

Watershed Report

Big Creek-Dorcheat Bayou

1114020301

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-Dorcheat Bayou (1114020301)

Area Summary

Area - Square Miles.....:	361.96
Area - Acres.....:	234366.51

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	145.00	476.00
Elevation Minimum.....:	62.00	203.00
Elevation Average.....:	93.00	305.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	2.20
Lakes/Ponds.....:	.51
Reservoirs.....:	.06

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	705.67
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

Sub-Watershed Summary (12 Digit HUC)

Brushy Creek-Cypress Creek (111402030101)

Area Summary

Area - Square Miles.....:	34.73
Area - Acres.....:	22488.27

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximum.....:	145.00	476.00
Elevation Minimum.....:	84.00	276.00
Elevation Average.....:	105.00	344.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.04
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	55.62
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Clear Creek-Dorcheat Bayou
(111402030103)**

Area Summary

Area - Square Miles.....:	21.43
Area - Acres.....:	13873.50

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	134.00	440.00
Elevation Minimum.....:	75.00	246.00
Elevation Average.....:	97.00	318.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.03
Lakes/Ponds.....:	.02
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	36.15
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Beech Creek-Dorcheat Bayou
(111402030105)**

Area Summary

Area - Square Miles.....:	49.28
Area - Acres.....:	31909.09

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	122.00	400.00
Elevation Minimum.....:	69.00	226.00
Elevation Average.....:	94.00	308.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.04
Reservoirs.....:	.01

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	105.62
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Chaffin Branch-Big Creek
(111402030109)**

Area Summary

Area - Square Miles.....:	44.10
Area - Acres.....:	28554.81

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	121.00	397.00
Elevation Minimum.....:	62.00	203.00
Elevation Average.....:	82.00	269.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.08
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	79.48
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Holly Creek-Dorcheat Bayou
(111402030110)**

Area Summary

Area - Square Miles.....:	52.84
Area - Acres.....:	34215.69

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	124.00	407.00
Elevation Minimum.....:	62.00	203.00
Elevation Average.....:	82.00	269.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.46
Lakes/Ponds.....:	.02
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	125.34
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Nations Creek
(111402030107)**

Area Summary

Area - Square Miles.....:	26.61
Area - Acres.....:	17227.96

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	127.00	417.00
Elevation Minimum.....:	69.00	226.00
Elevation Average.....:	96.00	315.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.08
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	46.55
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Barlow Branch-Big Creek
(111402030108)**

Area Summary

Area - Square Miles.....:	31.54
Area - Acres.....:	20422.61

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	121.00	397.00
Elevation Minimum.....:	69.00	226.00
Elevation Average.....:	92.00	302.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.10
Reservoirs.....:	.04

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	67.63
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Cypress Creek-Dorcheat Bayou
(111402030102)**

Area Summary

Area - Square Miles.....:	36.27
Area - Acres.....:	23482.82

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	136.00	446.00
Elevation Minimum.....:	81.00	266.00
Elevation Average.....:	101.00	331.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	66.09
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Green Creek-Big Creek
(111402030106)**

Area Summary

Area - Square Miles.....:	33.79
Area - Acres.....:	21878.03

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	131.00	430.00
Elevation Minimum.....:	84.00	276.00
Elevation Average.....:	104.00	341.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.05
Reservoirs.....:	.01

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	58.28
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**Town of Jefferson-Dorcheat Bayou
(111402030104)**

Area Summary

Area - Square Miles.....:	31.37
Area - Acres.....:	20313.73

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	122.00	400.00
Elevation Minimum.....:	73.00	239.00
Elevation Average.....:	90.00	295.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	1.71
Lakes/Ponds.....:	.05
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	64.91
Canals/Ditch.....:	-.--
Pipelines.....:	-.--
