

## PAMLICO RIVER BASIN

02084557 VAN SWAMP NEAR HOKE, NC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993-96, April to September 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April to September 2002

WATER TEMPERATURE: April to September 2002.

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

REMARKS.--Station operated as part of the Albemarle-Pamlico NAWQA program. Periods of no flow occurred on Oct. 26-31, 2001, Nov. 1-24, 2001, July 3-10, 19, 2--2, Aug. 8-30, 2002 and Sept. 8-10, 12-15, 2002. The daily water-quality record was not deleted for these periods.

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	166, April 10	55, July 25
WATER TEMPERATURE, °C	27.2, August 24	13.3, May 23

## 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 SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT													
10...	1200	9	.06	775	2.3	22	4.5	77	13.8	8.39	4.5	.10	2.1
NOV													
14...	1330	9	.0	769	.3	3	5.0	148	12.2	12.1	.7	.05	5.3
DEC													
12...	1130	9	.04	769	.3	3	5.6	115	13.5	11.0	1.8	<.04	2.1
JAN													
15...	1030	9	4.0	760	9.2	78	3.9	124	8.3	7.54	16.8	.09	1.5
FEB													
12...	1215	9	14	764	8.7	76	3.6	159	9.7	9.54	24.9	E.03	1.2
MAR													
21...	0930	9	21	762	7.1	69	3.7	161	14.3	8.67	24.4	.08	1.3
APR													
24...	1000	9	26	769	6.3	60	3.6	149	14.1	8.09	19.7	.18	1.5
MAY													
15...	1015	9	5.7	766	6.8	68	3.8	127	15.6	7.72	16.7	.29	1.8
JUN													
13...	1030	9	.83	758	1.0	11	4.1	90	21.6	8.42	6.4	.94	4.0
24...	1100	D	.28	--	.1	--	4.2	85	22.5	--	--	--	--
24...	1100	O	.28	--	--	--	--	--	--	--	--	--	--
24...	1130	O	.28	--	--	--	--	--	--	--	--	--	--
JUL													
23...	1345	9	.34	764	3.5	41	4.6	61	24.5	4.81	4.2	1.15	3.2
AUG													
21...	0930	9	.0	767	1.4	17	4.7	81	24.1	6.84	7.0	1.12	3.5
SEP													
18...	0930	9	1.2	765	5.5	62	4.1	109	21.6	6.93	18.4	.53	1.8

Medium codes used in this report:

- 9 - Surface water
- O - Benthic invertebrates
- D - Plant tissue

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Date	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 TICULATE WAT FLT SUSP (MG/L AS N) (49570)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC TOTAL (MG/L AS C) (00694)
OCT													
10...	.12	--	--	E.03	.036	.011	2.0	.26	--	.288	.09	.22	5.6
NOV													
14...	.06	--	--	<.05	.164	.050	5.3	.72	--	1.21	.39	.72	10.8
DEC													
12...	--	--	--	<.05	.046	.014	--	.08	--	.267	.09	.176	.7
JAN													
15...	.11	--	--	.61	--	<.008	1.4	.11	2.1	.064	.02	.058	1.5
FEB													
12...	--	--	--	.80	--	<.008	--	.03	1.9	--	<.02	.017	.5
MAR													
21...	.11	--	--	.62	--	E.004	1.2	.02	1.9	--	<.02	.032	.8
APR													
24...	.24	--	--	.31	--	<.008	1.3	.06	1.8	.159	.05	.083	.9
MAY													
15...	.37	--	--	<.05	--	<.008	1.5	.14	--	.080	.03	.075	2.6
JUN													
13...	1.21	--	--	<.05	--	E.006	3.0	.29	--	.110	.04	.23	4.4
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
23...	1.48	.05	.230	.06	.030	.009	2.0	.37	3.2	.156	.05	.19	5.2
AUG													
21...	1.44	--	--	<.05	--	E.005	2.4	1.58	--	.110	.04	.25	25.0
SEP													
18...	.68	--	--	.75	--	<.008	1.2	.21	2.5	--	<.02	.076	2.6

Date	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)	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)	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)
OCT													
10...	--	84.7	--	--	--	<.002	<.004	<.002	<.005	<.007	<.010	<.002	<.041
NOV													
14...	--	226	--	--	--	<.002	<.004	<.002	<.005	<.007	<.010	<.002	<.041
DEC													
12...	--	96.1	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	--	48.8	--	--	--	<.006	<.006	<.004	<.005	<.007	<.010	<.002	<.041
FEB													
12...	--	--	--	--	--	<.006	<.006	<.004	<.005	<.007	<.010	<.002	<.041
MAR													
21...	<.1	41.6	.8	--	--	<.006	<.006	<.004	<.005	<.007	<.010	<.002	<.041
APR													
24...	--	50.7	--	--	--	<.006	<.006	<.004	<.005	<.007	<.010	<.002	<.041
MAY													
15...	<.1	57.6	2.6	--	--	<.006	<.006	<.004	<.005	.011	<.010	<.002	<.041
JUN													
13...	<.1	87.2	4.4	--	--	<.006	<.006	<.004	<.005	.020	<.010	<.002	<.041
24...	--	--	--	53	80.50	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
23...	<.1	63.6	5.2	--	--	--	--	--	--	--	--	--	--
AUG													
21...	<.1	82.9	25.0	--	--	--	--	--	--	--	--	--	--
SEP													
18...	<.1	39.2	2.6	--	--	<.006	<.006	<.004	<.005	<.007	<.010	<.002	<.041

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Date	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)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	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)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)
OCT													
10...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
NOV													
14...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
DEC													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
FEB													
12...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
MAR													
21...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
APR													
24...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
MAY													
15...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
JUN													
13...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
18...	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004
Date	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	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)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	METHYL 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)
OCT													
10...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006
NOV													
14...	<.035	<.027	<.050	<.006	<.013	<.006	--	<.007	<.003	<.007	<.002	<.300	<.006
DEC													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
FEB													
12...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
MAR													
21...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
APR													
24...	<.035	<.027	<.050	<.006	E.012	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
MAY													
15...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
JUN													
13...	<.035	<.027	<.050	<.006	E.007	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
18...	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006

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

Date	PHORATE WATER FLTRD 0.7 U GF, REC (82664)	PRO- METON, WATER, DISS, 0.7 U REC (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (82676)	PROPA- CHLOR, WATER, DISS, 0.7 U REC (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (82685)	SI- MAZINE, WATER, DISS, 0.7 U REC (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (82675)	TER- BUTHYL- AZINE, WATER, DISS, 0.7 U REC (04022)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (82678)
OCT													
10...	<.011	<.01	<.004	<.010	<.011	<.02	<.011	<.02	<.034	<.02	U	<.005	<.002
NOV													
14...	<.011	<.01	<.004	<.010	<.011	<.02	<.011	<.02	<.034	<.02	U	<.005	<.002
DEC													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	U	<.005	<.002
FEB													
12...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	U	<.005	<.002
MAR													
21...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	U	<.005	<.002
APR													
24...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	--	<.005	<.002
MAY													
15...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	--	<.005	<.002
JUN													
13...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	--	<.005	<.002
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
18...	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	--	<.005	<.002

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

Date	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT				
10...	<.009	85	30	.0
NOV				
14...	<.009	88	134	--
DEC				
12...	--	87	92	.01
JAN				
15...	<.009	99	54	.58
FEB				
12...	<.009	89	20	.76
MAR				
21...	<.009	89	11	.62
APR				
24...	<.009	73	5.0	.35
MAY				
15...	<.009	89	10	.15
JUN				
13...	<.009	97	250	.56
24...	--	--	--	--
24...	--	--	--	--
24...	--	--	--	--
JUL				
23...	--	98	239	.22
AUG				
21...	--	93	286	--
SEP				
18...	<.009	97	86	.28

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

PAMLICO RIVER BASIN

02084557 VAN SWAMP NEAR HOKE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	153	150	152
2	---	---	---	---	---	---	---	---	---	154	152	153
3	---	---	---	---	---	---	---	---	---	153	149	151
4	---	---	---	---	---	---	---	---	---	150	147	149
5	---	---	---	---	---	---	---	---	---	148	146	147
6	---	---	---	---	---	---	---	---	---	147	145	146
7	---	---	---	---	---	---	---	---	---	147	144	145
8	---	---	---	---	---	---	---	---	---	146	144	145
9	---	---	---	---	---	---	---	---	---	145	142	143
10	---	---	---	---	---	---	166	160	163	143	139	140
11	---	---	---	---	---	---	161	158	159	139	137	138
12	---	---	---	---	---	---	160	157	159	138	136	137
13	---	---	---	---	---	---	160	157	158	136	131	135
14	---	---	---	---	---	---	158	156	157	133	130	131
15	---	---	---	---	---	---	158	155	156	131	128	129
16	---	---	---	---	---	---	157	155	156	130	127	128
17	---	---	---	---	---	---	157	155	156	128	126	127
18	---	---	---	---	---	---	158	155	156	126	119	123
19	---	---	---	---	---	---	156	150	155	120	114	119
20	---	---	---	---	---	---	151	139	144	118	116	117
21	---	---	---	---	---	---	144	139	141	118	116	117
22	---	---	---	---	---	---	148	144	147	117	115	116
23	---	---	---	---	---	---	152	148	150	117	114	122
24	---	---	---	---	---	---	154	152	153	130	117	122
25	---	---	---	---	---	---	155	154	155	117	112	114
26	---	---	---	---	---	---	155	153	154	113	109	111
27	---	---	---	---	---	---	155	153	154	111	108	110
28	---	---	---	---	---	---	155	153	154	109	108	109
29	---	---	---	---	---	---	154	151	153	110	107	108
30	---	---	---	---	---	---	152	150	151	108	106	107
31	---	---	---	---	---	---	---	---	---	106	104	106
MONTH	---	---	---	---	---	---	---	---	---	154	104	129

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	105	102	104	84	83	84	90	87	88	105	94	101
2	104	101	102	84	83	84	91	89	90	105	94	100
3	102	100	101	85	83	84	92	89	91	94	91	93
4	101	99	100	85	84	84	91	90	90	92	91	92
5	100	95	99	85	84	84	91	89	90	92	89	90
6	97	94	96	85	84	85	91	86	90	90	88	89
7	96	93	94	85	84	84	90	88	89	90	88	89
8	97	92	93	85	84	85	89	89	89	90	90	90
9	96	91	92	86	84	85	89	87	88	90	89	90
10	94	89	91	86	80	85	88	84	87	89	86	88
11	92	89	90	86	75	79	87	86	86	89	88	89
12	93	89	90	78	75	77	87	86	86	89	87	88
13	91	88	89	77	76	76	86	85	86	87	86	86
14	95	89	91	76	76	76	86	85	86	86	85	85
15	95	87	90	76	75	76	86	84	85	85	84	85
16	90	87	88	84	75	76	84	83	83	85	76	81
17	89	86	87	79	75	77	83	70	82	105	74	94
18	89	87	88	76	75	75	82	68	79	112	105	111
19	91	85	87	76	75	75	82	81	82	110	103	106
20	90	85	87	75	70	73	81	80	81	103	102	102
21	87	86	86	70	65	66	82	80	81	103	101	102
22	88	85	86	65	64	64	81	79	80	102	100	101
23	88	85	86	64	62	63	83	79	81	100	98	99
24	87	85	85	62	60	61	83	82	83	99	98	98
25	87	85	86	64	55	60	83	82	83	100	98	99
26	87	85	86	93	62	73	83	71	80	100	98	99
27	87	86	86	120	93	111	73	66	70	99	98	99
28	87	85	85	122	112	119	69	66	67	98	96	97
29	85	83	84	112	88	100	74	69	72	99	96	98
30	84	83	84	88	83	86	74	65	71	99	98	98
31	---	---	---	88	86	87	96	65	79	---	---	---
MONTH	105	83	90	122	55	80	96	65	83	112	74	95

PAMLICO RIVER BASIN

02084557 VAN SWAMP NEAR HOKE, NC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	16.9	15.2	15.9
2	---	---	---	---	---	---	---	---	---	19.4	16.2	17.5
3	---	---	---	---	---	---	---	---	---	18.7	17.8	18.4
4	---	---	---	---	---	---	---	---	---	17.8	15.5	16.3
5	---	---	---	---	---	---	---	---	---	15.5	15.0	15.2
6	---	---	---	---	---	---	---	---	---	17.0	13.9	15.2
7	---	---	---	---	---	---	---	---	---	19.4	16.3	17.5
8	---	---	---	---	---	---	---	---	---	20.7	18.5	19.3
9	---	---	---	---	---	---	---	---	---	21.5	19.1	20.0
10	---	---	---	---	---	---	15.4	14.7	15.2	21.9	20.2	20.8
11	---	---	---	---	---	---	15.8	13.9	14.8	21.6	19.0	19.9
12	---	---	---	---	---	---	16.5	15.0	15.7	20.5	18.0	19.1
13	---	---	---	---	---	---	16.3	15.4	15.9	21.5	19.9	20.7
14	---	---	---	---	---	---	16.8	15.6	16.2	21.6	18.0	19.6
15	---	---	---	---	---	---	17.8	16.2	16.9	18.0	15.8	16.6
16	---	---	---	---	---	---	18.5	16.8	17.5	17.0	15.9	16.4
17	---	---	---	---	---	---	19.2	17.2	18.1	18.9	17.0	18.1
18	---	---	---	---	---	---	19.4	17.6	18.4	20.1	18.3	19.4
19	---	---	---	---	---	---	19.6	17.8	18.6	18.3	15.4	16.7
20	---	---	---	---	---	---	19.1	18.1	18.5	15.4	14.5	14.9
21	---	---	---	---	---	---	18.6	18.0	18.3	14.5	13.5	13.9
22	---	---	---	---	---	---	18.0	17.4	17.7	14.7	13.4	14.1
23	---	---	---	---	---	---	17.4	15.6	16.5	14.6	13.3	14.0
24	---	---	---	---	---	---	15.7	14.3	15.0	16.3	13.7	15.1
25	---	---	---	---	---	---	15.8	15.0	15.3	18.4	15.9	17.2
26	---	---	---	---	---	---	16.0	14.9	15.4	19.4	17.6	18.6
27	---	---	---	---	---	---	15.2	14.4	14.8	19.8	18.4	19.1
28	---	---	---	---	---	---	17.3	15.0	16.1	19.9	18.7	19.3
29	---	---	---	---	---	---	19.0	17.1	17.7	20.3	19.0	19.7
30	---	---	---	---	---	---	17.5	15.5	16.3	20.8	19.5	20.1
31	---	---	---	---	---	---	---	---	---	21.8	19.7	20.4
MONTH	---	---	---	---	---	---	---	---	---	21.9	13.3	17.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.0	20.9	21.2	23.6	21.9	22.5	26.4	25.6	25.9	22.9	22.4	22.7
2	22.4	21.4	21.7	23.1	22.4	22.7	25.7	25.0	25.4	22.6	21.7	22.0
3	22.4	21.7	22.0	24.1	22.9	23.3	25.3	24.1	24.7	22.1	21.3	21.6
4	22.2	20.6	21.2	25.1	24.0	24.3	25.1	23.9	24.5	23.1	22.1	22.5
5	22.3	21.2	21.7	25.6	24.8	25.0	24.7	23.8	24.2	23.5	22.9	23.3
6	22.2	21.7	21.9	25.4	24.2	24.6	24.7	23.1	23.7	22.9	21.9	22.4
7	22.4	20.7	21.8	24.4	22.3	23.1	23.1	21.6	22.1	22.1	21.1	21.6
8	20.7	19.5	19.9	23.5	21.8	22.6	21.6	19.9	20.6	22.1	21.2	21.7
9	19.5	17.9	18.5	24.6	22.2	23.1	20.8	19.4	20.1	22.1	21.5	21.8
10	19.2	18.3	18.6	25.1	24.0	24.4	20.9	19.2	20.1	22.9	22.1	22.5
11	20.1	19.0	19.3	24.6	22.9	23.8	21.1	19.4	20.2	22.7	22.1	22.4
12	21.1	20.0	20.3	22.9	21.3	21.8	22.2	20.3	21.2	22.6	20.7	21.3
13	21.6	20.8	21.1	22.9	21.2	21.8	23.4	21.7	22.4	20.7	19.3	19.9
14	22.3	21.6	21.9	23.5	22.7	23.0	23.7	22.2	23.0	20.8	20.0	20.4
15	22.5	21.9	22.1	23.4	23.1	23.3	23.8	22.9	23.4	21.2	20.6	20.8
16	22.4	20.9	21.4	24.3	23.4	23.6	24.9	23.4	24.0	22.3	21.2	21.6
17	21.6	21.2	21.4	24.8	24.2	24.3	25.4	24.1	24.6	22.7	21.9	22.3
18	21.6	21.0	21.3	24.9	24.2	24.5	25.5	24.0	24.8	22.5	21.3	21.8
19	22.0	20.9	21.4	26.6	24.8	25.2	25.8	24.0	25.0	21.3	20.6	20.8
20	22.1	21.2	21.6	26.2	25.0	25.3	25.6	24.0	24.9	21.0	20.8	20.9
21	22.1	21.1	21.6	25.1	23.8	24.1	25.0	23.8	24.4	20.9	20.6	20.8
22	22.1	21.0	21.6	24.1	23.3	23.5	25.4	22.9	24.1	21.0	20.4	20.7
23	22.8	21.5	22.0	23.9	23.6	23.7	26.2	23.6	24.9	21.1	21.0	21.1
24	23.0	22.5	22.7	24.2	23.7	23.9	27.2	24.8	25.9	21.2	21.0	21.1
25	23.8	22.9	23.1	24.3	23.5	24.0	26.4	24.6	25.5	21.1	20.8	20.9
26	24.4	23.5	23.7	23.8	23.0	23.4	25.1	23.6	24.4	21.0	20.9	21.0
27	24.2	23.8	23.9	23.9	23.1	23.6	23.8	23.3	23.5	21.4	21.0	21.2
28	24.3	23.7	23.9	24.6	23.1	23.7	23.6	23.1	23.3	21.6	21.4	21.5
29	24.2	23.4	23.7	26.0	24.3	25.0	23.5	22.9	23.2	21.6	21.3	21.4
30	24.0	23.0	23.4	26.8	25.7	26.2	23.3	22.7	22.9	21.4	20.9	21.1
31	---	---	---	26.7	26.1	26.5	22.8	22.4	22.6	---	---	---
MONTH	24.4	17.9	21.7	26.8	21.2	23.9	27.2	19.2	23.5	23.5	19.3	21.5