

# Arbuckle-Simpson Hydrology Study Timeline of Events

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>JAN</b>											
<b>FEB</b>											
<b>MAR</b>											
<b>APR</b>											
<b>MAY</b>											
<b>JUN</b>											
<b>JUL</b>											
<b>AUG</b>											
<b>SEP</b>											
<b>OCT</b>											
<b>NOV</b>											
<b>DEC</b>											

OWRB begins field work  
Fact Sheet available on OWRB website

List of stakeholders developed for email updates; 1st edition of newsletter sent

Senate Bill 288 passes, imposing a moratorium on issuing groundwater permits outside the basin until the OWRB approves MAY that will not reduce flow in springs and streams

2nd edition of newsletter sent to stakeholders

Peer Review team established with experts from USGS, OGS, EPA, and OSU

USGS begins geochemical sampling  
Presentation to Ardmore Geological Society  
3rd edition of newsletter sent to stakeholders

Presentation to Oklahoma City Geological Society

Synoptic water level measurements on 64 wells in Hunton Anticline

Fittstown Mesonet station established  
4th edition of newsletter sent to stakeholders

Deep test well drilled near Blue River

Study team tours Byrd's Mill Spring

Annual Report submitted to USBR

Surface Water Subcommittee holds first meeting

5th edition of newsletter sent to stakeholders

EPA runs geophysical logs on select wells  
OWRB/USGS conduct aquifer test on Murray Co. RWD wells

Report published: Indicators of Hydrologic Alteration Streams (Nature Conservancy)

Mill Creek stream gage installed

Arbuckle-Simpson map viewer launched on OWRB website

Annual Report submitted to USBR

Work begins on the Helicopter Electromagnetic and Magnetic (HEM) study

Work begins on groundwater flow model

Report published: Stream Water Management Network Model (Hydrosphere)

Report published: Distributed Water Resources Assessment (OU)

Final Study Report sent to USBR (OWRB)

USGS Gravity and Magnetic Data published  
Annual Report submitted to USBR

Arbuckle study team visits Edwards Aquifer in Texas

Report published: Instream Flow Assessment (OSU/USGS)

Public meeting in Ada to present study results

Reports published: Electrical Resistivity Imaging, Evaluation of Fracture Properties, Estimating Hydraulic Parameters, Deep Test Well, Analysis, and Characterization of the Aquifer (OSU)

Final Study Report sent to USBR (OWRB)

Report published: Geochemical Investigation of the Arbuckle-Simpson Aquifer (USGS)

Report published: Analysis of Seismic Reflection Data from the Hunton Anticline (OSU)

Report published: Depth Section Imaging for Airborne Geophysical Survey (USGS)

Report published: Hydroclimatic Reconstruction Through Tree-ring Analysis (OU)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

First Proposed Order issued by Hearing Examiner

Draft tentative determination of MAY presented to Board

Tentative Order issued by Board

Notice of prehearing conference and hearing issued

Prehearing conference held in Ada

Hearing held in Sulphur

Hearing Examiner notifies parties of USGS communication  
Parties file responses to USGS communication

Oklahoma Supreme Court decision allowing case to proceed

Hearing Examiner issues 2nd Proposed Order

Board issues Final Order

Board denies reconsideration of final order

OWRB continues monitoring Arbuckle-Simpson groundwater and surface water

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