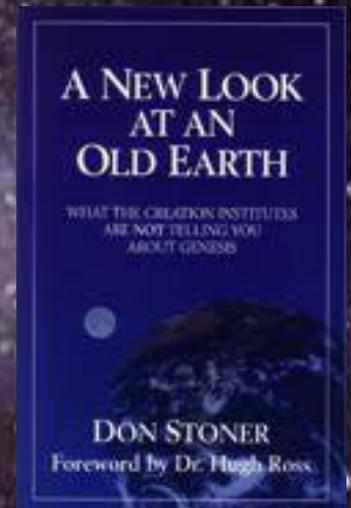


# The External Context for Genesis Chapter 1

Don Stoner



# How Old is the Earth?

4,500,000,000 Years?

10,000 Years?

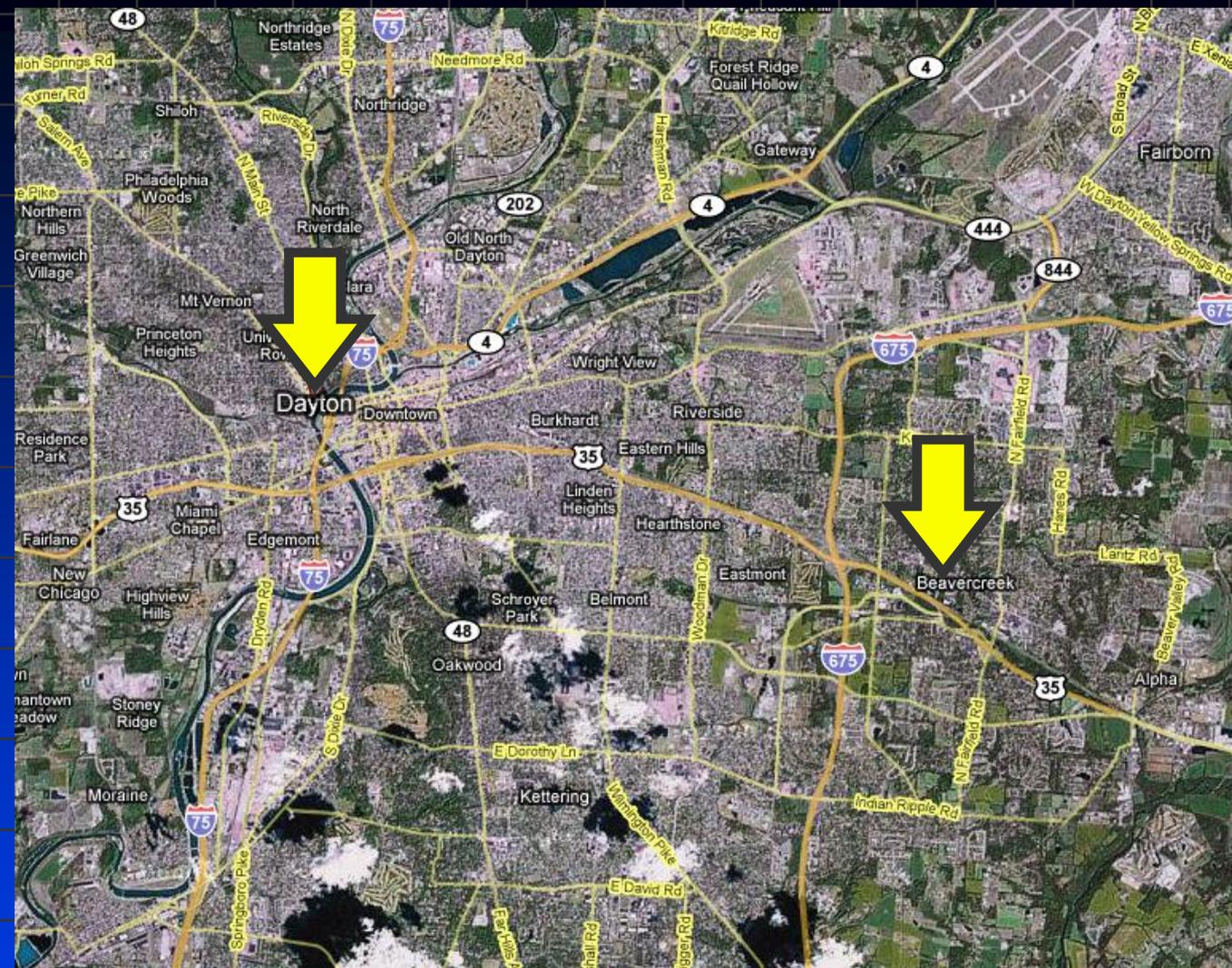
# How Old is the Earth?

4,500,000,000 Years?

10,000 Years?

$$\frac{4,500,000,000 \text{ Years}}{10,000 \text{ Years}} = 450,000$$

$$\frac{7 \text{ Miles}}{1 \text{ Inch}} = 443,520$$



↑ Inch

← 7 Miles

We really ought to be able to tell which is correct

The heavens declare the glory  
of God; and the firmament  
sheweth his handywork.

Day unto day uttereth speech,  
and night unto night sheweth  
knowledge.

- Psalm 19:1,2

**For the invisible things of him from  
The creation of the world are clearly  
seen, being understood by the things  
That are made, even his eternal power  
And Godhead; so that they are  
Without excuse.**

**- Romans 1:20**

# The Attributes of God

## Natural Attributes:

Omnipotent

Immutable

Omniscient

Eternal

Omnipresent

Invisible

Creator

## Moral Attributes:

Truthful, Faithful

Holy

Sovereign

Loving, Good

Merciful, Gracious

Just, Righteous

Wise, Patient

In hope of eternal life, which **God, that cannot lie**, promised before the world began. - Titus 1:2

God is not a man, that he should Lie. - Numbers 23:19

# A Proof Requires That Every Step Be Established



# LINK 1:



We have to  
*Understand*  
the argument

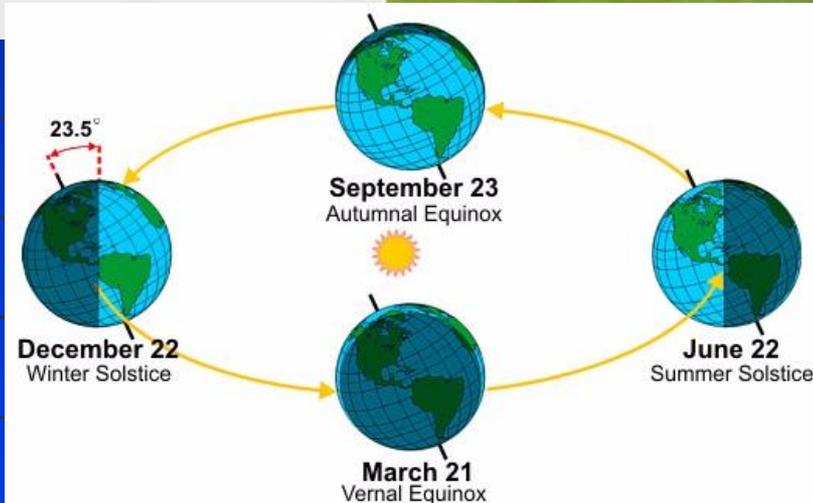
Zeal without  
*Knowledge*  
is not good  
- Romans 10:2



# Seasons:



# Seasons:



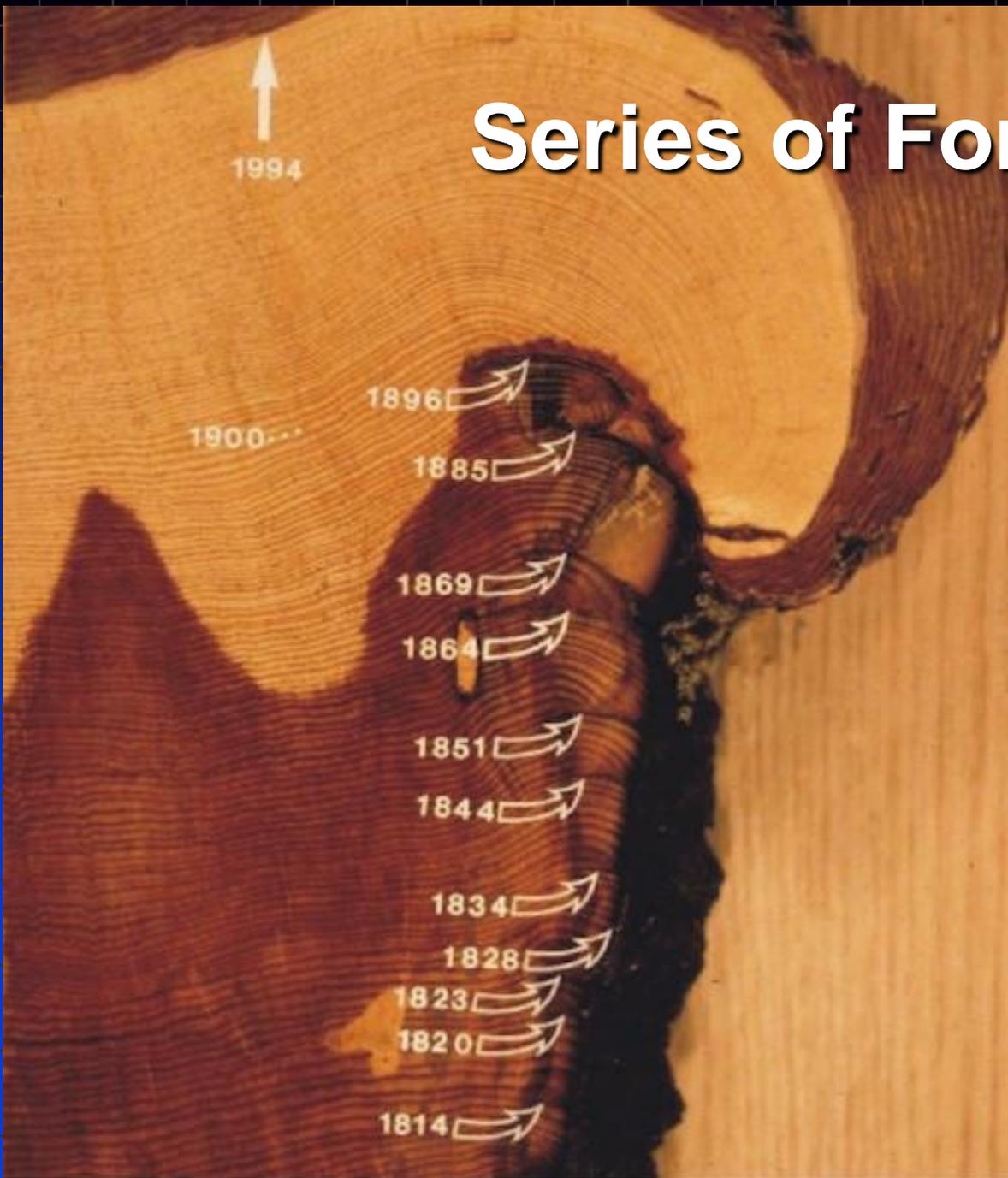
Rings are “Ticks” of the seasonal clock 12

A cross-section of a tree trunk showing concentric growth rings. The rings are light brown and dark brown, indicating different years of growth. The center of the trunk is visible, showing the pith.

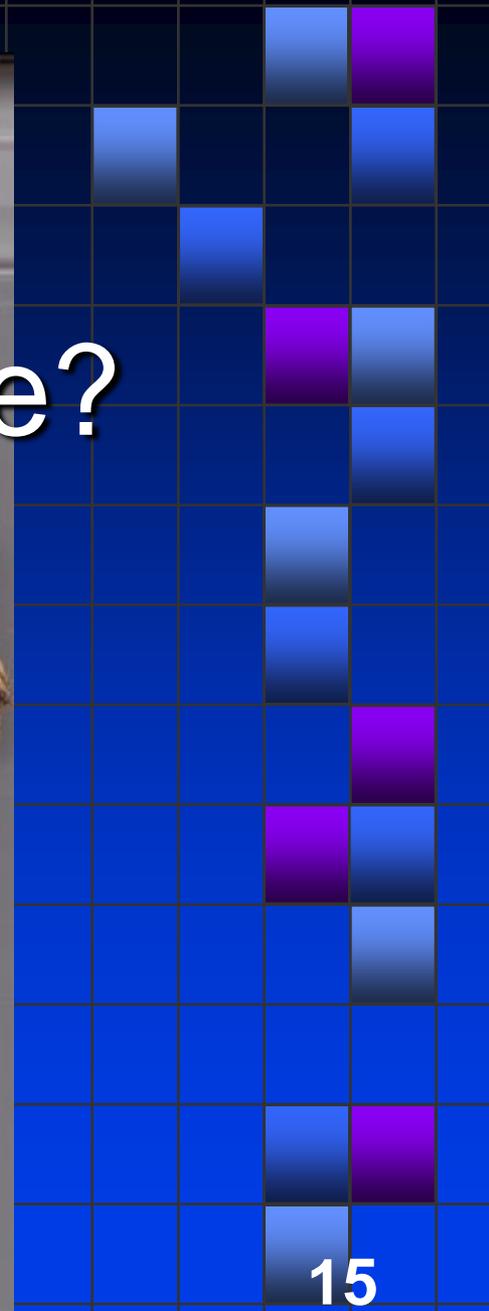
# A Tree is a Running “Tape Recorder”

## Good and Bad Years For Growing Trees

# Series of Forest Fires:



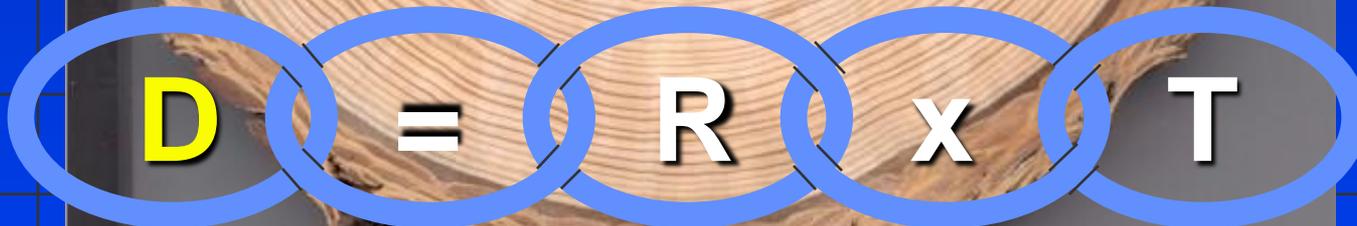
# How Old was This Tree?



# Simple Chain of Reasoning:

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$50 \text{ Rings} = 1 \text{ Ring/Year} \times 50 \text{ Years}$$



**Distance = Rate x Time**

**50 Rings = 1 Ring/Year x 50 Years**



**Miracles?**

**D**

**=**

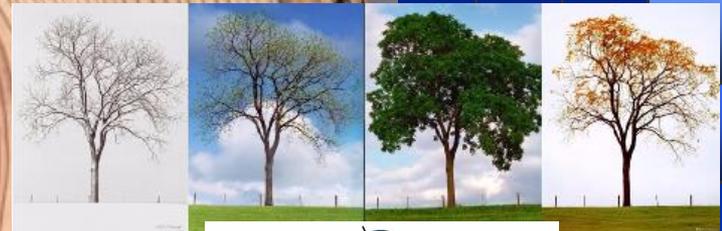
**R**

**x**

**T**

# Distance = Rate x Time

50 Rings = 1 Ring/Year x 50 Years



D

=

R

x

T

# How Much Room for Error?

**Five** Rings Per Year



One Ring in **Five** Years

**10 - 250** years

**(10 days – 10,000 years)**

**Distance = Rate x Time**

**50 Rings = 1 Ring/Year x 50 Years**

**Mathematics?**



**D**

**=**

**R**

**x**

**T**

# Distance = Rate x Time

50 Rings = 1 Ring/Year x 50 Years



= X



D

=

R

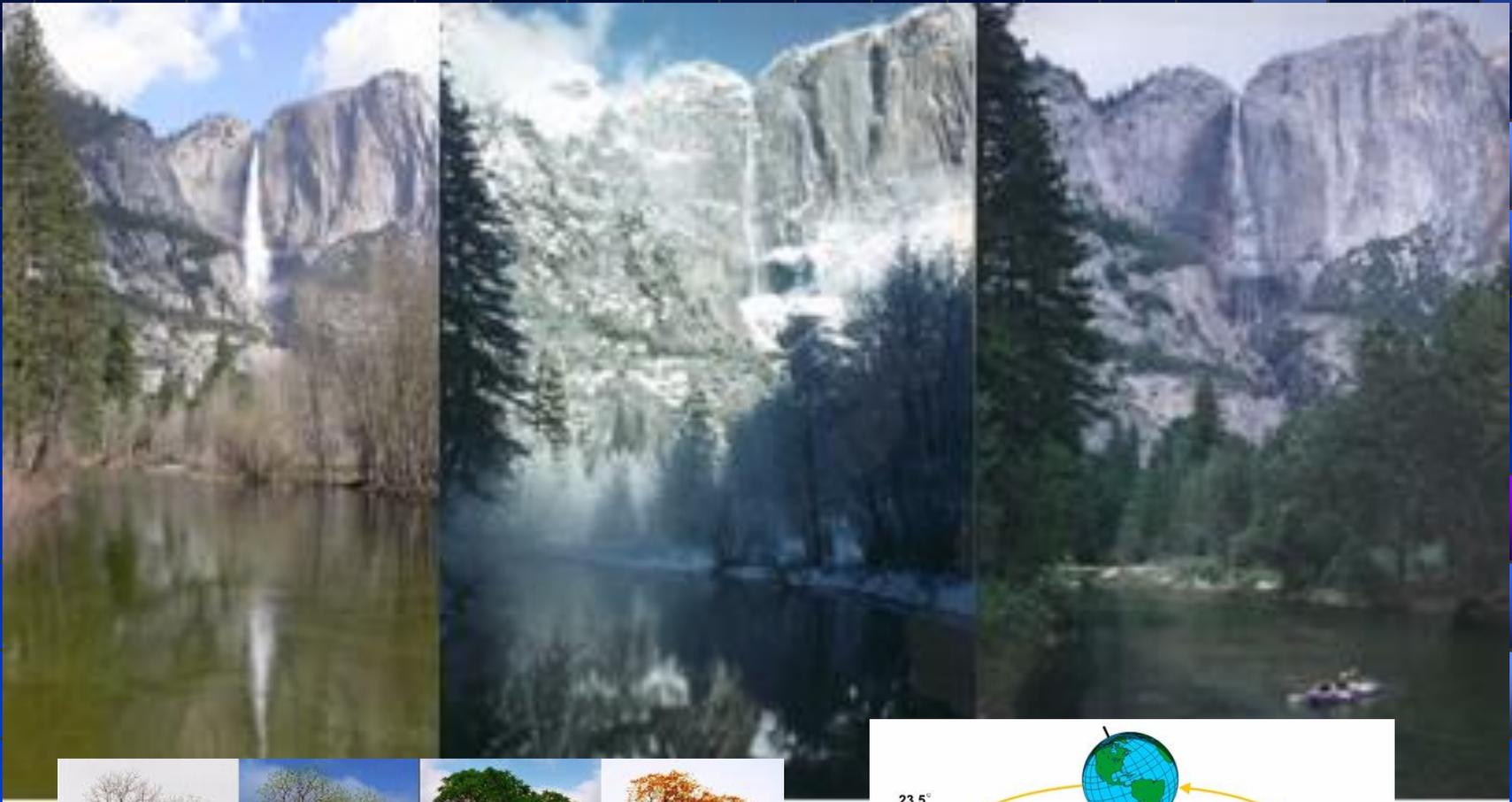
x

T



“Old” Trees are too young

# Lakes Experience the Same Seasonal Cycles as Trees



# How Old Was One Ancient Lake?



**Green River Formation**

# How Old Was One Ancient Lake?



**Green River Formation**

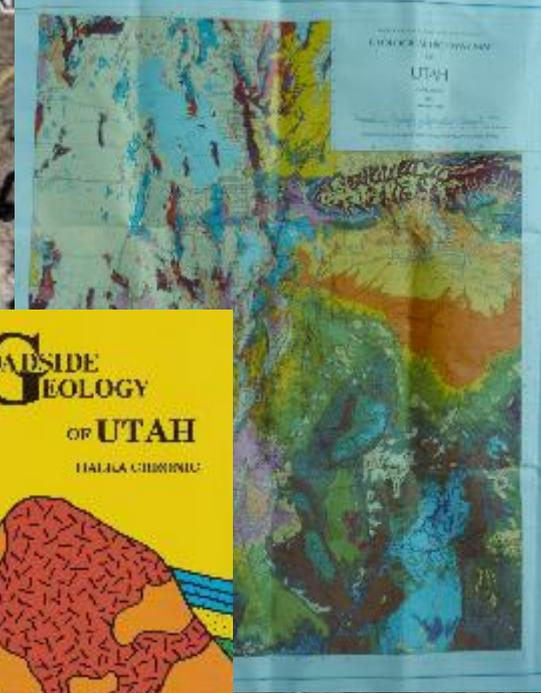
# How Old Was One Ancient Lake?



# Green River Formation





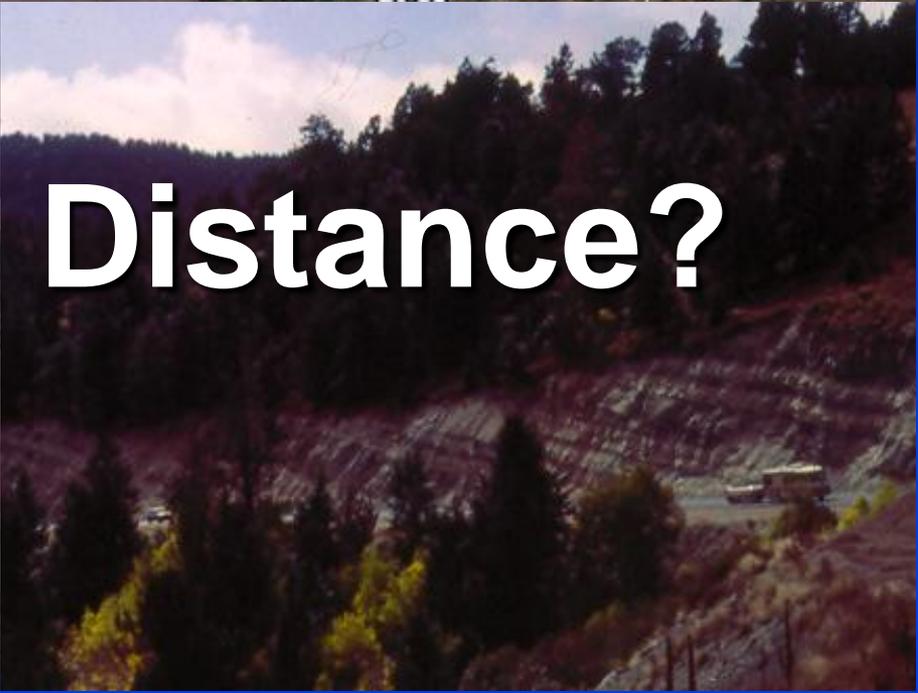




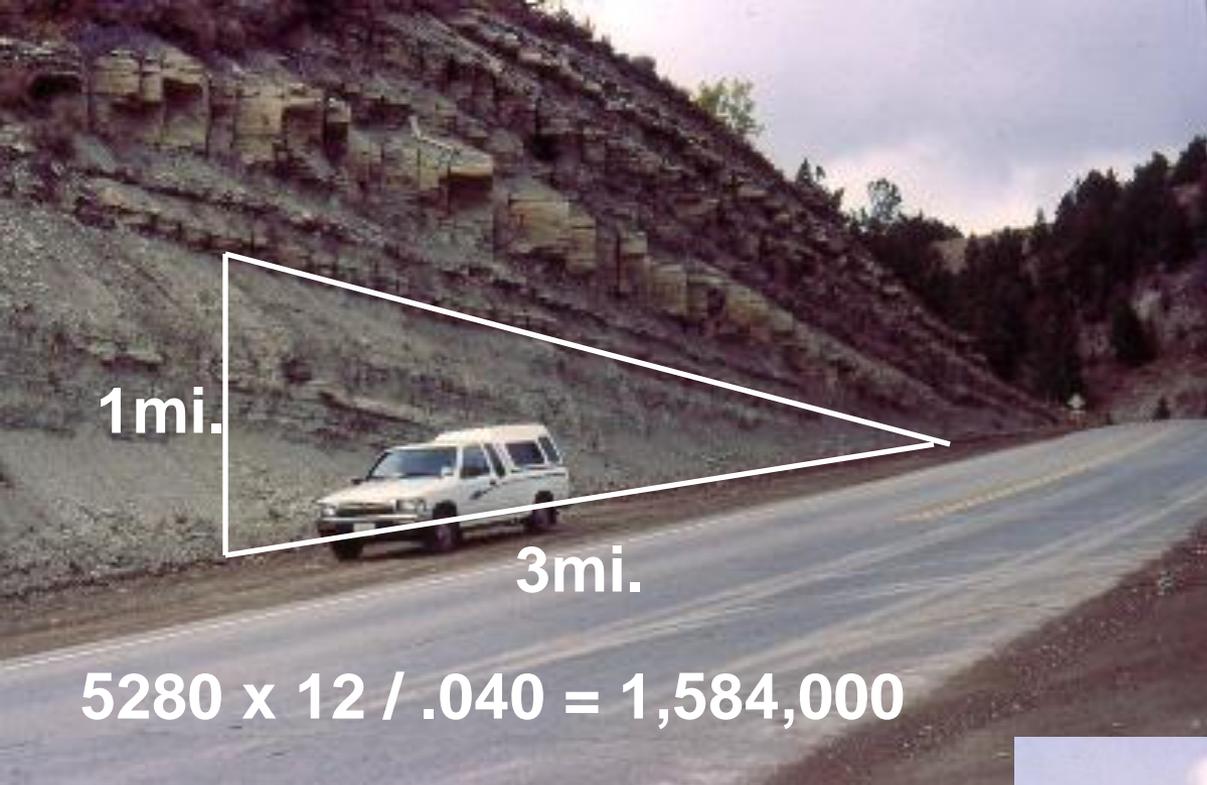


Rate?





Distance?



1mi.

3mi.

$$5280 \times 12 / .040 = 1,584,000$$



.040in.



Estimated more than 4,000,000 layers in entire formation

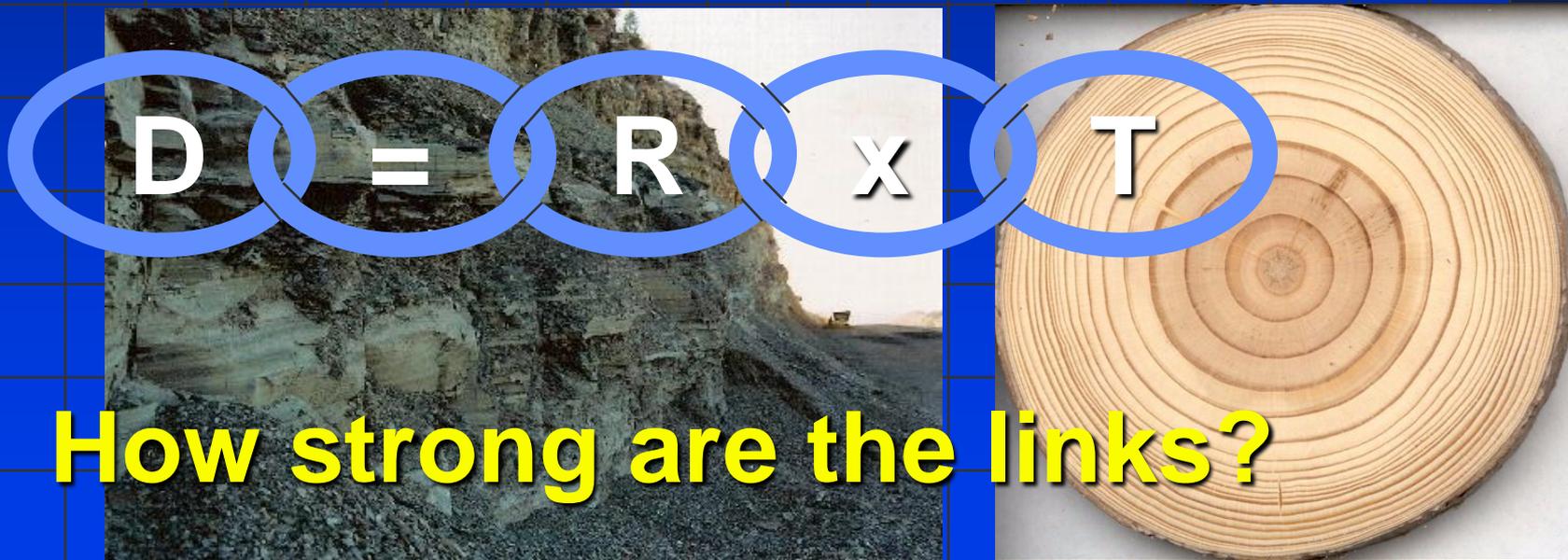


# Standard Interpretation:

4,000,000 years total

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$4,000,000 = 1 \text{ layer/year} \times 4,000,000 \text{ years}$$



**How strong are the links?**

# Standard Interpretation:

4,000,000 years total

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$4,000,000 = 1 \text{ layer/year} \times 4,000,000 \text{ years}$$

$$D = R \times T$$



# Lake Walensee, Switzerland:

1811 (new canal) - 1971

360 layers / 160 years = 2.25 layers/year avg.

5 layer pairs/year peak rate

(different spring-runoff feed conditions)



# Lake Walensee, Switzerland:

1811 (new canal) - 1971

360 layers / 160 years = 2.25 layers/year avg.

5 layer pairs/year peak rate

$$D = R \times T$$

Let's be very generous:  
1 layer every single day



# Possibility: Noah's Flood

(about 1 year total)

Distance = Rate x Time

$$4,000,000 = 1 \text{ layer/day} \times \underline{10,950 \text{ years}}$$

**D** = **R** x **T**



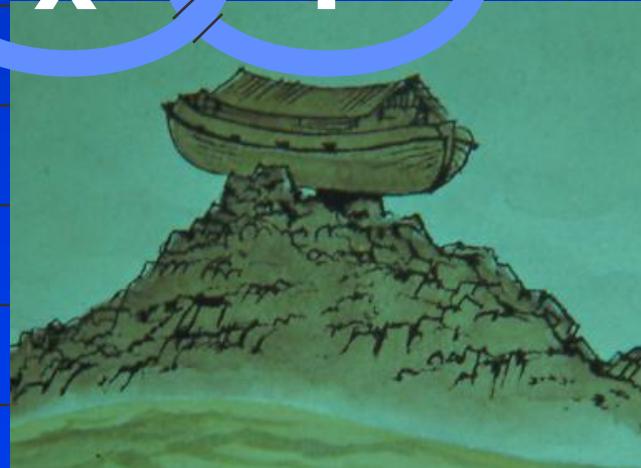
# Possibility: Noah's Flood

(about 1 year total)

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$4,000,000 = 1 \text{ layer/8 sec} \times 1 \text{ year}$$

$$D = R \times T$$







Santa Barbara

Carpinteria

Simi Valley

Santa Clarita

18

Victorville

Ventura

Camarillo

23

210

Thousand Oaks

101

134

2

Pasadena

Rancho Cucamonga

San Bernardino

605

Los Angeles

Ontario

Riverside

105

Norwalk

57

71

Torrance

Anaheim

Corona

Moreno Valley

Long Beach

Newport Beach

Santa Ana

Irvine

74

215

73

75

5

15

Oceanside

78

Escondido

66

163

Santee

El Cajon

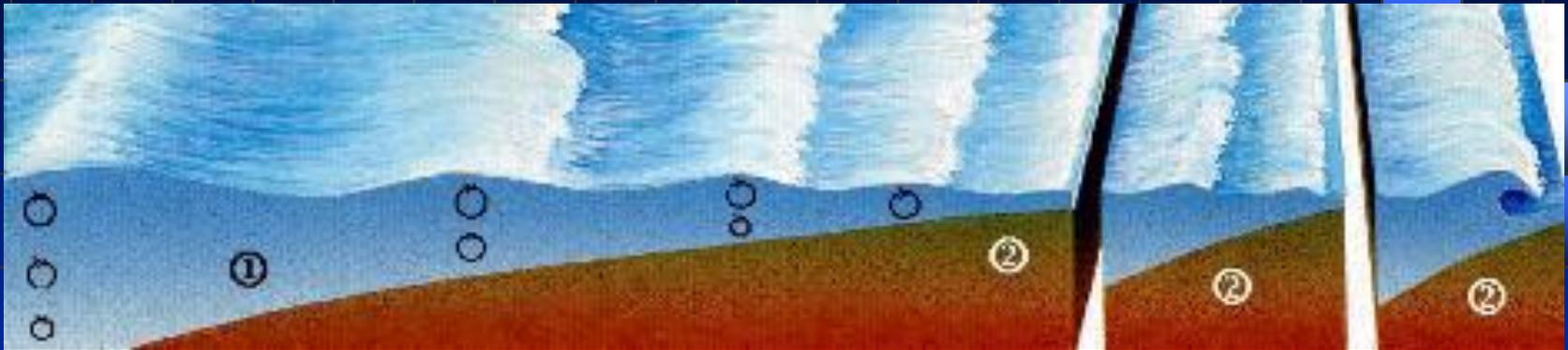
La Mesa

San Diego

Imperial Beach

Chula Vista

# A Series of Waves?



Each wave must carry  $1/30$  cubic mile of sediment for 100 miles.

50 feet is as large as a wave can be that repeats every 8 seconds (50'x180' cross section of pure dirt)

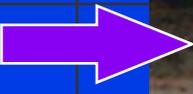


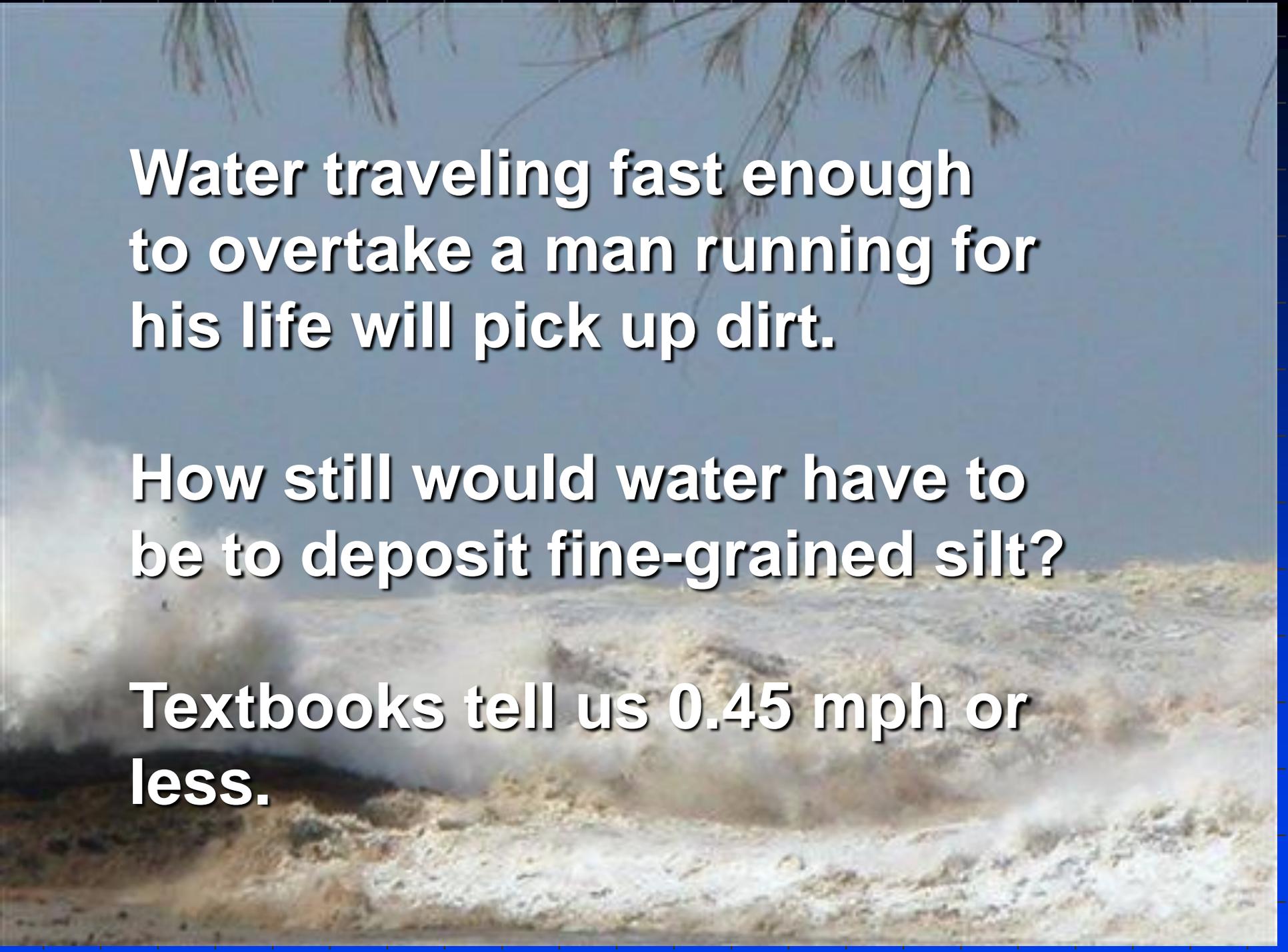
**Big waves are too violent:**







Picking up dirt 

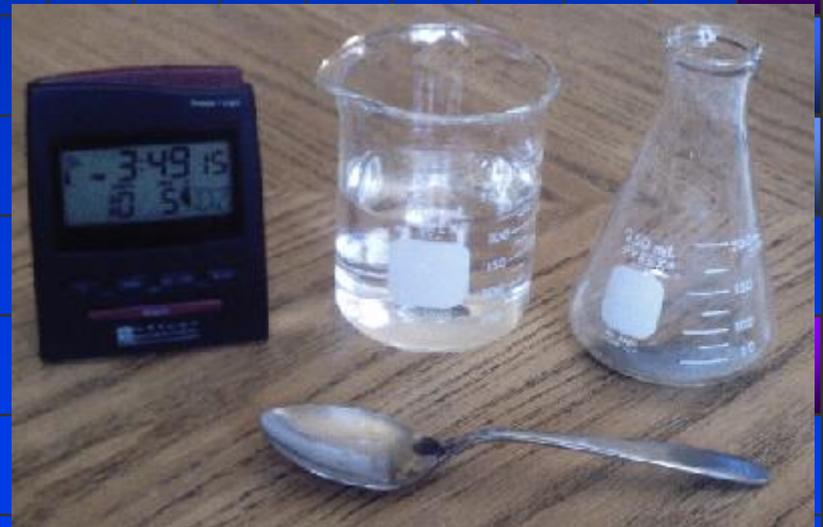


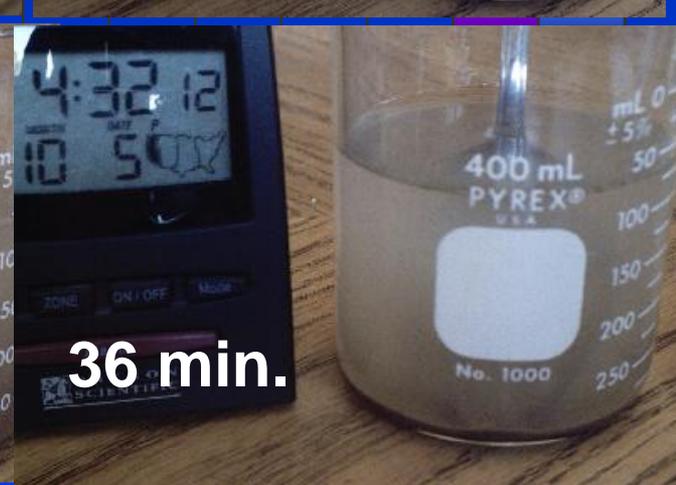
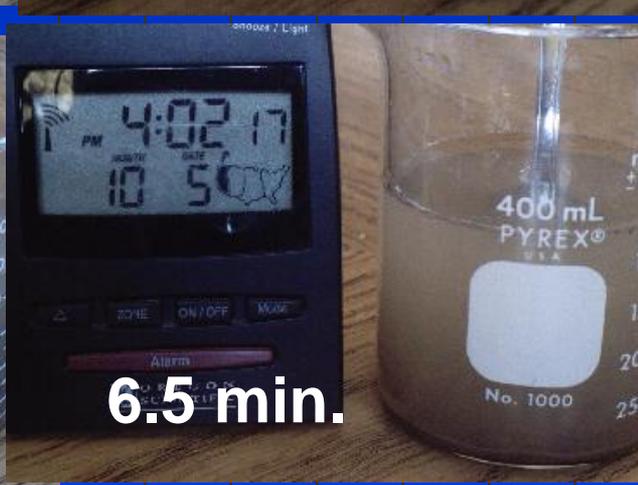
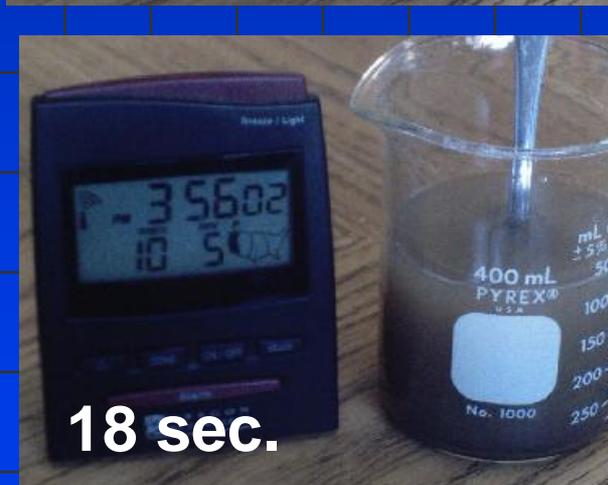
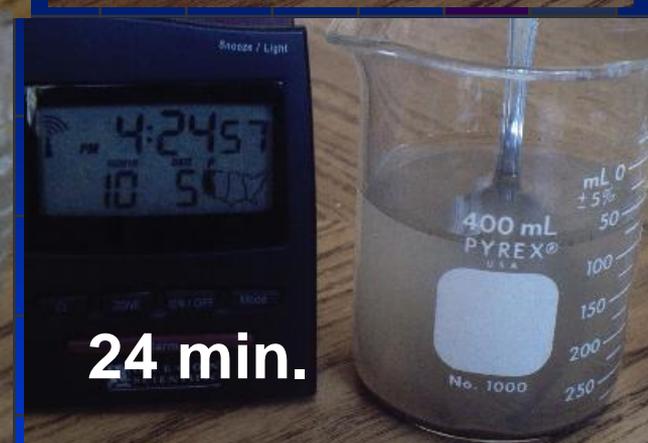
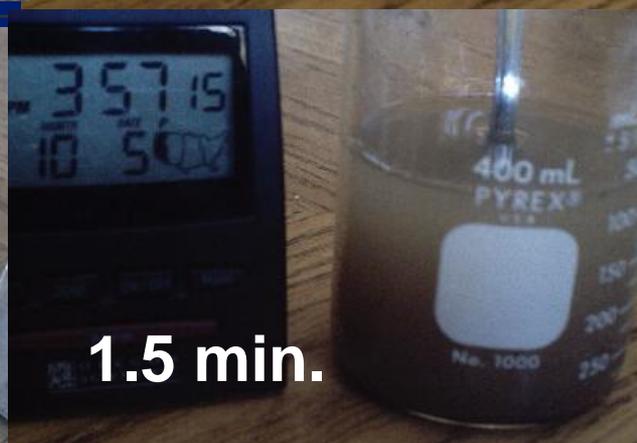
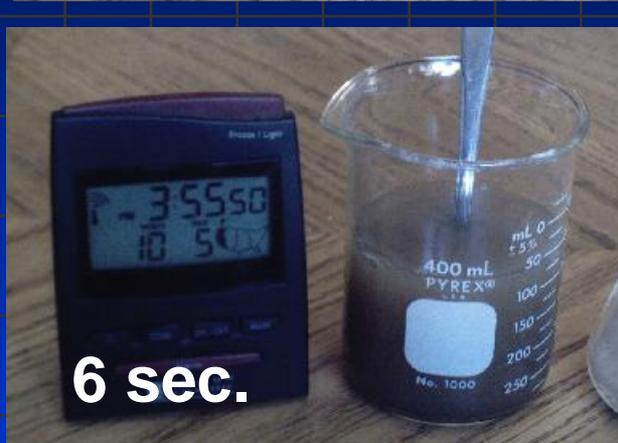
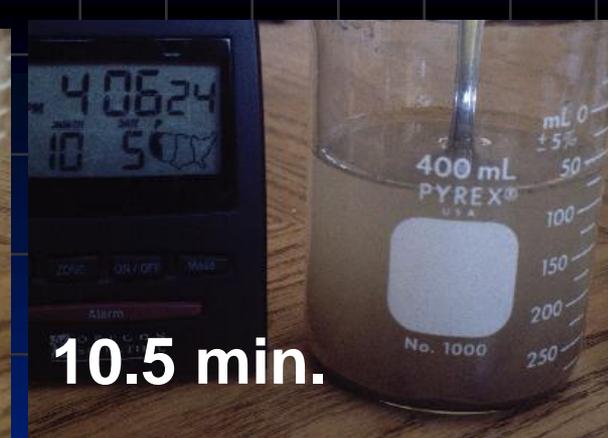
**Water traveling fast enough to overtake a man running for his life will pick up dirt.**

**How still would water have to be to deposit fine-grained silt?**

**Textbooks tell us 0.45 mph or less.**

**How quickly will fine-grained silt settle out of still water?**





# Possibility: Noah's Flood

(about 1 year total)

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$4,000,000 = 1 \text{ layer/8 sec} \times 1 \text{ year}$$

$$D = R \times T$$



The Green River Formation  
was **not** laid down  
during Noah's Flood!

Possibility: **11,000 years**

(about 1 year total)

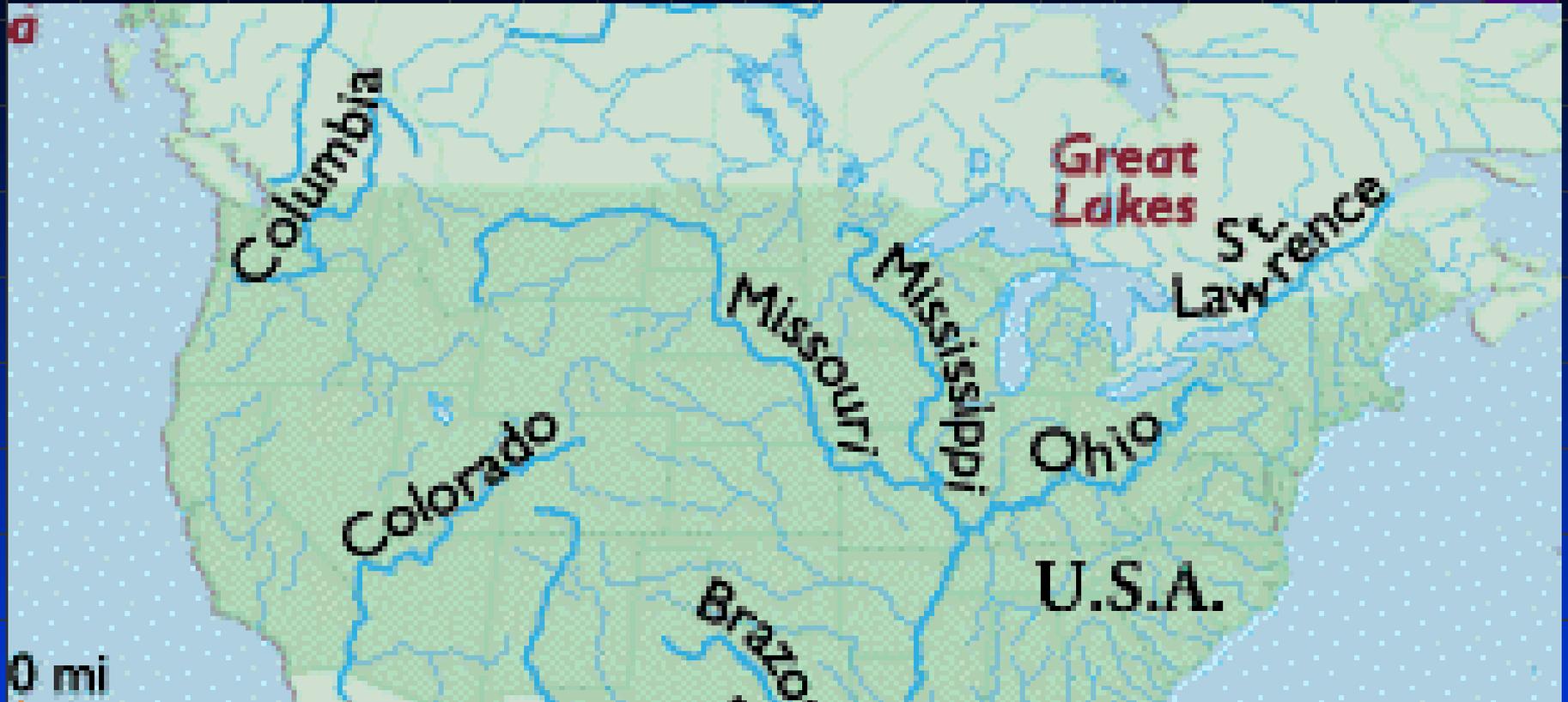
Distance = Rate x Time

4,000,000 = 1 layer/day x 10,950 years

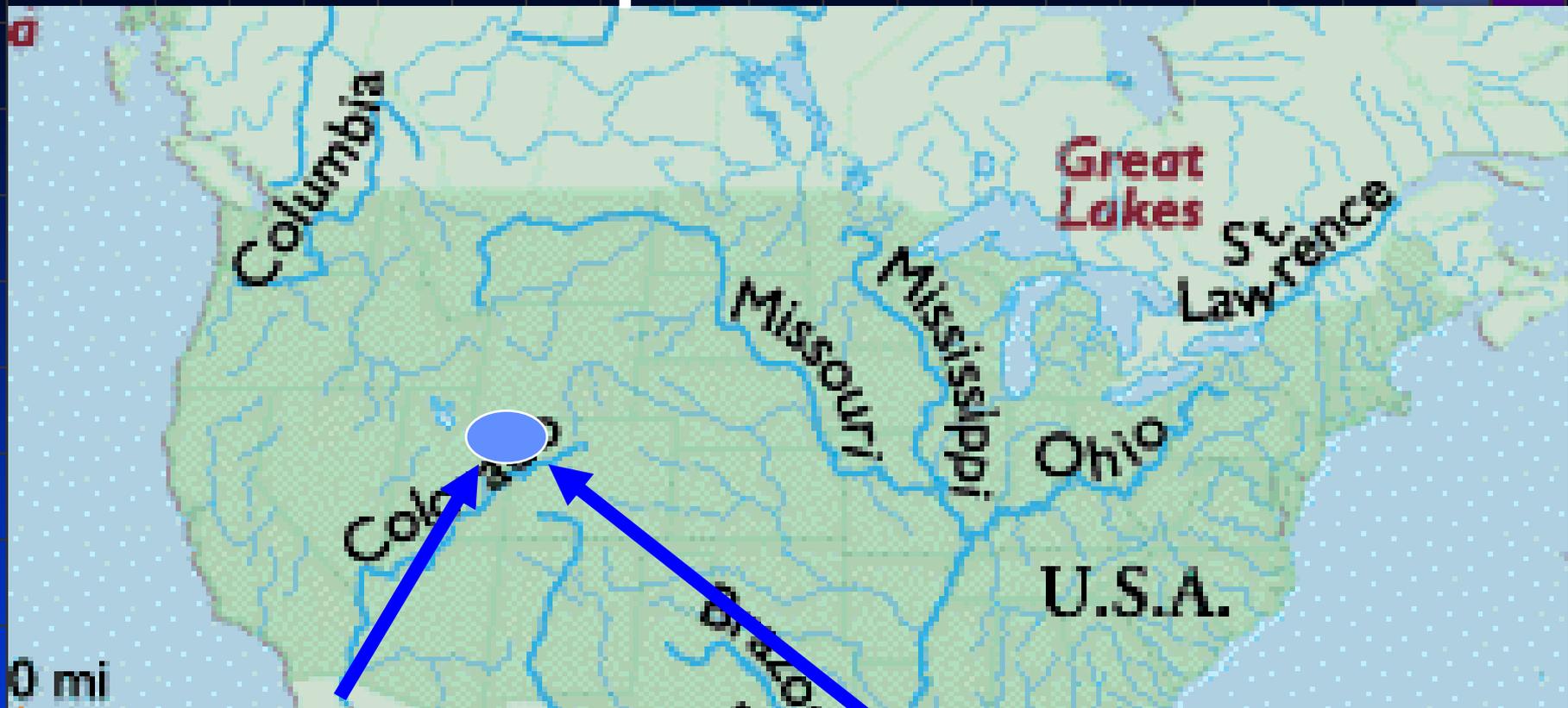


**Business as usual - no miracles**

# How fast can we deposit sediments?



# .1 Cubic Miles per Year



# Possibility: 11,000 years

Rate = 1 layer/day - no help from Noah's Flood

## Distance = Rate x Time

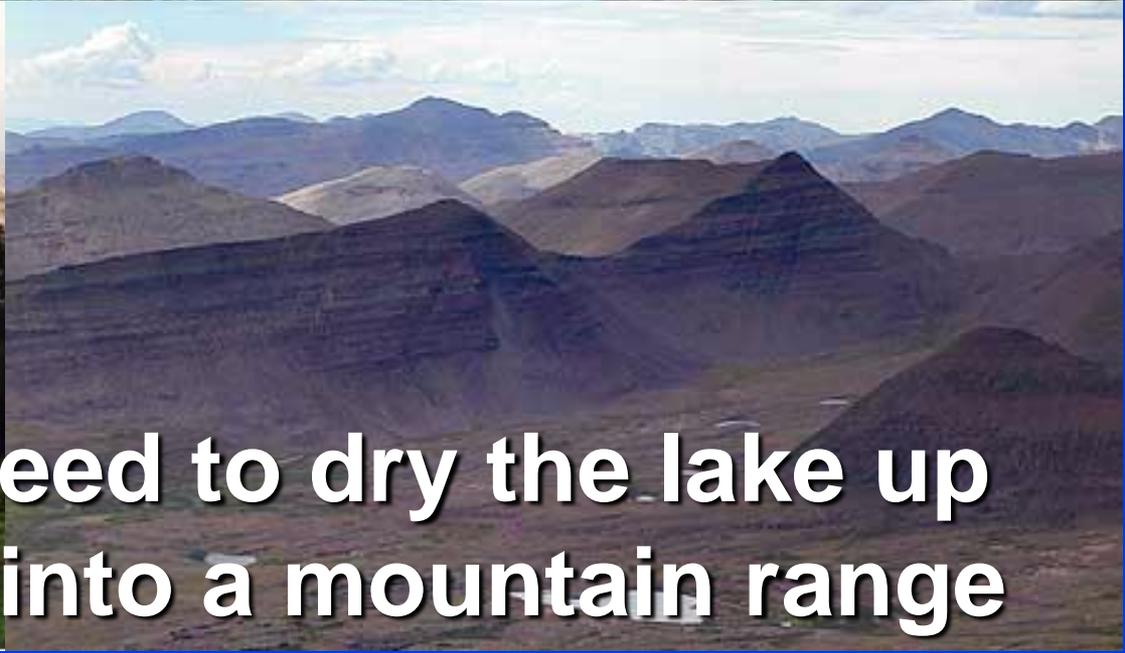
10,000 cu.mi. = .1 cu.mi./yr. x 100,000 years

**D** = **R** x **T**



The Green River Formation  
was **not** laid down in less  
than 100,000 years!





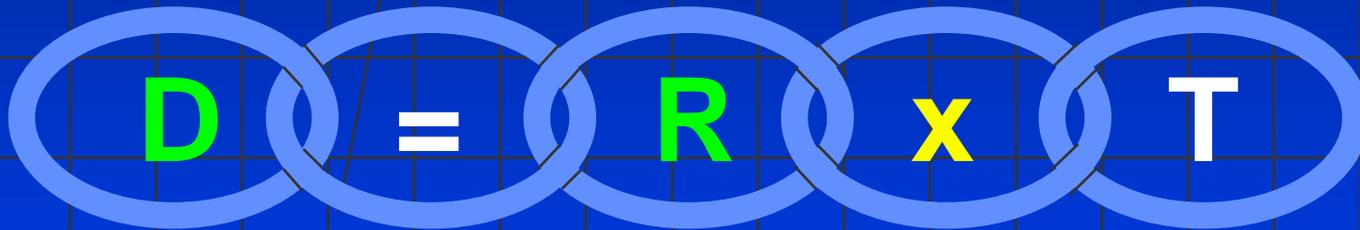
**And, we also need to dry the lake up  
and weather it into a mountain range**

# Standard Interpretation:

4,000,000 years total

$$\text{Distance} = \text{Rate} \times \text{Time}$$

$$4,000,000 = 1 \text{ layer/year} \times 4,000,000 \text{ years}$$



A diagram showing the equation  $D = R \times T$  where each element (D, =, R, x, T) is enclosed in a blue oval. The ovals are connected by overlapping lines, creating a chain-like effect. The letter 'D' is green, '=' is white, 'R' is green, 'x' is yellow, and 'T' is white.

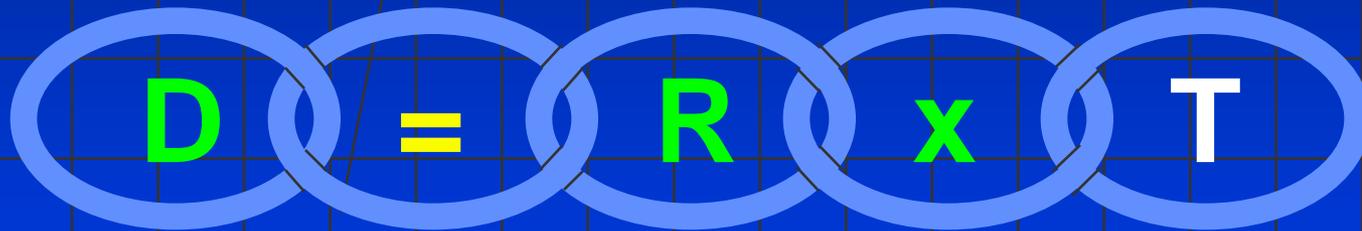
**It serves no useful purpose  
to distrust math or logic**

# Standard Interpretation:

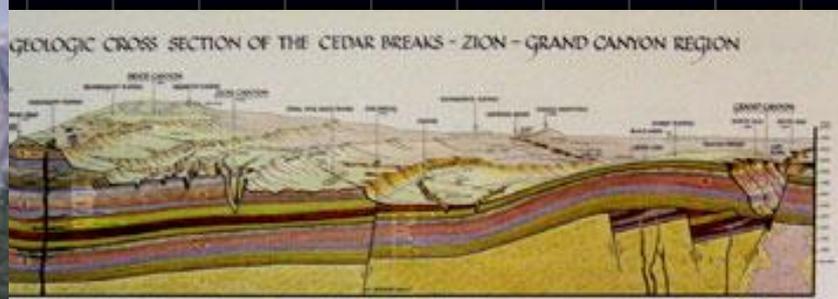
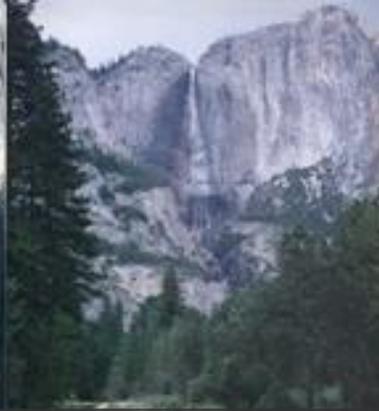
4,000,000 years total

Distance = Rate x Time

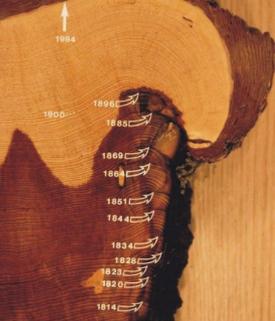
4,000,000 = 1 layer/year x 4,000,000 years



**Are we dealing with a miracle?**



If so, then maybe none of this would mean anything



# Two Parts to this Debate: **Science** and the **Bible**

1) Science

2) Theology

the study of



3) The Creation

the study of



4) The Bible



## We Ought to See a Shadow of God's Eternal Nature

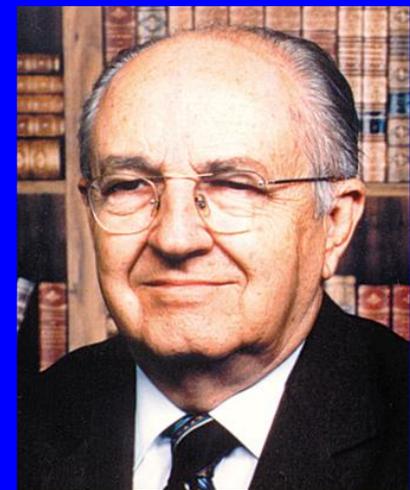
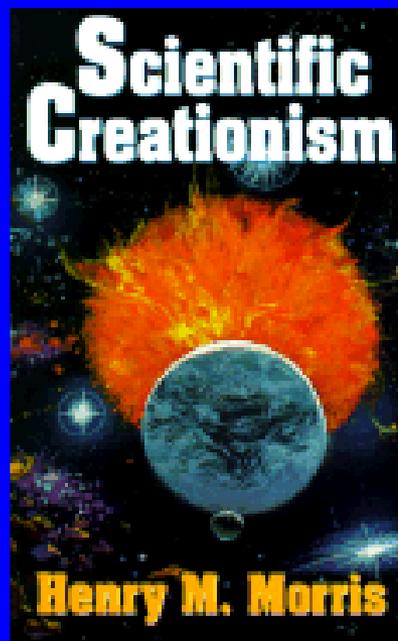
Since the creation of the world God's invisible qualities - his **eternal** power and divine nature - have been **clearly seen**, being **understood from what has been made**, so that men are without excuse. - Romans 1:20

**D = R X T**



**“The creation model permits us to look seriously at those natural processes which seem to favor a young earth and a recent creation. We shall see later in this chapter that there exist many such processes. Unfortunately most people do not know this, since we were all indoctrinated as children in school, with one model of origins exclusively.”**

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- Scientific Creationism, Ed. by Henry M. Morris Ph.D., C. 1974, Master Books, El Cajon, Ca., pp. 136, 137.

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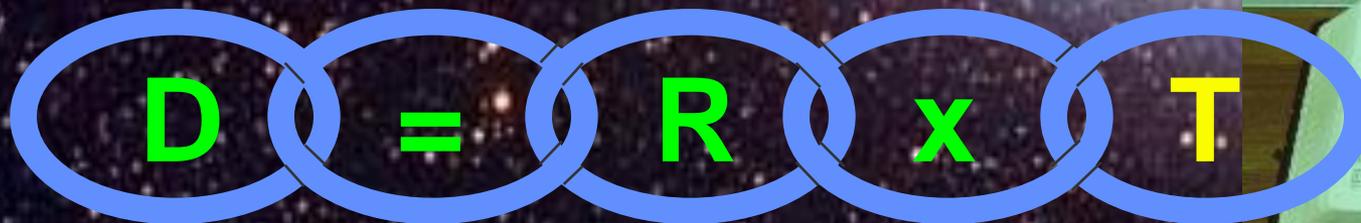
**D = R X T**



We O  
Sinc  
wor  
his

**The only way that would  
be possible is if we used  
faulty logic somewhere**

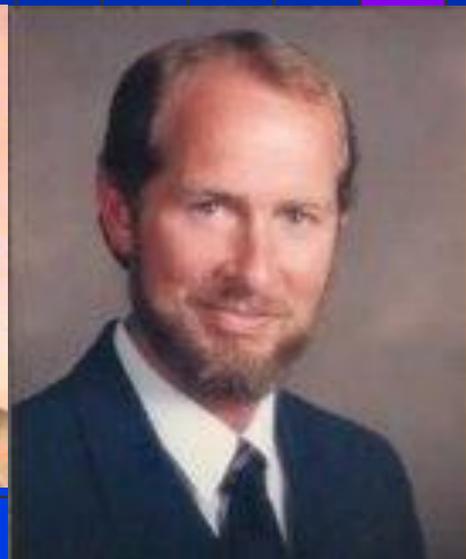
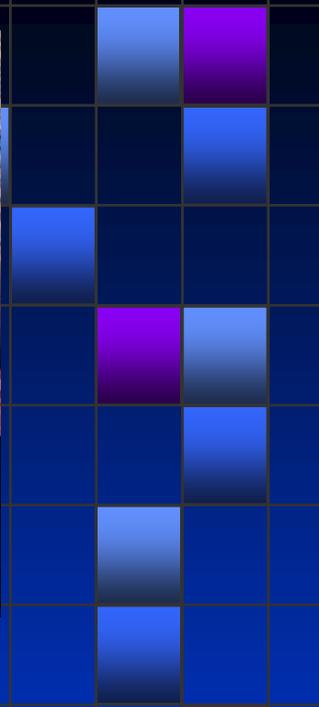
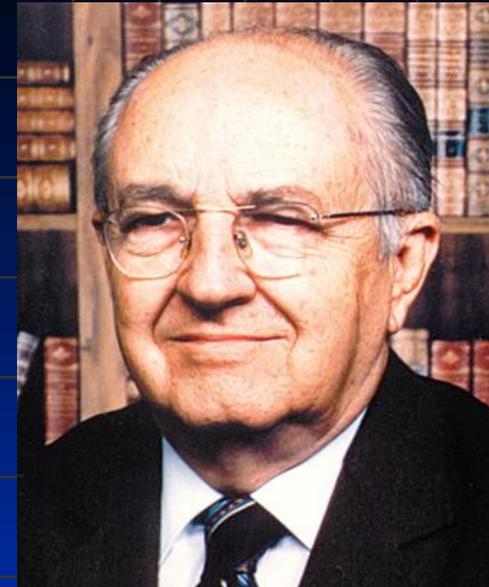
have been **clearly seen**, being  
**understood**  
**made**, so th  
excuse.



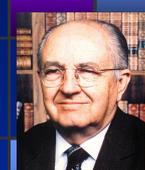
I'm going to try to make this as easy as possible:

Since our witness is truthful, the evidence will be 100% consistent.

If the earth is old, there will be **no** valid proofs that it is young.



■ Short Period Comet Lifetimes too Short	72	2,3,4,5,6,+	1
■ Too Much Cosmic Dust in Space	"	5,6,7,+	
■ Not Enough Cosmic Dust on Earth and Moon	76	3,5,6 (-4)	2
■ No Meteorites in Geological Column	.	5,6,+	
■ Interior of Moon (and some planets) too Hot	.	5,6,7,+	
■ Interior of Moon too Cold	.	6	3
■ Saturn's Rings are too Young	80	4,5,6,+	
■ Not Enough Helium in Earth's Atmosphere	83	5,6,+	
■ Sun is Shrinking too fast	85	1,5,6,+	4
■ Spiral Galaxies Wind Up too fast.	87	1,2,6	
■ Too much Mineral Influx Into the Oceans	91	2,5,6	5
■ Not Enough Salt in the Oceans	"	2,+	
■ Continents Should Have Eroded Away	93	1,2,3,5,6,+	6
■ Too Much Lava Buildup	"	3,5,6	
■ Not Enough Mississippi River Delta	96	5	7
■ Too Much pressure in Oil and Gas Wells	99	5,6,7	
■ Existence of Polystrate Fossils	118	+	70
■ Existence of Polonium halos	102	1,6,+	
■ Too Much C14 in Coal	105	2,+	
■ Too Much Helium in Zircon Crystals	108	2,+	7
■ Paluxy River Human Footprints	111	3,6 (-4)	
■ Earth's Magnetic Field Decaying too Rapidly		2,5,6,+	70
More GRF	113		



70

- Most Literal way to Read Text . . . . . 185
- Context from Phrase “Evening and Morning” . . . . . “
- Context from Number Appended to “Day” . . . . . “
- Obvious Context from Genesis 1:14 . . . . . 203
- Parallel Days in Exodus 29:9-11 . . . . . 208
- Consequence that Death Preceded Fall . . . . . 197
- Mark 10:6, Adam created “Beginning of Creation” 213
- Positions of Early Church Fathers . . . . . 131
- Old Earth Only to Accommodate Evolutionists 219
  
- Do We Know and Understand the Text? . . . . . 139
- Science vs. Bible . . . . . 156↓
- Bombardier Beetle . . . . . 171 ↑

# Comets Replace the Solar System's Debris

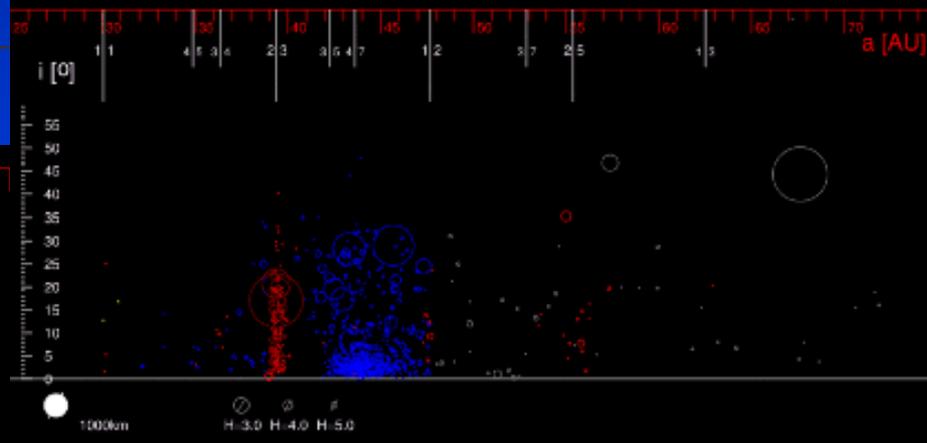
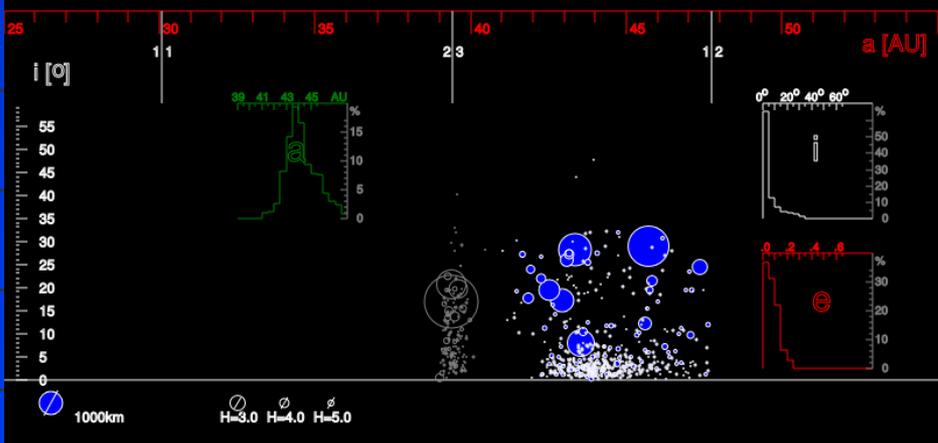
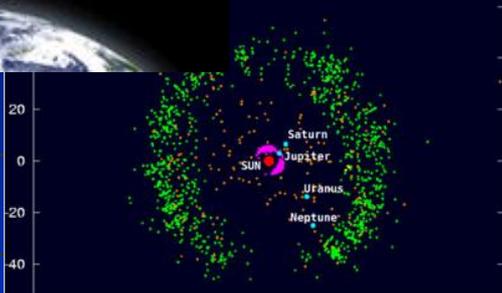
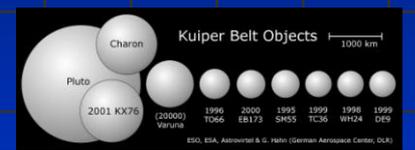


# The Kuiper Belt Replaces Short Period Comets



# Proof that the Kuiper Belt Exists: Images of Largest Objects, and Data for About 1000 Smaller Objects

Largest known Kuiper Belt objects



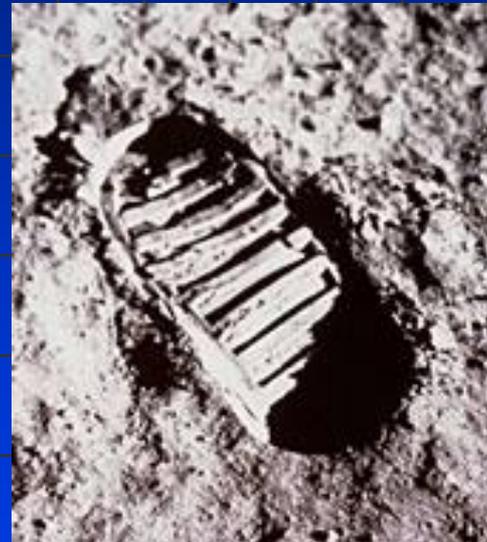
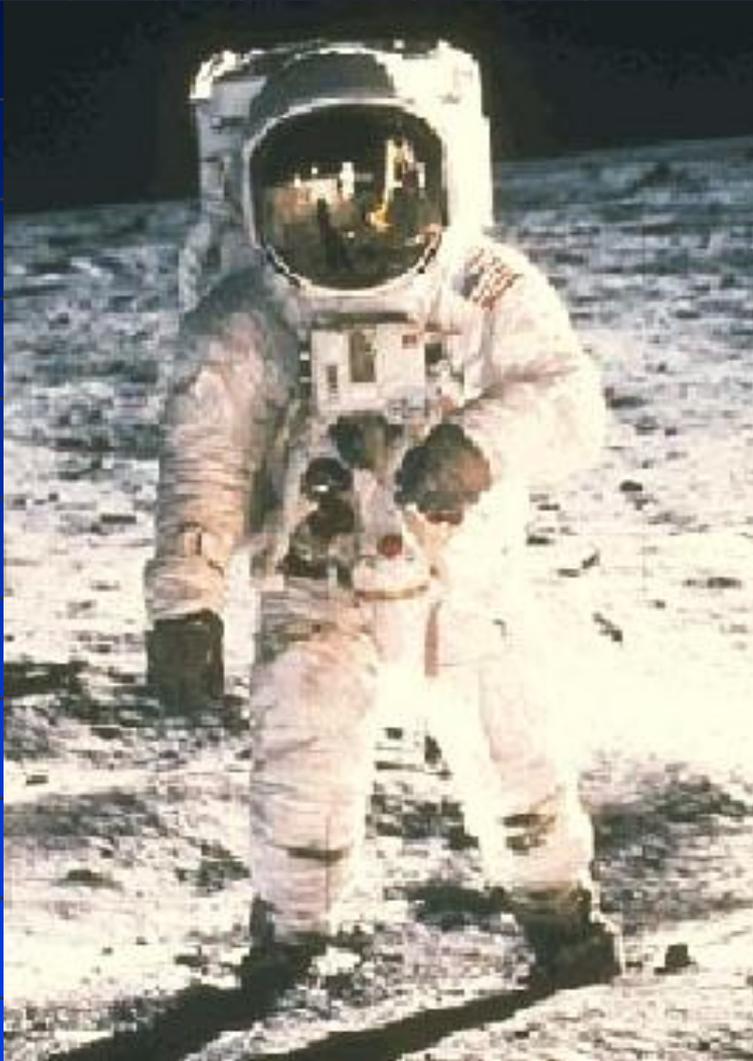
## We Ought to See a Shadow of God's Eternal Nature

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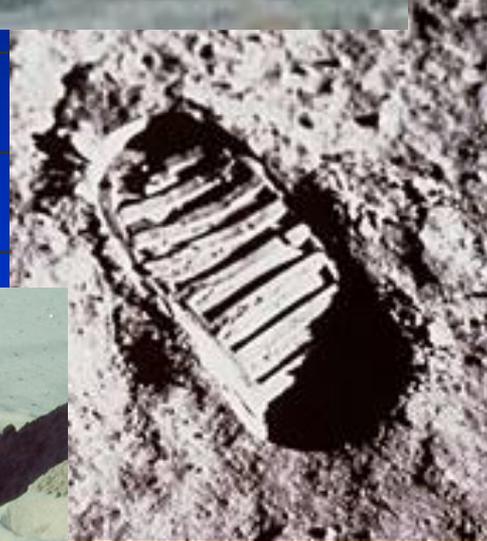
D = R X T



# Why Such Shallow Footprints?



# Why Such Short Stints?



# Why Suc

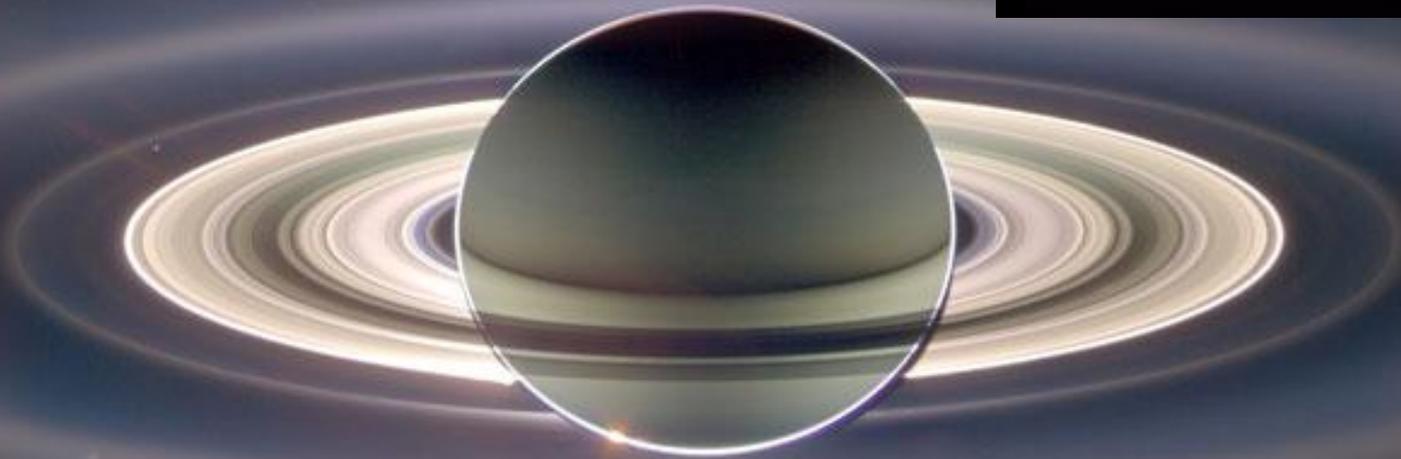


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D = R X T





**Saturn's rings are relatively young**

**How is this possible?**

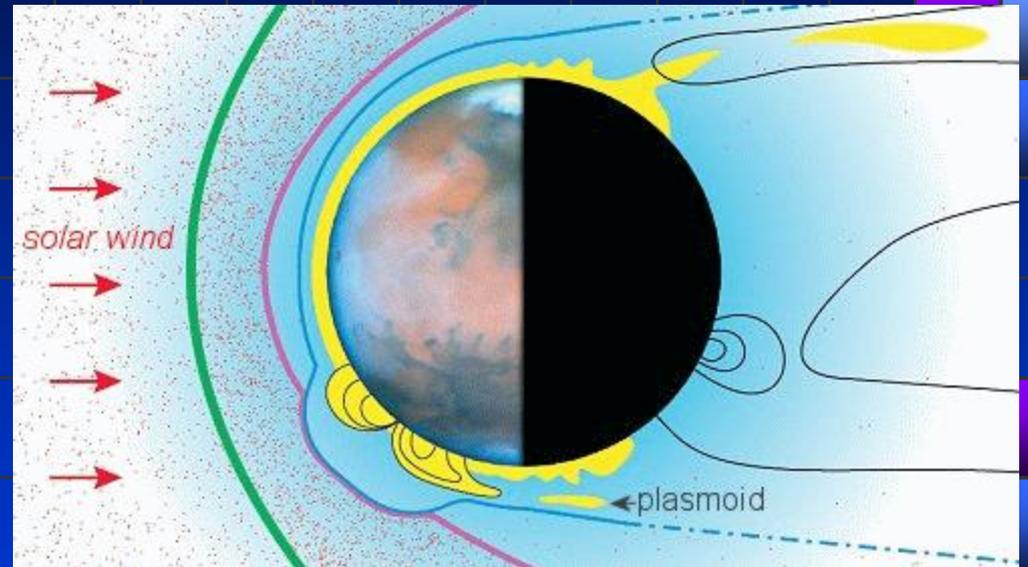
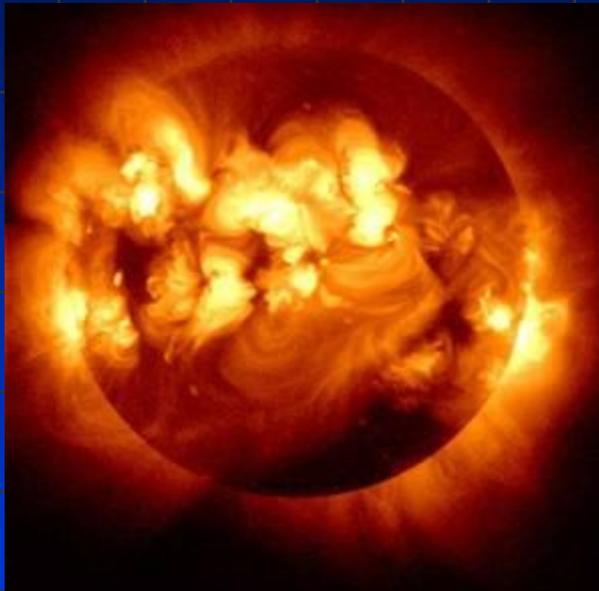


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D = R X T





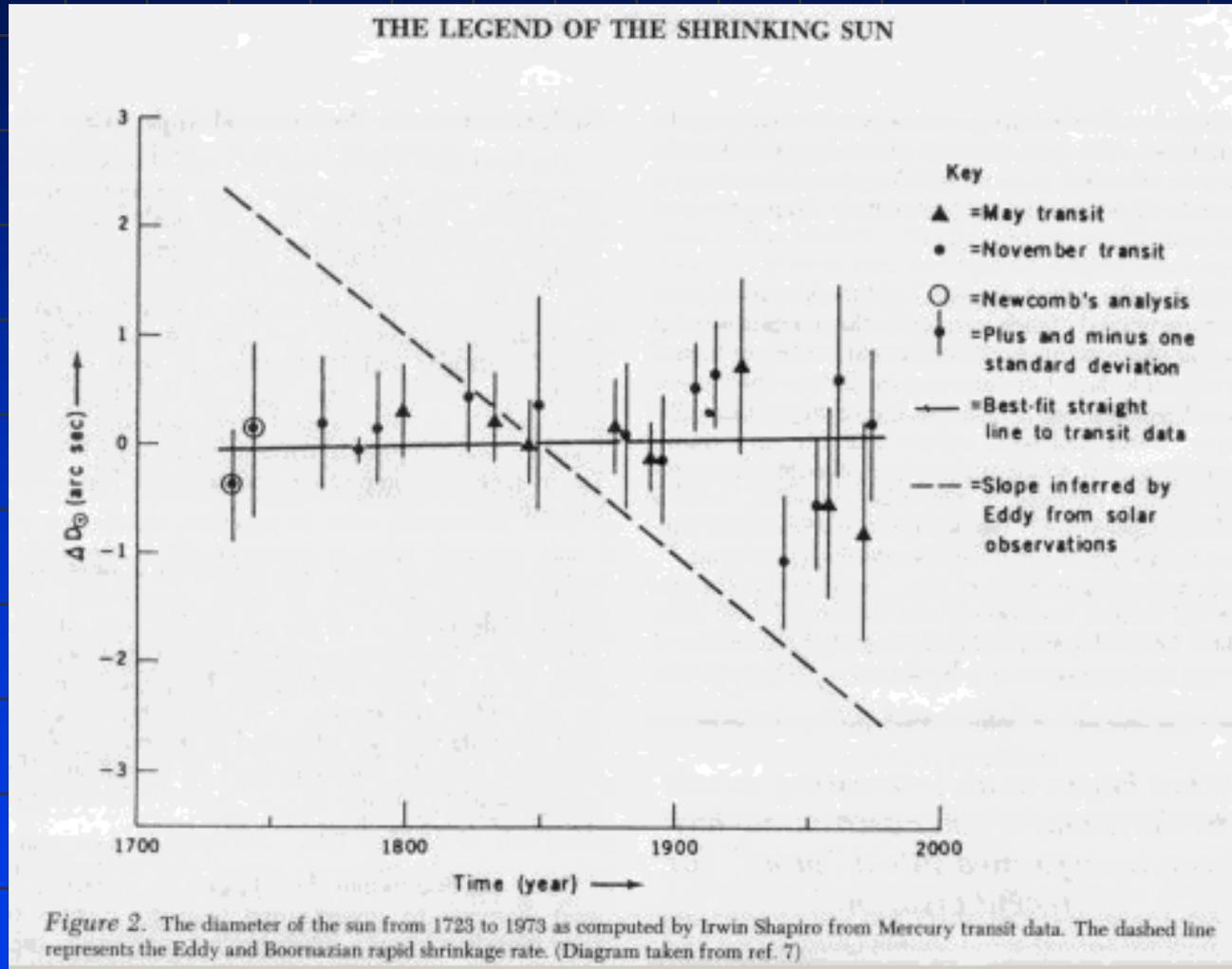
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D = R X T



# Is the Sun Shrinking?

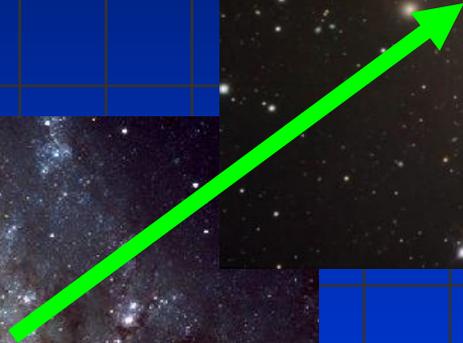
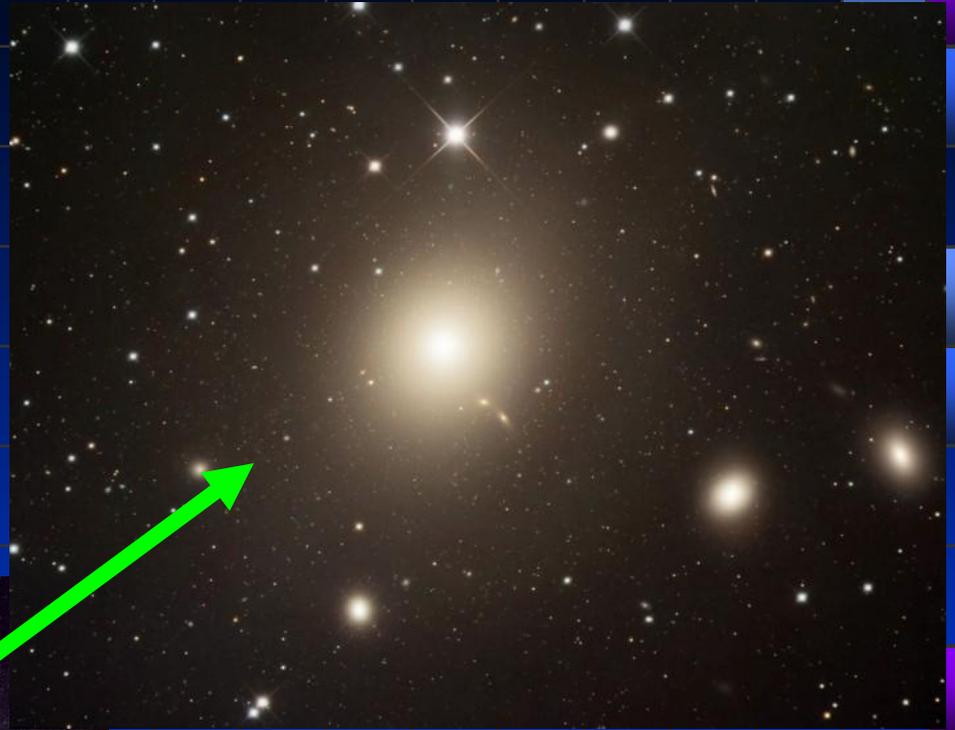
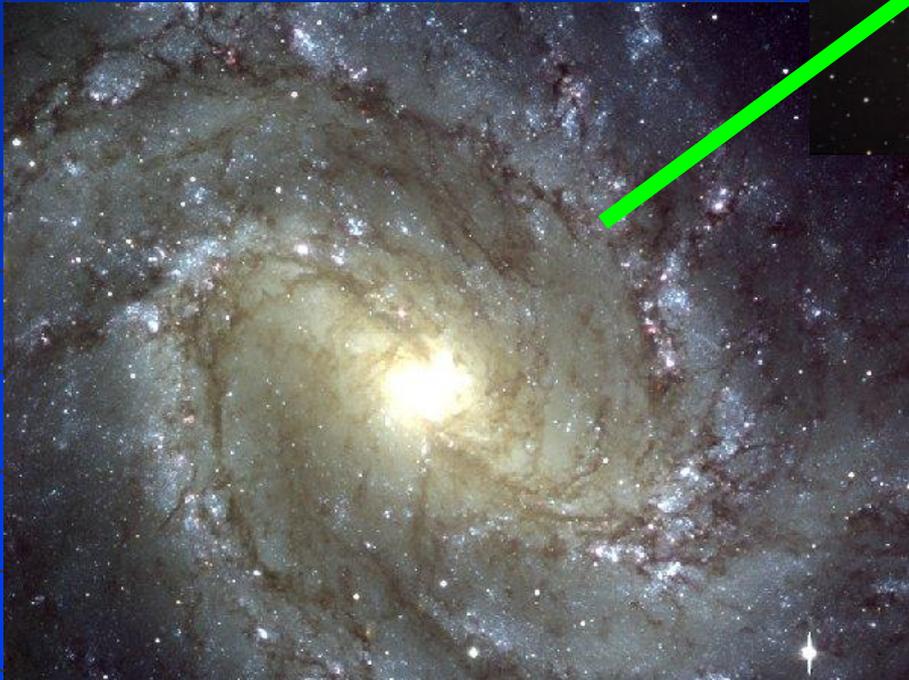


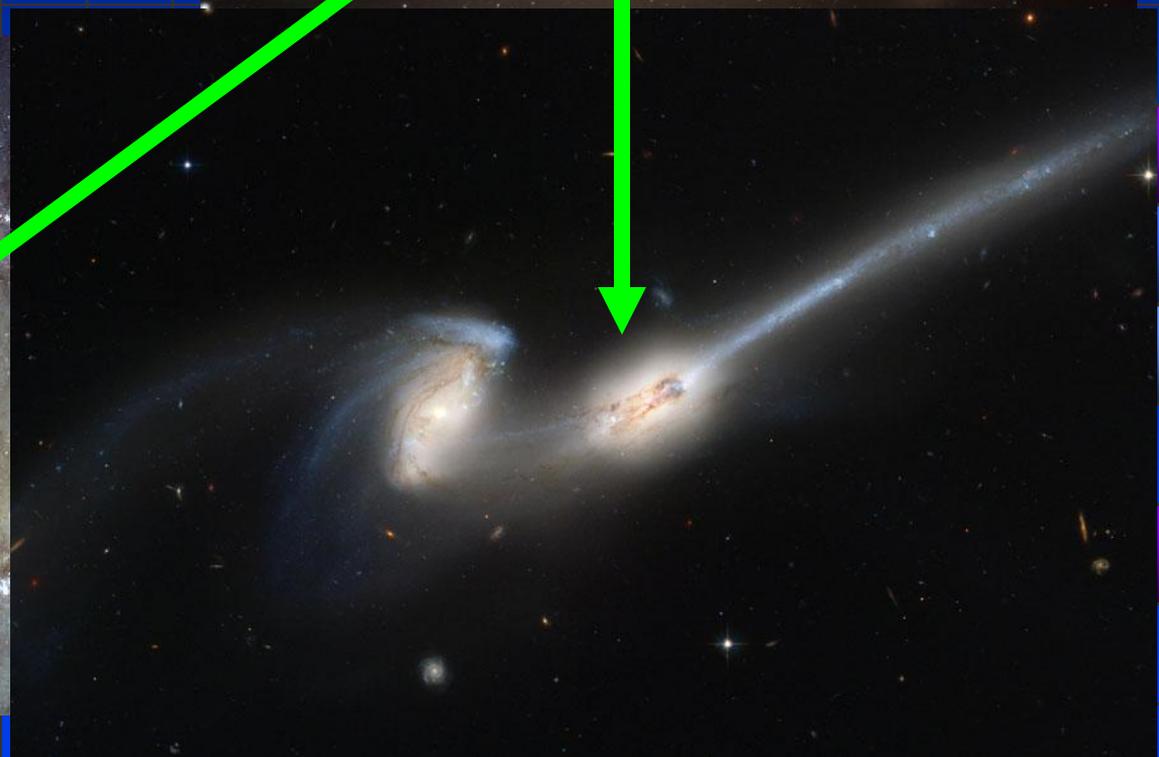
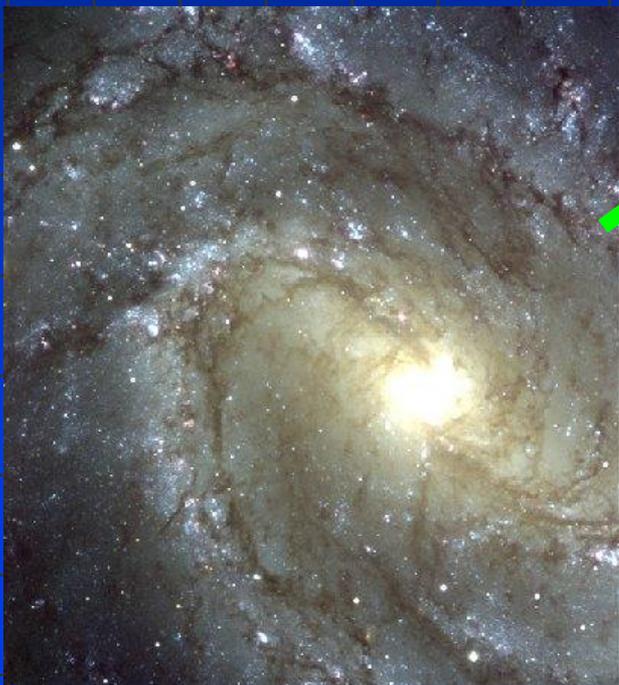
## We Ought to See a Shadow of God's Eternal Nature

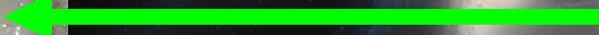
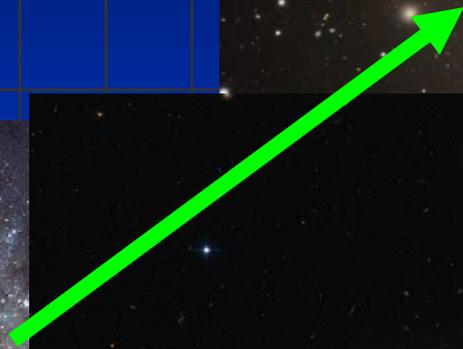
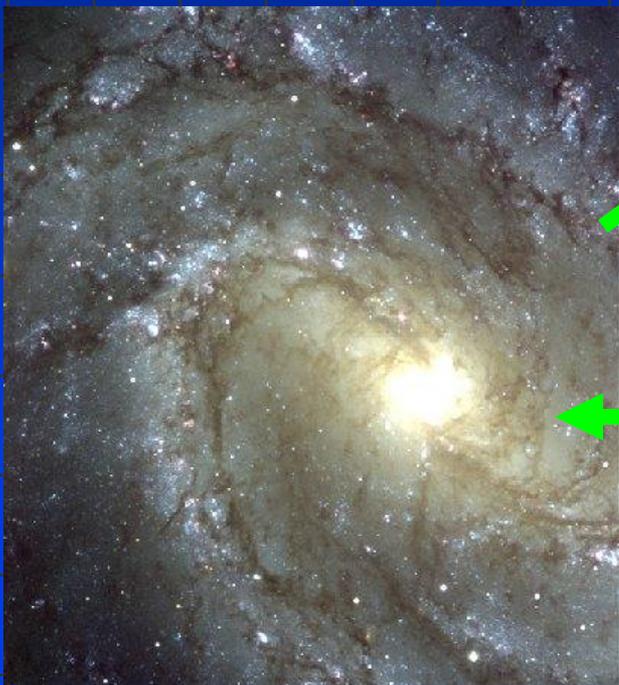
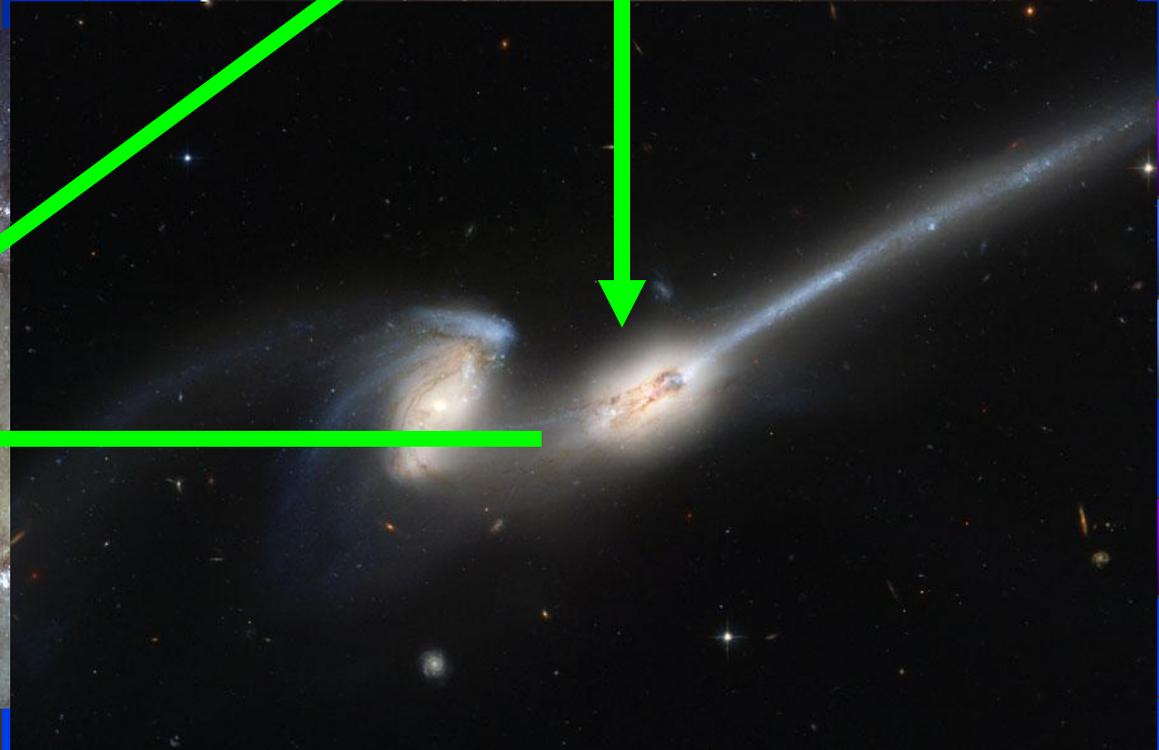
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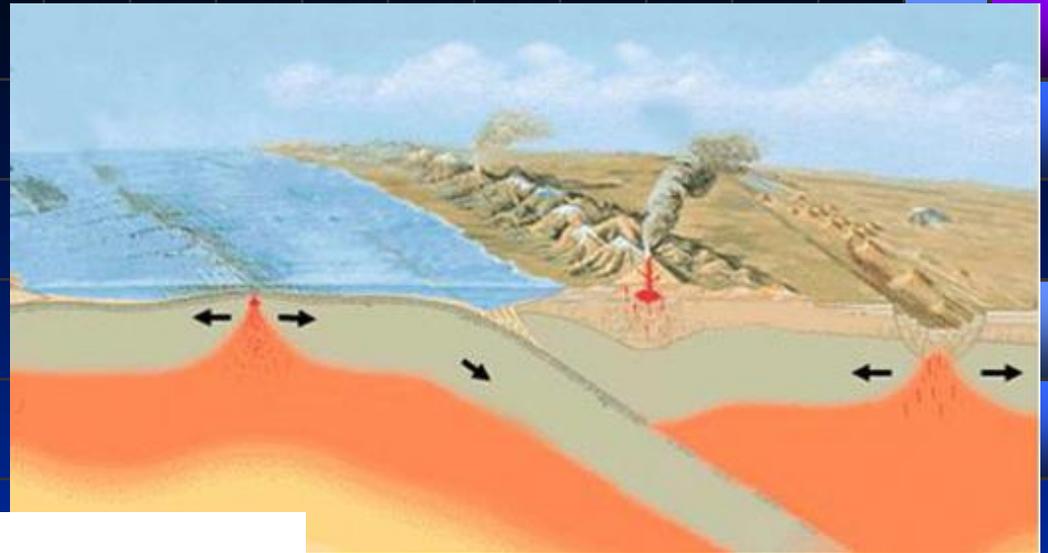


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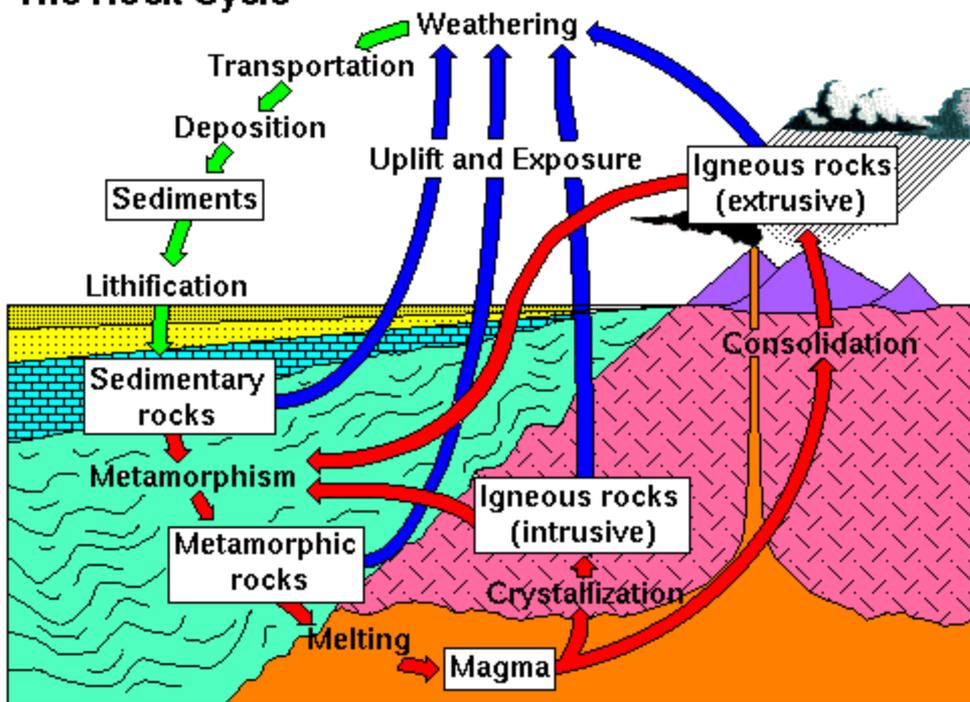
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## The Rock Cycle



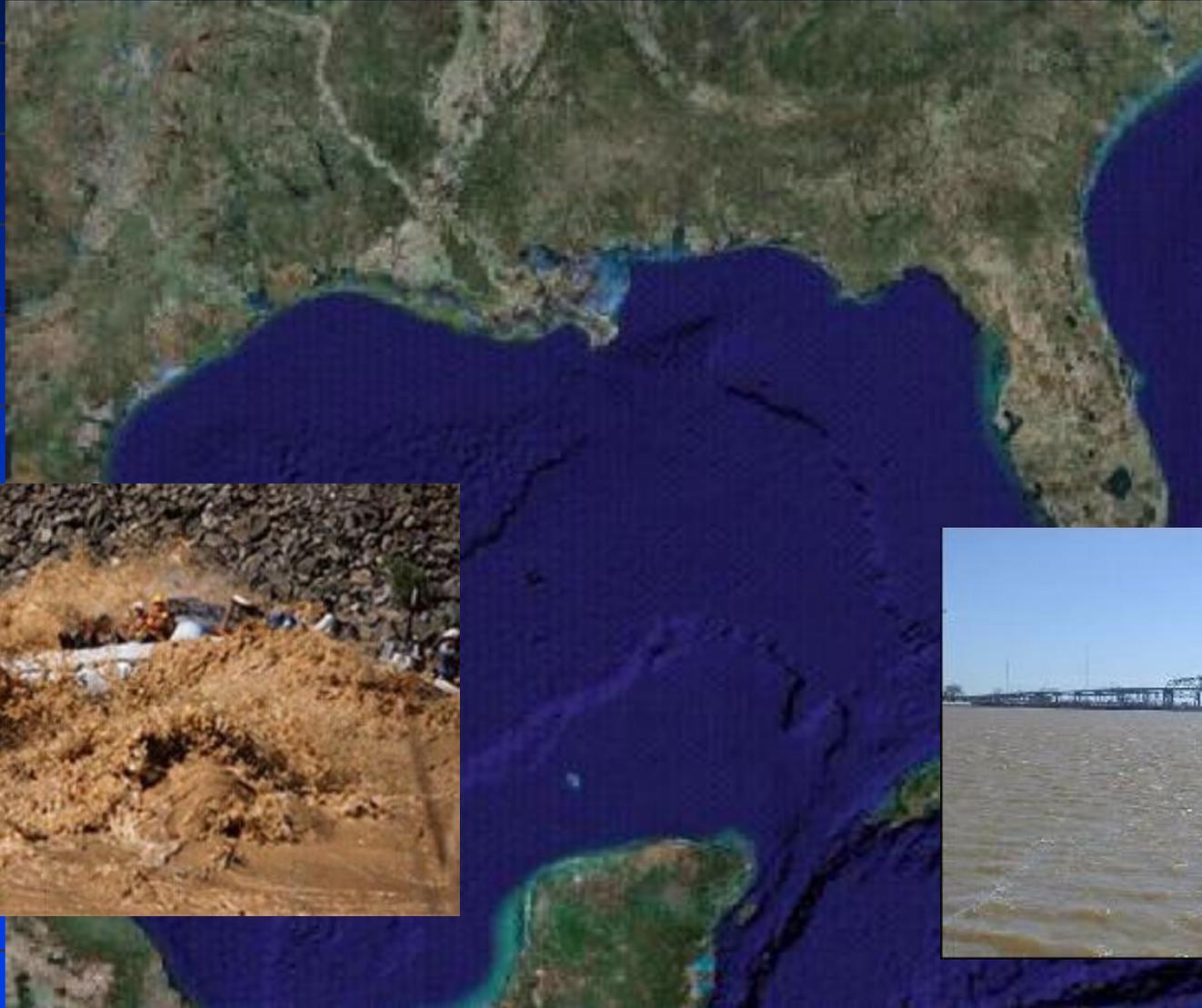
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# Why hasn't erosion completely leveled the continents?



**Because volcanic additions  
happen at the same rate**



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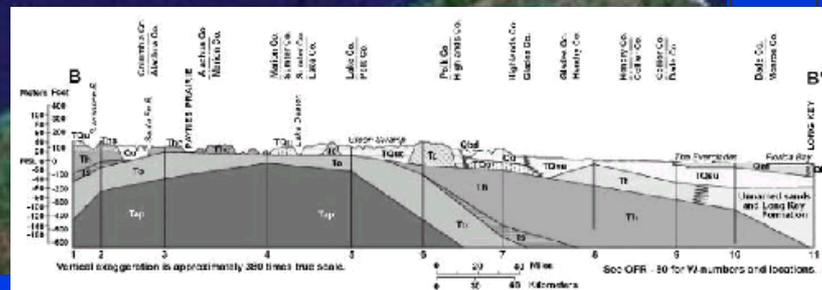
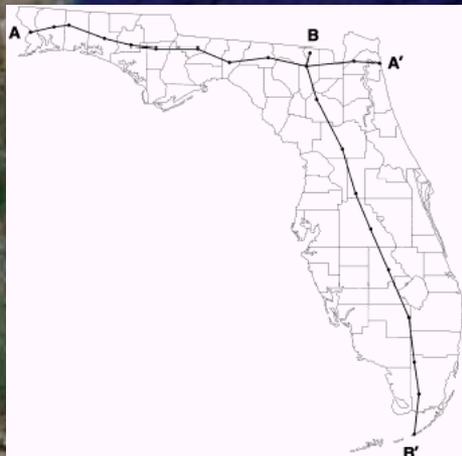


# Where is the Missing Delta?



# Where is the Missing Delta?

Rivers sometimes change course



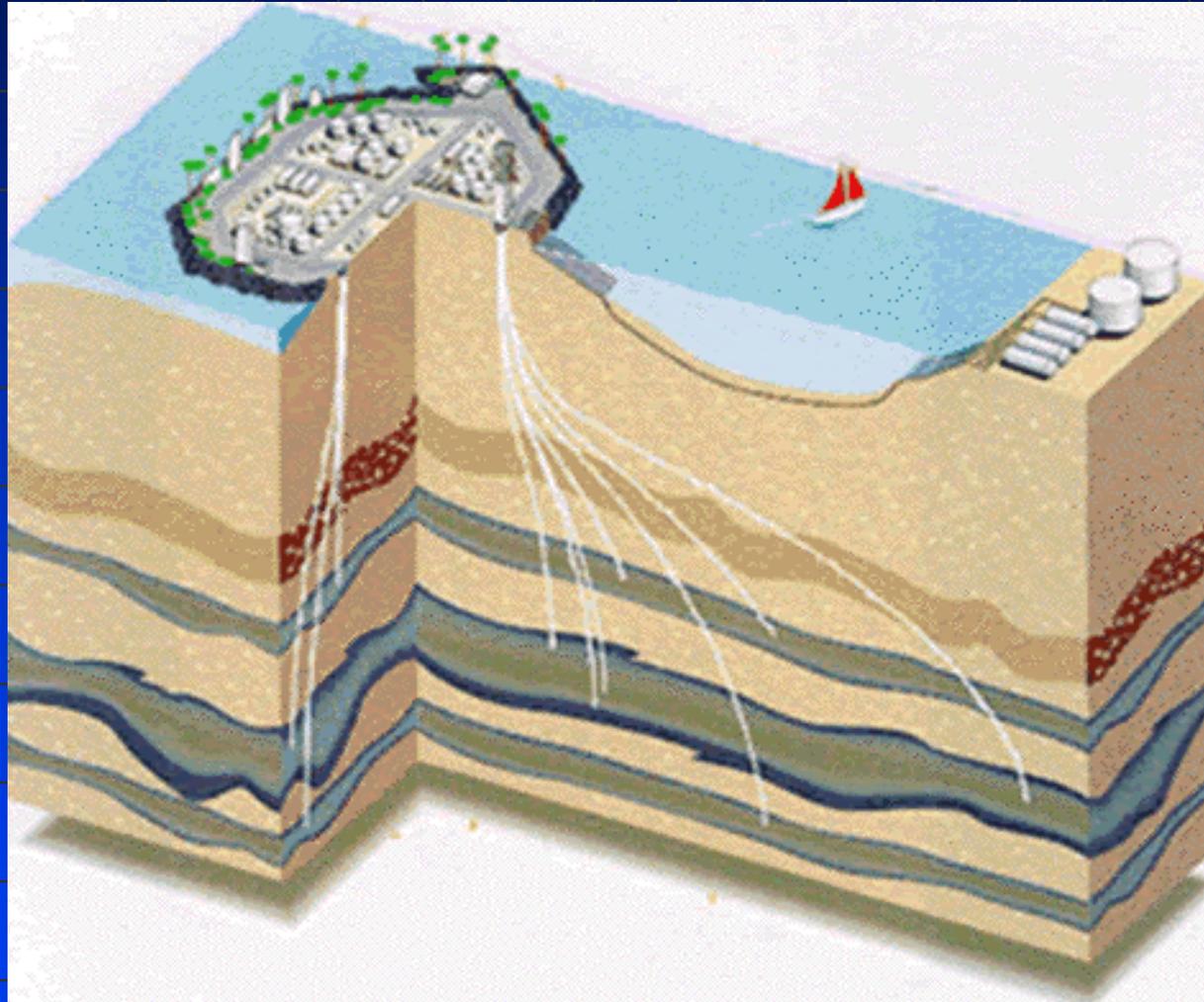
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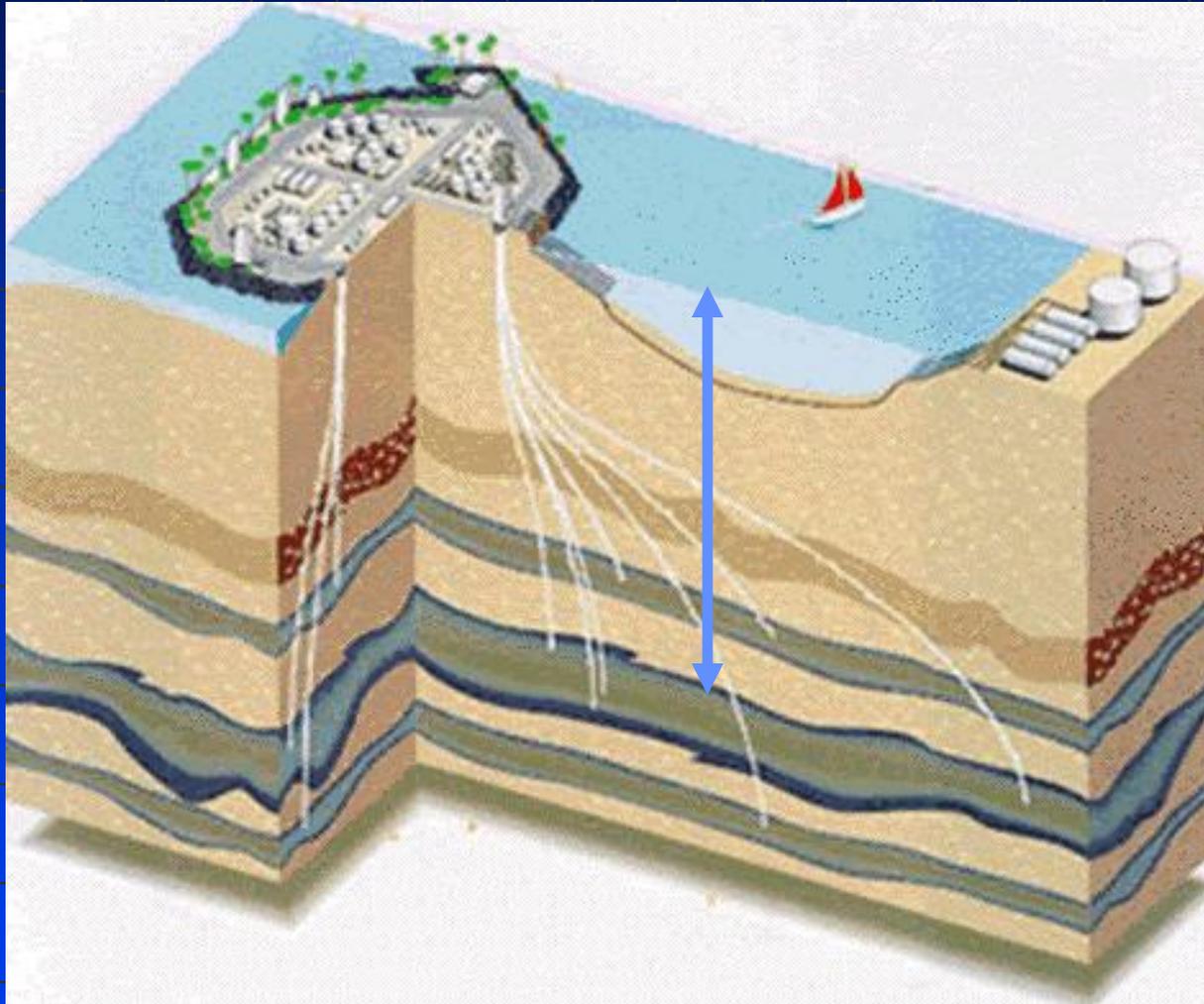


# Why Hasn't the Pressure All Leaked Out?



# Because it Leaks in!

Pressure = H<sub>2</sub>O Density x g x Depth  
(about 2500 P.S.I. / mile)



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#### KEYWORDS

Radiohalos,  $^{218}\text{Po}$ ,  $^{214}\text{Po}$ ,  $^{210}\text{Po}$ ,  $^{238}\text{U}$ ,  $^{232}\text{Th}$ , granitic plutons, biotites, zircons, monazites, hydrothermal fluids,  $^{222}\text{Rn}$ , radiocenters, accelerated decay and heat flow, rapid hydrothermal fluid flows, rapid regional metamorphism, rapid pluton cooling, rapidly formed metallic ore deposits

#### ABSTRACT

The origin and significance of radiohalos, particularly the  $^{218}\text{Po}$ ,  $^{214}\text{Po}$  and  $^{210}\text{Po}$  radiohalos, have been debated for almost a century, perhaps largely because their geological distribution has been poorly understood. In this study samples from three granitic plutons were scanned under microscopes for radiohalos as part of a larger project to investigate the geological occurrence and global distribution of all types of radiohalos. These three granitic plutons were all demonstrated to have formed during the Flood, but all contained  $^{210}\text{Po}$ ,  $^{214}\text{Po}$  and  $^{238}\text{U}$  radiohalos, usually with  $^{210}\text{Po} \gg ^{214}\text{Po}$  and  $^{238}\text{U}$ ;  $^{218}\text{Po}$  radiohalos were rare, and  $^{232}\text{Th}$  radiohalos were abundant in one granitic pluton. Thus neither the Po radiohalos nor the granitic rocks could have been formed by fiat creation. Instead, a model is proposed in which hydrothermal fluids separated  $^{222}\text{Rn}$  and the Po isotopes from their parent  $^{238}\text{U}$  in zircons and transported them very short distances along cleavage planes in the host, and adjacent, biotites until the  $^{222}\text{Rn}$  decayed and the Po isotopes were chemically concentrated into radiocenters, there to subsequently produce the Po radiohalos. Furthermore, the very short half-lives of these isotopes require this transport process to be rapid (within days), and the observed fully-formed  $^{238}\text{U}$  and  $^{232}\text{Th}$  radiohalos imply at least 100 million years worth (at today's rates) of accelerated radioactive decay has occurred. Other implications include: accelerated heat flow during the Flood that helped catastrophically drive global tectonic and geological processes, including metamorphism and magma genesis; and rapid convective hydrothermal fluid flows that rapidly formed and cooled regional metamorphic complexes, rapidly cooled granitic and other plutons, and rapidly formed many metallic ore deposits.

#### INTRODUCTION

Radiohalos are minute zones of darkening surrounding tiny central mineral inclusions or crystals in some minerals. They are best expressed in certain minerals in rock thin sections, notably in the black mica, biotite, where the tiny inclusions (or radiocenters) are usually zircon crystals. The significance of radiohalos is due to them being a physical, integral historical record of the decay of radioisotopes in the radiocenters over a period of time. First reported between 1880 and 1890, their origin was a mystery until the discovery of radioactivity. Then in 1907 Joly [79] and M $\ddot{u}$ gge [100] independently suggested that the darkening of the minerals around the central inclusions is due to the alpha ( $\alpha$ ) particles produced by  $\alpha$ -decays in the radiocenters. These  $\alpha$ -particles damage the crystal structure of the surrounding minerals, producing concentric shells of darkening or discoloration. When observed in thin sections these shells are concentric circles with diameters between 10 and 40 $\mu\text{m}$ , simply representing planar sections through the concentric spheres centered around the inclusions [37].

Many years of subsequent investigations have established that the radii of the concentric circles of the radiohalos in section are related to the  $\alpha$ -decay energies. This enables the radioisotopes responsible for the  $\alpha$ -decays to be identified [38, 44, 45, 46, 117]. Most importantly, when the central inclusions, or radiocenters, are small (about  $1\mu\text{m}$ ) the radiohalos around them have been unequivocally demonstrated to be the products of the  $\alpha$ -emitting members of the  $^{238}\text{U}$  and the  $^{232}\text{Th}$  decay series. The radii of the concentric multiple spheres, or rings in thin sections, correspond to the ranges in the host minerals of the  $\alpha$ -particles from the  $\alpha$ -emitting radioisotopes in those two decay series [37, 38, 44].  $^{238}\text{U}$  radiohalos have



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MEASURABLE  $^{14}\text{C}$  IN FOSSILIZED ORGANIC MATERIALS:  
CONFIRMING THE YOUNG EARTH CREATION-FLOOD MODEL

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**KEYWORDS:** radiocarbon, AMS  $^{14}\text{C}$  analysis,  $^{14}\text{C}$  dead,  $^{14}\text{C}$  background,  $^{14}\text{C}$  contamination, uniformitarianism, young earth, Genesis Flood

#### ABSTRACT

Given the short  $^{14}\text{C}$  half-life of 5730 years, organic materials purportedly older than 250,000 years, corresponding to 43.6 half-lives, should contain absolutely no detectable  $^{14}\text{C}$ . (One gram of modern carbon contains about  $6 \times 10^{10}$   $^{14}\text{C}$  atoms, and 43.6 half-lives should reduce that number by a factor of  $7.3 \times 10^{-14}$ .) An astonishing discovery made over the past twenty years is that, almost without exception, when tested by highly sensitive accelerator mass spectrometer (AMS) methods, organic samples from every portion of the Phanerozoic record show detectable amounts of  $^{14}\text{C}$ !  $^{14}\text{C}/\text{C}$  ratios from all but the youngest Phanerozoic samples appear to be clustered in the range 0.1-0.5 pmc (percent modern carbon), regardless of geological 'age.' A straightforward conclusion that can be drawn from these observations is that all but the very youngest Phanerozoic organic material was buried contemporaneously much less than 250,000 years ago. This is consistent with the Biblical account of a global Flood that destroyed most of the air-breathing life on the planet in a single brief cataclysm only a few thousand years ago.

#### INTRODUCTION

Giem [18] reviewed the literature and tabulated about seventy reported AMS measurements of  $^{14}\text{C}$  in organic materials from the geologic record that, according to the conventional geologic time-scale, should be  $^{14}\text{C}$  'dead.' The surprising result is that organic samples from every portion of the Phanerozoic record show detectable amounts of  $^{14}\text{C}$ . For the measurements considered most reliable, the  $^{14}\text{C}/\text{C}$  ratios appear to fall in the range 0.1-0.5 percent of the modern  $^{14}\text{C}/\text{C}$  ratio (percent modern carbon, or pmc). Giem demonstrates instrument error can be eliminated as an explanation on experimental grounds. He shows contamination of the  $^{14}\text{C}$ -bearing fossil material *in situ* is unlikely but theoretically possible and is a testable hypothesis, while contamination during sample preparation is a genuine problem but largely solved by two decades of improvement in laboratory procedures. He concludes the  $^{14}\text{C}$  detected in these samples most likely is from the organisms from which the samples

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Dr. Paul Giem

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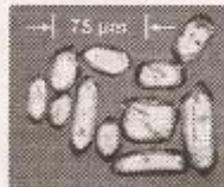
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However, until a few years ago nobody had done the experimental and theoretical studies necessary to confirm this conclusion quantitatively. There was only one (ambiguously reported) measurement of helium diffusion through zircon [18]. There were no measurements of helium diffusion through biotite, the black mica surrounding the zircons. In 2000 the RATE project [14] began experiments to measure the diffusion rates of helium in zircon and biotite specifically from the Jemez Granodiorite. The data, reported here, are consistent with data for a mica related to biotite [17], with recently reported data for zircon [19] and with a reasonable interpretation of the earlier zircon data [18]. We show that these data limit the age of these rocks to between 4,000 and 14,000 years. These results support our hypothesis of accelerated nuclear decay and represent strong scientific evidence for the young world of Scripture.

**1. INTRODUCTION**

A significant fraction of the earth's radioactive elements, particularly uranium and thorium, appear to be in the granitic rock of the upper continental crust. Uranium and thorium tend to be localized in the granites inside special minerals such as zircon (zirconium silicate,  $ZrSiO_4$ ). Zircon has high hardness, high density, and high melting point, often forming microscopic, stubby, prismatic crystals with dipyramidal terminations (Fig. 1), commonly grayish, yellowish, or reddish brown. Atoms of uranium and thorium within cooling magma replace up to 4% of the normal zirconium atoms within the



*Figure 1 Zircons from the Jemez Granodiorite. Photo by R. V. Gentry.*

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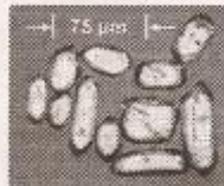


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(18) “Our measurements (Appendix B) show that except for possibly samples 5 and 6, the concentration of helium in the biotite [sect. 6, between eqs. (7) and (8)] is much lower than in the zircons. Diffusion always flows from greater to lesser concentrations.”

(Fenton Hill area has a complex thermal history)

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# Dinosaurs and Humans Together?



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**Why did so many fossils form  
- and why so perfectly?**



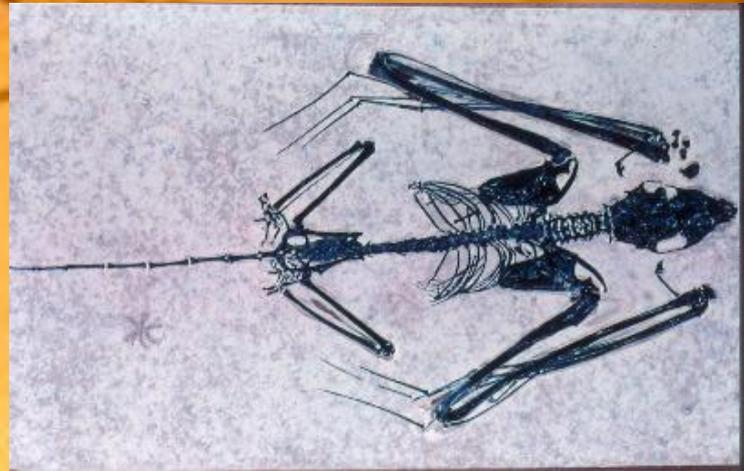
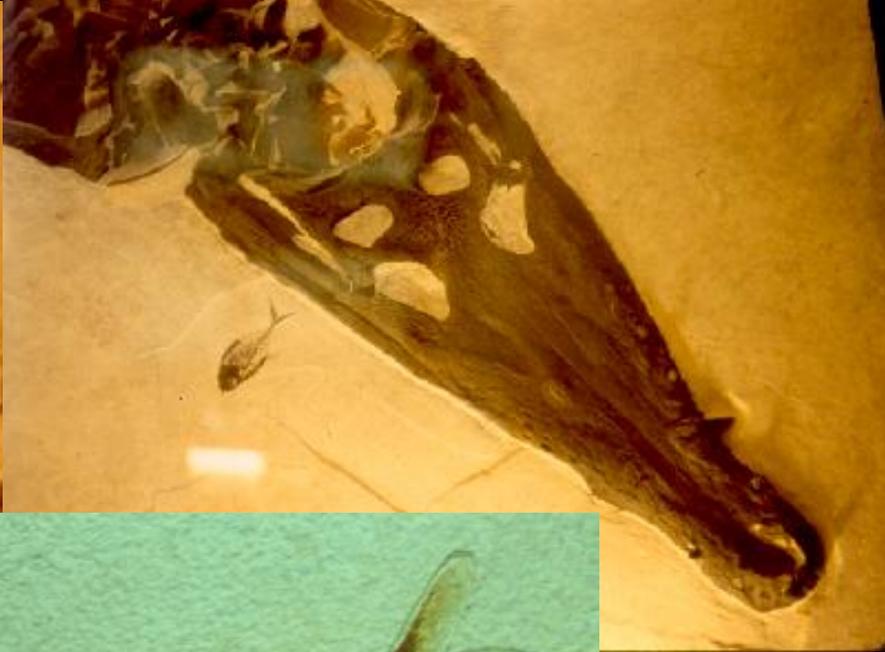
# The Answer: Lake Bonnivile



# The Boniville Salt Flats







# Polystrate Fossil:



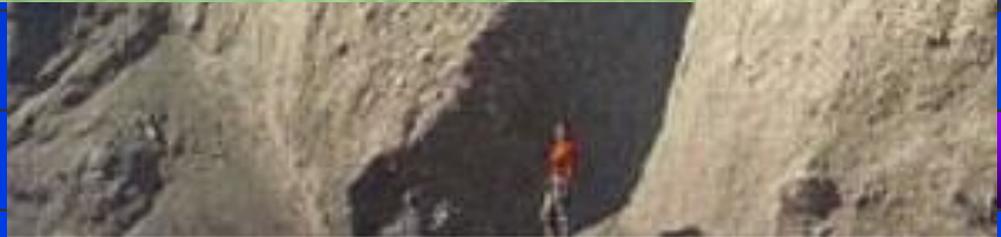
**Mt. St. Helens deposited 25 feet of varve-like layers in just 5 hours.**



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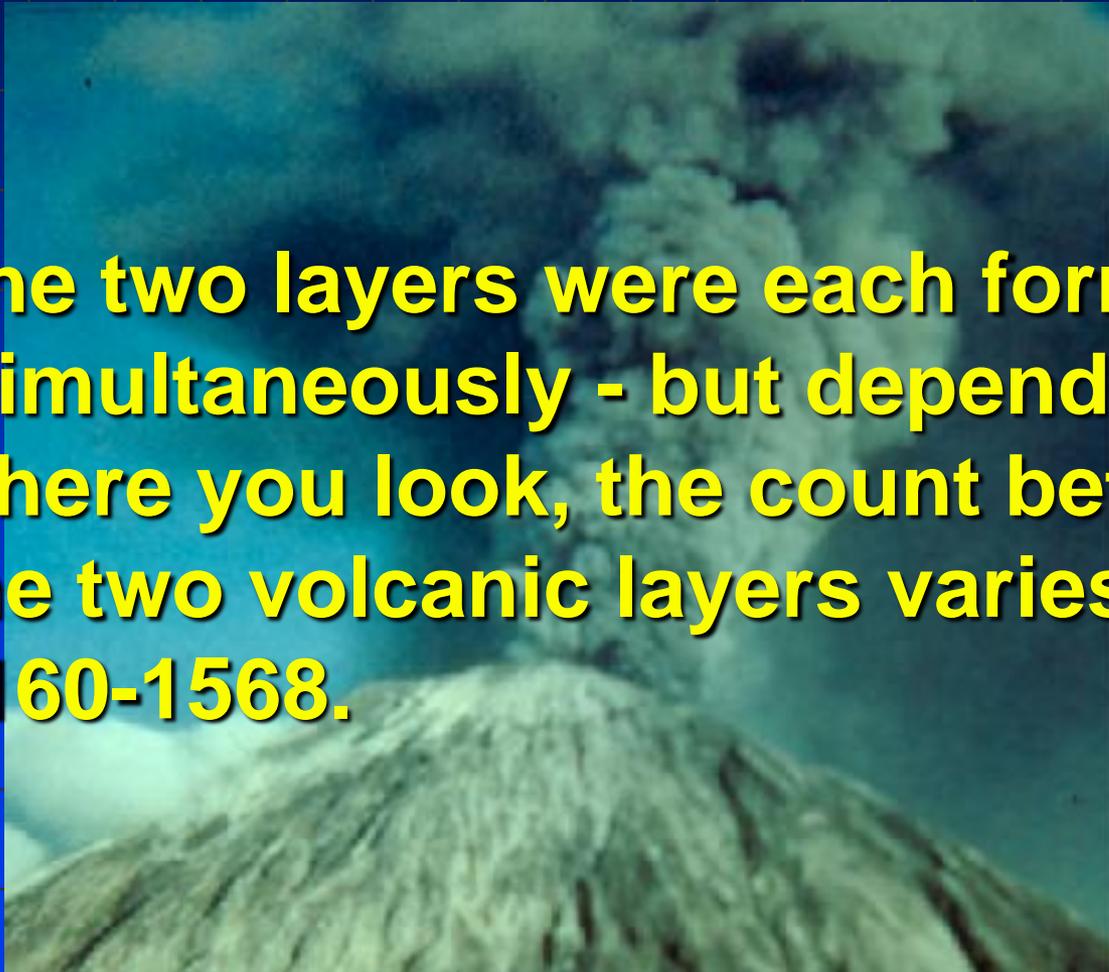


# Volcanic Ash Covered the Lake Two Times



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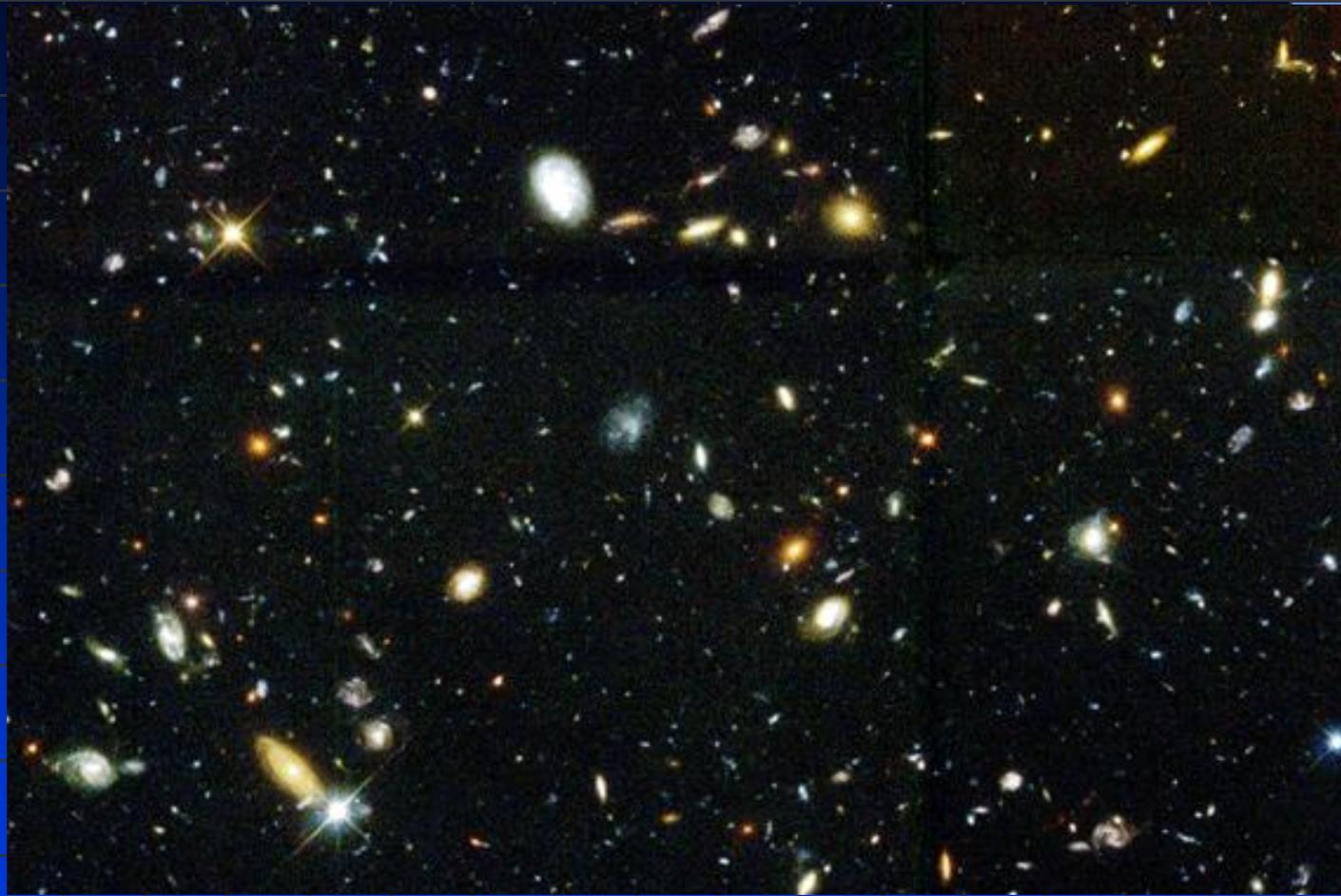
The two layers were each formed simultaneously - but depending on where you look, the count between the two volcanic layers varies from 1160-1568.



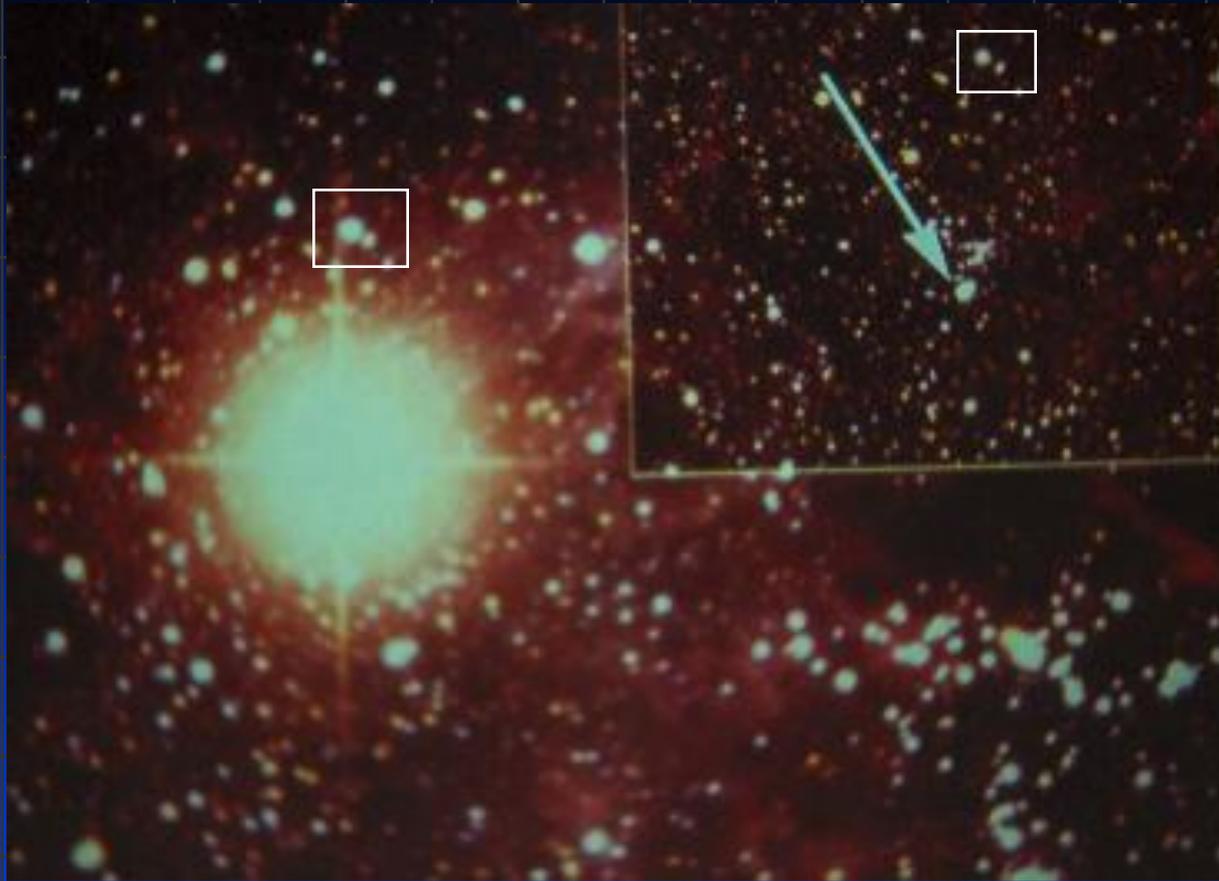
# A Dry Lake:



Climatic Variation Over Time



Galaxies are far away, yet visible to us



Exploding Star sn1987a

160,000 ly

The heavens declare the glory of God;  
and the firmament sheweth his handywork.  
Day unto day uttereth speech, and **night**  
**unto night sheweth knowledge.**

- Psalm 19:1,2

For the invisible things of him from the creation of the world are clearly seen, being understood by the things that are made, even his eternal power and Godhead; so that they are without excuse.

- Romans 1:20

# The Attributes of God

## Natural Attributes:

Omnipotent

Immutable

Omniscient

Eternal

Omnipresent

Invisible

Creator

## Moral Attributes:

Truthful, Faithful

Holy

Sovereign

Loving, Good

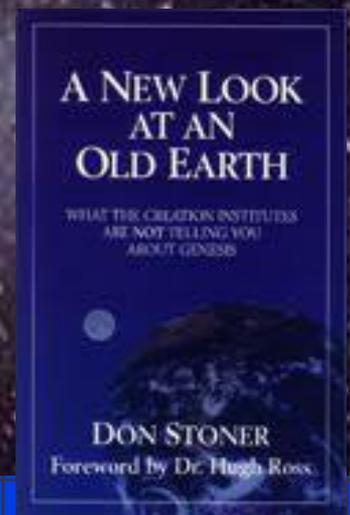
Merciful, Gracious

Just, Righteous

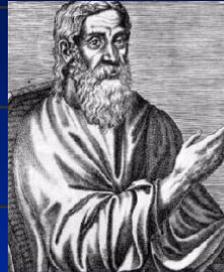
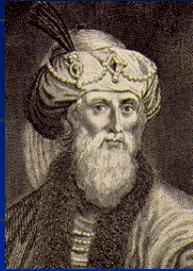
Wise, Patient

# Old Earth Creation

Don Stoner



# The Early Jewish and Christian Writers' opinions on creation "days":



Philo (c20BC-AD45)

Josephus (AD37- after 100)

Irenaeus (c130-202)

Clement of Alexandria (AD150-215)

Origen (cAD185-254)

Augustin (AD354-430)

no time at all

will explain later

1000 years is ok

same as Philo

still in long 7th day

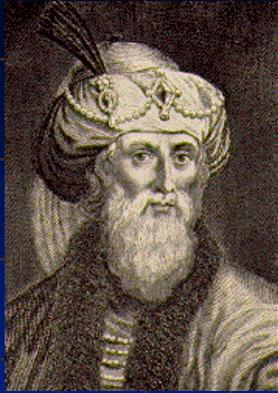
not literal days



## Philo (c20BC-AD45)

“It would be a sign of great simplicity to think that the world was created in six days, or indeed at all in time.”

“He says that the world was made in six days, not because the Creator stood in need of a length of time ... but because the things created needed arrangement; and number is akin to arrangement; and, of all numbers, six ... is the first perfect one, being made equal to its parts, and being made complete by them; the number three being half of it, and the number two a third of it, and the unit a sixth of it, and, so to say, it is formed so as to be both male [meaning odd] and female [meaning even].”



## Josephus (AD37- after 100)

“Moses said it was one day, - the cause of which I am able to give even now; but because I have promised to give such reasons for all things in a treatise by itself, I shall put off its exposition till that time.”

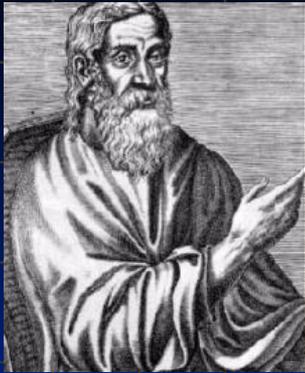
(he never got back to it)



## Irenaeus (c130-202)

“Thus, then, in the day that they did eat, in the same did they die, and became death’s debtors, since it was one day of the creation.

For it is said, ‘There was made in the evening, and there was made in the morning, one day.’ ... Now he died on the same day in which he did eat. ... And there are some, again, who relegate the death of Adam to the thousandth year; for since ‘a day of the Lord is as a thousand years,’ he did not overstep the thousand years but died within them. ... one and the same day on which they ate they also died (for it is one day of the creation).”



## Clement of Alexandria (AD150-215)

“And how could creation take place in time.”

“The creation of the world was concluded in six days. ... And as marriage generates from male to female, so six is generated from the odd number three, which is called the masculine number, and the even number two, which is considered the feminine. For twice three are six. ...”



## Origen (cAD185-254)

“... We found fault with those who, taking the words in their apparent signification, said that the time of six days was occupied in the creation of the world. ... For he knows nothing of the day of the Sabbath and rest of God, which follows the completion of the world’s creation, and which lasts during the duration of the world.”



## Augustin (AD354-430)

“What kind of days these were is extremely difficult, or perhaps impossible for us to conceive, and how much more to say. ... We see, indeed that our ordinary days have no evening but by the setting, and no morning but by the rising, of the sun; but the first three days of all were passed without sun, since it is reported to have been made on the fourth day.”

“... But the seventh day is without evening, nor has it any setting, because Thou hast sanctified it to an everlasting continuance.”

## We Ought to See a Shadow of God's Eternal Nature

Since the creation of the world God's invisible qualities - his **eternal** power and divine nature - have been **clearly seen**, being **understood from what has been made**, so that men are without excuse. - Romans 1:20

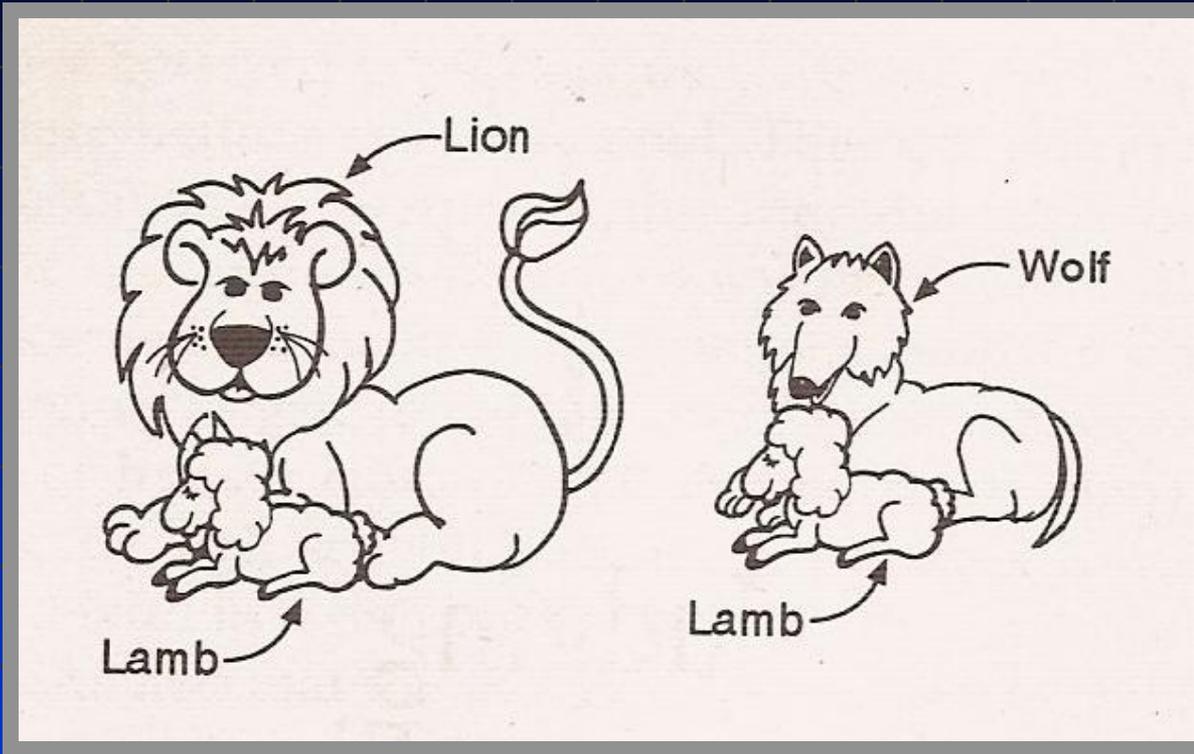
D = R X T



# The Bible as our only authority:



Do we remember what it says? 139



Which is more Biblical?

See Isaiah 11:6, and Isaiah 65:25

“The **wolf** also shall dwell with the **lamb**,  
and the leopard shall **lie down** with the  
kid; and the calf and the young **lion** and  
the fatling together; and a little child  
shall lead them.”

- Isaiah 11:6

# K.J.V. English Bible (c.1600)



Do we understand English?

“Recent” English (c.1800)

“Jimmy crack corn,  
I don’t care.

Old master’s gone away.”

Jimmy:



Crack:



Corn:



I don't care. Old master's gone.

Jimmy:



Crack:



Corn:



I don't care. Old master's gone.

Jimmy:



Crack: (as in crack a joke)

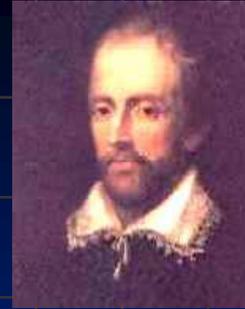
Corn: old southern slang for joke  
(as in that's corny)

I don't care. Old master's gone.

# Older English (1590) :

## The Faerie Queen

by Edmund Spenser



A gentle Knight was pricking on the plaine,  
Ycladd in mightie armes and silver shielde,  
Wherein old dints of deepe woundes did remaine,  
The cruell marks of many' a bloody fielde;  
Yet armes till that time did he never wield.  
**His angry steede did chide his foaming bitt,**  
**As much disdayning to the curbe to yield:**  
Full jolly knight he seemed, and faire did sitt,  
As one for knightly guists and fierce encounters fitt.

- BOOK I, CANTO I

# “To the curbe to yield”



“To the curbe to yield”



AD 1590?

His angry steede did chide his  
foaming bitt, As much disdayning  
to the curbe to yield:



Curb Bit



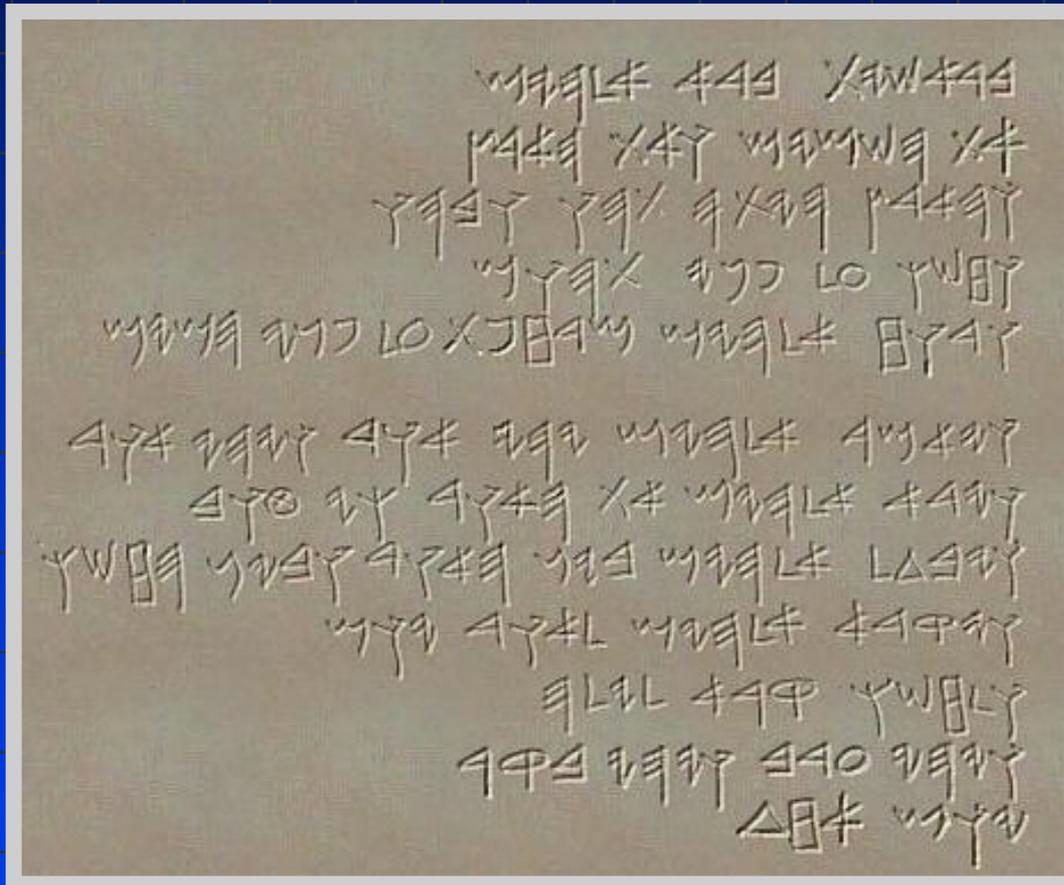
“Old” English (AD 1000):

On anginne gesceop God  
heofenan and erodan.

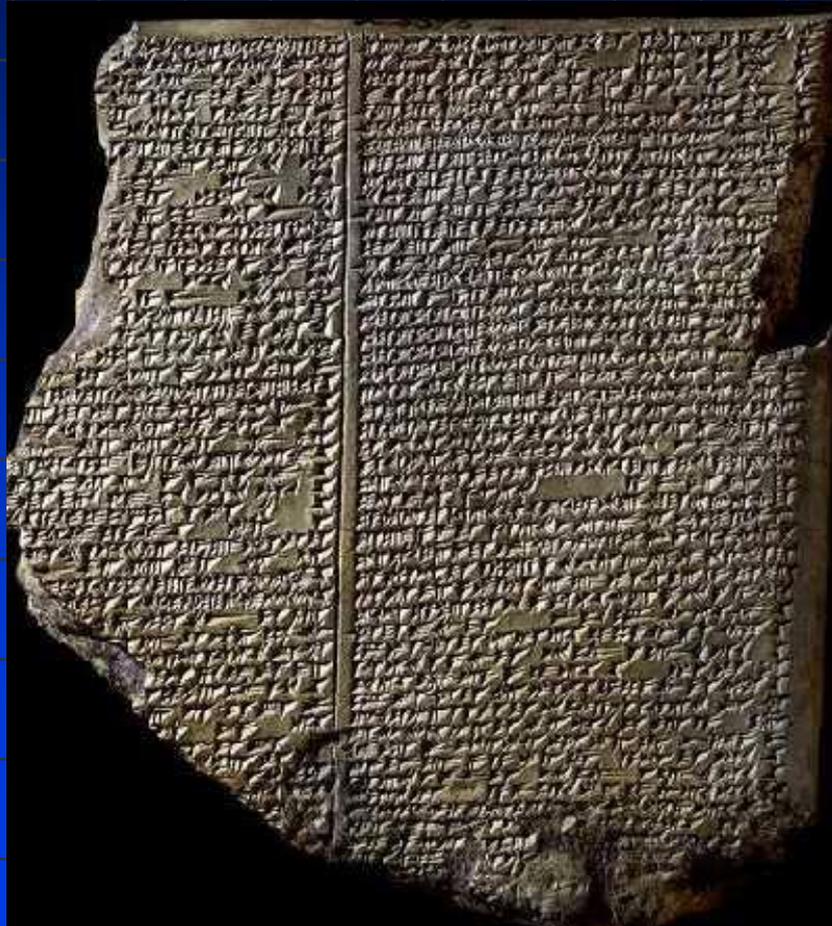
# “Original” Hebrew (540 BC):

וַיֵּרָא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ  
וְהָאָרֶץ הָיְתָה תָהוּ וּבָהוּ וְחָשֶׁךְ עַל פְּנֵי תְהוֹמוֹתָהּ  
אֱלֹהִים מִרְחֹקַת עַל פְּנֵי הַמַּיִם וַיֹּאמֶר אֱלֹהִים יְהִי  
אוֹר וַיְהִי אוֹר וַיֵּרָא אֱלֹהִים אֶת הָאוֹר כִּי טוֹב  
וַיַּבְדֵּל אֱלֹהִים בֵּין הָאוֹר וּבֵין הַחֹשֶׁךְ וַיִּבְרָא  
אֱלֹהִים לְאוֹר יוֹם וּלְחֹשֶׁךְ קִרָּא לַיְלָה וַיְהִי עֶרֶב  
וַיְהִי בֹקֶר יוֹם אֶחָד

# Older Hebrew:



# Gilgamesh Flood Tablet:



## We Ought to See a Shadow of God's Eternal Nature

Since the creation of the world God's invisible qualities - his **eternal** power and divine nature - have been **clearly seen**, being **understood from what has been made**, so that men are without excuse. - Romans 1:20

D = R X T



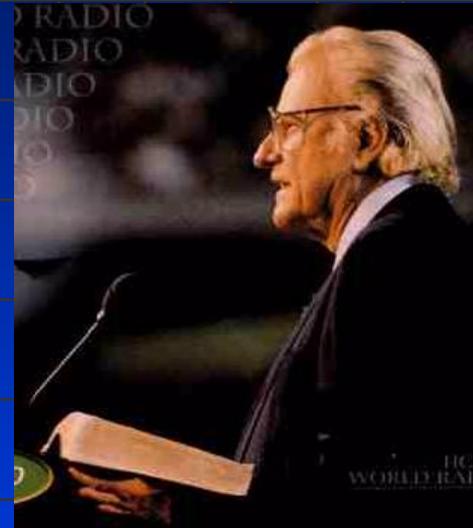
# Science and the Bible:

Scientist



Richard Dawkins  
(evolutionist)

Christian



Billy Graham  
(creationist)

# Science and the Bible:

Scientist



Richard Dawkins  
(evolutionist)

the Bible



# Science and the Bible

(there are really four terms)

1) Science

the study of



3) The Creation

2) Theology

the study of



4) The Bible

# “Science and the Bible”

1) Science

2) Theology

The Bible is the Word of God



3) The Creation

4) The Bible



# “Science and the Bible”



1) Science



2) Theology

Science is a creation of man

3) The Creation

4) The Bible



# “Science and the Bible”



Which should we believe?

1) Science

the study of



3) The Creation

2) Theology

the study of



4) The Bible



# “Science and the Bible”



1) Science

2) Theology

Both are creations of God



3) The Creation



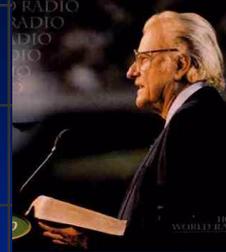
4) The Bible



# “Science and the Bible”



1) Science



2) Theology



Both are creations of man

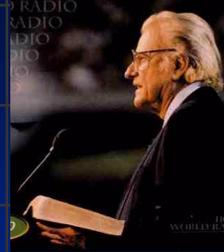
3) The Creation



4) The Bible



# “Science and the Bible”



1) Science

2) Theology

the study of



the study of



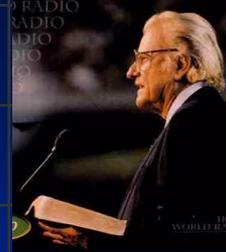
3) The Creation



4) The Bible



# “Science and the Bible”



1) Science

2) Theology

the study of



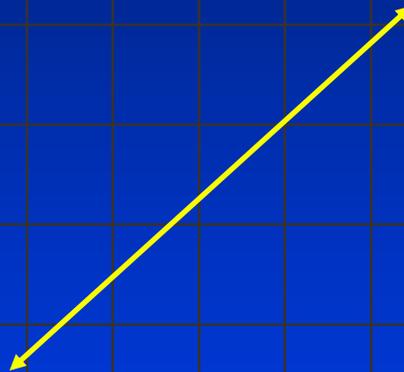
the study of



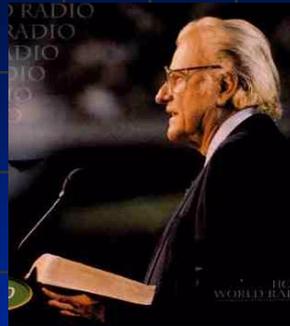
3) The Creation



4) The Bible



**Non-Scientist  
Christian**



Billy Graham

**Scientist  
Non-Christian**



Richard Dawkins

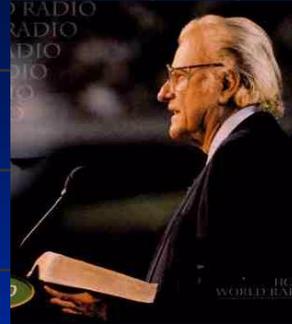


**Scientist  
Christian**



Duane Gish

**Non-Scientist  
Christian**



Billy Graham

**Scientist  
Non-Christian**



Richard Dawkins

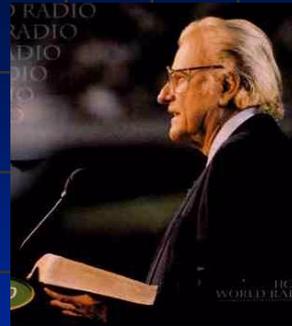


**Scientist  
Christian**



Duane Gish

**Non-Scientist  
Christian**



Billy Graham

**Scientist  
Non-Christian**



Richard Dawkins

**Non-Scientist  
Non-Christian**

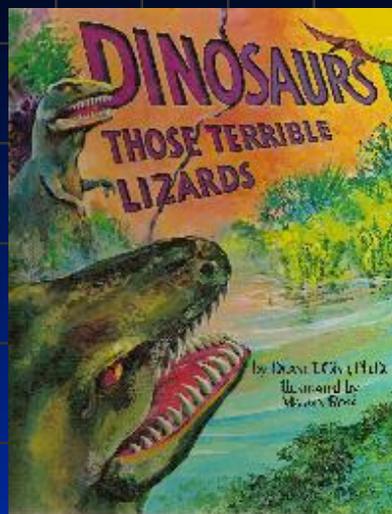


Osama Bin Laden





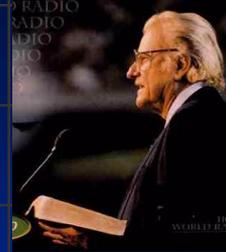
Duane Gish Ph.D.



“The bombardier beetle mixes up two kinds of chemicals - hydrogen peroxide and hydroquinone. Now the marvelous thing about this is, if you or I went into a chemistry laboratory and mixed up these two chemicals - BOOM! We would blow ourselves up.”

(pp. 51, 52)

# “Science and the Bible”



## 1) Science

## 2) Theology

the study of



## 3) The Creation



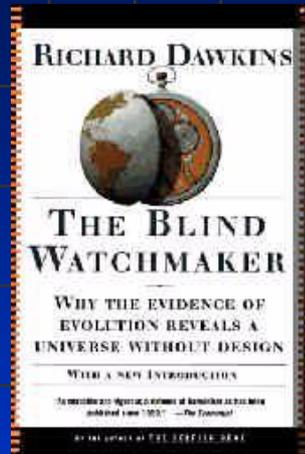
the study of



## 4) The Bible



# Test everything. - 1 Thess. 5:21



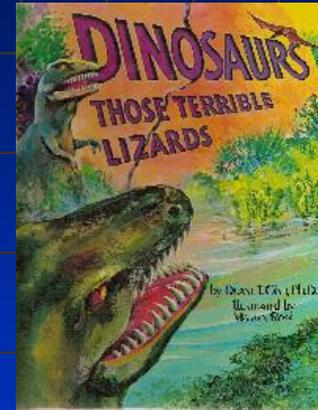
Richard Dawkins (**evolutionist**)

“I poured hydrogen peroxide into the hydroquinone, and absolutely nothing happened”  
(p.87)

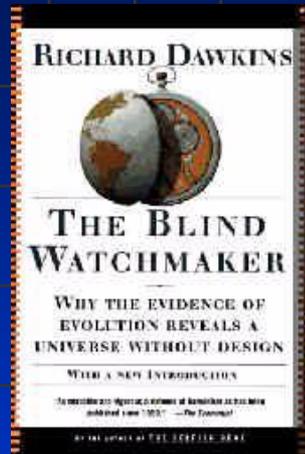


Duane Gish (**creationist**)

“If you or I went into a chemistry laboratory and mixed up these two chemicals - BOOM!  
We would blow ourselves up.”  
(p. 52)

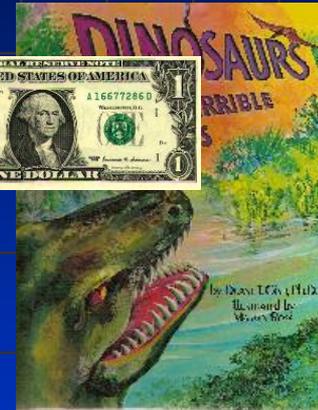


# Test everything. - 1 Thess. 5:21



Richard Dawkins (**evolutionist**)

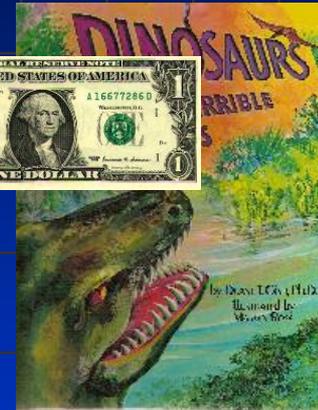
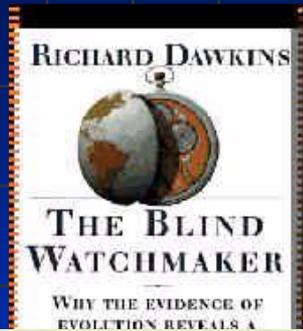
“I poured hydrogen peroxide into the hydroquinone, and absolutely nothing happened”  
(p.87)



Duane Gish (**creationist**)

“If you or I went into a chemistry laboratory and mixed up these two chemicals - BOOM!  
We would blow ourselves up.”  
(p. 52)

# Test everything. - 1 Thess. 5:21



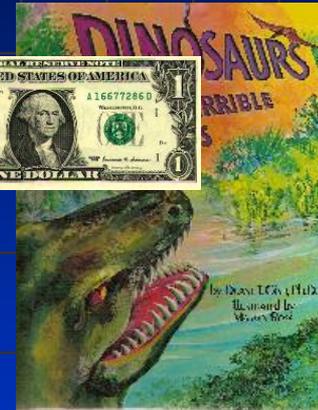
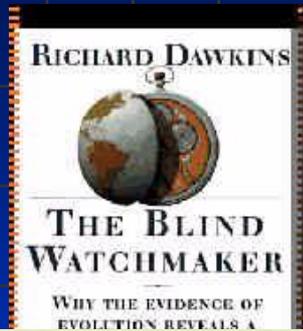
Richard Dawkins  
“I poured hydrogen peroxide  
into the hydrogen peroxide  
absolutely no



Duane Gish (creationist)  
“If you or I went into a chemistry  
laboratory and mixed up these  
two chemicals - BOOM!  
We would blow ourselves up.”

(p. 52)

# Test everything. - 1 Thess. 5:21



Richard Dawkins  
“I poured hydro  
into the hydro  
absolutely no

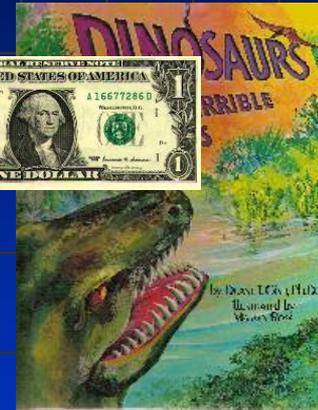
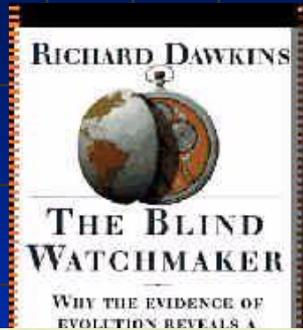


D (creationist)  
“I poured hydrogen peroxide into a chemistry  
and mixed up these  
s - BOOM!  
“We should show ourselves up.”



(p. 52)

# Test everything. - 1 Thess. 5:21



Richard Dawkins  
“I poured hydro  
into the hydro  
absolutely no



Dawkins (creationist)  
“I poured hydrogen peroxide into a chemistry  
set and mixed up these  
things - BOOM!  
We can now show ourselves up.”



(p. 52)

# Experimental Result:



# Experimental Result:



Nothing happens.

# Experimental Result:



Nothing happens.

We are convinced we were wrong.



# Experimental Result:



Nothing happens.

Duane Gish revised his book:



# Experimental Result:



Nothing happens.

Why is “science” so convincing?

# Science:

The direct study of God's creation

1) Science

2) Theology

Both are creations of God



3) The Creation



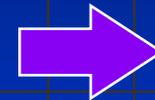
4) The Bible



# The Bible endorses the Creation:

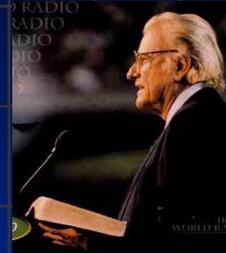
The **heavens** declare the glory of God;  
and the firmament sheweth his handywork.  
Day unto day uttereth speech, and night  
unto night sheweth knowledge.

- Psalm 19:1,2



For the invisible things of him from the **creation**  
of the world are clearly seen, being understood  
by the things that are made, even his eternal  
power and Godhead; so that they are without  
excuse. - Romans 1:20

# “Science and the Bible”



1) Science



2) Theology



Both are creations of man

3) The Creation



4) The Bible



# “Science and the Bible”



1) Science



2) Theology



Both are creations of man

3) The Creation



4) The Bible



**If the plain sense  
makes sense,  
look for no other sense**

**- not the Bible**

**Test everything!**

**Cling to that  
which rings true.**

**Discard all that you  
regard to be garbage.**

**- 1 Thess. 5:21, 22 (DST)**

If the plain sense  
makes sense,  
**test it anyway!**

**(Biblical approach)**

“Old” English (AD 1000):

On anginne gesceop God  
heofenan and erodan.

וְיִשְׁעֵי יְהוָה בְּרֹא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ  
וְהָאָרֶץ הִיטָה תְהוֹ וַתְּהוּ וַחֲשֵׁךְ עַל פְּנֵי תְהוֹמוֹתָהּ  
אֱלֹהִים מִרְחֶפֶת עַל פְּנֵי הַמַּיִם וַיֹּאמֶר אֱלֹהִים יְהִי  
אוֹר וַיְהִי אוֹר וַיֹּרֶא אֱלֹהִים אֶת הָאוֹר וְהִ טוֹב  
וַיִּבְרָא אֱלֹהִים הַיּוֹם הָאוֹר וַיִּבְרָא הַחֹשֶׁךְ וַיִּבְרָא  
אֱלֹהִים לְאוֹר יוֹם וּלְחֹשֶׁךְ לַיְלָה וַיְהִי עֶרְבַּ  
וַיְהִי בֹקֶר יוֹם אֶחָד

וַיֵּרָא אֱלֹהִים בְּרֹא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ  
וְהָאָרֶץ הָיְתָה תְהוֹ וּבְהוֹ וְחֹשֶׁךְ עַל פְּנֵי תְהוֹמוֹרוֹת

אֱלֹהִים מִרְחַפֵּת עַל  
אֹר וַיְהִי אֹר וַיֵּרָא אֱלֹהִים  
וַיִּבְרָא אֱלֹהִים בְּהוֹ  
אֱלֹהִים לְאֹר יוֹם וַיְהִי  
וַיְהִי בֹקֵר יוֹם אֶחָד

אֱלֹהִים מִרְחַפֵּת עַל  
אֹר וַיְהִי אֹר וַיֵּרָא אֱלֹהִים  
וַיִּבְרָא אֱלֹהִים בְּהוֹ  
אֱלֹהִים לְאֹר יוֹם וַיְהִי  
וַיְהִי בֹקֵר יוֹם אֶחָד

וְרָא שֵׁית בְּרָא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ  
וְהָאָרֶץ הָיְתָה תְהוֹ וּבְהוֹ וְחֹשֶׁךְ עַל פְּנֵי תְהוֹם וּרְחוֹם

אֱלֹהִים מְרַחֵף עַל  
אֵיךְ וַיְהִי אֹר וְיָרָא אֵל  
וַיִּבְרָא אֱלֹהִים  
וַיִּבְרָא אֱלֹהִים

אֱלֹהִים מְרַחֵף עַל  
אֵיךְ וַיְהִי אֹר וְיָרָא אֵל  
וַיִּבְרָא אֱלֹהִים  
וַיִּבְרָא אֱלֹהִים



# The **day** of the horse and buggy





24 Hour  
Emergency  
Call Out  
Service

email us  
around the clock

Aaron and his sons are to keep the lamps burning before the Lord **from evening till morning**. This is to be a lasting ordinance among the Israelites for the generations to come. - Exodus 27:21

Aaron is to tend the lamps before the Lord **from evening till morning, continually**. This is to be a lasting ordinance for the generations to come. - Leviticus 24:3

It will be a unique **day**  
(literally **one day**),  
without daytime or nighttime  
- a day known to the Lord.  
When **evening** comes,  
there will be **light**.

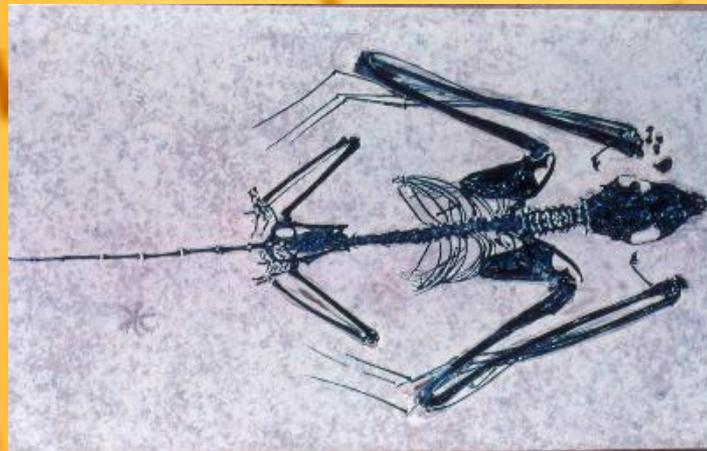
- Zech. 14:7

## We Ought to See a Shadow of God's Eternal Nature

Since the creation of the world God's invisible qualities - his **eternal** power and divine nature - have been **clearly seen**, being **understood from what has been made**, so that men are without excuse. - Romans 1:20

D = R X T





**Death  
Before  
the Fall?**

1) Adam was told **he** would die as a result of his own sin. (Gen. 2:17)

2) Paul points out that **men** died as a result of Adam's sin. (Romans 5:12)

“... sin entered the world through one man, and death through sin, and in this way **death came to all men**, because all sinned ...”

But what do we know about the cause of animal death? What about plant death?

# And what about Jesus?

Why was his death a sacrifice  
instead of merely payment due?

(He was not guilty of sin nor was he  
under its curse Heb. 4:15, 1 Jn. 3:5)

**If death came to “all men,” then why was Jesus exempt?**

**Even those who lived between Adam and Moses (and had therefore broken no law) were under the curse of sin and death - and they all died. (Romans 5:14)**

**Why was Jesus’ death different?**

**(Because he was somehow disconnected from Adam’s bloodline.)**

**Are animals connected to Adam's bloodline in any way whatsoever?**



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And God said, Let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for **days**, and years:

-Genesis 1:14

And God said, Let there be lights in the firmament of the heaven to divide the **day** from the night; and let them be for signs, and for seasons, and for **days**, and years:

-Genesis 1:14

These are the generations of  
the heavens and of the earth  
when they were created, in the  
**day** that the LORD God made  
the earth and the heavens,  
And every plant of the field  
before it was in the earth, and  
every herb of the field.

-Genesis 2:4

**But Jesus said unto him,  
Follow me; and let the  
dead bury their dead.**

**-Matthew 8:22**

**(dead = νεκρος)**

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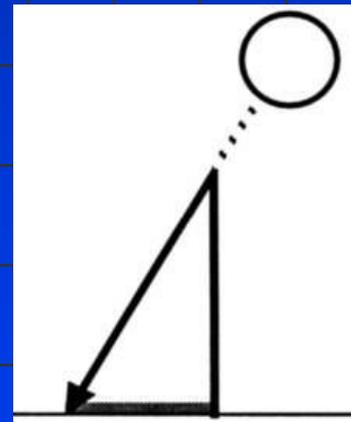


**Six days shalt thou labour, and do all thy work: But the seventh day is the sabbath of the LORD thy God:** in it thou shalt not do any work, thou, nor thy son, nor thy daughter, thy manservant, nor thy maid-servant, nor thy cattle, nor thy stranger that is within thy gates: **For in six days the LORD made heaven and earth,** the sea, and all that in them is, and **rested the seventh day:** wherefore the LORD blessed the sabbath day, and hallowed it.

- Exodus 20:9-11

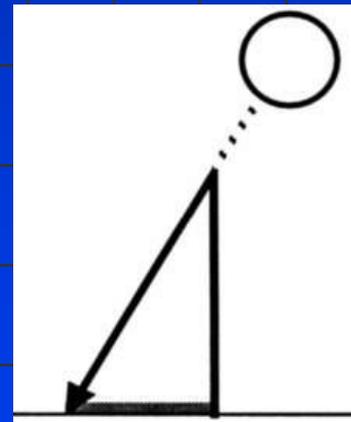
Let no man therefore judge you in meat,  
or in drink, or in respect of an holyday,  
or of the new moon, or of the **sabbath**  
days: Which are a **shadow** of things to  
come; but the body is of Christ.

- Colossians 2:16-17



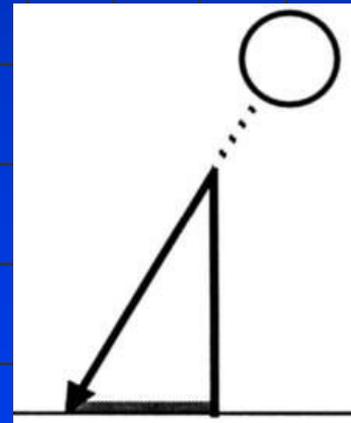
Who serve unto the example and **shadow** of heavenly things, as Moses was admonished of God when he was about to make the tabernacle: for, See, saith he, that thou make all things according to the pattern shewed to thee in the mount. .

- Hebrews 8:5



**Six years thou shalt sow thy field,**  
and six years thou shalt prune thy  
vineyard, and gather in the fruit  
thereof; **But in the seventh year**  
**shall be a sabbath of rest unto the**  
**land, a sabbath for the LORD:**  
Thou shalt neither sow thy field,  
nor prune thy vineyard.

- Leviticus 25:3-4



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But from the **beginning** of the creation  
God made them male and female.

- Mark 10:6

(not billions of years later)

But from the **beginning** of the creation  
God made them male and female.

- Mark 10:6

Day 6 is at the **end** of the creation

But from the beginning of the **creation**  
God made them male and female.

- Mark 10:6

**Creation** = ΚΤΙΣΙΣ:  
creation, institution or ordinance

Submit yourselves to every  
**ordinance** of man for the Lord's  
sake: whether it be to the king,  
as supreme.

- 1 Peter 2:13

**Ordinance** = ΚΤΙΣΙΣ:  
creation, institution or  
ordinance

And Jesus answered and said unto them, For the hardness of your heart he wrote you this **precept**. But from the beginning of the **creation** God made them male and female. For this cause shall a man leave his father and mother, and cleave to his wife; And they twain shall be one flesh: so then they are no more twain, but one flesh. What therefore **God hath joined together**, let not man put asunder.

- Mark 10:5-9

**Creation** = ΚΤΙΣΙΣ:  
creation, **institution or ordinance**

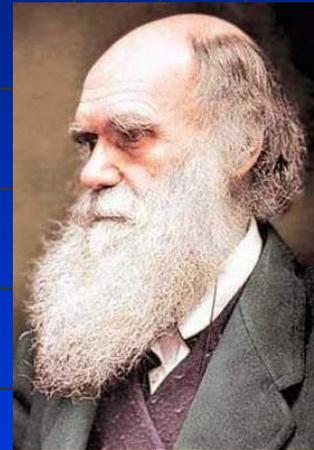
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**An early scientific version of the  
old-earth creationist position was  
Proposed during the late 1700s  
by James Hutton**



**Charles Darwin did not propose  
his theory until the late 1800s**

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