

Geol 102 Historical Geology
The Geologic Timescale 2024

EON	ERA	PERIOD (Special Units)	EPOCH	Range (Ma)
Phanerozoic	Cenozoic	Quaternary	Holocene	0.011784 - now
			Pleistocene	2.58 - 0.011784
		Neogene	Pliocene	5.333 - 2.58
			Miocene	23.04 - 5.333
			Paleogene	Oligocene
		Eocene		56.00 - 33.9
		Paleocene		66.00 - 56.00
		Mesozoic	Cretaceous	143.1 - 66.00
			Jurassic	201.4 - 143.1
	Triassic		251.902 - 201.4	
	Paleozoic	Permian	298.9 - 251.902	
		Carboniferous	Pennsylvanian Sub-period	323.4 - 298.9
			Mississippian Sub-period	358.86 - 323.4
		Devonian	419.62 - 358.86	
		Silurian	443.1 - 419.62	
		Ordovician	486.85 - 443.1	
		Cambrian	538.8 - 486.85	
Proterozoic		Neoproterozoic	Ediacaran	635 - 538.8
	Cryogenian		720 - 635	
	Tonian		1000 - 720	
	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	4031 - 3600		
Hadean		4567 - 4031		

Geochronology primarily derived from Overview of Global Boundary Stratotype Sections and Points (GSSP's)
<https://stratigraphy.org/gssps/>