The most distant of the visible planets

Uranus

*At magnitude 5.8, it is barely visible to people
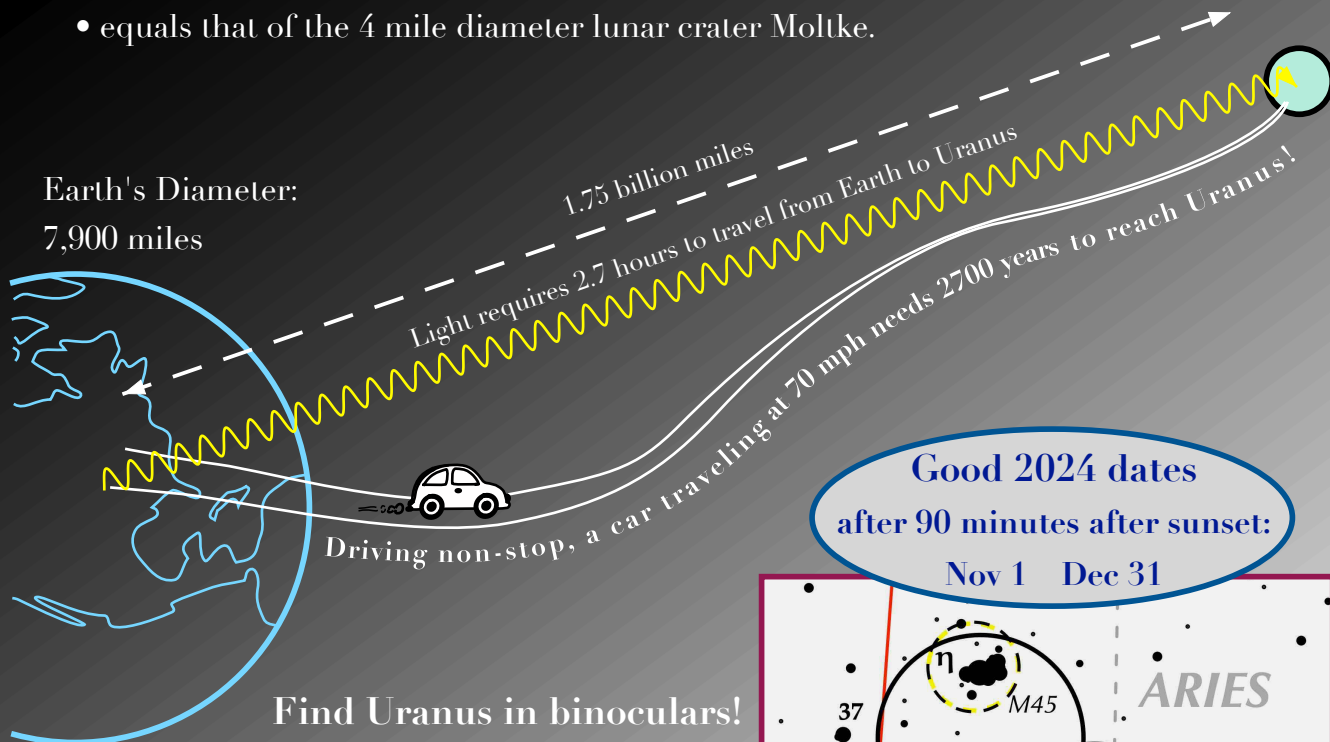with keen eyesight and viewing from a dark location.*

Uranus' maximum angular diameter
- equals 3.8 sec = 0.0011°
- equals that of a golf ball viewed at 1.5 miles.
- equals that of the 4 mile diameter lunar crater Moltke.

URANUS
Uranus' Diameter:
32,000 miles

Earth's Diameter:
7,900 miles

1.75 billion miles

Light requires 2.7 hours to travel from Earth to Uranus

Driving non-stop, a car traveling at 70 mph needs 2700 years to reach Uranus!

Good 2024 dates
after 90 minutes after sunset:
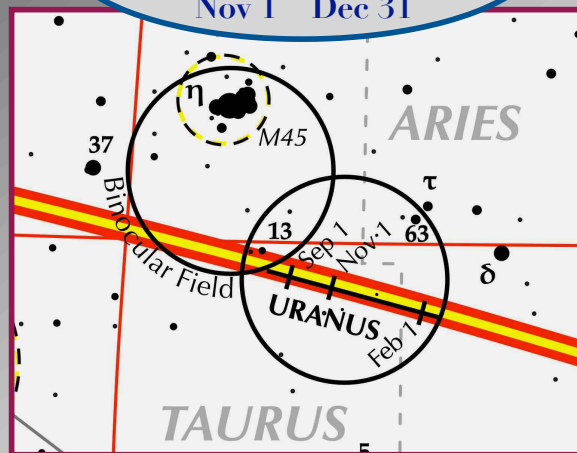Nov 1   Dec 31

Find Uranus in binoculars!
- Find the Pleiades.
- Aim binoculars two fields southwest of M45.
- Locate 13 Tau and 63 Ari,
- then triangulate to Uranus.
- The planet appears starlike and is about 5.8 magnitude, the same brightness as 13 Tauri.

ARIES

η

M45

37

τ

13

63

δ

Binocular Field

Sep 1

Nov 1

URANUS

Feb 1

TAURUS

Relative orbital spacing of the major planets beyond Earth

Mars
1.5 AU

Sun

Neptune
29.9 AU

Uranus
19.8 AU

Saturn
10.0 AU

Jupiter
5.1 AU

Earth
1.0 AU

2407