02081190 TAR RIVER NEAR BEREA, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2002 to November 2003 (discontinued).

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: August 2002 to November 2003.

INSTRUMENTATION.--Logging pressure transducer with water temperature probe.

REMARKS.--Station operated as part of NAWQA Urban Land Use Gradient study.

EXTREMES FOR PERIOD OF DAILY RECORD.--

 $WATER\ TEMPERATURE:\ Maximum\ recorded,\ 26.5^{\circ}C,\ Aug.\ 7,\ 2003;\ minimum\ recorded,\ 0.8^{\circ}C,\ Dec.\ 4,\ 5,\ 2002.$

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

						D:-		C:£				Ammonia	
Date	Time	Medium code	Instantaneous discharge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
MAR 04	1230	9	E55	753	10.8	91	6.3	44	7.2	3.01	6.0	0.31	< 0.04
MAY 16	1015	D	E11					69	18.0				
JUN 24	1405	9			8.4		6.5	66	22.6				
JUL		9											
07 16	1100 1100	9	E6.9	750	8.1	 97	7.0	78	23.7	3.96	2.0	0.32	< 0.04
	Nitrite + nitrate water fltrd, mg/L	Nitrite water, fltrd, mg/L	Ortho- phos- phate, water, fltrd, mg/L	Particulate nitrogen, susp, water,	Phos- phorus, water, unfltrd	Total nitro- gen, water, unfltrd	Total carbon, suspnd sedimnt total,	Inor- ganic carbon, suspnd sedimnt total,	Organic carbon, suspnd sedimnt total,	Organic carbon, water, fltrd,	Biomass peri- phyton, ashfree drymass	Periphyton biomass ash weight,	Peri- phyton biomass dry weight,
Date	as N (00631)	as N (00613)	as P (00671)	mg/L (49570)	mg/L (00665)	mg/L (00600)	mg/L (00694)	mg/L (00688)	mg/L (00689)	mg/L (00681)	g/m2 (49954)	g/m2 (00572)	g/m2 (00573)
MAR 04 MAY	0.12	< 0.008	< 0.02	< 0.02	0.024	0.43	0.2	<0.1	0.2	6.4			
16 JUN											15.800	45	60.50
24 JUL													
07 16	0.11	<0.008	<0.02	0.03	0.021	0.43	0.3	<0.1	0.3	5.0			
10	0.11	<0.000	₹0.02	0.03	0.021	0.43	0.3	\0.1	0.3	5.0			
Date	Biomass chloro- phyll ratio, peri- phyton, number (70950)	Pheo- phytin a, peri- phyton, mg/m2 (62359)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Chloro- phyll a peri- phyton, chromo- fluoro, mg/m2 (70957)	1-Naph- thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	2-[(2- Et-6-Me -Ph)- -amino] propan- 1-ol, ug/L (61615)	2Chloro -2,6'-' diethyl acet- anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, ug/L (61620)	3,4-Di- chloro- aniline water fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto- chlor, water, fltrd, ug/L (49260)
MAR 04			K15		< 0.09	< 0.006	< 0.1	< 0.005	E.002	< 0.004	< 0.004	< 0.006	< 0.006
MAY 16	1,400	7.8	K13	11.3	<0.09 	\0.000		\0.00J	L.002	\0.00 1		\0.000	
JUN													
24 JUL													
07 16			74 		< 0.09	< 0.006	<0.1	< 0.005	E.010	< 0.004	< 0.004	< 0.006	< 0.006

02081190 TAR RIVER NEAR BEREA, NC—Continued

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

Date	Ala- chlor, water, fltrd, ug/L (46342)	Atrazine, water, fltrd, ug/L (39632)	Azin- phos- methyl oxon, water, fltrd, ug/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyflu- thrin, water, fltrd, ug/L (61585)	Cyper- methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)
MAR 04	< 0.004	< 0.007	< 0.02	< 0.050	< 0.010	< 0.041	< 0.06	< 0.005	< 0.006	< 0.008	< 0.009	< 0.003	< 0.004
MAY 16													
JUN 24													
JUL 07													
16	< 0.004	0.024	< 0.02	< 0.050	< 0.010	< 0.041	< 0.06	< 0.005	< 0.006	< 0.008	< 0.009	< 0.003	< 0.004
Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Dicrotophos, water fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)
MAR 04	< 0.04	0.189	< 0.08	< 0.005	< 0.006	< 0.03	< 0.004	< 0.008	< 0.03	< 0.03	< 0.009	< 0.005	< 0.005
MAY 16													
JUN 24													
JUL 07													
16	< 0.01	< 0.005	< 0.08	< 0.005	< 0.006	< 0.03	< 0.004	< 0.008	< 0.03	< 0.03	< 0.009	< 0.005	< 0.005
Date	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	Iprodione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)
MAR 04 MAY	< 0.007	< 0.002	< 0.003		<1	< 0.003	< 0.008	< 0.027	< 0.005	< 0.006	< 0.03	< 0.006	E.003
16 JUN													
24 JUL													
07 16	<0.007	<0.002	<0.003	<0.013	 <1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	E.006
Date	Metri- buzin, water, fltrd, ug/L (82630)	Myclo- butanil water, fltrd, ug/L (61599)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)
MAR 04	< 0.006	< 0.008	< 0.022	< 0.10	< 0.011	< 0.06	< 0.008	< 0.01	< 0.005	< 0.004	< 0.005	< 0.02	< 0.07
MAY 16													
JUN 24 JUL													
07 16	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	< 0.008	 M	<0.005	<0.004	0.009	<0.02	<0.07

02081190 TAR RIVER NEAR BEREA, NC—Continued

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

Date	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)
MAR 04 MAY	< 0.02	< 0.01	< 0.009	< 0.01	95	6
16 JUN						
24 JUL						
07 16	<0.02	<0.01	< 0.009	<0.01	 92	4

Remark codes used in this table:
< -- Less than
E -- Estimated value
M-- Presence verified, not quantified
K -- Counts outside the acceptable range

Medium codes used in this table: 9 - Surface Water D - Plant tissue

TEMPERATURE, WATER, DEGREES CELSIUS AUGUST TO SEPTEMBER 2002

						TO DEL TEN	DDI(2002					
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	ER
1										20.2	19.4	19.8
2										20.2	19.5	20.0
3										20.6	19.3	20.0
4												
5												
3												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30							20.1	19.1	19.6			
31							19.7	19.1	19.4			
MONTH												

02081190 TAR RIVER NEAR BEREA, NC—Continued

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

D.1.17	3.5.437	M	MEAN				IO SEFTEM		MEAN	3.5.4.37	M	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
$\frac{1}{2}$										10.6	8.0	9.5
3										10.6 9.5	9.5 8.4	9.9 9.2
4										8.4	6.1	7.3
5							5.1	0.8	2.9	6.1	5.2	5.7
6							4.3	2.6	3.3	6.0	4.7	5.3
7 8							2.9 3.5	1.7 2.0	2.4 2.8	5.6 7.7	3.4 4.4	4.4 5.7
9							4.2	3.4	3.8			
10							4.2	3.6	3.9			
11							4.3	4.0	4.2			
12 13							5.5 5.7	4.2 5.4	4.9 5.5			
14							6.4	5.4	5.9			
15				12.2	10.3	11.2	6.5	5.6	6.1			
16				12.9	11.9	12.5	7.2	5.5	6.3			
17 18				12.3 10.9	10.9 9.1	11.7 9.8	6.8 8.1	5.7 5.9	6.3 6.7			
19				9.6	8.1	8.9	8.1	6.9	7.5			
20				9.7	7.9	8.9	10.7	8.0	9.5			
21				10.5	8.8	9.7	9.0	7.3	8.2			
22 23							9.4 9.6	6.4 6.1	7.7 7.5			
24							7.6	6.6	7.3			
25							6.6	5.8	6.2			
26							5.8	4.8	5.3			
27							5.1	3.8	4.5			
28 29							4.8 5.6	3.4 3.8	4.2 4.8	6.5	3.1	5.0
30							6.8	4.1	5.5	5.8	2.3	3.4
31							8.8	5.2	6.7	3.1	2.2	2.6
MONTH												
]	FEBRUARY	Y		MARCH			APRIL			MAY	
1	4.7	3.1	3.9	6.3	4.5	5.2	12.3	9.4	10.8			
2	5.7	3.9	4.7	9.0	6.3	7.5	15.7	11.6	13.7			
3 4	6.8 9.4	4.4 6.7	5.7 7.9	9.0 9.2	7.7 6.9	8.5 8.2	18.3 18.6	13.9 14.9	16.0 16.9			
5	8.6	6.4	7.3	11.8	8.8	10.4	18.2	15.9	17.0			
6	6.8	5.0	5.8	12.6	11.6	12.2	18.4	14.5	16.5			
7	5.4	4.7	5.0	12.5	8.7	10.4	16.0	9.9	12.0			
8 9	5.1 5.2	4.2 3.7	4.7 4.4	10.2 13.0	7.2 9.6	8.9 11.2	9.9 9.8	9.6 8.6	9.7 9.1			
10	5.5	4.6	5.0	12.6	9.8	11.1	9.3	8.8	8.9			
11	6.1	4.1	5.2	9.8	7.8	8.7	9.7	8.6	9.0			
12	7.6	4.6	5.8	13.1	6.3	9.6	13.4	9.7	11.4			
13 14	7.2 6.4	3.4 4.1	5.3 5.4	15.0 13.7	9.0 11.6	12.2 12.7	15.5 16.7	12.1 13.2	13.8 14.9	20.9 20.7	15.2 12.8	17.6 16.5
15	6.9	5.8	6.3	11.6	10.2	10.6				18.3	14.8	16.6
16	5.8	2.7	4.5	11.2	9.8	10.6				18.7	16.2	17.3
17	2.7	1.4	1.9	12.5	11.2	11.8				16.7	15.1	16.0
18	5.2	2.1	3.5	13.8	12.1	12.9				15.1	13.8	14.4
19 20	4.8 6.4	3.1 4.8	4.0 5.6	13.4 11.7	11.7 8.6	12.7 9.5				14.7 17.1	13.5 13.7	14.1 15.2
21	7.0	6.1	6.6	11.5	8.7	9.9				16.9	14.8	15.8
22	7.7	7.0	7.1	13.6	11.1	12.4				16.3	15.0	15.7
23	9.5	7.7	8.8	14.3	11.6	13.1				15.9	15.4	15.7
24 25	9.3 9.2	7.3 7.8	8.3 8.6	15.6 16.9	12.7 12.3	14.1 14.6				16.5 17.6	15.3 15.8	15.9 16.7
26 27	8.3 6.2	6.2 4.0	7.3 5.2	18.2 18.4	13.6 14.1	15.8 16.1				18.8 18.2	17.2 16.2	18.0 17.2
28	4.7	3.8	4.2	19.1	13.9	16.2						
29 30				19.6 18.1	16.6 10.1	17.9 13.9						
31				10.7	8.7	9.8						
MONTH	9.5	1.4	5.6	19.6	4.5	11.6						
MONIU	9.3	1.4	5.0	19.0	4.3	11.0						

02081190 TAR RIVER NEAR BEREA, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	R.
1 2				23.1 21.3	21.3 19.6	22.0 20.2						
3				20.2	19.9	20.1						
4 5	20.9	18.0	19.3	21.9	19.4	20.6						
6	22.6	17.0	19.5									
7	20.3	17.0	19.5									
8	19.8	19.0	19.3				25.2	23.7	24.3			
9 10	20.5 21.2	18.8 19.3	19.6 20.3				24.7 23.8	23.4 22.4	24.0 23.0			
11		19.6	20.8						23.8			
12	22.2 23.2	20.2	21.6				24.7 25.7	23.2 23.6	24.5			
13	22.9	20.7	21.7				25.5	23.9	24.6			
14 15	24.2 25.8	21.1 21.6	22.5 22.9									
16 17	22.3 20.2	20.2 18.9	21.7 19.4									
18	19.9	18.6	19.2							19.8	18.0	19.0
19 20	21.5 21.5	19.7 19.8	20.4 20.6							20.4 21.7	18.7 19.5	19.4 20.6
21 22	21.2	18.6	19.8							22.4 22.4	19.8 21.5	21.1 21.9
23										22.2	21.3	21.9
24 25										21.8	20.2	21.0 20.2
										21.7	18.9	
26 27										21.7 22.4	18.9 18.7	20.4 20.7
28												
29												
30 31												
MONTH												
WONTH				TEMPE	RATURE,	WATER, D	EGREES CE					
				,	OCTOBER	R TO NOVE	MBER 2003					
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MBER 2003 MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN OCTOBER		MAX		MEAN	MAX	MIN DECEMBE			MIN JANUARY	
1				MAX N 15.5	MIN	MEAN	MAX					
1 2		OCTOBER 	 	MAX N 15.5 17.0	MIN OVEMBE 12.6 13.1	MEAN R 14.0 14.6	MAX I 	DECEMBE 	R 		JANUARY 	
1		OCTOBER		MAX N 15.5 17.0 18.8	MIN OVEMBE 12.6 13.1 12.4	MEAN R 14.0 14.6 14.9	MAX I	DECEMBE	R		JANUARY 	
1 2 3	 	OCTOBER 	 	MAX N 15.5 17.0	MIN OVEMBE 12.6 13.1	MEAN R 14.0 14.6	MAX I	DECEMBE 	 	 	JANUARY 	
1 2 3 4	 	OCTOBER	 	MAX N 15.5 17.0 18.8 18.3	MIN OVEMBE 12.6 13.1 12.4 13.4	MEAN R 14.0 14.6 14.9 15.7	MAX [DECEMBE 	R 	 	JANUARY 	
1 2 3 4 5	 	OCTOBER		MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8	MAX I	DECEMBE	R	 	JANUARY	
1 2 3 4 5	 	OCTOBER		MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2	MAX	DECEMBE 	R	 	JANUARY 	
1 2 3 4 5	 	OCTOBER		MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8	MAX I	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10	 20.4	OCTOBER 16.9	 18.2 17.8	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1	MAX	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10	 20.4 19.1 18.4 20.6	OCTOBER 16.9 16.4 17.3 17.5	 18.2 17.8 18.8	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7	MAX	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13	 20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	 18.2 17.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1	MAX I	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10	 20.4 19.1 18.4 20.6	OCTOBER 16.9 16.4 17.3 17.5	 18.2 17.8 18.8	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7	MAX	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	 18.2 17.8 17.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3	MAX I	DECEMBE	R	 	JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	17.8 17.8 18.8 18.8 18.7 	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	 18.2 17.8 18.8 18.7 	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 18.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	 20.4 19.1 18.4 20.6 21.8 	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 18.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	 20.4 19.1 18.4 20.6 21.8 	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 18.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	 20.4 19.1 18.4 20.6 21.8 	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 18.8 18.8 18.7	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 20.4 19.1 18.4 20.6 21.8 	OCTOBER 16.9 16.4 17.3 17.5 16.5	17.8 17.8 18.8 18.7 	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	 20.4 19.1 18.4 20.6 21.8 	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 17.8 18.8 18.8 18.7 -	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	 20.4 19.1 18.4 20.6 21.8 16.5 17.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 17.8 18.8 18.7 -	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	17.8 17.8 18.8 18.7 18.2 17.8 17.8 18.7 18.3 18.7 18.3 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 17.8	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	 20.4 19.1 18.4 20.6 21.8 16.5 17.8 14.4 14.0 13.9	OCTOBER 16.9 16.4 17.3 17.5 16.5	18.2 17.8 17.8 18.8 18.8 18.7 14.9 15.8 13.4 13.2	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	20.4 19.1 18.4 20.6 21.8	OCTOBER 16.9 16.4 17.3 17.5 16.5	17.8 17.8 18.8 18.7 18.2 17.8 17.8 18.7 18.3 18.7 18.3 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 18.7 17.8 17.8	MAX N 15.5 17.0 18.8 18.3 19.7 20.7 19.7 18.4 15.2 13.3 13.7 17.0 15.8 12.8 10.1 13.5	MIN OVEMBE 12.6 13.1 12.4 13.4 15.4 17.0 18.0 15.2 11.1 9.7 8.9 10.7 9.6 7.4 8.6 9.4	MEAN R 14.0 14.6 14.9 15.7 17.2 18.7 18.8 17.2 13.5 11.1 11.1 13.7 13.1 9.3 9.4 10.9	MAX I	DECEMBE	R		JANUARY	