

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued  
(National Water-Quality Assessment Program)

## WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996 to current year.

PERIOD OF DAILY RECORD:

WATER TEMPERATURES.-- April 1996 to September 1998.

SPECIFIC CONDUCTANCE.-- April 1996 to September 1998.

REMARKS.-- Additional water-quality data for this site are available at: URL <http://water.usgs.gov/mn/nwis/qw>

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unflab, uS/cm 25 degC (90095)	Specif. conductance, wat unfl 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)		
Date														
OCT														
02...	1100	Environmental	8.8	740	4.7	47	7.3	--	457	16.0	13.9	187		
02...	1105	Environmental	8.8	740	4.7	47	7.3	--	457	16.0	13.9	--		
NOV														
13...	1010	Environmental	28	736	12.2	89	8.6	--	706	3.0	1.7	285		
13...	1015	Blank	--	--	--	--	--	E4	--	--	--	--		
DEC														
26...	1025	Environmental	11	744	14.0	98	7.8	--	820	-4.0	-0.2	321		
JAN														
14...	1130	Environmental	5.6	749	14.6	102	7.6	--	946	-5.0	-0.2	346		
FEB														
12...	1125	Environmental	0.40	744	5.8	41	7.4	--	1,100	-1.0	-0.1	482		
APR														
09...	1050	Environmental	44	745	12.2	93	8.2	--	636	4.5	3.1	244		
09...	1055	Environmental	44	745	12.2	93	8.2	--	636	4.5	3.1	244		
MAY														
06...	1100	Environmental	67	735	9.6	89	8.0	--	656	20.0	10.2	249		
JUN														
19...	1030	Environmental	51	738	7.4	86	8.1	--	632	25.0	21.0	238		
19...	1035	Spike	--	--	--	--	--	--	--	--	--	--		
JUL														
22...	1015	Blank	--	--	--	--	--	--	--	--	--	--		
22...	1120	Environmental	26	742	6.9	79	8.2	--	647	19.5	21.1	248		
AUG														
06...	1125	Environmental	2.3	741	5.7	66	7.7	--	485	24.5	21.1	198		
06...	1130	Replicate	--	--	--	--	--	--	--	--	--	--		
Date		Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	2,6-Diethyl-aniline water fltrd 0.7u GF (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)
OCT														
02...	228	0.0	19.5	20.4	1.6	<0.04	<0.06	<0.008	0.12	0.28	<0.006	E.035	<0.006	
02...	--	--	--	--	--	--	--	--	--	--	--	--	--	
NOV														
13...	340	4	17.2	35.2	0.81	<0.04	11.7	0.074	<0.02	0.054	--	--	--	
13...	--	--	0.23	<0.2	<0.10	<0.04	<0.06	<0.008	<0.02	E.002	--	--	--	
DEC														
26...	392	0.0	24.1	42.4	0.89	<0.04	12.3	0.038	<0.02	0.043	--	--	--	
JAN														
14...	422	0.0	29.2	48.5	0.97	0.05	14.0	0.056	0.02	0.058	--	--	--	
FEB														
12...	581	0.0	33.1	66.5	1.4	0.45	9.65	0.085	0.12	0.158	<0.006	E.021	<0.006	
APR														
09...	298	0.0	18.7	33.6	1.1	<0.04	9.49	0.051	0.02	0.100	<0.006	E.017	0.007	
09...	298	0.0	--	--	--	--	--	--	--	--	--	--	--	
MAY														
06...	292	6	17.2	30.1	1.4	<0.04	11.2	0.054	<0.02	0.128	<0.006	E.016	0.144	
JUN														
19...	290	0.0	17.0	22.5	1.6	E.04	12.0	0.097	0.03	0.24	<0.006	E.030	0.022	
19...	--	--	--	--	--	--	--	--	--	--	0.112	E.089	0.170	
JUL														
22...	--	--	--	--	--	--	--	--	--	--	<0.006	<0.006	<0.006	
22...	299	2	15.9	25.4	1.9	E.04	8.59	0.055	0.07	0.22	<0.006	E.031	0.010	
AUG														
06...	242	0.0	19.9	26.0	0.95	<0.04	0.15	0.015	<0.02	0.099	<0.006	E.023	<0.006	
06...	--	--	--	--	--	--	--	--	--	--	<0.006	E.022	<0.006	

## 05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azin-phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)
OCT 02...	<0.004	<0.005	0.093	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--
OCT 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 12...	<0.004	<0.005	0.039	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
APR 09...	<0.004	<0.005	0.029	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
APR 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 06...	<0.004	<0.005	0.054	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
JUN 19...	<0.004	<0.005	0.119	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
JUN 19...	0.139	0.128	0.239	E.096	0.082	0.103	E.102	E.126	0.114	0.063	0.130	0.105	<0.004
JUL 22...	<0.004	<0.005	<0.007	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
JUL 22...	<0.004	<0.005	0.307	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004
AUG 06...	<0.004	<0.005	0.148	<0.050	<0.010	<0.002	<0.041	<0.020	0.007	<0.006	<0.018	<0.003	<0.004
AUG 06...	<0.004	<0.005	0.148	<0.050	<0.010	<0.002	<0.041	<0.020	0.007	<0.006	<0.018	<0.003	<0.004

  

Date	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)
OCT 02...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035
OCT 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 12...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
APR 09...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
APR 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 06...	<0.005	<0.005	<0.02	<0.045	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
JUN 19...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
JUN 19...	0.141	0.117	0.05	0.093	0.103	0.097	<0.009	<0.005	<0.005	<0.007	0.131	0.136	0.164
JUL 22...	<0.005	<0.005	<0.02	<0.007	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
JUL 22...	<0.005	<0.005	<0.02	<0.005	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
AUG 06...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035
AUG 06...	<0.005	<0.005	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035

## 05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prometon, water, fltrd, ug/L (04037)	Pronamide, water, fltrd 0.7u GF ug/L (82676)
OCT 02...	<0.042	<0.006	0.032	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004
OCT 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 12...	<0.027	<0.006	0.027	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004
APR 09...	<0.027	<0.006	0.031	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004
APR 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 06...	<0.027	<0.006	0.056	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004
JUN 19...	<0.027	<0.006	0.027	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004
JUN 19...	0.096	0.108	0.160	0.111	0.111	0.121	0.068	0.161	0.102	0.108	0.079	0.12	0.119
JUL 22...	<0.027	<0.006	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004
JUL 22...	<0.027	<0.006	0.043	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	M	<0.004
AUG 06...	<0.027	<0.006	0.023	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	M	<0.004
AUG 06...	<0.027	<0.006	0.023	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	M	<0.004

Date	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	Tri-allate, water, fltrd 0.7u GF ug/L (82678)	Tri-fluralin, water, fltrd 0.7u GF ug/L (82661)	Suspended sediment concentration mg/L (80154)
OCT 02...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	58
OCT 02...	--	--	--	--	--	--	--	--	--	--	--
NOV 13...	--	--	--	--	--	--	--	--	--	--	61
NOV 13...	--	--	--	--	--	--	--	--	--	--	--
DEC 26...	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	99
FEB 12...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	124
APR 09...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	57
APR 09...	--	--	--	--	--	--	--	--	--	--	--
MAY 06...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	138
JUN 19...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--
JUN 19...	0.141	0.128	0.11	0.101	0.14	E.105	0.08	0.139	0.130	0.084	--
JUL 22...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--
JUL 22...	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--
AUG 06...	<0.010	<0.011	<0.02	0.006	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--
AUG 06...	<0.010	<0.011	<0.02	0.006	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--

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