



NATURAL RESOURCES  
DIVISION

# ARKANSAS DEPARTMENT OF AGRICULTURE NATURAL RESOURCES DIVISION

## Arkansas Aquifer Codes

This is a list of the identified underground aquifers and their code numbers in the state.

ALLUVIUM	112ALVM	EVERTON FORMATION	364EVRN	PENTERS CHERT	347PNRS
ANNONA CHALK	211ANNN	FAYETTEVILLE SHALE	332FTVL	PIKE GRAVEL	217PIKE
ARKADELPHIA MARL	211AKDP	FERVALE LIMESTONE	361FRVL	PITKIN LIMESTONE	331PTKN
ARKANSAS NOVACULITE	330ARKS	GASCONADE DOLOMITE	367GSCK	PLATTIN LIMESTONE	364PLTN
ATOKA FORMATION	326ATOK	GOODLAND LIMESTONE	218GDLD	PLEISTOCENE SERIES	112PLSC
ATOKAN SERIES	326ATKN	GUNTER SANDSTONE	367GNTR	PLIOCENE SERIES	121PLCN
BATESVILLE SANDSTONE	331BSVL	HALE FORMATION	328HALE	POLK CREEK SHALE	361PKCK
BIGFORK CHERT	364BGFK	HARTSHORNE SANDSTONE	325HRSR	PORTERS CREEK CLAY	125PRCK
BLACK ROCK FORMATION	367PKRK	HATTON TUFF LENTIL	330HNTF	POTOSI DOLOMITE	371POTS
BLAKELY SANDSTONE	367BLKL	HINDSVILLE LIMESTONE	331HDVL	POWELL DOLOMITE	368PWLL
BLAYLOCK SANDSTONE	350BLCK	HOLLY CREEK FORMATION	218HLCK	PRAIRIE GROVE	328PRGV
BLOYD SHALE	328BLVD	HOLOCENE ALLUVIUM	111ALVM	PRECAMBRIAN ERATHEM	400PCMB
BOGGY SHALE	325BGGY	HOLOCENE SERIES	111HLCN	PRECAMBRIANIGNEOUSROCKS	400IGNS
BONNETERRE DOLOMITE	371BNTR	HOT SPRINGS SANDSTONE	330HSPG	QUATERNARY ALLUVIUM	110ALVM
BOONE FORMATION	330BOON	JACKFORK SANDSTONE	328JKFK	REDFIELD FORMATION	124RDFD
BRASSFIELD LIMESTONE	357BFLD	JACKSON GROUP	124JCKS	ROUBIDOUX FORMATION	367RBDX
BRENTWOOD LIMESTONE	328 BRND	JEFFERSON CITY DOLOMITE	368JFRC	RUDELLE SHALE	331RDDL
BROWNSTOWN MARL	212BRNS	JOACHIM DOLOMITE	364JCHM	SARATOGA CHALK	211SRTG
CAMBRIAN SYSTEM	370CMBR	JOHNS VALLEY SHALE	328JSVL	SAVANNA SANDSTONE	325SVNN
CAMBRIAN, UPPER	371CMBRU	KESSLER LIMESTONE	328KSLR	SILURIAN SYSTEM	350SLRN
CANE HILL	328CNHL	KIMSWICK LIMESTONE	364KMCK	SILURIAN, LOWER	357SLRNL
CANE RIVER FORMATION	124CRVR	LAFFERTY LIMESTONE	357LFRT	SMITHVILLE FORMATION	367SMVL
CARRIZO SAND	124CRRZ	LAMOTTE SANDSTONE	371LMTT	SPARTA SAND	124SPRT
CASON SHALE	361CSON	LOWER CRETACEOUS SERIES	217CRCSL	ST CLAIR LIMESTONE	350SCLR
CENOZOIC ERTHEM	100CNZC	LOWER WILCOX	12414WX	ST JOE LIMESTONE	337STJO
CHATTANOOGA SHALE	330CTNG	MARLBROOK MARL	211MLBK	ST PETER SANDSTONE	364STPR
CLAIBORNE GROUP	124CLBR	MAZARN SHALE	367MZRN	STANLEY SHALE	330STNL
CLAYTON FORMATION	125CLTN	MCALESTER SHALE	325MCAL	SYLAMORE SANDSTONE	341SLMR
CLIFTY LIMESTONE	344CLFT	MEMPHIS SAND	12405MP	TERRACE DEPOSITS	110TRRC
COCKFIELD FORMATION	124CCKF	MESOZOIC ERATHEM	200MSZC	TERRACE DEPOSITS	111TRRC
COLLIER SHALE	370CLLR	MIDWAY GROUP	125MDWY	TERRACE DEPOSITS	112TRRC
COOK MOUNTAIN FORMATION	124CKMN	MISSISSIPPIAN SYSTEM	330MSSP	TERTIARY SYSTEM	120TRTR
COTTER DOLOMITE	367CTTR	MISSISSIPPIAN, LOWER	337MSSPL	TOKIO FORMATION	212TOKO
CRETACEOUS SYSTEM	210CRCS	MISSISSIPPIAN, UPPER	331MSSPU	TRINITY GROUP	218TRNT
CRYSTAL MOUNTAIN SANDSTONE	367CRLM	MISSOURI MOUNTAIN SLATE	350MSRM	ULMINA THULA GRAVEL	217ULMT
DAVIS FORMATION	371DVIS	MOOREFIELD FORMATION	331MFLD	UPPER CRETACEOUS SERIES	211CRCSU
DE QUEEN LIMESTONE	217DQUN	MORRAWAN SERIES	328MRRW	VAN BUREN FORMATION	367VNBR
DELIGHT SAND	217DLGT	NACTOCH SAND	211NCTC	WEDINGTON SANDSTONE	331WDNG
DERBY-DOERUN FORMATIONS	371DRBD	NEPHELINE SYENITE	211NPLS	WHITE BLUFF FORMATION	124WBLF
DES MOINESIAN SERIES	325DSMS	ORDOVICIAN SYSTEM	360ODVC	WILCOX GROUP	124WLCX
DEVONIAN SYSTEM	340DVNN	ORDOVICIAN, LOWER	367ODVCL	WOMBLE SHALE	367WMBL
DEVONIAN, LOWER	347DVNNL	ORDOVICIAN, MIDDLE	364OKVCM	WOODBINE FORMATION	212WDBN
DEVONIAN, MIDDLE	344DVNNM	ORDOVICIAN, UPPER	361ODVCU	WOOLSEY SANDSTONE	328WLSY
DEVONIAN, UPPER	341DVNNU	OZAN FORMATION	212OZAN	BASEMENT	BASEMENT
DIERKS LIMESTONE	217DRKS	PALEOCENE SERIES	125PLCN	BEDROCK	BEDROCK
ELVINS GROUP	371ELVS	PALEOZOIC ERATHEM	300PLZC		
EMINENCE DOLOMITE	371EMNC	PALUXY SAND	218PLXY		
EOCENE SERIES	124EOCN	PENNSYLVANIAN SYSTEM	320PSLV		

**(On the back are the underground aquifers listed by order of their code number.)**

100CNZC	CENOZOIC ERTHEM	325HRSR	HARTSHORNE SANDSTONE	364OKVCM	ORDOVICIAN, MIDDLE
110ALVM	QUATERNARY ALLUVIUM	325MCAL	MCALSTER SHALE	364PLTN	PLATTIN LIMESTONE
110TRRC	TERRACE DEPOSITS	325SVNN	SAVANNA SANDSTONE	364STPR	ST PETER SANDSTONE
111ALVM	HOLOCENE ALLUVIUM	326ATKN	ATOKAN SERIES	367BLKL	BLAKELY SANDSTONE
111HLCN	HOLOCENE SERIES	326ATOK	ATOKA FORMATION	367CRLM	CRYSTAL MOUNTAIN SANDSTONE
111TRRC	TERRACE DEPOSITS	328 BRND	BRENTWOOD LIMESTONE	367CTTR	COTTER DOLOMITE
112ALVM	ALLUVIUM	328BLVD	BLOYD SHALE	367GNTR	GUNTER SANDSTONE
112PLSC	PLEISTOCENE SERIES	328CNHL	CANE HILL	367GSCK	GASCONADE DOLOMITE
112TRRC	TERRACE DEPOSITS	328HALE	HALE FORMATION	367MZRN	MAZARN SHALE
120TRTR	TERTIARY SYSTEM	328JKFK	JACKFORK SANDSTONE	367ODVC	ORDOVICIAN, LOWER
121PLCN	PLIOCENE SERIES	328JSVL	JOHNS VALLEY SHALE	367PKRK	BLACK ROCK FORMATION
12405MP	MEMPHIS SAND	328KSLR	KESSLER LIMESTONE	367RBDX	ROUBIDOUX FORMATION
12414WX	LOWER WILCOX	328MRRW	MORRAWAN SERIES	367SMVL	SMITHVILLE FORMATION
124CCKF	COCKFIELD FORMATION	328PRGV	PRAIRIE GROVE	367VNBR	VAN BUREN FORMATION
124CKMN	COOK MOUNTAIN FORMATION	328WLSY	WOOLSEY SANDSTONE	367WMBL	WOMBLE SHALE
124CLBR	CLAIBORNE GROUP	330ARKS	ARKANSAS NOVACULITE	368JFRC	JEFFERSON CITY DOLOMITE
124CRRZ	CARRIZO SAND	330BOON	BOONE FORMATION	368PWLL	POWELL DOLOMITE
124CRVR	CANE RIVER FORMATION	330CTNG	CHATTANOOGA SHALE	370CLLR	COLLIER SHALE
124EOCN	EOCENE SERIES	330HNTF	HATTON TUFF LENTIL	370CMBR	CAMBRIAN SYSTEM
124JCKS	JACKSON GROUP	330HSPG	HOT SPRINGS SANDSTONE	371BNTR	BONNETERRE DOLOMITE
124RDFD	REDFIELD FORMATION	330MSSP	MISSISSIPPIAN SYSTEM	371CMBRU	CAMBRIAN, UPPER
124SPRT	SPARTA SAND	330STNL	STANLEY SHALE	371DRBD	DERBY-DOERUN FORMATIONS
124WBLF	WHITE BLUFF FORMATION	331BSVL	BATESVILLE SANDSTONE	371DVIS	DAVIS FORMATION
124WLCX	WILCOX GROUP	331HDVL	HINDSVILLE LIMESTONE	371ELVS	ELVINS GROUP
125CLTN	CLAYTON FORMATION	331MFLD	MOOREFIELD FORMATION	371EMNC	EMINENCE DOLOMITE
125MDW	MIDWAY GROUP	331MSSPU	MISSISSIPPIAN, UPPER	371LMTT	LAMOTTE SANDSTONE
125PLCN	PALEOCENE SERIES	331PTKN	PITKIN LIMESTONE	371POTS	POTOSI DOLOMITE
125PRCK	PORTERS CREEK CLAY	331RDDL	RUDELLE SHALE	400IGNS	PRECAMBRIAN IGNEOUS ROCKS
200MSZC	MESOZOIC ERATHEM	331WDNG	WEDINGTON SANDSTONE	400PCMB	PRECAMBRIAN ERATHEM
210CRCS	CRETACEOUS SYSTEM	332FTVL	FAYETTEVILLE SHALE	BASEMENT	BASEMENT
211AKDP	ARKADELPHIA MARL	337MSSPL	MISSISSIPPIAN, LOWER	BEDROCK	BEDROCK
211ANNN	ANNONA CHALK	337STJO	ST JOE LIMESTONE		
211CRCSU	UPPER CRETACEOUS SERIES	340DVNN	DEVONIAN SYSTEM		
211MLBK	MARLBROOK MARL	341DVNNU	DEVONIAN, UPPER		
211NCTC	NACTOCH SAND	341SLMR	SYLAMORE SANDSTONE		
211NPLS	NEPHELINE SYENITE	344CLFT	CLIFTY LIMESTONE		
211SRGT	SARATOGA CHALK	344DVNNM	DEVONIAN, MIDDLE		
212BRNS	BROWNSTOWN MARL	347DVNNL	DEVONIAN, LOWER		
212OZAN	OZAN FORMATION	347PNRS	PENTERS CHERT		
212TOKO	TOKIO FORMATION	350BLCK	BLAYLOCK SANDSTONE		
212WDBN	WOODBINE FORMATION	350MSRM	MISSOURI MOUNTAIN SLATE		
217CRCS	LOWER CRETACEOUS SERIES	350SCLR	ST CLAIR LIMESTONE		
217DLGT	DELIGHT SAND	350SLRN	SILURIAN SYSTEM		
217DQUN	DE QUEEN LIMESTONE	357BFLD	BRASSFIELD LIMESTONE		
217DRKS	DIERKS LIMESTONE	357LFRT	LAFFERTY LIMESTONE		
217PIKE	PIKE GRAVEL	357SLRNL	SILURIAN, LOWER		
217ULMT	ULMINA THULA GRAVEL	360ODVC	ORDOVICIAN SYSTEM		
218GDL	GOODLAND LIMESTONE	361CSON	CASON SHALE		
218HLCK	HOLLY CREEK FORMATION	361FRVL	FERNVALE LIMESTONE		
218PLXY	PALUXY SAND	361ODVCU	ORDOVICIAN, UPPER		
218TRNT	TRINITY GROUP	361PKCK	POLK CREEK SHALE		
300PLZC	PALEOZOIC ERATHEM	364BGFK	BIGFORK CHERT		
320PSLV	PENNSYLVANIAN SYSTEM	364EVRN	EVERTON FORMATION		
325BGGY	BOGGY SHALE	364JCHM	JOACHIM DOLOMITE		
325DSMS	DES MOINESIAN SERIES	364KMCK	KIMSWICK LIMESTONE		