

EON	ERA	PERIOD	EPOCH	Ma		
Phanerozoic	Cenozoic	Quaternary	Holocene	0.01		
			Pleistocene	Late	0.8	
		Early		1.8		
		Tertiary	Neogene	Pliocene	Late	3.6
					Early	5.3
				Miocene	Late	11.2
					Middle	16.4
					Early	33.7
				Oligocene	Late	28.5
			Early		33.7	
			Paleogene	Eocene	Late	41.3
					Middle	49.0
					Early	54.8
		Paleocene		Late	61.0	
	Early		65.0			
	Mesozoic	Cretaceous	Late	99.0		
			Early	144		
			Jurassic	Late	159	
				Middle	180	
		Triassic	Early	206		
			Late	227		
			Middle	242		
		Paleozoic	Permian	Late	248	
				Early	256	
			Pennsylvanian	290		
	Mississippian		323			
	Devonian		Late	354		
			Middle	370		
			Early	391		
	Silurian		Late	417		
			Early	423		
	Ordovician		Late	443		
			Middle	458		
Early			470			
Cambrian	D		490			
	C		500			
	B	512				
	A	520				
Precambrian	Proterozoic	Late	543			
		Middle	900			
		Early	1600			
	Archean	Late	2500			
		Middle	3000			
		Early	3400			
				3800?		

Glacial erosion , deposition, glacial lakes and the Champlain Sea

VT is an upland; erosion; dikes in the Champlain Valley, Mt. Ascutney, Barber Hill

Pangaea breaks apart forming the Atlantic Ocean

No rock record in VT;

Iapetus closes – Acadian Orogeny; Green Mtn arch, Barre granite, Pangaea, rocks in eastern VT

S-D unconformity – deposition of sediment

Island arc (rocks now near the CT River) collides with NA; Taconian Orogeny, C.T., nappes, ophiolites; all part of VT rock record

Iapetus begins to close – Laurentia near equator

Sediment is deposited in warm, shallow sea

Continent rifts and Iapetus Sea forms

Vermont, as we know it, does not exist