

Spot Forecast for Ptarmigan Complex...BLM  
National Weather Service Fairbanks AK  
538 AM AKDT Sun Jul 6 2025

Forecast is based on forecast start time of 0700 AKDT on July 06.  
If conditions become unrepresentative...contact the National Weather Service.

...HEAT ADVISORY IN EFFECT UNTIL 10 PM AKDT THIS EVENING...

.DISCUSSION...

On Saturday July 5th, observations across the area reported max temps near 85F, with minimum RH of 16 percent. Winds were largely out of the east-northeast, with max gusts of 19 mph. As of 0530 this morning we are seeing RH recovery in the 60 to 70 percent range with light winds becoming westerly.

Moving through Sunday expecting hot and dry to continue, with a more southerly wind component. Without considering thunderstorm outflow potential, wind gusts should largely remain below 15 mph. However, thunderstorms are likely through the afternoon with higher confidence the more south you go. Expect gusty/erratic 30 to 40 mph winds from outflow if storms move near you. Keep a sharp eye on any virga falling from the base of any storms.

Monday we will start to see cooler temperatures, with higher RH, along with increased chances for wetting rain, especially Tuesday into Thursday.

.REST OF TODAY...

Sky/weather.....Sunny (0-10 percent) then becoming partly sunny (50-60 percent). Haze and areas of smoke through the day. Scattered showers and isolated thunderstorms in the afternoon.

CWR.....10 percent.

Tstm Coverage.....Isolated.

Max temperature.....Around 85.

Min humidity.....25 percent.

Wind (20 ft).....Light winds becoming southerly 5 to 7 mph in the afternoon. Gusty and erratic winds expected near thunderstorms in the afternoon.

Ridgetop wind.....Westerl 8 to 12 gust 15 mph.

Mixing height.....600 ft AGL increasing to 7900 ft AGL in the late morning and afternoon.

Transport winds.....Southeast around 6 mph.

Inversion burnoff...Near 8am.

.TONIGHT...

Sky/weather.....Mostly cloudy (50-60 percent). Haze and areas of smoke through the night. Isolated thunderstorms in the evening. Isolated rain showers through the night.

CWR.....10 percent.

Tstm Coverage.....Isolated.

Min temperature.....Around 56.

Max humidity.....88 percent.

Wind (20 ft).....South winds 5 to 7 mph in the evening becoming

light. Gusty and erratic winds expected near  
thunderstorms in the evening.

Ridgetop wind.....Light winds.

Mixing height.....7900 ft AGL decreasing to 500 ft AGL in the  
late evening and overnight.

Transport winds.....Southwest around 5 mph.

Inversion setup.....Near 11pm.

.MONDAY...

Sky/weather.....Partly sunny (65-75 percent). Haze and areas of  
smoke through the day. Scattered showers in the  
morning. Isolated thunderstorms through the  
day. Numerous showers in the afternoon.

CWR.....10 percent.

Tstm Coverage.....Widely Sct.

Max temperature.....Around 80.

Min humidity.....38 percent.

Wind (20 ft).....South winds around 5 mph in the morning  
becoming light. Gusty and erratic winds  
expected near thunderstorms.

Ridgetop wind.....Southerly 7 to 10 mph.

Mixing height.....500 ft AGL increasing to 3000 ft AGL in the  
late morning and afternoon.

Transport winds.....Southwest around 7 mph.

Inversion burnoff...Near 10am.

.FORECAST DAYS 3 THROUGH 5...

.TUESDAY...

Cooler. Haze and areas of smoke in the evening. Numerous showers  
and isolated thunderstorms. Lows in the lower 50s. Highs in the  
upper 60s. Light winds.

.WEDNESDAY...

Numerous showers and isolated thunderstorms. Lows in the lower  
40s. Highs around 60. Northwest winds around 6 mph.

.THURSDAY...

Numerous showers. Lows in the mid 40s. Highs in the mid 60s.  
Light winds.

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Forecaster...PARK

Requested by...Simon Madhavan

Type of request...WILDFIRE

.TAG 2517311.3/AFG

.DELDT 07/06/25

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