

Geol 102 Historical Geology
The Geologic Timescale 2008

EON	ERA	PERIOD (Special Units)	EPOCH	Range (Ma)
Phanerozoic	Cenozoic	Quaternary	Holocene	0.011784 - now
			Pleistocene	2.588 - 0.0118
		Neogene	Pliocene	5.3 - 2.588
			Miocene	23.0 - 5.3
		Paleogene	Oligocene	33.9 - 23.0
			Eocene	55.8 - 33.9
			Paleocene	65.5 - 55.8
			Mesozoic	Cretaceous
		Jurassic		199.6 - 145.5
	Triassic	251.0 - 199.6		
	Paleozoic	Permian	299.0 - 251.0	
		Carboniferous	Pennsylvanian Sub-period	318.1 - 299.0
			Mississippian Sub-period	359.2 - 318.1
		Devonian	416.0 - 359.2	
		Silurian	443.7 - 416.0	
		Ordovician	488.3 - 443.7	
		Cambrian	542.0 - 488.3	
Proterozoic		Neoproterozoic	Ediacaran	635 - 542
	Cryogenian		850 - 635	
	Tonian		1000 - 850	
	Mesoproterozoic	Stennian	1200 - 1000	
		Ectasian	1400 - 1200	
		Calymmian	1600 - 1400	
	Paleoproterozoic	Statherian	1800 - 1600	
		Orosirian	2050 - 1800	
		Rhyacian	2300 - 2050	
		Siderian	2500 - 2300	
	Archean	Neoarchean	2800 - 2500	
Mesoarchean		3200 - 2800		
Paleoarchean		3600 - 3200		
Eoarchean		4030 - 3600		
Hadean		4567 - 4030		

Geochronology primarily derived from Overview of Global Boundary Stratotype Sections and Points (GSSP's)

<http://www.stratigraphy.org/gssp.htm>

13-May-08