

# BIBLICAL PHYSICS THAT THE EARTH IS IN MOTION AND A GLOBE

(Final Revision)

- I.** Introduction:
- A.** There is controversy in the ranks of theologians that modern science is falsely presenting the physics of planet earth as to its shape (a globe/spherical) and revolving in orbit around the sun.
  - B.** Those refuting modern science hold to a model of a “flat earth” with the dominate physics indicating that the sun and moon reside in our atmosphere with both circuiting over a stationary earth on a plane synchronized to provide day and night.
  - C.** Their citation of Biblical verses to support their view in part revolve around the fact that the sun appears to be in motion e.g., sun rise, sun set, sun going in or coming out, etc.
  - D.** Their hermeneutical position surrounding verses using such language is that the motion is seen to be real (literal) and therefore must be interpreted literally.
  - E.** However, the interpreter must understand that the literal can be viewed in two ways:
    - 1.** Literal in terms of motion as observed by the naked eye looking from planet earth.
    - 2.** Literal in terms of the physics (actions) of motion.
  - F.** In proper hermeneutics, if the physics of motion are literal, then the actions of that motion are to be interpreted literally.
  - G.** What we find in the Hebrew text is that the actions of motion suggest figurative language such as using the verb “**בוא** – bo” literally meaning to “come in” or “go out”.
  - H.** Two things we know about the sun with certainty: It is always above the earth (no matter night or day where we are) and the body of the sun exists always in the sphere of its own light.
  - I.** So literally the sun isn’t going into something or coming out, setting or rising.
  - J.** Verses that describe the sun’s motion in such a way at the very least are highly suspect as being scientifically literal (its physics of motion).
  - K.** The question is, is there a proof text(s) in Biblical cosmology that literally teaches the physics presented without question to its literal intent (observance vs. physics)?
  - L.** If there is, then that is all that is needed to settle this matter.
- II.** Job 26:10: A Literal Biblical Physics Model of the Sun in Juxtaposition to the Earth.
- A.** “*He has inscribed (חָק – choq; n/m/s/abs) a circle (חֹגֶג – chug; v/qal/PF/3ms) on the surface of the waters (עַל פְּנֵי הַמַּיִם – al paneh mayim; prep. + n/com/m/pl/constr. + n/com/m/pl/abs), at the boundary of (עַד תְּכֵלִית – ad takeliyth; prep. + n/com/f/s/constr.) light and darkness (אִוֶּר – ‘or –im choshek; n/com/b/s/abs. + prep. + n/com/m/s/abs).*
  - 1.** This verse is viewing the presence of “light and darkness” on planet earth as would be observed by day and night (cf.vs.9):
  - 2.** There are 3 distinct characteristics associated with this phenomenon:
    - a.** A circular line has been inscribed.
    - b.** It is located on the face of the waters.
    - c.** It provides a boundary distinction between light and darkness (day and night).

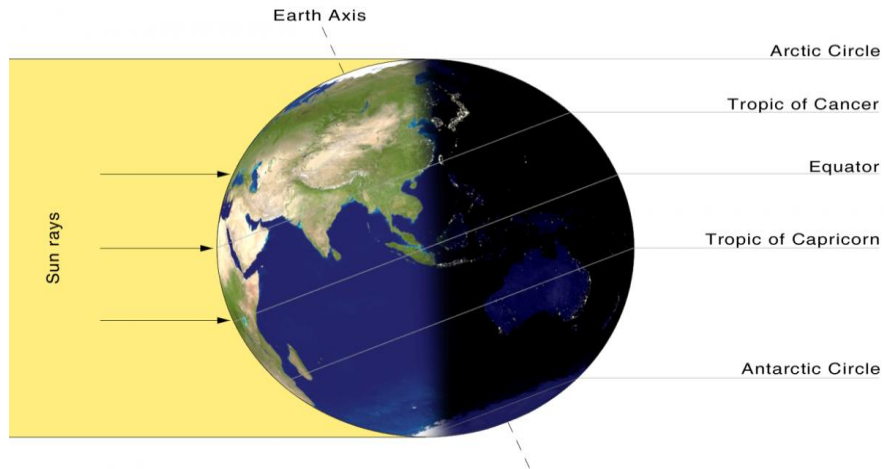
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3. The Hebrew word *choq* (“He has inscribed”) is used 130x in the OT from the primary root *chachaq* meaning something prescribed or allotted.
4. It is a legal term translated statute(s), ordinance and decree some 84x. E.g., Gen.47:26; Exo.12:24; 15:25,26; Lev.6:11,15; etc.
5. Its use in our verse means that what is described is “a law of nature” or the physics of Divine design.
6. So this verse is to be understood as a literal rendering in interpretation.
7. As a “law”, this means that its function is superior in power and authority to the characteristics associated with the physics designed (it rules, governs).
8. In other words, as the law of physics it is a set force by which any associated phenomenon must conform i.e., it is static; other forces involved must adapt.
9. Another cognate is *chaqah* meaning “to cut in”, “carved”, “engraved”. Cf.1Kgs.6:35 cp. noun translated “statutes” in Gen.26:5
10. This nuance with the physics in view would literally indicate that what is inscribed has space indentation from the surface downward.
11. The Qal verb *chug* (“to draw a circle”) looks to the schematics of the physics inscribed and is used 4x in the OT.
12. 2x it is used to mean “draw a circle” (its primary meaning). Cp.Pro.8:27 (cognate noun)
13. This engineering design conforms to the idea of prescribing a legal statute establishing a written law now adapted to a law of physics.
14. Pro.8:27 it is used in connection with creating earth’s atmosphere from waters “on the face of the deep...making firm the skies above...” (cf.vs.28).
15. This occurred on D+2 of restoration in Gen.1:6-8 after creating the temporary light on D+1 (vss.3-5).
16. The other 2 uses as a noun is translated “vault”. Job 22:14; Isa.40:22
17. This indicates a protected environment for safe keeping.
18. The drawn circle is then said to literally be “on the face of the waters”.
19. This means that any land mass of planet earth is not part of this design scenario.
20. It is a direct reference to the outer edge of earth’s atmospheric heaven or the “waters which were above the expanse” i.e., “waters from waters”. Cp.Gen.1:7
21. The positioning of the circle is then stated to be “at the boundary of light and darkness”.
22. The noun *takeliyth* (“boundary”) is used 5x and denotes a “limit”. “end” or “complete”. Neh.3:21; Job 11:7; 28:3; Psa.139:22
23. The inscribed circle thus is drawn where the limits of light and darkness would terminate.
24. The design shows a demarcation line that separates light and darkness (day and night viewed together in the schematics).
25. The physics of our verse presents a model where we can perceive the position of the sun in relation to planet earth forming a boundary line between day and night.
26. It would be presented in the following design:

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27. The only way that the line dividing light and darkness can itself remain static is if the sun is static in juxtaposition to planet earth revolving on its axis.
28. Our verses would doctor the picture somewhat showing the edge of the sun rays actually from the top of our atmosphere engraved downward to the surface of the planet.
29. The designed model will not work on a flat earth with a revolving sun.
30. Our verse is designed to be a proof text that the earth is a globe orbiting around the sun in consistent revolutions (day and night).
31. Modern science has proved the Bible accurate as to the physics of our verse.

### III. The mathematical solution of Job 26:10.

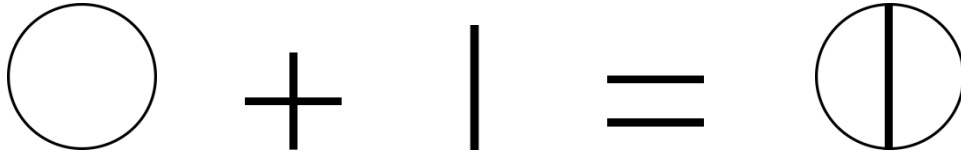
- A. Unique to and inherent in Job 26:10 is a mathematical equation that scientifically illustrates its interpretation.
- B. The math is in the form of geometry.
- C. The geometric figure is that of a circle that is viewed on two planes: A circle *“inscribed on the surface of the waters”*; it has an edge that marks *“the boundary of light and darkness”*.
- D. The two geometric figures would thus be represented in the schematics as a circle and a line:



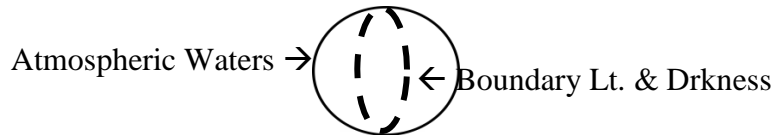
- E. That both of the geometric figures are one and the same, then logically they can be added together providing us with the first equation:

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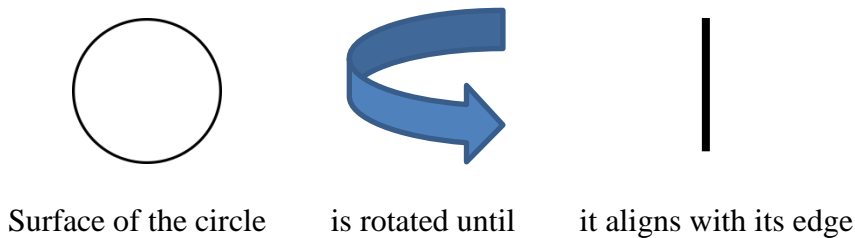
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- F. The geometry demands that the line divides the circle in equal halves as the circumference is the same (remember, the line is the edge of the circle).
- G. Three clarifications as to the physics in view are now illustrated:
  1. The two single dimensional figures when added together demonstrates a two dimensional plane in view.
  2. This solves the problem of where the boundary of light and darkness is located on the surface of the circle i.e., light and darkness terminate in the center filling in either half of the circle.
  3. That the line is actually a circle provides the solution to the real geometric shape that is being illustrated as that of a three dimensional sphere or globe:



- H. The final solution to the equation rests on the logic that since the circle and line are actually one and the same, then there must be a resolution in the behavior of the two features conforming to a single geometric figure (either as the flat circle or as the boundary line).
- I. The only way mathematically possible for this to occur is if the flat circle (*inscribed on the surface of the waters*) is rotated until it is in line with its edge (*boundary of light and darkness*).



- J. The single geometric figure = the boundary line that governs the very laws of physical motion of the earth's surface producing day and night on planet earth.
- K. The math demonstrates that the circle inscribed on the earth's atmosphere is a three dimensional phenomenon that produces a two dimensional effect of light and darkness in the atmosphere governed by a single dimensional termination boundary separating light from darkness.
- L. In modern science this is known as the "Terminator".

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- M. The final solution illustrates that presence of light and darkness is static as to its physics with the planet in motion teaching that the sun must be static in juxtaposition to planet earth.
- N. The science of Job 26:10 is mathematically illustrated and completely harmonizes with the grammatical interpretation presented in roman numeral **II**.
- O. God's genius is here illustrated as He takes the simplest of geometric shapes (a circle) to teach the complexity of a three dimensional reality that cannot otherwise be observed by one confined to the surface of the planet (as if looking from outer space i.e., outside the expanse looking towards the planet).

## IV. Conclusion.

- A. The flat earth model insists on a sun and moon existing in earth's atmosphere revolving around and above a stationary planet.
- B. Job 26:10 refutes the physics of a sun in motion over the earth and reveals just the opposite both grammatically and mathematically.
- C. This being the literal case of the physics then determines that the language of motion that may relate to the sun elsewhere in the Scriptures is to be understood literally only in the aspect of observation by the naked eye from one's position on planet earth.
- D. Our revision of Gen.1:14-19 further refutes the notion that the bodies of the sun and moon are in earth's "expanse/firmament" or atmosphere (these verses are used by the flat earth proponents otherwise).
- E. The verb translated by the exegetes as "luminaries" (*ma'or*), we have documented to mean more accurately "illuminations" that are visible to earth's inhabitants in their atmosphere. See exegesis Gen.1:14-19 Revised
- F. The Hebrew *ma'or* is always used outside of the creation verses as the illumination of light distinct from its source or body. Cp.Exo.27:20; 35:8,14 (2x),28; 39:37; Lev.24:2; Num.4:9,16; Psa.74:16; 90:8; Eze.32:8
- G. Job 26:10 further harmonizes with our interpretation of the Gen.1:14-19 account.
- H. The circular demarcation line in Job between light and darkness has the nuance of "engraving" indicating that the line is schematically drawn from the outer surface of the atmosphere downward indicating that the source of light must exist above the outer skin of the earth's atmosphere (stellar space).
- I. These two primary revelations dismantle the flat earth model sufficiently to render it corrupt.
- J. Pro.8:27 used the same legal term to denote a "law of nature" and too is to be harmonized with Job 26:10.
- K. In Pro.8:27, the inscribed (chaq) circle (chug) of the schematics is pictured as "on the face of the deep ( תְּהוֹם – *tehom*)" meaning "the seas, oceans" on the surface of the planet (cp.Gen.1:2).
- L. This looks to the origination of the placement of the demarcation line between light and darkness established by the temporary light of D+1 (Gen.1:3-5).
- M. It was at that time that God determined the exact scope and distance of spherical illumination of light that would ultimately be provided with the replacement of the "greater light"; on D+4.

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- N.** Its sphere of illumination was literally on the “face of the deep” (close to the surface) as no land mass had yet been provided (not until D+3; cf.Gen.1:9-12).
- O.** That life was supported by the temporary light further teaches that God had preset the necessary distance that the body of the “greater light” would need to be to support life with the proper temperature, etc.
- P.** That the “expanse” (D+2) was created in between the origination of light (D+1) and the appearance of the land mass with its life on D+3 (Gen.1:6-8) teaches that the scope of illumination was expanded via the physics of atmospheric refraction so the entire volume of the expanse would be illuminated in the day time.
- Q.** The refraction of light compared to its intended heat source of supporting life is scientifically proven as it is easily observed that temperatures are colder the higher the elevation.
- R.** Until a time comes that our exegesis can be disproven, we will rest on these interpretations.
- S.** The primary “scientific” lie we must remain aware of in the last days is the insertion of the evolutionary process into science’s theories of existence.
- T.** This conspiracy of “uniformitarianism” we are specifically warned in 2Pet.3:3-4.