

Flash Cards for Eclipse Definitions

Size of object
measured against
sky

Angular Diameter

Ringed solar eclipse

Annular Eclipse

Latin for ring

Annulus

Perigee to perigee
lunar period, 27.6
days

Anomalistic Month

Object farthest
from sun, elliptical
orbit

Aphelion

Farthest position of
moon from Earth

Apogee

Moon travels
below above
ecliptic plane

Broken light
before/after central
eclipse

Baily's Beads

Baily's beads
surrounds entire
moon

Broken Eclipse



Broken Annular

Path of longest
duration solar
totality/annularity

Centerline

Total or annular
eclipse



Moon/sun
completely covered

Central Eclipse

Solar atmosphere
above photosphere/
pinkish plasma

Chromosphere

Crown, sun's
outermost
atmospheric layer

Corona

Moon's ecliptic
crossing point,
north/south

Descending Node

Sun's appearance
10-15 seconds
before/after totality

Marriage

Diamond Ring

To hide or cover

Eclipse

Person travels to
view solar eclipse

Eclipse Chaser

Time when eclipses
can happen

Eclipse Season

Interval new/full
moon/same node

Eclipse Year

Earth's orbital
plane projected into
space

Ecliptic

Start of solar/lunar
eclipse

First Contact

End of solar/lunar
eclipse

Fourth Contact

Moon opposite
Earth/sun, totally
illuminated

Full Moon

Solar eclipse
totality
greater/equal 5
minutes

Great Eclipse

Position longest
duration
totality/annularity
eclipse

Greatest Eclipse

Apparent boundary
of an astronomical
body

Limb

Photosphere dims
near sun's
boundary

Limb Darkening

Major axis of
moon's elliptical
orbit

Line of Apsides

Moon hides in
Earth's
umbra/penumbra

Lunar Eclipse

Longest line of an
ellipse

Major Axis

Path where eclipse
appears ringed

Negative Shadow

Moon in same
direction as sun



Moon's Earth-
facing side dark

New Moon

Intersection of two
orbital planes

Node

Interval between
two similar nodal
crossings

Nodal Period

Northern boundary
total solar/annular
eclipse

Northern Limit

Part of sun/moon
hidden

Partial Eclipse

Moon only enters
Earth's secondary
shadow

Penumbral Eclipse

Secondary shadow
of Earth/moon

Penumbra

Closest distance of
moon from Earth

Perigee

Closest distance of
Earth from sun

Perihelion

Small hole projects
sun onto screen

Pinhole Projector

Region of glowing
plasma in corona

Prominence

Westward motion
of sun's orbital
crossing

Regression of Nodes

Orbit of one object
around another

Revolution

Circling of moon's
major axis, 8.85
years

Revolution of Apsides

Interval between
two similar
repeating eclipses

Saros

Time of beginning
totality/annularity

Second Contact

Rippling light
before/after solar
totality

Shadow Bands

Primary/secondary
shadow of
Earth/moon

Shadow Cone

Orbital period
measured against
star

Sidereal Period

Eclipses related to
one saros cycle

Similar Eclipses

Moon

completely/partially

hides sun

Solar Eclipse

Device for safely
dimming sun's
brightness

Solar Filter

Safe solar
observing
technique/sun
projected

Solar Projection

Southern boundary
of central solar
eclipse

Southern Limit

Magnetically
intense cooler solar
surface feature

Sunspots

Phase interval of a
body/moon

Synodic Period

Totality/annularity,
solar/lunar eclipse
ends

Third Contact

Moon/Earth
completely hides
sun/moon

Total Eclipse

Time when
sun/moon
completely hidden

Totality

Primary shadow of
Earth/moon

Umbra

Eclipse Word
Association Quiz
Completed

My brain just exploded