

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: CEN23LA350 WX
Date: Friday, August 11, 2023 14:51:43

Mr. Hodges, per your request....

- At 0106 CDT (0606 UTC) on 6 August 2023, and relative to coordinates [40.41628, -91.13626], the moon was at an altitude of 25° and at an azimuth of 106° with 72% of its disk illuminated. The moon had risen at 2311 CDT on the previous day and set at 1155 CDT on the accident day.

<https://www.mooncalc.org/#/40.4163,-91.1363,3/2023.08.06/01:06/1/3>

- The closest surface observation station with a ceilometer and visibility sensor was located at Keokuk Municipal Airport (EOK), which was located about 14 miles west of the accident site at an elevation of about 670 feet. Automated reports from the EOK system during the times surrounding the accident time are presented here.

https://mesowest.utah.edu/cgi-bin/droman/download_api2.cgi?stn=EOK&hour1=19&min1=45&timetype=LOCAL&unit=0&graph=0

KEOK 060535Z AUTO 00000KT 9SM FEW049 19/19 A2994 RMK A01
KEOK 060555Z AUTO 00000KT 8SM FEW045 FEW050 19/19 A2993 RMK A01
KEOK 060615Z AUTO 00000KT 7SM CLR 19/19 A2993 RMK A01
KEOK 060635Z AUTO 00000KT 6SM BR CLR 19/19 A2992 RMK A01

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