

Water-Data Report 2011

**310427084591101 Local number 06G006**

Floridan aquifer system  
Upper Floridan Aquifer

Early County, GA

LOCATION.--Lat 31°04'27", long 84°59'11" referenced to North American Datum of 1927, Early County, GA, Hydrologic Unit 03130004.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 4 in; top of first opening 58 ft, bottom of last opening 122.5 ft.

DATUM.--Land-surface datum is 152 ft above National Geodetic Vertical Datum of 1929. Measuring point: recorder shelf, 3 ft above land-surface datum, Mar. 2, 2006, to present.

PERIOD OF RECORD.--April 25, 1979 to current year.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

EXTREMES FOR CURRENT YEAR.--Highest water level, 55.15 ft below land surface datum, July 20; lowest water level, 62.05 ft below land surface datum, Feb. 2.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

| <b>Day</b>   | <b>Max</b>     | <b>Min</b> | <b>Mean</b> | <b>Max</b>      | <b>Min</b> | <b>Mean</b> | <b>Max</b>      | <b>Min</b> | <b>Mean</b> | <b>Max</b>     | <b>Min</b> | <b>Mean</b> |
|--------------|----------------|------------|-------------|-----------------|------------|-------------|-----------------|------------|-------------|----------------|------------|-------------|
|              | <b>October</b> |            |             | <b>November</b> |            |             | <b>December</b> |            |             | <b>January</b> |            |             |
| <b>1</b>     | 58.89          | 58.81      | 58.85       | 59.91           | 59.83      | 59.87       | 60.74           | 60.64      | 60.69       | 61.49          | 61.41      | 61.45       |
| <b>2</b>     | 58.89          | 58.81      | 58.86       | 59.92           | 59.84      | 59.89       | 60.73           | 60.66      | 60.70       | 61.53          | 61.46      | 61.51       |
| <b>3</b>     | 58.95          | 58.84      | 58.89       | 59.92           | 59.81      | 59.88       | 60.74           | 60.66      | 60.72       | 61.56          | 61.48      | 61.52       |
| <b>4</b>     | 58.95          | 58.88      | 58.92       | 60.00           | 59.81      | 59.90       | 60.75           | 60.68      | 60.72       | 61.56          | 61.51      | 61.54       |
| <b>5</b>     | 58.96          | 58.88      | 58.93       | 60.06           | 59.96      | 60.00       | 60.82           | 60.74      | 60.79       | 61.57          | 61.47      | 61.53       |
| <b>6</b>     | 58.97          | 58.88      | 58.93       | 60.09           | 60.00      | 60.05       | 60.83           | 60.74      | 60.80       | 61.58          | 61.51      | 61.55       |
| <b>7</b>     | 59.05          | 58.91      | 58.97       | 60.08           | 60.00      | 60.05       | 60.85           | 60.78      | 60.82       | 61.55          | 61.46      | 61.52       |
| <b>8</b>     | 59.23          | 59.05      | 59.14       | 60.08           | 60.00      | 60.05       | 60.88           | 60.83      | 60.85       | 61.62          | 61.53      | 61.58       |
| <b>9</b>     | 59.38          | 59.23      | 59.29       | 60.11           | 60.03      | 60.08       | 60.90           | 60.85      | 60.88       | 61.65          | 61.54      | 61.60       |
| <b>10</b>    | 59.54          | 59.38      | 59.44       | 60.15           | 60.07      | 60.12       | 60.92           | 60.85      | 60.89       | 61.65          | 61.55      | 61.61       |
| <b>11</b>    | 59.62          | 59.49      | 59.57       | 60.18           | 60.12      | 60.15       | 60.92           | 60.85      | 60.89       | 61.68          | 61.62      | 61.65       |
| <b>12</b>    | 59.64          | 59.56      | 59.61       | 60.20           | 60.13      | 60.17       | 60.98           | 60.81      | 60.92       | 61.71          | 61.63      | 61.68       |
| <b>13</b>    | 59.62          | 59.55      | 59.60       | 60.20           | 60.13      | 60.18       | 61.04           | 60.95      | 60.99       | 61.73          | 61.64      | 61.69       |
| <b>14</b>    | 59.61          | 59.52      | 59.58       | 60.23           | 60.15      | 60.20       | 61.03           | 60.97      | 61.01       | 61.73          | 61.66      | 61.70       |
| <b>15</b>    | 59.60          | 59.49      | 59.56       | 60.24           | 60.16      | 60.20       | 61.05           | 61.00      | 61.02       | 61.75          | 61.67      | 61.71       |
| <b>16</b>    | 59.59          | 59.50      | 59.56       | 60.33           | 60.15      | 60.23       | 61.07           | 61.00      | 61.04       | 61.75          | 61.68      | 61.72       |
| <b>17</b>    | 59.57          | 59.47      | 59.53       | 60.35           | 60.27      | 60.32       | 61.11           | 61.05      | 61.08       | 61.77          | 61.70      | 61.73       |
| <b>18</b>    | 59.55          | 59.47      | 59.52       | 60.36           | 60.24      | 60.32       | 61.13           | 61.06      | 61.09       | 61.81          | 61.73      | 61.76       |
| <b>19</b>    | 59.55          | 59.46      | 59.52       | 60.38           | 60.31      | 60.35       | 61.16           | 61.10      | 61.14       | 61.83          | 61.72      | 61.80       |
| <b>20</b>    | 59.56          | 59.47      | 59.52       | 60.40           | 60.34      | 60.37       | 61.20           | 61.13      | 61.17       | 61.83          | 61.73      | 61.79       |
| <b>21</b>    | 59.58          | 59.49      | 59.54       | 60.41           | 60.36      | 60.39       | 61.20           | 61.14      | 61.18       | 61.85          | 61.77      | 61.81       |
| <b>22</b>    | 59.61          | 59.52      | 59.57       | 60.43           | 60.37      | 60.41       | 61.25           | 61.16      | 61.20       | 61.88          | 61.82      | 61.85       |
| <b>23</b>    | 59.62          | 59.54      | 59.59       | 60.47           | 60.38      | 60.42       | 61.28           | 61.21      | 61.25       | 61.90          | 61.83      | 61.88       |
| <b>24</b>    | 59.61          | 59.54      | 59.58       | 60.48           | 60.41      | 60.45       | 61.28           | 61.22      | 61.26       | 61.90          | 61.85      | 61.88       |
| <b>25</b>    | 59.62          | 59.55      | 59.59       | 60.50           | 60.44      | 60.48       | 61.30           | 61.21      | 61.26       | 61.88          | 61.81      | 61.86       |
| <b>26</b>    | 59.68          | 59.59      | 59.63       | 60.58           | 60.46      | 60.51       | 61.36           | 61.29      | 61.33       | 61.96          | 61.86      | 61.93       |
| <b>27</b>    | 59.74          | 59.65      | 59.69       | 60.60           | 60.53      | 60.57       | 61.38           | 61.33      | 61.36       | 61.96          | 61.89      | 61.93       |
| <b>28</b>    | 59.79          | 59.71      | 59.75       | 60.62           | 60.56      | 60.59       | 61.39           | 61.33      | 61.37       | 61.98          | 61.90      | 61.95       |
| <b>29</b>    | 59.83          | 59.76      | 59.80       | 60.62           | 60.56      | 60.59       | 61.41           | 61.33      | 61.38       | 62.00          | 61.94      | 61.98       |
| <b>30</b>    | 59.85          | 59.77      | 59.82       | 60.69           | 60.54      | 60.61       | 61.44           | 61.38      | 61.41       | 62.02          | 61.96      | 61.99       |
| <b>31</b>    | 59.88          | 59.80      | 59.84       | ---             | ---        | ---         | 61.47           | 61.40      | 61.44       | 62.04          | 61.97      | 62.01       |
| <b>Month</b> | 59.88          | 58.81      | 59.43       | 60.69           | 59.81      | 60.25       | 61.47           | 60.64      | 61.05       | 62.04          | 61.41      | 61.73       |

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

| <b>Day</b>   | <b>Max</b>      | <b>Min</b> | <b>Mean</b> | <b>Max</b>   | <b>Min</b> | <b>Mean</b> | <b>Max</b>   | <b>Min</b> | <b>Mean</b> | <b>Max</b> | <b>Min</b> | <b>Mean</b> |
|--------------|-----------------|------------|-------------|--------------|------------|-------------|--------------|------------|-------------|------------|------------|-------------|
|              | <b>February</b> |            |             | <b>March</b> |            |             | <b>April</b> |            |             | <b>May</b> |            |             |
| <b>1</b>     | 62.04           | 61.95      | 62.00       | 58.76        | 58.65      | 58.70       | 58.16        | 58.04      | 58.10       | 58.86      | 58.79      | 58.83       |
| <b>2</b>     | 62.05           | 61.74      | 61.93       | 58.78        | 58.67      | 58.73       | 58.15        | 57.99      | 58.08       | 58.90      | 58.80      | 58.85       |
| <b>3</b>     | 61.74           | 61.36      | 61.53       | 58.84        | 58.71      | 58.77       | 58.10        | 57.93      | 58.02       | 58.96      | 58.80      | 58.87       |
| <b>4</b>     | 61.36           | 60.86      | 61.14       | 58.86        | 58.76      | 58.81       | 57.97        | 57.79      | 57.89       | 58.98      | 58.87      | 58.93       |
| <b>5</b>     | 60.86           | 60.09      | 60.49       | 58.88        | 58.71      | 58.79       | 58.05        | 57.79      | 57.97       | 58.97      | 58.85      | 58.92       |
| <b>6</b>     | 60.09           | 59.45      | 59.74       | 58.93        | 58.69      | 58.86       | 58.06        | 57.88      | 57.97       | 58.98      | 58.89      | 58.93       |
| <b>7</b>     | 59.45           | 59.00      | 59.19       | 58.95        | 58.87      | 58.92       | 57.98        | 57.82      | 57.91       | 59.03      | 58.93      | 58.97       |
| <b>8</b>     | 59.13           | 58.52      | 58.82       | 59.00        | 58.89      | 58.94       | 57.97        | 57.84      | 57.91       | 59.08      | 58.95      | 59.01       |
| <b>9</b>     | 58.52           | 58.02      | 58.26       | 58.98        | 58.83      | 58.93       | ---          | ---        | ---         | 59.27      | 59.07      | 59.17       |
| <b>10</b>    | 58.08           | 57.95      | 58.00       | 58.92        | 58.74      | 58.83       | ---          | ---        | ---         | 59.38      | 59.25      | 59.31       |
| <b>11</b>    | 57.96           | 57.84      | 57.92       | 58.74        | 58.43      | 58.56       | ---          | ---        | ---         | 59.47      | 59.32      | 59.38       |
| <b>12</b>    | 57.98           | 57.83      | 57.92       | 58.45        | 58.23      | 58.35       | ---          | ---        | ---         | 59.46      | 59.33      | 59.39       |
| <b>13</b>    | 57.94           | 57.81      | 57.88       | ---          | ---        | ---         | ---          | ---        | ---         | 59.44      | 59.33      | 59.40       |
| <b>14</b>    | 57.93           | 57.78      | 57.87       | ---          | ---        | ---         | ---          | ---        | ---         | 59.49      | 59.36      | 59.41       |
| <b>15</b>    | 58.00           | 57.89      | 57.94       | ---          | ---        | ---         | ---          | ---        | ---         | 59.51      | 59.43      | 59.47       |
| <b>16</b>    | 58.04           | 57.92      | 57.99       | ---          | ---        | ---         | ---          | ---        | ---         | 59.52      | 59.44      | 59.48       |
| <b>17</b>    | 58.09           | 57.81      | 58.02       | ---          | ---        | ---         | ---          | ---        | ---         | 59.64      | 59.48      | 59.53       |
| <b>18</b>    | 58.16           | 57.86      | 58.07       | ---          | ---        | ---         | ---          | ---        | ---         | 59.81      | 59.63      | 59.71       |
| <b>19</b>    | 58.17           | 58.06      | 58.12       | ---          | ---        | ---         | ---          | ---        | ---         | 59.95      | 59.81      | 59.87       |
| <b>20</b>    | 58.22           | 58.12      | 58.17       | ---          | ---        | ---         | ---          | ---        | ---         | 59.97      | 59.89      | 59.93       |
| <b>21</b>    | 58.25           | 58.15      | 58.20       | ---          | ---        | ---         | ---          | ---        | ---         | 60.10      | 59.95      | 60.01       |
| <b>22</b>    | 58.37           | 58.24      | 58.30       | ---          | ---        | ---         | ---          | ---        | ---         | 60.27      | 60.10      | 60.17       |
| <b>23</b>    | 58.45           | 58.35      | 58.39       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>24</b>    | 58.45           | 58.34      | 58.40       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>25</b>    | 58.54           | 58.36      | 58.45       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>26</b>    | 58.60           | 58.46      | 58.53       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>27</b>    | 58.61           | 58.51      | 58.57       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>28</b>    | 58.66           | 58.53      | 58.58       | ---          | ---        | ---         | 58.83        | 58.62      | 58.74       | ---        | ---        | ---         |
| <b>29</b>    | ---             | ---        | ---         | ---          | ---        | ---         | 58.83        | 58.72      | 58.78       | ---        | ---        | ---         |
| <b>30</b>    | ---             | ---        | ---         | ---          | ---        | ---         | 58.85        | 58.75      | 58.81       | ---        | ---        | ---         |
| <b>31</b>    | ---             | ---        | ---         | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |
| <b>Month</b> | 62.05           | 57.78      | 58.87       | ---          | ---        | ---         | ---          | ---        | ---         | ---        | ---        | ---         |

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

| Day   | Max   | Min   | Mean  | Max   | Min   | Mean  | Max    | Min | Mean | Max       | Min | Mean |
|-------|-------|-------|-------|-------|-------|-------|--------|-----|------|-----------|-----|------|
|       | June  |       |       | July  |       |       | August |     |      | September |     |      |
| 1     | ---   | ---   | ---   | 60.17 | 59.78 | 59.95 | ---    | --- | ---  | ---       | --- | ---  |
| 2     | ---   | ---   | ---   | 59.78 | 59.43 | 59.57 | ---    | --- | ---  | ---       | --- | ---  |
| 3     | ---   | ---   | ---   | 59.43 | 59.22 | 59.33 | ---    | --- | ---  | ---       | --- | ---  |
| 4     | ---   | ---   | ---   | 59.28 | 59.11 | 59.21 | ---    | --- | ---  | ---       | --- | ---  |
| 5     | ---   | ---   | ---   | 59.21 | 59.10 | 59.17 | ---    | --- | ---  | ---       | --- | ---  |
| 6     | ---   | ---   | ---   | 59.23 | 59.12 | 59.19 | ---    | --- | ---  | ---       | --- | ---  |
| 7     | ---   | ---   | ---   | 59.28 | 59.19 | 59.23 | ---    | --- | ---  | ---       | --- | ---  |
| 8     | ---   | ---   | ---   | 59.42 | 59.25 | 59.33 | ---    | --- | ---  | ---       | --- | ---  |
| 9     | ---   | ---   | ---   | 59.56 | 59.40 | 59.48 | ---    | --- | ---  | ---       | --- | ---  |
| 10    | ---   | ---   | ---   | 59.69 | 59.54 | 59.61 | ---    | --- | ---  | ---       | --- | ---  |
| 11    | ---   | ---   | ---   | 59.80 | 59.65 | 59.72 | ---    | --- | ---  | ---       | --- | ---  |
| 12    | ---   | ---   | ---   | 60.01 | 59.77 | 59.87 | ---    | --- | ---  | ---       | --- | ---  |
| 13    | ---   | ---   | ---   | 60.30 | 59.99 | 60.15 | ---    | --- | ---  | ---       | --- | ---  |
| 14    | ---   | ---   | ---   | 60.64 | 60.29 | 60.47 | ---    | --- | ---  | ---       | --- | ---  |
| 15    | ---   | ---   | ---   | 60.69 | 60.61 | 60.65 | ---    | --- | ---  | ---       | --- | ---  |
| 16    | ---   | ---   | ---   | 60.64 | 59.43 | 60.22 | ---    | --- | ---  | ---       | --- | ---  |
| 17    | ---   | ---   | ---   | 59.43 | 57.23 | 58.29 | ---    | --- | ---  | ---       | --- | ---  |
| 18    | ---   | ---   | ---   | 57.23 | 55.69 | 56.36 | ---    | --- | ---  | ---       | --- | ---  |
| 19    | ---   | ---   | ---   | 55.69 | 55.20 | 55.39 | ---    | --- | ---  | ---       | --- | ---  |
| 20    | ---   | ---   | ---   | 55.26 | 55.15 | 55.20 | ---    | --- | ---  | ---       | --- | ---  |
| 21    | ---   | ---   | ---   | 55.50 | 55.25 | 55.35 | ---    | --- | ---  | ---       | --- | ---  |
| 22    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 23    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 24    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 25    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 26    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 27    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 28    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 29    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 30    | 60.43 | 60.17 | 60.29 | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| 31    | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |
| Month | ---   | ---   | ---   | ---   | ---   | ---   | ---    | --- | ---  | ---       | --- | ---  |

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