

**Spot Forecast for 901 Ptarmigan Complex – Bureau of Land Management
National Weather Service Fairbanks, AK**

Issued: 5:39 AM AKDT | Friday, July 18, 2025

Forecast Start Time: 7:00 AM AKDT | July 18, 2025

If conditions become unrepresentative, contact the National Weather Service.

Discussion

Generally warm and dry weather will continue through the weekend, with highs in the 70s and minimum relative humidity values in the lower 40s. Wind gusts up to 15 mph are possible this evening during periods of sunshine; otherwise, winds will remain light. While mostly dry conditions are expected, isolated showers and thunderstorms may develop this afternoon and evening, potentially bringing brief gusty winds and heavy rain. Better chances for showers, rain, and possibly isolated thunderstorms are expected Sunday night into Monday as southwesterly flow aloft brings increased moisture.

Today

- **Sky/Weather:** Partly sunny (65–75%). Isolated showers and thunderstorms throughout the day.
 - **Chance of Wetting Rain (CWR):** 10%
 - **Thunderstorm Coverage:** Isolated
 - **Max Temperature:** Around 71°F
 - **Min Humidity:** 41%
 - **Surface Winds (20 ft):** Light, becoming east around 5 mph in the afternoon. Gusty and erratic winds near thunderstorms.
 - **Ridgetop Winds:** Northeast at 5 mph
 - **Mixing Height:** 800 ft AGL, rising to 4,600 ft AGL in late morning/afternoon
 - **Transport Winds:** East around 5 mph
 - **Inversion Burnoff:** Around 9:00 AM AKDT
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Tonight

- **Sky/Weather:** Mostly cloudy (75–85%). Isolated thunderstorms in the evening. Isolated rain showers overnight.
- **Chance of Wetting Rain (CWR):** 10%
- **Thunderstorm Coverage:** Isolated
- **Min Temperature:** Around 54°F
- **Max Humidity:** 83%
- **Surface Winds (20 ft):** Northeast 5–7 mph. Gusty and erratic winds near evening thunderstorms.
- **Ridgetop Winds:** Northeast 7–10 mph

- **Mixing Height:** 4,600 ft AGL, decreasing to 400 ft AGL overnight
 - **Transport Winds:** Northeast around 8 mph
 - **Inversion Setup:** Around 10:00 PM AKDT
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Saturday

- **Sky/Weather:** Partly sunny (60–70%). Isolated rain showers.
 - **Chance of Wetting Rain (CWR):** 2%
 - **Thunderstorm Coverage:** None
 - **Max Temperature:** Around 70°F
 - **Min Humidity:** 44%
 - **Surface Winds (20 ft):** North 6–8 mph
 - **Ridgetop Winds:** North 5–10 mph
 - **Mixing Height:** 600 ft AGL, rising to 5,200 ft AGL
 - **Transport Winds:** North around 6 mph
 - **Inversion Burnoff:** Around 9:00 AM AKDT
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Forecast Days 3–5

- **Sunday:** Mostly cloudy with scattered showers.
Lows: Mid 50s | *Highs:* Lower 70s | *Winds:* NE around 6 mph
- **Monday:** Mostly cloudy with scattered showers.
Lows: Mid 50s | *Highs:* Around 70°F | *Winds:* Light
- **Tuesday:** Mostly cloudy with scattered showers.
Lows: Lower 50s | *Highs:* Mid 60s | *Winds:* SW around 7 mph