

Geologic Time Scale															
Eon	Era	Period (system)	Subperiod	Epoch (series)	Subepoch	Age (stage)	Start		Duration						
PHANEROZOIC, PH	CENOZOIC, PH	QUATERNARY, Q		Holocene	Late H3	Meghalayan	0,0042	0,0042	0,0117	2,580					
					Mid H2	Northgrippian	0,0082	0,004							
					Early H1	Greenlandian	0,0117	0,0035							
				Pleistocene	Late P3	Stage 4, Taramian, Senegalese	0,080	0,1173	2,5683	2,580					
					Mid P2	Chibanian	0,129								
					Early P1	Ionian	0,260	0,645							
						Sicilian	0,774	0,780							
						Calabrian, Emilian	1,22								
					Neogene, N	Pliocene	Late P12	Piacenzian, Asian, Redonian			1,50	1,02	2,753		
			Early P11	Zanclean, Tabrianian, Dacian			2,58								
			Miocene	Messinian			5,333	1,733							
				Tortonian		7,248	1,913								
						10,3	4,384								
						11,63	2,19								
				Serravalian		13,82									
				Langhian		15,98	2,16								
			Burdigalian	20,45		4,47									
			Aquitanian	23,04	2,59	17,707	20,48								
		TERTIARY	Paleogene, Pg	Oligocene, Midwayan	Late O2	Chattian, Chicksanhayen	27,30	4,26	10,88						
					Early O1	Rupelian, Stampian, Tongrian, Latdoifian, Vicksburgian	30,05	33,9							
					Eocene, Clairbomean	Priabonian	37,71	3,81	22,1						
						Bartonian	41,03	3,32							
						Lutetian	45,4	7,04							
						Early E1	Ypresian	48,07			50,5				
				Paleocene Pc			55,5	7,93							
							55,0	3,24							
					Late P3	Thanetian	57,0								
				Mid P2	Selandian	59,24	61,66	2,42							
				Early P1	Danian	62,5	88,0	4,34	10	42,96					
				MESOZOIC, PH	CRETACEOUS, K	Late K2, Gulfian, Austinian, Eagle Fordian	Senonian	Maastrichtian	Rognacian	65,0	6,2	34,5			
									Beudantic	72,2					
								Campanian	Furvellian	77,0	11,4				
								Taylorian	Valdonian	83,8					
								Santonian		85,7	2,1				
							Coniacian		89,8	4,1					
							Jurassic		93,9	4,1					
	Cenomanian	Woodburian	100,5				6,6								
	Early K1, Durango	Gallic, Trinitian, Nuevo Leonian	Albian				Fredensborgian, Gault	113,2	12,7	42,8	77,1				
			Aptian				Urgonian	121,4	8,2						
			Barremian				125,77	4,4							
			Hauterivian				132,6	6,8							
			Valanginian				137,05	4,45							
			Berriasian			Ryzanian	142,0	4,95							
						Volgian	Portlandian	143,1	1,1						
	JURASSIC, J	Late J3, Middle J2, Early J1	Malm, Montanian			Thirionian		149,2	6,1	18,4					
								154,8	5,8						
					Oxfordian		161,5	6,7							
					Callovian	Dreusian	165,3	3,8							
					Bathonian		168,2	2,9							
			Dogger		Bajocian		170,9	2,7	13,2						
					Aalenian		174,7	3,8							
					Toarcian		184,2	9,5							
					Pliensbachian	Chamouthian	192,9	8,7							
					Sinemurian	Lotharingian	199,5	6,6							
	Hettangian		201,4		1,9	26,7	58,3								
	TRIASSIC, T	Late T3, Keuper, Mid T2, Muschelkalk, Early T1, Buntsandstein, Bellerophon	Rhaetian				205,7	4,3	35,6						
					Norian			215,0							
								222,0							
								227,3			21,6				
					Camian			233,0							
								237,0			9,7				
			Ladinian, Falcianian					240,0							
							241,46	4,46	9,7						
					Anisian			243,0							
							244,0								
							245,5								
							246,7	5,24							
			Olenekian, Yongningzhenian			248,5		8,2			24,5				
						249,9	3,2								
						250,4									
				Induan, Feixianguanian			251,90								
							254,14		2,24						
					PERMIAN, P	Late P2, Thuringian, Guadalupian, Biamian	Lopingian, Late Tatarian, Zechstein		Changhsingian	Dorashanian, Ilyasbekian		254,14	2,24	7,61	47,0
	Wuchiapingian, Diulifan, Longtanian, Rustenbergian, Salsedean, I	Sverdrupian	259,51	5,37											
	Capitanian, Early Tatarian		264,28	4,77											
	Wordian		266,90	2,62											
	Roadian		274,40	7,5											
	Early P1	Kungurianshan, Fapovian	Ufimian	283,3			8,9	24,5							
		Artinskian, Barendzinian, Akashtinian		290,1			6,8								
		Sakmarian	Stefitamakian, Tashubian	293,52			3,42								
		Asselian, Krummian	Ukhanian, Suranian	298,0			5,38								
				300,5			1,6								
				303,7			3,2								
	CARBON, C	Late C2, Pennsylvanian, Silesian	Late Pn	Kazimovian			Dorogomilovskian	305,0	1,3	8,2	24,5				
							Chamovnicheskian	306,0	1						
							Krevyakinian	307,0	1						
							Mvachkovskian	308,0	1						
				Mid Pn			Moscovian	Podolskian	310,0			2			
							Bolshevik	Kashinkian	313,0			3			
			Early Pn		Vereiskian	315,2	2,2	16,4	35,46						
					Melekeshtian, Dudmanian	316,5	1,3								
					Cheremshanskian, Langsett	318,0	1,5								
					Yeadonian	319,0	1								
					Maudenian	321,0	2								
					Kindencoushan	323,4	2,4								
	DEVON, D	Late D3, Middle D2, Early D1	Late Ms	Serozhkovian		324,5	1,1	6,9	35,46						
					Chokierian	Elvirian	325,0			0,5					
					Ambergian		326,0			1					
				Pendleian		330,3	4,3								
Mid Ms						333,0	2,7								
						336,0	3								
					337,5	1,5									
					339,0	1,5									
					341,0	2									
					346,7	5,7									
SILURIAN, S			Late S2, Early S1	Famennian			348,0	1,3	12,18	35,46					
							358,88	10,88							
					365,0										
					374,0										
					372,15	13,29									
					382,31	10,16									
	Givetian				387,95	5,64									
					393,47	5,52									
					410,62	17,15									
					413,02	2,4									
					419,62	6,6									
					422,7	3,08									
ORDOVICIAN, O	Late O3, Balan	Pridoli			425,0	2,3	7,08	23,48							
					426,7	1,7									
					429,0										
					430,6	3,9									
					432,0	2,3									
					438,8	5,7									
		Katian			439,5										
					440,5	1,9									
					443,1	2,6									
					445,2	2,1									
					446,5										
					447,5										
CAMBRIAN, C	Late C3, Meconeth, Croixian, Potsdamian	Sandbian			449,0		15,1	43,75							
					452,0										
					452,8	7,6									
					454,0										
					454,5										
					455,0										
		Mid O2, Dyled			456,0										
					457,0										
					458,2	5,4									
					464,0										
					469,4	11,2									
					471,3	1,9									
PROTEROZOIC, PR	Late C3, Meconeth, Croixian, Potsdamian	Furongian			473,5		15,55	43,75							
					475,0										
					477,1	5,8									
					483,0										
					486,85	9,75									
					487,0										
		Miaolingian			491,0	4,15									
					492,5										
					493,0										
					494,2	3,2									
					497,0	2,8									
					500,5	3,5									
NEOARCHAIC, NE	Late C3, Meconeth, Croixian, Potsdamian	Guzhangian			504,5	4	9,5								
					506,5	2									
					514,5	8									
					518,5										
					521,0	6,5									
					524,5										
		Series 2, Yakutian			529,0	8									
					538,8	9,8									
					570	31,2									
					635	65									
					640	5									
					650	10									
ARCHEAN, AR	Late C3, Meconeth, Croixian, Potsdamian	Ediacarian			720	70	461,2	800							
					1 000	280									
					1 200	200									
					1 375										
					1 400	200									
					1 600	200									
		Vendian			1 800	200									
					2 050	250									
					2 225	175									
					2 300	75									
					2 500	200									
					2 500	200									
MESOARCHAIC, ME	Late C3, Meconeth, Croixian, Potsdamian	Neoarchean			2 800	300	300								
					3 000	200									
					3 200	200									
					3 500	300									
					3 600	100									
					3 810										
		Mesoarchean			4 031	431	431	1531							
					4 200	169									
					4 280	80									
					4 404	124									
					4 450	46									
					4 560	110									
PALEOARCHAIC, PA	Late C3, Meconeth, Croixian, Potsdamian	Hadaean			4 567	7	163	536							
					4 567										
					4 630	63									
					4 680	50									
					13200	8520									
					13550	350									
		Eoarchean			13600	50									
					13750	150									
					13750	200									
					13750	200									
					13750	200									
					13750	200									
EON	Late C3, Meconeth, Croixian, Potsdamian	Proterozoic			13750	200									
					13750	200									
					13750	200									
					13750	200									
					13750	200									
					13750	200									
		Eoarchean			13750	200									
					13750	200									
					13750	200									
					13750	200									
					13750	200									
					13750	200									