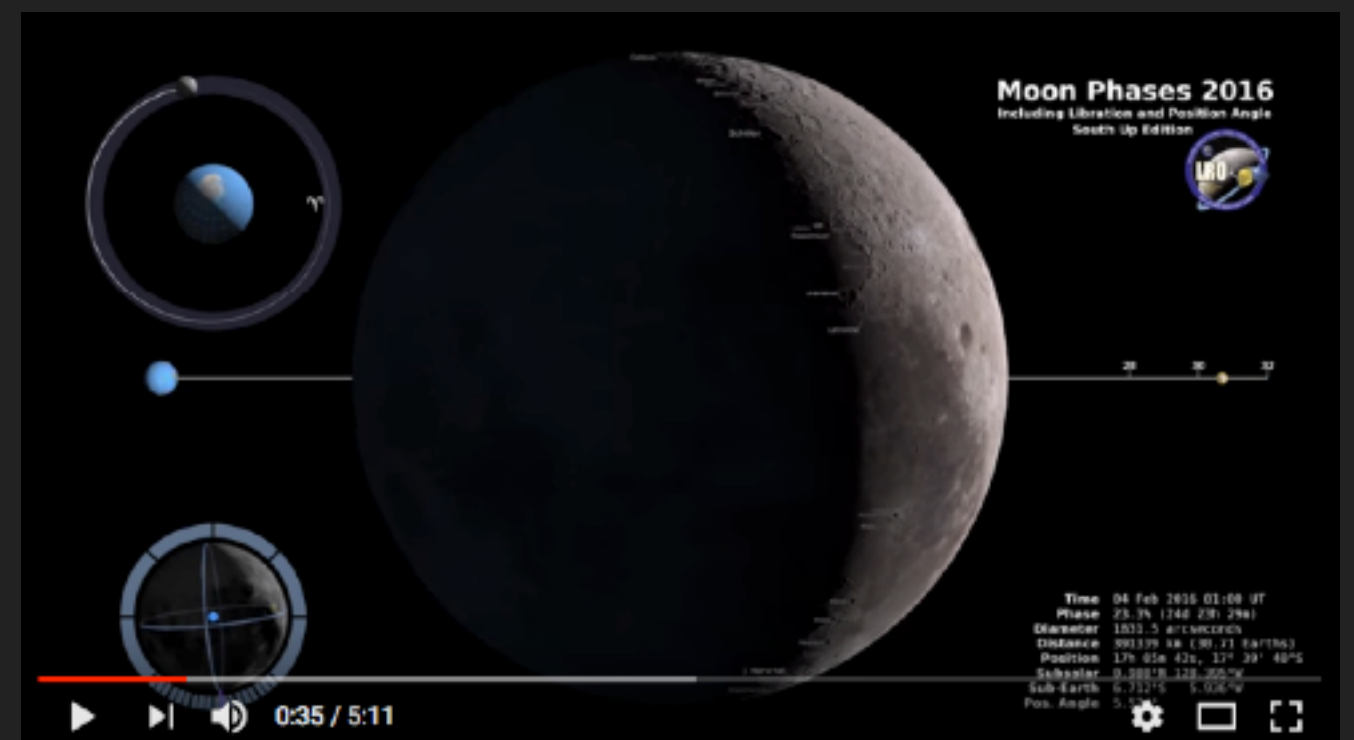
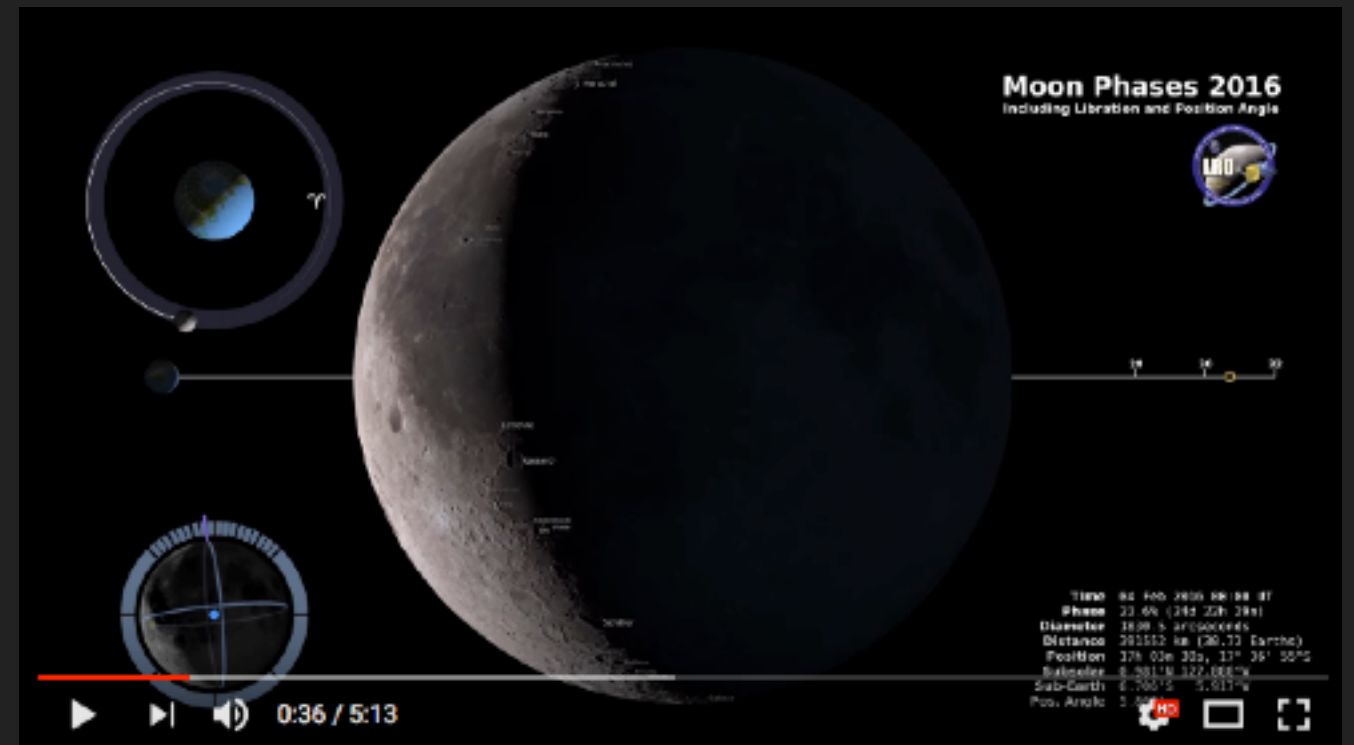


TIME KEEPING BASICS

MOON QUIZ

- ▶ Compare two moon images captured at the same time on February 4th, 2016 by NASA Lunar Reconnaissance Orbiter.
- ▶ What does each image tell you about the observer location?



WHAT IS A YEAR

Period	Duration
Lunar year	354 days 08h 48m 34s = 354.3671 days Average lunar cycle = 29.5306 days
Tropical year	365 days 05h 48m 46s = 365.2422 days
Julian Year	365 days 06h 00m 00s = 365.2500 days
Gregorian Year	$365 + 1/4 - 1/100 + 1/400 = 365.2425$ days

- *Münchhausen Year (with May 32): 365 days 6 hours 3 seconds*