4,200	48,000	21.0
Apr													
01...	.003	E.74	2.8	.234	.076	.085	.239	.00003	6.6	4,000	28,000	140,000	29.5
10...	.004	2.1	3.0	.403	.131	.141	.65	.00030	20.2	>9,700	15,000	110,000	61.5
22...	E.001	--	E2.4	.089	.029	.032	.041	.00001	1.4	6	52	6,200	2.2
May													
28...	.005	--	2.0	.089	.029	.035	.048	.00002	2.0	2	62	20,000	2.7
Jun													
16...	.004	E.43	2.1	.267	.087	.097	.176	.00003	4.8	>4,800	4,500	9,600	6.3
Jul													
10...	E.002	--	2.0	.217	.071	.075	.138	.00008	4.7	380	580	40,000	4.8
Aug													
07...	.004	--	E1.4	.083	.027	.031	.035	.00003	1.2	2	100	8,600	1.7
11...	.003	--	2.1	.220	.072	.076	.110	.00003	3.2	3,100	780	35,000	4.8
Sep													
04...	.003	--	2.1	.295	.096	.103	.210	.00004	4.7	3,100	6,300	48,000	8.3
15...	E.002	--	2.1	.165	.054	.056	.110	.00004	3.2	260	300	20,000	3.7

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Aluminum, water, unfltrd recoverable, µg/L (01105)	Antimony, water, fltrd, µg/L (01095)	Antimony, water, unfltrd µg/L (01097)	Arsenic water, fltrd, µg/L (01000)	Arsenic water, unfltrd µg/L (01002)	Barium, water, fltrd, µg/L (01005)	Barium, water, unfltrd recoverable, µg/L (01007)	Beryllium, water, fltrd, µg/L (01010)	Beryllium, water, unfltrd recoverable, µg/L (01012)	Cadmium water, fltrd, µg/L (01025)	Cadmium water, unfltrd µg/L (01027)	Chromium, water, fltrd, µg/L (01030)	Chromium, water, unfltrd recoverable, µg/L (01034)
Oct													
04...	92	<.14	<.1	.33	E.41	42	40.9	<.01	<.04	<.04	E.01	<1	<1
09...	18	<.14	<.1	.28	<.60	40	40.0	<.01	<.04	<.04	<.01	M	<1
Dec													
04...	9	<.14	<.1	.17	<.60	36	37.4	<.01	<.04	<.04	<.01	<1	<1
13...	16	<.14	<.1	.21	<.60	36	36.1	<.01	<.04	<.04	E.01	<1	<1
Jan													
10...	16	<.14	<.1	.18	<.60	33	33.7	<.01	<.04	<.04	<.01	<1	<1
Feb													
18...	827	<.14	<.1	.31	1.0	26	40.2	<.01	.11	<.04	.05	<1	1
Mar													
19...	3,170	<.14	E.1	.45	2.6	19	84.0	<.01	.42	<.04	.14	<1	6
Apr													
01...	1,190	<.14	E.1	.43	1.3	27	50.4	<.01	.17	<.04	.06	<1	2
10...	5,150	<.14	E.1	.60	3.6	16	135	E.01	.72	<.04	.24	<1	8
22...	112	<.14	<.1	.21	E.40	28	31.7	<.01	<.04	<.04	<.01	<1	<1
May													
28...	104	<.14	<.1	.29	.63	36	37.6	<.01	<.04	<.04	E.01	<1	<1
Jun													
16...	487	<.14	<.1	.38	.79	32	43.8	M	.07	<.04	.02	<1	M
Jul													
10...	575	<.14	<.1	.39	.86	32	44.6	<.01	.08	E.02	.04	<1	1
Aug													
07...	35	<.14	<.1	.33	E.37	37	36.8	<.01	<.04	<.04	<.01	<1	<1
11...	230	<.14	<.1	.47	.67	36	38.3	<.01	E.03	<.04	.01	<1	<1
Sep													
04...	768	<.14	<.1	.53	1.2	32	49.9	<.01	.10	<.04	.02	<1	1
15...	547	<.14	<.1	.37	.77	35	44.6	<.01	.05	<.04	.01	<1	M

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 6 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Cobalt water, fltrd, µg/L (01035)	Cobalt water, unfltrd recover -able, µg/L (01037)	Copper, water, fltrd, µg/L (01040)	Copper, water, unfltrd recover -able, µg/L (01042)	Iron, water, fltrd, µg/L (01046)	Iron, water, unfltrd recover -able, µg/L (01045)	Lead, water, fltrd, µg/L (01049)	Lead, water, unfltrd recover -able, µg/L (01051)	Mangan- ese, water, fltrd, µg/L (01056)	Mangan- ese, water, unfltrd recover -able, µg/L (01055)	Molyb- denum, water, fltrd, µg/L (01060)	Molyb- denum, water, unfltrd recover -able, µg/L (01062)	Nickel, water, fltrd, µg/L (01065)
Oct													
04...	.05	.12	<1.0	E.81	E6	131	<.08	.38	3.7	11.2	.3	.3	.38
09...	.04	.04	<1.0	E.80	<8	35	<.08	.07	2.5	4.5	.3	.3	.26
Dec													
04...	.03	<.04	<1.0	<1.2	E4	18	<.08	<.06	1.8	2.4	.3	.2	.27
13...	.05	E.04	3.3	<1.2	<8	27	.41	.06	1.5	3.0	.3	.3	.87
Jan													
10...	.03	E.02	<1.0	<1.2	<8	22	<.08	<.06	1.2	2.2	.3	.3	.29
Feb													
18...	.07	.92	E.80	2.5	31	1,060	E.08	1.61	4.8	124	.2	.2	.55
Mar													
19...	.07	4.3	E.93	5.0	45	4,750	E.05	7.08	6.9	546	E.2	.1	.66
Apr													
01...	.07	1.5	E.82	2.3	50	1,640	<.08	2.51	6.0	178	.2	.2	.57
10...	.07	7.8	1.3	8.1	118	7,670	.13	13.2	3.0	939	.2	.1	.89
22...	.03	.06	<1.0	<1.2	<8	135	<.08	.18	5.7	16.9	.2	.2	.26
May													
28...	.04	.12	<1.0	<1.2	10	146	E.06	.11	8.6	23.5	.3	.3	.51
Jun													
16...	.07	.64	E.54	1.3	15	660	<.08	1.25	7.0	83.7	.3	.2	.44
Jul													
10...	.05	.72	E.59	1.3	13	870	.08	1.40	5.0	90.3	.2	.2	.52
Aug													
07...	.04	.06	<1.0	<1.2	<8	55	<.08	.06	7.0	12.9	.3	.3	.25
11...	.07	.28	E.81	E.92	17	316	<.08	.46	4.7	35.6	.3	.3	.64
Sep													
04...	.07	.98	E.84	2.0	29	1,180	<.08	1.85	5.4	122	.3	.2	.80
15...	.06	.58	E.53	1.3	9	709	<.08	1.04	5.6	75.3	.2	.2	.76

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 7 of 8
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Nickel, water, unfltrd recover -able, µg/L (01067)	Selen- ium, water, fltrd, µg/L (01145)	Selen- ium, water, unfltrd µg/L (01147)	Silver, water, fltrd, µg/L (01075)	Silver, water, unfltrd recover -able, µg/L (01077)	Thall- ium, water, fltrd, µg/L (01057)	Thall- ium, water, unfltrd µg/L (01059)	Vana- dium, water, fltrd, µg/L (01085)	Vanad- dium, water, unfltrd µg/L (01087)	Zinc, water, fltrd, µg/L (01090)	Zinc, water, unfltrd recover -able, µg/L (01092)	Suspnd. sedi- ment, sieve diametr percent <62.5um (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)
Oct													
04...	.48	.34	.27	<.1	<.02	<.04	<.08	.44	<1	<1.8	E1.1	93	7
09...	2.5	.29	.26	<.1	<.02	<.04	<.08	.41	M	<1.8	<2.0	65	6
Dec													
04...	.14	.30	.23	<.1	<.02	<.04	<.08	.23	<1	<1.8	<2.0	48	8
13...	.19	.30	.29	<.1	<.02	<.04	<.08	.24	<1	9.1	E1.8	100	<.5
Jan													
10...	E.11	.29	.27	<.1	<.02	<.04	<.08	.24	<1	<1.8	<2.0	83	2
Feb													
18...	2.4	.39	.40	<.1	E.01	<.04	<.08	.30	2	1.8	5.9	89	80
Mar													
19...	8.0	.26	.37	<.1	.04	<.04	E.04	.50	9	<1.8	18.5	75	473
Apr													
01...	3.0	.28	.29	<.1	E.02	<.04	E.06	.41	3	E.93	7.2	82	142
10...	13.0	.22	.39	<.1	.08	<.04	.09	.65	12	2.5	33.7	70	911
22...	.37	.28	.11	<.1	<.02	<.04	<.08	.27	M	<1.8	<2.0	97	9
May													
28...	.66	.17	.17	<.1	<.02	<.04	<.08	.35	<1	3.0	E1.1	98	10
Jun													
16...	1.2	.18	.17	<.1	<.02	<.04	<.08	.58	1	E1.6	3.8	93	62
Jul													
10...	1.8	.21	.24	<.1	E.01	<.04	<.08	.51	2	2.0	5.1	39	145
Aug													
07...	.24	.20	.24	<.1	<.02	<.04	<.08	.46	M	E1.1	<2.0	9	3
11...	.85	.27	.25	<.1	<.02	<.04	<.08	.56	M	1.8	E1.9	89	20
Sep													
04...	2.3	.26	.24	<.1	<.02	<.04	<.08	.59	3	<1.8	4.8	85	95
15...	1.3	.27	.23	<.1	<.02	<.04	<.08	.44	1	<1.8	3.1	72	62

07197000 BARON FORK AT ELDON, OK—Continued

WATER-QUALITY DATA WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 8 of 8

[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Suspended sediment discharge, tons/d (80155)
Oct	
04...	10
09...	3.7
Dec	
04...	1.0
13...	--
Jan	
10...	1.2
Feb	
18...	384
Mar	
19...	2,200
Apr	
01...	776
10...	56,600
22...	12
May	
28...	14
Jun	
16...	163
Jul	
10...	609
Aug	
07...	1.2
11...	34
Sep	
04...	439
15...	205