

Water-Data Report 2010

02198745 SAVANNAH RIVER NEAR RINCON, GA

Savannah Basin
Lower Savannah Subbasin

LOCATION.--Lat 32°21'11", long 81°09'42" referenced to North American Datum of 1927, Effingham County, GA, Hydrologic Unit 03060109.

DRAINAGE AREA.--10,201 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2009 to June 2010 (discontinued).

GAGE.--Satellite telemetry with a water-stage recorder. Datum of gage is 15 feet above the North American Vertical Datum (NAVD) of 1929.

COOPERATION.--U.S. Army Corp Of Engineers, Savannah District.

REMARKS.--Gage-height records good.

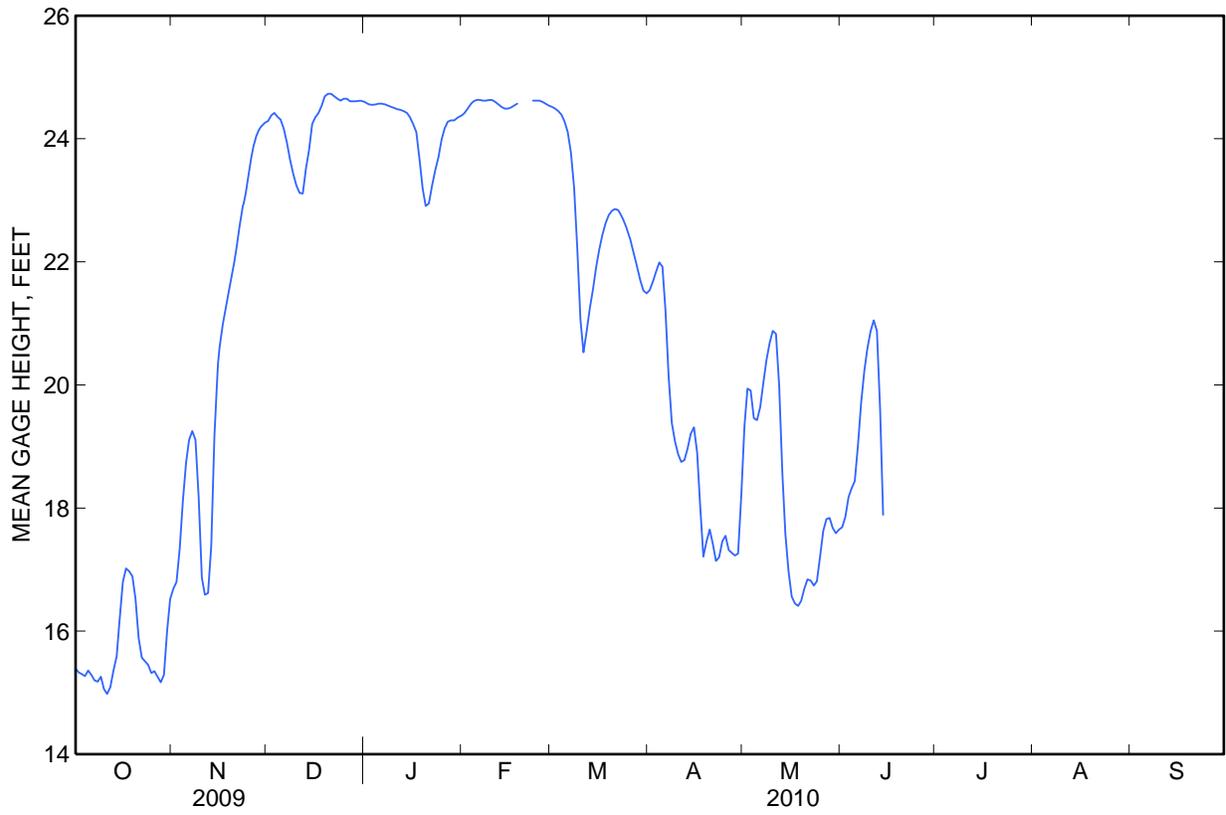
EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded 24.78 feet, December 20, 21; minimum gage-height recorded 14.44 feet, October 11.

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| 1 | 15.39 | 16.69 | 24.29 | 24.59 | 24.40 | 24.52 | 21.54 | 19.33 | 17.69 | --- | --- | --- |
| 2 | 15.33 | 16.80 | 24.38 | 24.56 | 24.47 | 24.49 | 21.68 | 19.94 | 17.86 | --- | --- | --- |
| 3 | 15.30 | 17.34 | 24.42 | 24.55 | 24.55 | 24.45 | 21.84 | 19.91 | 18.18 | --- | --- | --- |
| 4 | 15.27 | 18.12 | 24.36 | 24.56 | 24.60 | 24.39 | 21.99 | 19.46 | 18.32 | --- | --- | --- |
| 5 | 15.36 | 18.74 | 24.31 | 24.57 | 24.63 | 24.28 | 21.92 | 19.43 | 18.44 | --- | --- | --- |
| 6 | 15.29 | 19.11 | 24.16 | 24.57 | 24.63 | 24.11 | 21.21 | 19.64 | 19.02 | --- | --- | --- |
| 7 | 15.20 | 19.25 | 23.93 | 24.56 | 24.62 | 23.78 | 20.13 | 20.04 | 19.71 | --- | --- | --- |
| 8 | 15.18 | 19.11 | 23.66 | 24.54 | 24.62 | 23.21 | 19.38 | 20.40 | 20.23 | --- | --- | --- |
| 9 | 15.26 | 18.18 | 23.43 | 24.52 | 24.63 | 22.22 | 19.08 | 20.68 | 20.59 | --- | --- | --- |
| 10 | 15.06 | 16.87 | 23.24 | 24.50 | 24.63 | 21.06 | 18.87 | 20.88 | 20.87 | --- | --- | --- |
| 11 | 14.98 | 16.59 | 23.12 | 24.48 | 24.60 | 20.53 | 18.75 | 20.83 | 21.05 | --- | --- | --- |
| 12 | 15.09 | 16.62 | 23.11 | 24.47 | 24.56 | 20.87 | 18.78 | 19.99 | 20.88 | --- | --- | --- |
| 13 | 15.36 | 17.38 | 23.52 | 24.45 | 24.52 | 21.25 | 18.97 | 18.57 | 19.61 | --- | --- | --- |
| 14 | 15.59 | 19.17 | 23.81 | 24.42 | 24.49 | 21.56 | 19.21 | 17.58 | 17.89 | --- | --- | --- |
| 15 | 16.20 | 20.23 | 24.24 | 24.35 | 24.49 | 21.92 | 19.31 | 16.97 | --- | --- | --- | --- |
| 16 | 16.80 | 20.74 | 24.35 | 24.24 | 24.51 | 22.20 | 18.90 | 16.56 | --- | --- | --- | --- |
| 17 | 17.02 | 21.08 | 24.42 | 24.11 | 24.54 | 22.44 | 18.03 | 16.45 | --- | --- | --- | --- |
| 18 | 16.97 | 21.37 | 24.54 | 23.67 | 24.57 | 22.63 | 17.21 | 16.41 | --- | --- | --- | --- |
| 19 | 16.89 | 21.63 | 24.69 | 23.19 | --- | 22.76 | 17.46 | 16.49 | --- | --- | --- | --- |
| 20 | 16.53 | 21.92 | 24.73 | 22.91 | --- | 22.83 | 17.65 | 16.69 | --- | --- | --- | --- |
| 21 | 15.89 | 22.23 | 24.73 | 22.95 | --- | 22.86 | 17.41 | 16.84 | --- | --- | --- | --- |
| 22 | 15.57 | 22.58 | 24.69 | 23.24 | --- | 22.84 | 17.14 | 16.82 | --- | --- | --- | --- |
| 23 | 15.51 | 22.90 | 24.65 | 23.49 | 24.62 | 22.75 | 17.20 | 16.74 | --- | --- | --- | --- |
| 24 | 15.45 | 23.16 | 24.62 | 23.70 | 24.62 | 22.64 | 17.46 | 16.81 | --- | --- | --- | --- |
| 25 | 15.32 | 23.46 | 24.65 | 23.99 | 24.62 | 22.49 | 17.55 | 17.21 | --- | --- | --- | --- |
| 26 | 15.35 | 23.77 | 24.65 | 24.17 | 24.60 | 22.33 | 17.32 | 17.63 | --- | --- | --- | --- |
| 27 | 15.26 | 24.00 | 24.61 | 24.28 | 24.57 | 22.14 | 17.27 | 17.82 | --- | --- | --- | --- |
| 28 | 15.17 | 24.14 | 24.61 | 24.30 | 24.54 | 21.91 | 17.23 | 17.84 | --- | --- | --- | --- |
| 29 | 15.29 | 24.21 | 24.61 | 24.30 | --- | 21.70 | 17.26 | 17.68 | --- | --- | --- | --- |
| 30 | 16.01 | 24.26 | 24.62 | 24.34 | --- | 21.53 | 18.20 | 17.59 | --- | --- | --- | --- |
| 31 | 16.52 | --- | 24.61 | 24.37 | --- | 21.49 | --- | 17.65 | --- | --- | --- | --- |
| Mean | 15.66 | 20.39 | 24.25 | 24.16 | --- | 22.59 | 18.86 | 18.29 | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued



02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--April 2009 to September 2009.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 2010 to June 2010.

WATER TEMPERATURE: February 2010 to June 2010.

REMARKS.--Specific conductance and water temperature records are rated good.

Laboratory chemical analyses are by the U.S. Geological Survey, National Water-Quality Laboratory, Denver, CO. Field determinations of discharge, specific conductance, pH, water temperature, turbidity, barometric pressure and dissolved oxygen are by the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 125 microsiemens, April 19, 20, 2010; minimum recorded, 44 microsiemens, February 23-25, 2010.

WATER TEMPERATURE: Maximum recorded, 26.9°C, June 15, 2010; minimum recorded, 6.2°C, February 18, 2010.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 125 microsiemens, April 19, 20 (partial year); minimum recorded, 44 microsiemens, February 23-25 (partial year).

WATER TEMPERATURE: Maximum recorded, 26.9°C, June 15 (partial year); minimum recorded, 6.2°C, February 18 (partial year).

WATER-QUALITY DATA**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter; EST, Eastern Standard Time]

| Date | Sample start time | Sample time datum | Specific conduc tance, water, unfiltered, $\mu\text{S}/\text{cm}$ at 25 °C (00095) | Gage height, ft (00065) | Chloride, water, filtered, mg/L (00940) |
|------------|-------------------|-------------------|--|-------------------------|---|
| 01-14-2010 | 0000 | EST | 61 | 24.42 | 4.44 |
| 01-15-2010 | 0000 | EST | 65 | 24.43 | 4.78 |
| 01-16-2010 | 0000 | EST | 71 | 24.31 | 5.26 |
| 01-17-2010 | 0000 | EST | 78 | 24.21 | 5.92 |
| 01-18-2010 | 0000 | EST | 83 | 23.90 | 6.81 |
| 01-19-2010 | 0000 | EST | 85 | 23.41 | 6.96 |
| 01-20-2010 | 0000 | EST | 87 | 23.02 | 6.85 |
| 01-21-2010 | 0000 | EST | 75 | 22.83 | 6.29 |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | October | | | November | | | December | | | 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 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

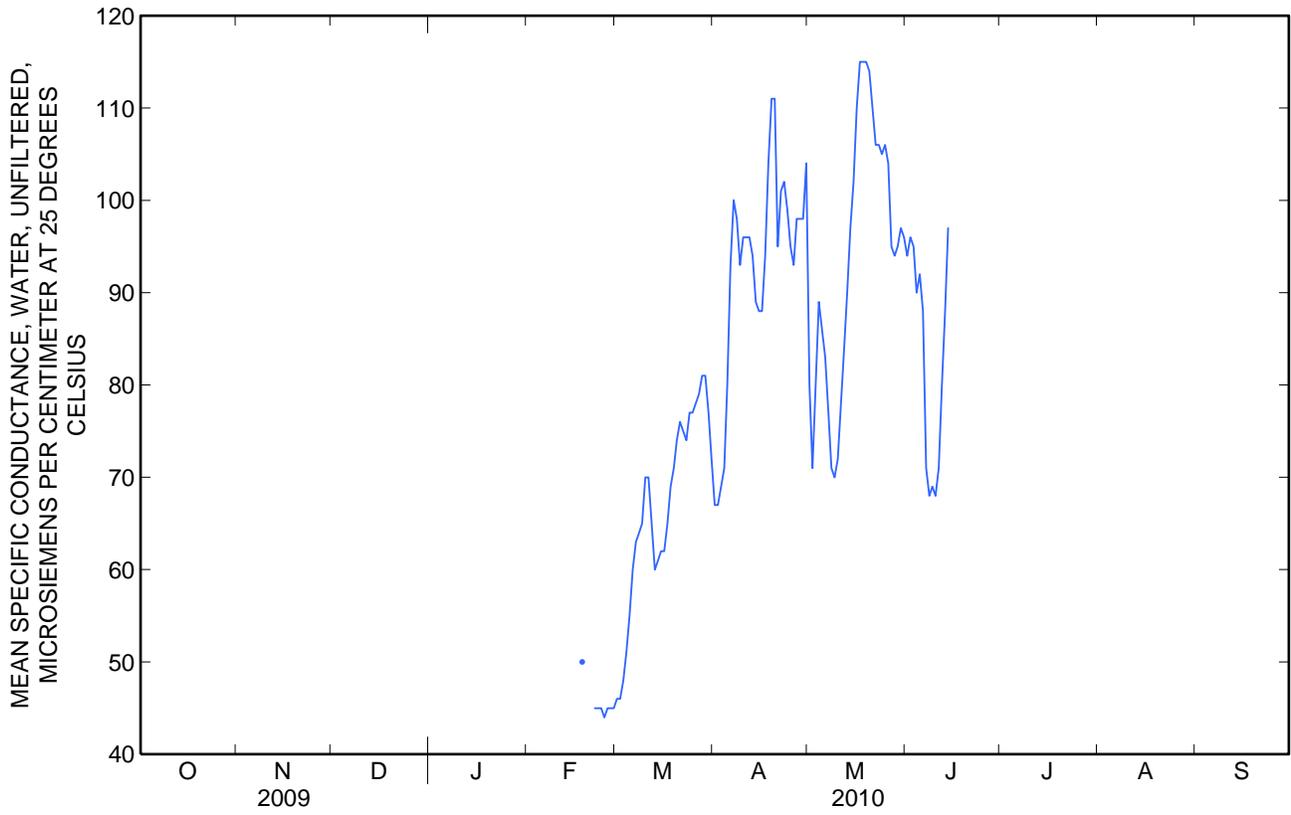
| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
| | February | | | March | | | April | | | May | | |
| 1 | --- | --- | --- | 46 | 45 | 46 | 70 | 64 | 67 | 98 | 70 | 80 |
| 2 | --- | --- | --- | 47 | 46 | 46 | 70 | 65 | 67 | 73 | 70 | 71 |
| 3 | --- | --- | --- | 50 | 47 | 48 | 70 | 68 | 69 | 85 | 72 | 80 |
| 4 | --- | --- | --- | 53 | 50 | 51 | 75 | 69 | 71 | 94 | 84 | 89 |
| 5 | --- | --- | --- | 57 | 53 | 55 | 89 | 75 | 80 | 91 | 81 | 86 |
| 6 | --- | --- | --- | 62 | 57 | 60 | 96 | 89 | 93 | 87 | 78 | 83 |
| 7 | --- | --- | --- | 65 | 62 | 63 | 104 | 96 | 100 | 84 | 71 | 77 |
| 8 | --- | --- | --- | 66 | 62 | 64 | 102 | 95 | 98 | 75 | 68 | 71 |
| 9 | --- | --- | --- | 66 | 64 | 65 | 101 | 91 | 93 | 73 | 68 | 70 |
| 10 | --- | --- | --- | 73 | 66 | 70 | 101 | 93 | 96 | 74 | 70 | 72 |
| 11 | --- | --- | --- | 72 | 69 | 70 | 99 | 94 | 96 | 80 | 73 | 78 |
| 12 | --- | --- | --- | 70 | 61 | 65 | 98 | 95 | 96 | 89 | 79 | 84 |
| 13 | --- | --- | --- | 61 | 59 | 60 | 96 | 90 | 94 | 95 | 88 | 90 |
| 14 | --- | --- | --- | 62 | 59 | 61 | 91 | 87 | 89 | 100 | 94 | 97 |
| 15 | --- | --- | --- | 62 | 61 | 62 | 91 | 85 | 88 | 107 | 97 | 102 |
| 16 | --- | --- | --- | 63 | 61 | 62 | 92 | 87 | 88 | 115 | 100 | 110 |
| 17 | --- | 52 | --- | 67 | 63 | 65 | 100 | 91 | 94 | 119 | 110 | 115 |
| 18 | 52 | 49 | 50 | 70 | 67 | 69 | 108 | 99 | 104 | 117 | 113 | 115 |
| 19 | --- | --- | --- | 73 | 70 | 71 | 125 | 99 | 111 | 117 | 113 | 115 |
| 20 | --- | --- | --- | 76 | 72 | 74 | 125 | 102 | 111 | 116 | 109 | 114 |
| 21 | --- | --- | --- | 77 | 74 | 76 | 102 | 92 | 95 | 115 | 106 | 110 |
| 22 | 45 | 45 | 45 | 76 | 74 | 75 | 102 | 99 | 101 | 109 | 104 | 106 |
| 23 | 45 | 44 | 45 | 76 | 73 | 74 | 103 | 101 | 102 | 110 | 102 | 106 |
| 24 | 45 | 44 | 45 | 77 | 76 | 77 | 102 | 95 | 99 | 109 | 102 | 105 |
| 25 | 45 | 44 | 44 | 78 | 76 | 77 | 96 | 92 | 95 | 111 | 103 | 106 |
| 26 | 45 | 45 | 45 | 80 | 77 | 78 | 95 | 91 | 93 | 107 | 98 | 104 |
| 27 | 45 | 45 | 45 | 81 | 78 | 79 | 100 | 95 | 98 | 100 | 92 | 95 |
| 28 | 46 | 45 | 45 | 82 | 80 | 81 | 99 | 97 | 98 | 100 | 91 | 94 |
| 29 | --- | --- | --- | 82 | 78 | 81 | 101 | 97 | 98 | 97 | 93 | 95 |
| 30 | --- | --- | --- | 80 | 74 | 77 | 106 | 98 | 104 | 105 | 92 | 97 |
| 31 | --- | --- | --- | 75 | 70 | 72 | --- | --- | --- | 102 | 91 | 96 |
| Month | --- | --- | --- | 82 | 45 | 67 | 125 | 64 | 93 | 119 | 68 | 94 |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
| | June | | | July | | | August | | | September | | |
| 1 | 99 | 89 | 94 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 100 | 91 | 96 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 103 | 88 | 95 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 95 | 86 | 90 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 98 | 85 | 92 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 95 | 82 | 88 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 82 | 67 | 71 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 71 | 67 | 68 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 72 | 68 | 69 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 71 | 66 | 68 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 73 | 70 | 71 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 85 | 73 | 80 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 92 | 84 | 88 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 102 | 92 | 97 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued



02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | October | | | November | | | December | | | 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 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

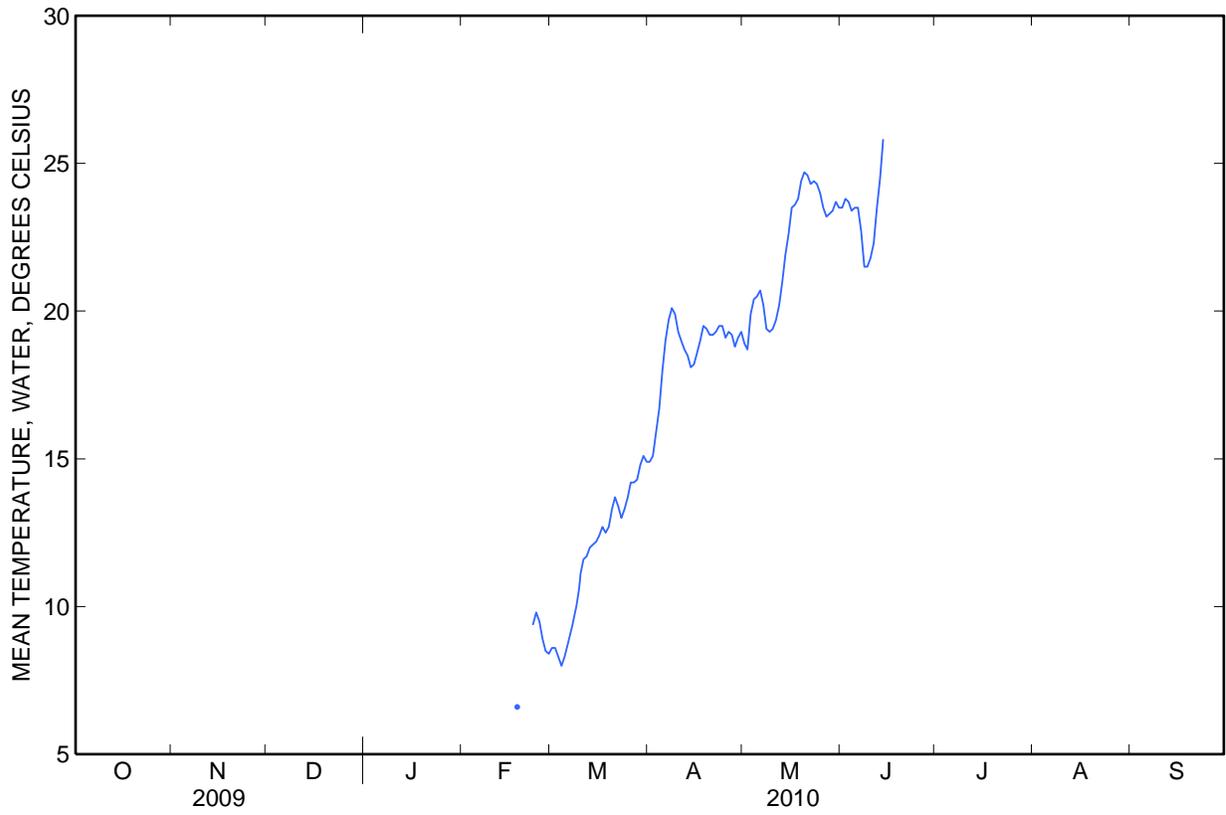
| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|--------------|----------|-----|------|-------|------|------|-------|------|------|------|------|------|
| | February | | | March | | | April | | | May | | |
| 1 | --- | --- | --- | 8.9 | 8.2 | 8.6 | 15.2 | 14.5 | 14.9 | 19.2 | 18.6 | 18.9 |
| 2 | --- | --- | --- | 8.8 | 8.5 | 8.6 | 15.6 | 14.7 | 15.1 | 19.5 | 17.9 | 18.7 |
| 3 | --- | --- | --- | 8.5 | 8.2 | 8.3 | 16.2 | 15.5 | 15.9 | 20.4 | 19.4 | 19.9 |
| 4 | --- | --- | --- | 8.3 | 7.7 | 8.0 | 17.4 | 16.1 | 16.7 | 20.6 | 20.3 | 20.4 |
| 5 | --- | --- | --- | 8.7 | 8.0 | 8.3 | 18.6 | 17.4 | 18.0 | 20.9 | 20.2 | 20.5 |
| 6 | --- | --- | --- | 9.1 | 8.4 | 8.7 | 19.5 | 18.5 | 19.0 | 20.9 | 20.3 | 20.7 |
| 7 | --- | --- | --- | 9.4 | 9.0 | 9.2 | 20.2 | 19.2 | 19.7 | 20.4 | 20.0 | 20.2 |
| 8 | --- | --- | --- | 9.9 | 9.3 | 9.6 | 20.4 | 19.8 | 20.1 | 20.0 | 18.9 | 19.4 |
| 9 | --- | --- | --- | 10.7 | 9.8 | 10.2 | 20.2 | 19.6 | 19.9 | 19.7 | 18.8 | 19.3 |
| 10 | --- | --- | --- | 11.5 | 10.7 | 11.1 | 19.6 | 19.0 | 19.3 | 19.7 | 19.0 | 19.4 |
| 11 | --- | --- | --- | 11.7 | 11.4 | 11.6 | 19.4 | 18.5 | 19.0 | 19.9 | 19.4 | 19.7 |
| 12 | --- | --- | --- | 11.9 | 11.6 | 11.7 | 19.1 | 18.3 | 18.7 | 20.8 | 19.6 | 20.2 |
| 13 | --- | --- | --- | 12.2 | 11.8 | 12.0 | 18.8 | 18.2 | 18.5 | 21.6 | 20.4 | 21.0 |
| 14 | --- | --- | --- | 12.2 | 11.9 | 12.1 | 18.3 | 17.7 | 18.1 | 22.6 | 21.2 | 21.9 |
| 15 | --- | --- | --- | 12.4 | 12.0 | 12.2 | 18.7 | 17.7 | 18.2 | 23.3 | 22.0 | 22.6 |
| 16 | --- | --- | --- | 12.7 | 12.0 | 12.4 | 19.0 | 18.0 | 18.6 | 23.9 | 23.0 | 23.5 |
| 17 | 6.7 | --- | --- | 12.7 | 12.6 | 12.7 | 19.5 | 18.5 | 19.0 | 23.8 | 23.3 | 23.6 |
| 18 | 6.9 | 6.2 | 6.6 | 12.7 | 12.3 | 12.5 | 20.0 | 19.1 | 19.5 | 24.4 | 23.2 | 23.8 |
| 19 | --- | 6.5 | --- | 13.0 | 12.3 | 12.7 | 19.6 | 19.1 | 19.4 | 25.0 | 23.9 | 24.4 |
| 20 | --- | --- | --- | 13.7 | 13.0 | 13.3 | 19.5 | 18.7 | 19.2 | 25.2 | 24.1 | 24.7 |
| 21 | --- | --- | --- | 13.7 | 13.6 | 13.7 | 19.6 | 18.6 | 19.2 | 24.9 | 24.2 | 24.6 |
| 22 | 9.0 | --- | --- | 13.7 | 13.1 | 13.4 | 19.8 | 18.7 | 19.3 | 24.6 | 24.0 | 24.3 |
| 23 | 9.9 | 8.9 | 9.4 | 13.3 | 12.7 | 13.0 | 20.0 | 18.9 | 19.5 | 24.8 | 23.8 | 24.4 |
| 24 | 10.0 | 9.6 | 9.8 | 13.6 | 13.0 | 13.3 | 20.0 | 19.3 | 19.5 | 24.7 | 24.0 | 24.3 |
| 25 | 9.9 | 9.3 | 9.5 | 13.9 | 13.4 | 13.7 | 19.3 | 18.9 | 19.1 | 24.3 | 23.6 | 24.0 |
| 26 | 9.3 | 8.6 | 8.9 | 14.5 | 13.8 | 14.2 | 19.8 | 18.7 | 19.3 | 24.1 | 23.2 | 23.5 |
| 27 | 8.9 | 8.3 | 8.5 | 14.4 | 14.1 | 14.2 | 19.5 | 18.9 | 19.2 | 23.8 | 22.6 | 23.2 |
| 28 | 8.7 | 8.0 | 8.4 | 14.5 | 14.0 | 14.3 | 19.2 | 18.3 | 18.8 | 23.5 | 22.9 | 23.3 |
| 29 | --- | --- | --- | 15.2 | 14.5 | 14.8 | 19.6 | 18.5 | 19.1 | 23.8 | 23.2 | 23.4 |
| 30 | --- | --- | --- | 15.4 | 14.9 | 15.1 | 19.6 | 18.9 | 19.3 | 24.1 | 23.3 | 23.7 |
| 31 | --- | --- | --- | 15.2 | 14.5 | 14.9 | --- | --- | --- | 23.8 | 23.1 | 23.5 |
| Month | --- | --- | --- | 15.4 | 7.7 | 11.9 | 20.4 | 14.5 | 18.6 | 25.2 | 17.9 | 22.1 |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|--------------|-------------|------|------|-------------|-----|------|---------------|-----|------|------------------|-----|------|
| | June | | | July | | | August | | | September | | |
| 1 | 24.0 | 23.0 | 23.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 24.2 | 23.5 | 23.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 23.9 | 23.4 | 23.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 23.6 | 23.1 | 23.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 24.0 | 22.9 | 23.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 24.0 | 23.1 | 23.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 23.5 | 21.7 | 22.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 21.9 | 21.0 | 21.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 22.0 | 21.0 | 21.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 22.3 | 21.2 | 21.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 22.9 | 21.7 | 22.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 24.2 | 22.8 | 23.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 25.1 | 24.0 | 24.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 26.8 | 24.9 | 25.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued



02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

CLIMATOLOGICAL RECORDS

COOPERATION.--U.S. Army Corp Of Engineers, Savannah District.

PERIOD OF RECORD.--April 2009 to June 2010 (discontinued).

INSTRUMENTATION.--Tipping-bucket rain gage

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY SUM VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------|------|------|-------|------|------|------|------|------|------|-----|-----|-----|
| 1 | 0.00 | 0.00 | 0.00 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | --- | --- | --- |
| 2 | 0.00 | 0.00 | 2.82 | 0.00 | 0.59 | 0.22 | 0.00 | 0.00 | 0.16 | --- | --- | --- |
| 3 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.24 | 0.18 | --- | --- | --- |
| 4 | 0.00 | 0.00 | 0.35 | 0.00 | 0.01 | 0.00 | 0.00 | 0.67 | 0.03 | --- | --- | --- |
| 5 | 1.28 | 0.00 | 0.43 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.02 | --- | --- | --- |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 8 | 0.00 | 0.00 | 0.21 | 0.01 | 0.00 | 0.00 | 1.11 | 0.00 | 0.00 | --- | --- | --- |
| 9 | 0.04 | 0.00 | 0.22 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 10 | 0.80 | 1.37 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 11 | 0.22 | 2.34 | 0.00 | 0.00 | 0.00 | 1.63 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 12 | 0.11 | 0.00 | 0.49 | 0.00 | 0.46 | 0.40 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 13 | 0.00 | 0.00 | 2.32 | 0.00 | 0.22 | 0.01 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 14 | 1.12 | 0.00 | 2.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- |
| 15 | 0.10 | 0.00 | 0.05 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | --- | --- | --- | --- |
| 16 | 0.71 | 0.00 | 0.00 | 1.50 | 0.00 | 0.00 | 0.00 | 0.53 | --- | --- | --- | --- |
| 17 | 0.10 | 0.00 | 0.00 | 0.54 | 0.01 | 0.03 | 0.00 | 0.88 | --- | --- | --- | --- |
| 18 | 0.00 | 0.00 | 1.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- | --- |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | --- | --- | --- | --- |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.04 | 0.00 | --- | --- | --- | --- |
| 21 | 0.00 | 0.00 | 0.00 | 1.65 | --- | 0.08 | 0.12 | 0.01 | --- | --- | --- | --- |
| 22 | 0.00 | 0.74 | 0.00 | 0.01 | --- | 0.01 | 0.00 | 0.25 | --- | --- | --- | --- |
| 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | --- | --- | --- | --- |
| 24 | 0.02 | 0.00 | 0.01 | 0.02 | 0.02 | 0.00 | 0.15 | 1.21 | --- | --- | --- | --- |
| 25 | 0.00 | 0.00 | 1.03 | 1.09 | 0.00 | 0.00 | 0.18 | 0.05 | --- | --- | --- | --- |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- | --- |
| 27 | 0.47 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | --- | --- |
| 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | --- | --- | --- | --- |
| 29 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.23 | 0.00 | 0.00 | --- | --- | --- | --- |
| 30 | 0.00 | 0.00 | 0.01 | 1.29 | --- | 0.00 | 0.00 | 0.01 | --- | --- | --- | --- |
| 31 | 0.00 | --- | 0.26 | 0.01 | --- | 0.00 | --- | 1.26 | --- | --- | --- | --- |
| Total | 4.97 | 4.45 | 12.21 | 6.16 | --- | 2.87 | 1.60 | 5.98 | --- | --- | --- | --- |

02198745 SAVANNAH RIVER NEAR RINCON, GA—Continued

