

July 2025 Mosquito Control Report



Jonesboro, AR

Prepared by:
Vector Disease Control
2221 South Church
Jonesboro, AR 72401
www.vdci.net
Office: 870-933-6939

Global Leaders in Mosquito Control





City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

July 2025

Vector Disease Control, Inc. (VDCI) provides a proven, scientific approach to mosquito control for the City of Jonesboro. VDCI's operations include larval and adult mosquito surveillance followed by the application of larvicides and adulticides.

Mosquito Surveillance

VDCI has utilized a total of **(13)** New Jersey light traps placed in residential and recreational areas throughout Jonesboro. These traps collected an average of **10.2582** mosquitoes per trap per night **(3,736)** total mosquitoes during this time. There have been a total of **3** mosquito species collected.

Larval Control Activity

Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, **48** sites were inspected with **22** sites having mosquito larvae present. As a result of these inspections, **800** ounces of granular BTI (VectoBacG) was applied to these mosquito breeding sites. Additionally, VDCI is continuing to eliminate breeding habitat for artificial container mosquitoes by targeting bird baths, buckets, tires etc.

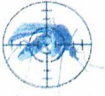


Adult Mosquito Control Activity

2221 N. Church St. Jonesboro, AR 72401

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Mosquito Surveillance and Control Report

In response to community events and mosquito surveillance data, VDCI applied the adulticide on **38** truck routes for this reporting period. All adulticide ULV applications were made with truck-mounted ULV units equipped with GPS-enabled monitors. During this report period, a total of **1,368.90** spray miles and **49,77.20 acres** were treated with a total of **370** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **59** service requests and adulticided all parks, and any special events during the month.

In addition, **2** aerial applications occurred. A total of **110.00** gallons of chemical was sprayed covering a total of **21,333.00 spray acres**.

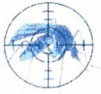
Summary

Throughout this reporting period, VDCI has continued to provide exceptional control of larval and adult mosquito populations. VDCI will remain diligent in our surveillance and control activities to prevent a significant increase in the mosquito population. If VDCI detects a significant rise in the mosquito population we will increase larval and adult control. As always, VDCI welcomes residents with any mosquito-related questions or concerns to contact VDCI's Jonesboro office directly at 855.933.6939.

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City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

YEAR TO DATE:

	July 2025	July 2024
Light Trap Surveillance:		
Total Mosquitos Collected	3,736	5,504
Total Average Mosquito Collected (Per Trap Per Day)	10.2582	13.88
Total Average Species	3	3
Larviciding:		
Total Inspected Sites	48	65
Total Sites with Larvicide	22	25
Total Larvicide Used (In Ounces)	800	1,728
Adulticiding:		
Total Spray Miles	1,368.90	1,965.20
Total Acres Treated	49,773.20	71,454.30
Total Gallons Sprayed	370	416
Total Nights Sprayed	14	19
Aerials:		
Aerial Sprays	2	1
Total Gallons	110	120
Total Acres	21,333	23,273
Requested Services:	59	53

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Ground Adulicide Applications

Start Date: 07/01/2025 End Date: 07/31/2025

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 01 Applications								
July 2025	07/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	42.0	34.9	1,269.7	10.0
					Total Permanone 30-30 (General Use) Applied: 10.0			
					Jonesboro Zone 01 Totals:	42.0	34.9	1,269.7
					10.0			
Jonesboro Zone 02A Applications								
July 2025	07/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	39.0	33.0	1,199.9	8.0
	07/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	58.0	38.0	1,381.7	9.0
					Total Permanone 30-30 (General Use) Applied: 17.0			
					Jonesboro Zone 02A Totals:	97.0	71.0	2,581.6
					17.0			
Jonesboro Zone 02B Applications								
July 2025	07/09/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	45.3	36.4	1,324.6	11.0
	07/21/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	30.7	25.4	925.0	9.0
					Total Permanone 30-30 (General Use) Applied: 20.0			
					Jonesboro Zone 02B Totals:	76.0	61.9	2,249.6
					20.0			
Jonesboro Zone 03 Applications								

Vector Disease Control International

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2025	07/01/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	33.7	21.4	777.7	7.0
	07/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	49.1	29.8	1,081.7	9.0
	07/23/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	49.0	34.6	1,259.2	9.0
Total Permanone 30-30 (General Use) Applied:								25.0
Jonesboro Zone 03 Totals:					131.7	85.8	3,118.6	25.0

Jonesboro Zone 04A Applications								
July 2025	07/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	60.3	43.9	1,596.2	11.0
	07/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	50.9	41.6	1,512.6	13.0
	07/15/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	61.7	54.0	1,963.4	12.0
	07/21/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	99.1	75.0	2,728.5	11.0
Total Permanone 30-30 (General Use) Applied:								47.0
Jonesboro Zone 04A Totals:					272.0	214.5	7,800.7	47.0

Jonesboro Zone 04B Applications								
July 2025	07/03/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	46.3	29.9	1,087.2	7.0
	07/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	46.2	32.8	1,191.2	11.0
	07/15/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	52.0	38.0	1,381.7	11.0
	07/17/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	41.9	29.1	1,059.2	8.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
	07/31/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	19.3	5.0	183.3	2.0
Total Permanone 30-30 (General Use) Applied: 39.0								
Jonesboro Zone 04B Totals:					205.6	134.8	4,902.4	39.0

Jonesboro Zone 05A Applications								
July 2025	07/17/2025	Jonesboro	Perm-X UL 30-30 (General Use) (89459-44)	1:5	49.6	36.1	1,313.7	11.0
Total Perm-X UL 30-30 (General Use) Applied: 11.0								
Jonesboro Zone 05A Totals:					49.6	36.1	1,313.7	11.0

Jonesboro Zone 05B Applications								
July 2025	07/15/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	46.2	31.2	1,134.1	8.0
Total Permanone 30-30 (General Use) Applied: 8.0								
Jonesboro Zone 05B Totals:					46.2	31.2	1,134.1	8.0

Jonesboro Zone 06 Applications								
July 2025	07/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	53.9	43.0	1,562.0	12.0
	07/08/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	39.3	31.8	1,157.0	10.0
	07/14/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	50.7	43.5	1,581.7	15.0
	07/21/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	50.7	39.5	1,435.1	8.0
	07/24/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	99.1	75.0	2,728.5	9.0
Total Permanone 30-30 (General Use) Applied:								54.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 06 Totals:								
					293.8	232.8	8,464.3	54.0

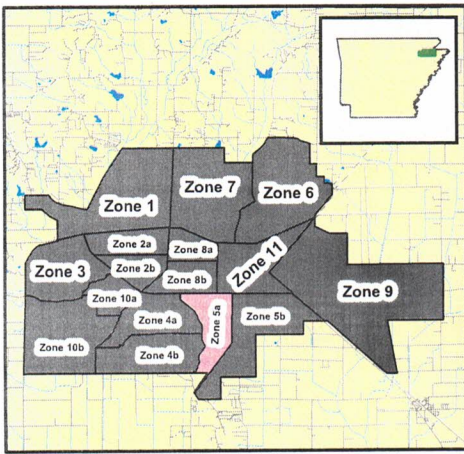
Jonesboro Zone 07 Applications

Jonesboro Zone 07 Applied								
July 2025	07/21/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	43.8	39.9	1,450.8	11.0
Total Permanone 30-30 (General Use) Applied:								11.0
Jonesboro Zone 07 Totals:					43.8	39.9	1,450.8	11.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
	07/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	47.0	36.0	1,309.0	11.0
Total Permanone 30-30 (General Use) Applied: 24.0								
Jonesboro Zone 09 Totals:					114.9	90.3	3,281.9	24.0

Jonesboro Zone 10A Applications								
July 2025	07/09/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	35.7	25.3	918.5	6.0
	07/17/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	47.6	30.5	1,107.9	8.0
Total Permanone 30-30 (General Use) Applied: 14.0								
Jonesboro Zone 10A Totals:					83.2	55.7	2,026.3	14.0

Jonesboro Zone 10B Applications								
July 2025	07/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	49.6	36.2	1,317.0	11.0
	07/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	48.5	35.2	1,278.4	10.0
	07/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	45.8	32.4	1,177.0	10.0
	07/23/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	42.5	30.8	1,120.6	10.0
Total Permanone 30-30 (General Use) Applied: 41.0								
Jonesboro Zone 10B Totals:					186.3	134.6	4,893.0	41.0
Grand Totals:					1,826.0	1,368.9	49,773.2	361.0



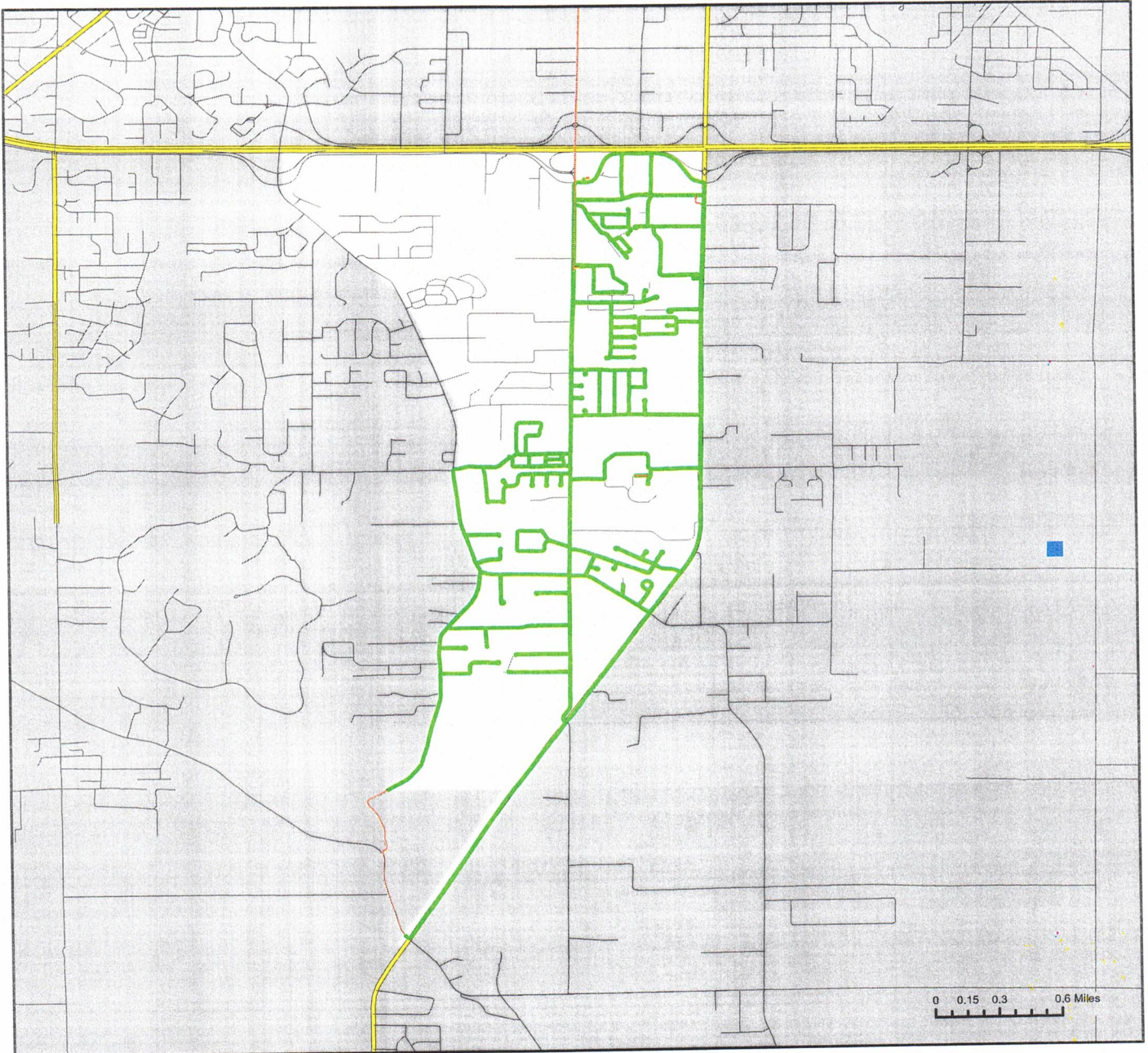
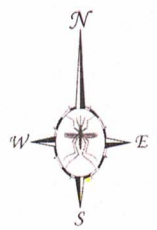
Jonesboro, Arkansas

Ground Adulticide Application Date:
July 17, 2025

Sprayer Status

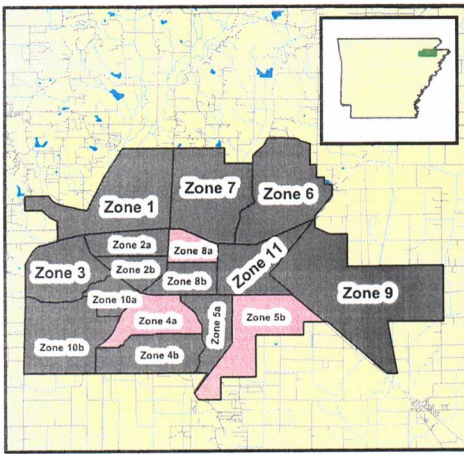
- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 11.0 gal
Miles Treated: 36.1
Acres Treated: 1,313.6



VDCI
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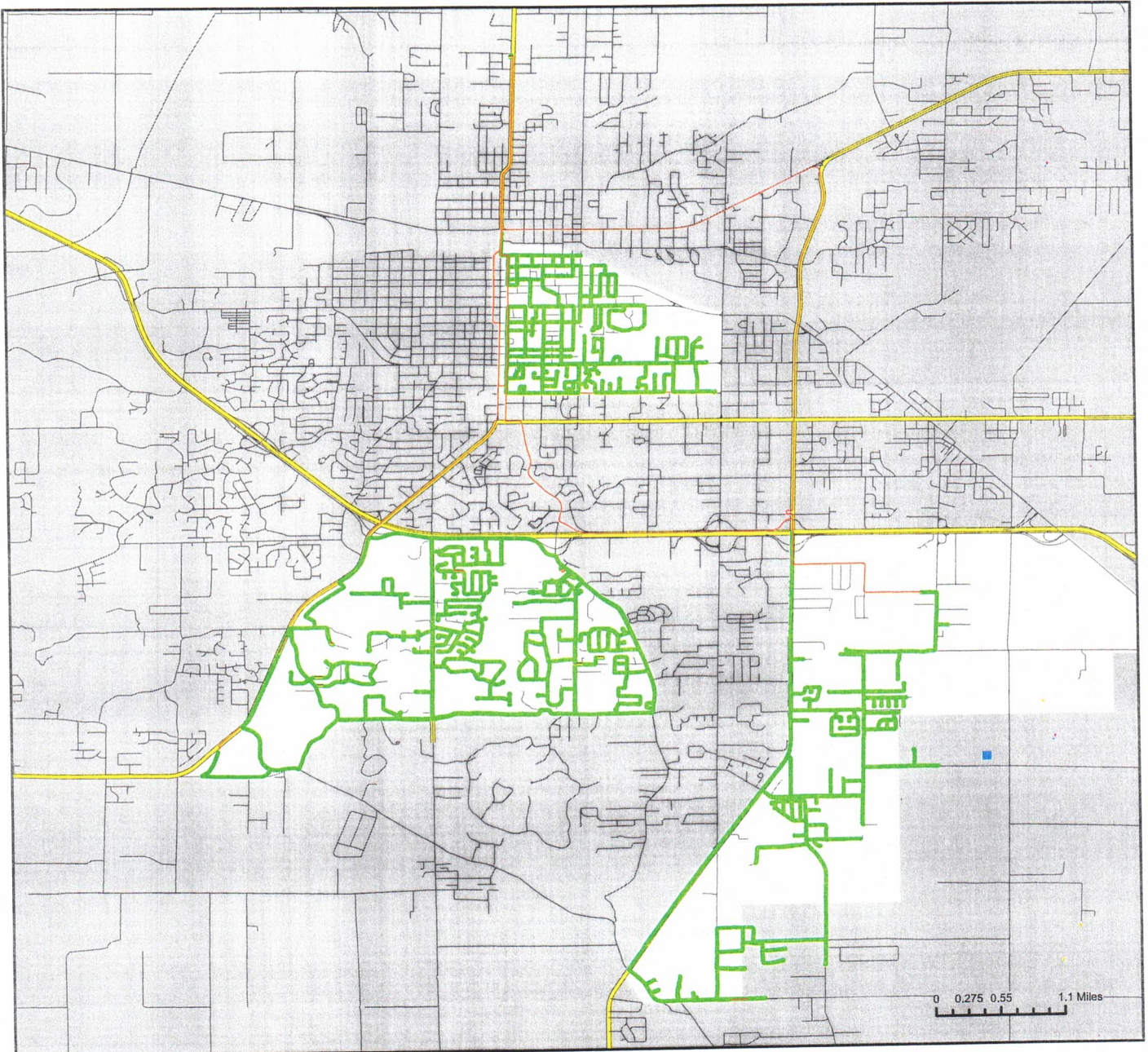
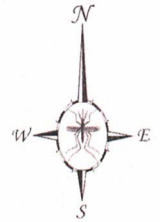
Jonesboro, Arkansas

Ground Adulticide Application Date:
July 15, 2025

Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 37.5 gal
Miles Treated: 112.6
Acres Treated: 4,092.7



Craighead County



Jonesboro, Arkansas

Aerial Adulticide Application Date:
July 22, 2025



Flight Line

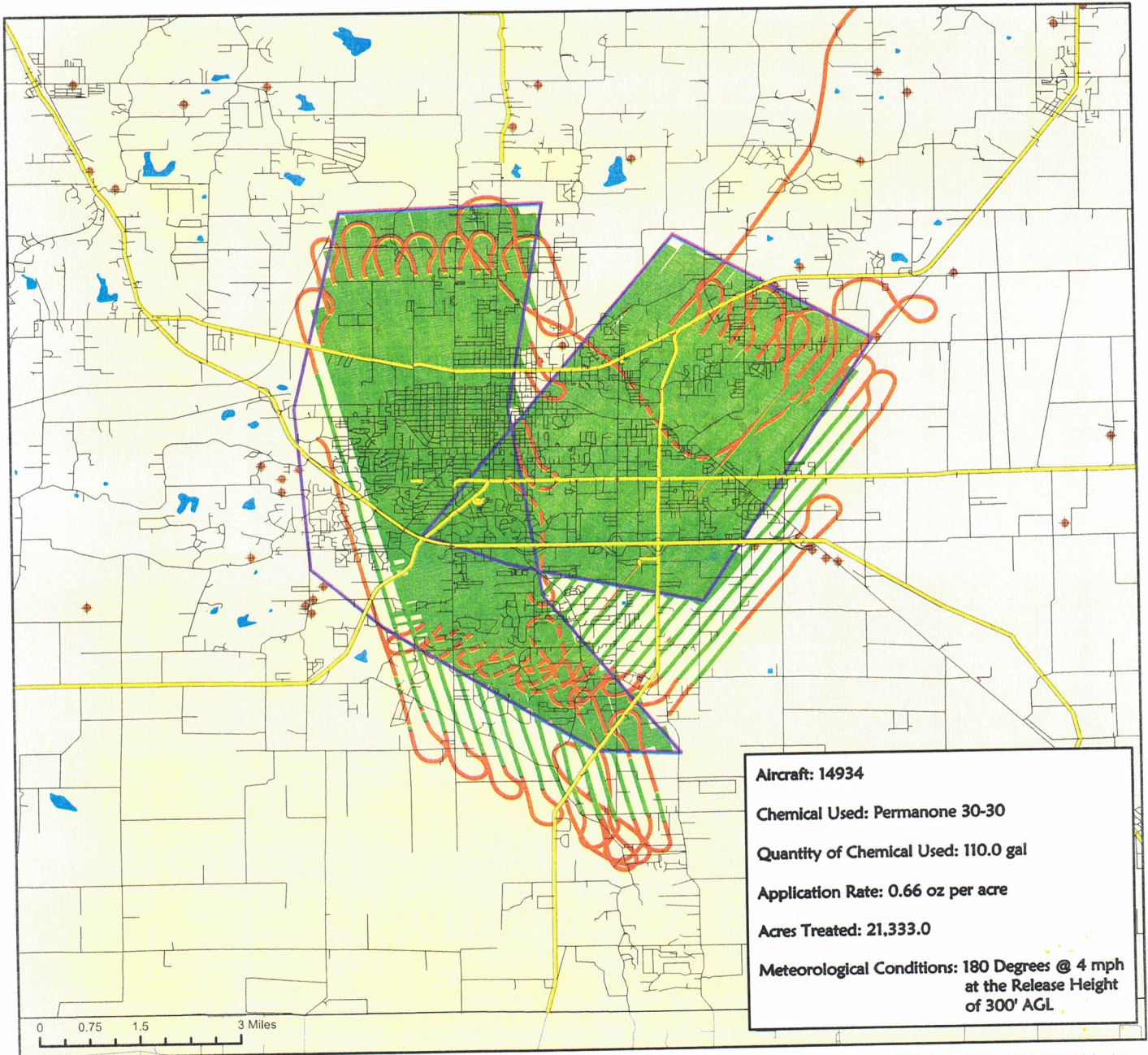
Spray Off

Spray On

Towers

Spray Deposition

Treatment Areas



Aircraft: 14934

Chemical Used: Permanone 30-30

Quantity of Chemical Used: 110.0 gal

Application Rate: 0.66 oz per acre

Acres Treated: 21,333.0

Meteorological Conditions: 180 Degrees @ 4 mph
at the Release Height
of 300' AGL



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