



Global or Local flood?
O'Malley Family Bible Study
July 24, 2012

Some things in the bible can be difficult to believe. Many of these things are unbelievable because of what we've been taught. When one has studied for themselves the unbelievable becomes believable. Noah's worldwide flood seems unbelievable by the sheer amount of water needed and where the water went to but does the bible say it was a worldwide flood?

When the bible gives description it for a reason. It's facts that can be verified and since the bible is the word of God the facts will be proven true. Facts may be given either with a geographical reference, astronomical alignment, mathematical calculations, historical engagement, agronomical principles, financial laws..... All these are measurable, they are biblical sciences that can prove the bible is true. You can gain greater confidence that the bible is true in these areas so it'll be true in other areas.

There are many ways to investigate Noah's flood. This study will look at 5 areas:

- 1) Definition of the terms
- 2) The amount of water needed for a worldwide flood
- 3) Where the water receded to
- 4) The regeneration of man after the flood.
- 5) Case for a local flood.

1) Definition of terms

Earth in Gen7:21-22 is where it stated that all flesh died:

RSV Genesis 7:21-22

21 And all **flesh died that moved upon the earth**, birds, cattle, beasts, all swarming creatures that swarm upon the earth, and every man;

22 everything on the dry land in whose nostrils was the breath of life died.

Earth is defined in Strong's concordance as number 776, erets. Erets is defined as:

world, earth, all inhabited lands; parts of te earth, land (in contrast to water), ground, soil, country, region, territory;" heaven and earth" means the totality of creation; "the ends of the earth" means "a very distant place".

The term could mean the entire earth or a local area. To say whether or not it was local or global more information is needed.

2) How much water would be needed if there was a worldwide flood

To measure the amount of water needed from a worldwide flood you must determine from the bible the height of the water above sea level. The bible states that the water was 15 cubits above the mountains (Gen7:20). One cubit is defined as 18 inches. 15 cubits is 15 x 18in = 270 inches (22.5 feet). The tallest mountain in the world is Mt Everest with an elevation 29,029 feet above sea level. The worldwide flood height would be 270 feet above that. 29,299 feet or 5.5 miles of water would be needed to cover the entire earth.

The rain came from the sky and from the ground (Gen7:11). The maximum rate of rain fall would be:

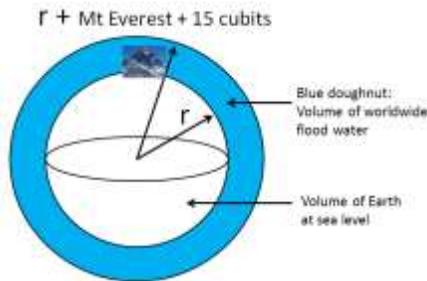
$$\frac{(29,029+270) \text{ feet}}{40 \text{ days}} = 732.5 \text{ feet of water per day.}$$

$$\frac{732.5 \text{ feet/day}}{24 \text{ hours/day}} = 30 \text{ feet of water per hour}$$

$$\frac{30 \text{ feet/hour}}{60 \text{ minutes/hour}} = 6.10 \text{ inches of water per minute}$$

That's a lot of water. To find the volume of water that was added will help determine where the water went.

To find the volume one must find the volume of the earth at sea level (volume of a sphere equation) and also the volume of the earth plus 29,299 feet. Subtracting the lessor from the greater will give the volume of the blue sphere below.



volume of a sphere equation: $V = \left(\frac{4}{3}\right) \pi r^3$

The average radius (r) of the earth is around 3,961 miles.

$$\text{Volume of earth at sea level} = V = \left(\frac{4}{3}\right) \pi 3961^3 = 260,317,363,166.9 \text{ cubic miles}$$

Volume of earth at sea level plus Mt Everest plus 15 cubits =

$$V = \left(\frac{4}{3}\right) \pi \left(3961 + \left(\frac{29029}{5280}\right) + \left(\frac{270}{5280}\right)\right)^3 = 261,412,949,724.0 \text{ cubic miles}$$

Volume of Blue doughnut =

$$261,412,949,724.0 - 260,317,363,166.9 = 1,095,586,557.1 \text{ cubic miles}$$

Over 1 billion cubic miles of water was needed to flood the earth 270 inches above Mt Everest for a worldwide flood.

Where did the water come from?

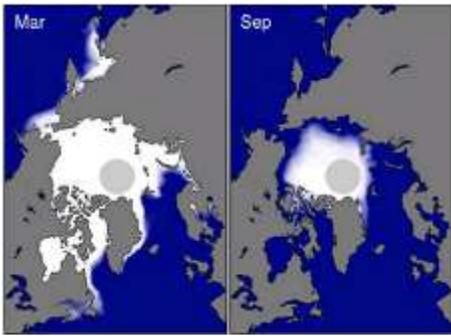
3) Where did the water drain to?

I've heard from others that the water:

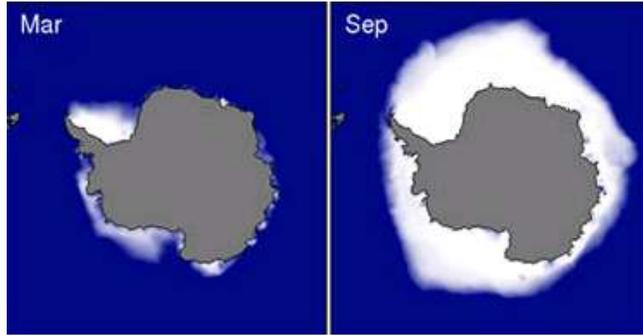
- a) was pushed to the poles and frozen or
- b) was vaporized/disappeared when God snapped His fingers

a) Was the flood waters pushed to the poles?

Knowing the volume of water to flood the earth (1.1 billion cubic miles) we can calculate the present permanent frozen area of the Polar Ice Cap and Antarctic.



Polar Ice Cap (Arctic)



Antarctic

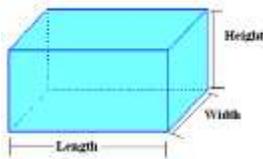
<http://nsidc.org/cryosphere/seaice/characteristics/difference.html>

The Permanent Arctic ice (Arctic sheet + Greenland) covers about 10.7 million km² (6.648 million miles²)

The Antarctic covers an area of about 14.6 million km² (9.072 million miles²)

http://en.wikipedia.org/wiki/Polar_ice_cap

The total amount of area for both the Arctic and Antarctic ice is equal to 6.64866+9.072=15.72066 million miles²



The volume of a box is equal to $V = \text{Base (B)} \times \text{Width (W)} \times \text{Height (H)}$

The volume, V , is the amount of water calculated in 2)

$B \times W$ is the combined permanent frozen areas of both the Arctic and Antarctic.

To find the height of the frozen water over the Arctic and Antarctic we can solve the equation for the Height.

$$V = B \times W \times H$$

$$H = \left(\frac{V}{B \times W} \right) = (1,095,586,557.1 \text{ miles}^3 / 15.72066 \text{ million miles}^2) = 69.69 \text{ miles}$$

If God had pushed the water to the poles and froze the water it would be close to 70 miles of ice on top of each pole. **But wait**, when water freezes, water will expand by 9% of its wet volume. The height of the 70 miles of ice would extend by another 6.27 miles for a overall height $69.69 + 6.27 = 75.96 \text{ miles}$. That ice cap height is not present so this answers the water disappearance theory of God pushing the water to the poles and freezing it as false. 76 miles of ice would still need to be at the poles. Listening to the environmentalist, their claim is that a ice melt would cause sea levels to rise 200 feet. A far cry from 29,299 feet.

b) Did God snap His fingers and cause the waters to disappear?

No. God laid out very clearly that the waters receded.

2Cor13:1 states 2 or 3 witnesses are needed to establish a fact. There is no double/triple witness of God snapping His fingers and disappearing plagues on the earth

RSV 2 Corinthians 13:1 THIS IS the third time I am coming to you. **Any charge must be sustained by the evidence of two or three witnesses.**

In the 10 plagues of the Book of Exodus. Moses prayed and the plagues stopped. The plagues were either being blown away, left in place, ended or died (frogs Ex8:13-14, flies Ex8:31, Animal plague Ex9:6, boils Ex9:10, hail Ex9:24-25, locust Ex10:19). The waters of the red sea were piled in a heap but didn't disappear. When Jerusalem was surrounded by 185,000 troops an angel came and killed them all at night not cause them to disappear.

There's no double witness for the snap of the fingers and there goes the water theory. There is bible witness to the waters gradually receding off the earth.

Using the text we can determine the drainage rate.

RSV Genesis 7:20 *the waters prevailed above the mountains, covering them fifteen cubits deep.*

RSV Genesis 8:3-5

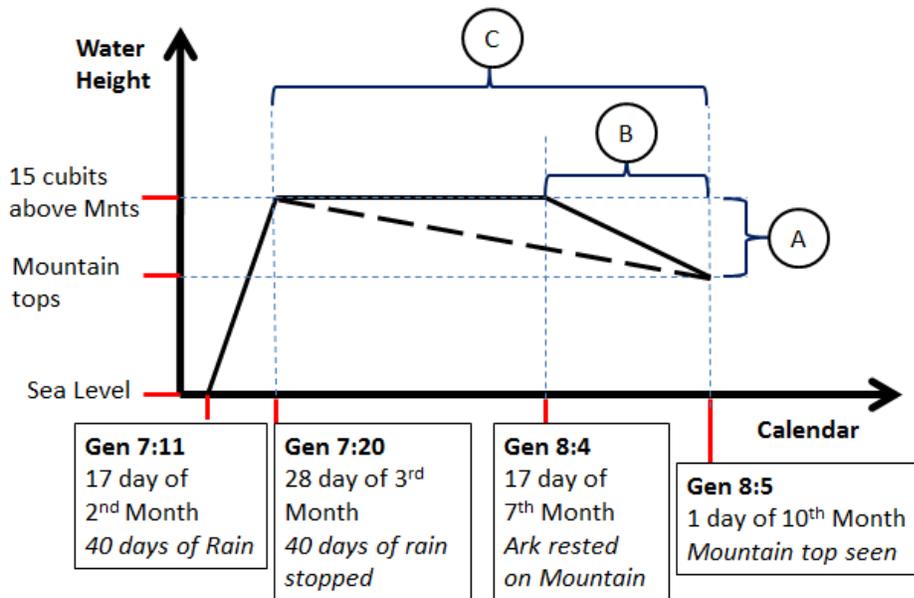
3 and the waters receded from the earth continually. At the end of a hundred and fifty days the waters had abated;

4 and in the seventh month, on the seventeenth day of the month, the ark came to rest upon the mountains of Ararat.

5 And the waters continued to abate until the tenth month; in the tenth month, on the first day of the month, the tops of the mountains were seen.

Now biblical based math comes into play:

Two recede rates will be looked at. 1) If the water began to go down the day after the end of the 40 days and nights of rain. 2) If the water began going down after the Ark rested on the mountain on the 17 day of the 7th month.



1) If the water began to go down right after the 40 days and nights of rain the number of days would be calculated by:

$$\begin{aligned} \text{Day after end of 40 days/nights of rain} &= 17^{\text{th}} \text{ day, } 2^{\text{nd}} \text{ Month} + 40 \text{ (rain)} + 1 \text{ (next day)} \\ &= 28^{\text{th}} \text{ day } 3^{\text{rd}} \text{ Month} \end{aligned}$$

$$\text{Number of days between } 1^{\text{st}} \text{ day of } 10^{\text{th}} \text{ month and } 28^{\text{th}} \text{ day of } 3^{\text{rd}} \text{ Month} = 156 \text{ days}$$

(using Enoch's calendar system)

The recede rate would be A/C or 270 inches/156 days = **1.731 inches per day**

2) If the water began to go down after 150 days after the rain began to fall then:

End of 150 days = 2 month 17th day + 150 = 7th month 17 day

Number of days between 7th month 17 day and 10th month 1st day = 75 days

The recede rate would be B/C or 270inches/75 days = **3.6 inches per day (.3 ft/day)**

If the maximum recede rate is used (.3 ft/day) we can calculate the length of time it would take for the water to recede from the height of 29,299 feet

Divide the recede rate to the total water height of 29,299 and you arrive at:

$$\frac{29,299 \text{ feet}}{.3 \text{ feet/day}} = 96,696 \text{ days} \text{ which gives } \dots \frac{96,696 \text{ days}}{365 \text{ days/year}} = 264 \text{ years}$$

264 years to get back to normal sea level. This far exceeds the yearlong flood - Gen 8:13-14

But wait, If a literal point is taken then the water needs to recede back a whole lot more. In Gen8:13 it's stated that the waters were dried from off the earth.

RSV Genesis 8:13 In the six hundred and first year, in the first month, the first day of the month, **the waters were dried from off the earth**; and Noah removed the covering of the ark, and looked, and behold, the face of the ground was dry.

That would include the oceans. The deepest part of the ocean is the Mariana Trench 35,840 feet below sea level.

Challenger Deep in the Mariana Trench is the deepest point in Earth's oceans. The bottom there is 10,924 meters **(35,840 feet) below sea level**. If Mount Everest, the highest mountain on Earth, were placed at this location it would be covered by over one mile of water

Pasted from <<http://geology.com/records/deepest-part-of-the-ocean.shtml>>

Add in another 264+ years to dry up the oceans and Noah would have been in the ark waiting for all the water to dry up over 500 years. The biblical math doesn't align for a worldwide flood that was five miles deep.

God created the sciences and God inspired the facts laid above to be added to the bible to confirm what He meant.

4) The regeneration of man after the flood.

Another problem arises when you have only 8 persons living on the earth after a worldwide flood is how did all the modern races come from?

Some have stated that the descendants of Noah's sons is where all the races come from.

Shem is the Semitic people.

Ham is Canaan and African descent.

Japheth is European

One of many questions arises.

1) Ham's son was cursed by Noah (Gen9:25-27) which have never been rescinded. Would all Canaanites and Africans be of a cursed seed line?

2) A Canaanite and an African are totally different race. Did one evolve from the other?

3) Where did the India, Chinese... races come from?

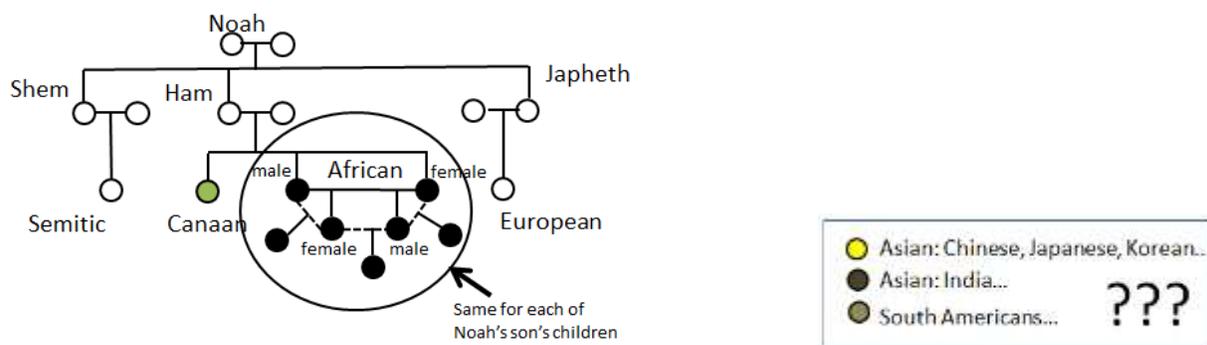
4) Where did Shem, Ham and Japheth's sons & daughters spouses come from?

5) Why are there no archeological or geological records of evolution? Where's the missing links - Darwinist would love to point those out but have failed to find one missing link in over 150 years of searching.

This is the same problem as Adam and Eve producing the world's population but multiplied by a factor of three. One commentary in the "The Evidence Bible, NKJV, "Where did Cain get his wife" p12" states (paraphrased) that Cain must have married his sister since there wasn't a law against incest.

Never mind that Noah cursed Canaan when Ham (Canaan's father) raped his mom (Noah's wife) Gen9:24-25. It's also mentioned in the commentary that since all the first generation married each other to populate the earth since the genetics were pure. Noah's grandchildren were in the 12 generation and all except Noah's family died during the worldwide flood so Shem, Ham and Japheth would be the new Adam and Eves.

Would this be an example of a spontaneous/punctuated equilibrium overlaid on God ordained incest evolution? This must be the case for the entire world to be killed off and only 8 persons remaining on it. Spontaneous / punctuated equilibrium to suddenly have Shem, Ham and Japheth's wife's giving birth to all the races (what a surprise the mom and dad would be on each birth a different race was born). God must have ordained incest evolution since all the different races of Canaan and African came from Ham. Just looking at Ham's African children. They must intermarry with each other: brother to sister, daughter to father and mother to son to keep the racial identity the same over the millenniums.



If Noah's grandchildren married and produced children by marrying across Noah's sons (ie: a grandchild from Ham marrying a grandchild from Shem) then there would be a disruption of both of Noah's son's races. That's not the case as there is historical/archeology showing that the races today are the same races as they were 4,000+ years ago.



Example: If an African and a non-African marry and produce a child then that child will not be of the race of either parent.

Case in point President Obama. His mother is Caucasian and his father is African and Obama appearance and DNA is neither 100% Caucasian nor 100% African but a mixture of the two races.

From that point on, President Obama's children's children's children will never be able to obtain the racial identity of either one of President Obama's parents.



In the decade of goat raising that I've done, I've never seen any other animal born Nanny goat but a kid goat when the father was a Billy goat yet we are told and are supposed to believe that 2 goats can produce a cow, pig, horse, camel, sheep....

The bible strictly forbids parent & child or brother & sister marriages (Lev18:6-17). One would say that the Law in Exodus wasn't enacted yet. If that is the case, why did God destroy Sodom and Gomorrah for homosexuality and other perversions since up to that point in Genesis homosexuality wasn't a crime? There was a law and the law existed then as it does now.

That is not supportive of science and logic. The bible aligns with logic and true science. **God created all the races and called them good (Gen1:26-31)**

"The concept that all nations and races descended from Noah's sons did not originate with the early Christian writers. When the famous naturalist and zoologist Georges Cuvier devised his classification of the races in 1790, he listed three types: Caucasoid, Mongoloid, and Negroid. Soon afterwards many started comparing this classification with Noah's three sons, Shem, Ham and Japheth. As racial distinctions became more evident and debated, the churches and literalist picked up on Cuvier's classification and molded it into a new religious doctrine. They taught the Negroid race descended from Ham, the Mongoloid race from Japheth, and the Caucasian race from Shem. This doctrine insults and contradicts both the word of God and science...."

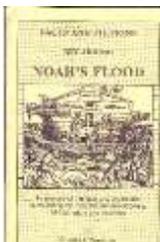
"In the era just after the flood (2300 to 2000 B.C) there appears many clear and well marked racial types in the paintings and sculptures from Egypt as well as Mesopotamia. By 1600 B.C, an even greater diversity of distinct racial types can be found. Each of these types are represented as they appear today showing that they were permanent throughout all history and had never undergone any type of transformation."

"Facts and Fictions Regarding Noah's Flood" 2nd edition, Charles Weisman, 1992, p32-33

5) What's the local flood theory?

- Noah's flood was confined to a limited area which is acceptable by the earth (erets) definition.
- That local population was wiped out in that confined area but survived outside of area.
- Rain poured down greater quantity since creation in that local area.
- Water was able to be drained away from that area.
- No need to have Shem, Ham and Japheth son's and daughter's produce different races forcing them to marry within the new race. They could migrate and marry those outside the flood zone.

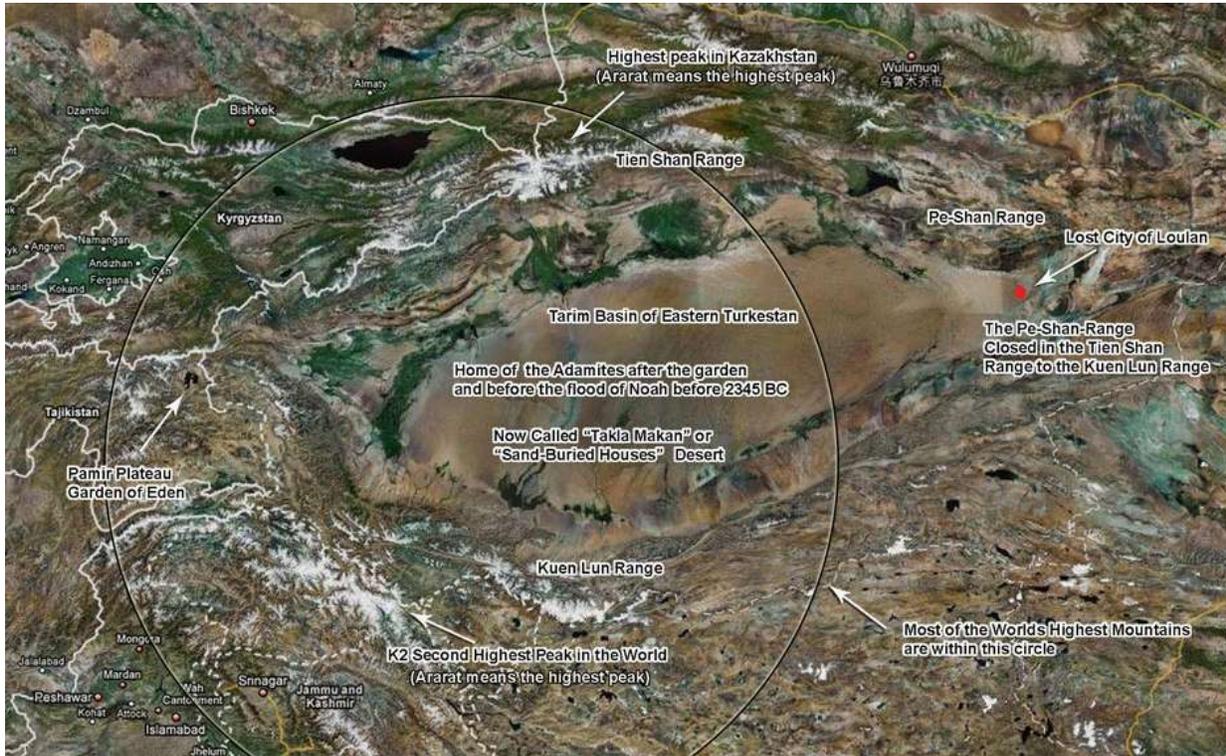
Is there such a place? Yes. A good resource is Charles Weisman's book Facts and Fictions Regarding Noah's Flood



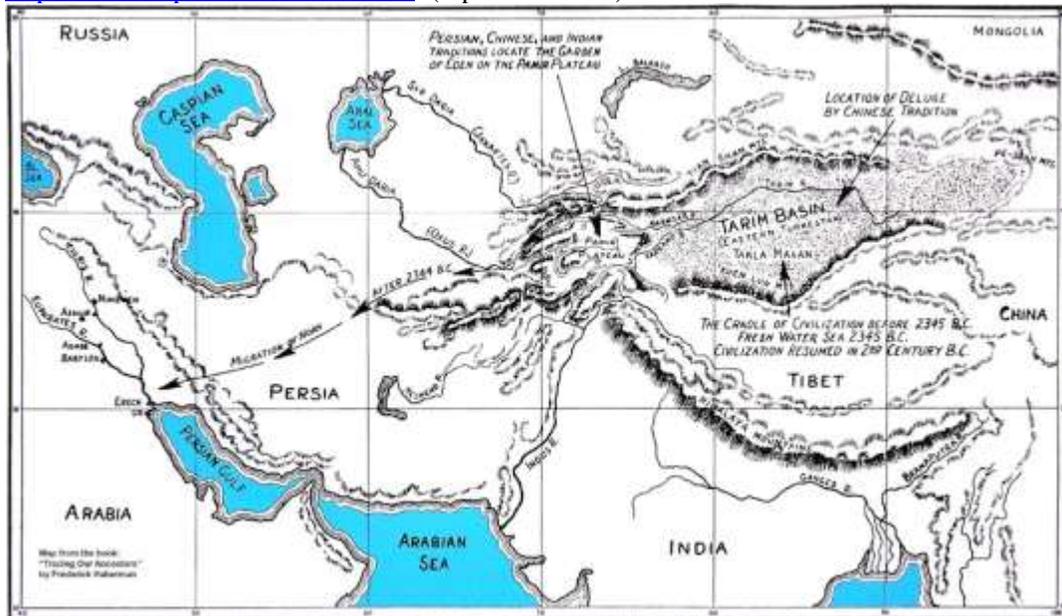
Mr. Weisman points out many of the biblical conditions for a local flood were met at the Tarim Basin of Eastern Turkestan:

- 1) Area is in the direction where Adam and Eve went after leaving the Garden

- 2) Area is in the region of the 4 rivers mentioned in Gen2:10-14
- 3) Area has a basin the size of the States of Texas and Oklahoma combined. Below is the Tarim Basin where it's asserted that this area fits the local flood.



<http://www.depodio.com/noah.htm> (top and bottom)



The purpose of this study was to demonstrate how one could determine the flood effect whether global or local by the descriptions in the bible. There are many more ways to show that the local flood fits the biblical account.

The bible doesn't support 5.5 miles height of water for a global flood since where it came from and where it went is not supported by logic and science. A local flood is supported by biblical math, descriptions and the study of geology, customs does fit a

We are told to study to show yourself approved (2Tim2:15) and to be ready at any time to defend what you believe (2Tim4:2). Can you defend your biblical position with clear articulation and presentation of your ideas or is your only defense is someone told me.....

When I was a child, I thought as a child.... When I became a man I put away all childish things (1Cor13:11)

"It doesn't make a difference who the preacher is, it could be Peter Peters or whoever it is. If he says something different than what the word of God says, you better do what the word of God says."

- Pastor Peter John Peters, God Save America, Personal Salvation 3:35

Regards,
David O'Malley

2012 Completed Bible studies

- 1/20/12 - Fukushima Daiichi (end times part 1)
- 2/12/12 - The Trinity: 1 in 3, 3 in 1 or ... 4 by 2 from 1? (part 1)
- 2/25/12 - The Trinity: 1 in 3, 3 in 1 or ... 4 by 2 from 1? (part 2)
- 3/04/12 - A time for war and a time for peace
- 3/12/12 - Christian Soldier: Equipping - part 1
- 3/26/12 - 2-2-2-2-2-2-2 Enigma of Passover
- 4/3/12 - The milk of the gospel
- 4/15/12 - Prayer power
- 6/10/12 - Hard Water Parable
- 7/15/12 - Jesus knows
- 7/24/12 - Global or local flood

Future O'Malley Family Bible studies

- Heaven's anguish, Hell's 3 day party
- Passover - pain and suffering of Jesus
- Christian Soldiers group maneuvers
- PEP: Persecution, Endurance & Preservation
- Understanding, knowledge and wisdom & Fear connection
- Fall of Jerusalem: departure of the King of Kings
- 5 stones for 5 giants: tearing the Baals down
- The Law - intro/controversy/importance
- The Law - distant, past, now, future
- Path to the end (end times part 2)
- Marks of the nations of Israel (end times part 3)
- Escape from Babylon (end times part 4)
- the message for the mixed multitude
- War scrolls fighting insights