

## Weather – KLRU 280055Z AUTO 04005KT 10SM BKN065 23/16 A3016

*(MDT time is equal to UCT time minus 6 hours - 1900 hours MDT = 0100 hours UCT on the following day)*

KLRU Airport – Las Cruces, NM (*elevation 4,456 feet*) is about 4 miles northeast from the accident location

---

KLRU 280115Z AUTO 06008KT 10SM SCT065 SCT075 SCT100 23/16 A3017

RMK AO2 T02250155 PWINO=

KLRU 280055Z AUTO 04005KT 10SM BKN065 23/16 A3016

RMK AO2 LTG DSNT SW T02250159 PWINO=

KLRU 280035Z AUTO 07008KT 10SM SCT021 SCT055 BKN075 22/17 A3016

RMK AO2 LTG DSNT NE T02200166 PWINO=

KLRU 280015Z AUTO 05010KT 10SM BKN065 BKN070 OVC095 23/17 A3016

RMK AO2 LTG DSNT NE AND SE T02250168 PWINO=

KLRU 272355Z AUTO 02015G19KT 10SM BKN065 BKN075 OVC095 23/16 A3015

RMK AO2 LTG DSNT NE T02290157 10310 20229 PWINO=

KLRU 272335Z AUTO 35019G29KT 10SM OVC065 24/15 A3015

RMK AO2 LTG DSNT N AND NE T02360154 PWINO=

KLRU 272315Z AUTO 34013G21KT 320V040 10SM VCTS OVC065 30/12 A3015

RMK AO2 LTG DSNT N AND NE T02950117=

# Sun and Moon Data for One Day

U.S. Naval Observatory  
Astronomical Applications Department

Las Cruces, Dona Ana County, NM (Longitude W106° 44', Latitude N32° 20')

Wednesday, August 27, 2014 Mountain Daylight Time

## Sun

|                      |           |
|----------------------|-----------|
| Begin civil twilight | 6:14 a.m. |
| Sunrise              | 6:39 a.m. |
| Sun transit          | 1:08 p.m. |
| Sunset               | 7:37 p.m. |
| End civil twilight   | 8:03 p.m. |

## Moon

|              |           |
|--------------|-----------|
| Moonrise     | 8:29 a.m. |
| Moon transit | 2:38 p.m. |
| Moonset      | 8:42 p.m. |

Closest Primary Moon Phase: New Moon on August 25, 2014 at 8:13 a.m. (local daylight time)

Phase of the Moon on August 27, 2014: Waxing Crescent with 4% of the Moon's visible disk illuminated.

[http://aa.usno.navy.mil/data/docs/RS\\_OneDay.php](http://aa.usno.navy.mil/data/docs/RS_OneDay.php)

Solar Position and Apparent Sunset from <http://www.esrl.noaa.gov/gmd/grad/solcalc/>  
*showing at 1900 MDT the Sun was Azimuth 277 degrees & Elevation 7 degrees*

NOAA Solar Calculator

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

Show: ☐ World Cities ☒ U.S. Cities ☐ GMD Observ.'s ☐ GMD Data Sites ☐ SurfRad

Click one of the small pins near (and in the same time zone as) your desired location. Use the control on the left side of the map to zoom in or out. Place the large pin in the exact desired location. You can use the Save button to have your computer remember the current location for next time. Check the DST check box if Daylight Saving Time is in effect for your site.



Location:

Latitude: 32.285971 Longitude: -106.93679 Time Zone: -6

☐ DST?

Save Location

Date:

Day: 27 Month: Aug Year: 2014

Local Time:

19 : 00 : 00 ☐ PM Use Current Time

Result

| Equation of Time (minutes): | Solar Declination (in°): | Apparent Sunrise (hh:mm): | Solar Noon (hh:mm:ss): | Apparent Sunset (hh:mm): | Az/El (in °) at Local Time: |
|-----------------------------|--------------------------|---------------------------|------------------------|--------------------------|-----------------------------|
| -1.39                       | 9.8                      | 06:40                     | 13:09:12               | 19:38                    | 277.11 7.25                 |

☐ Show Sunrise ☒ Show Sunset ☒ Show Azimuth