

Geol 102 Historical Geology  
The Geologic Timescale 2012

EON	ERA	PERIOD (Special Units)	EPOCH	Range (Ma)
Phanerozoic	Cenozoic	Quaternary	Holocene	0.011700 - now
			Pleistocene	2.588 - 0.0117
		Neogene	Pliocene	5.332 - 2.588
			Miocene	23.03 - 5.332
		Paleogene	Oligocene	33.9 - 23.03
			Eocene	56.0 - 33.9
			Paleocene	66.0 - 56.0
		Mesozoic	Cretaceous	145.0 - 66.0
			Jurassic	201.3 - 145.0
	Triassic		252.2 - 201.3	
	Paleozoic	Permian	298.9 - 252.2	
		Carboniferous	Pennsylvanian Sub-period	323.2 - 298.9
			Mississippian Sub-period	358.9 - 323.2
		Devonian	419.2 - 358.9	
		Silurian	443.8 - 419.2	
		Ordovician	485.4 - 443.8	
		Cambrian	541.0 - 485.4	
Proterozoic		Neoproterozoic	Ediacaran	635 - 541
	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)  
<https://engineering.purdue.edu/Stratigraphy/gssp/index.php?parentid=all>