

# China in Six Projections



WGS 1984



UTM Zone 50N



Albers Equal Area Conic



Mercator



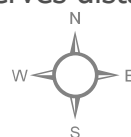
Equidistant Conic



Lambert Conformal Conic

The U.S. Department of Defense uses WGS 1984 as the global reference system and for GPS. UTM Zone 50N is a transverse mercator representing the northern hemisphere and the zone that corresponds to the position of Beijing. Albers equal area conic is used to project large countries that require equal-area projection, but Lambert Conformal Conic depends on the graticule spacing and is represented as conformal rather than equal. The Equidistant Conic is used typically for an atlas of small countries. Lastly, the Mercator projection preserves distance but doesn't preserve the area of the country and is used for sea navigation.

0 500 1,000 2,000  
Miles



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February 12, 2019

Source: ESRI