China is Six Coordinate Systems

N

WGS84

UTM Zone 50N

Lambert Conformal Conic

Mercator

Equidistant Conic

Albers Equal Area Conic

Every projection distorts that which it displays. WGS84 elongates China in a horizontal manner. Mercator elongates both horizontally and vertically. UTM Zone 50N alters theprojection in the same manor as Mercator but not as dramatically. Lambert ConformalConic maintains the shape of China however size is distorted. Equidistant Conic maintains the distance from a particle point, in this case the central meridian of 117. Albers Equal Area Conic maintains the are of China but distorts the shame of the country.

0   1,000   2,000   4,000 Kilometers