

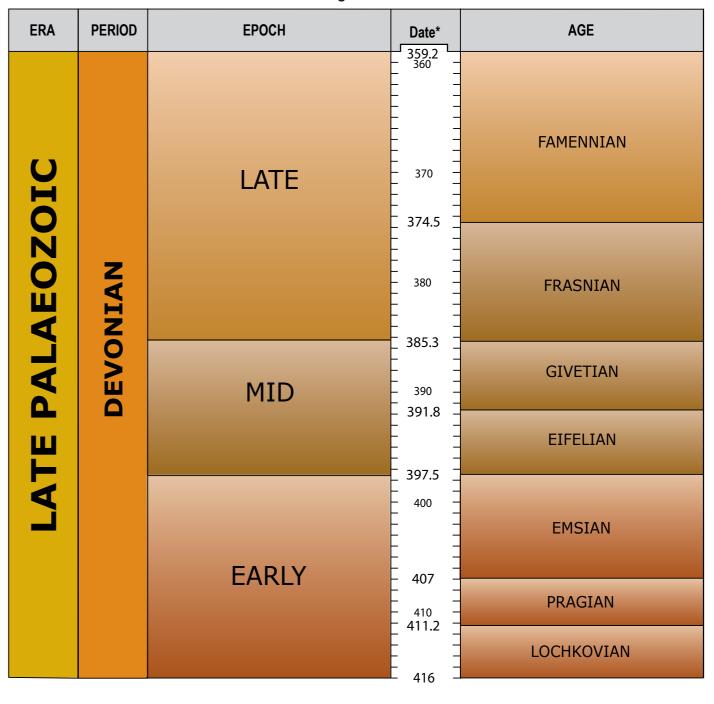
ERA	PERIOD	EPOCH	Date*	AGE	
	NEOGENE	PLIOCENE PLIOCENE MIOCENE	L 2.6	PIACENZIAN (Waltonian)** ZANCLIAN MESSINIAN TORTONIAN SERRAVALLIAN LANGHIAN BURDIGALIAN	
O I	Z		20.4	AQUITANIAN	
0		OLIGOCENE	28.4 = 30 = = = = = = = = = = = = = = = = =	RUPELIAN	
	ENE		37.2 =	PRIABONIAN BARTONIAN	
ш	AEOGI	EOCENE	M	LUTETIAN	
	PAL		= 50 = = = = = = = = = = = = = = = = = =	YPRESIAN	
		PALEOCENE	L 58.7 — 60 — 61.7 —	THANETIAN SELANDIAN DANIAN	
N O N	PALAEOGENE		33.9 L 37.2 40.4 M 48.6 50 E 55.8 L 55.8 L 58.7 M 60	PRIABONIAN BARTONIAN LUTETIAN YPRESIAN THANETIAN	

ERA	PERIOD	EPOCH Date*		AGE
			_	MAASTRICHTIAN
		LATE		CAMPANIAN
			_ 05.5 _ _ 85.8 _	SANTONIAN
O				CONIACIAN
H	S		- 89.3 	TURONIAN
0	EOU		 	CENOMANIAN
MESOZOIC	CRETACEOUS	EARLY	99.6	ALBIAN
			120	APTIAN
			 	BARREMIAN
			- 130 - 	HAUTERIVIAN
			136.4 _ - 140.2 _	VALANGINIAN
			_ 140.2 _ _ 145.5	BERRIASIAN

ERA	PERIOD	EPOCH	Date*	AGE	
		LATE	145.5	TITHONIAN	
				KIMMERIDGIAN	
				OXFORDIAN	
IC		MID		CALLOVIAN	
0			164.7 - 167.7 - 170 - 171.6 -	BATHONIAN	
Z	JURASSIC			BAJOCIAN	
0			- 171.0 - - - 175.6 -	AALENIAN	
E S (EARLY	- 173.0 - - 183 -	TOARCIAN	
Σ			- - - - - - - - - - - - - - - - - - -	PLIENSBACHIAN	
				SINEMURIAN	
			196.5 <u> </u>	HETTANGIAN	

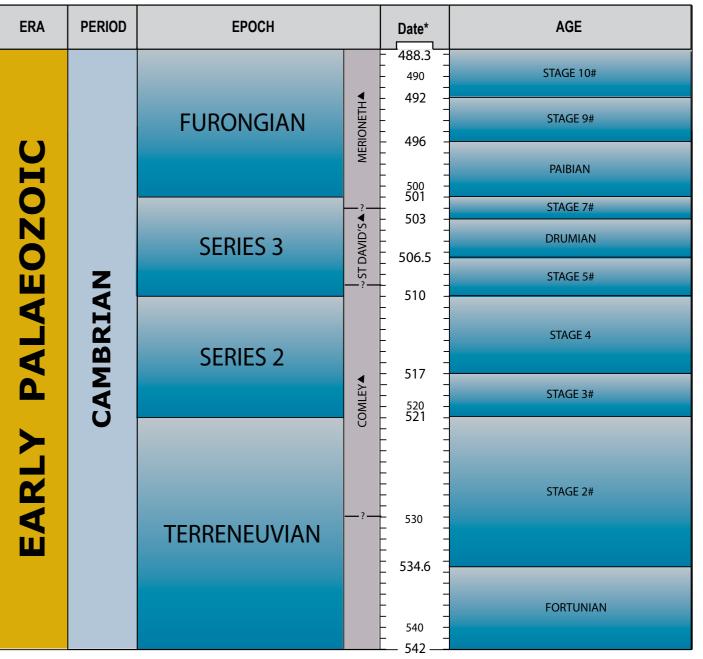
ERA	PERIOD	EPOCH	Date*	AGE
I C	TRIASSIC	LATE	199.6 - - - 203.6 - - - - - - 210 - - - - - - - 210 - - - - - - - - - - - - - - - - - - -	RHAETIAN NORIAN
0 2 0			220 -	CARNIAN
Z E		MID	237	LADINIAN
			- 240 - 240 - 245 -	ANISIAN
		EARLY	249.7	OLENEKIAN INDUAN
O	PERMIAN	LOPINGIAN	- 251 - - 253.8 - - 256 -	CHANGHSINGIAN WUCHIAPINGIAN
OZOI		GUADALUPIAN	- 260.4	CAPITANIAN WORDIAN ROADIAN
PALAEOZOIC		PERMIAN		KUNGURIAN ARTINSKIAN
LATE		CISURALIAN	284.4 =	SAKMARIAN
		w.bgs.ac.uk/discoveringGeology	294.6	ASSELIAN echart/home html

BGS Geological Timechart							
ERA	PERIOD	SERIES		STAGE	REGIONAL STAGE	Date*	REGIONAL SUBSTAGE
		PENNSYLVANIAN	LATE	GZHELIAN	CTEDIANIAN	_ 300 _ 	
				KASIMOVIAN	STEPHANIAN	_ 303.9 _ _	
			MID	MOSCOVIAN	WESTPH- ALIAN	- 310 - - 311.7 -	WESTPHALIAN D BOLSOVIAN DUCKMANTIAN
OIC		PENN	EARLY	BASHKIRIAN		 	LANGSETTIAN YEADONIAN MARSDENIAN KINDERSCOUTIAN ALPORTIAN CHOKTERIAN
)Z(SNO		ISSIPPIAN MID	NAMURIAN SERPUKHOVIAN	NAMURIAN	318.1 <u>-</u> 320 -	ARNSBERGIAN
PALAEOZ	CARBONIFERO						PENDLEIAN
A				VISEAN		 - 330 -	BRIGANTIAN
A						 	ASBIAN
LATE P.						 	HOLKERIAN
							ARUNDIAN
							CHADIAN
				TOURNAISIAN		350 -	COURCEYAN
						 - 359.2 -	

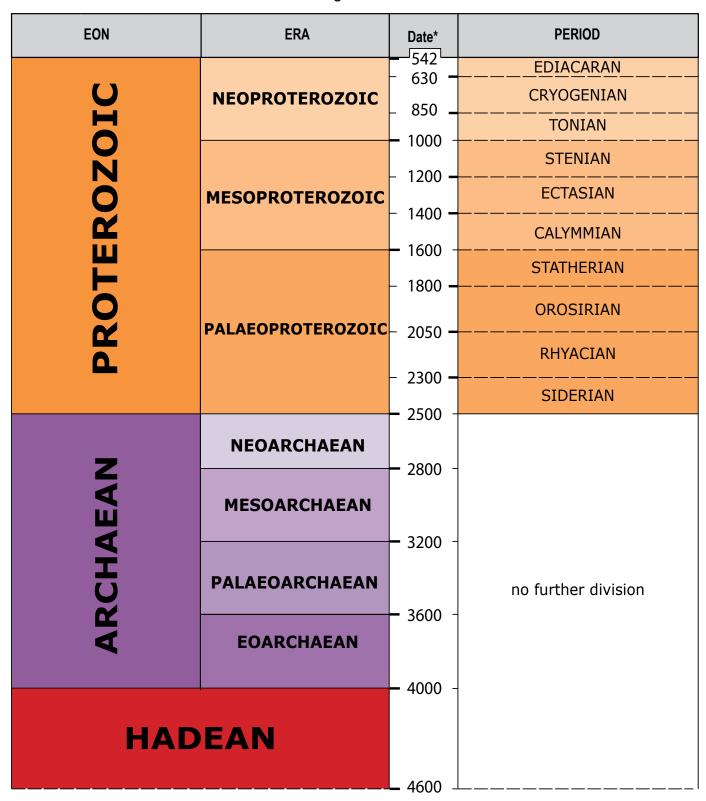


ERA	PERIOD	EPOCH	Date*	AGE		
EARLY PALAEOZOIC	AN	LUDLOW WENLOCK	416 419 420 423 423 430 430 4440 4440 4440	LUDFORDIAN** GORSTIAN** HOMERIAN** SHEINWOODIAN**		
	SILURIAN	LLANDOVERY		TELYCHIAN** AERONIAN** RHUDDANIAN**		
	ORDOVICIAN	LATE	445.6 - 449 - 455.8 - 460.9 -	ASHGILL A CARADOC A	HIRNANTIAN KATIAN SANDBIAN	
		MID		LLANVIRN A	DARRIWILIAN DAPINGIAN	
		EARLY	471.8 - - - - - - - - 478.6 - - 480 -	ARENIG ▲	FLOIAN	
		LAKLI	488.3	TREMADOC▲	TREMADOCIAN	

▲ Regional epochs/series



[▲] Regional epochs/series



^{*}Dates (in millions of years before present) follow Cowie and Bassett, 1989. The 'Precambrian' is not used here, although it is often in use informally. Geochronologically the Archaean and Proterozoic are more useful.