

**APALACHICOLA RIVER BASIN
2004 Water Year**

02334885 SUWANEE CREEK NEAR SUWANEE, GA

LOCATION.—Lat 34°01'56", long 84°05'22" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, 20 feet upstream of US 23 bridge, 1.7 miles southwest of Suwanee, 3.1 miles upstream of the Chattahoochee River, 0.2 miles upstream of Bennett Creek, and 0.65 miles downstream of Mill Creek.

DRAINAGE AREA.—47.0 square miles.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—February 8, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: February 8, 2001 to current year.

WATER TEMPERATURE: February 8, 2001 to current year.

TURBIDITY: February 15, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor.

REMARKS.—Records fair, except turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 240 microsiemens, September 13, 2002; minimum recorded, 30 microsiemens, July 2, 2003.

WATER TEMPERATURE: Maximum recorded, 26.3°C, July 30, 2002; minimum recorded, 1.5°C, January 5, 2002.

TURBIDITY: Maximum recorded, >2,200 NTU, July 10, 2003, August 10, 2003; minimum recorded, 4.2 NTU, May 6, 2001.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 149 microsiemens, July 25; minimum recorded, 31 microsiemens, September 17.

WATER TEMPERATURE: Maximum recorded, 25.7°C, July 14; minimum recorded, 3.3°C, January 29.

TURBIDITY: Maximum recorded, 1,860 NTU, July 30; minimum recorded, <5.0 NTU, on several days.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	107	94	102	120	107	116	97	89	94	100	91	97
2	111	96	105	119	106	114	103	93	99	99	92	96
3	109	98	105	118	105	112	108	94	102	102	92	98
4	110	99	106	121	107	114	106	96	101	100	93	97
5	108	98	105	120	63	108	135	96	102	101	82	93
6	108	99	104	107	70	78	115	89	98	99	79	84
7	112	99	107	99	74	90	104	94	99	98	83	92
8	112	102	108	110	97	104	104	96	101	103	92	99
9	112	103	108	113	101	107	111	97	105	101	88	96
10	111	101	107	113	102	109	108	57	83	94	87	91
11	110	100	106	119	103	111	76	59	70	99	89	94
12	110	103	107	120	103	112	90	76	87	101	91	97
13	107	99	104	121	104	113	97	86	93	101	92	98
14	118	103	110	119	107	113	88	63	73	106	96	101
15	121	105	113	118	107	113	82	68	78	107	96	103
16	124	107	116	118	105	112	92	81	89	107	96	103
17	123	110	118	115	86	104	97	84	90	107	96	103
18	122	109	117	96	67	87	103	84	94	104	86	96
19	120	106	114	71	50	57	99	90	96	93	85	89
20	118	103	112	75	54	65	101	91	97	101	90	95
21	124	107	114	85	75	82	102	93	98	104	93	99
22	126	109	118	93	83	90	104	93	99	106	94	101
23	128	110	121	97	89	93	104	93	99	106	96	103
24	129	114	124	97	91	95	95	66	77	106	100	103
25	130	116	125	98	91	95	86	71	82	105	49	75
26	132	88	116	106	94	100	92	85	89	67	50	57
27	96	79	84	110	79	100	96	88	93	80	67	75
28	106	81	95	94	68	75	97	91	94	86	78	84
29	118	99	109	85	74	81	97	90	94	93	82	90
30	122	102	113	93	84	89	99	87	94	97	86	93
31	124	99	112	---	---	---	100	86	92	97	87	93
MONTH	132	79	110	121	50	98	135	57	92	107	49	93

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

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
	FEBRUARY			MARCH			APRIL			MAY		
1	97	89	93	95	88	92	104	89	99	123	97	113
2	96	63	87	98	87	95	105	94	101	97	57	71
3	73	55	64	---	---	---	106	96	102	87	68	79
4	90	73	81	101	91	97	106	96	102	101	84	96
5	94	81	90	103	92	99	103	94	100	106	90	99
6	96	52	75	105	88	94	109	95	103	112	95	103
7	75	52	65	93	85	90	111	98	106	116	101	108
8	82	75	80	99	89	94	112	98	107	128	105	119
9	86	80	84	102	90	97	109	99	106	126	111	119
10	93	81	87	105	93	99	109	99	106	114	85	96
11	95	84	91	107	94	101	107	98	102	110	86	98
12	90	52	67	105	94	101	102	90	98	---	---	---
13	75	58	69	104	94	101	90	62	72	---	---	---
14	85	75	80	104	95	100	86	69	80	---	---	---
15	81	58	73	102	93	98	99	82	93	112	97	106
16	73	58	65	106	91	99	102	89	96	113	103	109
17	83	73	79	103	92	99	102	92	99	108	82	91
18	87	79	84	108	93	102	101	93	99	---	---	---
19	94	82	89	106	95	101	105	93	100	---	---	---
20	94	86	91	107	95	103	117	97	107	---	---	---
21	98	88	94	105	94	102	133	102	119	---	---	---
22	96	88	93	104	93	99	133	113	123	120	106	115
23	96	88	93	113	95	102	131	115	124	121	108	117
24	99	89	94	113	95	104	122	110	117	118	105	113
25	101	89	96	110	95	103	120	108	115	128	109	118
26	101	90	94	107	95	103	117	101	108	131	109	122
27	116	92	102	109	97	104	114	100	104	130	116	124
28	110	92	99	106	96	102	118	100	109	131	119	127
29	98	91	95	103	91	98	120	102	113	133	120	128
30	---	---	---	103	84	95	121	106	115	131	119	126
31	---	---	---	98	82	90	---	---	---	127	95	114
MONTH	116	52	85	---	---	---	133	62	104	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

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	100	86	90	85	52	78	94	82	87	128	68	101
2	117	96	105	67	49	56	101	92	96	123	64	87
3	121	110	116	83	67	78	110	99	103	92	65	79
4	126	114	120	92	82	89	118	105	111	111	92	100
5	130	115	124	92	80	87	122	52	104	122	105	111
6	129	116	124	101	86	95	108	71	93	117	105	113
7	128	115	124	109	92	103	115	102	106	113	33	54
8	135	102	120	117	97	108	124	111	118	60	33	45
9	127	100	112	117	105	112	122	110	119	73	60	67
10	131	114	123	119	106	114	126	114	121	87	73	82
11	136	119	127	124	111	118	132	117	127	96	84	91
12	138	55	128	124	110	118	131	40	66	100	91	96
13	112	55	98	120	109	116	66	42	57	102	94	98
14	116	100	108	114	65	105	88	66	78	115	97	105
15	117	95	111	124	78	95	96	84	90	120	102	111
16	129	105	118	112	84	95	102	90	96	121	36	94
17	125	108	116	117	104	112	112	95	103	52	31	38
18	127	112	121	122	81	97	124	101	112	70	52	63
19	135	124	131	100	81	87	124	111	118	81	70	77
20	132	124	127	117	100	107	127	109	119	91	80	86
21	136	122	131	125	112	120	128	101	115	104	88	96
22	131	73	109	135	118	127	116	98	105	107	94	101
23	107	96	101	142	124	135	118	105	112	111	97	105
24	128	91	110	144	127	137	118	108	115	112	101	108
25	107	70	92	149	130	140	126	111	119	111	102	108
26	85	67	74	146	95	123	128	112	122	110	102	107
27	91	47	73	121	98	109	129	111	121	110	45	90
28	65	44	51	111	45	70	128	114	123	56	38	44
29	78	65	73	91	58	76	132	92	121	72	56	64
30	90	59	77	96	38	52	122	106	115	86	72	82
31	---	---	---	82	55	70	123	113	119	---	---	---
MONTH	138	44	108	149	38	101	132	40	107	128	31	87

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 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

Temperature, water, 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	16.4	15.2	15.8	15.3	13.8	14.6	8.0	6.9	7.4	6.8	6.0	6.5
2	15.9	14.9	15.4	15.6	14.1	14.9	8.3	7.5	7.9	8.1	6.8	7.5
3	15.1	14.2	14.7	15.7	14.2	15.0	7.9	7.4	7.7	10.2	8.1	9.2
4	15.6	14.0	14.8	16.5	15.1	15.8	7.4	6.5	6.9	11.9	10.2	11.1
5	16.3	14.9	15.6	20.4	16.5	17.6	6.9	6.5	6.7	13.4	11.9	12.6
6	17.2	16.1	16.6	19.8	18.9	19.4	7.3	6.7	7.0	12.3	7.8	10.0
7	18.1	17.1	17.6	19.6	18.6	19.2	6.8	6.1	6.5	7.8	4.6	5.9
8	18.5	17.8	18.1	18.6	16.7	17.7	6.7	5.7	6.2	4.6	3.8	4.2
9	18.6	18.1	18.4	16.7	14.7	15.8	7.5	6.1	6.7	5.5	4.3	4.9
10	18.8	18.4	18.5	14.7	12.9	13.7	10.1	7.5	9.2	5.6	5.1	5.5
11	18.4	18.0	18.2	13.3	12.0	12.7	9.6	7.3	8.2	5.1	4.3	4.7
12	18.7	17.8	18.2	14.6	12.7	13.6	7.3	6.4	6.8	5.1	4.1	4.6
13	18.8	17.8	18.3	14.6	12.8	14.0	6.7	6.5	6.6	6.5	5.0	5.8
14	19.2	18.2	18.7	12.8	10.6	11.3	6.6	6.1	6.2	7.5	6.2	6.7
15	18.2	16.2	17.2	11.2	10.0	10.6	6.6	5.9	6.3	8.5	7.5	8.0
16	16.2	14.6	15.3	12.1	10.4	11.2	7.7	6.2	6.8	7.8	6.9	7.3
17	14.9	13.8	14.2	15.1	12.0	13.6	8.1	7.2	7.8	6.9	6.4	6.7
18	14.5	13.3	14.0	17.1	15.1	15.6	7.2	6.3	6.6	8.0	6.5	7.4
19	14.7	13.4	14.1	17.5	15.8	17.0	6.7	6.1	6.4	8.0	6.4	7.4
20	15.2	13.7	14.5	15.8	13.9	14.5	6.1	4.7	5.4	6.4	4.9	5.5
21	16.0	14.3	15.1	13.9	12.7	13.2	4.7	3.9	4.3	5.1	4.3	4.7
22	16.4	15.4	15.9	12.9	12.2	12.6	4.9	3.8	4.4	5.3	4.1	4.7
23	16.0	14.7	15.3	12.8	12.1	12.5	7.8	4.8	5.5	5.3	4.5	4.9
24	15.2	14.1	14.7	13.4	12.0	13.0	8.7	7.6	8.2	5.8	4.1	4.9
25	15.3	14.3	14.8	12.0	9.5	10.5	7.8	5.6	6.5	7.7	5.5	6.6
26	16.5	15.2	15.7	9.7	8.9	9.4	5.6	4.9	5.3	5.5	4.6	4.8
27	16.2	15.5	16.1	11.3	9.6	10.4	5.7	4.9	5.3	5.5	4.9	5.1
28	15.5	13.7	14.3	12.0	11.0	11.7	5.9	5.2	5.5	5.1	3.9	4.3
29	14.1	13.0	13.6	11.0	7.9	9.3	7.5	5.7	6.4	4.3	3.3	3.9
30	14.2	12.8	13.5	7.9	7.0	7.4	8.4	7.5	8.1	5.6	4.1	4.9
31	14.9	13.5	14.2	---	---	---	7.8	6.6	7.1	5.7	5.0	5.4
MONTH	19.2	12.8	15.9	20.4	7.0	13.6	10.1	3.8	6.6	13.4	3.3	6.3

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

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 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	5.7	5.0	5.4	11.0	8.3	9.4	13.5	12.0	12.6	18.2	17.2	17.7
2	5.7	3.9	5.2	13.7	11.0	12.5	13.0	11.6	12.4	18.9	17.9	18.3
3	5.9	3.8	4.7	---	---	---	14.5	12.2	13.3	17.9	15.3	16.4
4	5.9	5.2	5.7	15.4	14.6	15.0	14.9	13.3	13.9	15.3	14.1	14.7
5	5.8	5.6	5.7	15.5	14.6	15.2	14.7	12.4	13.4	16.2	14.2	15.2
6	6.6	5.5	5.9	16.6	15.2	15.9	14.8	12.5	13.6	18.2	16.0	17.1
7	6.6	5.6	6.2	16.0	14.2	15.1	15.3	13.4	14.3	19.5	17.4	18.4
8	5.6	4.6	5.1	14.2	11.8	12.9	16.1	14.6	15.3	20.3	18.2	19.2
9	5.7	5.2	5.5	11.8	10.6	11.0	16.9	15.0	15.8	20.9	19.2	20.0
10	6.4	5.4	5.8	11.1	9.8	10.5	16.1	14.8	15.4	20.9	19.7	20.3
11	7.5	6.4	7.0	11.0	9.5	10.3	15.8	14.9	15.3	21.1	20.0	20.5
12	7.6	6.7	7.0	11.8	10.4	11.0	15.7	14.4	15.3	---	---	---
13	8.3	6.6	7.3	11.8	10.5	11.1	14.5	12.5	13.6	---	---	---
14	8.7	8.2	8.6	12.8	11.2	11.9	12.5	11.2	11.9	---	---	---
15	8.7	7.8	8.5	14.3	12.8	13.7	13.8	11.7	12.7	21.0	19.7	20.3
16	8.2	7.0	7.4	15.5	14.3	14.8	15.3	13.5	14.4	21.1	20.0	20.5
17	7.1	6.6	6.8	14.8	13.5	14.0	16.5	14.7	15.6	20.3	19.7	20.1
18	7.6	6.3	7.0	13.5	12.4	12.8	17.7	15.6	16.6	---	---	---
19	8.1	6.7	7.5	14.4	12.2	13.2	18.5	16.6	17.5	---	---	---
20	8.6	7.5	8.0	15.1	13.7	14.3	18.7	17.3	18.0	---	---	---
21	10.5	8.6	9.6	15.5	13.8	14.9	18.3	17.5	17.9	---	---	---
22	10.3	8.9	9.5	13.8	11.0	12.3	18.8	17.1	17.9	22.0	21.3	21.8
23	9.2	8.4	8.7	11.2	9.7	10.5	19.2	17.7	18.4	22.1	20.8	21.4
24	9.5	8.6	8.9	12.1	10.0	11.0	19.6	18.0	18.8	22.2	20.7	21.5
25	9.5	8.8	9.3	13.9	11.6	12.7	20.1	18.5	19.3	23.0	21.2	22.1
26	8.8	5.6	7.0	15.8	13.4	14.6	19.4	18.0	19.0	23.5	22.1	22.8
27	6.1	5.2	5.6	16.8	14.9	15.7	18.0	16.2	16.9	23.6	22.3	22.9
28	7.7	5.7	6.7	17.5	15.4	16.4	16.5	14.9	15.7	23.3	22.3	22.8
29	8.5	7.0	7.7	17.9	16.8	17.3	16.8	15.2	16.0	22.8	22.1	22.4
30	---	---	---	17.1	16.1	16.7	17.4	16.3	16.8	23.0	21.5	22.2
31	---	---	---	16.5	13.5	15.1	---	---	---	22.8	21.7	22.4
MONTH	10.5	3.8	7.0	---	---	---	20.1	11.2	15.6	---	---	---

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 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

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

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.7	21.0	21.4	23.5	22.3	22.6	24.8	23.9	24.4	23.9	22.6	23.5
2	21.6	20.3	20.9	23.5	22.5	22.9	25.1	24.0	24.6	23.2	22.2	22.6
3	21.6	20.2	21.0	23.5	22.6	23.1	25.2	23.8	24.5	22.3	21.9	22.1
4	22.1	20.7	21.4	23.5	23.0	23.2	25.3	23.9	24.6	22.3	21.5	21.9
5	21.6	20.5	21.1	23.8	22.8	23.3	24.7	23.7	24.2	22.5	21.6	22.0
6	21.7	20.2	20.9	24.3	23.1	23.7	24.4	23.4	24.1	22.3	21.9	22.1
7	21.5	20.7	21.1	24.2	23.0	23.6	23.4	22.0	22.5	22.5	21.8	22.1
8	21.5	21.0	21.2	24.6	23.2	23.9	22.0	20.7	21.4	22.3	21.9	22.1
9	22.0	21.1	21.5	24.7	23.3	24.1	21.5	20.5	21.1	22.0	21.4	21.8
10	22.9	21.2	22.0	25.1	23.6	24.3	21.4	20.8	21.1	22.2	21.7	22.0
11	23.9	22.1	23.0	25.2	23.9	24.6	22.0	20.6	21.4	22.0	21.5	21.8
12	24.7	22.9	23.7	25.0	24.1	24.6	22.2	21.3	21.8	21.9	21.2	21.5
13	24.2	23.4	23.8	25.6	24.2	24.9	21.6	20.7	21.1	21.5	20.9	21.2
14	23.8	23.1	23.5	25.7	24.3	24.9	20.7	20.0	20.4	21.1	20.4	20.7
15	24.3	23.2	23.6	25.1	23.8	24.3	21.5	20.4	20.9	20.7	20.3	20.5
16	24.3	23.1	23.7	23.8	22.7	23.4	22.2	21.2	21.7	22.6	20.5	21.2
17	25.0	23.4	24.2	23.8	22.8	23.2	22.4	21.4	21.9	22.5	21.8	22.2
18	25.1	23.9	24.5	24.1	23.2	23.7	22.9	21.6	22.2	21.8	20.6	21.1
19	25.4	24.0	24.7	24.1	22.9	23.6	22.9	21.6	22.3	20.6	19.1	19.8
20	25.0	23.8	24.5	23.7	22.4	23.1	22.9	22.0	22.5	19.1	18.1	18.4
21	24.6	23.5	23.9	23.8	22.4	23.2	23.1	22.5	22.8	18.3	17.6	18.0
22	25.2	22.9	23.7	24.1	22.8	23.5	23.2	22.3	22.8	18.5	17.3	17.9
23	24.0	23.3	23.6	24.9	23.3	24.1	23.4	22.5	23.0	19.1	17.6	18.4
24	23.5	22.9	23.2	25.3	23.8	24.6	23.4	22.5	23.0	19.9	18.5	19.2
25	24.4	22.7	23.4	25.0	24.3	24.6	23.2	22.8	23.0	20.3	19.2	19.7
26	23.8	23.2	23.5	24.5	23.6	24.1	23.4	22.5	22.9	20.1	19.1	19.7
27	24.4	23.0	23.4	24.2	23.6	23.8	23.5	22.5	23.0	20.3	19.4	19.7
28	23.4	22.6	22.9	23.8	22.8	23.5	24.1	22.9	23.5	21.0	19.8	20.4
29	22.8	22.1	22.4	24.0	23.6	23.8	24.5	23.4	23.8	20.8	19.7	20.2
30	23.2	22.2	22.6	25.1	23.8	24.4	24.0	23.1	23.6	19.7	18.9	19.3
31	---	---	---	24.9	24.2	24.5	24.1	23.0	23.6	---	---	---
MONTH	25.4	20.2	22.8	25.7	22.3	23.8	25.3	20.0	22.7	23.9	17.3	20.8

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	80	22	28	345	41	89	29	16	20	279	<5.0	31
2	32	13	19	493	101	210	17	12	14	236	19	84
3	26	12	20	101	38	54	14	9.3	11	68	19	31
4	27	12	18	55	30	35	16	8.3	9.7	24	9.1	12
5	28	12	18	55	26	35	595	8.0	11	15	6.7	7.7
6	27	13	18	36	17	21	162	14	48	17	5.9	7.1
7	72	12	18	22	14	16	20	9.2	11	218	7.4	164
8	107	30	52	18	11	14	15	7.6	10	181	94	110
9	35	14	20	16	9.6	12	18	7.4	9.3	94	30	51
10	29	9.8	16	15	9.1	12	20	7.2	9.3	31	15	20
11	21	9.4	14	14	8.3	11	17	6.8	8.6	19	8.8	12
12	693	9.0	13	18	8.7	12	395	8.3	239	12	6.6	8.4
13	332	21	39	23	9.0	15	172	45	90	9.0	5.6	6.9
14	22	9.1	13	361	10	13	45	18	26	8.9	<5.0	6.1
15	72	8.9	23	148	21	67	22	12	16	8.7	<5.0	6.2
16	27	8.8	13	28	11	16	18	8.8	12	418	6.2	13
17	19	7.3	11	25	9.6	13	13	6.5	9.6	610	183	371
18	22	9.0	12	111	20	58	12	6.0	8.8	209	59	103
19	24	7.1	10	104	18	40	9.8	6.3	8.1	60	30	43
20	22	6.9	10	19	9.2	14	33	6.6	8.5	31	16	21
21	24	7.5	12	---	---	---	34	10	18	---	---	---
22	550	17	22	---	---	---	15	6.3	8.8	---	---	---
23	54	13	27	9.2	6.1	7.0	9.5	5.2	7.0	16	6.5	11
24	37	15	26	9.0	5.5	6.8	8.0	5.0	6.2	27	8.7	10
25	493	20	32	9.0	5.4	6.7	9.3	<5.0	6.7	15	7.7	9.9
26	307	45	108	62	9.0	16	9.4	5.0	6.4	10	6.2	8.2
27	696	21	42	29	12	19	8.6	5.1	6.2	212	6.8	8.4
28	412	128	196	1730	11	259	9.9	5.3	6.3	236	105	164
29	130	48	68	126	26	45	57	5.8	7.2	170	39	75
30	341	32	49	1860	26	258	15	5.4	7.1	40	17	26
31	---	---	---	116	29	50	14	<5.0	5.8	---	---	---
MAX	696	128	196	---	---	---	595	45	239	---	---	---
MIN	19	6.9	10	---	---	---	8.0	5.0	5.8	---	---	---

< Actual value is known to be less than the value shown