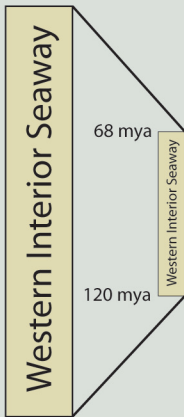
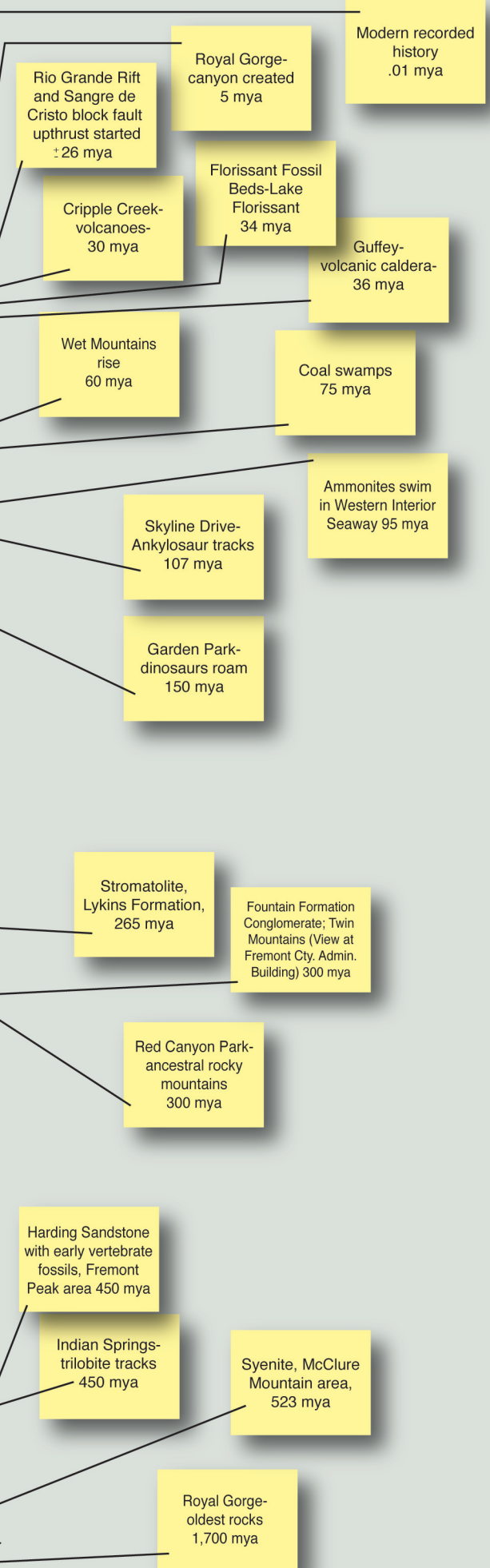


# Fremont County Geological Timescale



EONOTHEM / EON	ERATHEM / ERA	SYSTEM SUBSYSTEM / PERIOD/SUBPERIOD	SERIES / EPOCH	Age estimates of boundaries in megannum (Ma) unless otherwise noted	
Phanerozoic	Cenozoic (Cz)	Quaternary (Q)	Holocene	11,700 ±99 yr	
			Pleistocene		
		Tertiary (T)	Neogene (N)	Pliocene	2.588
				Miocene	5.332 ±0.005
			Paleogene (Pg)	Oligocene	23.03 ±0.05
		Eocene		33.9 ±0.1	
		Paleocene		55.8 ±0.2	
				65.5 ±0.3	
		Mesozoic (Mz)	Cretaceous (K)	Upper / Late	
				Lower / Early	99.6 ±0.9
	Jurassic (J)		Upper / Late	145.5 ±4.0	
			Middle	161.2 ±4.0	
			Lower / Early	175.6 ±2.0	
	Triassic (Tr)		Upper / Late	199.6 ±0.6	
			Middle	228.7 ±2.0	
			Lower / Early	245.0 ±1.5	
	Permian (P)		Lopingian	251.0 ±0.4	
			Guadalupian	260.4 ±0.7	
		Cisuralian	270.6 ±0.7		
	Paleozoic (Pz)	Carboniferous (C)	Pennsylvanian (P)	Upper / Late	299.0 ±0.8
Middle				307.2 ±1.0	
Lower / Early			311.7 ±1.1		
Mississippian (M)		Upper / Late	318.1 ±1.3		
		Middle	328.3 ±1.6		
		Lower / Early	345.3 ±2.1		
Devonian (D)		Upper / Late	359.2 ±2.5		
		Middle	385.3 ±2.6		
		Lower / Early	397.5 ±2.7		
Silurian (S)		Pridoli	416.0 ±2.8		
	Ludlow	418.7 ±2.7			
	Wenlock	422.9 ±2.5			
Ordovician (O)	Llandovery	428.2 ±2.3			
	Upper / Late	443.7 ±1.5			
	Middle	460.9 ±1.6			
Cambrian (C)	Lower / Early	471.8 ±1.6			
	Upper / Late	488.3 ±1.7			
	Middle	501.0 ±2.0			
	Lower / Early	513.0 ±2.0			
		542.0 ±1.0			



None of these dates are carved in stone, so to speak. There are differing schools of thought on some and geology is always advancing through research and new techniques. Dating is provided to aid general understanding of when (more or less) these important local occurrences took place in geologic time.



[www.westernpaleo.org](http://www.westernpaleo.org)



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