

Brother Branham said in the sermon, "End Time Evangelism" preached Sunday, June 3, 1962 in Jeffersonville, Indiana paragraph 161:

Then God's standing there like a great pressure. Don't afraid that there'll be too many of them. You can't exhaust God. Could you imagine a little rat about that long, little mouse under the great garners of Egypt, saying, "I'd better eat one grain of wheat a day; I might run out before next harvest"? Could you imagine a little fish about that long, swimming out in the middle of the ocean, saying, "I better drink of this water sparingly, because, you know, it might go dry sometime"? Oh, my, that's trying to exhaust God's goodness and mercy to His people. He wants to bless you. He's ready; He's pressing. Could you imagine taking all the waters in the earth, the seas and everything, and piling it in one **four-foot pipe** and put it up there? The pressure would be on the bottom of it, trying to find a little crevice to leak its way through. That's like the pressure of the Holy Spirit trying to come down on every life. (*emphasis mine*)

This statement really puts things in perspective.

- Total volume of water on Earth (per the USGS) is 326 billion cubic miles. This is 479 quintillion cubic feet.
- The weight of this water is 3 sextillion pounds
- The length of a 4 foot pipe necessary to contain the water is 720 trillion miles.
- The pressure at the bottom of the pipe is 239 quintillion pounds per square foot.

These figures are next to impossible to comprehend.

The pipe would be over 123 light years in length. The nearest star to the earth (besides the sun) is Alpha Centauri at a distance of 4 light years. This is 30 times that distance.

The pressure at the bottom of the pipe is no less incomprehensible. An African elephant weighs about 13,200 pounds (6 ½ tons). Therefore, it would take 200 billion African elephants on the head of a pin to produce a similar amount of pressure.

Calculations

Earth's volume of water in cubic feet is calculated as follows:

A cubic mile is 5280 feet cubed or $1.47 * 10^{11}$ cu. ft.

$$3.26 * 10^8 \text{ cu. mi.} * 1.47 * 10^{11} \text{ cu. ft./cu. mi.} = 4.79 * 10^{19} \text{ cu. ft.}$$

A cubic foot of water contains 7.48 gallons and a gallon of water weighs 8.34 pounds, therefore a cubic foot of water weighs $7.48 \text{ gal} * 8.34 \text{ lbs/gal} = 62.41 \text{ lbs.}$

To calculate the total weight of water on Earth:

$$4.79 * 10^{19} \text{ cu. ft.} * 62.41 \text{ lbs./cu. ft.} = 298.9 * 10^{19} \text{ lbs.}$$

When round up to the nearest whole number it is $3 * 10^{21}$ lbs. or 3 sextillion lbs.

The length of the pipe is calculated by using the formula for the volume of a cylinder:

$V = \pi r^2 h$. Where V is Volume, r^2 is the radius squared and h is the height of the cylinder.

Solving for h gives $h = V / \pi r^2$. Using our values this is:

$$h = 4.79 * 10^{19} / 3.14 * 2^2 \text{ feet in length.}$$

$$h = 4.79 * 10^{19} / 12.56$$

$$h = 47.9 * 10^{18} / 12.56$$

$$h = 3.81 * 10^{18} \text{ feet in length}$$

To convert this to miles divide by 5280 feet per mile.

$$3.81 * 10^{18} \text{ feet} / 5280 \text{ feet/mile} = 7.22 * 10^{14} \text{ miles.}$$

There are $5.88 * 10^{12}$ miles per light year, so the length of the pipe in lights years is calculated: $7.22 * 10^{14} \text{ miles} / 5.88 * 10^{12} \text{ miles per light year} = 123 \text{ light years in length.}$

To calculate pressure, calculate the area at the bottom of the pipe using the formula for the area of a circle: $A = \pi r^2$

$$A = 3.14 * 4 = 12.56 \text{ sq. ft.}$$

Pressure is pounds per square foot which in this case is:

$$3 * 10^{21} \text{ lbs.} / 12.56 \text{ sq. ft.} = 2.39 * 10^{20} \text{ lbs./sq. ft.}$$

The head of a pin is approximately 1 square millimeter. There are 92,900 square millimeters in a square foot. An adult male African elephant weighs 13,200 pounds. Therefore the water weight is equivalent to $3 * 10^{21} \text{ lbs.} / 1.32 * 10^4 \text{ lbs./elephant}$ which is $2.27 * 10^{17}$ elephants. The total square millimeters at the bottom of the pipe is 92,900 sq. mm./sq. ft. * 12.56 sq. ft. = $1.17 * 10^6$ sq. mm. Elephants per sq. mm. is then $2.27 * 10^{17}$ elephants / $1.17 * 10^6$ sq. mm. = $1.94 * 10^{11}$ elephants per sq. mm.

194,000,000,000 (194 billion elephants on the head of a pin)