



Water-Data Report 2008

04043190 West Branch Huron River near McComb Corner, MI

Southcentral Lake Superior Basin
Dead-Kelsey Subbasin

LOCATION.--Lat 46°48'23", long 88°05'15" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.22, T.51 N., R.30 W., Baraga County, MI, Hydrologic Unit 04020105.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water year 2008.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft³/s
Apr 28, 2008	34.8
Jun 24, 2008	3.92
Aug 12, 2008	2.79

04043190 West Branch Huron River near McComb Corner, MI—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April to August 2008.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 5

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

Date	Time	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd, μ S/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-
													linity, wat flt inf tit field, mg/L as CaCO3 (39086)
Apr 28...	1750	11.9	95	7.6	42	4.5	18	4	5.09	1.23	.45	.65	14
Jun 24...	1500	8.9	95	8.1	117	17.0	57	4	16.8	3.78	.59	1.34	54
Aug 12...	1600	12.5	134	8.3	131	16.5	66	5	19.3	4.24	.61	1.48	62

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 5

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Date	Bicarbonate, wat flt infl pt titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, dis-solved, tons/d (70302)	Residue evap. at 180degC wat flt mg/L (70300)	Ammonia org-N, water, fltrd, mg/L as N (00623)	Ammonia org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
Jun 24...	65	.27	<.12	8.45	4.70	.11	.83	79	.17	E.12	<.020	.09	<.002
Aug 12...	74	.34	<.12	9.63	5.11	.12	.65	86	E.12	E.11	<.020	.09	<.002

04043190 West Branch Huron River near McComb Corner, MI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 5

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Date	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd, mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd, mg/L as P (00665)	Aluminum, water, fltrd, µg/L (01106)	Antimony, water, fltrd, µg/L (01095)	Arsenic, water, fltrd, µg/L (01000)	Barium, water, fltrd, µg/L (01005)	Beryllium, water, fltrd, µg/L (01010)	Cadmium, water, fltrd, µg/L (01025)	Chromium, water, fltrd, µg/L (01030)	Cobalt, water, fltrd, µg/L (01035)
Apr 28...	.34	.39	E.003	E.004	.011	79.9	<.14	.28	5	M	E.03	.22	.05
Jun 24...	.26	E.21	<.006	<.006	<.008	15.6	<.14	.62	9	<.01	<.04	E.11	.04
Aug 12...	E.21	E.20	E.006	<.006	<.008	12.9	<.14	.68	9	<.01	<.04	E.11	.03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 5

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Date	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Manganese, water, fltrd, µg/L (01056)	Mercury, water, fltrd, µg/L (71890)	Mercury, water, unfltrd, ng/L (50286)	Molybdenum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Selenium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Zinc, water, fltrd, µg/L (01090)	Methylmercury, water, unfltrd, ng/L (50284)	Uranium natural, water, fltrd, µg/L (22703)
Apr 28...	1.1	71	.09	5.1	<.010	--	E.1	.47	.06	<.1	2.3	--	.03
Jun 24...	1.0	41	<.08	1.9	<.010	--	.3	.47	.05	<.1	2.2	--	.08
Aug 12...	<1.0	49	E.07	1.3	--	1.03	.4	.38	.05	<.1	3.4	.23	.09

04043190 West Branch Huron River near McComb Corner, MI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO
SEPTEMBER 2008

Part 5 of 5

[Remark codes: <, less than; E, estimated;
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Date	Suspnd. sedi- ment, sieve diametr percent <62.5um (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
Apr 28...	36	8	.76
Jun 24...	8	3	.03
Aug 12...	33	1	.01