

Spot Forecast for Ptarmigan Complex...BLM
National Weather Service Fairbanks AK
733 AM AKDT Fri Jul 4 2025

Forecast is based on forecast start time of 0800 AKDT on July 04.
If conditions become unrepresentative...contact the National Weather Service.

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

.DISCUSSION...

Current SITREP:

Over July 3rd, stations near the area reported max temperatures in the low 80s, with RH dropping to the upper 20 percent. Winds were out of the northeast with gusts reaching below 20mph. This morning observations indicated excellent RH recovery in sheltered valleys, with exposed ridges seeing 60 percent. FAA Web camera views from Central, Alaska, showed clear skies with minimal smoke.

All fire indices highlight critical values, with FFMC values above 93.

FORECAST:

Moving through Friday expect hotter and drier conditions. Temperatures will climb into the mid 80s, with RH plummeting to the mid 20s, perhaps even reaching 20 percent. Northeast winds will also increase this afternoon as a band of stronger winds moves in a few thousand feet above us. While this will bring gusty winds of 15 to 20 mph to the surface, it will also limit inversions from setting up tonight and RH recovery, even more so on ridges. Saturday more hot, dry and breezy conditions take place.

Sunday or Monday a pattern shift is in the works, bringing cooler temps and higher RH, along with increasing chances for thunderstorms.

.REST OF TODAY...

Sky/weather.....Sunny (20-30 percent). Haze.

CWR.....0 percent.

Tstm Coverage.....None.

Max temperature.....Around 85.

Min humidity.....23 percent.

Wind (20 ft).....Light winds becoming east-northeast 7 to 8 mph in the afternoon.

Ridgetop wind.....Northeast 8 to 12, gusts increasing to 20 mph later this afternoon.

Mixing height.....700 ft AGL increasing to 6600 ft AGL in the late morning and afternoon.

Transport winds.....East around 9 mph.

Inversion burnoff...9am.

.TONIGHT...

Sky/weather.....Partly cloudy (20-30 percent). Haze.

CWR.....0 percent.

Tstm Coverage.....None.

Min temperature.....Around 57.

Max humidity.....76 percent.

Wind (20 ft).....East winds 5 to 8 mph in the evening

becoming light.
Ridgetop wind.....Northeast 10 to 15 mph
Mixing height.....6600 ft AGL decreasing to 500 ft AGL in the
late evening and overnight.
Transport winds.....East around 7 mph.
Inversion setup.....Near 3am.

.SATURDAY...

Sky/weather.....Sunny (10-20 percent). Haze.
CWR.....0 percent.
Tstm Coverage.....None.
Max temperature.....Around 85.
Min humidity.....22 percent.
Wind (20 ft).....Northeast winds 5 to 8 mph.
Ridgetop wind.....Northeast winds 8 to 12 gust 15 mph.
Mixing height.....500 ft AGL increasing to 7800 ft AGL.
Transport winds.....East around 8 mph.
Inversion burnoff...Near 8am.

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Forecaster...PARK
Requested by...Simon Madhavan
Type of request...WILDFIRE
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.DELDT 07/04/25
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