

From:

Subject:

Date:

WPR24FA002 wx

Monday, October 30, 2023 12:05:18 PM

Hello Fabian.

Per your request, I am providing the following astronomical information in support of WPR24FA002. What follows is applicable for 1 October 2023 at Canyonlands Regional Airport (CNY), located at coordinates [38.7576308, -109.7534625] at an elevation of about 4580 feet.

Moon rise occurred that evening at 2023 MDT and at 2027 MDT the center of the moon's disk, considering refraction, was only 0.32° above the horizon at an azimuth of 067° (east-northeast). The moon was in a phase of waning gibbous with 90.4% of it's disk illuminated at 2027 MDT.
(<https://www.mooncalc.org/#/38.7576,-109.7535,9/2023.10.01/20:27/1/3>)

Mike

Mike Richards

Aviation Safety Investigator - Senior Meteorologist

Operational Factors Division

National Transportation Safety Board

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