

**U.S. Naval Observatory
Astronomical Applications Department**

Sun and Moon Data for One Day

The following information is provided for Greenville, Piscataquis County, Maine (longitude W69.6, latitude N45.5):

Saturday 19 October 2013		Eastern Daylight Time
SUN		
Begin civil twilight	6:30	a.m.
Sunrise	7:00	a.m.
Sun transit	12:23	p.m.
Sunset	5:46	p.m.
End civil twilight	6:16	p.m.
MOON		
Moonrise	5:34	p.m. on preceding day
Moon transit	12:31	a.m.
Moonset	7:38	a.m.
Moonrise	6:08	p.m.
Moonset	8:42	a.m. on following day

Phase of the Moon on 19 October: waning gibbous with 99% of the Moon's visible disk illuminated.

Full Moon on 18 October 2013 at 7:39 p.m. Eastern Daylight Time.

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