

# Watershed Report

## Lower Lake Hamilton

### 0804010108

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)

### *Lower Lake Hamilton (0804010108)*

#### **Area Summary**

Area - Square Miles.....:	229.55
Area - Acres.....:	148631.44

#### **Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	425.00	1394.00
Elevation Minimum.....:	83.00	272.00
Elevation Average.....:	177.00	581.00

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

	<u>Sq. Miles</u>
Streams/Rivers.....:	.53
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	10.03
Reservoirs.....:	.15

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

	<u>Miles</u>
Streams/Rivers.....:	286.52
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

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# Sub-Watershed Summary (12 Digit HUC)

## **Lake Hamilton Dam (080401010806)**

### **Area Summary**

Area - Square Miles.....:	47.14
Area - Acres.....:	30525.82

### **Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximum.....:	283.00	928.00
Elevation Minimum.....:	83.00	272.00
Elevation Average.....:	151.00	495.00

### **Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	.53
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	1.63
Reservoirs.....:	-.--

### **Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	62.10
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Little Mazarn Creek-Lake Hamilton  
(080401010802)**

**Area Summary**

Area - Square Miles.....:	<b>35.74</b>
Area - Acres.....:	<b>23142.05</b>

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	<b>399.00</b>	<b>1309.00</b>
Elevation Minimum.....:	<b>119.00</b>	<b>390.00</b>
Elevation Average.....:	<b>181.00</b>	<b>594.00</b>

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	<b>-.--</b>
Canals/Ditch.....:	<b>-.--</b>
Swamps/Marsh.....:	<b>-.--</b>
Lakes/Ponds.....:	<b>1.01</b>
Reservoirs.....:	<b>-.--</b>

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	<b>46.23</b>
Canals/Ditch.....:	<b>-.--</b>
Pipelines.....:	<b>-.--</b>

**Hot Springs Creek-Lake Hamilton  
(080401010804)**

**Area Summary**

Area - Square Miles.....:	32.11
Area - Acres.....:	20791.37

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	425.00	1394.00
Elevation Minimum.....:	101.00	331.00
Elevation Average.....:	152.00	499.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	4.94
Reservoirs.....:	-.--

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	23.81
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Gulpha Creek-Lake Hamilton  
(080401010805)**

**Area Summary**

Area - Square Miles.....:	<b>46.09</b>
Area - Acres.....:	<b>29840.71</b>

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	<b>424.00</b>	<b>1391.00</b>
Elevation Minimum.....:	<b>92.00</b>	<b>302.00</b>
Elevation Average.....:	<b>191.00</b>	<b>626.00</b>

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	<b>-.--</b>
Canals/Ditch.....:	<b>-.--</b>
Swamps/Marsh.....:	<b>-.--</b>
Lakes/Ponds.....:	<b>.37</b>
Reservoirs.....:	<b>-.--</b>

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	<b>56.55</b>
Canals/Ditch.....:	<b>-.--</b>
Pipelines.....:	<b>-.--</b>

**Little Mazarn Creek  
(080401010801)**

**Area Summary**

Area - Square Miles.....:	39.33
Area - Acres.....:	25465.85

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	376.00	1233.00
Elevation Minimum.....:	137.00	449.00
Elevation Average.....:	201.00	659.00

**Surface Water Area Features**

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

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	55.26
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Fourche a Loupe Creek-Lake Hamilton  
(080401010803)**

**Area Summary**

Area - Square Miles.....:	29.14
Area - Acres.....:	18865.64

**Elevation Summary**

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	392.00	1286.00
Elevation Minimum.....:	121.00	397.00
Elevation Average.....:	191.00	626.00

**Surface Water Area Features**

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	2.07
Reservoirs.....:	.15

**Surface Water Linear Features**

	<u>Miles</u>
Streams/Rivers.....:	42.57
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

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