05422000 WAPSIPINICON RIVER NEAR DE WITT, IA

Upper Mississippi-Skunk-Wapsipinicon Basin
Lower Wapsipinicon Subbasin

LOCATION.--Lat 41°46′01″, long 90°32′05″ referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.6, T.80 N., R.4 W., Clinton County, IA, Hydrologic Unit 07080103, on left bank 5 ft upstream from bridge on State Highway 956, 0.9 mi downstream from Silver Creek, 4.0 mi south of water tower in De Witt, 6.2 mi upstream from Brophy Creek, and 18.2 mi upstream from mouth.

DRAINAGE AREA.--2,336 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1934 to current year.

REVISED RECORDS.--WSP 1308: 1937 (M). WSP 1438: Drainage area. WSP 1708: 1951.

GAGE.--Water-stage recorder. Datum of gage is 598.81 ft above NGVD of 1929.

REMARKS.--Records are considered good, except for those estimated daily discharges, which are poor. U.S. Army Corps of Engineers rain gage and data collection platform with satellite telemetry at station. Precipitation records are available online at the U.S. Army Corps of Engineers website: www2.mvr.usace.army.mil/WaterControl/datamining2.cfm.

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	533	731	1,660	2,390	e868	e1,460	8,780	7,510	2,480	1,830	1,190	9,660
2	496	713	1,820	2,290	e856	e1,640	8,870	7,220	3,170	1,650	1,090	10,600
3	472	695	e1,770	2,240	e853	e1,810	8,140	6,600	4,240	1,520	1,010	9,970
4	460	670	e1,560	2,280	e845	e1,670	7,570	5,870	4,430	5,840	944	7,430
5	453	648	e1,130	2,400	e834	e1,500	7,530	5,080	5,060	7,280	897	4,590
6	437	628	e1,190	2,500	e842	e1,420	7,570	4,270	5,340	3,990	854	3,660
7	417	611	e1,180	2,530	e835	e1,340	7,820	3,730	5,470	2,400	847	3,220
8	400	601	e956	2,520	e828	e1,360	8,260	3,400	5,360	1,870	892	2,840
9	381	589	e971	2,430	e842	e1,470	9,050	3,120	5,180	1,660	951	2,650
10	368	601	e1,040	2,270	e824	e2,150	10,000	2,890	5,020	3,330	1,000	2,380
11	373	649	e1,100	2,140	e834	e2,900	10,100	2,690	4,740	2,350	1,000	2,190
12	371	717	e1,250	2,020	e837	e3,600	8,930	2,510	4,140	1,610	966	2,030
13	367	713	e1,530	1,910	e843	4,460	7,100	2,340	3,460	1,340	873	1,970
14	369	679	1,630	e1,570	e821	5,460	5,750	2,210	2,960	1,190	883	1,950
15	364	642	1,470	e1,330	e816	5,160	5,160	2,110	2,620	1,090	920	1,900
16	366	655	1,380	e1,050	e821	5,670	4,910	2,020	2,350	1,010	926	1,840
17	399	639	1,310	e819	e840	6,170	4,780	1,910	2,160	1,120	838	1,810
18	390	637	1,260	e830	e830	6,630	4,590	1,800	2,000	2,100	819	1,730
19	382	650	1,210	e875	e833	6,950	4,360	1,720	1,960	2,400	817	1,600
20	378	663	1,180	e909	e844	6,740	4,090	1,640	1,840	2,340	914	1,510
21	371	662	1,720	e970	e858	6,280	3,820	1,570	1,740	2,340	1,130	1,460
22	396	652	2,990	e993	e1,190	6,330	3,550	1,500	1,800	2,380	1,460	1,430
23	421	640	2,850	e973	e1,450	6,860	3,310	1,420	2,150	2,300	4,330	1,450
24	442	633	2,690	e940	e1,310	7,500	3,120	1,350	3,580	2,150	7,330	1,440
25	472	622	2,740	e928	e1,190	6,670	4,030	1,300	3,180	1,950	8,820	1,450
26	511	617	2,790	e955	e1,340	5,990	6,200	1,310	2,760	1,770	9,590	1,650
27	587	622	2,750	e928	e1,410	5,590	7,880	1,440	2,740	1,660	8,340	1,910
28	679	804	2,650	e887	e1,280	5,490	8,520	1,850	3,450	1,600	7,620	1,670
29	689	1,170	2,500	e887	---	5,550	8,090	2,140	2,540	1,550	7,530	1,520
30	720	1,530	2,340	e883	---	6,080	7,630	2,350	2,100	1,440	7,810	1,430
31	741	---	2,280	e872	---	7,630	---	2,460	---	1,310	8,450	---
Total	14,205	21,083	54,897	47,519	26,774	139,530	199,510	89,330	100,020	68,370	91,041	90,940
Mean	458	703	1,771	1,533	956	4,501	6,650	2,882	3,334	2,205	2,937	3,031
Max	741	1,530	2,990	2,530	1,450	7,630	10,100	7,510	5,470	7,280	9,590	10,600
Min	364	589	956	819	816	1,340	3,120	1,300	1,740	1,010	817	1,430
Ac-ft	28,180	41,820	108,900	94,250	53,110	276,800	395,700	177,200	198,400	135,600	180,600	180,400
Cfsm	0.20	0.30	0.76	0.66	0.41	1.93	2.85	1.23	1.43	0.94	1.26	1.30
In.	0.23	0.34	0.87	0.76	0.43	2.22	3.18	1.42	1.59	1.09	1.45	1.45

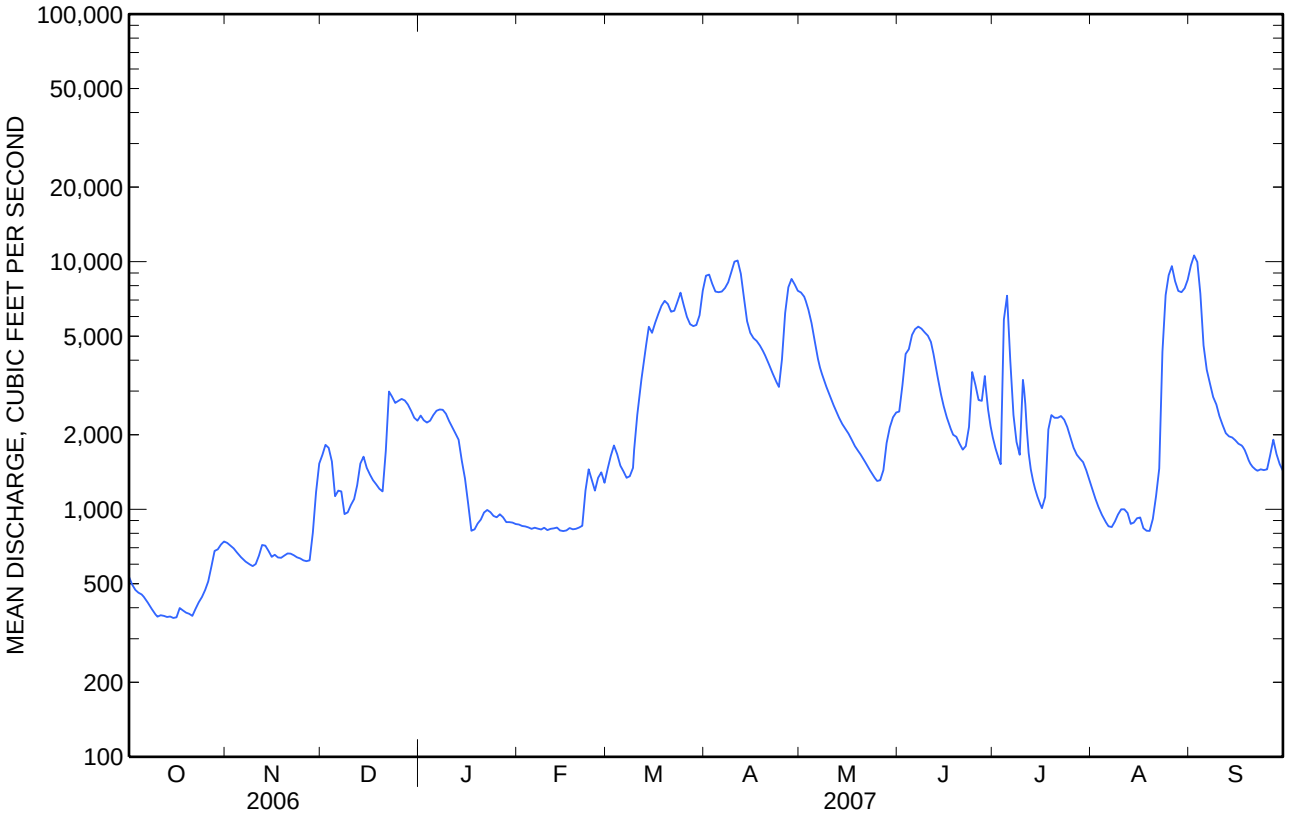
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	904	1,081	904	828	1,255	2,915	3,037	2,500	2,557	1,792	1,151	1,022
Max	3,549	6,435	4,945	4,086	3,798	7,137	9,768	6,854	10,950	14,280	8,550	5,647
(WY)	(1973)	(1962)	(1983)	(1946)	(1984)	(1986)	(1993)	(1999)	(1947)	(1993)	(1993)	(1993)
Min	137	159	104	59.4	104	301	453	323	234	165	103	133
(WY)	(1977)	(1965)	(1977)	(1977)	(1940)	(1954)	(1977)	(1977)	(1977)	(1936)	(1936)	(1976)

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1935 - 2007	
Annual total	506,515		943,219			
Annual mean	1,388		2,584		1,662	
Highest annual mean					5,461	1993
Lowest annual mean					374	1989
Highest daily mean	6,460	May 10	10,600	Sep 2	30,100	May 30, 2004
Lowest daily mean	364	Oct 15	364	Oct 15	46	Jan 22, 1977
Annual seven-day minimum	368	Oct 10	368	Oct 10	47	Jan 18, 1977
Maximum peak flow			10,800	Sep 2	31,500	May 30, 2004
Maximum peak stage			12.36	Sep 2	14.19	Jun 17, 1990
Instantaneous low flow			355	Oct 16		
Annual runoff (ac-ft)	1,005,000		1,871,000		1,204,000	
Annual runoff (cfsm)	0.594		1.11		0.712	
Annual runoff (inches)	8.07		15.02		9.67	
10 percent exceeds	3,180		6,790		3,950	
50 percent exceeds	970		1,650		922	
90 percent exceeds	462		635		242	



WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2003 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 7

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, cfs (00061)	Stream width, feet (00004)	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, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)
Oct													
10...	1310	369	210	745	13.1	132	8.9	373	14.6	138	163	2	22.5
Nov													
14...	1200	682	217	738	14.6	118	8.5	529	4.8	200	E243	E.0	23.9
Dec													
11...	1500	E1,300	130	746	15.0	106	8.3	606	.2	199	242	.0	27.0
Jan													
08...	0945	2,520	220	740	13.7	101	7.8	547	1.9	170	206	.0	27.3
Feb													
14...	1145	E1,440	--	751	12.4	86	7.9	528	.1	205	250	.0	25.0
Mar													
13...	1315	4,360	230	741	12.4	96	7.6	330	3.4	105	128	.0	13.2
Apr													
12...	1300	8,850	270	737	11.0	87	8.2	450	4.2	136	165	.0	21.5
May													
15...	1300	2,110	240	741	9.8	112	8.5	448	20.6	171	205	1	22.0
Jun													
11...	1430	4,690	260	--	8.5	--	8.1	493	22.2	147	176	1	21.5
Jul													
09...	1330	1,570	140	746	12.0	151	8.5	465	25.7	185	221	2	19.8
Aug													
13...	1245	864	219	753	11.2	148	8.8	330	28.9	108	126	3	19.4
Sep													
11...	0900	2,210	240	744	8.4	93	8.3	476	19.0	202	241	2	18.2

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 7
[Remark codes: <, less than; E, estimated.]

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	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)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat flt by analysis, mg/L (62854)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)
Oct													
10...	E.2	27.8	E.015	1.73	.012	1.42	3.94	3.54	E.003	.007	.143	11.9	.7
Nov													
14...	4.8	29.7	<.020	5.38	.011	.41	5.94	5.95	E.004	.009	.089	2.4	<.1
Dec													
11...	10.7	28.5	.045	10.4	.015	.14	11.7	12.0	.036	.048	.097	1.5	.3
Jan													
08...	9.6	26.5	.021	10.8	.012	.26	12.2	12.0	.038	.048	.148	2.7	.4
Feb													
14...	11.9	32.4	.101	6.87	.013	.03	7.47	7.68	.026	.033	.055	.3	<.1
Mar													
13...	7.8	16.7	.841	5.01	.027	1.25	8.24	9.15	.236	.305	.64	12.0	.4
Apr													
12...	10.5	21.6	E.013	10.1	.025	.14	10.8	11.2	.061	.077	.169	1.4	<.1
May													
15...	1.2	25.6	<.020	7.57	.019	.75	8.01	9.00	E.004	.007	.176	6.0	.3
Jun													
11...	11.3	18.9	<.020	13.2	.028	.42	14.4	14.2	.056	.081	.263	4.7	<.1
Jul													
09...	7.6	26.3	<.020	5.77	.038	.97	6.35	7.32	.023	.034	.258	6.5	.2
Aug													
13...	.5	23.3	<.020	1.31	.028	2.27	1.77	3.83	.007	.017	.38	22.3	4.4
Sep													
11...	11.3	20.9	<.020	4.19	.013	.59	4.41	5.15	.044	.055	.264	4.5	<.1

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 7
[Remark codes: <, less than; E, estimated.]

Date	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a phyto-plank-ton, fluoro, µg/L (70953)	Pheo-phytin a, phyto-plank-ton, µg/L (62360)	2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660)	CIAT, water, fltrd, µg/L (04040)	Aceto-chlor, water, fltrd, µg/L (49260)	Ala-chlor, water, fltrd, µg/L (46342)	alpha-HCH, water, fltrd, µg/L (34253)	Atra-zine, water, fltrd, µg/L (39632)	Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673)	Butyl-ate, water, fltrd, µg/L (04028)
Oct													
10...	11.2	2.7	103	45.3	<.002	E.056	.017	<.005	<.002	.072	<.080	<.006	<.002
Nov													
14...	2.4	2.3	38.9	14.4	<.002	E.059	.014	<.005	<.002	.073	<.080	<.006	<.002
Dec													
11...	1.2	2.2	4.8	4.3	<.002	E.069	.033	<.005	<.002	.087	<.080	<.006	<.002
Jan													
08...	2.3	2.3	5.9	7.0	<.002	E.067	.023	.005	<.002	.062	<.080	<.006	<.002
Feb													
14...	.3	1.7	2.1	.7	E.001	E.057	.007	<.005	<.002	.053	<.080	<.006	<.002
Mar													
13...	11.7	7.5	9.6	13.8	<.002	E.036	.054	<.005	<.002	.075	<.080	<.006	<.002
Apr													
12...	1.4	3.7	4.0	2.0	<.002	E.055	.026	.005	<.002	.057	<.080	<.006	<.002
May													
15...	5.7	2.9	98.8	28.5	<.002	E.065	.105	<.005	<.002	.187	<.080	<.006	<.002
Jun													
11...	4.6	4.2	26.8	9.5	<.002	E.197	.329	E.004	<.002	1.28	<.080	<.006	<.002
Jul													
09...	6.3	2.9	E90.8	E46.3	<.002	E.086	.029	<.005	<.002	.284	<.080	<.006	<.002
Aug													
13...	17.9	3.5	327	181	<.002	E.055	.007	<.005	<.002	.134	<.080	<.006	<.002
Sep													
11...	4.4	4.2	91.8	34.6	<.002	E.074	.011	<.005	<.002	.085	<.080	<.006	<.002

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 7
[Remark codes: <, less than; E, estimated.]

Date	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbofuran, water, fltrd 0.7u GF µg/L (82674)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	Cyanazine, water, fltrd, µg/L (04041)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dieldrin, water, fltrd, µg/L (39381)	Disulfoton, water, fltrd 0.7u GF µg/L (82677)	EPTC, water, fltrd 0.7u GF µg/L (82668)	Ethalfluralin, water, fltrd 0.7u GF µg/L (82663)	Ethoprop, water, fltrd 0.7u GF µg/L (82672)
Oct													
10...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Nov													
14...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Dec													
11...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Jan													
08...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Feb													
14...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Mar													
13...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Apr													
12...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
May													
15...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Jun													
11...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.023	<.02	<.002	<.009	<.012
Jul													
09...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Aug													
13...	<.060	<.020	.006	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012
Sep													
11...	<.060	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.002	<.009	<.012

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 7
[Remark codes: <, less than; E, estimated.]

Date	Desulf-inyl-fipro-nil amide, wat flt µg/L (62169)	Fipro-nil sulfide water, fltrd, µg/L (62167)	Fipro-nil sulfone water, fltrd, µg/L (62168)	Fipro-nil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Lindane water, fltrd, µg/L (39341)	Linuron water, fltrd 0.7u GF µg/L (82666)	Mala-thion, water, fltrd, µg/L (39532)	Methyl para-thion, water, fltrd 0.7u GF µg/L (82667)	Metola-chlor, water, fltrd, µg/L (39415)	Metri-buzin, water, fltrd, µg/L (82630)	Moli-nate, water, fltrd 0.7u GF µg/L (82671)	Naprop-amide, water, fltrd 0.7u GF µg/L (82684)
Oct													
10...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.053	<.012	<.002	<.018
Nov													
14...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.075	<.012	<.002	<.018
Dec													
11...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.107	<.012	<.002	<.018
Jan													
08...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.075	<.012	<.002	<.018
Feb													
14...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.052	<.012	<.002	<.018
Mar													
13...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.385	<.012	<.002	<.018
Apr													
12...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.081	<.012	<.002	<.018
May													
15...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.113	<.012	<.002	<.018
Jun													
11...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.258	<.012	<.002	<.018
Jul													
09...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.140	<.012	<.002	<.018
Aug													
13...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.046	<.012	<.002	<.018
Sep													
11...	<.029	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	.048	<.012	<.002	<.018

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 6 of 7
[Remark codes: <, less than; E, estimated.]

Date	p,p'-DDE, water, fltrd, µg/L (34653)	Parathion, water, fltrd, µg/L (39542)	Pebulate, water, fltrd 0.7u GF µg/L (82669)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)	Phorate water, fltrd 0.7u GF µg/L (82664)	Prometon, water, fltrd, µg/L (04037)	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Propachlor, water, fltrd, µg/L (04024)	Propanil, water, fltrd 0.7u GF µg/L (82679)	Propargite, water, fltrd 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Terbacil, water, fltrd 0.7u GF µg/L (82665)
Oct													
10...	<.003	<.010	<.004	<.020	<.020	.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Nov													
14...	<.003	<.010	<.004	<.020	<.020	.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Dec													
11...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Jan													
08...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Feb													
14...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Mar													
13...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040
Apr													
12...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	E.005	<.02	<.040
May													
15...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	.006	<.02	<.040
Jun													
11...	<.003	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	.011	<.02	<.040
Jul													
09...	<.003	<.010	<.004	<.020	<.020	.01	<.004	<.010	<.011	<.02	.014	<.02	<.040
Aug													
13...	<.003	<.010	<.004	<.020	<.020	.01	<.004	<.010	<.011	<.02	E.003	E.01	<.040
Sep													
11...	<.003	<.010	<.004	<.020	<.020	.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040

05422000 WAPSIPINICON RIVER NEAR DE WITT, IA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 7 of 7
[Remark codes: <, less than; E, estimated.]

Date	Terbufos, water, fltrd 0.7u GF µg/L (82675)	Thiobencarb water, fltrd 0.7u GF µg/L (82681)	Triallate, water, fltrd 0.7u GF µg/L (82678)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Suspended sediment concentration mg/L (80154)	Number of sampling points, count (00063)
Oct						
10...	<.01	<.010	<.006	<.006	29	10
Nov						
14...	<.01	<.010	<.006	<.006	--	10
Dec						
11...	<.01	<.010	<.006	<.006	102	14
Jan						
08...	<.01	<.010	<.006	<.006	83	10
Feb						
14...	<.01	<.010	<.006	<.006	19	1
Mar						
13...	<.01	<.010	<.006	<.006	190	10
Apr						
12...	<.01	<.010	<.006	<.006	104	10
May						
15...	<.01	<.010	<.006	<.006	90	9
Jun						
11...	<.01	<.010	<.006	<.006	183	10
Jul						
09...	<.01	<.010	<.006	<.006	77	9
Aug						
13...	<.01	<.010	<.006	<.006	278	10
Sep						
11...	<.01	<.010	<.006	<.006	93	9