

**WPR14FA132  
Solar Information**



[NOAA ESRL](#)

# Sunrise/Sunset Calculator



the NOAA Solar Calculator. Back when this calculator was first created, we decided to use a non-standard definition of longitude and time zone are defined as positive to the west, instead of the international standard of positive to the east of the Prime Meridian. If you, for whatever reason, prefer the old calculator. For the rest of you, we encourage you to instead [click here to use the new calculator](#).

City:		Deg:	Min:	Sec:	<a href="#">Time Zone</a>	
Enter Lat/Long --> ▾	<a href="#">Lat:</a> North=+ South=-	39	5	53	Offset to UTC (MST=+7):	<a href="#">Daylight Saving Time:</a>
<a href="#">Click here for help finding your lat/long coordinates</a>	<a href="#">Long:</a> West=+ East=-	119	39	53		8

**Note:** To manually enter latitude/longitude, select **Enter Lat/Long -->** from the City pulldown menu, and enter the values in the text boxes to the right.

Month:	Day:	Year (e.g. 2000):
March ▾	8	2014

Calculate Sunrise/Sunset

<a href="#">Equation of Time (minutes):</a>	<a href="#">Solar Declination (degrees):</a>	<a href="#">Apparent Sunrise:</a>	<a href="#">Solar Noon:</a>	<a href="#">Apparent Sunset:</a>	Time Zone
-10.83	-4.87	6:21AM	12:09:29	5:59PM	Local
		14:21	20:09:29	1:59 09Mar	UTC