

# HIGHLINE/GOAT FIRES ID-PAF-000159/204 5 DAY, NEAR TERM ANALYSIS AUGUST 24, 2017



0 0.75 1.5 3 4.5 6  
Miles

All data projected to UTM Zone 11  
using the NAD83 Datum.

**Analysis for Highline Fire: NTFB\_Aug24\_5day\_01**  
RESULTS: IR was UTFD for today, perimeter is estimated from VIIRS. No rain is present in the model; however, crew observations Root Ranch received 0.01 of rain as of this am. There is a spot in the NE corner that was active yesterday, but was not showing on VIIRS today and should be monitored. The east flank continues to spread west at similar daily rates seen on previous days and seems to be relatively accurately represented in this analysis. The S-SE-E portion of the fire was most active yesterday, as well as in this analysis. The spread in the south is moderated in this analysis due to the next few days of forecasted weather, as well as the landscape it is burning within (fire scars within the last 20 years). As the fire moves through the Three Bears fire footprint it is likely the model with over predict and slightly under predict in areas that have not received fire in 20-50 years.

**Analysis for Goat Fire: NTFB\_Aug24\_5day\_01**  
RESULTS: This analysis is predicting the fire spread for the days of August 24 - 28. August 24th there appears to be minimal spread with presence of wetter/cooler conditions. As the state of the weather dries and the wind direction changes from the current trend to a more historical wind pattern (W-NW to S-SW) the fire is influenced and moves towards the Salmon R corridor. By August 28th the fire footprint is approximately 25 miles north of the Salmon River corridor. The terrain the fire is moving into is relatively steep and this model doesn't account for roll out. The ignition for this model is estimated from VIIRS as IR was UTFD last night

