



**ALPO LUNAR ECLIPSE
OBSERVER'S REPORT FORM**

Please print or type information directly onto form. Complete sections applicable to your observations. The form may be mailed or sent as an email attachment; addresses on page 3.

Observer Information

Observer: _____

Place of Observation: _____

Date: ___/___/2___ Time Started (U.T.): _____ Time Ended (U.T.): _____

Telescope: _____ (in/cm) f/___ Reflector Refractor Cat _____

Magnification(s): _____ X _____ X _____ X

Seeing (1-10): _____ Transparency (1-6): _____ Clear Hazy Clouds _____

Mailing Address: _____

☎ Telephone: _____ ✉ E-mail: _____

Eclipse Observations Included: Penumbral Partial Umbral

Contact timings

Naked eye Binoculars; _____ X _____ Telescope; _____

U1	UT	U2	UT	U3	UT	U4	UT
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Describe methodology used:

Photometric Observations

Attach report, details as necessary

Occultations

Total Graze

Provide separate list of timings with stars, etc. Observations should also be sent to IOTA.

Crater Contact Timings

Crater	Immersion – Mid-Crater Contact	Emersion – Mid-Crater Contact	Crater	Immersion – Mid-Crater Contact	Emersion – Mid-Crater Contact
Grimaldi	UT	UT	Eudoxus	UT	UT
Aristarchus	UT	UT	Manilius	UT	UT
Kepler	UT	UT	Menelaus	UT	UT
Billy	UT	UT	Dionysius	UT	UT
Pytheas	UT	UT	Plinius	UT	UT
Copernicus	UT	UT	Tycho	UT	UT
Timocharis	UT	UT	Proclus	UT	UT
Plato	UT	UT	Taruntius	UT	UT
Campanus	UT	UT	Goclenius	UT	UT
Aristoteles	UT	UT	Langrenus	UT	UT

Totality Magnitude Estimate

Estimate 1:	Time Estimate 1 Made:	UT
Estimate 2:	Time Estimate 1 Made:	UT
Estimate 3:	Time Estimate 1 Made:	UT

Method to determine Magnitude at Totality:

Sky Brightness

Estimate 1:	Time Estimate 1 Made:	UT
Estimate 2:	Time Estimate 1 Made:	UT
Estimate 3:	Time Estimate 1 Made:	UT

Method to determine Sky Brightness:

Danjon Luminosity Estimates, L

L =	Time	Estimate made with
	UT	<input type="checkbox"/> Naked Eye <input type="checkbox"/> Binoculars <input type="checkbox"/> Telescope
	UT	<input type="checkbox"/> Naked Eye <input type="checkbox"/> Binoculars <input type="checkbox"/> Telescope
	UT	<input type="checkbox"/> Naked Eye <input type="checkbox"/> Binoculars <input type="checkbox"/> Telescope
	UT	<input type="checkbox"/> Naked Eye <input type="checkbox"/> Binoculars <input type="checkbox"/> Telescope

Imaging

Camera; Film Camera; Digital CCD Video

For images submitted, please include:

- Telescope/lens used
- Photographic specifics (ASA/ISO, f/, exposure length)
- Camera
- Other specifics

Drawings

Please attach originals or high-quality copies of drawings. Include specifics, such a media, time of drawing, telescope/binoculars used, etc.

Other Observations

Detail other observations made. Attach report(s) as necessary.

Please send completed reports to:
 Dr. Mike Reynolds
 Associate Dean of Mathematics &
 Natural Sciences
 Florida Community College
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 Jacksonville FL 32205
 alpo-reynolds@comcast.net