Predictive Services Briefing: June 12, 2022

Where there’s fire, there’s smoke…
https://fire.ak.blm.gov/predsvcs/airquality.php

Alaska PL: 3
National PL: 2
New Fires Yesterday: 3
Staffed Fires: 7
Fire Growth: ~147,000 ac
Saturday Precipitation Estimate (Yesterday)
Valid: 06/11/2022 04:00 AM - 06/12/2022 04:00 AM AKDT

310 strikes in AK yesterday
Satellite

Click here for Hi-Res satellite loop!

Click here for satellite loop!
(https://www.weather.gov/aawu/goesloop?c=ir)
Today 4 PM

GFS 500 mb Upper Air (dm)

FFMC

Surface Wind (kts)

Convective Potential (J)

Temperature (F)

RH (%)

24-Hr Forecast Precip (in)

Cloud Cover (%)

Today 4 PM
Tomorrow 4 PM

GFS 500 mb Upper Air (dm)

24-Hr Forecast Precip (in)

Convective Potential (J)

Temperature (F)

RH (%)
Backup procedure: Go to the following website. Save the images that most closely correspond to https://mag.ncep.noaa.gov/model-guidance-model-parameter.php?group=Model%20Guidance&model=GFS&area=ALASKA&ps=model.

Saturday 6/18
All 500 mb maps are from tropicaltidbits.com.

Friday 6/17

Wednesday 6/15

Thursday 6/16

GFS 500 mb
Medium Range

Model Confidence
Even though ISIs are not Extreme across the Interior and Southwest Alaska today there is still high potential for spread with new wind directions and current dryness of live fuels.

BUIs still climbing across the Interior South Central and Kenai, increasing the amount of fuel available for combustion. On average, Interior BUI values are ahead of 2004, 2015 and 2019.

Only a few stations reporting Extreme SAR today. Potential for fuels-driven spread still exists after the large growth recently seen.
• Short-term Concerns
  - One more dry, breezy day in southwest, though cooler and a little higher RH
  - Monday brings rain in northwest, best chance for rain to southwest
  - Central and eastern Interior warming this weekend, gusty southerly winds
  - Wet thunderstorms on the rise and advancing north, decreasing in west/SW
  - Smoke moving across Alaska w/changing winds

• Long-term Forecast
  - More of a normal summer pattern setting up with ridging in the east and lows coming up the chain
  - This means warmer and drier in the east with daily thunderstorms and showers
  - Not necessarily wet in the west, but more normal summer highs and a damper air mass with southerly flow