

China in Six Coordinate Systems

WGS84



Mercator



Albers Equal Area Conic



UTM Zone 50N



Lambert Conformal Conic

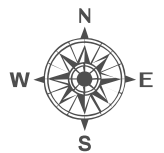


Equidistant Conic



Cartographer: Kawai Navares
Source: USGS
February 6, 2020

0 1,250 2,500 5,000 Kilometers



The UTM tries to minimize distortion in a narrow strip running pole to pole. Lambert Conformal Conic is similar to the Albers conic equal area projection except that Lambert conformal conic portrays shape more accurately than area. Albers Equal Area Conic projection is for land masses extending in an east to west orientation rather than those lying north to south. Equidistant Conic is has the least distorted area is midlatitude areas with a predominantly east to west extent and uses the Earth's center mass as the coordinate origin.