02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March to September 2002

WATER TEMPERATURE: March to September 2002.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from March to September 2002.

REMARKS.--Station operated as part of NAWQA Program from March to September 2002. Station was operated from October 1989 to June 1995 as part of a six county regional surface-water quality assessment. Periods of no flow occurred on June 26, 2002 and Aug. 3, 5-15, 2002. The daily water-quality record was not deleted for these periods.

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	159, June 25	42, April 10
WATER TEMPERATURE, °C	29.8, July 28	9.7, April 7

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	Medium code	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
OCT													
12...	1200	9	.73	759	7.9	78	7.2	91	14.7	28	34	4.37	3.7
NOV													
13...	1330	9	.48	765	10.1	84	7.1	110	7.9	38	47	5.76	2.0
21...	0900	9	E18	758	7.5	63	7.3	117	7.5	--	--	--	--
28...	1030	9	1.9	758	6.5	64	7.1	96	14.1	--	--	--	--
DEC													
05...	1000	9	1.0	761	6.5	55	7.3	107	7.9	--	--	--	--
11...	1020	9	E103	765	7.2	67	7.2	66	12.0	17	21	5.17	4.8
20...	1030	9	7.2	755	9.4	79	7.1	77	7.6	--	--	--	--
28...	1000	9	1.9	748	12.6	97	7.0	86	3.6	--	--	--	--
JAN													
09...	1100	9	11	752	13.6	105	7.2	106	3.9	--	--	--	--
17...	1000	9	4.0	756	11.0	85	7.3	111	4.3	23	28	12.4	5.1
25...	1130	9	108	757	8.4	75	6.8	79	9.8	--	--	--	--
30...	1030	9	9.5	758	10.0	92	7.1	93	11.4	--	--	--	--
FEB													
07...	1200	9	248	750	9.3	79	7.0	76	7.8	--	--	--	--
14...	1015	9	E2.1	764	11.4	93	7.1	96	6.6	22	27	8.40	6.2
20...	1000	9	E3.0	757	11.1	96	7.5	98	8.8	--	--	--	--
MAR													
06...	1100	9	6.8	766	12.2	100	7.3	91	7.0	--	--	--	--
19...	1100	9	9.7	761	9.8	93	7.4	89	12.9	21	26	7.61	5.5
APR													
03...	1000	9	24	753	8.4	89	7.0	83	17.1	--	--	--	--
17...	1030	9	1.3	760	6.8	78	7.2	104	21.6	27	34	8.01	4.2
MAY													
02...	1515	9	.46	746	8.0	96	7.3	114	23.4	--	--	--	--
16...	1300	9	.42	760	8.6	94	7.2	96	19.8	23	28	5.26	3.3
JUN													
11...	0930	9	.14	756	4.0	46	7.0	105	21.3	36	44	5.48	2.7
17...	0930	D	.08	--	2.8	--	--	131	21.9	--	--	--	--
17...	0940	O	.08	--	--	--	--	--	--	--	--	--	--
17...	1110	O	.09	--	--	--	--	--	--	--	--	--	--
17...	1410	O	.09	--	--	--	--	--	--	--	--	--	--
17...	1445	D	.08	--	2.8	--	7.3	131	21.9	--	--	--	--
17...	1530	O	.08	--	--	--	--	--	--	--	--	--	--
20...	1000	D	.07	752	2.8	32	7.3	131	21.9	--	--	--	--
20...	1030	O	.08	--	--	--	--	--	--	--	--	--	--
20...	1107	O	.08	--	--	--	--	--	--	--	--	--	--
JUL													
22...	1100	9	.13	760	6.6	82	6.7	94	26.5	28	34	5.40	4.7
AUG													
22...	0945	9	.42	760	5.8	72	6.8	71	25.7	19	23	4.41	4.1
SEP													
19...	0830	9	5.4	760	5.8	68	7.1	75	22.8	20	24	5.40	3.8

Medium codes used in this report:
9 - Surface water
D - Plant tissue
O - Benthic invertebrates

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
OCT													
12...	<.04	.34	--	--	--	.05	--	<.008	--	.06	.39	<.02	.049
NOV													
13...	<.04	.22	--	--	--	<.05	--	<.008	--	.03	--	<.02	.023
21...	E.02	.19	--	--	--	<.05	--	<.008	--	--	--	<.02	.024
28...	E.02	.35	--	--	--	<.05	--	<.008	--	--	--	<.02	.032
DEC													
05...	<.04	.22	--	--	--	<.05	--	<.008	--	--	--	<.02	.033
11...	.07	.83	.09	--	--	.11	--	<.008	.76	.24	.94	<.02	.134
20...	E.03	.45	--	--	--	.08	--	E.004	--	--	.52	<.02	.044
28...	<.04	.36	--	--	--	.08	--	<.008	--	--	.45	<.02	.036
JAN													
09...	E.04	.54	--	--	--	.16	--	<.008	--	--	.69	<.02	.049
17...	<.04	.41	--	--	--	.11	--	<.008	--	.10	.52	<.02	.036
25...	E.03	.66	--	--	--	.28	--	E.005	--	--	.93	E.02	.102
30...	E.03	.47	--	--	--	.38	--	<.008	--	--	.85	<.02	.046
FEB													
07...	<.04	.85	--	.16	.691	.17	.030	.009	--	--	1.0	<.02	.093
14...	<.04	.47	--	--	--	.06	--	<.008	--	.06	.53	<.02	.029
20...	<.04	.39	--	--	--	<.05	--	<.008	--	--	--	<.02	.038
MAR													
06...	<.04	.41	--	--	--	<.05	--	<.008	--	--	--	<.02	.042
19...	<.04	.61	--	--	--	.06	--	<.008	--	.23	.67	<.02	.045
APR													
03...	<.04	.70	--	--	--	.10	--	<.008	--	--	.80	<.02	.068
17...	.09	.60	.12	--	--	.07	--	E.004	.51	.13	.66	<.02	.051
MAY													
02...	<.04	.36	--	--	--	.10	--	E.005	--	--	.46	<.02	.041
16...	E.03	.52	--	--	--	.12	--	E.004	--	.07	.64	<.02	.045
JUN													
11...	.06	.52	.08	.13	.558	.13	.026	.008	.46	.09	.65	<.02	.052
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	.05	.51	.07	--	--	.16	--	E.006	.46	.07	.68	<.02	.044
AUG													
22...	<.04	.39	--	--	--	.11	--	E.004	--	.09	.50	<.02	.047
SEP													
19...	<.04	.48	--	--	--	.08	--	<.008	--	.10	.56	<.02	.043

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	PERI- PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI- PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	BIOMASS CHLORO- PHYLL RATIO PERI- PHYTON (UNITS) (70950)	PHEO- PHYTIN A, PERI- PHYTON (MG/M2) (62359)	CHLOR-A PERI- PHYTON CHROMO- GRAPHIC FLUOROM (MG/M2) (70957)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
OCT													
12...	.6	--	5.1	--	--	--	--	--	--	<.009	.19	<.02	<.002
NOV													
13...	.3	--	3.6	--	--	--	--	--	--	<.009	<.02	<.02	<.002
21...	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02	<.002
28...	--	--	--	--	--	--	--	--	--	<.009	.07	<.02	<.002
DEC													
05...	--	--	--	--	--	--	--	--	--	<.009	E.02	<.02	<.002
11...	2.0	--	6.8	--	--	--	--	--	--	E.078	E.18	<.02	<.002
20...	--	--	--	--	--	--	--	--	--	<.009	.14	<.02	<.002
28...	--	--	--	--	--	--	--	--	--	<.009	.05	<.02	<.002
JAN													
09...	--	--	--	--	--	--	--	--	--	<.009	.09	<.02	<.006
17...	.8	--	4.0	--	--	--	--	--	--	<.009	.07	<.02	<.006
25...	--	--	--	--	--	--	--	--	--	.386	.61	<.02	<.006
30...	--	--	--	--	--	--	--	--	--	<.009	.25	<.02	<.006
FEB													
07...	--	--	--	--	--	--	--	--	--	<.009	.73	<.02	<.006
14...	.7	--	5.0	--	--	--	--	--	--	.147	.73	<.02	<.006
20...	--	--	--	--	--	--	--	--	--	.171	.70	<.02	<.006
MAR													
06...	--	--	--	--	--	--	--	--	--	<.009	.12	<.02	<.006
19...	1.4	--	5.4	--	--	--	--	--	--	<.009	.19	<.02	<.006
APR													
03...	--	--	--	--	--	--	--	--	--	<.009	.47	<.02	<.006
17...	1.0	<.1	5.7	1.0	--	--	--	--	--	<.009	.09	<.02	<.006
MAY													
02...	--	--	--	--	--	--	--	--	--	<.009	.04	<.02	<.006
16...	.6	<.1	5.9	.6	--	--	--	--	--	<.009	.13	<.02	<.006
JUN													
11...	.6	<.1	6.0	.6	--	--	--	--	--	<.009	.17	<.02	<.006
17...	--	--	--	--	25	27.90	1170	1.7	2.1	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	46	53.20	2060	2.7	3.5	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	130	152.3	2160	6.2	8.3	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	.3	--	6.1	--	--	--	--	--	--	<.009	.11	<.02	<.006
AUG													
22...	.5	--	5.7	--	--	--	--	--	--	<.009	.06	<.02	<.006
SEP													
19...	.5	--	6.0	--	--	--	--	--	--	<.009	E.05	<.02	<.006

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	3-KETO CARBO-FURAN WATER FLTRD REC (UG/L) (50295)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)
OCT													
12...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03	<.010	<.004
NOV													
13...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	.06	<.010	<.004
21...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03	<.010	.013
28...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	E.01	<.010	<.004
DEC													
05...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03	<.010	<.004
11...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	E.055	E.27	<.010	E.033
20...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	.035	E.01	<.010	<.004
28...	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005	.009	E.01	<.010	<.004
JAN													
09...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.035	E.02	<.010	<.004
17...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.031	E.01	<.010	<.004
25...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.018	.04	<.010	<.004
30...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.015	E.01	<.010	<.004
FEB													
07...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.025	E.04	<.010	<.004
14...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.010	<.03	<.010	<.004
20...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.009	<.03	<.010	<.004
MAR													
06...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.009	<.03	<.010	.008
19...	<.006	<2	<.006	<.200	<.004	<.02	<.008	<.04	<.005	.019	<.03	<.010	.010
APR													
03...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.022	<.03	<.010	<.004
17...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.026	<.03	<.010	.011
MAY													
02...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.014	<.03	<.010	<.004
16...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.025	<.03	<.010	<.004
JUN													
11...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.024	<.03	<.010	.033
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.011	<.03	<.010	.083
AUG													
22...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	E.006	<.03	<.010	<.004
SEP													
19...	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.008	<.03	<.010	<.004

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)
OCT													
12...	<.02	<.01	<.03	<.02	<.002	<.010	M	E.011	<.006	<.020	<.02	<.010	<.04
NOV													
13...	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04
21...	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04
28...	<.02	E.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04
DEC													
05...	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04
11...	<.02	E.10	<.03	<.02	<.002	E.083	<.03	E.009	<.006	<.020	<.02	<.010	E.90
20...	<.02	E.04	<.03	<.02	<.002	<.010	<.03	E.006	<.006	<.020	<.02	<.010	<.04
28...	<.02	E.03	<.03	<.02	<.002	<.010	<.03	E.004	<.006	<.020	<.02	<.010	E.28
JAN													
09...	<.02	E.02	<.03	<.02	<.002	.058	<.03	E.005	<.006	<.020	<.02	<.010	<.04
17...	<.02	E.02	<.03	<.02	<.002	.105	<.03	<.041	<.006	<.020	<.02	<.010	<.04
25...	<.02	E.01	<.03	<.02	<.002	.118	E.01	E.015	<.006	<.020	<.02	<.010	<.04
30...	<.02	<.01	<.03	<.02	<.002	.119	<.03	E.007	<.006	<.020	<.02	<.010	<.04
FEB													
07...	<.02	E.02	<.03	<.02	<.002	E.090	E.01	E.016	<.006	<.020	<.02	<.010	<.04
14...	<.02	<.01	<.03	<.02	<.002	.124	M	E.008	<.006	<.020	<.02	<.010	<.04
20...	<.02	<.01	<.03	<.02	<.002	.042	<.03	E.008	<.006	<.020	<.02	<.010	E.16
MAR													
06...	<.02	<.01	<.03	<.02	<.002	.062	M	E.012	<.006	<.020	<.02	<.010	<.04
19...	<.02	<.01	<.03	<.02	<.002	.061	M	E.012	<.006	<.020	<.02	<.010	<.04
APR													
03...	<.02	E.01	E.02	<.02	<.002	.067	E.01	E.009	<.006	<.020	<.02	<.010	<.04
17...	<.02	E.01	<.03	<.02	<.002	<.010	<.03	E.011	<.006	<.020	<.02	<.010	<.04
MAY													
02...	<.02	E.01	<.03	<.02	<.002	<.010	<.03	E.003	<.006	<.020	<.02	<.010	<.04
16...	<.02	<.01	<.03	<.02	<.002	.126	E.01	E.034	<.006	<.020	<.02	<.010	<.04
JUN													
11...	<.02	<.01	<.03	<.02	<.002	<.010	E.03	E.044	<.006	<.020	<.02	<.010	<.04
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.02	E.01	<.03	<.02	<.002	<.010	<.03	E.008	<.006	<.020	<.02	<.010	<.04
AUG													
22...	<.02	<.01	<.03	<.02	<.002	E.089	E.01	E.021	<.006	<.020	<.02	<.010	<.04
SEP													
19...	<.02	M	<.03	<.02	<.002	E.056	M	E.015	<.006	<.020	<.02	<.010	<.04

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
OCT													
12...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	E.01	<.04	.025	<.01	<.01	<.005
NOV													
13...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	<.01	<.04	.015	<.01	<.01	<.005
21...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	<.01	<.04	.014	<.01	<.01	<.005
28...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	E.01	<.04	.018	<.01	<.01	<.005
DEC													
05...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	<.01	<.04	.015	<.01	<.01	<.005
11...	<.005	<.01	<.018	<.01	<.01	<.003	<.03	<.01	<.04	.315	<.01	<.01	<.005
20...	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	<.04	.028	<.01	<.01	<.005
28...	<.005	E.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04	.027	<.01	<.01	<.005
JAN													
09...	<.005	E.01	<.018	<.01	<.01	<.003	E.003	E.01	<.04	.045	<.01	<.01	<.005
17...	<.005	E.01	<.018	<.01	<.01	<.003	E.004	<.01	<.04	.018	E.01	<.01	<.005
25...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	.037	.05	.33	<.005
30...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	.018	<.01	.20	<.005
FEB													
07...	<.005	<.01	<.018	<.01	<.01	<.003	E.006	<.01	E.03	.046	<.01	.17	<.005
14...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.02	.016	.03	.08	<.005
20...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.01	.014	.02	<.01	<.005
MAR													
06...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.03	.018	<.01	.06	<.005
19...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	E.03	.018	<.01	.05	<.005
APR													
03...	<.005	<.01	<.018	<.01	--	<.003	E.003	<.01	E.03	.074	<.01	.04	<.005
17...	<.005	<.01	<.018	<.01	<.01	<.003	E.005	<.01	E.04	.032	<.01	<.01	<.005
MAY													
02...	<.005	.07	<.018	<.01	<.01	<.003	E.004	<.01	E.01	.006	.05	<.01	<.005
16...	<.005	<.01	<.018	<.01	<.01	<.003	E.009	<.01	E.06	.025	<.01	<.01	<.005
JUN													
11...	<.005	<.01	<.018	<.01	<.01	<.003	E.008	<.01	E.07	<.005	<.01	<.01	<.005
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.005	<.01	<.018	<.01	<.01	<.003	E.005	<.01	E.04	<.005	<.01	<.01	<.005
AUG													
22...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005
SEP													
19...	<.005	<.01	<.018	<.01	<.01	<.003	<.006	E.01	E.04	.009	<.01	<.01	<.005

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)
OCT													
12...	<.01	E.02	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.029	<.02
NOV													
13...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
21...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
28...	<.01	E.01	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.015	<.02
DEC													
05...	<.01	E.01	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.022	<.02
11...	<.01	E.01	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.099	E.09
20...	<.01	M	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.026	<.02
28...	<.01	M	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.015	E.01
JAN													
09...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.029	E.11
17...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.017	<.02
25...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
30...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
FEB													
07...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
14...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.013	<.02
20...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.012	<.02
MAR													
06...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
19...	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
APR													
03...	<.01	M	<.02	E5.75	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.031	E.02
17...	<.01	<.03	<.02	E.29	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
MAY													
02...	<.01	<.03	<.02	E.30	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.028	<.02
16...	<.01	.03	<.02	.11	<.002	<.009	<.005	<.03	<.01	E.01	<.003	E.027	<.02
JUN													
11...	<.01	<.03	<.02	.10	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03	<.003	<.008	<.02
AUG													
22...	<.01	E.01	<.02	<.01	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.028	<.02
SEP													
19...	<.01	<.03	<.02	E.02	<.002	<.009	<.005	<.03	<.01	<.03	<.003	E.032	<.02

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL OXIME WATER FLTRD REC (UG/L) (61696)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
OCT													
12...	<.02	<.007	<.004	<.01	<.035	<.027	M	<.01	M	<.008	<.01	<.004	<.050
NOV													
13...	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.01	<.004	<.050
21...	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.01	<.004	<.050
28...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	E.01	<.008	--	<.004	<.050
DEC													
05...	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	M	<.008	--	<.004	<.050
11...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02	<.008	--	<.004	<.050
20...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	M	<.008	--	<.004	<.050
28...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02	<.008	--	<.004	<.050
JAN													
09...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02	<.008	--	<.004	<.050
17...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02	<.008	--	<.004	<.050
25...	<.02	<.007	<.004	<.01	<.035	<.027	.38	<.01	M	<.008	--	<.004	<.050
30...	<.02	<.007	<.004	<.01	<.035	<.027	.13	<.01	<.02	<.008	--	<.004	<.050
FEB													
07...	<.02	<.007	<.004	<.01	<.035	<.027	.78	<.01	<.02	<.008	--	<.004	<.050
14...	E.01	<.007	<.004	<.01	<.035	<.027	.11	<.01	<.02	<.008	--	<.004	<.050
20...	<.02	<.007	<.004	<.01	<.035	<.027	.05	<.01	<.02	<.008	--	<.004	<.050
MAR													
06...	<.02	<.007	<.004	<.01	<.035	<.027	.17	<.01	<.02	<.008	--	<.004	<.050
19...	<.02	<.007	<.004	<.01	<.035	<.027	E.20	<.01	<.02	<.008	--	<.004	<.050
APR													
03...	<.02	<.007	<.004	<.01	<.035	<.027	.23	<.01	<.02	<.008	--	<.004	<.050
17...	<.02	<.007	<.004	<.01	<.035	<.027	.04	<.01	<.02	<.008	--	<.004	<.050
MAY													
02...	<.02	<.007	<.004	<.01	<.035	<.027	.11	<.01	<.02	<.008	--	<.004	<.050
16...	<.02	<.007	<.004	<.01	<.035	<.027	.13	<.01	<.02	<.008	--	<.004	<.050
JUN													
11...	<.02	<.007	<.004	<.01	<.035	<.027	.07	<.01	<.02	<.008	--	<.004	<.050
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--	<.004	<.050
AUG													
22...	<.02	<.007	<.004	<.01	<.035	<.027	E.01	<.01	<.02	<.008	--	<.004	<.050
SEP													
19...	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	--	<.004	<.050

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)
OCT													
12...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.01	<.003
NOV													
13...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.01	<.003
21...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.01	<.003
28...	<.006	E.006	<.006	--	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
DEC													
05...	<.006	E.002	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
11...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
20...	<.006	E.004	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
28...	<.006	E.003	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
JAN													
09...	<.006	E.004	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
17...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
25...	<.006	E.004	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
30...	<.006	E.007	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
FEB													
07...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
14...	<.006	E.004	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
20...	<.006	E.006	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
MAR													
06...	<.006	E.012	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
19...	<.006	E.007	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
APR													
03...	<.006	E.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
17...	<.006	.014	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
MAY													
02...	<.006	E.005	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
16...	<.006	.015	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
JUN													
11...	<.006	E.010	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.006	E.007	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
AUG													
22...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003
SEP													
19...	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	--	<.01	<.003

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)
OCT													
12...	<.007	<.002	<.010	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02	<.010	<.02
NOV													
13...	<.007	<.002	<.010	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02	<.010	<.02
21...	<.007	<.002	<.010	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02	<.010	<.02
28...	<.007	<.002	<.010	<.006	<.011	<.02	.03	<.004	<.010	<.011	<.02	<.010	<.02
DEC													
05...	<.007	<.002	<.010	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02	<.010	<.02
11...	<.007	<.002	<.010	<.006	<.011	<.02	.04	.038	<.010	<.011	<.02	<.010	<.02
20...	<.007	<.002	<.010	<.006	<.011	<.02	.02	.058	<.010	<.011	<.02	<.010	<.02
28...	<.007	<.002	<.010	<.006	<.011	<.02	E.01	.039	<.010	<.011	<.02	<.010	<.02
JAN													
09...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.052	<.010	<.011	<.02	<.010	<.02
17...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.035	<.010	<.011	<.02	<.010	<.02
25...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.061	<.010	<.011	<.02	<.010	<.02
30...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.025	<.010	<.011	<.02	<.010	<.02
FEB													
07...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.128	<.010	<.011	<.02	<.010	<.02
14...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.050	<.010	<.011	<.02	<.010	<.02
20...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.044	<.010	<.011	<.02	<.010	<.02
MAR													
06...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.118	<.010	<.011	<.02	<.010	<.02
19...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.105	<.010	<.011	<.02	<.010	<.02
APR													
03...	<.010	<.004	.028	<.006	<.011	<.02	.02	.088	<.010	<.011	<.02	<.010	<.02
17...	<.010	<.004	<.022	<.006	<.011	<.02	.03	.055	<.010	<.011	<.02	<.010	<.02
MAY													
02...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	.010	<.010	<.011	<.02	<.010	<.02
16...	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.025	<.010	<.011	<.02	<.010	<.02
JUN													
11...	<.010	<.004	<.022	<.006	<.011	<.02	E.01	<.004	<.010	<.011	<.02	<.010	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02	<.010	<.02
AUG													
22...	<.010	<.004	<.022	<.006	<.011	<.02	.03	<.004	<.010	<.011	<.02	<.010	<.02
SEP													
19...	<.010	<.004	<.022	<.006	<.011	<.02	.02	.014	<.010	<.011	<.02	<.010	<.02

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
OCT													
12...	<.008	<.02	E.007	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002	<.009	E.02
NOV													
13...	<.008	<.02	<.011	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02
21...	<.008	<.02	<.011	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02
28...	<.008	<.02	.015	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002	--	<.02
DEC													
05...	<.008	<.02	E.007	<.009	<.006	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02
11...	<.008	<.02	.035	E.110	<.006	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02
20...	<.008	<.02	.022	E.053	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02
28...	<.008	<.02	E.010	E.014	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02
JAN													
09...	<.008	<.02	.022	E.057	<.02	<.010	<.034	<.02	U	<.005	<.002	--	E.02
17...	<.008	<.02	.015	.044	M	<.010	<.034	<.02	U	<.005	<.002	--	<.02
25...	<.008	<.02	1.28	.126	<.02	<.010	<.034	<.02	U	<.005	<.002	--	.08
30...	<.008	<.02	.701	.071	E.01	<.010	<.034	<.02	U	<.005	<.002	--	<.02
FEB													
07...	<.008	<.02	1.02	.096	<.02	<.010	<.034	<.02	U	<.005	<.002	--	.18
14...	<.008	<.02	.598	.058	<.02	<.010	<.034	<.02	U	<.005	<.002	--	.05
20...	<.008	<.02	.479	.040	<.02	<.010	<.034	<.02	--	<.005	<.002	--	.03
MAR													
06...	<.008	<.02	.628	E.058	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02
19...	<.008	<.02	.533	.062	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.07
APR													
03...	<.008	.03	.446	E1.12	<.02	<.010	<.034	<.02	--	<.005	<.002	--	.08
17...	<.008	<.02	.221	.106	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02
MAY													
02...	<.008	<.02	.082	E.023	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02
16...	<.008	<.02	.336	.042	<.02	<.010	<.034	<.02	--	<.005	<.002	--	.24
JUN													
11...	<.008	<.02	.187	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.008	E.01	.186	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02
AUG													
22...	<.008	E.02	.070	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02
SEP													
19...	<.008	<.02	.126	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DICHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRICHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DICHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)
OCT													
12...	<.009	<.02	<.03	<.06	<.04	<.04	<.03	<.16	<.04	<.1	<.03	<.03	<.05
NOV													
13...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
21...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
28...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
DEC													
05...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
11...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
20...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
28...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
JAN													
09...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
17...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
25...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
30...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
14...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
20...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
MAR													
06...	E.004	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
19...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
APR													
03...	E.007	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
17...	E.001	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
MAY													
02...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
16...	<.009	<.02	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
AUG													
22...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05
SEP													
19...	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
OCT													
12...	<.7	<.7	<7	<1	<.3	<.1	<.2	<.06	<.04	<.03	<.05	<.03	<.2
NOV													
13...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
DEC													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
JAN													
09...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
MAR													
06...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
19...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
APR													
03...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
17...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
MAY													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
AUG													
22...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2
SEP													
19...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)
OCT													
12...	<.04	<.03	<.03	<.06	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
NOV													
13...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
DEC													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
JAN													
09...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
MAR													
06...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
19...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
APR													
03...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
17...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
MAY													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
AUG													
22...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1
SEP													
19...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)
OCT													
12...	<.02	<.04	<.09	<.5	<.05	<.05	<.27	<.10	<.03	<.09	<.2	<.2	<.05
NOV													
13...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
DEC													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
JAN													
09...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	E.01	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
MAR													
06...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
19...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
APR													
03...	E.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
17...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
MAY													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
AUG													
22...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05
SEP													
19...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)
OCT													
12...	<.11	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.04	<1.4	<.12	<.2
NOV													
13...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
DEC													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
JAN													
09...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
MAR													
06...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
19...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
APR													
03...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
17...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
MAY													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
AUG													
22...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2
SEP													
19...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLORIDE TOTAL (UG/L) (34418)	METHYLENE CHLORIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTHALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)
OCT													
12...	<.3	<.2	<.2	<1.6	<.4	<.06	<.5	<.03	<.04	E.01	<.2	<.1	<.07
NOV													
13...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	E.01	<.2	<.1	<.07
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
DEC													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	E.04	<.2	<.1	<.07
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	E.01	<.2	<.1	<.07
JAN													
09...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
07...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
MAR													
06...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
19...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
APR													
03...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
17...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
MAY													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
11...	<.3	<.2	M	<5.0	<.4	<.06	<.5	<.03	<.07	E.02	<.2	<.1	<.07
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	<.3	<.2	M	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
AUG													
22...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07
SEP													
19...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT												
12...	<.04	<.10	<.06	<.06	E.04	<.09	<.04	<.09	<.1	91	52	.10
NOV												
13...	<.04	<.03	<.06	<.05	E.10	<.09	<.04	<.09	<.1	91	8.0	.01
21...	--	--	--	--	--	--	--	--	--	71	8.0	--
28...	<.04	<.03	<.06	<.05	E.07	<.09	<.04	<.09	<.1	73	10	.05
DEC												
05...	--	--	--	--	--	--	--	--	--	82	13	.04
11...	<.04	<.03	<.06	<.05	E.09	<.09	<.04	<.09	<.1	82	32	--
20...	--	--	--	--	--	--	--	--	--	90	14	.27
28...	<.04	<.03	<.06	<.05	E.06	<.09	<.04	<.09	<.1	91	45	.23
JAN												
09...	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	91	37	1.1
17...	--	--	--	--	--	--	--	--	--	93	46	.50
25...	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1	94	62	18.1
30...	--	--	--	--	--	--	--	--	--	90	22	.56
FEB												
07...	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1	97	114	76.3
14...	--	--	--	--	--	--	--	--	--	85	14	--
20...	<.04	<.03	<.06	<.05	E.07	<.09	<.04	<.09	<.1	91	16	--
MAR												
06...	<.04	<.03	<.06	<.05	E.07	<.09	<.04	<.09	<.1	91	11	.20
19...	<.04	<.03	<.06	<.05	E.09	<.09	<.04	<.09	<.1	90	6.0	.16
APR												
03...	<.04	<.03	<.06	<.05	E.06	<.09	<.04	<.09	<.1	92	11	.71
17...	<.04	<.03	<.06	<.05	E.09	<.09	<.04	<.09	<.1	89	14	.05
MAY												
02...	--	--	--	--	--	--	--	--	--	95	24	.03
16...	--	--	--	--	--	--	--	--	--	78	17	.02
JUN												
11...	<.04	<.03	<.06	<.05	.15	<.09	<.04	<.09	<.1	83	10	.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUL												
22...	<.04	<.03	<.06	<.05	E.09	<.09	<.04	<.09	<.1	89	6.0	.0
AUG												
22...	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	94	10	.01
SEP												
19...	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	96	9.0	.13

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
U -- Analyzed for, not detected

02087580 SWIFT CREEK NEAR APEX, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	125	109	115
3	---	---	---	---	---	---	---	---	---	120	110	116
4	---	---	---	---	---	---	91	66	78	122	93	115
5	---	---	---	---	---	---	108	88	97	97	89	91
6	---	---	---	---	---	---	105	76	91	98	91	94
7	---	---	---	---	---	---	96	83	91	103	97	100
8	---	---	---	---	---	---	98	75	88	107	101	104
9	---	---	---	---	---	---	81	68	75	110	103	107
10	---	---	---	---	---	---	90	42	62	116	103	109
11	---	---	---	---	---	---	---	---	---	111	102	107
12	---	---	---	---	---	---	---	---	---	115	103	110
13	---	---	---	---	---	---	---	---	---	117	97	110
14	---	---	---	---	---	---	---	---	---	118	88	96
15	---	---	---	---	---	---	---	---	---	99	92	95
16	---	---	---	---	---	---	---	---	---	102	97	99
17	---	---	---	---	---	---	---	---	---	106	97	101
18	---	---	---	---	---	---	---	---	---	109	98	103
19	---	---	---	---	---	---	---	---	---	107	99	102
20	---	---	---	---	---	---	---	---	---	102	96	99
21	---	---	---	---	---	---	---	---	---	102	97	99
22	---	---	---	---	---	---	---	---	---	107	97	102
23	---	---	---	---	---	---	---	---	---	110	96	103
24	---	---	---	---	---	---	---	---	---	110	97	104
25	---	---	---	---	---	---	---	---	---	116	103	108
26	---	---	---	---	---	---	---	---	---	117	103	110
27	---	---	---	82	69	79	---	---	---	121	113	117
28	---	---	---	86	82	84	---	---	---	125	119	122
29	---	---	---	89	86	87	---	---	---	127	123	126
30	---	---	---	90	88	89	---	---	---	130	124	128
31	---	---	---	91	43	81	---	---	---	134	128	130
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	135	106	129	111	94	104	---	---	---	---	---	---
2	117	95	104	110	94	100	---	---	---	---	---	---
3	111	107	109	115	94	99	112	94	109	---	---	---
4	115	109	112	124	98	108	113	97	110	---	---	---
5	118	113	115	---	---	---	114	94	111	---	---	---
6	121	116	119	---	---	---	115	111	113	90	83	85
7	123	93	101	---	---	---	115	111	113	96	86	91
8	99	93	96	---	---	---	125	112	114	98	91	94
9	104	98	101	---	---	---	127	114	116	100	94	97
10	110	103	106	---	---	---	127	115	117	106	97	101
11	115	109	112	---	---	---	127	116	119	100	93	97
12	118	111	115	---	---	---	127	99	119	100	96	98
13	128	116	121	101	91	93	128	116	121	108	100	105
14	137	124	128	101	70	83	125	120	123	115	86	105
15	133	126	129	87	79	84	136	67	124	116	91	103
16	134	125	130	92	84	89	79	52	68	104	61	78
17	136	112	132	97	91	93	---	---	---	78	75	76
18	138	131	134	---	---	---	---	---	---	79	74	77
19	140	132	135	---	---	---	---	---	---	82	74	77
20	139	133	136	88	85	86	---	---	---	83	76	79
21	142	134	138	98	85	91	---	---	---	86	80	82
22	149	138	142	98	85	92	---	---	---	91	82	86
23	155	143	147	102	84	91	---	---	---	96	86	93
24	---	---	---	86	77	83	90	70	74	97	92	95
25	---	---	---	93	60	86	89	76	80	98	91	94
26	154	144	149	92	81	85	---	---	---	102	90	95
27	146	91	106	90	77	87	---	---	---	109	82	99
28	103	83	97	93	81	89	78	68	74	107	87	95
29	100	79	89	---	---	---	79	77	78	87	78	83
30	105	89	98	---	---	---	84	58	78	86	81	84
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02087580 SWIFT CREEK NEAR APEX, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, FOR PERIOD MARCH TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	17.8	14.9	16.1	21.2	16.8	18.6
2	---	---	---	---	---	---	18.3	14.5	16.5	23.2	18.8	20.6
3	---	---	---	---	---	---	20.2	15.9	17.9	21.3	18.5	20.0
4	---	---	---	---	---	---	17.7	14.8	16.2	18.5	15.6	16.7
5	---	---	---	---	---	---	16.3	12.4	14.3	17.8	15.4	16.4
6	---	---	---	---	---	---	14.5	11.4	13.0	19.4	14.7	17.1
7	---	---	---	---	---	---	14.3	9.7	12.0	22.4	17.1	19.5
8	---	---	---	---	---	---	16.2	10.5	13.4	24.0	19.2	21.2
9	---	---	---	---	---	---	18.2	14.2	16.2	25.0	20.4	22.5
10	---	---	---	---	---	---	18.2	16.8	17.5	24.3	20.4	22.4
11	---	---	---	---	---	---	19.2	15.5	17.3	22.8	19.2	20.7
12	---	---	---	---	---	---	19.1	16.3	17.7	23.2	18.4	20.6
13	---	---	---	---	---	---	19.9	17.1	18.5	24.3	20.4	22.0
14	---	---	---	---	---	---	21.7	17.7	19.6	22.1	18.9	20.4
15	---	---	---	---	---	---	22.7	19.0	20.8	21.4	16.2	18.6
16	---	---	---	---	---	---	23.9	19.8	21.8	21.2	15.3	18.3
17	---	---	---	---	---	---	24.5	20.3	22.4	22.6	17.7	20.1
18	---	---	---	---	---	---	25.3	21.1	23.1	21.5	17.9	20.0
19	---	---	---	---	---	---	25.4	21.6	23.2	17.9	15.2	16.5
20	---	---	---	---	---	---	24.1	21.0	22.5	18.5	13.1	15.5
21	---	---	---	---	---	---	24.4	20.7	22.4	16.0	13.8	14.9
22	---	---	---	---	---	---	22.7	20.5	21.8	17.0	12.1	14.6
23	---	---	---	---	---	---	20.8	17.6	19.1	17.1	11.7	14.5
24	---	---	---	---	---	---	19.5	15.1	17.2	17.9	12.9	15.5
25	---	---	---	---	---	---	20.2	16.8	18.1	19.6	15.5	17.7
26	---	---	---	---	---	---	18.0	15.1	16.7	21.0	17.4	19.3
27	---	---	---	18.6	16.0	17.2	17.7	13.9	15.9	22.6	18.8	20.8
28	---	---	---	16.8	13.3	15.1	20.5	16.7	18.2	22.6	19.1	21.2
29	---	---	---	17.6	12.1	14.9	22.4	18.6	20.1	22.6	19.8	21.5
30	---	---	---	18.6	15.3	16.8	20.3	16.1	18.3	23.2	21.0	22.1
31	---	---	---	17.6	14.6	16.4	---	---	---	23.8	21.3	22.7
MONTH	---	---	---	---	---	---	25.4	9.7	18.3	25.0	11.7	19.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.6	22.0	23.2	27.4	22.9	25.0	---	---	---	---	---	---
2	26.8	21.9	24.1	26.8	23.3	25.0	---	---	---	---	---	---
3	26.0	22.8	24.4	27.2	23.8	25.5	29.1	24.9	27.1	---	---	---
4	25.6	21.8	23.8	28.0	24.8	26.5	28.8	24.7	26.9	---	---	---
5	26.8	23.6	25.2	---	---	---	28.9	25.1	27.1	---	---	---
6	27.2	24.2	25.8	---	---	---	28.2	25.8	26.9	24.7	21.8	23.3
7	26.3	22.9	24.2	---	---	---	26.9	23.2	25.1	24.1	20.9	22.4
8	24.2	20.2	22.3	---	---	---	25.9	21.9	24.1	23.1	20.1	21.7
9	23.0	18.3	20.8	---	---	---	25.2	21.9	23.7	23.5	21.0	22.3
10	23.2	18.8	21.2	---	---	---	25.3	21.7	23.5	24.5	21.6	22.9
11	24.9	20.5	22.8	---	---	---	26.1	22.4	24.2	24.3	21.4	23.0
12	26.0	22.1	24.1	---	---	---	26.5	23.6	25.1	23.4	20.3	21.9
13	26.6	23.5	25.1	24.9	20.8	22.7	27.9	24.7	26.2	21.9	18.9	20.7
14	26.3	24.0	25.0	25.5	23.4	24.3	27.3	25.0	26.1	21.6	20.4	21.0
15	26.6	23.4	25.0	26.3	24.2	25.1	27.6	24.7	26.1	23.2	21.5	22.3
16	25.2	21.1	23.3	28.2	23.8	25.9	25.8	24.0	24.8	24.9	22.3	23.5
17	24.7	21.8	23.3	27.3	23.9	25.6	---	---	---	25.1	23.7	24.5
18	23.4	20.9	22.2	---	---	---	---	---	---	24.5	23.3	23.9
19	24.4	21.3	22.9	---	---	---	---	---	---	24.5	22.7	23.5
20	24.7	22.2	23.4	27.5	24.8	26.0	---	---	---	24.4	21.7	22.9
21	24.9	21.7	23.4	27.7	23.2	25.4	---	---	---	24.2	21.2	22.7
22	24.8	22.7	23.8	27.6	23.5	25.5	---	---	---	24.2	21.1	22.6
23	25.4	23.0	24.2	26.6	23.9	25.2	---	---	---	22.5	20.7	21.6
24	---	---	---	28.2	24.3	25.9	27.6	24.8	26.3	22.4	20.5	21.5
25	---	---	---	28.7	26.4	27.7	27.3	24.5	26.0	21.8	20.2	21.1
26	27.4	25.4	26.3	27.3	25.6	26.4	---	---	---	21.7	20.5	21.1
27	27.0	24.3	25.3	28.3	25.5	26.8	---	---	---	23.8	21.1	22.3
28	26.4	23.9	25.1	29.8	25.0	27.2	24.3	23.4	24.0	23.7	22.4	23.2
29	26.3	23.5	24.8	---	---	---	23.4	22.5	22.9	22.9	20.8	21.9
30	27.7	23.6	25.4	---	---	---	24.1	21.6	23.1	21.4	19.0	20.3
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---