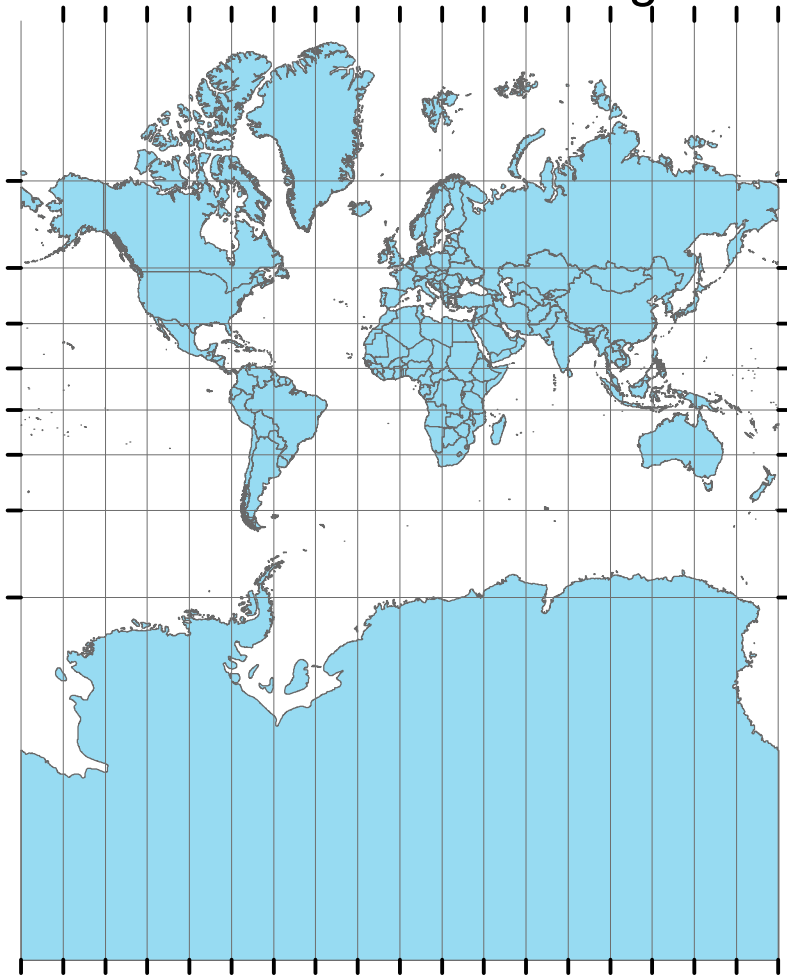
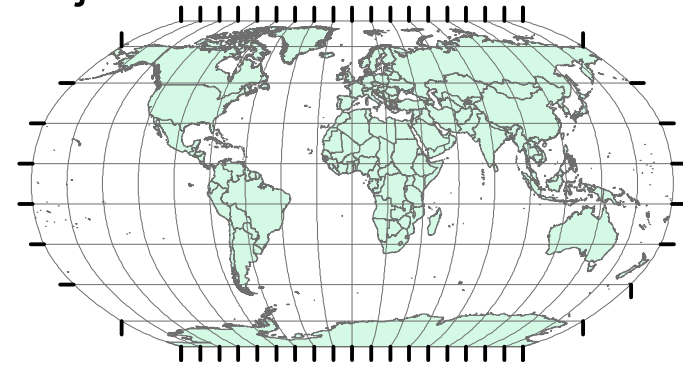


Comparison of Different Projections of the Globe

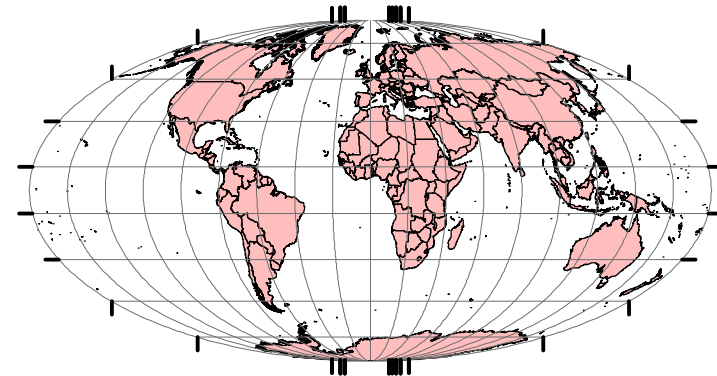
Using three different Projections



Mercator Projection
Projection Family: Conformal (cylindrical)
This projection conserves angles of shapes and direction,
at the cost of area distortion around the poles.

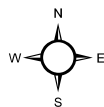


Robinson Projection
Projection Family: Compromise (Pseudocylindrical)
This projection compromises between having equal
area and being conformal.



Mollweide Projection
Projection Family: Equal-area (Pseudocylindrical)
This projection maintains proportional area at the cost
of shape and angle.

0 5,000 10,000 20,000
Miles



Despite all of these maps having the same scale, they are different sizes.
This is because a sphere projected onto different shapes, and then displayed in
two-dimensions causes distance warping.