

Watershed Report

St. Francis Bay

0802020305

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)

St. Francis Bay (0802020305)

Area Summary

Area - Square Miles.....:	538.16
Area - Acres.....:	348450.79

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	158.00	518.00
Elevation Minimum.....:	52.00	171.00
Elevation Average.....:	76.00	249.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	.72
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.97
Lakes/Ponds.....:	1.65
Reservoirs.....:	.50

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	436.82
Canals/Ditch.....:	259.59
Pipelines.....:	-.--

Sub-Watershed Summary (12 Digit HUC)

Gum Slough (080202030505)

Area Summary

Area - Square Miles.....:	47.72
Area - Acres.....:	30901.09

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximum.....:	131.00	430.00
Elevation Minimum.....:	65.00	213.00
Elevation Average.....:	72.00	236.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	20.28
Canals/Ditch.....:	25.62
Pipelines.....:	-.--

Ditch No. 123
(080202030504)

Area Summary

Area - Square Miles.....:	34.41
Area - Acres.....:	22278.82

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	70.00	230.00
Elevation Minimum.....:	59.00	194.00
Elevation Average.....:	65.00	213.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	16.82
Canals/Ditch.....:	29.30
Pipelines.....:	-.--

**Upper Ditch No. 10
(080202030506)**

Area Summary

Area - Square Miles.....:	33.05
Area - Acres.....:	21400.35

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	73.00	239.00
Elevation Minimum.....:	63.00	207.00
Elevation Average.....:	68.00	223.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	11.81
Canals/Ditch.....:	25.37
Pipelines.....:	-.--

**Little Bay Outlet
(080202030508)**

Area Summary

Area - Square Miles.....:	30.46
Area - Acres.....:	19722.56

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	119.00	390.00
Elevation Minimum.....:	62.00	203.00
Elevation Average.....:	75.00	246.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.01
Reservoirs.....:	.07

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	8.48
Canals/Ditch.....:	22.23
Pipelines.....:	-.--

Middle Ditch No. 10
(080202030509)

Area Summary

Area - Square Miles.....:	46.19
Area - Acres.....:	29904.89

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	72.00	236.00
Elevation Minimum.....:	60.00	197.00
Elevation Average.....:	66.00	216.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.01
Reservoirs.....:	.07

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	12.15
Canals/Ditch.....:	32.33
Pipelines.....:	-.--

**Lower Ditch No. 10
(080202030510)**

Area Summary

Area - Square Miles.....:	42.96
Area - Acres.....:	27818.03

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	69.00	226.00
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.....:	-.--
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	34.00
Canals/Ditch.....:	33.32
Pipelines.....:	-.--

**Purcell Slough
(080202030503)**

Area Summary

Area - Square Miles.....:	45.78
Area - Acres.....:	29642.49

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	77.00	253.00
Elevation Minimum.....:	64.00	210.00
Elevation Average.....:	68.00	223.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	.97
Lakes/Ponds.....:	-.--
Reservoirs.....:	.08

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	29.95
Canals/Ditch.....:	21.86
Pipelines.....:	-.--

**Ditch No. 1 Headwaters
(080202030511)**

Area Summary

Area - Square Miles.....:	47.79
Area - Acres.....:	30945.27

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	134.00	440.00
Elevation Minimum.....:	63.00	207.00
Elevation Average.....:	86.00	282.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.23
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	49.90
Canals/Ditch.....:	16.84
Pipelines.....:	-.--

**Thompson Ditch
(080202030502)**

Area Summary

Area - Square Miles.....:	34.57
Area - Acres.....:	22381.69

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	158.00	518.00
Elevation Minimum.....:	69.00	226.00
Elevation Average.....:	86.00	282.00

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.....:	37.75
Canals/Ditch.....:	12.16
Pipelines.....:	-.--

Little Bay Ditch Headwaters (080202030507)

Area Summary

Area - Square Miles.....:	33.82
Area - Acres.....:	21900.90

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	149.00	489.00
Elevation Minimum.....:	66.00	216.00
Elevation Average.....:	84.00	276.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	27.27
Canals/Ditch.....:	5.40
Pipelines.....:	-.--

**Big Bay Ditch
(080202030501)**

Area Summary

Area - Square Miles.....:	32.48
Area - Acres.....:	21029.45

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	149.00	489.00
Elevation Minimum.....:	69.00	226.00
Elevation Average.....:	78.00	256.00

Surface Water Area Features

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

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	34.92
Canals/Ditch.....:	8.21
Pipelines.....:	-.--

**Clark Corner Cutoff
(080202030514)**

Area Summary

Area - Square Miles.....:	41.77
Area - Acres.....:	27042.89

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	137.00	449.00
Elevation Minimum.....:	52.00	171.00
Elevation Average.....:	87.00	285.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	.58
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.53
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	66.92
Canals/Ditch.....:	-.--
Pipelines.....:	-.--

**St. Francis Bay
(080202030513)**

Area Summary

Area - Square Miles.....:	33.58
Area - Acres.....:	21739.86

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	140.00	459.00
Elevation Minimum.....:	53.00	174.00
Elevation Average.....:	78.00	256.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	.14
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.04
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	44.88
Canals/Ditch.....:	13.41
Pipelines.....:	-.--

**Ditch No. 1 Outlet
(080202030512)**

Area Summary

Area - Square Miles.....:	33.58
Area - Acres.....:	21742.50

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	137.00	449.00
Elevation Minimum.....:	59.00	194.00
Elevation Average.....:	82.00	269.00

Surface Water Area Features

	<u>Sq. Miles</u>
Streams/Rivers.....:	-.--
Canals/Ditch.....:	-.--
Swamps/Marsh.....:	-.--
Lakes/Ponds.....:	.74
Reservoirs.....:	-.--

Surface Water Linear Features

	<u>Miles</u>
Streams/Rivers.....:	41.69
Canals/Ditch.....:	13.54
Pipelines.....:	-.--
