The Spring River Watershed:

General Bedrock Geology, Losing Streams and Sinkholes

0 2.5 5 10 Miles

Transportation data courtesy of the Missouri Department of Transportation, HUC-8 data courtesy of the United States Natural Resources Conservation Service, Environmental Protection Agency and United States Geological Survey, all other data courtesy of the Missouri Department of Natural Resources.

Geology

Qal	Quaternary -Alluvium
Pcs	Pennsylvanian -channel sands
Pc	Pennsylvanian -Desmoinesian Series -Cherokee Group (cyclical shale, sand-stone, clay, coal)
Pka	Pennsylvanian -Desmoinesian/Atokan Series -Krebs Subgroup (cyclical sandstone, siltstone, shale, clay, coal) -Atokan Series -Riverton Formation -Burgner Formation
Mc	Mississippian -Chesterian Series -Fayetteville Formation -Batesville Formation -Hindsville Formation -Carterville Formation
Mm	Mississippian -Meramecian Series -Warsaw Formation
Mo	Mississippian -Osagean Series -Keokuk Limestone -Burlington Limestone -Elsey Formation -Reeds Spring Formation -Peirson Limeston

Barton
Dade
Jasper
Lawrence
Barry
Stone
Newton
nald

West-Central Missouri Groundwater Province

Springfield Plateau Groundwater Province

Burgess
Liberal
Milford
Lamar
Mindenmines
Dicks Fork
160
49
71
Golden City
Lockwood
Jasper
Carytown
Spring River
Neck City
Wano
Dry Fork
White Oak Creek
Oronogo
Carl Junction
Center Creek
Avilla
Carthage
Miller
44
La Russell
Mount Vernon
Reeds
Joplin
Short Creek
Fidelity
Honey Creek
Saginaw
Diamond
Freistatt
Hickory Branch
Hillhouse Branch
Douger Branch
Marionville
Loma Linda
Wentworth
Verona
Aurora
Fivemile Creek
Shoal Creek
Pierce City
Clear Creek
Monett Lily Creek
Dry Branch
60
Granby
Newtonia
Camps Creek
Terbert Branch
Joyce Creek
Seneca
Neosho
Fairview
Purdy
Wheaton
Butterfield
Pogue Creek
Woodward Creek

Symbology

- Sinkholes
- *Losing Streams*
- HUC 11070207 (Spring River Watershed)
- Groundwater Province Boundary*

*Represents approximate transition zone

Universal Transverse Mercator (UTM) Projection, UTM Zone 15 N, North American Datum 1983

5/2013
MISSOURI DEPARTMENT OF NATURAL RESOURCES

Please visit www.dnr.mo.gov for additional information about the Our Missouri Waters Initiative.