



MEMORANDUM OF RECORD

Shawn Etcher
Air Safety Investigator
Eastern Region Aviation

August 4, 2015

Subject: Sun and Moon Data for Georgetown Kentucky

U.S. Naval Observatory Astronomical Applications Department

Sun and Moon Data for One Day

Georgetown, Scott County, KY (Longitude W84° 34', Latitude N38° 13')

August 1, 2015

Eastern Daylight Time

Sun	
Begin civil twilight	6:11 a.m.
Sunrise	6:41 a.m.
Sun transit	1:45 p.m.
Sunset	8:48 p.m.
End civil twilight	9:17 p.m.
Moon	
Moonrise	8:53 p.m. on preceding day
Moon transit	2:25 a.m.
Moonsset	8:03 a.m.
Moonrise	9:36 p.m.

Closest Primary Moon Phase: Full Moon on July 31, 2015 at 6:43 a.m. (local daylight time)

Phase of the Moon on August 1, 2015: Waning Gibbous with 98% of the Moon's visible disk illuminated.