

## MINNESOTA RIVER BASIN

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

## WATER QUALITY RECORDS

PERIOD OF RECORD.--April 1996 to Sept. 30, 1999, June 2001 to current year.

PERIOD OF DAILY RECORD:

WATER TEMPERATURES.-- April 1996 to September 1998.

SPECIFIC CONDUCTANCE.-- April 1996 to September 1998.

INSTRUMENTATION.--Water-quality monitor since April 1996, provides continuous recordings. Sensor located at gage.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE TYPE	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATUR-ATION (00301)	PH WATER WHOLE (STAND-ARD) (00400)	PH WATER WHOLE (STAND-ARD) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (90095)	SPE-CIFIC CON-DUCT-ANCE (00095)	TEMPER-ATURE AIR (DEG C) (00020)	
MAR 05...	1200	ENVIRONMENTAL	4.81	0.71	747	6.3	44	7.3	7.6	849	832	-6.0	
APR 05...	1110	ENVIRONMENTAL	12.16	2190	737	11.2	84	7.0	7.4	199	181	8.0	
MAY 04...	1145	ENVIRONMENTAL	7.64	225	745	9.9	95	8.1	8.1	594	572	16.0	
JUN 29...	1145	ENVIRONMENTAL	6.78	150	737	6.2	62	7.9	7.9	555	556	--	
DATE	TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HC03) (00453)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR 05...	.2	86.4	33.2	3.23	26.9	328	400	0	37.0	.3	22.9	57.8	522
APR 05...	3.0	23.2	6.56	3.28	2.3	57	70	0	4.5	.2	11.4	7.3	131
MAY 04...	12.6	75.0	23.5	2.04	8.5	211	257	0	13.9	.5	17.7	29.7	382
JUN 29...	24.5	75.5	23.2	2.30	7.6	205	250	0	10.4	.5	26.4	20.9	357
DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)
MAR 05...	.511	1.1	1.00	1.01	.008	.145	.130	.166	20	164	<.002	<.004	<.007
APR 05...	.327	1.00	1.8	4.14	.065	.385	.352	.520	10	32.0	<.002	.035	.069
MAY 04...	<.041	.82	1.3	12.8	.041	.033	E.016	.137	<10	4.0	<.002	.285	<.004
JUN 29...	.052	.91	1.3	11.5	.084	.165	.125	.346	<10	E3.0	<.002	.320	<.020
DATE	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA, WATER, FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DIAZ-INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (UG/L) (91063)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
MAR 05...	<.005	.028	<.010	<.002	<.041	<.040	<.005	<.018	<.003	E.007	100	<.005	<.005
APR 05...	<.005	.082	<.010	<.002	<.041	<.020	<.060	<.080	<.003	E.027	117	<.005	<.005
MAY 04...	<.005	.063	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.025	105	<.005	<.005
JUN 29...	<.005	.920	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.036	111	<.005	<.005

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	DISUL-FOTON WATER FLTRD 0.7 U (UG/L) (82677)	EPTC WATER FLTRD 0.7 U (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	HCH ALPHA D6 SRG WAT FLT 0.7 U (UG/L) (91065)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER (UG/L) (82630)
MAR 05...	<.021	<.020	<.009	<.005	<.003	92	<.004	<.035	<.027	<.050	<.006	.041	<.006
APR 05...	<.021	<.002	<.009	<.005	<.003	101	<.004	<.035	<.027	<.050	<.006	.156	<.006
MAY 04...	<.021	.030	<.009	<.005	<.003	87	<.004	<.035	<.027	<.050	<.006	.075	<.006
JUN 29...	<.021	<.030	<.009	<.005	<.003	94	<.004	<.035	<.027	<.050	<.006	.179	<.006

  

DATE	MOL-INATE WATER FLTRD 0.7 U (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L) (82685)
MAR 05...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.002	<.004	<.010	<.011	<.023
APR 05...	<.002	<.007	<.007	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023
MAY 04...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023
JUN 29...	<.002	<.007	<.003	<.007	<.002	E.006	<.006	<.011	<.015	<.004	<.010	<.011	<.023

  

DATE	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L) (82678)	TRI-ALIN WAT FLT 0.7 U (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	DATA BASE NUMBER
MAR 05...	<.011	<.016	<.034	<.017	<.005	<.002	<.009	39	171	01
APR 05...	<.011	<.016	<.034	<.017	<.005	<.002	E.004	60	129	01
MAY 04...	<.011	<.016	<.034	<.017	<.005	<.002	<.009	100	215	01
JUN 29...	E.004	<.016	<.034	<.017	<.005	<.002	<.009	94	174	01

  

DATE	TIME	SAMPLE TYPE	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)
JUL 24...	1131	SPIKE	.120	.216	.138	.104	.380	.138	.133	E.214	E.218	.125

  

DATE	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DIAZ-INON D10 SRG WAT FLT 0.7 U PERCENT (91063)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U (UG/L) (82677)	EPTC WATER FLTRD 0.7 U (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	HCH ALPHA WAT FLT 0.7 U PERCENT (91065)	LINDANE DIS-SOLVED (UG/L) (39341)
JUL 24...	.158	.150	E.128	97	.122	.099	.068	.123	.145	.146	.122	90	.110



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DATE	DISUL-FOTON WATER FLTRD 0.7 U (UG/L) (82677)	EPTC WATER FLTRD 0.7 U (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U (UG/L) (82672)	FONOFOS WATER DISS (UG/L) (04095)	HCH ALPHA D6 SRG WAT FLT 0.7 U (PERCENT) (91065)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
JUL 24...	<.021	<.007	<.009	<.005	<.003	90	<.004	<.035	<.027	<.050	<.006	.061	<.006
AUG 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
DATE	MOL-INATE WATER FLTRD 0.7 U (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FLTRD 0.7 U (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L) (82683)	PER-METHRIN WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	PRO-METON, WATER, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U (UG/L) (82676)	PROPA-CHLOR, WATER, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L) (82685)
JUL 24...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.003	<.004	<.010	<.011	<.023
AUG 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
DATE	SI-MAZINE, WATER, DISS, (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U (UG/L) (82665)	TER-UFOS WATER FLTRD 0.7 U (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDE (MG/L) (80154)	DATA BASE NUMBER			
JUL 24...	<.011	<.016	<.034	<.017	<.005	<.002	<.009	94	116	01			
AUG 09...	--	--	--	--	--	--	--	100	43	01			
DATE	TIME	SAMPLE TYPE	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	CALCIUM DIS-SOLVED (MG/L) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L) (00935)	SODIUM, DIS-SOLVED (MG/L) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) (00950)	SILICA, DIS-SOLVED (MG/L) AS (00955)	SULFATE DIS-SOLVED (MG/L) AS (00945)	
AUG 09...	1101	REPLICATE		8.3	503	59.6	23.8	2.42	11.0	16.5	.5	30.9	42.9
DATE	TIME	SAMPLE TYPE	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	IRON, DIS-SOLVED (UG/L) AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L) AS MN) (01056)	DATA BASE NUMBER					
AUG 09...					333	<10	8.2	77					