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## Geologic time chart

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This geologic time chart contrasts long-range geologic time with more recent time. Students use this diagram to learn more about the history of the formation of the earth.

GEOLOGIC TIME FRAME		NC	EUROPEAN TIME FRAME	
ERA	PERIOD	MYA	Coastal Evolution	Hundreds of Years Last Decade of the 20 <sup>th</sup> Century 2000
Cenozoic	Quaternary	1.8 67		Coastal Zone Management Act 1772 Dare County population 6,995 in 1970 Ash Wednesday Nor'easter 1962 NC population=8,049,313 Dare County 2000 population=29,967 Hurricane
Mesozoic	Cre- taceous		Development of Atlantic Ocean & Coastal Plain-Continental Shelf Provinces	NC population = 3,944,000 1949 - 1999 Dennis- 1" Bridge to OBX & paved road 1932 Floyd Flood
	Jurassic	137		NC Drainage District Law 1909 Wright Brothers 1" flight 1902 1900 Hurricane Bonnie
	Triassic	230	Pangaea Super- Continent	NC population=1,072,000** 1870
Paleozoic	Permean	285	Pan Sup Con	Oregon & Hatteras Inlets open 1846
	Carboni- ferous	350	Development of Appalachian & Piedmont Provinces	Establish State Literary Fund 1825 1 "Cape Hatteras Lighthouse 1802 1800 NC becomes 12" State 1789 Revolutionary War 1775-1776 George Washington buys a portion of Dismal Swamp 1763
	Devonian	405		
	Silurian	440		
	Ordovi- cian	500		Tuscarora Indian war 1711-1715
	Cambrian	570		Bath Incorporated 1706
Precambriam	Protero- zoic	2,400		King Charles II gave Carolina to the eight Lords Proprietors 1663
	Archaean	3,800	First Oceans	Jamestown Settlement 1607
4,600 Age of I * mya = million years ago			Age of Earth	1" colony at Roanoke Island 1585 NC population 1990 **6.628.637
http://www.census.gov/prod/2001pubs/statab/sec01.pdf				

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