

NEUSE RIVER BASIN

0209173200 SANDY RUN NEAR LIZZIE, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to September 2002 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1999 to September 2002.

WATER TEMPERATURE: April 1999 to September 2002.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from April 1999 to September 2002.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS). The water-quality monitor was inundated by floodwaters from Hurricane Floyd on September 16, 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	328, January 2, 5, 6, 12, 2002	29, September 15, 1999
WATER TEMPERATURE, °C	29.4, July 30, 2002	0.1, January 28, 29, 2000

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	328, January 2, 5, 6, 12	80, April 1, 5
WATER TEMPERATURE, °C	29.4, July 30	0.3, January 7, 8

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

Date	Time	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (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)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + DIS-ORGANIC (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + DIS-ORGANIC TOTAL (MG/L AS N) (00625)
OCT													
29...	1340	781	--	--	6.4	131	19.2	15.0	.10	4.00	<.01	E.40	E.70
NOV													
19...	1245	769	3.1	29	6.3	156	12.0	16.8	2.7	3.9	E.02	.44	.56
DEC													
19...	1055	766	.6	6	6.2	205	10.9	28.9	9.2	3.4	.11	.75	1.0
JAN													
22...	1120	777	9.9	77	6.1	158	5.7	23.1	5.1	12.5	E.03	.66	.78
FEB													
21...	1100	764	6.8	63	6.0	155	12.4	25.0	1.4	9.5	.06	.66	.80
MAR													
25...	1310	770	8.6	83	6.2	140	14.0	22.6	1.1	4.5	<.04	.71	.78
APR													
09...	0840	773	5.1	50	6.0	123	14.9	17.5	1.8	6.4	E.03	.73	.86
MAY													
09...	0945	769	2.2	25	6.2	156	22.7	17.4	1.7	4.5	.07	.84	1.1
JUN													
27...	1305	766	.1	--	6.4	210	--	14.2	2.7	2.2	<.04	.56	.74
JUL													
25...	1140	767	M	0	6.9	200	25.7	12.6	4.8	.5	.09	1.3	2.2
AUG													
21...	1130	767	.2	--	6.7	196	--	12.5	3.5	.4	.23	1.3	1.8
SEP													
18...	1115	765	.2	2	6.3	150	22.6	12.7	1.4	.4	.07	.91	1.4

0209173200 SANDY RUN NEAR LIZZIE, NC--Continued

Date	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	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 DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)
OCT 29...	--	--	--	--	<.02	--	<.010	--	--	--	--	<.02	<.01
NOV 19...	--	--	--	--	<.05	--	<.008	--	--	--	--	.035	E.01
DEC 19...	.14	--	--	--	<.05	--	<.008	.64	.93	--	.503	.20	.16
JAN 22...	--	1.6	--	--	.97	--	E.007	--	--	1.8	.218	.094	.07
FEB 21...	.08	1.2	.49	2.17	.50	.026	.008	.60	.74	1.3	.175	.082	.06
MAR 25...	--	.78	--	--	.08	--	<.008	--	--	.86	.307	.129	.10
APR 09...	--	.97	--	--	.24	--	E.005	--	--	1.1	.239	.107	.08
MAY 09...	.09	1.1	.28	1.24	.30	.069	.021	.77	1.0	1.4	.402	.162	.13
JUN 27...	--	--	--	--	<.05	--	<.008	--	--	--	.141	.067	.05
JUL 25...	.12	--	--	--	<.05	--	<.008	1.2	2.1	--	1.28	.49	.42
AUG 21...	.30	--	--	--	<.05	--	<.008	1.0	1.5	--	.800	.29	.26
SEP 18...	.09	--	--	--	<.05	--	<.008	.84	1.4	--	.086	.050	.03

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

Date	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
OCT 29...	E.16	151
NOV 19...	.147	230
DEC 19...	.81	1970
JAN 22...	.131	412
FEB 21...	.135	571
MAR 25...	.184	894
APR 09...	.179	833
MAY 09...	.23	1260
JUN 27...	.20	426
JUL 25...	1.28	5180
AUG 21...	1.05	3490
SEP 18...	.45	433

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

NEUSE RIVER BASIN

0209173200 SANDY RUN NEAR LIZZIE, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	122	120	121	133	132	132	207	196	201	176	174	175
2	121	120	121	134	132	133	224	204	212	328	172	178
3	121	120	121	135	132	134	252	219	239	320	221	235
4	122	120	121	135	133	135	254	230	241	230	222	225
5	122	120	121	140	135	138	247	229	234	328	230	237
6	124	122	122	141	138	139	234	224	227	328	174	274
7	124	118	120	141	139	140	236	228	230	213	191	202
8	119	117	118	142	140	141	241	231	235	193	175	182
9	119	117	118	146	141	143	247	239	242	176	174	175
10	121	119	120	145	142	143	243	216	222	181	176	178
11	122	120	121	148	144	146	219	210	214	182	180	181
12	124	121	122	149	146	147	216	208	211	328	179	197
13	124	122	123	150	147	148	221	212	216	190	166	176
14	124	121	122	151	149	150	228	220	224	170	161	164
15	125	122	123	154	150	152	243	227	234	167	163	165
16	125	122	124	155	152	154	244	219	230	166	164	165
17	127	123	125	157	154	155	223	211	215	169	165	167
18	126	124	125	156	154	155	221	214	217	171	168	169
19	126	124	125	157	154	155	218	204	208	172	163	169
20	127	125	126	159	154	156	208	199	201	174	161	167
21	127	126	126	159	157	158	200	194	197	171	156	158
22	128	126	128	160	157	159	196	193	195	159	150	157
23	129	127	128	163	160	161	194	191	193	157	141	152
24	130	128	129	164	161	162	193	190	192	151	140	144
25	131	129	130	169	163	166	192	189	190	141	139	140
26	133	129	131	172	166	169	189	186	188	144	140	142
27	135	131	133	177	170	173	186	184	185	148	143	145
28	133	131	132	183	176	179	184	182	183	151	146	149
29	133	130	132	190	179	185	182	179	180	153	149	151
30	132	129	131	196	183	190	179	177	178	154	152	153
31	132	131	132	---	---	---	178	175	177	156	153	155
MONTH	135	117	125	196	132	153	254	175	210	328	139	175

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	161	155	158	---	---	---	108	80	94	158	122	148
2	162	159	160	---	---	---	97	90	94	159	136	157
3	160	154	158	---	---	---	103	97	100	159	157	158
4	154	152	153	---	---	---	110	92	106	161	148	157
5	152	150	151	---	---	---	113	80	110	149	144	147
6	152	149	150	---	---	---	114	111	113	150	143	149
7	149	133	141	---	---	---	116	113	114	152	149	150
8	138	116	129	---	---	---	119	116	118	157	145	154
9	128	125	126	---	---	---	121	118	120	157	155	156
10	128	124	127	---	---	---	122	116	119	156	126	143
11	128	124	126	---	---	---	126	118	123	158	123	141
12	126	124	125	---	---	---	---	---	---	159	136	157
13	124	123	124	---	---	---	---	---	---	159	123	141
14	124	123	123	---	---	---	---	---	---	156	114	137
15	124	122	123	---	---	---	---	---	---	146	138	140
16	125	123	124	---	---	---	---	---	---	142	123	137
17	128	123	126	---	---	---	---	---	---	137	134	136
18	130	126	128	146	144	145	---	---	---	137	132	136
19	---	---	---	146	145	146	132	127	129	133	127	129
20	---	---	---	150	144	147	133	128	132	127	124	125
21	---	---	---	147	141	144	138	133	136	127	123	125
22	---	---	---	144	138	141	142	133	140	128	124	126
23	---	---	---	142	138	140	144	133	142	128	125	127
24	---	---	---	145	138	140	145	132	143	130	124	128
25	---	---	---	152	131	138	146	144	145	132	128	130
26	---	---	---	166	133	136	150	111	140	132	127	130
27	---	---	---	136	129	133	155	116	135	133	128	131
28	---	---	---	133	127	130	158	116	137	134	128	133
29	---	---	---	130	124	128	156	117	144	137	132	135
30	---	---	---	130	123	128	158	155	157	141	136	138
31	---	---	---	129	81	121	---	---	---	140	135	138
MONTH	---	---	---	---	---	---	---	---	---	161	114	140

## 0209173200 SANDY RUN NEAR LIZZIE, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	142	136	138	161	148	157	176	161	168	157	137	148
2	145	138	141	164	152	159	193	176	185	158	135	143
3	154	144	148	164	151	158	198	180	192	147	130	138
4	155	144	150	165	152	159	204	192	198	141	131	136
5	155	144	149	163	150	158	205	194	202	140	134	137
6	155	141	148	182	155	170	207	201	205	140	122	134
7	160	145	153	177	165	172	211	177	188	145	125	134
8	162	127	138	176	155	165	188	168	176	142	131	138
9	146	128	133	172	162	167	180	166	172	140	130	138
10	140	132	135	174	160	167	178	166	171	143	135	138
11	143	132	137	171	160	167	179	172	175	143	130	138
12	144	134	138	185	157	170	185	174	180	145	135	141
13	143	134	138	187	167	174	191	183	187	145	134	141
14	140	132	137	185	170	176	---	---	---	146	138	142
15	163	138	150	197	133	163	---	---	---	150	140	144
16	172	154	161	---	---	---	---	---	---	158	147	152
17	161	150	156	120	116	118	---	---	---	158	152	155
18	162	149	157	124	119	122	---	---	---	161	147	157
19	161	146	154	140	124	134	---	---	---	162	149	155
20	161	147	155	159	140	151	---	---	---	160	147	156
21	162	146	154	186	158	175	---	---	---	165	154	158
22	160	144	153	194	185	188	203	192	199	170	152	162
23	163	145	154	200	190	194	200	192	196	165	161	163
24	166	146	156	202	196	199	195	184	192	164	150	159
25	159	142	152	213	196	202	193	178	186	167	152	160
26	175	145	154	216	173	197	186	178	182	172	152	163
27	165	151	160	196	188	193	181	161	170	171	154	165
28	170	162	165	196	121	151	176	149	165	174	164	168
29	184	147	155	136	110	122	172	144	157	174	151	165
30	157	151	154	140	118	127	164	140	151	172	158	165
31	---	---	---	168	140	156	164	134	144	---	---	---
MONTH	184	127	149	---	---	---	---	---	---	174	122	150

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.6	15.8	16.2	11.8	11.3	11.6	13.9	13.3	13.6	5.6	4.9	5.2
2	16.3	15.6	16.0	12.5	11.8	12.2	14.8	13.8	14.1	5.1	3.5	4.4
3	16.5	16.0	16.2	13.2	12.5	12.8	14.8	13.6	14.0	3.5	2.1	2.4
4	17.0	16.5	16.7	14.2	13.2	13.7	13.7	12.6	12.9	3.0	2.4	2.8
5	17.6	17.0	17.3	14.2	13.4	13.9	12.6	11.4	11.8	3.7	2.3	3.2
6	17.9	17.6	17.8	13.4	12.1	12.5	11.5	11.0	11.2	3.1	0.6	1.7
7	18.0	17.2	17.6	12.1	11.0	11.3	11.4	11.1	11.2	1.8	0.3	1.0
8	17.5	15.6	16.2	11.3	10.9	11.1	11.7	11.4	11.5	2.9	0.3	1.6
9	15.9	14.1	14.7	11.7	11.0	11.3	12.6	11.7	12.1	3.9	0.5	2.2
10	14.7	14.4	14.6	11.6	10.7	11.1	12.6	11.8	12.0	6.7	3.1	4.8
11	15.2	14.7	15.0	11.7	11.1	11.4	11.8	11.6	11.7	9.0	5.8	7.2
12	15.7	15.2	15.5	11.7	11.1	11.4	12.0	11.7	11.9	7.4	4.7	5.9
13	16.1	15.7	15.9	11.3	10.2	10.5	12.2	12.0	12.1	8.2	5.7	6.8
14	16.7	16.1	16.4	10.7	10.4	10.6	12.5	12.2	12.3	7.2	4.2	5.8
15	17.2	16.6	16.9	11.4	10.7	11.1	12.9	12.3	12.5	9.2	6.1	7.6
16	17.3	17.1	17.2	11.8	11.3	11.5	12.9	12.1	12.4	7.6	5.3	6.6
17	17.3	16.1	16.6	12.3	11.7	12.0	12.1	10.9	11.3	8.6	5.6	7.1
18	16.3	14.6	15.1	12.4	12.1	12.3	11.6	11.0	11.3	9.3	7.5	8.3
19	14.9	14.0	14.3	12.4	11.9	12.1	11.6	10.7	11.0	8.0	6.7	7.0
20	14.8	14.2	14.5	12.6	12.0	12.3	10.8	9.7	10.2	8.4	6.0	7.0
21	15.4	14.8	15.1	12.3	11.1	11.6	9.7	8.0	8.6	7.2	5.8	6.5
22	15.9	15.4	15.7	11.1	9.9	10.2	8.1	6.8	7.2	8.6	5.0	6.7
23	16.5	15.9	16.2	10.1	9.8	10.0	7.4	6.0	6.6	9.1	6.7	7.7
24	16.9	16.4	16.7	10.5	10.0	10.2	7.8	7.1	7.3	12.8	8.9	11.0
25	17.4	16.9	17.1	11.0	10.5	10.7	7.6	7.1	7.4	12.9	10.0	12.2
26	17.4	16.6	17.1	11.5	10.9	11.2	7.4	7.0	7.2	10.8	7.3	9.1
27	16.6	14.2	15.0	11.8	11.4	11.6	7.0	6.0	6.3	11.7	7.1	9.3
28	14.2	12.5	13.0	12.3	11.8	12.1	6.0	5.2	5.5	13.5	9.6	11.3
29	12.5	11.1	11.5	12.8	12.3	12.6	6.1	5.2	5.6	14.4	10.1	12.3
30	11.5	10.6	10.9	13.6	12.7	13.1	5.9	5.2	5.5	16.7	12.2	14.4
31	11.3	10.8	11.0	---	---	---	5.3	4.9	5.1	17.6	14.4	15.9
MONTH	18.0	10.6	15.5	14.2	9.8	11.7	14.8	4.9	10.1	17.6	0.3	6.9

## NEUSE RIVER BASIN

0209173200 SANDY RUN NEAR LIZZIE, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.7	16.2	17.7	9.4	4.8	7.1	18.2	15.2	16.6	19.6	19.2	19.5
2	18.4	11.7	14.7	10.3	5.7	7.2	20.2	15.2	17.7	20.6	19.6	20.1
3	11.7	9.1	10.2	13.7	10.3	12.2	22.9	17.4	19.8	21.3	20.6	21.0
4	9.9	6.5	8.5	13.0	8.1	10.8	19.7	15.3	17.2	21.4	18.1	20.3
5	6.5	3.3	5.0	10.8	5.1	7.8	18.3	13.1	15.4	18.1	16.0	16.6
6	5.8	4.3	5.1	11.9	5.4	8.6	15.9	12.0	13.8	16.7	15.3	15.9
7	7.8	5.8	6.8	13.8	7.4	10.6	16.8	9.9	13.1	17.6	16.0	16.8
8	10.8	6.4	8.4	15.7	9.6	12.7	18.7	11.0	14.7	19.0	17.6	18.3
9	11.5	6.7	8.9	17.4	12.9	14.8	21.0	14.8	17.9	20.3	19.0	19.6
10	11.7	7.9	9.8	17.8	14.7	16.4	19.9	16.2	17.8	21.4	20.2	20.8
11	12.8	9.6	11.1	14.7	10.7	12.4	21.2	13.9	17.2	22.0	21.3	21.6
12	11.6	6.9	9.2	13.5	11.7	12.6	22.2	17.1	19.3	22.1	21.6	21.9
13	11.0	7.3	9.0	14.9	13.2	14.0	21.7	17.8	19.7	23.0	22.0	22.3
14	10.4	6.5	8.4	19.4	13.5	16.0	24.1	18.4	20.9	22.9	19.5	20.5
15	10.7	5.4	8.1	20.6	14.6	17.5	25.3	19.7	22.1	20.4	17.6	18.5
16	12.6	8.3	10.4	22.3	16.2	19.2	26.9	20.8	23.7	19.0	18.0	18.5
17	11.3	8.5	9.8	20.6	14.9	17.0	27.7	21.9	24.7	20.0	18.8	19.6
18	9.4	5.8	7.7	16.3	13.6	14.8	28.0	22.6	25.3	21.1	19.9	20.5
19	9.4	5.2	7.5	15.8	13.1	14.5	27.7	23.3	25.4	20.4	17.1	18.5
20	11.7	8.2	9.8	18.4	13.2	14.8	26.5	22.3	24.5	17.8	14.9	16.1
21	14.8	11.7	12.5	18.1	14.2	15.9	26.6	22.7	24.7	17.8	15.2	16.0
22	13.7	10.4	12.0	15.4	10.9	13.2	25.4	22.5	24.1	16.8	15.7	16.1
23	12.1	9.0	10.2	14.5	8.2	11.4	23.5	19.7	21.3	16.2	15.9	16.1
24	11.1	7.2	9.0	16.1	9.4	12.6	20.3	17.3	18.8	16.8	16.2	16.5
25	10.5	7.0	8.5	16.9	12.5	14.4	20.1	18.7	19.1	17.6	16.8	17.2
26	12.1	8.7	9.8	17.9	13.9	15.9	19.5	17.8	18.4	18.5	17.6	18.0
27	12.7	9.2	11.6	18.5	15.7	17.2	18.4	17.2	17.7	19.6	18.4	19.0
28	9.2	5.5	6.8	17.9	11.9	14.8	18.3	17.5	17.9	20.5	19.5	20.0
29	---	---	---	18.4	11.4	14.9	19.7	18.3	19.0	20.9	20.3	20.6
30	---	---	---	19.1	15.3	17.2	19.6	19.2	19.5	21.5	20.8	21.1
31	---	---	---	19.3	15.4	17.7	---	---	---	22.0	21.3	21.6
MONTH	19.7	3.3	9.5	22.3	4.8	13.7	28.0	9.9	19.6	23.0	14.9	19.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.7	21.8	22.3	25.2	25.0	25.0	28.0	26.5	26.9	24.0	23.8	23.8
2	23.0	22.6	22.8	25.4	25.0	25.2	26.6	26.2	26.4	23.9	23.4	23.5
3	23.4	22.8	23.0	25.6	25.2	25.5	26.3	25.8	26.0	23.4	22.7	22.9
4	23.9	23.2	23.6	26.0	25.5	25.8	25.8	25.6	25.7	23.6	22.8	23.0
5	24.3	23.8	24.0	26.5	25.9	26.2	25.6	25.4	25.5	23.5	23.1	23.3
6	24.8	24.2	24.4	26.3	25.8	26.0	25.4	25.2	25.3	23.6	23.0	23.2
7	24.7	24.5	24.6	25.8	25.3	25.5	25.2	24.1	24.5	23.1	22.4	22.6
8	24.6	23.1	23.5	25.3	24.8	25.0	24.2	23.1	23.4	22.6	22.3	22.4
9	23.2	22.3	22.6	25.1	24.8	25.0	23.1	22.5	22.7	22.7	22.4	22.5
10	22.5	22.2	22.4	25.6	25.1	25.4	22.6	22.1	22.3	23.1	22.7	22.9
11	22.9	22.4	22.6	25.8	25.5	25.7	22.2	22.1	22.1	23.2	22.7	22.9
12	23.5	22.8	23.1	25.5	24.1	24.4	22.5	22.1	22.3	22.9	22.1	22.4
13	24.0	23.4	23.7	24.2	23.9	24.0	22.8	22.4	22.6	22.3	21.4	21.6
14	24.7	24.0	24.3	24.3	24.0	24.1	---	---	---	21.7	21.5	21.6
15	24.6	24.1	24.3	24.2	23.7	23.9	---	---	---	21.8	21.6	21.7
16	24.3	23.9	24.1	---	---	---	---	---	---	22.4	21.8	22.2
17	24.4	24.1	24.2	27.9	24.8	26.1	---	---	---	22.6	22.4	22.5
18	24.3	24.1	24.2	27.0	25.4	26.1	---	---	---	22.8	22.5	22.6
19	24.2	24.1	24.2	27.3	26.5	26.7	---	---	---	22.7	22.3	22.5
20	24.2	24.0	24.1	27.2	26.7	26.9	---	---	---	22.6	22.3	22.4
21	24.2	24.0	24.1	27.0	26.2	26.5	---	---	---	22.6	22.0	22.2
22	24.2	24.0	24.1	26.2	26.0	26.1	25.1	24.8	24.9	22.3	21.8	22.0
23	24.3	23.9	24.1	26.0	25.7	25.9	25.2	24.9	25.0	22.4	22.0	22.3
24	24.6	24.1	24.4	25.8	25.6	25.7	25.5	25.1	25.3	22.5	22.0	22.1
25	25.0	24.5	24.7	25.7	25.6	25.7	25.8	25.5	25.6	22.2	21.6	21.7
26	25.3	24.2	25.0	25.6	25.3	25.5	25.9	25.6	25.8	21.8	21.6	21.7
27	26.5	25.1	25.7	25.4	25.3	25.3	25.8	25.4	25.5	22.2	21.8	22.0
28	26.4	25.9	26.1	25.6	24.9	25.1	25.5	25.0	25.2	22.8	22.2	22.5
29	26.0	24.4	24.8	28.3	25.0	26.3	25.0	24.7	24.8	22.8	22.2	22.4
30	25.0	24.6	24.8	29.4	27.0	28.0	24.8	24.3	24.4	22.3	21.7	21.9
31	---	---	---	28.9	27.2	27.6	24.4	23.9	24.0	---	---	---
MONTH	26.5	21.8	24.0	---	---	---	---	---	---	24.0	21.4	22.4