

Total Solar Eclipse & Awesome Stars (scienceintegrity.org)



Orion Nebula (Hubble)

Spiral Galaxy



Exploding Supernova



Butterfly Nebula



Eagle & Pillars of Creation Nebuli

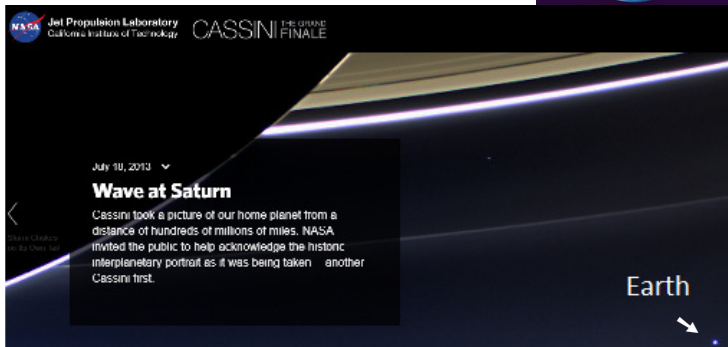


Cassini Probe

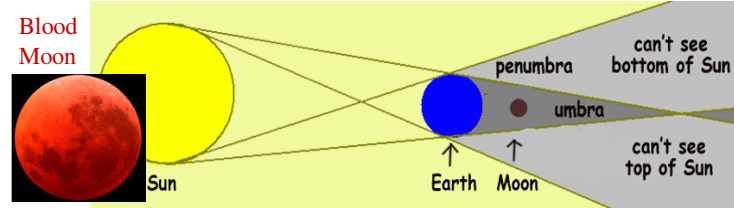
Launched 10/15/1997

Picture of Earth through rings 7/10/13

Set to crash on Saturn 9/15/17



During Lunar Eclipses, Full Moon Turns Red (Blood Moon)



As sunlight passes through our atmosphere, the green to violet portion of the light spectrum is filtered out

Apparent size of Sun & Moon must be about the same

Sun is 400X larger, and 400X further away

Alignment of 3 balls in 3D space is exacting for eclipses (many see this as design evidence)

During Solar Eclipses: see the chromosphere and Bailey's



Beads (& diamond ring)

Only Saturn/Prometheus can also

have (<.5s) solar eclipses

Eclipses require 3-body alignment

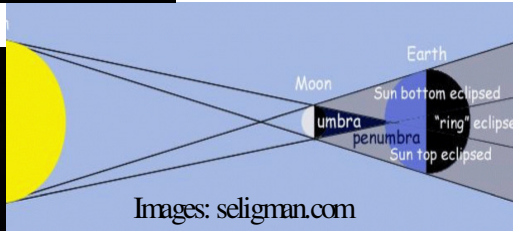
Discoveries during total eclipse:

Content of stars (HE spectrum)

Light bending by gravity

Sun's magnetic field

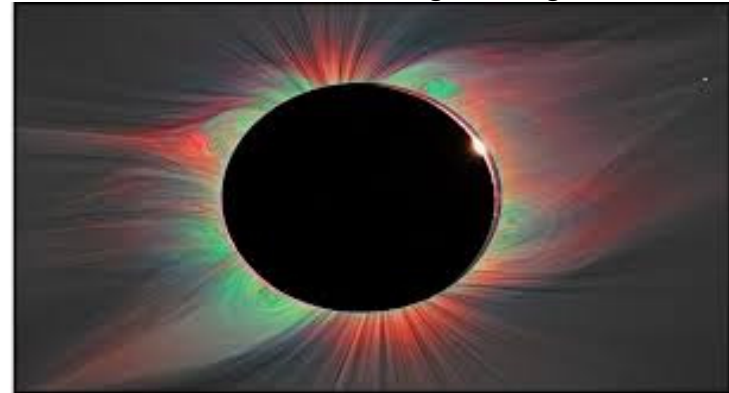
Earth's energy system



NASA Photo of Eclipse

Chromosphere & Solar Wind

If moon were smaller – too bright, if larger – blocked



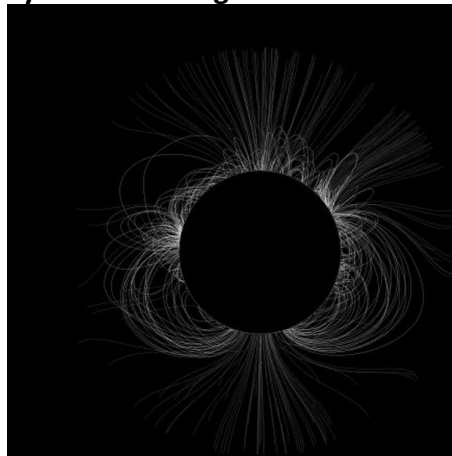
Anticipated 6.3M F⁰ Corona View

Structure created by the sun's magnetic-field lines

Picture 1 rotation
from 8/21 Sun

Expect polar
plumes & helmet
streamers

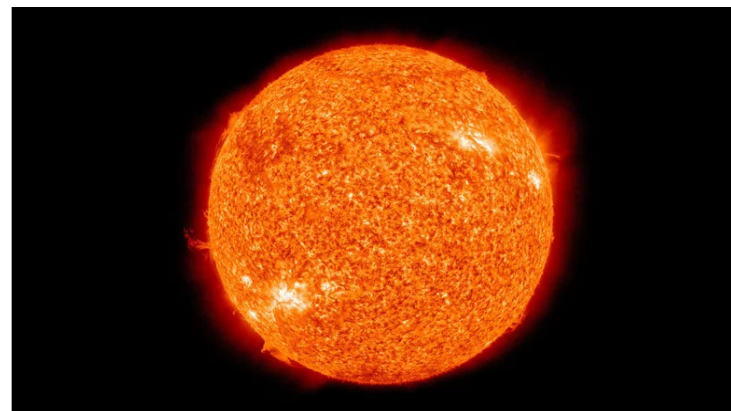
Maui Solar
Telescope will
measure the
magnetic fields in
the solar corona



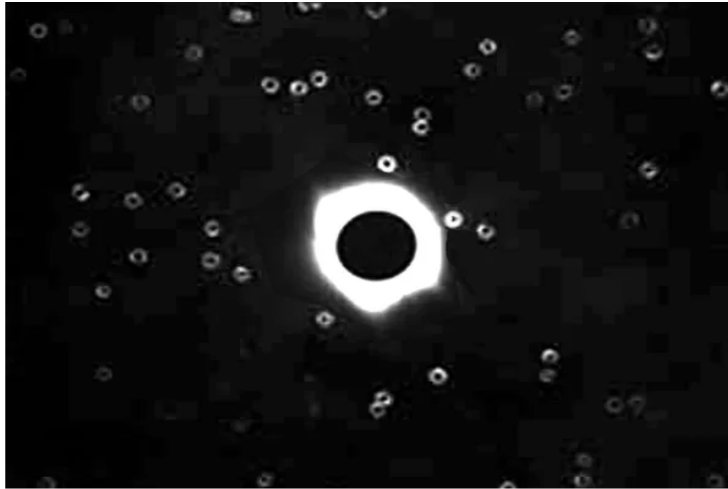
Helium Spectral Lines Discovered 1688

Abundant on Sun, Rare on Earth

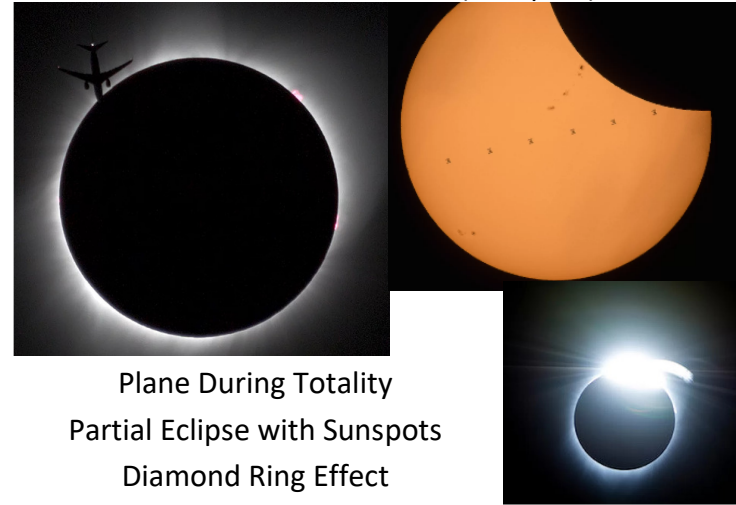
(found 30 years later)



Eddington's Confirmation of Einstein

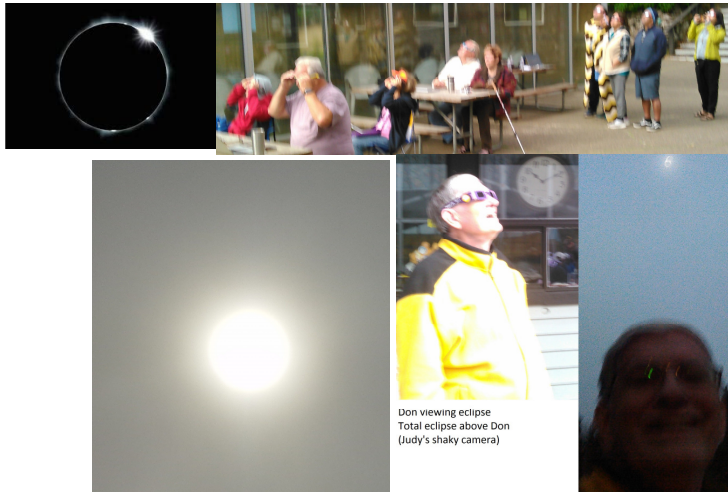


2017 Pictures (Sunspots)



Plane During Totality
Partial Eclipse with Sunspots
Diamond Ring Effect

2017 Total Eclipse (Pacific City Campground, OR)



Don viewing eclipse
Total eclipse above Don
(Judy's shaky camera)

Eclipse Paths (approx 1 in 18 months) Previous Us Totality 1979, Next 2024 Saros cycle: 18 yrs, 11.3 days for pattern repeat (different location)



Interesting Observations on Two Eclipses

- The paths of the 2017 and 2024 eclipses mark the US with “X”
- 900 square mile intersection of totality paths is on fault line
- Many see this as a warning to the US, others as a coincidence



Goals of This Presentation

- Eclipses & stellar bodies are AWESOME!
- Eclipses are rare and produce valuable information
- Many see astronomical happenings as signs/warnings
- Many accept reality as design evidence
Others dismiss events as coincidences
(Only place that an observer could see eclipses has observers)

New Madrid, MO, Seismic Zone
In 1811-1812, 3 earthquakes magnitude 7-7.7
Opened up chasms, diverted the Mississippi, threw trees to the ground and landslides into the river. Created temporary waterfalls and lasting lakes. Existing lakes were turned inside out, as cracks in the ground spewed volcanoes of sand and water into the air. The Mississippi ran backwards. Church bells rang in Boston, 1,000 mi away
Seimologists say a fault is overdue and quake could be largest ever seen in US

Useful Intelligent Design References

- Probability's Nature and Nature's Probability, Don Johnson (2 versions: 2009 Lite/2010 revised Scientists')
- Programming of Life, Don Johnson, 10/10&5/15, Videos 8/11&7/15
- The Privileged Planet, Gonzalez & Richards, 2004
- Darwin's Black Box, Michael Behe, 1996
- Signature in the Cell, Stephen Meyer, 2009
- Darwin's Doubt, Stephen Meyer, 2013
- Uncommon Dissent, William Dembski, 2004
- arn.org, intelligentdesign.org, uncommondescent.com, scienceintegrity.org (PDFs available)