

Spot Forecast for Ptarmigan Complex...UPDATED

National Weather Service Fairbanks AK

622 AM AKDT Mon Jun 30 2025

Forecast is based on forecast start time of 0600 AKDT on June 30.

If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

Upper-level high over the fire will continue to bring hot and dry weather through the week. Slight chance of thunderstorms possible between 1400 and 2200 AKDT in the afternoons. However the main concentration of the storms will be to the S/SE. Better chances for storms near the fire on Tuesday and Wednesday. Temperatures will continue to slowly warm, reaching the near 80 by Wednesday. RHs will be at their lowest in the late afternoon around 30 percent, becoming brier each day. However, good overnight RH recovery is expected. Surface winds are expected to be increasing Wednesday with a shortwave dropping down from the NE.

...Corrected typo in the discussion...

.TODAY...

Sky/weather.....Mostly sunny (30-40 percent). Haze through the day.

CWR.....0 percent.

Tstm Coverage.....None.

Max temperature.....Around 74.

Min humidity.....42 percent.

Wind (20 ft).....Light winds.

Ridgetop wind.....Northwest around 5 mph.

Mixing height.....1300 ft AGL increasing to 6200 ft AGL in the late morning and afternoon.

Transport winds.....Northwest around 5 mph.

Inversion burnoff...Around 1000 AKDT.

.TONIGHT...

Sky/weather.....Partly cloudy (25-35 percent).

CWR.....0 percent.

Tstm Coverage.....None.

Min temperature.....Around 52.

Max humidity.....78 percent.

Wind (20 ft).....Light winds.

Ridgetop wind.....Northwest winds shifting to southeast around 6 mph at 2200 AKDT.

Mixing height.....6100 ft AGL decreasing to 400 ft AGL in the late evening and overnight.

Transport winds.....Southeast around 3 mph.

Inversion setup.....Around 0100 AKDT.

.TUESDAY...

Sky/weather.....Mostly sunny (35-45 percent). Isolated showers and thunderstorms through the day.

CWR.....10 percent.

Tstm Coverage.....Isolated.

Max temperature.....Around 77.

Min humidity.....35 percent.  
Wind (20 ft).....Light winds. Gusty and erratic winds expected  
near thunderstorms.  
Ridgetop wind.....Southeast winds shifting to northeast around  
6 mph at 1300 AKDT.  
Mixing height.....400 ft AGL increasing to 7500 ft AGL in the  
late morning and afternoon.  
Transport winds.....East around 5 mph.  
Inversion burnoff...Around 1000 AKDT.

.FORECAST DAYS 3 THROUGH 5...

.WEDNESDAY...

Partly cloudy. Isolated showers and thunderstorms. Lows in the  
mid 50s. Highs in the upper 70s. Northeast winds 12 to 15 mph.

.THURSDAY...

Partly cloudy. Lows in the lower 50s. Highs in the upper 70s.  
East winds around 8 mph.

.INDEPENDENCE DAY...

Partly cloudy. Lows in the mid 50s. Highs in the lower 80s. East  
winds around 5 mph.

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Forecaster...TWOMBLY

Requested by...Simon Madhavan

Type of request...WILDFIRE

.TAG 2516736.4/AFG

.DELDT 06/30/25

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.EMAIL S.Madhavan92@gmail.com