

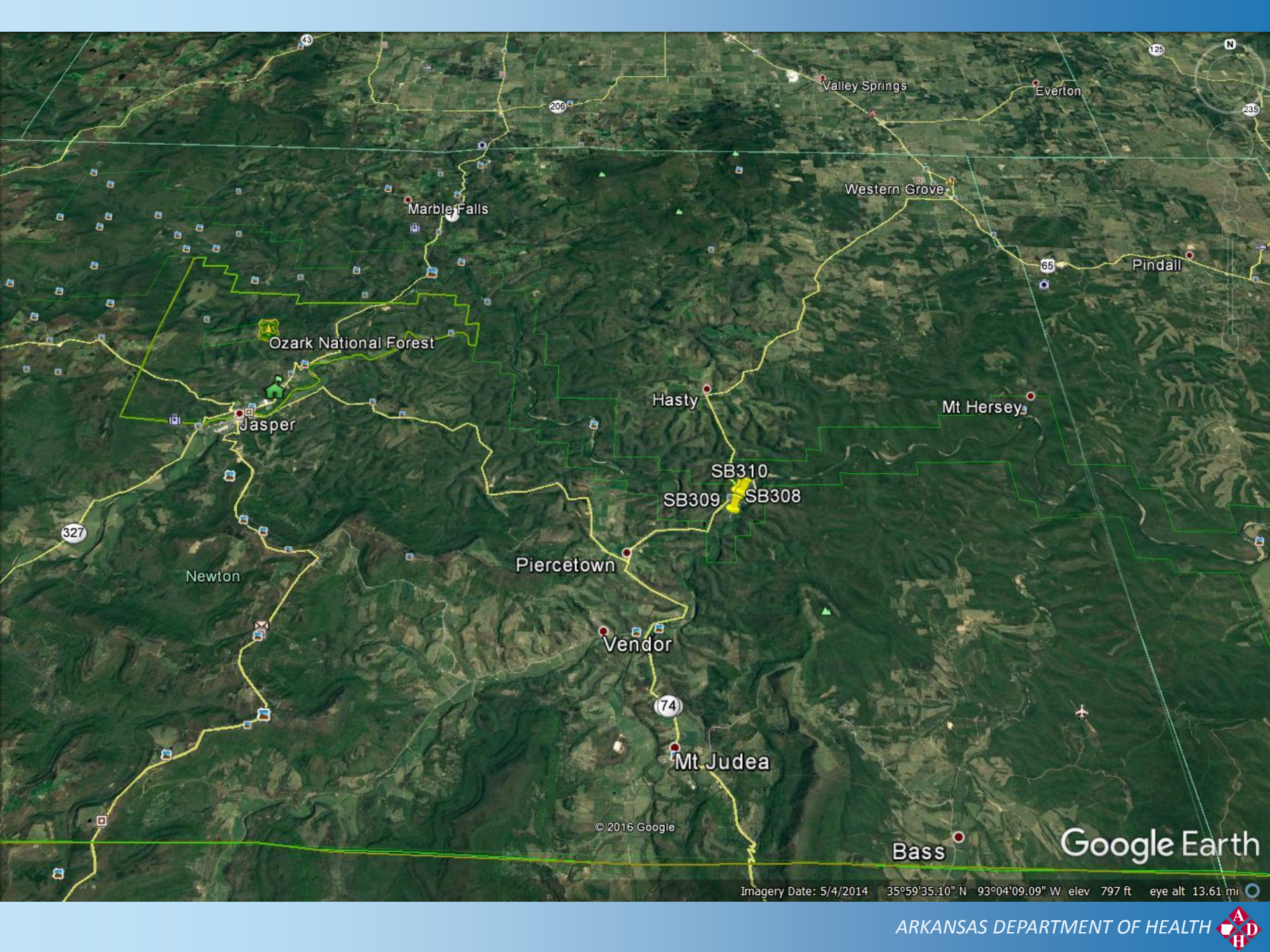


## Buffalo National River *E. coli* Monitoring

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Director and State Health Officer  
Arkansas Department of Health

# E coli Monitoring

- National Forest Department - Shawn Hodges
- Four times per month
- March 2013 through April 26, 2017



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Imagery Date: 5/4/2014 35°59'35.10" N 93°04'09.09" W elev 797 ft eye alt 13.61 mi



# Buffalo River

SB308

SB310

39 SB309

# Big Creek



123

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1994

Imagery Date: 4/24/2014 35°58'46.43" N 93°02'31.17" W elev 726 ft eye alt 3037 ft

# E coli Monitoring March 2013 through April 26, 2017

	Sample Site		
	SB308	SB309	SB310
Number of Samples	249	250	251
Average E coli (CFU/100mL)	104	136	118
Standard Deviation	317	328	343
Geometric Mean (MPN*)	23	42	23
Exceedances (number)	33	46	33
Exceedances (percent)	13	18	13

\* MPN – Most Probable Number



# E coli Over Time

