



# Evening Weather Briefing – July 12, 2025

## Sunset Time: 8:45 PM CDT

### General Forecast Discussion

The sun made an appearance this afternoon after the fog dissipated. Today, temperatures peaked out at about 81 deg F. Surface analysis shows high pressure off to our southwest as the low and trailing cold front that brought the Friday night rain moves off to the northeast. Winds on the surface are forecast to be between 7-9 knots on the surface at 7PM decreasing to around 3-5 knots around sunset. Steering is limited tonight, with a forecast direction from 300-315 degrees.



### Current Conditions

**Pella Municipal Airport – Elevation 886 ft:** 122215Z AUTO 30007KT 10SM SCT039 SCT046 27/19 A2996

**Knoxville Municipal Airport – Elevation 928 ft:** 122215Z AUTO 31009KT 10SM FEW041 FEW049 27/18 A2996

**Des Moines International Airport – Elevation 954 ft:** 122154Z 32010KT 10SM FEW045 BKN250 BKN300 26/16 A2998

### Forecasted Conditions

**Des Moines International Airport (KDSM) – Terminal Forecast (from 00Z)**

**Winds: 310 at 6kts**

**Visibility: >6 Miles**

**Clouds: Scattered at 25,000**

**Winds Aloft**

**3000 ft: 320 @ 10kts**

**6000 ft: 260 @ 12kts**

**9000 ft: 280 @ 12 kts**

**RAP Model winds: 23Z – 6PM**

**RAP Model winds: 00Z – 7PM**

**RAP Model winds: 01Z – 8PM**

**RAP Model winds: 02Z – 9PM**

| Height Ft AGL | T (F) | Td (F) | Wind Dir (from) | Speed (kts) |
|---------------|-------|--------|-----------------|-------------|
| 0             | 79.2  | 64.1   | 298, WNW        | 11          |
| 33            | 79.4  | 63.2   | 298, WNW        | 11          |
| 121           | 78.7  | 62.6   | 298, WNW        | 13          |
| 282           | 77.6  | 62.2   | 298, WNW        | 14          |
| 559           | 76.2  | 61.8   | 298, WNW        | 14          |
| 971           | 74.0  | 61.4   | 298, WNW        | 15          |
| 1504          | 71.1  | 60.8   | 297, WNW        | 15          |
| 2152          | 67.5  | 60.0   | 296, WNW        | 14          |
| 2872          | 63.8  | 59.1   | 294, WNW        | 14          |
| 3663          | 60.9  | 55.1   | 285, WNW        | 12          |
| 4589          | 57.5  | 51.0   | 271, W          | 11          |
| 5594          | 53.9  | 45.2   | 253, WSW        | 11          |
| 6753          | 50.8  | 33.1   | 244, WSW        | 11          |

| Height Ft AGL | T (F) | Td (F) | Dir (from) | Speed (kts) |
|---------------|-------|--------|------------|-------------|
| 0             | 77.3  | 61.7   | 307, NW    | 9           |
| 29            | 78.0  | 60.8   | 308, NW    | 9           |
| 118           | 77.6  | 60.2   | 308, NW    | 11          |
| 278           | 76.7  | 59.7   | 308, NW    | 12          |
| 555           | 75.3  | 59.2   | 309, NW    | 13          |
| 966           | 73.1  | 58.7   | 308, NW    | 13          |
| 1497          | 70.2  | 58.1   | 307, NW    | 13          |
| 2144          | 66.8  | 57.3   | 307, NW    | 13          |
| 2859          | 63.2  | 55.6   | 304, NW    | 13          |
| 3653          | 60.3  | 52.6   | 291, WNW   | 11          |
| 4554          | 57.1  | 50.1   | 258, WSW   | 11          |
| 5582          | 54.2  | 42.6   | 238, WSW   | 11          |
| 6736          | 53.5  | 20.9   | 232, SW    | 13          |

| Height Ft AGL | T (F) | Td (F) | Dir (from) | Speed (kts) |
|---------------|-------|--------|------------|-------------|
| 0             | 74.2  | 61.2   | 321, NW    | 7           |
| 32            | 75.8  | 60.6   | 319, NW    | 7           |
| 117           | 75.8  | 60.0   | 321, NW    | 10          |
| 277           | 75.3  | 59.3   | 321, NW    | 12          |
| 552           | 74.0  | 58.5   | 322, NW    | 14          |
| 982           | 72.0  | 57.7   | 322, NW    | 14          |
| 1495          | 69.2  | 56.8   | 321, NW    | 14          |
| 2138          | 65.9  | 55.7   | 321, NW    | 14          |
| 2854          | 62.7  | 53.6   | 317, NW    | 13          |
| 3643          | 60.0  | 50.8   | 293, WNW   | 10          |
| 4549          | 57.3  | 48.4   | 254, WSW   | 11          |
| 5574          | 54.8  | 39.8   | 240, WSW   | 13          |
| 6729          | 54.9  | 12.9   | 236, WSW   | 13          |

| Height Ft AGL | T (F) | Td (F) | Dir (from) | Speed (kts) |
|---------------|-------|--------|------------|-------------|
| 0             | 71.9  | 61.1   | 315, NW    | 4           |
| 32            | 73.5  | 60.7   | 317, NW    | 4           |
| 117           | 73.8  | 60.0   | 319, NW    | 7           |
| 275           | 73.8  | 59.3   | 322, NW    | 9           |
| 550           | 72.9  | 58.2   | 323, NW    | 11          |
| 959           | 71.1  | 57.0   | 323, NW    | 12          |
| 1491          | 68.4  | 55.8   | 323, NW    | 12          |
| 2135          | 65.4  | 53.4   | 321, NW    | 12          |
| 2846          | 62.5  | 50.2   | 311, NW    | 11          |
| 3637          | 59.6  | 49.3   | 279, W     | 10          |
| 4539          | 56.6  | 47.2   | 249, WSW   | 13          |
| 5560          | 53.3  | 41.4   | 239, WSW   | 15          |
| 6718          | 52.6  | 21.6   | 242, WSW   | 14          |