

Spot Forecast for Ptarmigan Complex...BLM
National Weather Service Fairbanks AK
1206 AM AKDT Mon Jul 14 2025

Forecast is based on forecast start time of 0600 AKDT on July 14.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

A high pressure ridge will move east of this fire complex. West-southwest winds will increase the next couple days. Unfortunately those winds will spread more smoke into the Yukon Flats today and Tuesday. That dense smoke could impact this fire complex. Other than the smoke the atmosphere will be more unstable today. Not only will that increase thunderstorm chances this afternoon and evening...but convective plume development is possible on active wildfires (not impacted by dense smoke). Wetting rains are only possible if a storm moves directly over this fire. Temperatures will be cooler today through Wednesday and humidities should be up a little. Thursday into the weekend high pressure strengthens again with another warm and dry spell expected.

.REST OF TONIGHT...

Sky/weather.....Mostly cloudy (50-60 percent) with showers and thunderstorms around 2200 AKDT. Additional showers are possible later tonight.
CWR.....70 percent.
Tstm Coverage.....Isolated.
Min temperature.....Around 53.
Max humidity.....90 percent.
Wind (20 ft).....Southwest winds 4 to 8 mph. Gusty and erratic winds expected near any thunderstorms.
Ridgetop wind.....Southwest 10 mph.
Mixing height.....5100 ft AGL decreasing to 700 ft AGL in the late evening and overnight.
Transport winds.....Southwest around 7 mph.
Inversion setup.....Around 2300 AKDT.

.MONDAY...

Sky/weather.....Partly sunny (55-65 percent) and smoky. Scattered showers and thunderstorms in the afternoon.
CWR.....10 percent.
Tstm Coverage.....Widely Sct.
Max temperature.....Around 76.
Min humidity.....33 percent.
Wind (20 ft).....Southwest winds 5 to 9 mph. Gusty and erratic winds expected near any thunderstorms.
Ridgetop wind.....Southwest 10 mph.
Mixing height.....900 ft AGL increasing to 4400 ft AGL in the

late morning and afternoon.
Transport winds.....West around 14 mph.
Inversion burnoff...Around 1100 AKDT.

.MONDAY NIGHT...

Sky/weather.....Mostly cloudy (65-75 percent) and smoky. Scattered
showers and thunderstorms.
CWR.....20 percent.
Tstm Coverage.....Widely Sct.
Min temperature.....Around 55.
Max humidity.....90 percent.
Wind (20 ft).....Southwest winds 4 to 8 mph. Gusty and erratic
winds expected near any thunderstorms.
Ridgetop wind.....Southwest 10 mph.
Mixing height.....4400 ft AGL decreasing to 1100 ft AGL in the
late evening and overnight.
Transport winds.....West around 14 mph.
Inversion setup.....Around 2300 AKDT.

.TUESDAY...

Sky/weather.....Mostly cloudy (70-80 percent) and smoky. Isolated
showers and thunderstorms.
CWR.....10 percent.
Tstm Coverage.....None.
Max temperature.....Around 69.
Min humidity.....40 percent.
Wind (20 ft).....Southwest winds 5 to 9 mph. Gusty and erratic
winds expected near any thunderstorms.
Ridgetop wind.....Southwest 12 mph.
Mixing height.....1300 ft AGL increasing to 4100 ft AGL in the
late morning and afternoon.
Transport winds.....West around 16 mph.
Inversion burnoff...Around 1000 AKDT.

.FORECAST DAYS 3 THROUGH 5...

.WEDNESDAY...

Partly sunny. A slight chance of showers. Lows around 50.
Highs in the upper 60s. Light winds.

.THURSDAY...

Partly cloudy. Lows around 50. Highs in the mid 70s. Light winds.

.FRIDAY...

Mostly cloudy with slight chance of showers. Lows in the lower 50.
Highs in the mid 70s. Light winds.