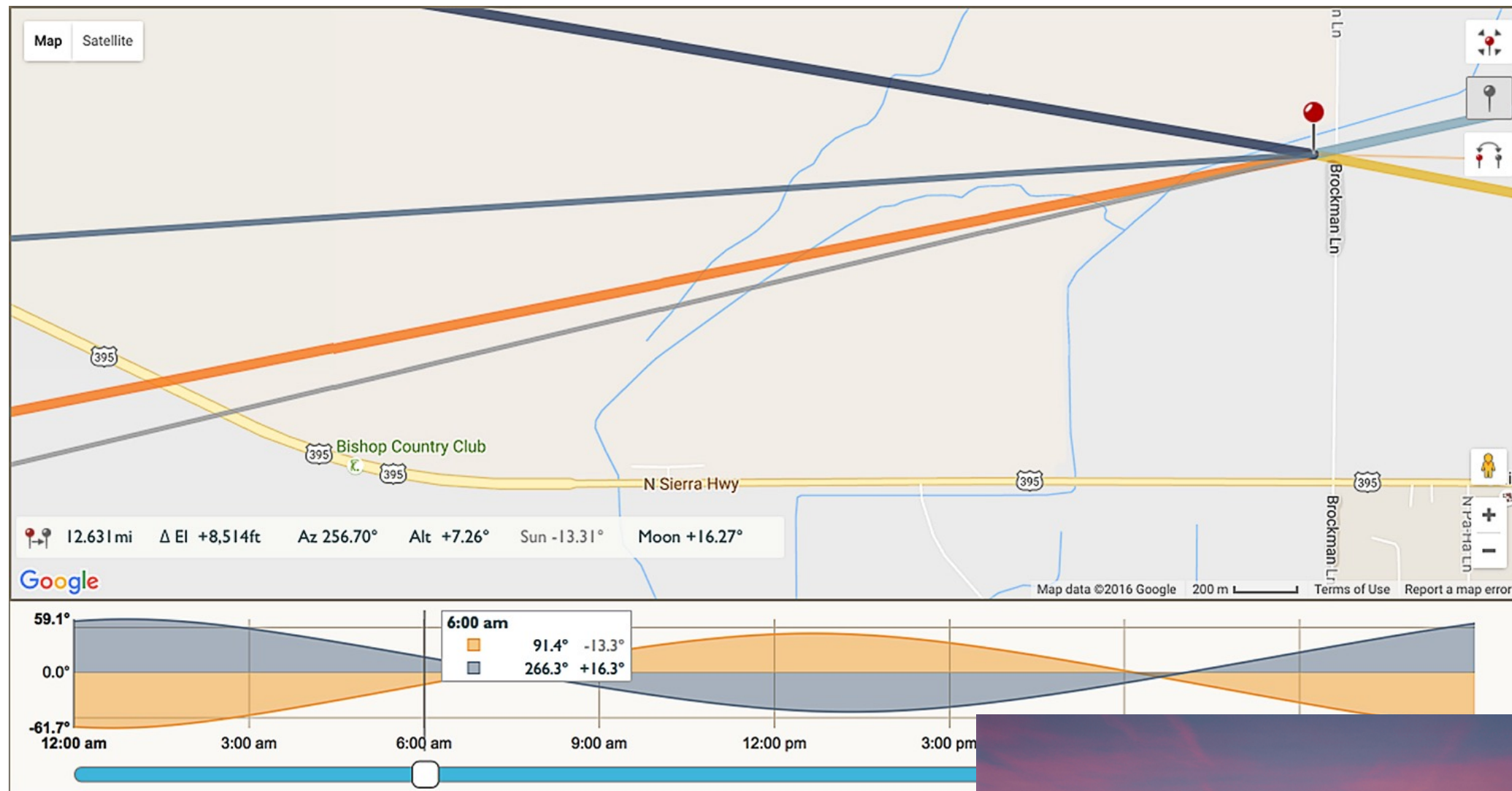


# Moonset over Mt. Tom from Brockman Lane Field 10/15/16



## Moon/Sun Schedule

### October 14th

Moonset: 5:08 AM

Sunrise: 7:02 AM

### October 15th

Moonset: 6:18 AM

Sunrise: 7:03 AM

### October 16th

Moonset: 7:30 AM

Sunrise: 7:04 AM

### October 17th

Moonset: 8:42 AM

Sunrise: 7:05 AM

### October 18th

Moonset: 9:53 AM

Sunrise: 7:06 AM

### October 19th

Moonset: 11:00 AM

Sunrise: 7:07 AM

Azimuth data will vary by a degree or two

GPS Decimal for Google Maps & iOS Maps: 37.384511 -118.432818 \*

Moonset: 6:18 AM @ 274°

Sunrise: 7:02 AM @ 101°

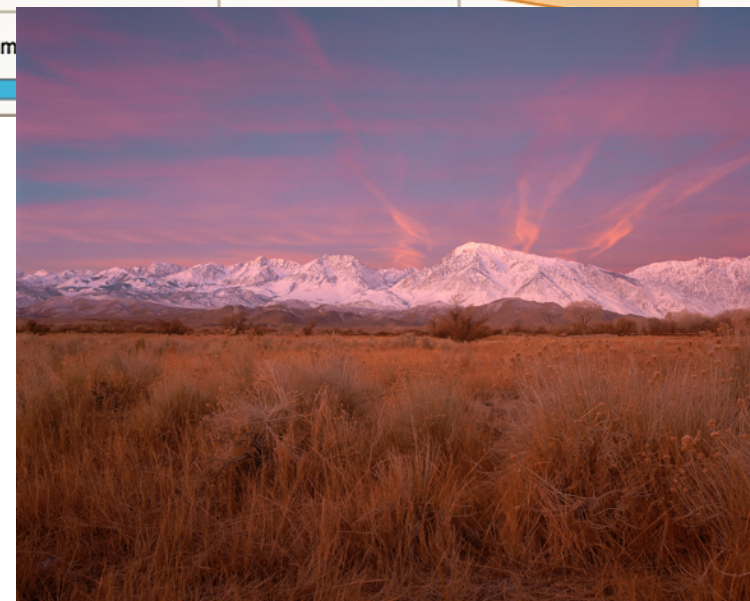
Nautical Twilight: 6:05-6:35 AM

Blue Hour: 6:35-6:46 AM

Golden Hour: 6:46-7:38 AM

Map shows the moon at 266.3° Azimuth with an elevation of 16.3° @ 6:00 AM. Note: the Sun is still below the horizon at 91.4° Azimuth and -13.3° below horizon. From the camera position the top of Mt. Tom will be approximately 7.26° above horizon with the moon positioned to the left of the peak. Photo in right side is rough approximation of the scene without the moon.

\* For some reason TPE will not place GPS coordinates pin exactly, you need to re-position manually.



Yellow Line - position of Sun @ sunrise, Orange Line - position of Sun @ sunset, Light Blue Line - position of Moon @ moonrise, Dark Blue Line - position of Moon at moonset, Medium Gray Thin Line - position of moon @ 6:00 AM, Light Gray Thin Line - position of Mt. Tom