The Center for Advanced Spatial Technologies at the University of Arkansas has developed the Arkansas Automated Reporting and Mapping System with funding from the Arkansas 85th General Assembly through the Arkansas Natural Resource Commission.

The 308 ten-digit watershed units and the 1556 twelve-digit watershed units were delineated by the Natural Resources Conservation Service, a division of the US Department of Agriculture.

For all watersheds that cross the Arkansas border, only the Arkansas portion of the watershed was used for mapping and statistical reporting.

Watershed Summary (10 Digit HUC)

Big Creek-St. Francis
(0802020306)

Area Summary
Area - Square Miles: 203.37
Area - Acres: 131684.79

Elevation Summary
<table>
<thead>
<tr>
<th></th>
<th>Meters</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation Maximum</td>
<td>78.00</td>
<td>256.00</td>
</tr>
<tr>
<td>Elevation Minimum</td>
<td>58.00</td>
<td>190.00</td>
</tr>
<tr>
<td>Elevation Average</td>
<td>68.00</td>
<td>223.00</td>
</tr>
</tbody>
</table>

Land Use / Land Cover for 1999

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>3.99</td>
<td>1.96%</td>
</tr>
<tr>
<td>Bare</td>
<td>.01</td>
<td>.00%</td>
</tr>
<tr>
<td>Water</td>
<td>3.43</td>
<td>1.68%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>2.81</td>
<td>1.38%</td>
</tr>
<tr>
<td>Forest</td>
<td>14.02</td>
<td>6.88%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>172.81</td>
<td>84.78%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>6.77</td>
<td>3.32%</td>
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Land Use / Land Cover for 2004

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>8.13</td>
<td>3.99%</td>
</tr>
<tr>
<td>Bare</td>
<td>.84</td>
<td>.41%</td>
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<tr>
<td>Water</td>
<td>3.23</td>
<td>1.58%</td>
</tr>
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<td>Herbaceous</td>
<td>2.66</td>
<td>1.31%</td>
</tr>
<tr>
<td>Forest</td>
<td>18.10</td>
<td>8.88%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>164.16</td>
<td>80.54%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>6.71</td>
<td>3.29%</td>
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</table>

Land Use / Land Cover for 2006

<table>
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<tr>
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<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
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<tr>
<td>Urban</td>
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<td>.03%</td>
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<tr>
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<td>3.78</td>
<td>1.83%</td>
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<td>Herbaceous</td>
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<td>2.02%</td>
</tr>
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<td>Forest</td>
<td>17.93</td>
<td>8.68%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>165.97</td>
<td>80.31%</td>
</tr>
</tbody>
</table>
Land Use / Land Cover Change from 1999 to 2004

<table>
<thead>
<tr>
<th>Area in Acres</th>
<th>Urban</th>
<th>Bare</th>
<th>Water</th>
<th>Herbaceous</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>-.--</td>
<td>-.--</td>
<td>-.--</td>
<td>-.--</td>
<td>-.--</td>
<td>-.--</td>
<td>-.--</td>
</tr>
<tr>
<td>Bare</td>
<td>.20</td>
<td>-.--</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>Water</td>
<td>31.11</td>
<td>2.41</td>
<td>-.--</td>
<td>4.62</td>
<td>201.11</td>
<td>809.67</td>
<td>1.61</td>
</tr>
<tr>
<td>FROM</td>
<td>Herb</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forest</td>
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<td>1451.14</td>
<td>21.88</td>
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<td>Agri-Crops</td>
<td>2205.21</td>
<td>49.37</td>
<td>194.29</td>
<td>239.05</td>
<td>2148.81</td>
<td>-.--</td>
<td>45.96</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td>3.41</td>
<td>0.00</td>
<td>1.00</td>
<td>2.61</td>
<td>3.81</td>
<td>96.34</td>
<td>-.--</td>
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</table>
## Sub-Watershed Summary (12 Digit HUC)

### Ditch No. 4
(080202030601)

#### Area Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Area - Square Miles</td>
<td>22.94</td>
</tr>
<tr>
<td>Area - Acres</td>
<td>14854.25</td>
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</table>

#### Elevation Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Meters</th>
<th>Feet</th>
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</thead>
<tbody>
<tr>
<td>Elevation Maximum</td>
<td>75.00</td>
<td>246.00</td>
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<tr>
<td>Elevation Minimum</td>
<td>65.00</td>
<td>213.00</td>
</tr>
<tr>
<td>Elevation Average</td>
<td>69.00</td>
<td>226.00</td>
</tr>
</tbody>
</table>

#### Land Use / Land Cover for 1999

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.48</td>
<td>2.08%</td>
</tr>
<tr>
<td>Bare</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Water</td>
<td>.10</td>
<td>.43%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Forest</td>
<td>1.30</td>
<td>5.63%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>20.47</td>
<td>88.65%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.74</td>
<td>3.20%</td>
</tr>
</tbody>
</table>

#### Land Use / Land Cover for 2004

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.74</td>
<td>3.20%</td>
</tr>
<tr>
<td>Bare</td>
<td>.11</td>
<td>.48%</td>
</tr>
<tr>
<td>Water</td>
<td>.48</td>
<td>2.08%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Forest</td>
<td>2.11</td>
<td>9.13%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>18.91</td>
<td>81.86%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.75</td>
<td>3.25%</td>
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</tbody>
</table>

#### Land Use / Land Cover for 2006

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.74</td>
<td>3.20%</td>
</tr>
<tr>
<td>Bare</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Water</td>
<td>.30</td>
<td>1.30%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.80</td>
<td>3.46%</td>
</tr>
<tr>
<td>Forest</td>
<td>2.38</td>
<td>10.31%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>18.57</td>
<td>80.42%</td>
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<tr>
<td>Agri - pasture</td>
<td>.30</td>
<td>1.30%</td>
</tr>
</tbody>
</table>

#### Land Use / Land Cover Change from 1999 to 2004

<table>
<thead>
<tr>
<th>Change TO</th>
<th>Area in Acres</th>
<th>Urban</th>
<th>Bare</th>
<th>Water</th>
<th>Herbaceous</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herb</td>
<td>.40</td>
<td>0.0</td>
<td>0.00</td>
<td>0.00</td>
<td>1.20</td>
<td>0.00</td>
<td>19.67</td>
<td>23.68</td>
</tr>
<tr>
<td>Forest</td>
<td>34.12</td>
<td>2.61</td>
<td>11.04</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>213.56</td>
<td>.40</td>
</tr>
<tr>
<td>Agri-Crops</td>
<td>138.49</td>
<td>7.02</td>
<td>88.11</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>429.52</td>
<td>-.--</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td>.20</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>-.--</td>
</tr>
</tbody>
</table>
Cross Bayou
(080202030602)

Area Summary
Area - Square Miles: 20.17
Area - Acres: 13059.75

Elevation Summary
Elevation Maximum: 76.00 (249.00)
Elevation Minimum: 64.00 (210.00)
Elevation Average: 68.00 (223.00)

Land Use / Land Cover for 1999

<table>
<thead>
<tr>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.33</td>
</tr>
<tr>
<td>Bare</td>
<td>0.00</td>
</tr>
<tr>
<td>Water</td>
<td>.10</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.01</td>
</tr>
<tr>
<td>Forest</td>
<td>.72</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>18.57</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.71</td>
</tr>
</tbody>
</table>

Land Use / Land Cover for 2004

<table>
<thead>
<tr>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.50</td>
</tr>
<tr>
<td>Bare</td>
<td>.12</td>
</tr>
<tr>
<td>Water</td>
<td>.19</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.00</td>
</tr>
<tr>
<td>Forest</td>
<td>1.15</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>17.77</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.71</td>
</tr>
</tbody>
</table>

Land Use / Land Cover for 2006

<table>
<thead>
<tr>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.47</td>
</tr>
<tr>
<td>Bare</td>
<td>.01</td>
</tr>
<tr>
<td>Water</td>
<td>.27</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.35</td>
</tr>
<tr>
<td>Forest</td>
<td>1.33</td>
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<tr>
<td>Agri - Crops</td>
<td>17.73</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.28</td>
</tr>
</tbody>
</table>

Land Use / Land Cover Change from 1999 to 2004

<table>
<thead>
<tr>
<th>Area in Acres</th>
<th>Urban</th>
<th>Bare</th>
<th>Water</th>
<th>Herbaceous</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Bare</td>
<td>0.40</td>
<td>1.40</td>
<td>0.00</td>
<td>0.00</td>
<td>21.68</td>
<td>27.10</td>
<td>4.01</td>
</tr>
<tr>
<td>Water</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<td>~.---</td>
<td>192.28</td>
<td>~.---</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>0.80</td>
<td>1.61</td>
<td>.40</td>
<td>0.00</td>
<td>1.00</td>
<td>4.01</td>
<td>~.---</td>
</tr>
<tr>
<td>Forest</td>
<td>.40</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>244.06</td>
<td>~.---</td>
<td>~.---</td>
</tr>
<tr>
<td>Agri-Crops</td>
<td>71.85</td>
<td>5.22</td>
<td>5.42</td>
<td>0.00</td>
<td>~.---</td>
<td>3.21</td>
<td>~.---</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td>.40</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>~.---</td>
<td>~.---</td>
</tr>
</tbody>
</table>
**Big Creek-St. Francis**  
(080202030606)

**Area Summary**
Area - Square Miles: 29.20  
Area - Acres: 18909.91

**Elevation Summary**

<table>
<thead>
<tr>
<th></th>
<th>Meters</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation Maximum</td>
<td>69.00</td>
<td>226.00</td>
</tr>
<tr>
<td>Elevation Minimum</td>
<td>58.00</td>
<td>190.00</td>
</tr>
<tr>
<td>Elevation Average</td>
<td>66.00</td>
<td>216.00</td>
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</tbody>
</table>

**Land Use / Land Cover for 1999**

<table>
<thead>
<tr>
<th>Land Use/Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.31</td>
<td>1.07%</td>
</tr>
<tr>
<td>Bare</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Water</td>
<td>.34</td>
<td>1.17%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>1.01</td>
<td>3.48%</td>
</tr>
<tr>
<td>Forest</td>
<td>1.88</td>
<td>6.47%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>25.00</td>
<td>86.03%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.52</td>
<td>1.79%</td>
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</table>

**Land Use / Land Cover for 2004**

<table>
<thead>
<tr>
<th>Land Use/Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.80</td>
<td>2.75%</td>
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<tr>
<td>Bare</td>
<td>.05</td>
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<tr>
<td>Water</td>
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</tr>
<tr>
<td>Herbaceous</td>
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<td>3.51%</td>
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<td>Forest</td>
<td>2.94</td>
<td>10.12%</td>
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<tr>
<td>Agri - Crops</td>
<td>23.62</td>
<td>81.31%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.53</td>
<td>1.82%</td>
</tr>
</tbody>
</table>

**Land Use / Land Cover Change from 1999 to 2004**

<table>
<thead>
<tr>
<th>Change TO</th>
<th>Area in Acres</th>
<th>Urban</th>
<th>Bare</th>
<th>Water</th>
<th>Herbaceous</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM</td>
<td></td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Bare</td>
<td></td>
<td>.60</td>
<td>0.00</td>
<td>-.-</td>
<td>4.21</td>
<td>18.06</td>
<td>174.42</td>
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</tr>
<tr>
<td>Water</td>
<td></td>
<td>8.23</td>
<td>0.00</td>
<td>0.00</td>
<td>-.-</td>
<td>49.98</td>
<td>271.76</td>
<td>2.61</td>
</tr>
<tr>
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<td></td>
<td>14.45</td>
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<td>1.00</td>
<td>6.22</td>
<td>-.-</td>
<td>206.73</td>
<td>2.01</td>
</tr>
<tr>
<td>Forest</td>
<td></td>
<td>279.19</td>
<td>2.81</td>
<td>13.45</td>
<td>50.38</td>
<td>505.19</td>
<td>-.-</td>
<td>3.41</td>
</tr>
<tr>
<td>Agri-Crops</td>
<td></td>
<td>.20</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>-.-</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td></td>
<td>.20</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>-.-</td>
</tr>
</tbody>
</table>
Bell Hammer Slough
(080202030604)

Area Summary
Area - Square Miles...........................: 22.68
Area - Acres..................................: 14684.13

Elevation Summary
          Meters  Feet
Elevation Maximum.............................: 76.00  249.00
Elevation Minimum.............................: 62.00  203.00
Elevation Average.............................: 67.00  220.00

Land Use / Land Cover for 1999
          Sq. Miles  % of Total
Urban.........................: .12  .53%
Bare.................................: .00  -.---%
Water..................: .99  4.40%
Herbaceous....................: 1.21  5.38%
Forest....................: 4.82  21.41%
Agri - Crops............: 14.41  64.02%
Agri - pasture....................: .96  4.26%

Land Use / Land Cover for 2004
          Sq. Miles  % of Total
Urban.........................: .33  1.47%
Bare.................................: .06  0.27%
Water..................: 1.03  4.58%
Herbaceous....................: 1.08  4.80%
Forest....................: 5.14  22.83%
Agri - Crops............: 13.92  61.84%
Agri - pasture....................: .95  4.22%

Land Use / Land Cover for 2006
          Sq. Miles  % of Total
Urban.........................: .33  1.47%
Bare.................................: .01  0.04%
Water..................: 1.22  5.42%
Herbaceous....................: .43  1.91%
Forest....................: 4.93  21.90%
Agri - Crops............: 14.38  63.88%
Agri - pasture....................: 1.21  5.38%

Land Use / Land Cover Change from 1999 to 2004

<table>
<thead>
<tr>
<th>Area in Acres</th>
<th>Change TO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Urban</td>
</tr>
<tr>
<td>Urban</td>
<td>-.-</td>
</tr>
<tr>
<td>Bare</td>
<td>0.0</td>
</tr>
<tr>
<td>Water</td>
<td>0.0</td>
</tr>
<tr>
<td>Herb</td>
<td>.60</td>
</tr>
<tr>
<td>Forest</td>
<td>55.60</td>
</tr>
<tr>
<td>Agri-Crops</td>
<td>88.51</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td>0.0</td>
</tr>
</tbody>
</table>
Dead Timber Lake-Big Creek  
(080202030605)

**Area Summary**

Area - Square Miles.................................................................: 54.79
Area - Acres..............................................................: 35477.68

**Elevation Summary**

<table>
<thead>
<tr>
<th></th>
<th>Meters</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation Maximum</td>
<td>71.00</td>
<td>233.00</td>
</tr>
<tr>
<td>Elevation Minimum</td>
<td>63.00</td>
<td>207.00</td>
</tr>
<tr>
<td>Elevation Average</td>
<td>67.00</td>
<td>220.00</td>
</tr>
</tbody>
</table>

**Land Use / Land Cover for 1999**

<table>
<thead>
<tr>
<th></th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>2.00</td>
<td>3.65%</td>
</tr>
<tr>
<td>Bare</td>
<td>.01</td>
<td>.02%</td>
</tr>
<tr>
<td>Water</td>
<td>1.06</td>
<td>1.93%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.56</td>
<td>1.02%</td>
</tr>
<tr>
<td>Forest</td>
<td>2.17</td>
<td>3.96%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>47.99</td>
<td>87.53%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>1.04</td>
<td>1.90%</td>
</tr>
</tbody>
</table>

**Land Use / Land Cover for 2004**

<table>
<thead>
<tr>
<th></th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>4.44</td>
<td>8.10%</td>
</tr>
<tr>
<td>Bare</td>
<td>.39</td>
<td>.71%</td>
</tr>
<tr>
<td>Water</td>
<td>.40</td>
<td>.73%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.56</td>
<td>1.02%</td>
</tr>
<tr>
<td>Forest</td>
<td>3.17</td>
<td>5.78%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>44.81</td>
<td>81.74%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>1.05</td>
<td>1.92%</td>
</tr>
</tbody>
</table>

**Land Use / Land Cover for 2006**

<table>
<thead>
<tr>
<th></th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>4.42</td>
<td>8.06%</td>
</tr>
<tr>
<td>Bare</td>
<td>.03</td>
<td>.05%</td>
</tr>
<tr>
<td>Water</td>
<td>.54</td>
<td>.99%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.98</td>
<td>1.79%</td>
</tr>
<tr>
<td>Forest</td>
<td>3.16</td>
<td>5.76%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>44.98</td>
<td>82.05%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>.71</td>
<td>1.30%</td>
</tr>
</tbody>
</table>

**Land Use / Land Cover Change from 1999 to 2004**

<table>
<thead>
<tr>
<th></th>
<th>Change TO</th>
<th>Urban</th>
<th>Bare</th>
<th>Herbaceous</th>
<th>From</th>
<th>Water</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.20</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>Bare</td>
<td>.80</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>Water</td>
<td>27.90</td>
<td>.80</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>From Herb</td>
<td>12.04</td>
<td>0.00</td>
<td>2.21</td>
<td>--.==</td>
<td>--.==</td>
<td>43.55</td>
<td>162.98</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>Forest</td>
<td>15.97</td>
<td>7.63</td>
<td>4.62</td>
<td>4.42</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>From Agri-Crops</td>
<td>134.96</td>
<td>28.70</td>
<td>32.31</td>
<td>52.79</td>
<td>531.68</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
<td>--.==</td>
</tr>
<tr>
<td>From Agri-Pasture</td>
<td>1.20</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>1.00</td>
<td>--.==</td>
<td>--.==</td>
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</tr>
</tbody>
</table>
**Frenchman’s Bayou**  
(080202030603)

### Area Summary

<table>
<thead>
<tr>
<th>Area - Square Miles</th>
<th>53.59</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area - Acres</td>
<td>34699.07</td>
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### Elevation Summary

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Meters</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>78.00</td>
<td>256.00</td>
</tr>
<tr>
<td>Minimum</td>
<td>63.00</td>
<td>207.00</td>
</tr>
<tr>
<td>Average</td>
<td>69.00</td>
<td>226.00</td>
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</table>

### Land Use / Land Cover for 1999

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>.75</td>
<td>1.39%</td>
</tr>
<tr>
<td>Bare</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Water</td>
<td>.84</td>
<td>1.56%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.02</td>
<td>.04%</td>
</tr>
<tr>
<td>Forest</td>
<td>3.13</td>
<td>5.81%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>46.37</td>
<td>86.01%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>2.80</td>
<td>5.19%</td>
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</tbody>
</table>

### Land Use / Land Cover for 2004

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>1.32</td>
<td>2.45%</td>
</tr>
<tr>
<td>Bare</td>
<td>.11</td>
<td>.20%</td>
</tr>
<tr>
<td>Water</td>
<td>1.04</td>
<td>1.93%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.00</td>
<td>-.--%</td>
</tr>
<tr>
<td>Forest</td>
<td>3.59</td>
<td>6.66%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>45.13</td>
<td>83.71%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>2.72</td>
<td>5.05%</td>
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</table>

### Land Use / Land Cover for 2006

<table>
<thead>
<tr>
<th>Land Use / Land Cover</th>
<th>Sq. Miles</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>1.29</td>
<td>2.39%</td>
</tr>
<tr>
<td>Bare</td>
<td>.01</td>
<td>.02%</td>
</tr>
<tr>
<td>Water</td>
<td>1.25</td>
<td>2.32%</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>.81</td>
<td>1.50%</td>
</tr>
<tr>
<td>Forest</td>
<td>3.47</td>
<td>6.43%</td>
</tr>
<tr>
<td>Agri - Crops</td>
<td>46.05</td>
<td>85.39%</td>
</tr>
<tr>
<td>Agri - pasture</td>
<td>1.05</td>
<td>1.95%</td>
</tr>
</tbody>
</table>

### Land Use / Land Cover Change from 1999 to 2004

<table>
<thead>
<tr>
<th>Area in Acres</th>
<th>Urban</th>
<th>Bare</th>
<th>Herbaceous</th>
<th>Water</th>
<th>Forest</th>
<th>Agri-Crop</th>
<th>Agri-Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
<td>-.-</td>
</tr>
<tr>
<td>Bare</td>
<td>0.0</td>
<td>-.-</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Water</td>
<td>1.81</td>
<td>.20</td>
<td>-.-</td>
<td>0.00</td>
<td>53.79</td>
<td>49.78</td>
<td>.60</td>
</tr>
<tr>
<td>Herbaceous</td>
<td>0.0</td>
<td>0.00</td>
<td>6.42</td>
<td>-.-</td>
<td>2.21</td>
<td>4.62</td>
<td>0.00</td>
</tr>
<tr>
<td>Agri-Crops</td>
<td>283.20</td>
<td>3.41</td>
<td>42.75</td>
<td>0.00</td>
<td>328.76</td>
<td>463.84</td>
<td>11.24</td>
</tr>
<tr>
<td>Agri-Pasture</td>
<td>1.40</td>
<td>0.00</td>
<td>1.00</td>
<td>0.00</td>
<td>1.20</td>
<td>60.41</td>
<td>-.-</td>
</tr>
</tbody>
</table>