OKLAHOMA GEOLOGICAL SURVEY
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Geologic Provinces of Oklahoma

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EXPLANATION

Structural Boundaries

- Major faults, exposed at, or interpreted to occur at the surface. Overthrust faults identified with solid barbs on hanging wall block. Normal faults identified by hachures on relatively downthrown block. Arrows indicate relative horizontal movement
- Major subsurface faults. Overthrust faults identified with open barbs on hanging wall block
- Plunge of subsurface structure

Stratigraphic/Structural Boundaries

- Surface contact between rock units. May be approximated or locally generated
- Buried contact, structural contour, or structural trend
- Change in rate of thickness of strata or generalized structural trend

Geologic Provinces

- Basement–Rooted Uplifts
- Detachment Uplift
- Deep Basins
- Shelves/Shallow Basins

CIMARRON ARCH
ANADARKO SHELF
NEMAHA UPLIFT
NEMAHA FAULT ZONE
OZARK UPLIFT
CHEROKEE PLATFORM
ANADARKO BASIN
CENTRAL OKLAHOMA FAULT ZONE
SEMINOLE STRUCTURE
WICHITA FRONTAL FAULT ZONE
WICHITA UPLIFT
CYRIL BASIN
ADA HIGH
PAULS VALLEY-HUNTON HORST
LAWRENCE HORST
FRANKS GRABEN
ARBUCKLE UPLIFT
CLARITA HORST
ARKOMA BASIN
OUACHITA FRONTAL THRUST BELT
POTATO HILLS
HOLLIS BASIN
ARDMORE BASIN
ARBUCKLE MOUNTAINS
WAPANUCKA GRABEN
OUACHITA MOUNTAIN UPLIFT
OUACHITA CENTRAL REGION
NORTHERN LIMIT OF GULF COASTAL PLAIN
MARIETTA BASIN
CRINER UPLIFT
WAURIKA-MUENSTER UPLIFT
TISHOMINGO-BELTON HORST
BROKEN BOW UPLIFT
BURIED OUACHITA FRONTAL THRUST

SCALE 1:750,000
10 0 10 20 30 40 Miles
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