

## 0208500600 CATES CREEK NEAR HILLSBOROUGH, NC—Continued

## WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 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, 29.8°C, Aug. 23, 2002; minimum recorded, 0.7°C, Feb. 17, 2003.

## 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 as N (00608)
OCT 15...	1100	9	1.2	748	8.5	86	7.2	142	14.9	13.1	21.3	0.26	<0.04
DEC 18...	1030	9	3.2	759	8.5	68	6.4	103	5.4	11.9	9.0	0.16	<0.04
FEB 25...	1200	9	E8.0	758	11.4	98	7.2	133	8.4	22.5	7.9	0.21	<0.04
APR 15...	1030	9	5.4	753	10.7	107	7.1	85	14.9	9.02	5.7	0.15	<0.04
MAY 19...	1100	D	E7.5	--	9.2	--	--	127	14.4	--	--	--	--
JUN 12...	1200	9	--	--	7.5	--	7.2	80	21.6	--	--	--	--
JUL 07...	0830	9	E1.6	749	7.5	88	6.7	122	22.6	10.0	5.5	0.22	<0.04
JUL 08...	0900	9	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	0900	9	E.52	751	7.2	86	6.3	153	23.2	14.1	5.5	0.21	<0.04
Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)
OCT 15...	0.11	<0.008	<0.02	0.04	0.021	0.37	0.4	<0.1	0.4	6.6	--	--	--
DEC 18...	0.07	<0.008	<0.02	<0.02	0.012	0.23	0.2	<0.1	0.2	3.5	--	--	--
FEB 25...	0.08	<0.008	<0.02	0.08	0.033	0.29	0.6	<0.1	0.6	2.8	--	--	--
APR 15...	0.07	<0.008	<0.02	<0.02	0.015	0.23	0.2	<0.1	0.2	2.9	--	--	--
MAY 19...	--	--	--	--	--	--	--	--	--	--	3.500	30	33.80
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	0.13	<0.008	<0.02	<0.02	0.017	0.35	0.3	<0.1	0.3	3.8	--	--	--
JUL 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	0.12	<0.008	<0.02	0.04	0.014	0.33	0.4	--	--	2.8	--	--	--

## 0208500600 CATES CREEK NEAR HILLSBOROUGH, NC—Continued

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

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-Di- ethyl- aniline 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)
OCT 15...	--	--	270	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
DEC 18...	--	--	55	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
FEB 25...	--	--	53	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
APR 15...	--	--	69	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
MAY 19...	463	3.3	--	7.6	--	--	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	--	--	--	--	<0.09	<0.006	<0.1	<0.005	E.002	<0.004	<0.004	<0.006	<0.006
AUG 08...	--	--	93	--	--	--	--	--	--	--	--	--	--
AUG 28...	--	--	84	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004	<0.004	<0.006	<0.006
Date	Ala- chlor, water, fltrd, ug/L (46342)	Atra- zine, 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)	Car- baryl, 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 fipronil, water, fltrd, ug/L (62170)
OCT 15...	<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
DEC 18...	<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
FEB 25...	<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
APR 15...	<0.004	<0.007	<0.02	<0.050	<0.010	E.017	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004
MAY 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	<0.004	<0.007	<0.02	<0.050	<0.010	E.009	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004
AUG 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	<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
Date	Diaz- inon oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Dicro- tophos, water, fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, 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)	Fenami- phos, water, fltrd, ug/L (61591)	Desulf- inyl- fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)
OCT 15...	--	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
DEC 18...	--	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
FEB 25...	<0.04	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
APR 15...	<0.04	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005	<0.005
MAY 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	<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
AUG 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	<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

## 0208500600 CATES CREEK NEAR HILLSBOROUGH, NC—Continued

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

Date	Fipronil, 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)	Ipro- dione, 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)	Methi- althion 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)
OCT 15...	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013
DEC 18...	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013
FEB 25...	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013
APR 15...	<0.008	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013
MAY 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	<0.007	<0.002	<0.003	0.017	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	<0.007	<0.002	<0.003	E.010	<1	<0.003	<0.008	<0.027	<0.005	<0.006	<0.03	<0.006	<0.013

  

Date	Metri- buzin, water, fltrd, ug/L (82630)	Myclo- butanil water, fltrd, ug/L (61599)	Pendi- meth- alin, 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)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, 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)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)
OCT 15...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	M	<0.005	<0.004	<0.005	E.01	<0.07
DEC 18...	<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
FEB 25...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	M	<0.005	<0.004	<0.005	<0.02	<0.07
APR 15...	<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 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 07...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004	0.040	0.02	<0.07
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 28...	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004	E.004	0.03	<0.07

0208500600 CATES CREEK NEAR HILLSBOROUGH, NC—Continued

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

Date	Terbu- fos, water, fltrd 0.7u GF (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Tri- flur- alin, water, fltrd 0.7u GF (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)	Sus- pended sedi- ment load, tons/d (80155)
OCT 15...	<0.02	<0.01	<0.009	<0.01	82	4	0.01
DEC 18...	<0.02	<0.01	<0.009	<0.01	80	4	0.04
FEB 25...	<0.02	<0.01	<0.009	<0.01	86	21	--
APR 15...	<0.02	<0.01	<0.009	<0.01	93	9	0.13
MAY 19...	--	--	--	--	--	--	--
JUN 12...	--	--	--	--	--	--	--
JUL 07...	<0.02	<0.01	<0.009	<0.01	78	7	--
08...	--	--	--	--	--	--	--
AUG 28...	<0.02	<0.01	<0.009	<0.01	83	8	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M-- Presence verified, not quantified

Medium codes used in this table:

- 9 - Surface water
- D - Plant tissue

TEMPERATURE, WATER, DEGREES CELSIUS  
JULY TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	27.0	22.9	24.7	20.8	20.0	20.3			
2	---	---	---	---	---	---	25.9	22.6	24.2	21.2	19.7	20.2			
3	---	---	---	---	---	---	26.6	21.9	23.8	23.4	18.6	20.8			
4	---	---	---	26.6	22.3	24.1	26.4	21.5	23.6	24.6	20.2	22.3			
5	---	---	---	26.6	21.7	24.0	26.3	21.8	23.8	24.0	20.9	22.3			
6	---	---	---	25.9	22.6	23.8	26.0	22.5	23.7	22.8	18.7	20.8			
7	---	---	---	24.1	19.9	22.0	23.6	19.4	21.0	22.8	19.0	20.6			
8	---	---	---	24.4	20.4	22.1	23.1	17.7	19.8	22.3	18.2	20.1			
9	---	---	---	24.8	21.1	22.7	22.9	17.4	19.7	22.9	18.8	20.5			
10	---	---	---	25.5	22.6	23.9	24.0	17.7	20.2	24.1	20.1	21.5			
11	---	---	---	24.0	20.7	22.2	25.4	19.0	21.4	24.1	19.5	21.4			
12	---	---	---	22.6	19.7	20.8	26.6	20.5	22.8	22.1	17.5	19.5			
13	---	---	---	22.5	19.2	20.9	27.0	21.7	23.6	21.8	16.4	18.9			
14	---	---	---	24.4	21.5	22.6	24.9	21.4	23.2	21.2	19.4	20.4			
15	---	---	---	24.3	21.6	22.7	25.9	23.0	23.8	22.0	20.8	21.3			
16	---	---	---	25.8	21.6	23.3	25.2	22.7	23.8	23.0	20.9	21.7			
17	---	---	---	25.2	21.7	23.3	27.4	23.0	24.3	23.1	20.4	21.7			
18	---	---	---	25.3	22.4	23.8	27.1	22.9	24.5	22.1	20.8	21.6			
19	---	---	---	25.9	22.8	24.2	27.8	23.0	24.7	23.0	21.1	21.9			
20	---	---	---	24.4	22.6	23.4	27.7	23.1	24.8	23.2	20.3	21.6			
21	---	---	---	25.4	21.2	23.1	28.6	22.9	24.9	23.5	20.0	21.6			
22	---	---	---	25.6	21.9	23.4	28.8	23.8	25.4	24.5	20.8	22.2			
23	---	---	---	25.9	22.4	23.6	29.8	23.9	25.8	22.1	20.3	21.6			
24	---	---	---	24.8	22.6	23.6	29.1	24.2	25.7	21.5	18.3	19.8			
25	---	---	---	23.8	22.6	23.3	26.2	22.8	24.4	20.1	18.6	19.4			
26	---	---	---	24.8	22.4	23.5	24.3	22.0	23.1	20.1	18.9	19.5			
27	---	---	---	26.4	22.8	24.2	22.0	21.1	21.6	23.9	20.1	21.9			
28	---	---	---	27.0	22.3	24.5	21.1	20.3	20.6	22.9	20.6	21.8			
29	---	---	---	28.0	23.8	25.6	20.8	19.9	20.3	22.5	18.7	20.3			
30	---	---	---	27.9	23.8	25.6	21.5	19.8	20.2	20.8	17.2	19.1			
31	---	---	---	26.9	23.6	25.0	20.6	20.0	20.2	---	---	---			
MONTH	---	---	---	---	---	---	29.8	17.4	23.0	24.6	16.4	20.9			

## 0208500600 CATES CREEK NEAR HILLSBOROUGH, 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	22.8	18.9	20.4	11.0	9.3	10.3	6.8	4.1	5.6	---	---	---
2	23.5	19.3	21.2	10.9	8.5	9.5	6.2	2.9	4.5	---	---	---
3	24.7	20.1	22.0	11.3	8.8	9.7	7.4	4.4	5.6	---	---	---
4	24.0	20.4	22.1	12.6	10.0	11.0	4.4	1.1	3.0	---	---	---
5	25.5	21.4	22.9	11.5	11.1	11.2	4.2	1.1	2.6	---	---	---
6	22.2	19.0	20.7	12.6	11.2	11.8	5.3	4.2	4.5	---	---	---
7	22.7	18.9	20.5	11.2	9.8	10.5	4.7	2.8	3.9	---	---	---
8	20.0	17.1	17.9	11.3	8.6	9.9	5.5	3.2	4.4	---	---	---
9	18.3	16.2	17.1	13.1	9.8	11.2	5.7	4.8	5.2	---	---	---
10	19.4	16.1	17.4	15.1	11.7	13.4	5.2	4.4	4.8	---	---	---
11	19.8	18.7	19.4	16.2	14.6	15.6	6.0	4.1	5.3	---	---	---
12	20.7	19.5	20.1	16.0	14.3	15.4	---	---	---	---	---	---
13	20.2	19.5	19.9	14.3	11.9	13.5	---	---	---	---	---	---
14	19.6	16.4	17.8	12.1	10.2	11.3	---	---	---	---	---	---
15	16.4	14.9	15.3	12.4	9.9	11.2	---	---	---	---	---	---
16	16.7	15.0	15.9	12.8	12.0	12.5	---	---	---	---	---	---
17	16.2	14.6	15.4	12.5	11.2	12.2	---	---	---	---	---	---
18	15.1	12.7	13.9	11.2	9.4	10.3	---	---	---	---	---	---
19	15.5	12.5	13.8	10.3	7.9	9.2	---	---	---	---	---	---
20	16.2	13.9	14.9	10.6	7.9	9.3	---	---	---	---	---	---
21	15.8	14.3	15.3	11.1	9.2	10.1	---	---	---	---	---	---
22	14.7	13.7	14.1	11.2	8.5	10	---	---	---	---	---	---
23	15.6	12.4	13.8	9.5	6.9	8.0	---	---	---	---	---	---
24	14.1	13.3	13.7	10.2	6.4	8.0	---	---	---	---	---	---
25	13.9	13.2	13.5	11.0	7.1	8.7	---	---	---	---	---	---
26	15.6	13.0	14.1	10.4	7.2	8.6	---	---	---	---	---	---
27	14.9	13.5	14.3	9.2	6.6	8.1	---	---	---	---	---	---
28	15.2	14.4	14.7	7.3	4.7	5.7	---	---	---	---	---	---
29	14.4	12.8	13.6	7.0	3.2	4.9	---	---	---	---	---	---
30	12.8	11.7	12.3	9.3	5.4	7.1	---	---	---	---	---	---
31	11.7	10.8	11.3	---	---	---	---	---	---	---	---	---
MONTH	25.5	10.8	16.8	16.2	3.2	10.3	---	---	---	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.9	5.9	6.8	13.5	9.1	11.3	20.8	17.3	18.8
2	---	---	---	10.6	7.5	8.7	17.0	11.4	14.2	21.9	17.1	19.1
3	---	---	---	10.2	6.9	8.6	18.6	13.4	16.0	19.9	17.1	18.3
4	---	---	---	10.3	6.4	8.5	18.4	14.7	16.7	17.1	14.8	16.0
5	---	---	---	13.0	9.6	11.1	17.6	15.6	16.5	14.8	13.8	14.1
6	6.5	4.3	5.5	12.9	11.6	12.2	17.8	13.9	15.9	16.6	13.7	15.2
7	6.5	4.2	5.3	11.8	7.3	9.2	15.9	11.0	12.3	19.7	15.8	17.4
8	6.4	4.3	5.3	10.9	5.8	8.4	11.2	10.2	10.7	22.3	17.7	19.6
9	6.4	4.0	5.1	13.9	9.5	11.5	10.3	9.2	9.8	22.8	18.4	20.2
10	6.4	5.3	5.7	12.4	9.4	10.8	9.8	8.9	9.2	23.4	19.3	21.2
11	7.0	4.0	5.5	9.7	7.6	8.6	10.7	9.1	9.5	21.5	19.7	20.6
12	7.9	4.8	6.1	12.5	6.6	9.5	---	---	---	21.6	17.3	18.9
13	6.8	3.6	5.2	14.7	9.9	12.3	---	---	---	20.5	15.6	17.5
14	6.3	4.5	5.5	14.0	11.4	12.8	---	---	---	20.2	13.9	16.7
15	7.3	6.0	6.7	11.5	9.7	10.3	---	---	---	17.8	16.0	16.9
16	6.0	1.4	3.9	11.4	9.5	10.5	---	---	---	19.0	16.3	17.5
17	2.7	0.7	1.9	13.4	11.4	12.3	---	---	---	17.9	15.7	16.9
18	5.9	2.7	4.1	14.1	12.3	13.1	---	---	---	15.7	14.4	14.9
19	7.2	3.7	5.4	13.3	11.3	12.4	---	---	---	15.1	13.8	14.3
20	8.2	6.2	7.1	11.3	9.2	9.7	---	---	---	17.4	13.6	15.6
21	7.7	6.4	7.2	13.2	9.6	11.2	---	---	---	17.4	16.1	16.7
22	8.7	7.6	7.9	14.7	10.9	12.8	---	---	---	16.8	15.4	16.0
23	10.3	8.1	9.3	14.9	10.7	12.9	---	---	---	16.2	15.7	15.9
24	10.4	6.4	8.4	15.9	11.6	13.8	---	---	---	17.7	15.6	16.5
25	9.6	7.6	8.8	16.6	11.5	14.1	---	---	---	18.8	16.3	17.4
26	8.5	5.8	6.9	17.8	13.3	15.4	---	---	---	19.8	17.5	18.5
27	5.8	4.5	5.0	17.3	13.7	15.4	---	---	---	18.6	16.8	17.7
28	6.4	4.9	5.6	17.6	13.2	15.3	---	---	---	18.4	15.0	16.8
29	---	---	---	19.1	16.1	17.3	19.8	15.6	17.5	18.4	16.2	17.2
30	---	---	---	17.7	10.7	13.3	20.7	16.1	18.1	19.1	15.7	17.5
31	---	---	---	12.5	8.8	10.7	---	---	---	18.9	16.9	18.0
MONTH	---	---	---	19.1	5.8	11.6	---	---	---	23.4	13.6	17.4

