

“Sun, Moon, and Stars”

Gen. 1:14-19

March 9, 2025

Gen 1:14-19

14 Then God said, "Let there be lights in the expanse of the heavens to separate the day from the night, and let them be for signs and for seasons and for days and years;

15 and let them be for lights in the expanse of the heavens to give light on the earth"; and it was so.

16 God made the two great lights, the greater light to govern the day, and the lesser light to govern the night; He made the stars also.

17 God placed them in the expanse of the heavens to give light on the earth,

18 and to govern the day and the night, and to separate the light from the darkness; and God saw that it was good.

19 There was evening and there was morning, a fourth day.

Gen 1:6-8

6 Then God said, "Let there be an **expanse** in the midst of the waters, and let it separate the waters from the waters."

7 God made the **expanse**, and separated the waters which were below the **expanse** from the waters which were above the **expanse**; and it was so.

8 **God called the expanse heaven.**

14 Then God said, "Let there be lights in the expanse of the heavens to separate the day from the night, and let them be for signs and for seasons and for days and years;

- The expanse (space) is empty.
- God is continuing to fill that which He created in days 1-3.
- God simply speaks and it happens. No evolution. No time. No process.
- God now creates specific lights to which He will connect the existing light.
- They will separate the day from the night.
- This is the fourth separation:

1. Light from darkness. (3)
2. Waters from waters. (6)
3. Land from sea. (9)
4. Day from the night. (14)

4 purposes for the lights:

1. **Signs** – Patterns.
2. **Seasons** – moon determines months. Sun also determines seasons as it is at varying distances from the earth which is tilted on its axis.
3. **Days** – determined by the orbit of the earth around the sun and the orbit of the moon around the earth, which determines a day.
4. **Years** – determined by the earth making 1 full rotation around the sun in 1 year.

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- God directs the light to come from the sun, moon, and stars.
- **“and it was fixed.”**

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- What about plants created the day before?
- God made the sun and moon to rule our lives.

Ps 136:5-9

5 To Him who made the heavens with skill,

For His lovingkindness is everlasting;

6 To Him who spread out the earth above the waters,

For His lovingkindness is everlasting;

7 To Him who made the great lights,

For His lovingkindness is everlasting:

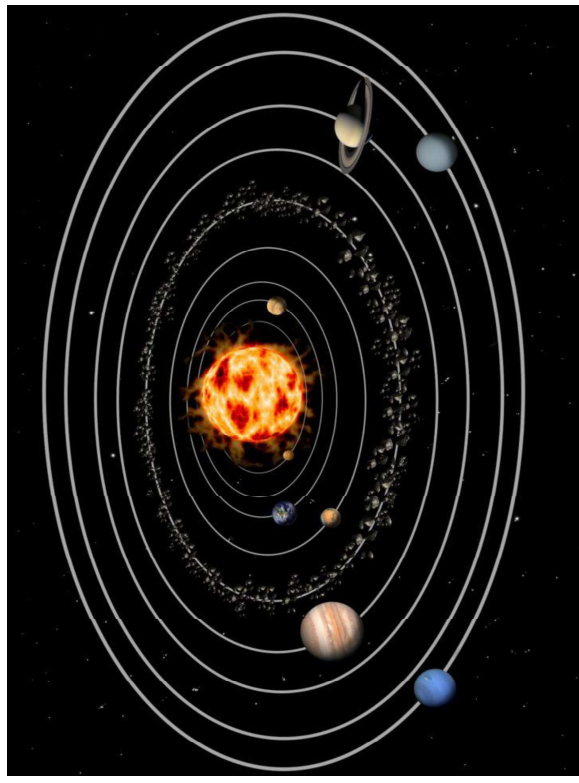
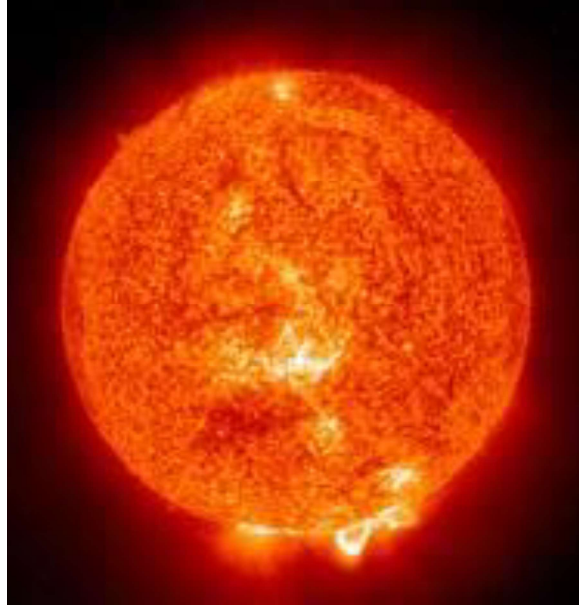
8 The sun to rule by day,

For His lovingkindness is everlasting,

9 The moon and stars to rule by night,

For His lovingkindness is everlasting.

SUN

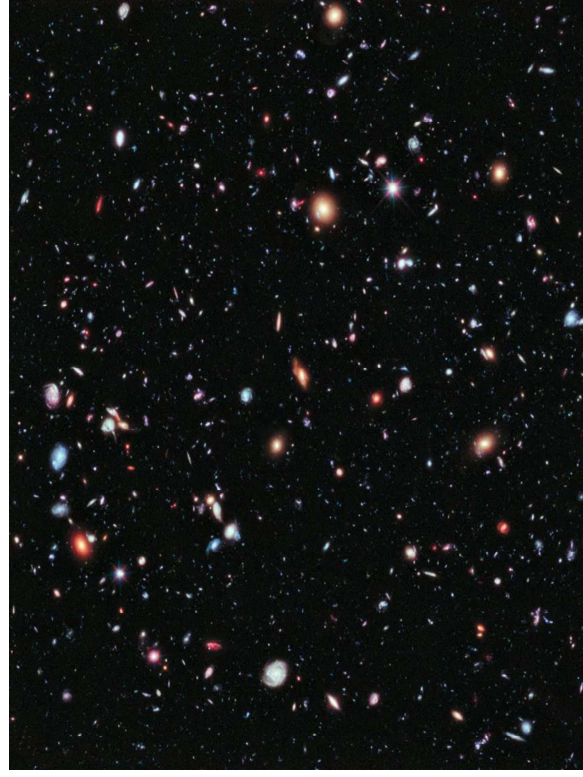


- **Composition:** The sun is made up of 70% hydrogen and 28% helium.
- **Size:** The sun is 109 times wider than Earth and 330,000 times more massive.
- **Layers:** The sun has layers including the core, radiative zone, and convection zone.
- **Energy:** The sun's core is where energy is generated by nuclear reactions.
- **Atmosphere:** The sun's atmosphere includes the photosphere, chromosphere, and corona.
- **Sunlight:** The sun emits vast amounts of energy as sunlight toward Earth. It takes about eight minutes for sunlight from the sun to reach Earth.
- **Distance:** From earth to the sun is 93 million miles.
- **Solar system:** The sun is at the center of our solar system and contains 99.9% of the solar system's mass.
- **Life on Earth:** The sun's energy is vital for life on Earth. Without the sun's energy, there would be no life on Earth.
- **Life Expectancy:** The sun has enough nuclear fuel to stay much as it is now, for another 5 billion years.

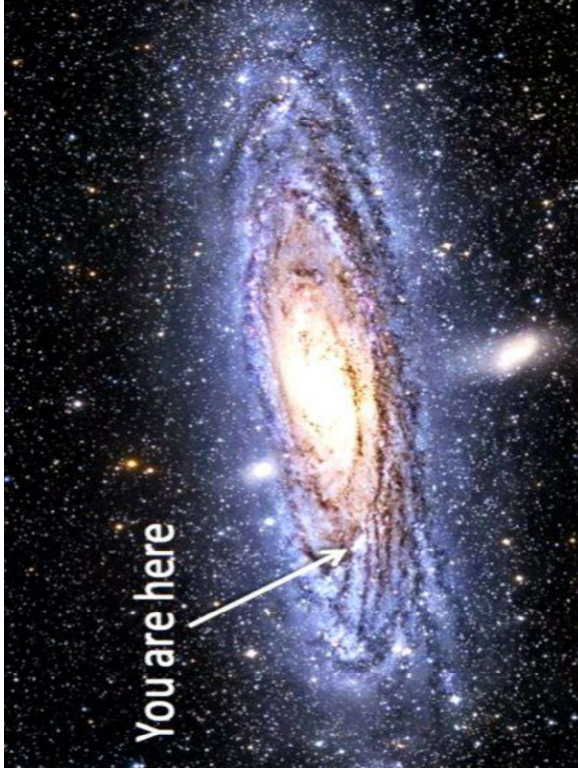


MOON

- **Size:** The moon is a little over a quarter of the size of Earth, with a radius of 1,737 kilometers.
- **Distance:** The moon's average distance from Earth is 238,855 miles away. Light takes about 1.3 seconds to travel from the moon to earth.
- **Temperature:** The temperature on the Moon reaches about 260 degrees Fahrenheit when in full Sun, but in darkness, the temperatures plummet to about -280 degrees Fahrenheit.
- **Rotation:** The moon's day and year each last 27 days. The moon's appearance changes every 29.5 days.
- **Tides:** The moon's gravitational pull causes ocean tides on Earth.
- **Quakes:** The moon experiences quakes caused by Earth's gravitational pull.
- **Atmosphere:** The moon has almost no atmosphere because its escape velocity is less than the speed at which gas molecules escape.
- **Craters:** The moon's craters are caused by impacts from asteroids, meteoroids, and comets.
- **Far side:** The "dark" side of the moon is actually the far side, which is not always dark.
- **Gravity:** 1/6th of earth's gravity. The moon's gravitational pull causes bulges in the oceans on both the side closest to the moon and the side farthest from it.
- **Light:** The moon has no light of itself. Only reflects the sun.



STARS



- **Size:** 93 billion light-years across. 1 light-year = 6 trillion miles. Estimated that 350 billion large galaxies are in the Universe.
- **Distance:** 46.5 billion light years from earth in each direction...
- **Galaxies:** Billions of galaxies, each containing billions and sometimes up to a trillion stars. **Note:** There are more stars in the Universe than there are grains of sand on earth, but there are more atoms in one grain of sand than there are stars in the universe.
- **Movement:** All of the universe is on the move. Earth is rotating at 1,000 miles per hour. Our sun is dragging our solar system through the universe at a speed of 450,000 miles per hour. Our galaxy is traveling at 1.2 million miles per hour.
- **Life in the Universe:** Earth is the only planet which has the capacity to sustain life. Scripture presents the earth as the only place of life in the universe. Everything created is directed toward the creation of man.
- **Discovered:** At present only 5% of the Universe has been mapped out.
- **Composition:** Stars, planets, galaxies are all very different in color, shape, size, material, and atmosphere. Therefore not from a single natural source. Needs a creator with a creative mind.

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- 15 and let them be for lights in the expanse of the heavens to give light on the earth"; and it was so.
- 16 God made the two great lights, the greater light to govern the day, and the lesser light to govern the night; He made the stars also.
- 17 **God placed them in the expanse of the heavens to give light on the earth,**
- 18 and to govern the day and the night, and to separate the light from the darkness; and God saw that it was good.
- 19 There was evening and there was morning, a fourth day.

"These stars were scattered in tremendous numbers throughout the infinite recesses of the heavens (Isaiah 55:9). The light energy emanating from them would henceforth traverse space to "give light upon the earth," providing patterns and movements which would also enable man to keep records of time and history. In order to serve these purposes, however, light energy trails would need to be established already in space between each star and earth. Thus, men would have been able to see stars billions of light-years away at the very moment of their formation, in accordance with the principle of mature creation, or creation of apparent age."

- Henry Morris

17 God placed them in the expanse of the heavens to give light on the earth,

- Moses reiterates the purpose for the sun, moon, and stars.
- Why is that important? Because everything that is out there is for the purpose of the earth and man who will live on it.

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18 and to govern the day and the night, and to separate the light from the darkness; and God saw that it was good.

- "... God saw that it was good." It met His approval. This is exactly what He wanted:

1. Man's daily life cycle would be governed by them.
2. Man would live under a light/darkness rotating existence by which he would order his life.

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- If you have missed it before, here it is again – this is a 24-hour day with a morning and evening and a numerical day designation.

Application

1. God goes big – sun, moon, stars to fill space. How awesome is that?!
2. Be thankful for the sun, moon, and stars and their rule over your life. It is a blessing from God!

Ps 136:5

5 To Him who made the heavens with skill,
For His lovingkindness is everlasting;

3. Where is the humility?

Ps 8:3-4

3 When I consider Your heavens, the work of Your fingers,
The moon and the stars, which You have ordained;
4 What is man that You take thought of him,