

# Radioactive Dating Of 'Pre-Cambrian' Rocks

---

## Radioactive Dating Of 'Pre-Cambrian' Rocks

[www.ThreeAngels.com.au](http://www.ThreeAngels.com.au)

If Dr. Webster believes that the Pre-Cambrian rock layers represent the major rock formations laid down before the advent of life in the creation week then he and his colleagues will still have some enormous problems to face. If the Earth existed for billions of years as a lifeless planet prior to Genesis 1:3 and dry land did not appear till day three, no sedimentary rock formations could have formed prior to this. The Earth was 100 % covered with water so no streams, rivers, lakes, glaciers would have existed. No rain occurred prior to the creation week so no erosion, landslides, flooding, glaciers, sedimentation occurred in this time period.

### How Old Are Sedimentary Rocks?

According to Genesis 1:9-13 the dry land appeared on day 3 of the creation week. According to radiometric dating methods volcanic ash is up to 600 million years old (**Radiometric Dating For Geologists**, E. I. Hamilton, Interscience Publishers, London, 1968, Page 309.). How could ash these deposits form under water? They must be less than 6,000 years old



**When Did Dry Land First Appear?**

### **The Cambrian Period**



**600 Million Years Ago?**

Also if the Earth was in darkness all this time as light did not appear until day three then the surface of the Earth would have been permanently frozen as cold the South Pole in winter. All the water would have been frozen solid down to the bottom of the sea floor. No continental drift could have occurred as the dry land did not exist until day three. Also, with the overlying ice shield lying rock solid on top of the Earth's surface, it would have been very hard for any underlying continental or local rock formations to move. Furthermore since dry land did not appear until day three mountain building could not have occurred and neither could there have been lava flows in the presence of air. When lava flows underwater it forms 'pillow lava' which is quite different to 'dry air lava'.

No 'dry air lava' flows could have formed in this time period as all land was under the water. With this in mind let us see if geological data derived from radiometric dating can be fitted into the 'Primary Time Theory'. T. N. Clifford has written an excellent article documenting the geological ideas derived from radiometric dating of African rocks supposedly formed during this time period (**Radiometric Dating For Geologists**, E. I. Hamilton,

## Radioactive Dating Of 'Pre-Cambrian' Rocks

---

Interscience Publishers, London, 1968, Page 299-417.). On page 301 Clifford discusses the orogenies of several mountain ranges. Clifford then states that mountains have been forming for over 500 Million Years:

“Despite statements to the contrary (Brock, 1956, Page 153) there is no reason to suppose that orogenic deformation and mountain building processes which affected Africa during the latter half of the Pre-Cambrian and early part of the Phanerozoic (500 - 2,000 Million Years Ago) differed significantly from the processes of orogenesis in the type orogen of the Appalachians and other similar Phanerozoic orogenic zones“ (**Radiometric Dating For Geologists**, E. I. Hamilton, Interscience Publishers, London, 1968, Page 299-417.).

On page 305 he then states that erosion has been going on in Africa for over 500 Million years:

“The significance of these factors, and the special position of Africa, is clear when it is realized that the continent was not only subjected to lengthy periods of Pre-Cambrian and Phanerozoic erosion, but it has also remained largely continental since Lower Phanerozoic times.”

On page 309 a comprehensive list is made of mountain building areas in Africa and their ages:

### African Mountain Ranges

Orogeny	Age	Orogeny	Age	Orogeny	Age
Senegal	580 - 350	Madagascar	800 - 450	Somali	680 - 450
Sierra Leone	450 - 580	Zambia	800 - 450	Kenya	800 - 450
Mauritania	680 - 350	Rhodesia	800 - 450	Malawi	800 - 350
Haggar	800 - 450	Egypt	530 - 350	Congo	800 - 450
Dahomey	800 - 450	Cameroon	680 - 450	Cape	680 - 450
Central Africa	800 - 450	Uganda	450 - 580	Nigeria	800 - 350
Ethiopia	350 - 580	Tanzania	800 - 450	Angola	800 - 450

(**Radiometric Dating For Geologists**, E. I. Hamilton, Interscience Publishers, London, 1968, Page 309.)

How would these formations have come into existence if they were overlaid by 9,000 feet of solid ice? How would they have been eroded with an infinitely static climate? According to the geological time scale erosion has been going on for millions of years:

“Many of the sedimentary sequences are tens of thousands of meters thick and represent hundreds of millions of years of Pre-Cambrian time.” (**History Of The Earth**, Don L. Eicher & A Lee McAlester, Prentice Hall Publishers, 1980, Page 73.)

The Bible states that rain and erosion did not exist until Noah's flood 4,300 years ago. According to radio dating there were three different environments during the Pre-Cambrian Period - marine, dry land and coastline. According to the Bible dry land did not occur till day three of the creation week. This means that only marine environment existed prior to that.

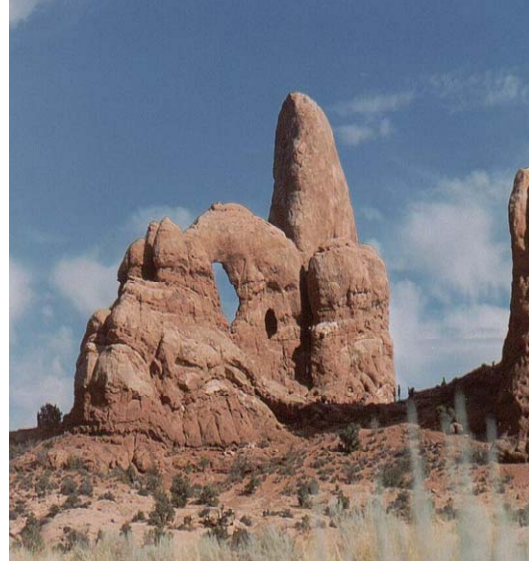
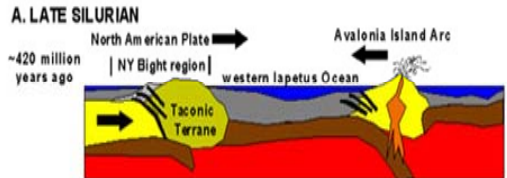
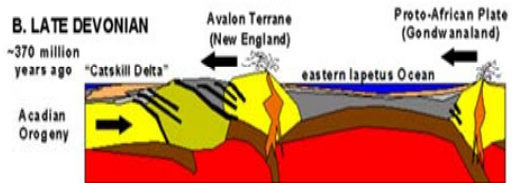
“Radiometric dating has also contributed to our understanding of the thick sequences of sedimentary rocks of Pre-Cambrian age. Although these are difficult to date directly, their ages can often be ascertained from interbedded volcanics, from igneous rocks that they overlie, and from intrusives that cut them. Late Pre-Cambrian sedimentary rocks, like Phanerozoic sedimentary rocks, exhibit a wide variety of rock types and sedimentary structures. This variety reflects a host of sedimentary environments - marine, terrestrial, and transitional.” (**History Of The Earth**, Don L. Eicher & A Lee McAlester, Prentice Hall Publishers, 1980, Page 78.).

It is obvious that radio dating methods and the Bible account cannot be reconciled in any way even though certain ones are adamant that they can be. The geological record as presented in modern texts presents rapid water currents existing million of years ago and being responsible for the formation of sedimentary deposits.

# Radioactive Dating Of 'Pre-Cambrian' Rocks

## How Old Are Mountain Ranges?

According to Genesis 1:9-13 the dry land appeared on day 3 of the creation week. According to radiometric dating methods they are up to 600 million years old (Radiometric Dating For Geologists, E. I. Hamilton, Interscience Publishers, London, 1968, Page 309.).



## Mountain Range Ages

Orogeny	Age	Orogeny	Age	Orogeny	Age
Senegal	580-360	Madagascar	800-450	Somali	680-450
Sieria Leone	460-580	Zambia	800-450	Kenya	800-450
Mauritania	680-360	Rhodesia	800-450	Malawi	800-360
Haggar	800-450	Egypt	530-360	Congo	800-450
Dahomey	800-450	Cameroon	680-450	Cape	680-450
Central Africa	800-450	Uganda	450-580	Nigeria	800-360
Ethiopia	360-580	Tanzania	800-450	Angola	800-450

## Radioactive Dating Of 'Pre-Cambrian' Rocks

If we compare Earth history from 4,000 to 500 Million years ago according to the Primary Time Theory with that of Radio-Active Dating we get vastly different stories:

### **The Primary Time Theory**

	<b>Feature</b>	<b>Primary Time</b>	<b>Radiometric Dating</b>
1	Oceans	Frozen Solid	Liquid
2	Life	None	Present
3	Light	None	Daily Sunshine
4	Soil Erosion	None	Daily
5	Mountains	None	Many Forming
6	Glaciation	None	Daily
7	Sun	None	Earth Orbiting Daily
8	Environment	One Only	Land, Oceans, Beaches
9	Dry Air Lava Flows	None	Millions Eruptions
10	Rainfall	None	Daily
11	Wind Erosion	None	Daily
12	Meteor Impacts & Craters	None - Ocean Shield	Thousands
13	Moon	None	Orbiting Earth
14	Beaches	None	Present
15	Rivers	None	Thousands
16	Daily Temp. Range	None	Varies Greatly
17	Sedimentary Rocks	None	Forming Daily
18	Volcanic Eruptions	None	Millions
19	Volcanic Ash Deposits	None	Millions
20	Continents	None	Several At Once
21	Continental Drift	None	Several At Once
22	Geological Activity	None	Every Day
23	Atmosphere	None	Oxygen, Nitrogen, etc.
24	Metamorphosis Of Rocks	None	Daily
25	Rock Types / Formations	One	Many and Varied

### **Genesis Versus Radio-Active Dating Chronology**

Compare the order of events in the Book of Genesis with those give in radioactive dating textbooks:

	<b>Genesis Chronology</b>	<b>Radio Dating Chronology</b>
1	Earth	Light
2	Darkness	Sun
3	Light	Planets
4	Day / Night	Earth
5	Dry Land	Dry Land
6	Land Plants	Darkness
7	Moon And Planets	Moon
8	Sun	Aquatic Life
9	Aquatic Life	Land Plants
10	Birds	Land Animals
11	Land Animals	Birds
12	Man	Man