

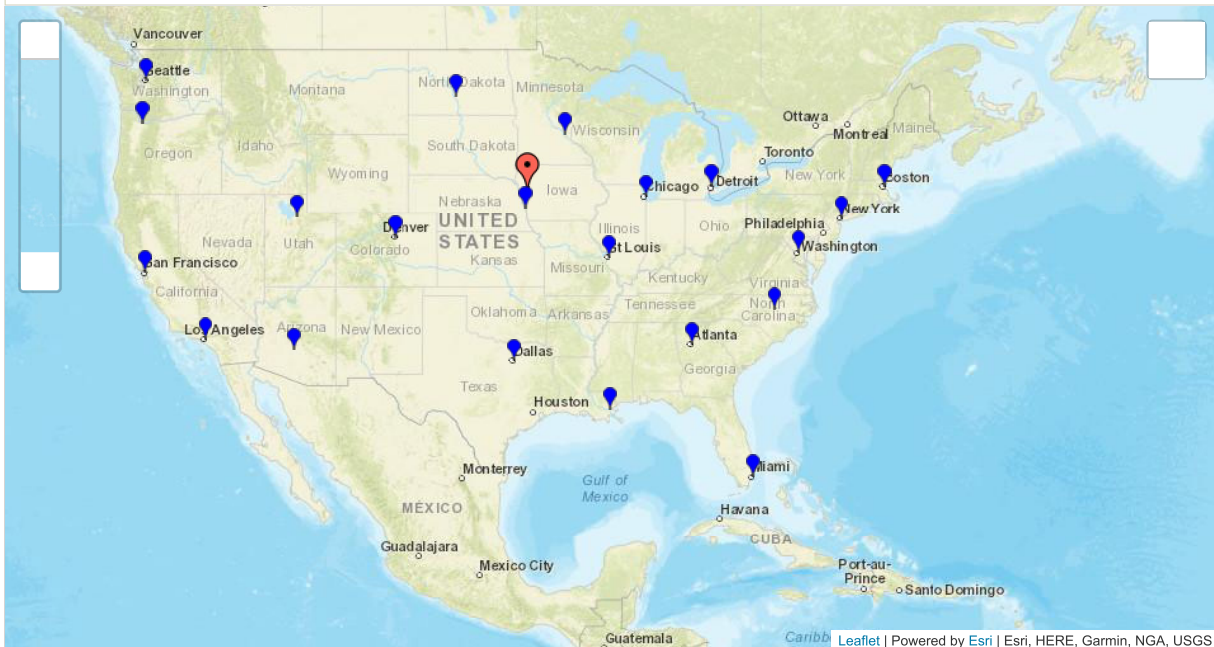


NOAA Solar Calculator

Find Sunrise, Sunset, Solar Noon and Solar Position for Any Place on Earth

Show: ☐ World Cities ☒ U.S. Cities ☐ GML ☐ GML Data Sites ☐ SurfRad & Solrad
Observatories

Drag the large red pin to the desired location and enter the date and time at which to calculate the sun position.



Location:

Latitude: ?	Longitude: ?	Time Zone: ?
42.021303	-95.710542	America/Chicago
Save Location		UTC Offset: ?
		-05:00

Date:

Day:	Month:	Year:
30	Jul	2022
Local Time:		
01	:	00
00	:	00
☒ PM	Use Current Time	

Result

Equation of Time ? (minutes):	Solar Declination ? (in°):	Solar Noon ? (hh:mm:ss):
-6.45	18.38	13:29:19
Apparent Sunrise ? (hh:mm):	Apparent Sunset ? (hh:mm):	Az/EI ? (in °) at Local Time:
06:14	20:44	163.01
65.56		
☐ Show Sunrise ?	☐ Show Sunset ?	☐ Show Azimuth ?