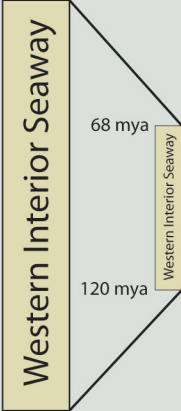
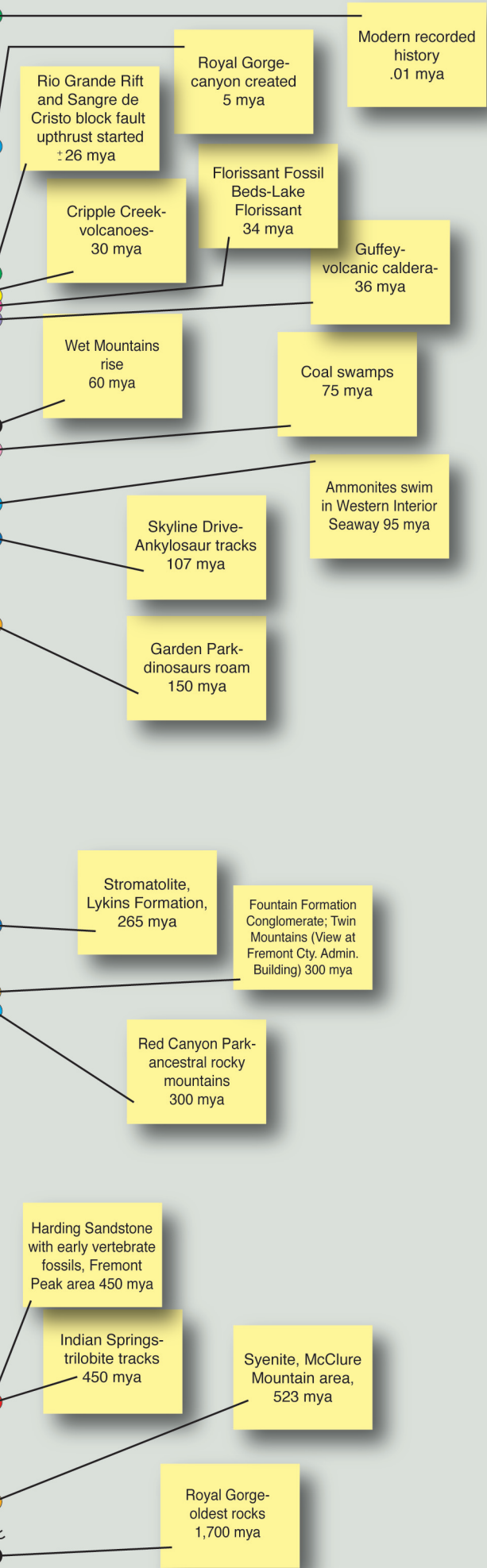


Fremont County Geological Timescale



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



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