

# Watershed Report

## Flat Fork Creek-Big Creek

### 0802030401

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)

### *Flat Fork Creek-Big Creek (0802030401)*

#### **Area Summary**

Area - Square Miles.....:	284.92
Area - Acres.....:	184487.15

#### **Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	70.00	230.00
Elevation Minimum.....:	51.00	167.00
Elevation Average.....:	60.00	197.00

#### **Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	5.67
Lakes/Ponds.....:	1.03
Reservoirs.....:	1.02

#### **Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	499.40
Canals/Ditch.....:	1.33
Pipelines.....:	-.--

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# Sub-Watershed Summary (12 Digit HUC)

## **East Flat Fork Creek-Flat Fork Creek (080203040101)**

### **Area Summary**

Area - Square Miles.....:	39.55
Area - Acres.....:	25609.16

### **Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximum.....:	68.00	223.00
Elevation Minimum.....:	57.00	187.00
Elevation Average.....:	63.00	207.00

### **Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	2.04
Lakes/Ponds.....:	.32
Reservoirs.....:	-.--

### **Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	72.11
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Hog Tusk Creek-Big Creek  
(080203040103)**

**Area Summary**

Area - Square Miles.....:	40.15
Area - Acres.....:	26000.17

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	67.00	220.00
Elevation Minimum.....:	58.00	190.00
Elevation Average.....:	64.00	210.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.26
Reservoirs.....:	.33

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	75.78
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Town of Salem-Big Creek  
(080203040104)**

**Area Summary**

Area - Square Miles.....:	<b>47.56</b>
Area - Acres.....:	<b>30796.32</b>

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	<b>65.00</b>	<b>213.00</b>
Elevation Minimum.....:	<b>54.00</b>	<b>177.00</b>
Elevation Average.....:	<b>61.00</b>	<b>200.00</b>

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	<b>-.--</b>
Canals/Ditch.....:	<b>-.--</b>
Swamps/Marsh.....:	<b>-.--</b>
Lakes/Ponds.....:	<b>.15</b>
Reservoirs.....:	<b>-.--</b>

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	<b>104.04</b>
Canals/Ditch.....:	<b>1.33</b>
Pipelines.....:	<b>-.--</b>

**Town of Moro-Hog Tusk Creek  
(080203040105)**

**Area Summary**

Area - Square Miles.....:	36.73
Area - Acres.....:	23780.82

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	64.00	210.00
Elevation Minimum.....:	51.00	167.00
Elevation Average.....:	59.00	194.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.19
Lakes/Ponds.....:	-.--
Reservoirs.....:	.01

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	44.73
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Piney Creek-Big Creek  
(080203040108)**

**Area Summary**

Area - Square Miles.....:	<b>24.93</b>
Area - Acres.....:	<b>16142.92</b>

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	<b>62.00</b>	<b>203.00</b>
Elevation Minimum.....:	<b>51.00</b>	<b>167.00</b>
Elevation Average.....:	<b>55.00</b>	<b>180.00</b>

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	<b>-.--</b>
Canals/Ditch.....:	<b>-.--</b>
Swamps/Marsh.....:	<b>2.08</b>
Lakes/Ponds.....:	<b>.06</b>
Reservoirs.....:	<b>-.--</b>

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	<b>48.63</b>
Canals/Ditch.....:	<b>-.--</b>
Pipelines.....:	<b>-.--</b>

**Big Piney Creek-Piney Creek  
(080203040107)**

**Area Summary**

Area - Square Miles.....:	29.26
Area - Acres.....:	18948.19

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	61.00	200.00
Elevation Minimum.....:	51.00	167.00
Elevation Average.....:	56.00	184.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.93
Lakes/Ponds.....:	.03
Reservoirs.....:	.28

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	58.81
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Lake Greenlee-Big Piney Creek  
(080203040106)**

**Area Summary**

Area - Square Miles.....:	<b>34.88</b>
Area - Acres.....:	<b>22581.89</b>

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	<b>70.00</b>	<b>230.00</b>
Elevation Minimum.....:	<b>54.00</b>	<b>177.00</b>
Elevation Average.....:	<b>58.00</b>	<b>190.00</b>

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	<b>-.--</b>
Canals/Ditch.....:	<b>-.--</b>
Swamps/Marsh.....:	<b>-.--</b>
Lakes/Ponds.....:	<b>.14</b>
Reservoirs.....:	<b>.18</b>

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	<b>41.92</b>
Canals/Ditch.....:	<b>-.--</b>
Pipelines.....:	<b>-.--</b>



**Maple Slough-Flat Fork Creek  
(080203040102)**

**Area Summary**

Area - Square Miles.....:	31.86
Area - Acres.....:	20627.68

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	67.00	220.00
Elevation Minimum.....:	54.00	177.00
Elevation Average.....:	60.00	197.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.43
Lakes/Ponds.....:	.07
Reservoirs.....:	.22

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	53.38
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

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