

Solar Fire Crackers in 2017 & 2024

by Ken Kozy

If you viewed the solar eclipse on August 21, 2017, you may have been surprised by the awesome sight of “Solar Fire Crackers.” Look for them in the next USA Solar Eclipse on Monday, April 8, 2024!

In certain locations in the USA, the Moon completely covered the Sun after noon – depending on location. Around the Moon’s blackened circumference, you saw flares and streams of red gasses resulting from the “Solar Fire Crackers” going off on the surface and corona of the Sun! It was probably a beautiful, once-in-a-lifetime sight to personally behold.

If you are in a perfect location of the “totality path,” where the Moon fully blocks the Sun, the experience lasted about 2 minutes. You were probably surrounded by darkness. The air temperature quickly dropped about 15 degrees. It was observed on the farms that birds and cows thought it was nighttime – and the cows and chickens headed home to eat.

Even more surprising, the rest of the sky quickly turned black – exposing stars and planets that you would not normally see during daytime. Meanwhile, the Moon was opaque (the New Moon phase) because was no light on it from our viewpoint – the Sun was shining behind it, on the other side.

All this occurred only if you were somewhere along a 70-mile-wide path across our country where the Moon completely covers the Sun. The eclipse phenomenon began in Oregon, crossing the USA, ending in South Carolina, and lasting about 90 minutes. In Chicago, the local, closest, “best sighting” location was probably around the Carbondale, Illinois area – and in 2024 this will again be a preferred spot.

By the way, the sky needs to be perfectly clear of clouds and haze in the totality path to experience these effects fully. Because we are on the sidelines, the Chicago area will only see about an 80% solar eclipse.

Wherever you are in 2024, be sure to wear the “special” eclipse glasses and equipment or you could experience SERIOUS EYE DAMAGE. Be careful!

Thanks to the US Postal Service, here is what a solar eclipse will look like:



Photos of one Stamp, two images from USPS: “In the first U.S. stamp application of thermochromic ink, the Total Eclipse of the Sun Forever stamps will reveal a second image. **Using the body heat of your thumb or fingers and rubbing the eclipse image will reveal an underlying image of the Moon.** The image reverts back to the eclipse once it cools.” Credit Source is: United States Postal Service®, © United States Postal Service. All rights reserved. Forever® stamps currently cost \$0.49 (1st Class 1oz.).

The USPS has issued a very creative stamp that displays an actual solar eclipse (original picture was taken in Africa). The Moon covered the Sun and you can see the solar flares which surround the Moon due to the continuous explosions on the Sun's surface.

Those explosions, "Solar Fire Crackers," are caused by the equivalent of hundreds of Thermonuclear Hydrogen Atomic Bombs naturally exploding in the Sun's core, surface, and corona. Millions of degrees of heat are generated, which radiate into space to warm us and other life on the Earth, and the rest of the planets, moons, comets, asteroids and meteors in our solar system. Our solar power units get their energy from these radiations.



< Photo Credit: NASA Goddard Space Flight Center: Aug 31, 2012; Public Domain. (Magnificent explosion on the Sun and into its corona above)

Your Forever® stamp will display the Sun's resulting flares and rays and the Moon's passive beauty.

Viewing a solar eclipse in person has been described as a magnificent spiritual event. To experience the wonder of our infinite universe, the power of the Sun, and the beauty of the Moon helps us to appreciate the awesomeness of our Creator. Astronaut Buzz Aldrin, during his Apollo 11 Lunar (landing and walk) Mission, quoted Psalm 8: 3-4, KJV: "When I consider the heavens, the work of Thy fingers, the Moon and the stars which Thou hast ordained, what is man that Thou art mindful of him?"

Plan now, reserve your location now.

7-Dimensional eCommunication References

MAP of "Totality Path"...	https://www.space.com/37878-solar-eclipse-2024-path-of-totality-maps.html
SOUNDS of the Sun...	http://soi.stanford.edu/results/sounds.html
USPS Stamp Descriptions...	www.usps.com search for "Total Eclipse of Sun"
Wikipedia > Moon (updated info)...	https://en.wikipedia.org/wiki/Moon
Wikipedia > Solar Flares (videos)...	https://en.wikipedia.org/wiki/Solar_flare
Wikipedia > Solar Eclipse (photos)...	https://en.wikipedia.org/wiki/Solar_eclipse
My special web site for latest info ...	http://www.kenkozy.com/Pages/SOLARECLIPSE.aspx
Important Safety Info for YOU	See page 3 below

IMPORTANT SAFETY INFO FOR YOU

READ THIS BEFORE TRYING TO LOOK DIRECTLY AT THE SUN OUTDOORS OR FROM INSIDE.



<XXX Do **not** use your cell/smart phone to take **direct** solar eclipse pictures
- it may burn out the lens and camera - destroying your phone -
this is according to a NASA presentation and other reliable sources!

>> Wherever you are, be sure to wear the “special” eclipse glasses and equipment
or you could experience **SERIOUS EYE DAMAGE**. Be careful! **WARN CHILDREN ALSO**.



DO NOT USE REGULAR SUNGLASSES NOR LOOK DIRECTLY AT SUN

- BECAUSE YOUR EYES MAY BE PERMANENTLY DAMAGED.
HERE ARE SOME SAFETY TIPS AND LINKS FROM NASA >>>
just copy the link to your browser's address space or
CLICK the underlined words which are Links to the web site.

Reputable Vendors of Solar Filters & Viewers

Source: <https://eclipse.aas.org/resources/solar-filters>

ISO 12312-2 international safety standard

Be sure your solar glasses are verified by an accredited testing laboratory to **meet the ISO 12312-2 international safety standard** for such products. This should be printed on the glasses.

NASA: How to View the Solar Eclipse Safely >>>

https://eclipse2017.nasa.gov/sites/default/files/publications/Safety_508.pdf

Another internet link from NASA that is easy to understand
with **"safety pictures only" - great for kids >>>**

<https://eclipse2017.nasa.gov/sites/default/files/AAS-Solar-Eclipse-Safety-Graphics.pdf>

Remember using the pinhole box when you were a kid? It's fun for everyone and safe.
Pinhole projectors and other projection techniques are a safe,
indirect viewing technique for observing an image of the sun.

YOUR CHILDREN AND GRANDCHILDREN WILL ENJOY THIS INTERNET LINK >>>

<http://solar-center.stanford.edu/observe/Safely-Observing-the-Sun-for-Yourself.pdf>

and for a summary>>>

<http://solar-center.stanford.edu/observe/>

VIEW MY SPECIAL WEB SITE FOR LATEST INFORMATION <<<

<http://www.kenkozy.com/Pages/SOLARECLIPSE.aspx>

**Remember, there are many alternative opportunities to view the Solar Eclipse
including live TV & Computer coverage!**

Enjoy the beautiful Solar System designed by God for us all!

*Photos/graphics on page 3 are Public Domain