



**Chicxulub and Chesapeake impact ring structures (proposed), crustal physiography showing-floor spreading lineaments, NASA GPS horizontal plate-motion vectors, historical earthquake seismic zones (north of 20° latitude and east of 105° longitude) based on USGS NEIC database, and known impact locations, North and Central America regions.**

Base image from the USGS Coastal and Marine InfoBank Atlas: <http://walrus.wr.usgs.gov/infobank/gazette/html/regions/gl.html>  
 Earthquake seismic zones: orange - 0.002 to 0.006 earthquakes/ sq km. Densities in the New Madrid seismic zone (NMSz) range between 0.006 to 0.017 earthquakes/ sq km. Refer to F9 for key to other map symbols..