

0208725055 BLACK CREEK AT WESTON PARKWAY NEAR CARY, 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, 28.1°C, July 30, 2003; minimum recorded, 0.0°C, Jan. 18, 19, 23-28, 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)
Date	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	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 sediment total, mg/L (00694)	Inorganic carbon, suspnd sediment total, mg/L (00688)	Organic carbon, suspnd sediment total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)
OCT 09...	0900	9	E.05	763	7.9	82	7.4	153	17.1	6.88	4.2	0.15	<0.04
DEC 17...	0930	9	1.5	760	7.8	62	7.2	140	5.3	8.44	11.1	0.11	<0.04
FEB 24...	1215	9	3.5	760	11.3	97	7.2	137	8.5	12.7	--	0.22	<0.04
APR 15...	1300	9	E2.0	759	12.0	125	6.9	132	17.2	7.53	8.3	0.14	<0.04
MAY 12...	0900	D	0.72	--	7.5	--	7.8	156	18.9	--	--	--	--
JUN 09...	1200	9	--	--	7.9	--	7.5	130	21.2	--	--	--	--
JUL 01...	0845	9	E2.7	754	7.3	85	6.5	92	22.3	4.92	6.1	0.50	<0.04
JUL 01...	1240	9	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	1300	9	E.45	--	8.9	--	7.0	148	23.4	7.33	4.3	0.22	<0.04
OCT 09...	--	--	<0.06	--	<0.008	<0.02	<0.02	0.023	--	0.2	<0.1	0.2	2.9
DEC 17...	--	--	0.08	--	<0.008	<0.02	0.03	0.017	0.20	<0.1	<0.1	<0.1	3.0
FEB 24...	--	--	0.22	--	<0.008	<0.02	0.05	0.043	0.44	0.5	<0.1	0.5	4.1
APR 15...	--	--	<0.06	--	<0.008	<0.02	0.03	0.022	--	0.2	<0.1	0.2	3.3
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	0.992	0.22	0.25	0.092	0.028	<0.02	0.13	0.078	0.75	0.9	<0.1	0.9	7.2
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	--	--	0.06	--	<0.008	E.01	0.04	0.026	0.28	<0.1	<0.1	<0.1	3.7

0208725055 BLACK CREEK AT WESTON PARKWAY NEAR CARY, NC—Continued

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

Date	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)	Biomass chlorophyll ratio, periphyton, number (70950)	Pheophytin a, periphyton, mg/m2 (62359)	E coli, modif. m-TEC, water, col/100 mL (90902)	Chlorophyll a periphyton, chromo-fluoro, mg/m2 (70957)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethyl-aniline water fltrd 0.7u GF ug/L (82660)	2-[(2-Ethyl-6-Me-Ph)-amino]propan-1-ol, ug/L (61615)	2Chloro-2,6-' diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)
OCT 09...	--	--	--	--	--	720	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004
DEC 17...	--	--	--	--	--	61	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004
FEB 24...	--	--	--	--	--	130	--	<0.09	<0.006	<0.1	<0.005	E.001	<0.004
APR 15...	--	--	--	--	--	110	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004
MAY 12...	5.5	59	64.80	250	14	--	22.0	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	--	--	--	--	--	--	--	E.03	<0.006	<0.1	<0.005	<0.006	<0.004
JUL 01...	--	--	--	--	--	K4,800	--	--	--	--	--	--	--
AUG 25...	--	--	--	--	--	560	--	<0.09	<0.006	<0.1	<0.005	<0.006	<0.004

Date	3,4-Dichloro-aniline water fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	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)
OCT 09...	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008
DEC 17...	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008
FEB 24...	<0.004	E.004	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	E.004	<0.06	<0.005	<0.006	<0.008
APR 15...	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	E.360	<0.06	<0.005	<0.006	<0.008
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	<0.004	<0.006	<0.006	<0.004	<0.007	<0.02	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008

Date	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)	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)
OCT 09...	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03
DEC 17...	<0.009	<0.003	<0.004	<0.04	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03
FEB 24...	<0.009	<0.003	E.003	<0.04	0.037	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03
APR 15...	<0.009	<0.003	<0.004	<0.04	0.006	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	<0.009	<0.003	<0.004	<0.01	0.078	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03

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

Date	Desulf- inyl- fipronil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	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)	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)
OCT 09...	<0.009	<0.005	<0.005	<0.007	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006
DEC 17...	<0.009	<0.005	E.007	E.011	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006
FEB 24...	<0.009	E.004	E.007	E.015	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006
APR 15...	<0.009	E.005	<0.005	E.009	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005	<0.006
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	<0.009	E.004	<0.008	E.019	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005	<0.006
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	<0.009	E.008	<0.005	E.016	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005	<0.006

Date	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)	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)
OCT 09...	<0.03	<0.006	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004
DEC 17...	<0.03	<0.006	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004
FEB 24...	<0.03	<0.006	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004
APR 15...	<0.03	<0.006	<0.013	<0.006	<0.008	E.012	<0.10	<0.011	<0.06	<0.008	<0.01	<0.005	<0.004
MAY 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 01...	<0.03	<0.006	<0.013	<0.006	0.011	E.018	<0.10	<0.011	<0.06	<0.008	E.01	<0.005	<0.004
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 25...	<0.03	<0.006	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06	<0.008	0.04	<0.005	<0.004

0208725055 BLACK CREEK AT WESTON PARKWAY NEAR CARY, NC—Continued

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

Date	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)	Terbu- fos, water, fltrd, 0.7u GF ug/L (82675)	Ter- buthyl- azine, 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)	Sus- pended sedi- ment load, tons/d (80155)
OCT 09...	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	80	4	--
DEC 17...	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	90	3	0.01
FEB 24...	0.009	<0.02	<0.07	<0.02	<0.01	E.005	<0.01	98	13	0.12
APR 15...	E.004	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	97	11	--
MAY 12...	--	--	--	--	--	--	--	--	--	--
JUN 09...	--	--	--	--	--	--	--	--	--	--
JUL 01...	<0.007	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	97	28	--
JUL 01...	--	--	--	--	--	--	--	--	--	--
AUG 25...	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01	83	3	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- K -- Counts outside the acceptable range

Medium codes used in this table:

- 9 - Surface water
- D - Plant tissue

TEMPERATURE, WATER, DEGREES CELSIUS
JULY TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	1	---	---	---	---	---	---	27.2	23.9	25.6	21.4	20.7
2	---	---	---	26.5	23.1	24.7	27.0	23.2	25.2	21.1	20.1	20.6
3	---	---	---	26.8	23.3	25.1	26.2	23.0	24.7	22.1	19.2	20.7
4	---	---	---	27.6	23.5	25.4	26.2	22.8	24.6	23.8	20.9	22.3
5	---	---	---	27.5	22.8	24.9	26.5	22.8	24.7	23.2	21.2	22.4
6	---	---	---	25.7	23.3	24.4	25.6	23.1	24.4	22.0	19.2	20.8
7	---	---	---	25.1	21.1	23.2	23.9	20.2	21.9	21.2	19.2	20.4
8	---	---	---	25.1	20.8	23.1	23.1	17.8	20.5	21.5	19.0	20.2
9	---	---	---	26.5	22.2	24.2	22.3	17.5	20.0	21.6	19.8	20.8
10	---	---	---	27.5	23.9	25.4	22.9	18.1	20.4	22.9	20.4	21.6
11	---	---	---	25.6	21.5	23.4	23.9	19.1	21.5	22.7	19.8	21.4
12	---	---	---	22.0	20.5	21.2	25.1	20.7	22.8	21.2	18.2	19.6
13	---	---	---	23.1	19.8	21.4	26.2	22.2	24.1	20.5	17.1	18.9
14	---	---	---	23.3	22.1	22.7	26.2	22.0	23.6	21.5	19.7	20.5
15	---	---	---	24.0	22.3	23.1	25.4	23.0	23.9	22.1	21.1	21.6
16	---	---	---	25.9	22.5	24.1	24.7	23.0	23.6	22.9	21.4	22.3
17	---	---	---	25.7	22.2	24.1	25.3	22.9	24.0	22.8	21.4	22.1
18	---	---	---	26.0	22.9	24.6	25.8	23.3	24.4	22.2	21.1	21.7
19	---	---	---	26.0	23.5	24.7	25.2	23.2	24.2	22.2	21.1	21.6
20	---	---	---	25.7	22.9	24.1	25.5	22.8	24.2	22.6	20.4	21.5
21	---	---	---	25.6	22.7	24.1	25.5	23.2	24.4	22.3	20.1	21.4
22	---	---	---	26.4	22.9	24.6	25.7	23.3	24.6	22.5	20.5	21.4
23	---	---	---	25.3	23.3	24.3	26.8	23.7	25.2	21.3	20.1	20.6
24	---	---	---	26.2	23.7	24.8	26.9	24.1	25.2	20.4	18.9	19.8
25	---	---	---	25.8	24.3	24.9	25.5	23.0	24.3	20.0	18.7	19.3
26	---	---	---	25.0	23.6	24.3	23.6	22.5	23.1	19.9	18.5	19.2
27	---	---	---	26.3	23.8	24.8	22.5	21.2	21.9	22.6	19.9	21.2
28	---	---	---	26.6	23.4	25.0	21.9	20.9	21.4	22.2	20.5	21.3
29	---	---	---	27.7	24.8	26.2	20.9	20.4	20.6	20.5	18.8	19.7
30	---	---	---	28.1	24.7	26.4	21.2	19.7	20.6	19.6	17.3	18.6
31	---	---	---	27.6	24.2	26.0	21.2	20.8	20.9	---	---	---
MONTH	---	---	---	---	---	---	27.2	17.5	23.2	23.8	17.1	20.8

0208725055 BLACK CREEK AT WESTON PARKWAY NEAR CARY, 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	20.5	18.6	19.5	10.5	8.7	9.8	6.3	2.9	4.5	13.3	9.5	12.0
2	21.5	18.7	20.2	9.7	8.0	8.9	5.5	1.6	3.7	11.3	9.7	10.4
3	21.9	19.8	20.9	9.8	8.0	8.8	6.2	3.1	4.7	10.5	8.7	10.0
4	22.3	20.0	21.3	10.8	9.1	10	3.1	0.1	1.7	8.7	5.6	7.2
5	23.0	21.2	22.0	11.2	10.3	10.6	4.3	1.2	3.0	7.0	4.2	5.5
6	21.6	18.8	20.0	12.4	10.8	11.8	5.2	4.1	4.5	7.3	5.2	6.1
7	21.0	19.0	20.0	10.8	8.9	9.8	4.7	2.5	3.7	5.2	3.1	4.1
8	19.7	16.7	17.6	10.4	7.5	9.1	5.4	2.7	4.1	7.0	4.0	5.4
9	17.7	16.0	16.8	12.4	9.4	10.8	5.3	4.2	4.8	9.5	5.8	7.5
10	18.3	16.2	17.2	14.9	11.7	13.4	4.7	3.7	4.2	9.0	5.8	7.9
11	20.4	18.2	19.5	16.5	14.7	15.8	5.5	4.3	4.9	6.0	3.5	4.9
12	20.2	19.4	19.8	16.1	13.8	15.5	7.7	5.3	6.3	4.0	1.8	2.9
13	19.8	18.8	19.2	13.8	10.9	12.7	6.8	6.0	6.3	4.7	1.0	2.9
14	19.2	15.4	17.1	11.3	9.0	10.3	8.2	6.7	7.3	5.3	1.7	3.5
15	15.4	14.0	14.5	11.9	9.2	10.6	6.9	4.8	5.9	4.3	1.5	3.2
16	16.2	15.2	15.9	13.3	11.6	12.6	---	---	---	3.5	0.8	2.0
17	15.5	13.6	14.5	12.9	10.9	12.2	7.1	5.2	6.2	3.6	1.1	2.3
18	13.9	11.4	12.7	10.9	8.6	9.8	7.3	5.1	6.2	1.6	0.0	0.6
19	14.1	11.0	12.5	10.0	7.0	8.6	9.0	6.6	7.5	1.7	0.0	0.7
20	15.6	13.1	14.3	10.4	7.4	9.0	13.2	9.0	11.4	4.7	0.7	2.5
21	16.5	14.0	15.4	10.9	8.8	9.8	9.7	7.2	8.2	3.1	2.0	2.7
22	14.2	13.1	13.7	10.6	7.9	9.7	9.1	6.0	7.5	3.5	0.3	1.9
23	14.8	12.4	13.6	8.4	6.0	7.2	8.6	6.0	7.3	2.2	0.0	0.8
24	14.0	13.4	13.7	9.5	5.4	7.4	7.9	6.8	7.4	0.9	0.0	0.4
25	13.9	13.3	13.6	10.3	6.1	8.1	8.0	6.0	7.3	1.1	0.0	0.5
26	14.8	12.8	13.8	9.7	6.2	7.9	6.5	4.9	5.6	2.5	0.0	1.0
27	14.6	13.4	14.0	8.2	6.0	7.4	5.7	3.4	4.5	1.5	0.0	0.7
28	15.6	14.2	14.7	6.0	3.4	4.6	5.4	2.5	4.0	1.5	0.0	0.8
29	14.6	12.3	13.1	5.6	1.8	3.8	6.8	3.4	5.0	3.9	1.4	2.9
30	12.4	11.0	11.6	8.5	5.1	6.7	7.7	4.0	5.9	4.6	3.8	4.2
31	11.5	10.3	11.0	---	---	---	9.5	6.0	7.8	4.6	3.9	4.3
MONTH	23.0	10.3	16.2	16.5	1.8	9.8	---	---	---	13.3	0.0	3.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	4.5	5.5	8.4	6.8	7.6	14.2	8.2	11.2	20.4	18.0	19.4
2	6.8	3.8	5.1	11.5	7.9	9.4	18.1	11.4	14.6	20.8	17.7	19.3
3	9.0	4.2	6.6	10.7	7.2	8.9	19.6	13.3	16.5	19.8	17.4	18.6
4	11.7	8.0	9.6	10.6	6.3	8.6	19.3	15.0	17.3	17.4	15.1	16.3
5	8.0	5.4	6.8	13.5	10.0	11.6	18.2	15.9	17.1	15.1	13.6	14.1
6	6.0	4.5	5.1	13.1	11.9	12.5	17.9	14.0	16.1	17.3	14.3	15.9
7	6.9	4.6	5.6	11.9	7.2	9.1	15.5	11.2	12.3	19.8	17.0	18.2
8	6.4	3.8	5.0	11.6	5.6	8.6	11.3	10.4	10.8	21.9	18.6	20.1
9	6.5	3.4	4.7	14.6	9.3	11.7	10.8	9.7	10.4	22.7	19.6	21.2
10	6.1	4.6	5.3	13.1	9.2	10.9	10.5	9.3	9.9	23.3	20.5	22.0
11	7.2	3.5	5.3	10.7	7.5	9.0	10.8	9.9	10.3	22.8	21.2	21.8
12	8.2	4.3	5.9	13.6	6.8	10.1	15.6	9.8	12.4	21.2	18.6	19.9
13	6.8	2.6	4.7	15.2	10.4	12.7	16.5	11.4	14.0	19.7	16.5	18.1
14	6.3	3.7	5.2	14.6	11.2	13.1	17.5	12.4	14.9	19.1	14.0	16.8
15	7.6	6.2	6.8	11.2	9.3	10.3	18.7	13.6	16.2	18.6	16.4	17.5
16	6.2	1.0	3.9	12.9	10.4	11.6	19.5	15.1	17.3	19.6	17.2	18.4
17	2.2	0.1	1.2	14.5	12.1	13.2	19.6	15.3	17.3	18.8	16.3	17.6
18	5.1	2.2	3.6	15.5	13.1	14.2	16.0	12.9	13.8	16.3	15.0	15.5
19	7.2	3.4	5.3	14.2	11.6	12.8	13.4	12.3	12.8	16.0	14.5	15.0
20	8.7	6.1	7.2	11.6	10.0	10.8	15.3	12.3	13.6	18.1	13.9	15.9
21	7.7	6.2	7.1	13.9	10.8	12.1	16.4	13.1	14.7	17.9	16.4	17.3
22	11.0	7.6	9.0	16.4	10.9	13.6	17.7	15.3	16.3	17.7	17.0	17.3
23	10.9	7.8	10.0	15.8	11.0	13.6	16.3	12.3	14.5	17.3	16.8	17.0
24	10.9	5.7	8.3	17.2	11.5	14.2	15.5	11.0	13.5	18.1	16.6	17.3
25	10.6	7.7	9.2	17.8	11.3	14.6	15.2	13.7	14.2	19.1	17.2	18.1
26	8.9	5.8	7.1	19.1	13.4	16.0	16.6	14.9	15.5	19.8	18.4	19.0
27	5.8	4.8	5.2	18.2	13.7	15.8	17.3	14.6	15.9	18.9	17.2	18.2
28	7.2	5.3	6.2	18.4	13.1	15.9	18.2	13.9	16.2	18.6	15.8	17.3
29	---	---	---	19.6	16.7	18.0	19.5	15.8	17.7	18.7	16.5	17.5
30	---	---	---	18.6	10.4	13.7	21.0	16.8	18.9	19.1	15.9	17.6
31	---	---	---	13.0	8.4	10.5	---	---	---	19.2	17.1	17.9
MONTH	11.7	0.1	6.1	19.6	5.6	12.1	21.0	8.2	14.5	23.3	13.6	17.9

