

02084557 VAN SWAMP NEAR HOKE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993-96, 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 2002 to current year.

WATER TEMPERATURE: April 2002 to current year.

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

REMARKS.--Station operated as part of the NAWQA program April 2002 to current year. Station was operated March 1993 to September 1996 as part of the Albemarle-Pamlico NAWQA program.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	205, November 21, 22, 2002	55, July 25, 2002
WATER TEMPERATURE, °C	27.2, August 24, 2002	2.3, January 24, 2003

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	205, November 21, 22	80, October 12
WATER TEMPERATURE, °C	24.4, July 9	2.3, January 24

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

Date	Time	Medium code	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)
OCT 23...	0930	9	6.4	770	4.6	45	4.0	137	14.6	9.14	26.4	1.7	0.51
NOV 08...	0900	9	17	768	5.9	53	3.9	155	11.0	15.8	29.0	1.1	0.17
DEC 11...	0930	9	13	760	8.2	72	3.6	190	9.2	10.8	38.6	0.92	0.10
JAN 23...	0930	9	2.4	760	11.8	90	3.7	126	4.1	9.14	34.8	1.0	0.06
FEB 13...	0930	9	20	765	9.0	73	3.6	193	6.7	11.0	36.0	0.88	0.05
MAR 19...	0930	9	30	763	6.5	61	3.6	176	12.7	8.69	30.2	1.1	0.10
APR 04...	0930	9	28	756	6.5	64	3.7	166	14.3	8.05	25.5	1.1	0.07
MAY 06...	1000	9	49	760	7.8	78	3.7	143	15.3	7.75	23.2	1.4	0.16
JUN 06...	0900	9	74	762	4.5	46	3.4	151	16.9	7.02	17.9	1.4	0.25
JUL 17...	0915	9	7.3	--	6.3	--	3.6	155	22.9	7.99	31.5	1.2	0.28
AUG 07...	1030	D	30	--	7.8	--	3.1	117	22.5	--	--	--	--
20...	0930	9	103	755	6.5	76	3.0	118	22.3	6.24	15.2	1.4	--
SEP 03...	1000	9	14	763	5.2	59	3.4	142	21.7	7.41	22.6	2.0	0.41

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

Date	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)	Organic nitro- gen, water, unfltrd mg/L (00605)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Phos- phorus, water, unfltrd mg/L (00665)	Total nitro- gen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)
OCT 23...	0.39	0.15	<0.008	1.3	--	E.01	0.11	0.049	1.8	1.4	<0.1	1.4	47.4
NOV 08...	0.13	0.25	<0.008	1.0	--	<0.02	0.06	0.029	1.4	0.8	<0.1	0.8	39.0
DEC 11...	0.08	0.91	<0.008	0.84	--	<0.02	0.02	0.015	1.8	0.4	<0.1	0.4	29.7
JAN 23...	0.05	0.29	<0.008	0.97	--	<0.02	<0.02	0.013	1.3	0.2	<0.1	0.2	31.7
FEB 13...	0.04	1.44	<0.008	0.83	--	<0.02	0.03	0.010	2.3	0.6	<0.1	0.5	26.0
MAR 19...	0.08	1.23	<0.008	1.0	--	<0.02	0.03	0.016	2.3	0.5	<0.1	E.5	33.9
APR 04...	0.06	0.81	E.004	1.0	--	E.01	0.05	0.018	1.9	0.7	<0.1	0.7	37.8
MAY 06...	0.12	0.28	<0.008	1.3	--	E.01	0.32	0.060	1.7	5.2	0.2	5.0	34.6
JUN 06...	0.20	0.22	<0.008	1.2	0.055	0.02	0.05	0.037	1.7	0.8	<0.1	0.8	39.0
JUL 17...	0.21	0.06	<0.008	1.0	--	<0.02	0.25	0.044	1.3	4.7	<0.1	4.7	29.7
AUG 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	<0.41	<0.60	<0.080	--	--	<0.18	0.09	0.045	--	1.7	<0.1	1.7	48.0
SEP 03...	0.32	<0.06	E.005	1.7	0.064	0.02	0.11	0.053	--	2.3	<0.1	2.3	64.1

Date	Biomass peri- phyton, ashfree drymass g/m2 (49954)	Peri- phyton biomass ash weight, g/m2 (00572)	Peri- phyton biomass dry weight, g/m2 (00573)	Biomass chloro- phyll ratio, peri- phyton, number (70950)	Pheo- phytin a, peri- phyton, mg/m2 (62359)	Chloro- phyll a peri- phyton, chromo- fluoro, mg/m2 (70957)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Sus- pended sediment concentration mg/L (80154)	Sus- pended sediment load, tons/d (80155)
OCT 23...	--	--	--	--	--	--	--	--	--
NOV 08...	--	--	--	--	--	--	87	14	0.64
DEC 11...	--	--	--	--	--	--	67	8	0.28
JAN 23...	--	--	--	--	--	--	86	2	0.01
FEB 13...	--	--	--	--	--	--	71	6	0.32
MAR 19...	--	--	--	--	--	--	68	6	0.49
APR 04...	--	--	--	--	--	--	83	7	0.53
MAY 06...	--	--	--	--	--	--	95	42	5.6
JUN 06...	--	--	--	--	--	--	--	--	--
JUL 17...	--	--	--	--	--	--	82	34	0.67
AUG 07...	7.4	28	35.10	49,300	1.1	0.1	--	--	--
20...	--	--	--	--	--	--	53	43	12
SEP 03...	--	--	--	--	--	--	90	18	0.68

Remark codes used in this table:

< -- Less than
E -- Estimated value

Medium codes used in this table:

9 -- Surface water
D -- Plant tissue

02084557 VAN SWAMP NEAR HOKE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	98	97	98	137	132	135	190	186	188	192	181	187
2	97	93	95	136	134	135	187	185	186	188	179	182
3	95	94	95	138	135	137	186	185	185	190	186	188
4	95	94	95	138	136	138	185	182	184	191	187	189
5	94	94	94	138	136	137	182	164	171	191	188	189
6	94	93	94	138	134	137	180	164	175	192	188	189
7	94	92	93	135	129	132	185	180	182	192	188	189
8	93	92	93	146	135	143	188	185	186	196	187	189
9	93	92	92	142	136	139	190	188	188	193	188	190
10	92	91	92	138	136	137	190	188	189	191	186	190
11	93	87	91	137	132	135	189	186	188	191	187	189
12	115	80	102	138	101	127	192	189	190	191	187	188
13	123	115	118	133	99	117	192	186	190	189	186	187
14	128	123	126	151	133	141	192	185	188	190	186	187
15	130	126	128	161	151	157	193	191	192	189	186	187
16	133	130	132	163	156	161	195	192	193	187	184	186
17	135	133	134	157	152	154	196	194	195	188	184	187
18	135	133	134	169	151	159	197	194	195	188	185	187
19	135	134	134	178	169	174	197	194	196	189	186	187
20	136	134	136	198	178	185	198	192	195	189	187	188
21	137	134	136	205	198	202	194	190	192	189	186	188
22	137	131	135	205	200	204	195	192	193	188	186	187
23	135	131	133	203	201	202	194	190	192	188	183	185
24	136	134	135	201	199	200	194	187	191	185	183	184
25	134	133	134	200	199	200	189	183	186	187	184	185
26	134	131	132	200	197	198	191	187	189	187	185	186
27	133	131	132	198	195	196	190	188	189	186	184	185
28	133	129	132	195	192	193	191	187	189	186	183	184
29	129	126	127	192	191	191	191	187	189	187	184	186
30	126	119	122	191	189	190	191	188	190	187	183	185
31	132	116	123	---	---	---	192	189	190	185	182	184
MONTH	137	80	117	205	99	162	198	164	189	196	179	187
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	190	184	188	184	176	180	168	165	166	152	149	151
2	190	187	188	184	177	181	170	166	168	152	147	149
3	188	185	186	184	177	180	170	168	169	150	147	148
4	187	184	185	185	179	182	171	168	169	151	146	148
5	185	181	183	184	180	182	170	168	169	148	146	147
6	182	179	181	183	167	176	169	167	168	149	137	144
7	180	173	177	173	167	169	169	164	167	138	130	133
8	184	178	181	176	168	172	167	163	165	143	136	139
9	183	181	182	181	173	177	167	143	154	145	142	144
10	183	174	179	186	178	181	149	128	138	145	143	144
11	184	178	182	186	181	183	147	138	143	145	141	143
12	185	182	183	187	182	184	153	145	149	145	143	144
13	185	183	184	186	180	183	160	152	157	146	144	145
14	185	183	184	183	180	181	168	160	164	147	145	146
15	186	182	184	184	178	180	171	167	169	148	145	147
16	183	169	180	182	176	178	171	169	170	149	146	148
17	177	159	169	180	175	177	172	169	171	148	147	147
18	183	168	175	178	174	176	174	170	172	148	144	147
19	188	180	184	176	172	174	173	163	169	144	133	137
20	189	186	188	175	161	171	171	167	169	141	136	138
21	189	185	188	165	147	156	172	168	170	139	137	138
22	190	109	162	165	155	159	172	168	170	141	137	140
23	181	138	165	170	162	166	171	168	170	141	119	131
24	189	178	182	174	168	171	171	168	170	122	115	118
25	188	184	186	176	171	173	170	166	168	126	119	123
26	188	185	186	177	172	174	167	154	163	129	121	125
27	187	180	184	176	172	174	159	146	153	128	124	125
28	180	174	177	176	172	174	151	146	148	131	127	129
29	---	---	---	174	172	173	152	148	150	133	130	132
30	---	---	---	174	165	170	154	149	151	136	133	134
31	---	---	---	165	162	163	---	---	---	140	135	137
MONTH	190	109	181	187	147	175	174	128	163	152	115	139

PAMLICO RIVER BASIN

02084557 VAN SWAMP NEAR HOKE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	141	137	139	144	143	143	115	111	112	137	136	136
2	144	139	141	144	137	141	113	111	112	137	136	137
3	147	143	145	137	131	134	116	113	115	137	136	137
4	150	146	148	134	130	131	119	115	117	138	125	136
5	152	149	150	135	133	134	122	119	121	133	124	127
6	153	151	152	135	134	135	125	122	123	131	126	128
7	154	152	153	136	134	135	122	110	118	133	130	132
8	154	151	152	135	133	134	118	108	112	135	133	134
9	152	150	151	134	132	133	114	110	112	136	134	135
10	152	140	149	133	130	132	119	114	117	137	135	137
11	140	109	116	131	122	130	121	98	111	139	137	138
12	124	114	119	135	124	129	109	104	107	139	120	135
13	130	123	127	134	126	131	115	109	111	146	121	136
14	135	130	133	166	124	143	119	115	117	139	134	136
15	137	132	135	169	162	165	121	117	118	135	134	135
16	137	132	134	165	154	157	123	120	121	137	135	136
17	139	136	137	155	145	149	124	122	123	138	137	137
18	141	139	140	147	145	146	127	123	125	138	99	123
19	142	136	140	148	146	148	127	118	122	110	105	106
20	137	134	136	148	145	147	120	104	112	109	107	108
21	135	133	134	146	144	145	109	107	108	110	109	109
22	138	135	137	145	143	144	115	109	112	112	110	111
23	139	138	138	144	136	142	119	114	117	115	111	113
24	141	139	140	141	134	137	125	119	122	117	115	115
25	142	140	141	157	141	149	130	125	127	119	116	118
26	143	141	142	159	113	147	133	130	131	122	119	120
27	144	142	143	122	111	116	135	133	134	126	122	124
28	144	143	144	139	122	133	136	134	135	127	123	125
29	145	143	144	146	139	142	136	135	136	126	123	124
30	145	143	144	146	119	128	136	135	136	128	125	126
31	---	---	---	129	115	119	136	135	136	---	---	---
MONTH	154	109	140	169	111	139	136	98	120	146	99	127

02084557 VAN SWAMP NEAR HOKE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.9	20.4	20.6	12.2	11.0	11.5	10.6	8.4	9.3	12.7	11.3	12.0
2	20.6	20.4	20.5	11.1	10.4	10.8	8.9	7.1	8.0	12.2	11.6	11.8
3	20.6	20.5	20.5	10.6	9.9	10.3	9.2	8.1	8.8	12.2	11.5	11.8
4	20.8	20.6	20.7	11.1	10.2	10.6	8.1	7.1	7.5	11.9	10.0	11.0
5	21.0	20.8	20.9	11.7	10.9	11.2	7.9	7.2	7.6	10.0	8.6	9.3
6	21.4	21.0	21.1	13.2	11.7	12.4	8.3	7.3	7.8	10.0	8.6	9.3
7	21.3	21.1	21.2	13.1	11.5	12.5	8.0	7.0	7.6	9.6	8.2	8.7
8	21.1	20.6	20.9	11.5	11.0	11.1	8.5	6.9	7.8	9.6	8.2	8.8
9	20.6	19.8	20.0	12.0	10.9	11.5	8.8	8.2	8.5	11.2	9.6	10.3
10	19.9	19.7	19.8	13.4	12.0	12.8	9.2	8.6	8.9	11.5	10.1	11.2
11	20.4	19.8	19.9	14.0	13.2	13.6	9.5	9.2	9.3	10.1	8.2	9.0
12	21.0	20.1	20.9	17.9	14.0	15.5	10.3	9.3	9.8	8.2	7.1	7.5
13	20.9	20.0	20.3	17.7	13.9	15.7	10.8	9.9	10.2	8.1	6.7	7.3
14	20.3	18.2	19.6	13.9	12.3	12.9	11.1	10.6	10.8	8.3	7.2	7.7
15	18.2	17.2	17.5	13.2	11.8	12.5	10.7	9.7	10.1	8.0	7.0	7.7
16	18.0	17.5	17.7	14.9	13.2	14.1	10.6	9.2	9.9	7.3	5.9	6.6
17	17.9	17.0	17.2	15.3	14.5	15.1	10.1	8.9	9.4	7.5	6.3	7.1
18	17.0	14.9	16.2	14.5	12.8	13.5	10.0	9.0	9.5	6.3	5.1	5.6
19	14.9	14.0	14.4	12.8	11.6	12.2	11.6	9.3	10.2	5.5	4.4	5.0
20	14.9	14.0	14.4	12.8	11.8	12.3	13.3	11.6	12.6	7.4	5.1	6.2
21	15.8	14.9	15.5	13.8	12.6	13.1	12.2	10.2	10.9	7.2	6.4	6.8
22	15.6	15.3	15.4	14.3	13.2	13.9	10.6	9.2	10	6.4	5.4	5.9
23	15.4	14.6	14.9	13.2	11.3	12.1	10.6	9.6	10.2	5.8	3.1	4.5
24	15.0	14.6	14.8	12.0	10.4	11.2	10.1	9.7	9.8	3.8	2.3	3.1
25	15.5	15.0	15.2	12.4	10.6	11.5	10.4	9.3	10.1	4.7	2.6	3.7
26	15.9	15.5	15.7	12.4	11.2	11.8	9.3	8.4	8.8	5.6	4.1	4.9
27	16.5	15.9	16.2	12.1	10.5	11.4	8.6	7.5	8.1	5.3	4.2	4.9
28	16.2	15.9	16.1	10.5	8.7	9.4	8.2	7.0	7.8	4.7	2.9	3.9
29	16.2	15.8	15.9	9.0	7.5	8.3	9.0	7.5	8.2	7.4	4.7	6.0
30	15.8	14.2	15.1	10.8	9.0	10	9.8	7.8	8.8	7.5	7.0	7.3
31	14.2	12.2	13.2	---	---	---	11.3	9.6	10.4	7.2	6.8	7.0
MONTH	21.4	12.2	17.8	17.9	7.5	12.2	13.3	6.9	9.2	12.7	2.3	7.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	6.9	7.3	10.2	8.8	9.4	12.9	10.9	12.0	16.9	16.3	16.6
2	8.0	6.4	7.3	11.2	10.1	10.6	14.5	12.5	13.5	17.1	16.4	16.7
3	9.2	6.7	7.8	10.8	9.9	10.4	15.3	13.6	14.5	17.0	16.0	16.6
4	11.0	9.1	10.1	10.7	9.1	10	15.4	14.1	14.8	16.0	14.6	15.3
5	9.8	8.0	8.7	12.3	10.7	11.6	15.6	14.6	15.2	14.6	13.6	14.0
6	8.3	7.3	7.7	12.5	11.9	12.2	15.2	14.0	14.8	17.0	14.4	15.7
7	7.8	7.0	7.5	11.9	9.6	10.6	14.0	12.8	13.2	18.0	16.6	17.1
8	7.4	6.1	6.8	10.9	9.2	10.0	12.8	12.0	12.3	18.7	17.5	18.0
9	7.7	6.2	7.0	11.8	10.1	10.9	12.0	11.4	11.6	18.8	17.7	18.3
10	7.3	6.8	7.1	11.7	10.6	11.2	11.6	11.0	11.3	18.8	18.0	18.4
11	8.0	6.3	7.1	10.6	9.8	10.2	11.6	11.3	11.5	19.5	18.5	19.0
12	8.9	7.1	7.9	11.8	10.1	10.9	13.1	11.2	11.9	19.4	18.2	18.9
13	8.3	6.8	7.6	12.6	11.0	11.8	13.8	12.3	13.0	18.2	16.7	17.2
14	8.5	6.9	7.8	12.5	11.1	12.0	13.9	12.6	13.3	16.7	15.6	16.2
15	9.2	8.5	8.8	11.8	10.6	11.2	14.3	12.8	13.6	16.6	16.0	16.3
16	8.8	8.0	8.4	13.2	11.8	12.5	15.0	13.8	14.3	17.3	16.1	16.6
17	8.0	7.4	7.7	13.4	13.0	13.2	14.9	14.1	14.5	17.1	15.8	16.4
18	7.8	7.1	7.4	13.6	13.1	13.3	14.5	13.9	14.0	15.8	14.9	15.3
19	8.6	7.1	7.8	13.3	12.6	12.9	14.2	13.8	13.9	15.3	14.6	14.9
20	9.4	8.3	8.8	13.7	12.6	13.0	14.2	13.2	13.7	16.4	14.9	15.6
21	9.6	8.4	9.0	14.7	13.7	14.2	14.5	13.6	14.0	16.8	15.9	16.4
22	11.9	9.6	10.7	15.0	13.5	14.2	15.1	14.4	14.7	16.9	16.8	16.9
23	12.2	10.9	11.9	14.3	13.5	13.9	15.0	14.2	14.5	16.9	16.7	16.8
24	11.0	9.6	10.4	14.5	13.1	13.8	14.3	13.2	13.8	17.1	16.4	16.7
25	10.9	10.1	10.5	14.2	12.6	13.4	14.2	13.7	13.9	17.7	16.6	17.1
26	10.1	9.3	9.5	14.6	12.9	13.8	15.2	14.2	14.6	18.5	17.5	18.0
27	9.3	9.1	9.2	14.4	13.7	14.0	15.6	14.8	15.1	18.4	17.5	17.9
28	9.2	8.8	8.9	15.0	13.1	14.1	15.8	14.4	15.1	17.7	16.9	17.3
29	---	---	---	15.4	14.1	14.8	16.4	14.9	15.6	17.6	17.0	17.3
30	---	---	---	15.3	12.6	14.3	16.8	15.7	16.3	17.8	17.1	17.4
31	---	---	---	12.6	11.5	12.1	---	---	---	17.7	17.3	17.4
MONTH	12.2	6.1	8.5	15.4	8.8	12.3	16.8	10.9	13.8	19.5	13.6	16.8

PAMLICO RIVER BASIN

02084557 VAN SWAMP NEAR HOKE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.4	16.9	17.2	21.5	20.5	20.8	23.4	22.8	23.2	22.3	21.7	22.0
2	17.2	16.5	16.8	20.8	20.1	20.3	23.4	23.0	23.2	22.2	21.6	21.9
3	17.1	16.4	16.7	21.3	20.3	20.7	23.4	22.9	23.0	22.3	21.6	21.9
4	17.3	17.0	17.1	22.3	20.6	21.3	22.9	22.6	22.7	22.6	21.6	22.1
5	17.6	17.2	17.4	23.4	21.6	22.3	22.7	22.2	22.5	22.1	21.5	21.8
6	17.6	16.9	17.1	23.8	22.3	23.0	22.6	22.3	22.5	21.5	20.2	20.7
7	17.4	17.0	17.2	23.7	22.8	23.3	23.2	22.2	22.6	20.5	20.0	20.3
8	17.8	17.4	17.6	23.8	22.8	23.3	23.3	22.6	22.9	20.7	20.3	20.5
9	18.4	17.8	18.1	24.4	23.1	23.8	23.0	22.6	22.8	21.1	20.3	20.7
10	18.7	18.1	18.4	24.2	23.4	23.8	22.7	22.4	22.5	20.8	19.7	20.4
11	20.8	18.6	20.1	24.0	23.2	23.6	23.4	22.2	22.7	19.7	18.6	19.1
12	20.3	19.8	20.1	23.6	22.9	23.2	23.5	22.9	23.2	20.7	19.2	19.7
13	20.0	19.6	19.8	23.2	22.0	22.8	23.4	22.9	23.2	20.8	20.5	20.6
14	19.8	19.3	19.5	22.3	21.7	22.0	23.1	22.7	22.9	21.1	20.0	20.5
15	19.8	19.2	19.5	23.0	21.4	22.1	23.0	22.6	22.8	21.2	20.5	20.9
16	19.8	19.3	19.5	23.7	22.0	22.7	23.0	22.6	22.8	21.2	20.5	20.8
17	19.4	18.8	19.0	23.6	22.7	23.0	22.6	22.3	22.4	20.5	19.3	19.7
18	19.4	18.6	18.9	23.0	22.2	22.6	22.4	22.0	22.1	21.5	19.8	20.6
19	19.9	19.0	19.4	22.9	22.4	22.6	22.6	22.0	22.3	21.9	20.7	21.2
20	19.8	19.6	19.7	22.5	21.6	22.1	23.1	22.3	22.6	21.7	20.9	21.3
21	19.6	18.9	19.2	23.1	22.2	22.6	23.3	22.6	22.9	21.9	21.1	21.5
22	18.9	17.9	18.3	23.8	23.0	23.4	23.4	22.9	23.1	21.8	21.2	21.5
23	19.2	17.9	18.4	23.6	22.8	23.2	23.2	22.8	22.9	21.8	21.5	21.6
24	19.6	18.1	18.8	22.9	22.3	22.6	22.9	22.0	22.4	21.5	20.6	21.0
25	20.4	18.5	19.3	23.0	22.7	22.9	22.0	21.1	21.5	20.9	20.2	20.6
26	20.9	19.2	20.0	23.4	22.6	22.9	22.0	21.5	21.7	20.7	20.0	20.4
27	21.4	20.0	20.6	23.4	22.3	22.7	22.3	21.8	22.0	20.8	20.3	20.6
28	20.9	20.4	20.7	23.3	22.6	22.8	22.5	22.0	22.3	21.2	20.7	20.9
29	21.2	19.9	20.5	22.9	22.2	22.5	22.6	22.1	22.3	21.0	19.6	20.2
30	21.5	20.2	20.9	23.2	22.3	22.7	22.8	22.2	22.5	19.6	18.5	18.9
31	---	---	---	23.4	22.5	23.0	22.7	22.3	22.5	---	---	---
MONTH	21.5	16.4	18.9	24.4	20.1	22.6	23.5	21.1	22.6	22.6	18.5	20.8