Lab 07b: earth-moon-explorer

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Download earth-moon-explorer.html.zip (text/html, 10.8 KB)
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https://elab.hpa.edu/isci/sims/earth-moon-explorer.html
Earth–Moon Explorer: Phases • Latitude • Longitude • Seasons

Earth–Moon Explorer

Interactive: Moon phases • Latitude & Polaris • Longitude & time • Seasons & tilt
Tip Use Space to play/pause Reset
Moon Phases
Seasons
Latitude
Longitude
Moon position in orbit (degrees)
0° (New) → 180° (Full)40°
Observer time of day
0 = midnight21.00 h
Animation
Play Step +5°
Waxing Crescent
Illuminated: —
Try this: Slide the Moon to 180° and set time to 0h (midnight). What phase do you see and where is the Sun?

Quick Check

If the Moon rises at sunset, what phase is it?
Check
Works offline. Save as earth-moon-explorer.html and open in any browser.

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