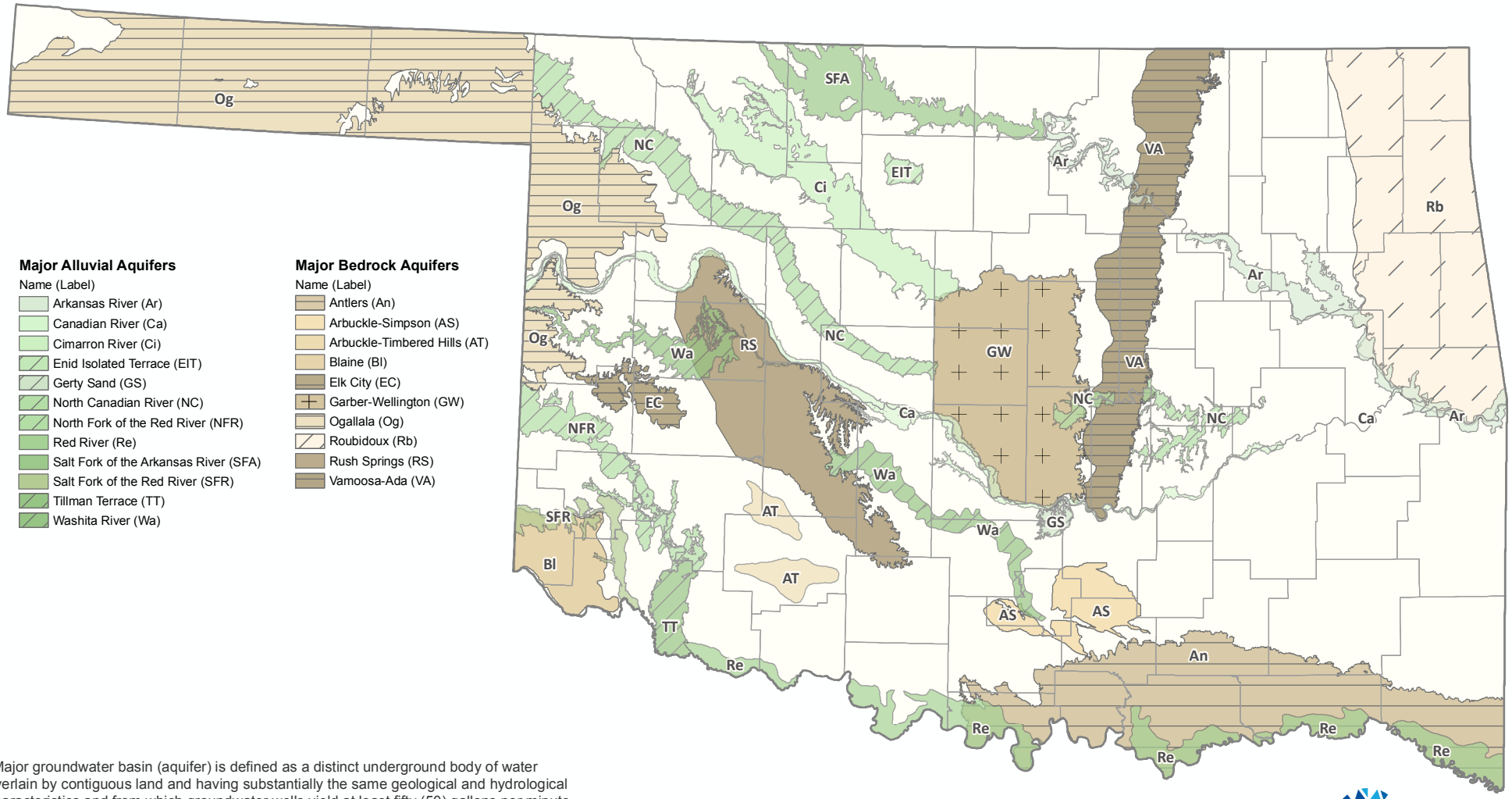
Oklahoma Groundwater Resources

Major Aquifers of Oklahoma



Major Alluvial Aquifers

Name (Label)

- Arkansas River (Ar)
- Canadian River (Ca)
- Cimarron River (Ci)
- Enid Isolated Terrace (EIT)
- Gerty Sand (GS)
- North Canadian River (NC)
- North Fork of the Red River (NFR)
- Red River (Re)
- Salt Fork of the Arkansas River (SFA)
- Salt Fork of the Red River (SFR)
- Tillman Terrace (TT)
- Washita River (Wa)

Major Bedrock Aquifers

Name (Label)

- Antlers (An)
- Arbuckle-Simpson (AS)
- Arbuckle-Timbered Hills (AT)
- Blaine (Bl)
- Elk City (EC)
- Garber-Wellington (GW)
- Ogallala (Og)
- Roubidoux (Rb)
- Rush Springs (RS)
- Vamoosa-Ada (VA)

*Major groundwater basin (aquifer) is defined as a distinct underground body of water overlain by contiguous land and having substantially the same geological and hydrological characteristics and from which groundwater wells yield at least fifty (50) gallons per minute on the average basinwide if from a bedrock aquifer and at least one hundred fifty (150) gallons per minute on the average basinwide if from an alluvium and terrace aquifer, or as otherwise designated by the Board.

For more information please visit the OWRB's web site at: (http://www.oklahoma.gov/owrb)

N W E S

0 50 Miles

OKLAHOMA
Water Resources Board