



Explanation
Earthquake Epicenters
(by estimated body wave magnitude, Emb)
EPRI Catalog Main Events (1627 - 1984)
Eastern US seismicity (1985 - 2005)

	3.11 - 3.49		3.00 - 3.49
	3.50 - 3.99		3.49 - 3.99
	4.00 - 4.49		
	4.50 - 4.99		

Faults
Paleozoic
Cenozoic
Mesozoic fault
Cenozoic fault (Prowell, 1983)

Lithotectonic Units (Hibbard et al. 2006)
 Plutonic rocks of unknown origin (felsic)
 Plutonic rocks of unknown origin (mafic)
 Mesozoic rift basins
 Carboniferous to Permian plutonic rocks (felsic)
 Middle Devonian Carboniferous plutonic rocks
 Silurian and Devonian sedimentary and plutonic rocks (felsic)
 Silurian and Devonian sedimentary and plutonic rocks (mafic)
 Middle Ordovician to Lower Silurian plutonic rocks
 Neoproterozoic to Cambrian metavolcanic rocks
 Intrusive, felsic
 Intrusive, mafic
 Volcanic, felsic
 Volcanic, mafic
 Neoproterozoic to Lower Paleozoic magmatic sequences
 Intrusive, mafic
 Volcanic, felsic
 Neoproterozoic to Lower Paleozoic metasediments
 Neoproterozoic to Lower Paleozoic metasedimentary rocks
 Lower to Middle Ordovician metamorphic rocks
 Intrusive, felsic
 Neoproterozoic to Lower Paleozoic clastic metasedimentary rocks
 Lower Paleozoic passive margin sequence
 Proterozoic magmatic and sedimentary rocks
 Proterozoic Grenville basement
 Orthogneiss