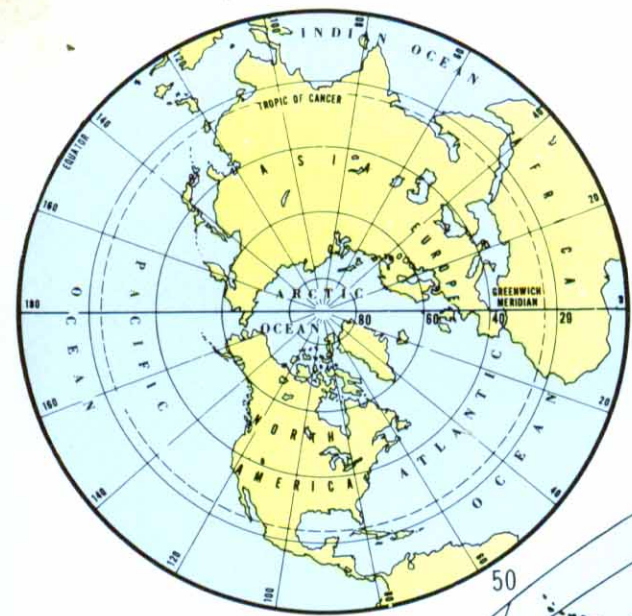
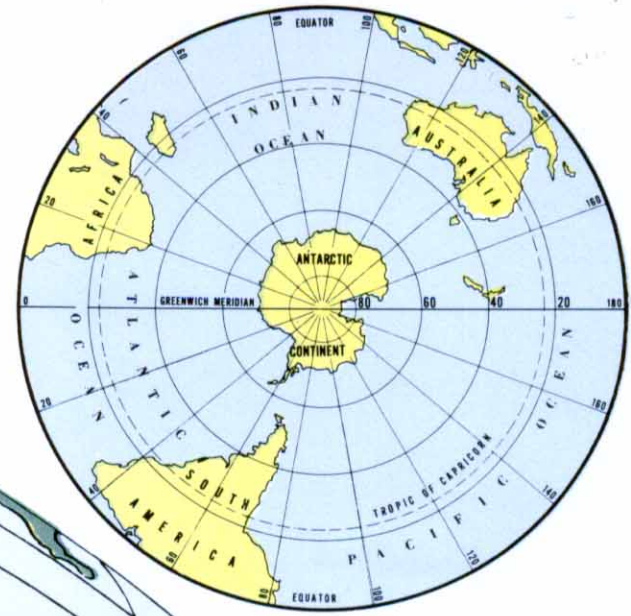




North Polar Area
AZIMUTHAL EQUIDISTANT
PROJECTION



South Polar Area
AZIMUTHAL EQUIDISTANT
PROJECTION

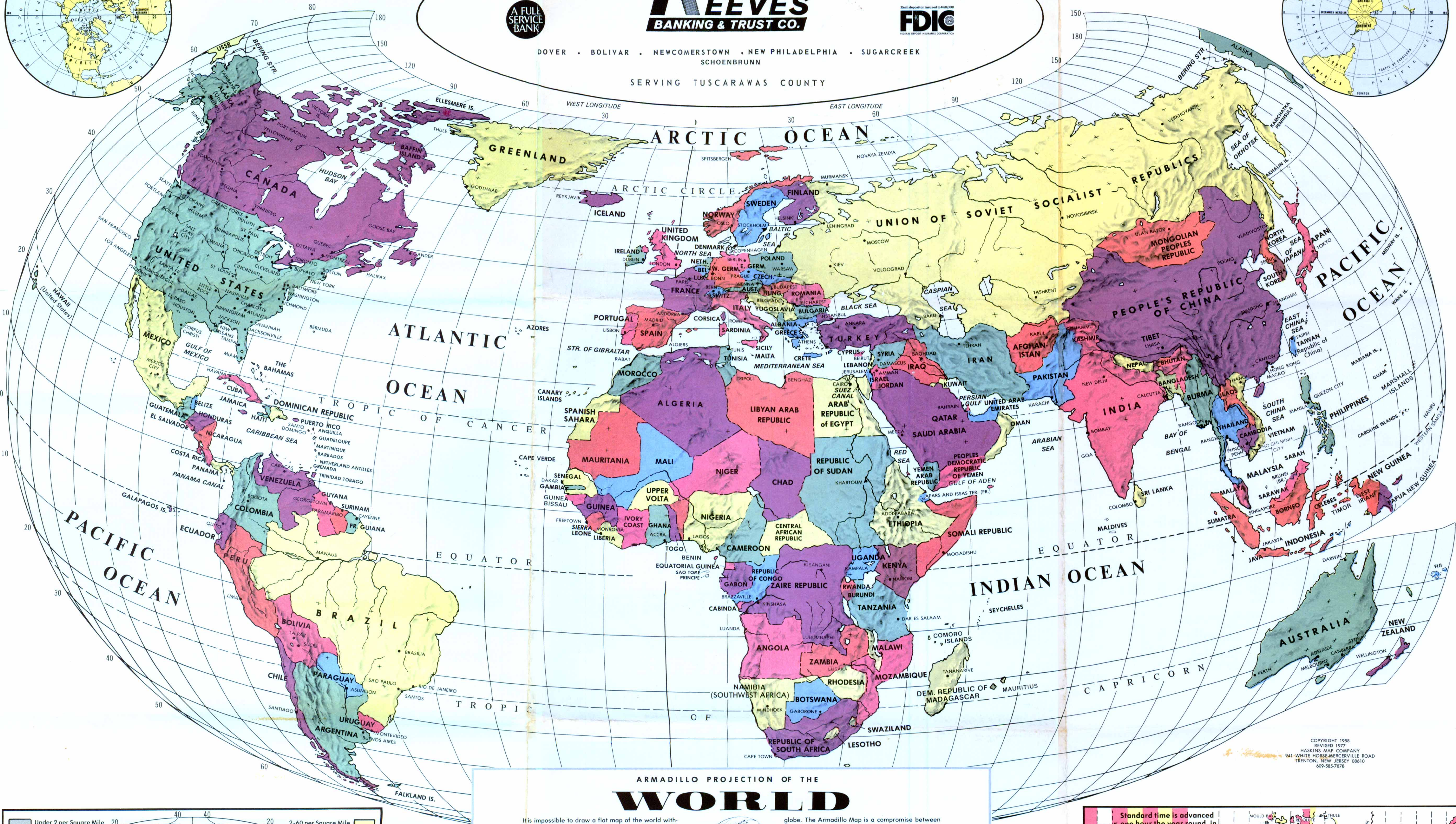
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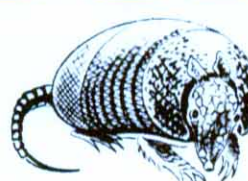
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ARMADILLO PROJECTION OF THE

WORLD

It is impossible to draw a flat map of the world without distorting the shape, the size, or the directions of land areas on the map. Of the maps shown on this page, the Mercator map has the greatest distortion. The Briesemeister map has some distortion, but all areas are the same size as they would be on a tiny globe. The Armadillo Map is a compromise between these two. It has some distortion but makes it easy for us to realize that the map is a drawing of a round world. You can imagine that the map might have been drawn on the shell of an armadillo when he was rolled up like a ball. It would look about like this when he unrolls.

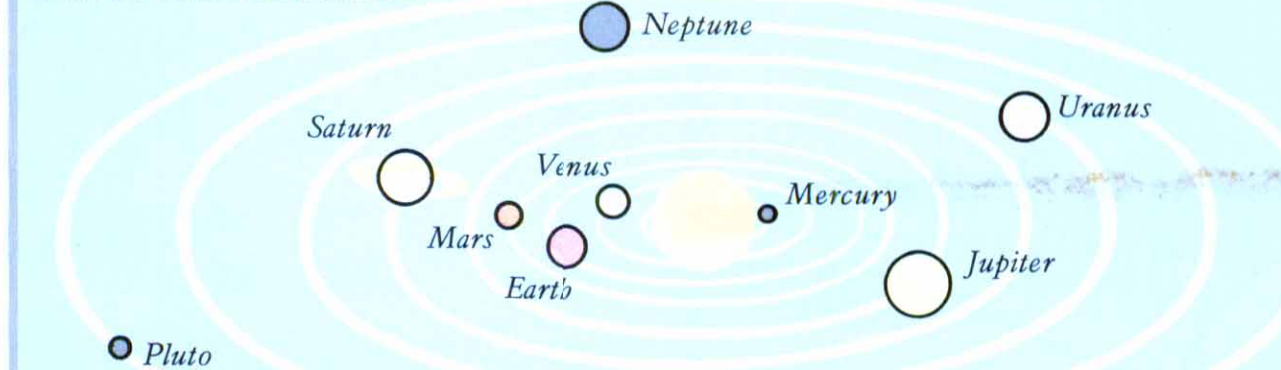


COMPILED WITH THE COOPERATION OF ADELBERT K. BOTTS, Ph.D. PROFESSOR
EMERITUS (GEOGRAPHY), TRENTON STATE COLLEGE, NEW JERSEY

DIAMETER OF PLANETS AND NUMBER OF MOONS

Planet	Diameter (Miles)	Number of Moons
MERCURY	3,100	0
PLUTO	3,500	0
MARS	4,200	2
VENUS	7,600	0
EARTH	7,927	1
NEPTUNE	31,500	2
URANUS	29,400	5
SATURN	71,500	10
JUPITER	86,800	14
SUN	864,000	Miles

THE SUN IS NOT SHOWN IN ITS RELATIVE SIZE.

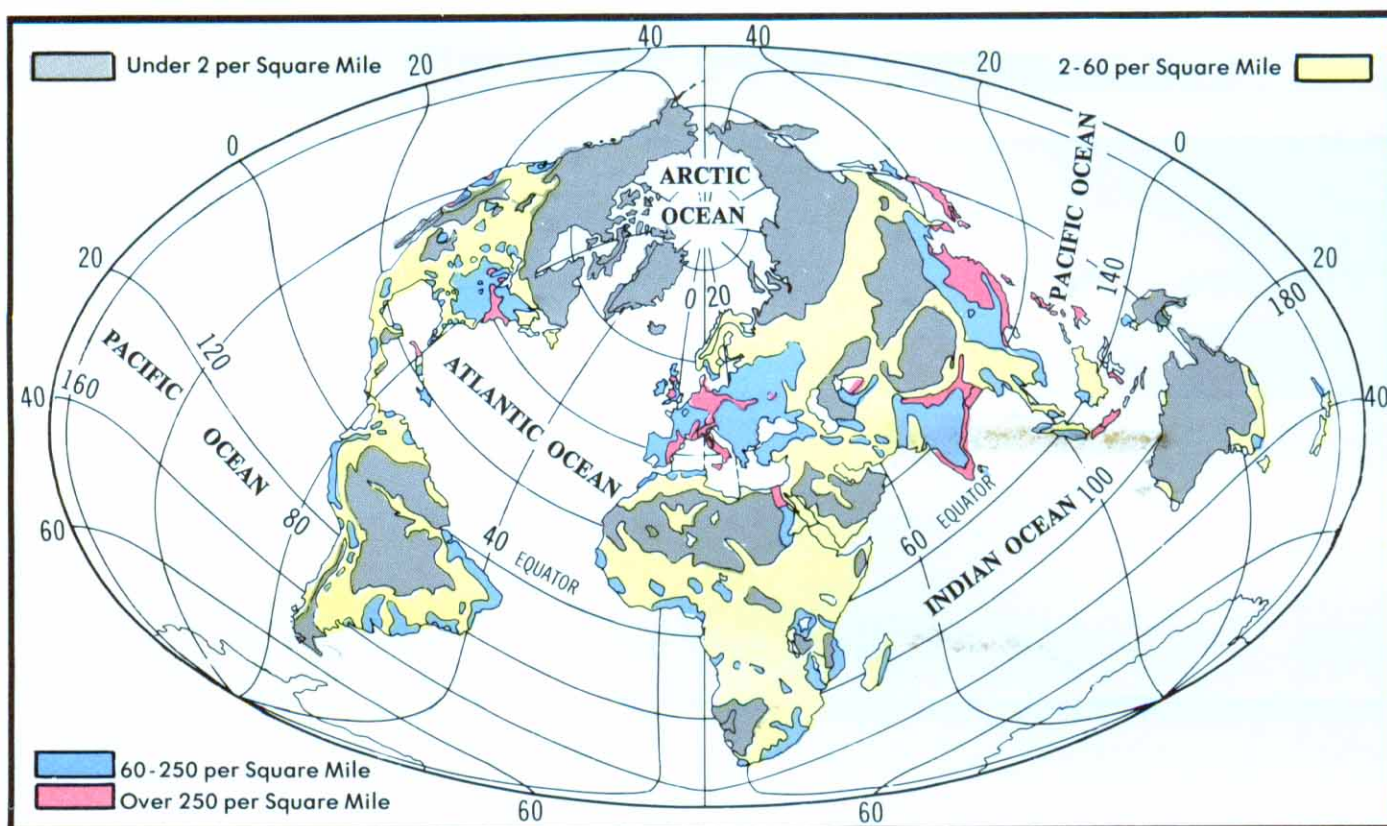


The Earth In Space

Planet	Distance from Sun (Millions of Miles)
MERCURY	36
MARS	142
JUPITER	483
SATURN	886
URANUS	1783
NEPTUNE	2794
PLUTO	3670
SUN	0
VENUS	67
EARTH	93

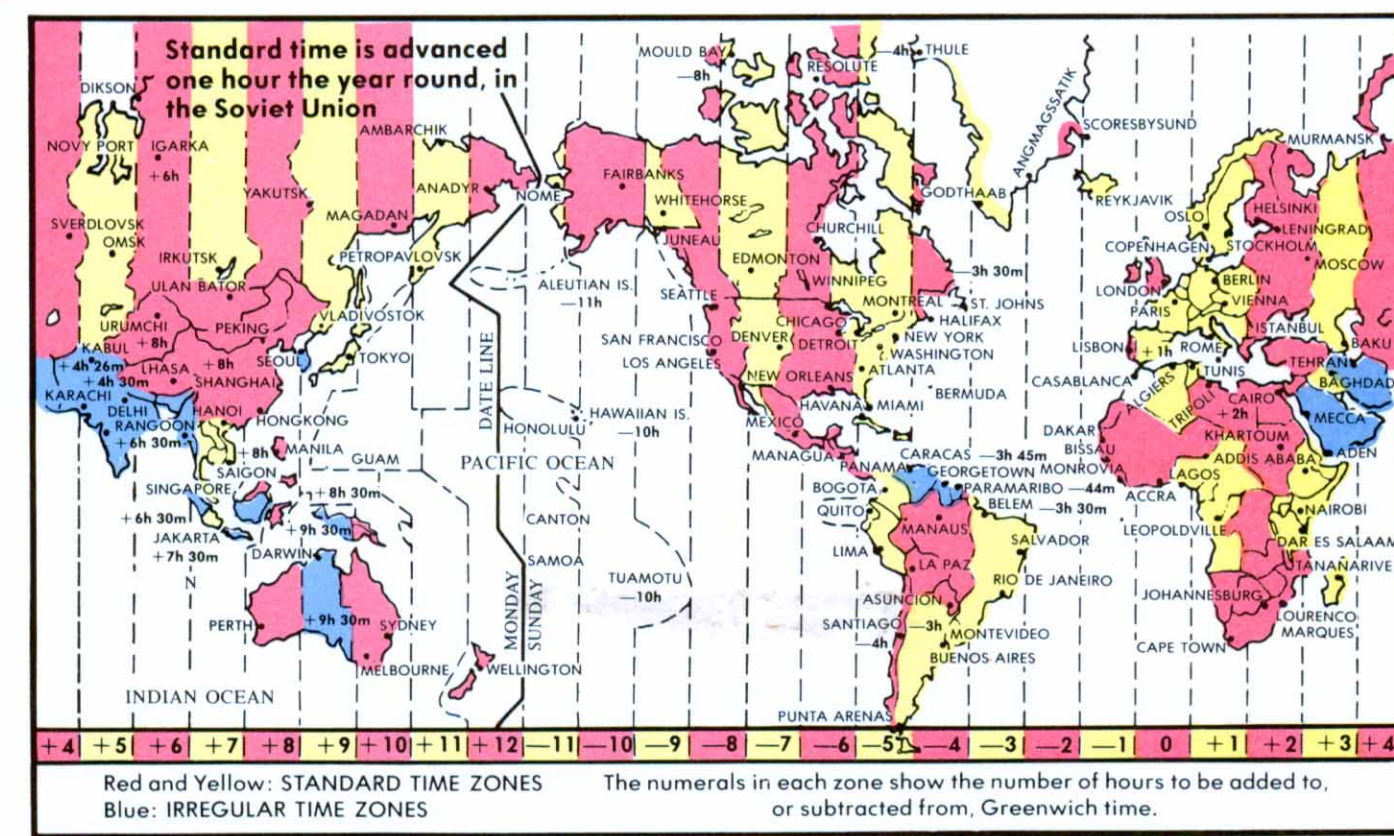
SIDEREAL PERIOD OF REVOLUTION

MERCURY	88 Days
VENUS	225 Days
EARTH	365 1/4 Days
MARS	687 Days
JUPITER	12 Years
SATURN	29 Years
URANUS	84 Years
NEPTUNE	165 Years
PLUTO	248 Years



Population Density

BRIESEMEISTER ELLIPTICAL EQUAL-AREA PROJECTION
BRIESEMEISTER PROJECTION COURTESY OF THE AMERICAN GEOGRAPHICAL SOCIETY



International Time Zones
MERCATOR PROJECTION