

GEOLOGIC TIME SCALE

SCALE: 1 mm = 10 years; and 1 football field = 1 million years

Map scale
1.9 cm = 5 mi

years ago	cm	Meters	football field	km	miles	Begin. of	First...	~mya	miles	cm
10 yrs										
100 yrs	1 cm									
1000 yrs	10 cm									
10 000 yrs	100 cm	1 M	1 yard			Holocene (11k)				
100 000 yrs	1000 cm	10 M	10 yards							
1 million yrs		100 M	1 football field							
1.8 mya			1.8 fbf	0.18	0.108	Pleistocene				
5.3 mya			5.3 fbf	0.53	0.318	Pliocene				
10 mya		1000 M	10 fbf	1	0.6					
23 mya		2300	23	2.3	1.38	Miocene				
34 mya		3400	34	3.4	2.04	Oligocene				
56 mya		5600	56	5.6	3.36	Eocene		50	3	1.14
65 mya		6500	65 fbf	6.5	3.9	Paleocene	CENOZOIC			
146 mya			146 fbf	14.6	8.76	Cretaceous				
200			200 fbf	20	12	Jurassic				3.42
251				25.1	15.1	Triassic	MESOZOIC			5.016
299				29.9	17.94	Permian				0
318				31.8	19.08	Pennsylvanian				7.068
359				35.9	21.54	Mississippian				7.296
416				41.6	24.96	Devonian				8.322
444				44.4	26.64	Silurian				10.032
488				48.8	29.28	Ordovician				0
542		54,200	542 fbf	54.2	32.5	Cambrian	PALEOZOIC			11.4
635				63.5	38.1	Ediacara				12.3576
850				85	51	Cryogenium				
3800				380	228	Life				
4600				460	276	Earth formed				
13700				1370	822					

Rept.- Bird Transition started ~ 225 mya <http://www.talkorigins.org/faqs/faq-transitional/part1b.html>

Rept.- Mammal Transition started ~ 320 mya <http://www.talkorigins.org/faqs/faq-transitional/part1b.html>

Amphib.-Rept. Transition started ~ 310 mya <http://www.talkorigins.org/faqs/faq-transitional/part1b.html>

Fish - Amphib. Transition started ~ 400 mya <http://www.talkorigins.org/faqs/faq-transitional/part1a.html>