**\*\* Better Approach Use UWCartLab D3 Albers Projection Demo for**

**Centering Oklahoma – surprising results to calculate**

var projection = d3.geo.albers()

.center([-1.82, 19.96])

.rotate([97.36, -20.91, 0])

.parallels([20.00, 26.64])

.scale(1487.88)

.translate(width / 2, height / 2]);

**A black silhouette of a map

Description automatically generated**

[**Projection Wizard**](https://projectionwizard.org/)

**Oblique Lambert azimuthal equal-area**

+proj=laea +lon\_0=-98.9648437 +lat\_0=42.7282535 +datum=WGS84 +units=m +no\_defs

**A map of the world

Description automatically generated**

**A map of the united states

Description automatically generated**

**Albers Equal Area Conic**

**Albers equal-area conic** [PROJ](https://projectionwizard.org/) [WKT](https://projectionwizard.org/)

Latitude of origin: 36º 59' 34'' N  
Standard parallel 1: 26º 31' 26'' N  
Standard parallel 2: 47º 27' 43'' N

Central meridian: 98º 26' 15'' W

**PROJ**

+proj=aea +lon\_0=-98.4375 +lat\_1=26.5238721 +lat\_2=47.4618633 +lat\_0=36.9928677 +datum=WGS84 +units=m +no\_defs

**WKT**

PROJCS["ProjWiz\_Custom\_Albers",  
 GEOGCS["GCS\_WGS\_1984",  
  DATUM["D\_WGS\_1984",  
   SPHEROID["WGS\_1984",6378137.0,298.257223563]],  
  PRIMEM["Greenwich",0.0],  
  UNIT["Degree",0.0174532925199433]],  
 PROJECTION["Albers"],  
 PARAMETER["False\_Easting",0.0],  
 PARAMETER["False\_Northing",0.0],  
 PARAMETER["Central\_Meridian",-98.4375],  
 PARAMETER["Standard\_Parallel\_1",26.5238721],  
 PARAMETER["Standard\_Parallel\_2",47.4618633],  
 PARAMETER["Latitude\_Of\_Origin",36.9928677],  
 UNIT["Meter",1.0]]