

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House, and at mile 0.6.

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): October 1986 to current year.

SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

WATER TEMPERATURE (Top): March 1993 to current year.

WATER TEMPERATURE (Bottom): March 1993 to September 1994 (discontinued).

DISSOLVED OXYGEN (Top): March 1993 to September 1995 (discontinued).

DISSOLVED OXYGEN (Bottom): March 1993 to September 1994 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated good. Specific conductance (Bottom) records rated fair except for Sep. 1-22, which are poor. Temperature records rated excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): Maximum, 57,600 microsiemens, Nov. 6, 2001; minimum, 6,520 microsiemens, Sep. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sep. 7, 1987.

WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1, 1993, Aug. 1, 1999; minimum, 5.5°C, Jan. 3, 2001.

WATER TEMPERATURE (Bottom): Maximum, 30.0°C, Jul. 18, 19, 25, 1994; minimum, 5.5°C, Jan. 22, 23, 1994.

DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10, 1994; minimum, 3.6 mg/L, Jun. 15, 1993.

DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26, 1994; minimum, 4.0 mg/L, Jul. 22, Aug. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 53,100 microsiemens, Aug. 1; minimum, 24,500 microsiemens, Sep. 10.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 55,500 microsiemens, Nov. 26; minimum, 20,200 microsiemens, Sep. 29.

WATER TEMPERATURE (Top): Maximum, 31.2°C, July 14; minimum, 7.6°C, Feb. 2.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	39700	30500	34300	42400	32700	36600	44300	33500	38300
2	---	---	---	---	---	---	43300	30900	36100	44400	33900	38700
3	---	---	---	---	---	---	43500	33700	37800	44200	34300	39100
4	---	---	---	---	---	---	44700	34600	39400	43800	35500	39800
5	---	---	---	---	---	---	45500	36800	40600	45100	37000	40200
6	---	---	---	---	---	---	44800	38500	41200	44800	37000	40600
7	---	---	---	---	---	---	46600	37900	41800	45900	37500	41300
8	---	---	---	---	---	---	46000	38200	41400	46700	36900	41700
9	---	---	---	---	---	---	45500	37600	41400	48600	36700	42100
10	45700	36000	40000	---	---	---	46800	37800	41800	48700	37600	42000
11	45300	35600	39800	---	---	---	44000	36300	39900	47800	36900	41200
12	45000	35300	39600	---	---	---	45300	35400	39600	45400	37000	40700
13	44200	33600	39200	44000	33800	37600	45700	34700	39300	44400	35600	39800
14	44700	32200	39100	45500	32000	37700	47200	37900	41100	45600	36700	40600
15	42300	34600	37900	45900	32800	38800	44700	36800	39600	44600	36800	40200
16	44100	31100	37100	44900	33100	38500	44900	34700	39100	45400	36400	40200
17	43200	31700	36600	44900	34300	38600	---	---	---	45400	35700	40200
18	44200	31000	36900	44600	35900	39500	43800	36800	40200	47400	35700	41700
19	42900	31400	37100	44500	38200	41200	44500	36400	40200	47600	37200	41700
20	42400	31700	37100	46400	38100	41800	45800	36400	41000	49000	36700	42600
21	42000	31200	38000	48200	38700	42900	48600	36000	41800	49700	36900	43000
22	40400	31100	36400	49100	38600	43400	49300	36800	42200	49700	38300	43100
23	---	---	---	49900	38400	43400	49500	37200	42700	48000	36700	41600
24	---	---	---	49600	37600	43400	49200	37400	42800	46900	35700	40900
25	---	---	---	49000	36200	42000	48900	36600	41400	49000	34200	40700
26	---	---	---	49000	36500	41800	48500	35200	40800	47400	36500	40600
27	---	---	---	47300	36100	40700	46600	35400	40000	45400	34400	39400
28	---	---	---	47000	35400	40000	45100	34300	38800	43300	31700	37400
29	44300	33400	38000	43300	31500	37100	44700	34300	38200	43300	31200	36600
30	42700	31600	36400	43100	32300	37300	43900	33900	37800	42400	32000	36600
31	42100	30400	35300	---	---	---	43900	34100	38100	44600	32300	37800
MONTH	---	---	---	---	---	---	---	---	---	49700	31200	40300

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	43900	27300	34500	---	---	---	40100	25800	33700	46400	26200	35700
2	43100	26800	33200	---	---	---	46900	27000	34300	44500	29700	37200
3	42000	24500	33400	---	---	---	43400	26300	36200	48300	29200	37800
4	37700	25600	32700	---	---	---	---	---	---	46900	30100	39400
5	42600	25600	33100	---	---	---	---	---	---	47100	34200	39100
6	40800	28400	33700	---	---	---	---	---	---	47700	31800	39200
7	---	---	---	---	---	---	---	---	---	47500	33500	40100
8	---	---	---	---	---	---	---	---	---	50700	31800	39500
9	---	---	---	---	---	---	---	---	---	51600	31500	38700
10	42800	29500	35400	---	---	---	47900	31500	37700	52700	31300	41100
11	42200	28100	35900	---	---	---	49100	28400	37200	51200	28600	38700
12	44500	26700	36400	---	---	---	47200	28900	36900	49400	30600	38700
13	45900	30800	37200	47100	29300	35900	49400	28000	36100	47700	28100	37800
14	45200	30100	37200	48000	29100	38900	50700	30600	37800	47100	30300	38700
15	44500	29400	36000	49300	30100	38300	44400	28000	37300	49900	30700	38600
16	43800	29600	35800	45500	28800	37100	42900	24600	34500	45900	30200	37900
17	45400	28900	36600	43900	31300	37600	45300	25300	35500	44100	31500	37600
18	46600	31100	37600	44100	28400	36700	46100	32100	37800	49800	33100	40400
19	45100	32000	38000	42300	28400	36600	48000	29800	39000	49200	32400	39000
20	46600	31200	37600	49800	26600	37800	49000	31100	38600	45900	31000	39700
21	46000	31200	37400	44200	28700	34700	47200	29700	39000	50600	29700	40400
22	46400	31000	38400	51500	29400	40100	47800	29700	40100	52400	32600	41100
23	46400	31500	39700	50500	29200	37900	53000	30600	41600	50400	31800	39100
24	47600	31500	39800	52900	32500	40400	51300	30900	41600	49900	30200	38500
25	48100	34300	40500	50300	27500	39300	52500	30900	39400	50000	29900	37200
26	49100	32200	39800	55500	29600	39300	52200	29500	39300	50000	29700	37200
27	49200	31400	38300	52000	31600	39200	49600	27800	38200	45700	30600	36100
28	44500	29400	37700	45600	29200	37800	50300	27800	37800	44900	26400	33500
29	---	---	---	46000	26000	34300	48400	24900	35700	42500	25000	32100
30	---	---	---	44100	30500	35800	44400	27400	36200	42200	24400	33100
31	---	---	---	---	---	---	43400	28000	36000	46700	25900	34200
MONTH	---	---	---	---	---	---	---	---	---	52700	24400	38000

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	45000	25700	34000	36200	21000	29700	46300	33000	39300	46800	27800	36800
2	44200	25500	35900	40400	21000	30900	46400	30100	38200	46600	30100	37900
3	48200	29400	38400	44200	23200	33500	48500	32400	39400	49200	29400	37200
4	44600	32300	37100	44200	28300	35500	51100	31000	39800	48500	27300	37700
5	46200	29900	37900	43200	29600	35900	51300	32600	41200	48300	29000	38600
6	47700	29600	40000	43400	28900	35800	49500	30300	39800	49600	31300	39800
7	47200	29300	37200	43300	28600	35600	50600	31100	40700	48400	27600	38600
8	45400	26000	35200	46600	28200	36300	46800	32500	40700	50000	30400	37900
9	45200	25300	34600	48200	29700	37500	49600	30200	38300	47500	25400	37500
10	42700	27100	34200	42400	28000	35600	48500	31600	39200	44900	29100	36900
11	42700	26300	33400	46900	27000	36100	47700	30400	37300	46200	29800	36800
12	44400	24500	32300	46900	26000	35300	46900	28500	37300	46800	26800	35500
13	43200	25700	33000	41000	28600	33900	44900	27100	36500	45500	27200	35800
14	43100	25300	32000	43900	27700	34900	44200	26100	34200	46900	29900	37300
15	41600	26300	32900	45100	26700	35900	44000	27800	36300	48200	29200	37400
16	44200	24300	33500	47000	28800	38900	47400	31200	38000	45900	28200	36200
17	45100	24300	32600	47400	29100	40100	47400	29600	37600	49600	28800	37100
18	43600	23000	33300	50600	35500	41800	47800	29800	37800	43300	26600	35600
19	42400	24500	32700	51100	31700	41400	47300	27000	36300	44100	29300	36900
20	44500	23400	32800	53900	31100	42100	48500	29700	37900	46800	24900	36300
21	41600	21900	32100	51100	31600	41000	46400	33200	38700	48700	21800	35400
22	45400	24800	33000	46800	30200	39900	47000	28600	36500	47200	25400	36100
23	42100	24600	32500	50200	26800	37000	48700	26700	36600	47200	25300	36600
24	43900	25400	32900	47700	26800	35500	47900	25700	35400	44400	25100	36000
25	42700	26200	32700	48600	27100	34900	47900	25900	35100	47800	28000	37600
26	41200	22300	32500	42800	27400	34700	48400	28500	36500	46400	28100	37400
27	37600	24600	29300	44900	28100	36600	48900	27600	36000	46500	24900	39000
28	38400	23400	31000	45400	28300	36400	45200	25100	36400	50200	25000	37700
29	38300	25000	31100	46900	28700	39400	46100	28000	36100	47700	28500	39600
30	---	---	---	48500	29600	38400	44000	28000	36200	50900	36400	43800
31	---	---	---	47200	29600	39400	---	---	---	53300	36400	44500
MONTH	48200	21900	33800	53900	21000	36800	51300	25100	37600	53300	21800	37700

COOPER RIVER BASIN

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021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	54000	31800	43600	51700	33500	42200	52900	28400	40300	---	---	---
2	54500	35600	44100	54400	31700	41800	53800	28400	40900	48700	23000	33100
3	55100	34100	43600	52700	35000	42100	50800	32200	40800	47000	25000	34200
4	55000	34100	43300	53200	33600	41100	51400	29900	39800	45600	25300	34200
5	55000	30400	43100	49200	30600	40800	50100	27600	38700	42400	23400	34000
6	52900	30400	42200	54500	30300	40500	47100	27200	38500	41200	20800	30900
7	52900	29600	41400	53000	31700	41200	49100	31700	39700	39000	21700	30900
8	50800	32600	40300	51600	32200	41500	47300	32300	39100	40900	25900	32500
9	49700	31800	40100	48500	32400	40800	48500	29900	38500	42200	23500	30800
10	52000	32900	40100	50000	32700	39400	48300	28400	38500	46100	22900	30500
11	48300	32800	38900	45200	32700	39200	47600	31700	38300	44500	24800	33100
12	50900	29300	39100	46800	32800	40000	46400	29900	37900	45200	24700	36000
13	49000	32000	39500	46400	30100	40100	41000	27700	35500	45800	29400	36200
14	48400	31300	38400	47800	30100	39800	41200	27600	34700	44200	30300	37700
15	47900	30800	38500	45400	30700	39600	40100	26600	33400	44100	28600	36800
16	44200	28800	36200	51400	31500	40500	42100	26900	33200	45900	28200	36600
17	44100	30500	36300	48600	33100	40900	39600	26500	33800	45700	30400	36700
18	47400	29000	36900	46700	30000	39300	41400	24800	33400	45200	23000	33000
19	45800	29800	37100	49400	31500	39600	40600	26000	32200	43400	20300	30800
20	51100	31600	38600	48300	32600	39400	40600	23800	31200	43600	24400	32500
21	46700	30400	38300	47400	32600	38900	40100	23700	30700	44800	24100	33600
22	47000	32600	38500	49700	29400	39200	40600	22500	29400	44800	26800	33900
23	47000	32300	37100	48000	31900	39600	43200	23400	30700	39100	24300	31100
24	48200	26400	37000	47500	31400	38700	45100	22600	30600	35700	23700	29200
25	51600	29200	39500	49000	27700	37100	44100	24200	31800	36500	23900	30100
26	50800	33100	40100	47000	31900	38200	44000	25100	32700	37800	22600	31400
27	52100	33500	42100	48300	29600	37900	45800	24900	32700	39800	24800	32400
28	51200	35300	42600	49600	27900	38600	45000	22800	33500	39300	22600	30700
29	53600	33500	42300	50200	30500	38100	---	---	---	39800	20200	31600
30	51300	33200	42900	49500	30700	39400	---	---	---	46000	23600	32500
31	---	---	---	52600	28500	40400	---	---	---	---	---	---
MONTH	55100	26400	40100	54500	27700	39900	---	---	---	---	---	---

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius										
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
			OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.2	23.1	23.8	21.3	20.7	21.1	16.1	15.5	15.8	11.3	10.2	10.7		
2	23.9	22.9	23.4	21.4	20.8	21.1	15.8	14.6	15.2	11.1	10.3	10.8		
3	23.1	22.0	22.6	21.3	21.0	21.1	15.1	14.0	14.6	11.9	10.7	11.1		
4	22.8	22.1	22.5	22.0	21.2	21.4	14.3	13.7	13.9	12.2	11.1	11.5		
5	23.3	22.3	22.7	22.6	21.5	21.8	13.9	13.3	13.5	12.6	11.7	12.1		
6	23.4	22.6	22.8	23.1	21.8	22.2	13.5	13.0	13.2	12.5	11.9	12.2		
7	23.4	22.7	22.9	22.8	22.2	22.5	13.1	12.5	12.8	12.0	11.2	11.6		
8	23.6	22.8	23.0	22.6	21.8	22.3	13.1	12.4	12.7	11.5	11.0	11.2		
9	23.5	22.9	23.2	21.9	20.2	21.2	13.2	12.4	12.6	11.2	10.8	11.1		
10	23.3	22.9	23.1	20.2	19.4	20.0	13.0	12.6	12.8	10.8	10.1	10.5		
11	23.1	22.8	23.0	20.0	19.0	19.5	12.9	12.3	12.6	10.1	9.5	9.8		
12	23.3	22.6	22.9	20.7	19.1	19.6	12.7	12.1	12.3	9.9	9.3	9.7		
13	23.6	22.6	23.0	19.7	18.9	19.5	12.4	12.0	12.2	9.9	9.3	9.6		
14	23.6	23.0	23.3	19.3	17.9	18.7	12.3	11.7	12.0	10.0	9.4	9.6		
15	23.3	22.4	23.0	18.9	18.0	18.6	12.0	11.4	11.7	10.2	9.6	9.9		
16	22.9	21.3	22.5	18.9	18.1	18.6	11.9	11.2	11.7	10.0	9.5	9.9		
17	23.2	21.9	22.6	19.2	18.5	18.8	12.0	11.3	11.8	10.3	9.6	10.0		
18	22.7	21.9	22.4	19.5	18.8	19.1	11.7	11.0	11.4	10.7	10.0	10.4		
19	22.4	21.4	22.2	19.5	19.0	19.3	11.4	10.7	11.0	10.9	10.4	10.7		
20	22.9	21.7	22.2	19.3	18.7	19.0	11.0	10.1	10.5	10.5	10.1	10.3		
21	22.6	21.9	22.2	19.6	18.6	18.8	10.4	9.5	9.9	10.3	9.8	10.0		
22	22.3	21.9	22.2	18.9	18.5	18.8	10.4	9.5	9.9	10.1	9.8	10.0		
23	22.3	21.4	21.8	18.9	18.5	18.7	10.3	9.8	10.1	10.0	9.7	9.8		
24	21.7	21.1	21.4	19.1	18.6	18.9	10.8	10.2	10.5	10.0	9.4	9.7		
25	21.4	20.6	21.0	18.8	18.2	18.5	10.5	10.2	10.4	9.9	9.5	9.7		
26	21.4	20.8	21.1	18.5	17.9	18.2	10.5	10.1	10.3	9.7	9.2	9.4		
27	21.4	21.0	21.3	18.6	18.0	18.2	10.7	10.0	10.3	9.3	8.8	9.0		
28	21.4	21.2	21.3	18.6	18.1	18.3	10.7	9.9	10.3	9.0	8.4	8.7		
29	21.4	21.0	21.2	18.2	16.6	17.2	10.5	10.1	10.4	8.6	8.0	8.5		
30	21.4	20.8	21.1	16.7	15.5	16.2	11.0	10.4	10.6	8.6	8.2	8.4		
31	21.3	20.5	21.0	---	---	---	11.0	10.2	10.6	8.6	8.1	8.4		
MONTH	24.2	20.5	22.3	23.1	15.5	19.6	16.1	9.5	11.9	12.6	8.0	10.1		

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius										
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
			FEBRUARY			MARCH			APRIL			MAY		
1	8.6	7.8	8.2	11.4	9.2	10.0	16.6	15.8	16.2	21.6	21.1	21.4		
2	8.7	7.6	8.1	11.5	9.3	10.5	16.4	15.8	16.0	22.2	21.1	21.5		
3	8.8	7.8	8.4	12.5	9.8	10.9	16.6	15.6	15.9	22.2	21.4	21.6		
4	9.1	8.1	8.5	12.8	10.6	11.3	16.5	15.6	16.0	22.0	20.7	21.2		
5	---	---	---	13.9	11.3	12.0	16.4	15.4	15.9	22.0	20.6	21.1		
6	---	---	---	13.5	12.3	12.8	16.7	15.5	16.0	22.6	20.9	21.5		
7	---	---	---	14.6	12.6	13.1	17.0	15.9	16.2	23.1	21.4	22.0		
8	---	---	---	13.5	12.5	13.0	17.4	16.3	16.6	23.6	21.9	22.5		
9	---	---	---	13.4	12.2	12.8	17.7	16.4	17.0	23.8	22.3	22.9		
10	9.8	9.4	9.6	12.8	12.2	12.6	18.3	16.9	17.5	23.8	22.8	23.2		
11	10.0	9.5	9.8	13.4	12.1	12.5	18.9	17.5	18.1	24.0	23.1	23.5		
12	9.7	9.6	9.7	13.2	12.2	12.6	19.0	18.1	18.6	24.4	23.5	23.9		
13	10.1	9.5	9.7	13.7	12.5	12.8	19.2	18.7	18.9	24.8	23.8	24.2		
14	9.9	9.6	9.7	14.1	12.7	13.2	19.2	18.1	18.6	25.4	24.1	24.5		
15	10.0	9.6	9.8	14.5	13.0	13.6	18.4	17.7	18.1	25.6	24.4	24.7		
16	10.1	9.5	9.8	14.6	13.6	14.0	19.0	17.6	18.1	26.1	24.6	25.1		
17	9.7	9.1	9.4	14.9	13.8	14.2	19.4	18.0	18.4	26.5	24.9	25.3		
18	9.4	8.6	9.0	15.6	13.9	14.3	19.9	18.4	18.8	26.4	25.2	25.5		
19	9.8	8.7	9.1	15.9	14.2	14.7	20.3	18.8	19.3	26.6	25.2	25.7		
20	10.1	9.1	9.4	15.7	14.8	15.1	20.6	19.2	19.5	26.9	25.4	25.9		
21	10.3	9.6	10.0	15.9	15.2	15.5	21.2	19.5	19.9	26.9	25.6	26.0		
22	10.8	9.9	10.3	15.4	14.6	15.1	21.9	19.8	20.4	27.5	25.6	26.1		
23	11.0	10.2	10.6	15.1	14.2	14.6	21.9	20.3	20.8	26.9	25.7	26.1		
24	11.2	10.7	10.8	15.3	14.2	14.6	22.4	20.5	21.3	27.3	25.8	26.3		
25	11.0	10.3	10.7	16.3	14.4	15.0	22.6	20.8	21.6	27.1	25.9	26.4		
26	10.8	9.9	10.2	17.1	14.7	15.6	22.6	21.2	21.8	27.2	26.0	26.4		
27	10.0	9.2	9.5	18.0	15.1	16.0	22.0	21.1	21.6	27.2	26.2	26.5		
28	9.9	8.8	9.3	17.9	15.6	16.6	21.6	20.7	21.1	26.9	26.2	26.5		
29	10.6	9.0	9.5	17.0	15.8	16.3	21.9	20.5	21.1	27.4	26.4	26.8		
30	---	---	---	16.9	15.9	16.4	22.2	20.7	21.4	28.0	26.6	26.9		
31	---	---	---	17.2	16.1	16.5	---	---	---	27.4	26.9	27.1		
MONTH	---	---	---	18.0	9.2	13.8	22.6	15.4	18.7	28.0	20.6	24.5		

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.4	26.9	27.1	29.1	28.6	28.8	30.0	29.2	29.6	27.5	27.0	27.2
2	28.0	26.9	27.2	29.3	28.5	28.8	29.8	29.1	29.4	27.8	26.9	27.2
3	28.0	27.1	27.4	29.4	28.4	28.8	29.9	29.1	29.4	27.5	26.7	27.1
4	27.3	26.8	27.2	29.5	28.5	28.9	30.4	29.2	29.7	27.6	26.7	27.1
5	27.7	26.8	27.2	29.7	28.8	29.1	30.7	29.6	29.9	27.3	26.7	27.1
6	27.8	26.9	27.2	30.1	29.0	29.5	30.1	29.0	29.7	27.0	26.3	26.6
7	28.3	27.1	27.5	30.4	29.4	29.9	29.5	27.8	28.7	26.8	26.3	26.5
8	28.8	27.4	27.9	30.4	29.3	29.9	28.8	27.8	28.4	27.0	26.3	26.7
9	28.5	27.7	28.0	31.0	29.6	30.0	28.8	27.9	28.3	27.7	26.6	27.0
10	28.8	27.9	28.2	30.7	29.7	30.0	29.0	27.4	28.2	27.2	26.8	27.1
11	29.1	28.0	28.5	31.0	29.5	30.0	28.9	27.9	28.2	27.1	26.7	26.9
12	29.5	28.3	28.7	30.8	29.6	30.0	28.6	27.7	28.1	26.9	26.4	26.6
13	28.6	27.8	28.3	31.1	29.6	30.1	28.1	27.6	27.8	26.9	25.9	26.3
14	28.3	27.7	27.9	31.2	29.8	30.2	27.8	27.1	27.4	26.3	25.7	26.0
15	28.3	27.1	27.8	30.9	29.9	30.2	27.7	27.0	27.3	26.0	25.5	25.8
16	28.0	27.3	27.7	30.5	29.7	30.0	28.1	27.1	27.4	26.5	25.5	25.9
17	27.9	27.5	27.7	30.8	29.7	30.0	27.9	27.3	27.5	26.5	25.9	26.2
18	29.1	27.5	27.9	29.9	29.1	29.7	28.6	27.3	27.7	26.6	25.7	26.2
19	29.3	27.8	28.2	30.4	29.1	29.4	28.9	27.6	28.1	26.2	25.2	25.6
20	29.2	28.1	28.5	29.9	29.0	29.4	29.3	27.9	28.4	25.3	24.2	24.7
21	28.7	28.1	28.4	30.4	29.0	29.5	28.7	28.1	28.5	24.4	23.2	24.0
22	29.1	28.2	28.5	30.7	29.2	29.7	28.8	28.1	28.5	24.3	23.3	23.9
23	29.1	28.0	28.6	30.2	29.4	29.7	28.6	28.2	28.4	24.4	23.7	24.0
24	29.0	27.9	28.5	30.3	29.5	29.8	28.8	28.0	28.4	24.4	23.8	24.1
25	29.3	28.3	28.7	30.2	29.3	29.7	28.8	28.1	28.4	24.6	23.8	24.1
26	29.1	28.2	28.7	30.6	29.4	29.7	28.6	28.1	28.3	24.3	24.0	24.1
27	29.2	28.4	28.8	30.7	29.6	29.9	28.5	27.8	28.1	24.8	24.2	24.5
28	29.1	28.4	28.8	30.8	29.7	30.0	28.3	27.5	27.9	25.1	24.5	24.8
29	29.3	28.6	28.9	30.2	29.4	29.8	27.7	26.4	27.1	25.3	24.6	25.0
30	29.5	28.8	29.0	30.4	29.4	29.7	27.7	26.4	26.8	25.5	24.9	25.2
31	---	---	---	30.2	29.4	29.7	28.0	26.7	27.1	---	---	---
MONTH	29.5	26.8	28.1	31.2	28.4	29.7	30.7	26.4	28.3	27.8	23.2	25.8