

Spot Forecast for Ptarmigan Complex...BLM
National Weather Service Fairbanks AK
502 AM AKDT Sun Jul 13 2025

Forecast is based on forecast start time of 0600 AKDT on July 13.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

More of the same weatherwise for this fire complex. High pressure will continue to dominate the weather with hot and dry conditions. Highs will again be near 80 and min RHs will be near 29%. Low level instability will increase today. It will get more smoky. Winds will be westerly today but remain light. They turn more southwesterly Monday and Tuesday. The high pressure ridge shifts east into Canada with some upper air disturbances moving through Monday through Wednesday. This will increase shower and thunderstorms chances. The best chance looks to be Monday night. Wetting rains are possible only if a storm moves directly overhead - so not likely to happen. The smoky conditions should improve by late Monday. High pressure returns late Wednesday into next weekend for another hot and dry spell.

.TODAY/SUNDAY...

Sky/weather.....Mostly sunny (25-35 percent). Haze and areas of smoke.

CWR.....0 percent.

Tstm Coverage.....None.

Max temperature.....Around 80.

Min humidity.....29 percent.

Wind (20 ft).....West winds 3 to 6 mph.

Ridgetop wind.....West 8 mph.

Mixing height.....900 ft AGL increasing to 5800 ft AGL in the late morning and afternoon.

Transport winds.....West around 10 mph.

Inversion burnoff...Around noon AKDT.

.SUNDAY NIGHT...

Sky/weather.....Partly cloudy (35-45 percent) then becoming mostly cloudy (50-60 percent). Haze and areas of smoke through the night. Isolated rain

showers possible overnight.

CWR.....1 percent.

Tstm Coverage.....None.

Min temperature.....Around 52.

Max humidity.....78 percent.

Wind (20 ft).....Southwest winds 3 to 6 mph.

Ridgetop wind.....Southwest 8 mph.

Mixing height.....5500 ft AGL decreasing to 400 ft AGL in the
late evening and overnight.

Transport winds.....West around 8 mph.

Inversion setup.....Around 2200 AKDT.

.MONDAY...

Sky/weather.....Mostly cloudy (60-80 percent). Haze in the
morning. Scattered showers and thunderstorms.

CWR.....15 percent.

Tstm Coverage.....Widely Sct.

Max temperature.....Around 77.

Min humidity.....36 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.....500 ft AGL increasing to 4000 ft AGL in the
late morning and afternoon.

Transport winds.....Southwest around 12 mph.

Inversion burnoff...Around 1100 AKDT.

.FORECAST DAYS 3 THROUGH 5...

.TUESDAY...

Mostly cloudy with scattered showers and isolated thunderstorms.

Lows in the lower 50s. Highs in the lower 70s. Southwest winds around
8 mph.

.WEDNESDAY...

Partly cloudy. Lows around 50. Highs in the lower 70s. West winds
around 5 mph.

.THURSDAY...

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