

Sun and Moon Data for One Day

U.S. Naval Observatory Astronomical Applications Department

Knoxville, Knox County, TN (Longitude W83° 56', Latitude N35° 59')

Wednesday, October 7, 2015

Eastern Daylight Time

Sun

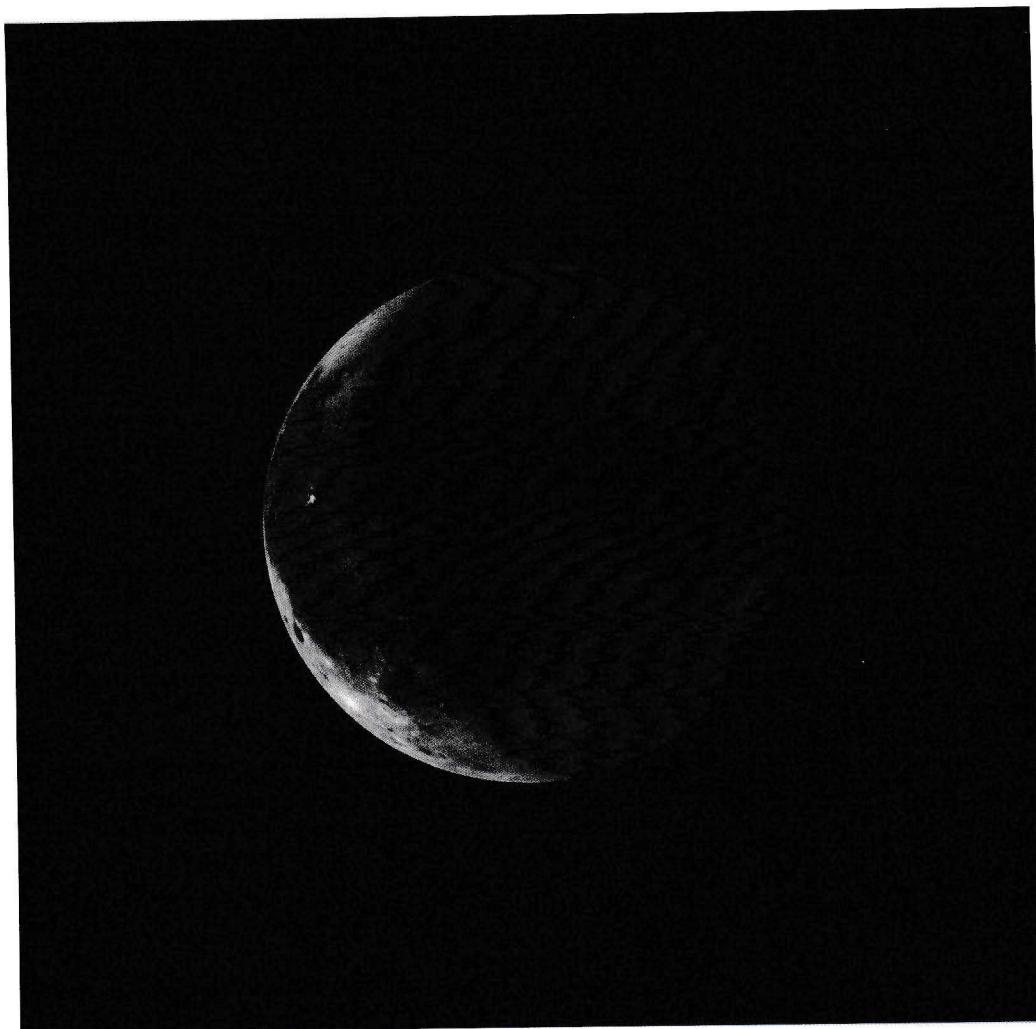
Begin civil twilight	7:10 a.m.
Sunrise	7:36 a.m.
Sun transit	1:24 p.m.
Sunset	7:11 p.m.
End civil twilight	7:37 p.m.

Moon

Moonrise	2:45 a.m.
Moon transit	9:37 a.m.
Moonset	4:24 p.m.

Closest Primary Moon Phase: Last Quarter on October 4, 2015 at 5:06 p.m. (local daylight time)

Phase of the Moon on October 7, 2015: Waning Crescent with 24% of the Moon's visible disk illuminated.



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