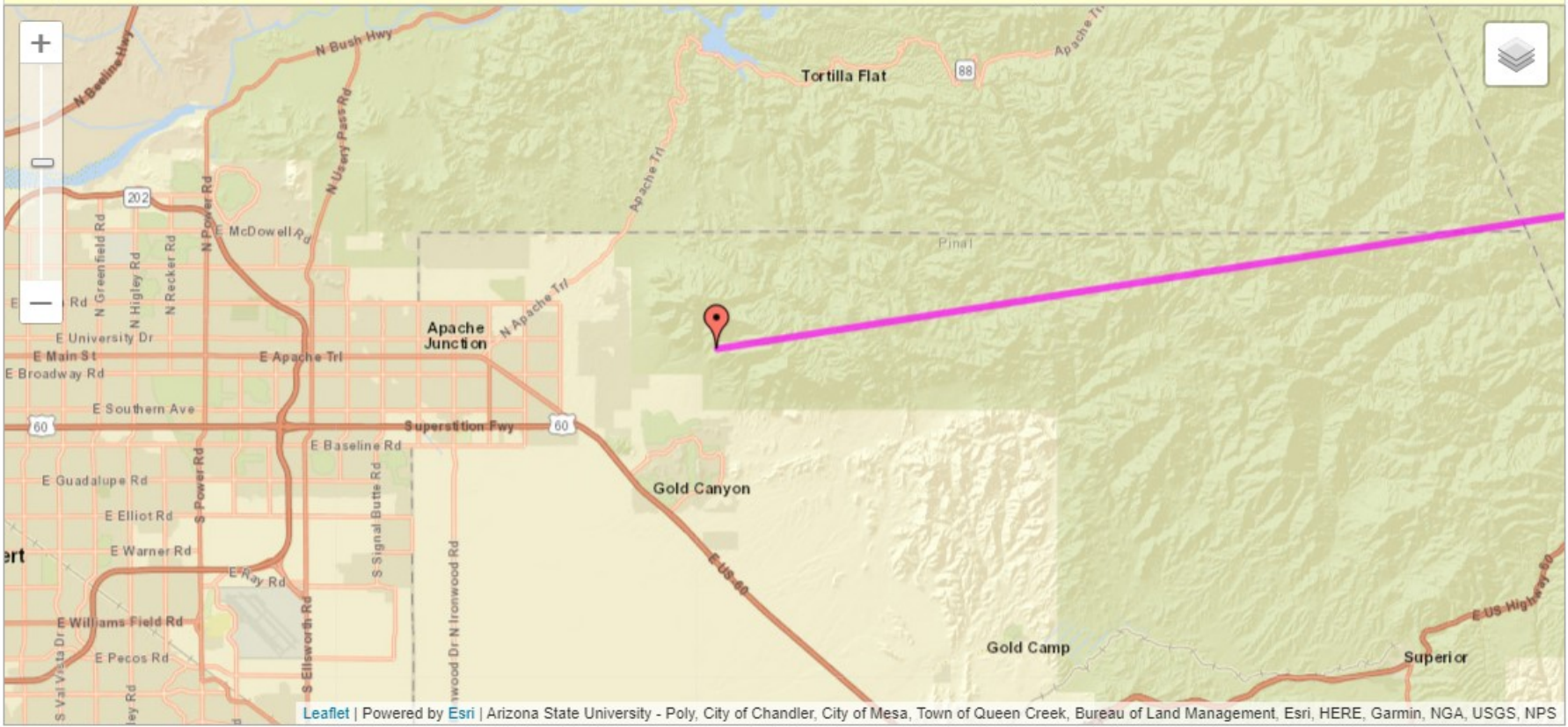


NOAA Solar Calculator

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

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

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: ?

33.4182

-111.43533

America/Phoenix

Save Location

UTC Offset: ?

-07:00

Date:

Day:

Month:

Year:

10

Jun

2023

Local Time:

07 : 51 : 44

☐ PM

Use Current Time

Result

Equation of Time ? (minutes):	Solar Declination ? (in°):	Solar Noon ? (hh:mm:ss):	Apparent Sunrise ? (hh:mm):	Apparent Sunset ? (hh:mm):	Az/EI ? (in °) at Local Time:
0.55	23.02	12:25:08	05:16	19:35	80.74 29.94
			☐ Show Sunrise ?	☐ Show Sunset ?	☒ Show Azimuth ?