



IOTA Membership and Observer Information Form

Version 2009.08

Name:

Telephone:

Address:

City:

State/Province:

Zip:

Country:

Email:

Latitude:

Longitude:

Elevation:

Grazing Occultations:

What is the greatest distance, in miles/kilometers, you would be willing to travel in order to observe grazing occultations:

Telescope aperture:

What is the magnitude of the faintest star, you want predictions for?

Check here if you do not need grazing occultation predictions:

IOTA Membership Type (per 4 issues of the Occultation Newsletter):

\$40 US for full IOTA membership in North America (\$45 overseas)

Membership includes: subscription to ON by mail/online access, as well as detailed lunar graze predictions and local circumstances for approaches of asteroids to stars by email.

\$15 US for online access to ON and detailed graze predictions by email

Mail your membership dues (check payable to IOTA) to the address below or via our website at

www.occultations.org.

Comments or Further Details:

Mail To: IOTA Secretary/Treasurer
2505 Jeannes Trail
Edmond, OK 73012
U.S.A.

Instructions for Observer Information Form

Telephone: Give home telephone number first, if more than one.

Address: Give home or office address, whichever you prefer. If you are a student or otherwise living predominantly at another address from September through May, give this other address and the telephone number there in the COMMENTS section. If you move, please submit a new form.

Latitude/Longitude: If you have not, cannot, and do not intend to time any total occultations to the necessary accuracy (accurate to at least nearest 1/2 second), an approximate position, such as taken from supplied occultation predictions will suffice. However, if you do, or soon will time total occultations, the position should be reported at least to the nearest second of arc (1") or nearest 0.0001 degrees in latitude and longitude, and to the nearest 30 feet / 10 meters in elevation above sea level. Please provide the source of position determination in "Comments or Further Details".

Grazing Occultations: Check the appropriate box if you do not need graze predictions. Otherwise, please complete the rest of this section. In estimating the greatest distance you would be willing to travel, assume the most convenient time, since the computer program does not test for holidays or weekends. Predictions for 3 miles / 5 kilometers beyond the specified radii will be computed, to allow for the fact that the lunar profile might show that multiple events can be seen as far as 3 miles or 5 kilometers from the predicted limit.

When selecting travel radii and magnitudes, keep in mind that about one favorable graze and two marginal ones occur each month for each 100 miles / 160 kilometers of radius for latitude 30°. Higher latitudes have fewer events (about half as many at 55°). The frequency of observable events is also reduced significantly in most places by the weather.

Please give telescope aperture in cm or state units given.

IOTA Membership Type: ON is the quarterly distributed Occultation Newsletter. Online members will be contacted via email for access to www.occultations.org . Requests for online access can be emailed to business@occultations.org .