

# National Transportation Safety Board

Office of Aviation Safety  
Central Region



CEN21FA330

## **METEOROLOGICAL DATA SUMMARY**

## ACCIDENT

Location: Elgin, Minnesota  
Date: September 19, 2021  
Time: 1600 central daylight time (2100 UTC)  
Airplane: Robinson R44 II; Registration No. N44BJ

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## Closest Aviation Weather Station

Rochester International Airport (KRST)  
Rochester, Minnesota, USA  
43.9082778° North Latitude  
92.5000278° West Longitude  
1,317.4 ft mean sea level (airport field elevation)

Distance To Accident Site: 17.4 nautical miles  
Direction To Accident Site: 046° True

## Meteorological Aerodrome Report (METAR)

METAR KRST 191854Z 00000KT 10SM CLR 28/17 A3022 RMK AO2 SLP228 T02830167=

METAR KRST 191954Z 35005KT 10SM SCT047 28/17 A3021 RMK AO2 SLP226  
T02830167=

METAR KRST 192054Z 28005KT 10SM FEW048 28/17 A3020 RMK AO2 SLP223 T02780167  
56014=

*--- Accident Occurred at 2100 UTC (1600 CDT) ---*

METAR KRST 192154Z 30004KT 10SM CLR 28/17 A3020 RMK AO2 SLP221 T02780167=

METAR KRST 192254Z 30003KT 10SM CLR 27/17 A3019 RMK AO2 SLP219 T02720172=

## Terminal Aerodrome Forecast (TAF)

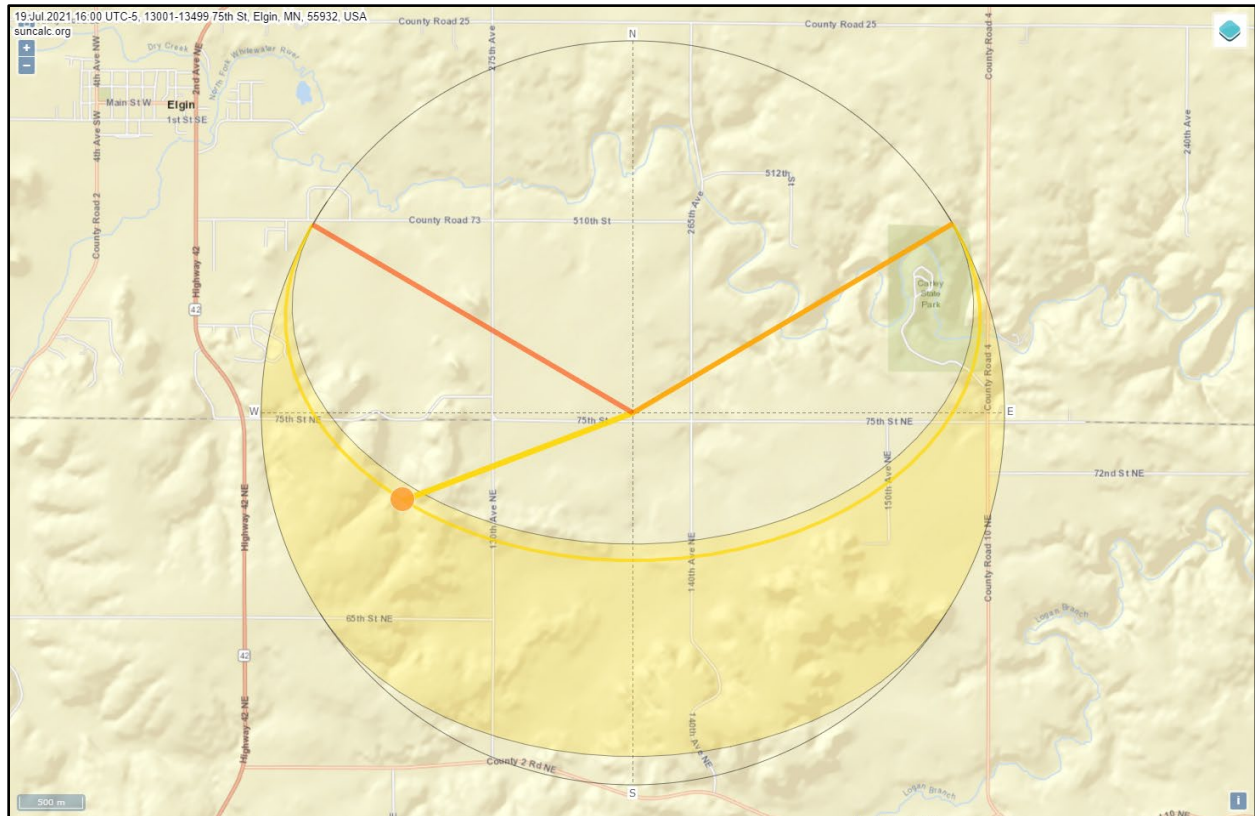
TAF KRST 191737Z 1918/2018 31005KT P6SM SCT045 SCT250 FM200200 24005KT P6SM  
SCT250=

TAF KRST 192320Z 2000/2024 25005KT P6SM SCT250 FM201800 32008KT P6SM SCT050=

## Sun Position

At the time of the accident, the sun's position was in the west-southwest ( $249^\circ$  true) and about  $48.6^\circ$  above the horizon, as shown in figure 1.

On the day of the accident, the sunrise and sunset were at 0543:11 and 2046:37, respectively.



**Figure 1.** Sun position at the time of the accident