

# National Transportation Safety Board

Office of Aviation Safety  
Central Region



CEN24FA188

## **METEOROLOGICAL DATA**

## ACCIDENT

Date: May 15, 2024  
Time: 2039 central daylight time (0139 UTC)  
Location: Godley, Texas  
Airplane: Cessna 150L  
Registration: N1701Q

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## Closest Aviation Weather Station

Cleburne Municipal Airport (KCPT)  
Cleburne, Texas, USA  
32.3537500° North Latitude  
97.4337500° West Longitude  
854.2 ft mean sea level (airport field elevation)

Distance To Accident Site: 6.1 nautical mile  
Direction To Accident Site: 110° True

## Meteorological Aerodrome Report (METAR)

METAR KCPT 152355Z AUTO 13013KT 10SM CLR 28/18 A2976 RMK A01=

METAR KCPT 160015Z AUTO 13014KT 10SM CLR 27/18 A2976 RMK A01=

METAR KCPT 160035Z AUTO 13013G22KT 10SM CLR 27/18 A2975 RMK A01=

METAR KCPT 160055Z AUTO 13011G16KT 10SM CLR 26/18 A2975 RMK A01=

METAR KCPT 160115Z AUTO 13010G16KT CLR 26/18 A2976 RMK A01=

METAR KCPT 160135Z AUTO 12012KT 10SM CLR 26/19 A2976 RMK A01=

*--- Accident Occurred at 0139 UTC (2039 CDT) ---*

METAR KCPT 160155Z AUTO 12015KT 10SM CLR 26/19 A2976 RMK A01=

METAR KCPT 160215Z AUTO 11013KT 10SM CLR 25/19 A2977 RMK A01=

METAR KCPT 160235Z AUTO 11010G18KT 10SM 25/19 A2977 RMK A01=

## High-Resolution Rapid Refresh (HRRR) Atmosphere Model (0100 UTC)

| PRESSURE_hPa | HEIGHT_MSL_FEET | TEMP_C | DEWPOINT_C | WIND_DIR_DEG | WIND_SPEED_KNOTS |
|--------------|-----------------|--------|------------|--------------|------------------|
| 974          | 928             | 25.9   | 16.5       | 120.6        | 11.9             |
| 973          | 958             | 26.7   | 17         | 120.3        | 11.7             |
| 970          | 1050            | 26.9   | 17.1       | 121.6        | 17.5             |
| 964          | 1214            | 26.8   | 16.4       | 122.7        | 20.4             |
| 955          | 1483            | 26.2   | 16.1       | 125.6        | 23.5             |
| 942          | 1903            | 25.2   | 15.7       | 129.5        | 25.1             |
| 924          | 2434            | 24.3   | 14         | 139.6        | 26.0             |
| 904          | 3077            | 23.8   | 10.3       | 156.9        | 26.8             |
| 881          | 3793            | 23.3   | 7.8        | 176.1        | 26.6             |
| 857          | 4603            | 22.4   | 1.4        | 192.0        | 27.2             |
| 830          | 5499            | 20.7   | -1.2       | 204.4        | 26.6             |
| 800          | 6529            | 18.6   | -5.5       | 208.9        | 26.4             |
| 768          | 7677            | 16.3   | -9.6       | 209.5        | 25.9             |
| 733          | 8973            | 13.5   | -12.5      | 212.2        | 25.1             |
| 695          | 10420           | 9.9    | -12.7      | 208.9        | 23.9             |

## Sun Position

Accident: 2039 CDT  
 Altitude: -3.97°  
 Azimuth: 295.84°

Dawn: 0604:37 CDT  
 Sunrise: 0631:20 CDT  
 Sun Peak: 1326:33 CDT  
 Sunset: 2022:09 CDT  
 Dusk: 2048:57 CDT

