

International Occultation Timing Association

www.occultations.org

IOTA Membership

Support IOTA's efforts to promote the observations of occultations.

Join online via www.occultations.org/about-us/iota-membership

Membership is \$15/year

IOTA Resources

IOTA's Web site has sections on observing basics, equipment, software, membership, and educational materials.

Also, you can find

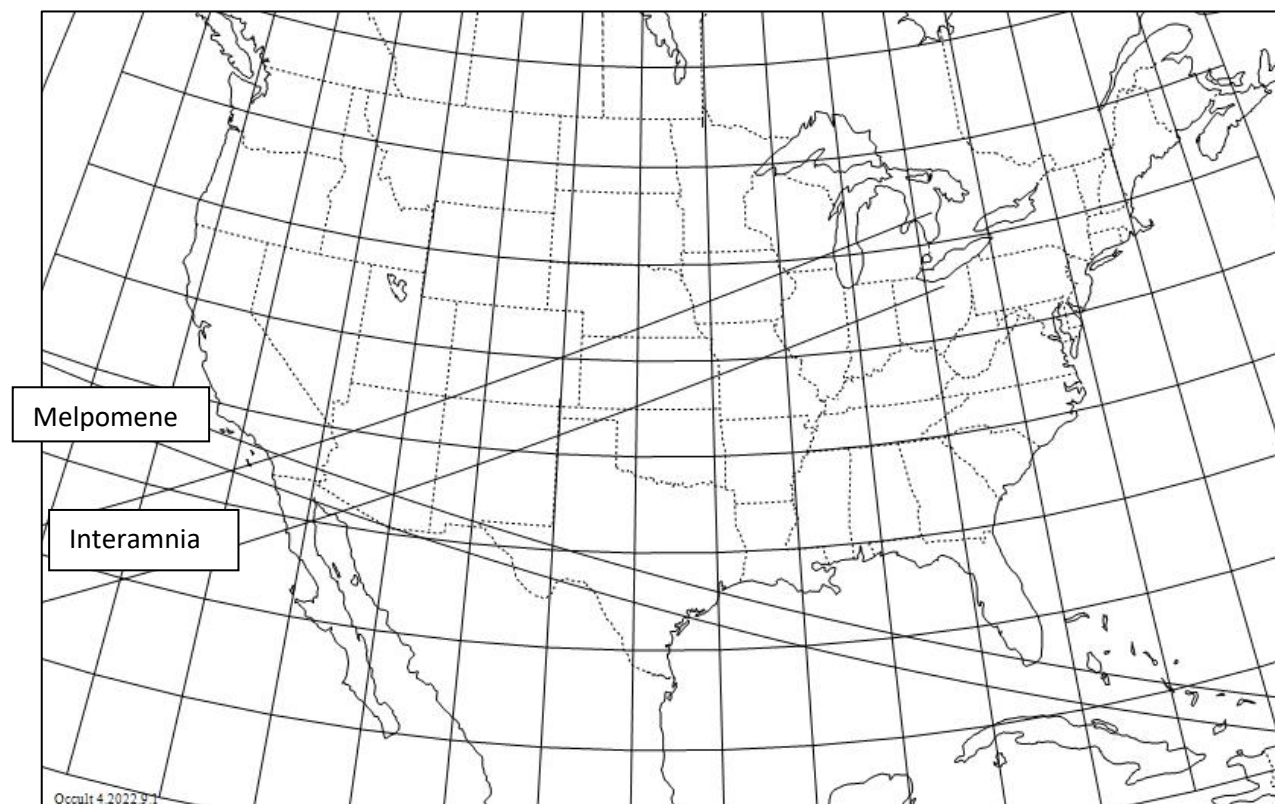
- Journal for Occultation Astronomy (JOA), published by IOTA, IOTA/ES and RANZ, available at www.iota-es.de/joafree.html.
- Occult 4, a comprehensive prediction program (especially for lunar events), is available through: www.lunar-occultations.com/iota/occult4.htm. Information on generating predictions with this software is available from <http://www.lunar-occultations.com/iota/occulttips.pdf>.
- Presentations given at IOTA annual meetings on the "Presentations" links on pages for each year at: occultations.org/community/meetingsconferences/
- There is more information on www.lunar-occultations.com/iota/iotandx.htm, www.asteroidoccultation.com/observations/, and the IOTA YouTube presentations listed at www.asteroidoccultation.com/observations/YouTubeVideos.htm
- Observers are strongly encouraged to join the Google Group, IOTAoccultations@groups.io which hosts technical discussions, provides observation coordination, supplies answers to group member questions, and many other topics as group members see fit.

Upcoming events:

- IOTA 2023 meeting the weekend of July 15/16, completely online via Zoom. The Zoom link for this meeting will be sent to all on IOTAoccultations@groups.io in the weeks before the meeting..
- The 2023 IOTA annual observation campaign will be either the (18) Melpomene occultation of TYC 0061-0111701 on Sept 5 or the (704) Interamnia occultation of TYC 2413-01489 on Sept 13. More information is provided on the back of this flyer.

IOTA Campaign 2023

IOTA campaigns are organized group observations of specific favorable events. The two occultations under consideration are within reach of most occultation observers' equipment, with good observing conditions, and can be observed from areas of the country that are accessible.



Date, U.T.	Asteroid	Star	Mag	Mag. drop	Dur. s
Sept. 5, 8h	(18) Melpomene	TYC 0061-01117-1	8.5	1.3	14.7
Sept. 13, 10h	(704) Interamnia	TYC 2413-01480-1	9.1	2.7	17.3

Observing campaigns are events that provide an opportunity for training new observers as well as general interaction among all observers. And the observations collected during a well-observed occultation give important information on the asteroid shape, possible detection of an asteroidal and/or stellar companion, and a well determined asteroidal position.

More information on the upcoming 2023 campaign will be posted here:
<https://occultations.org/citizen-science-with-iota/campaigns/>