

Fire Situation Report – September 20, 2021

Oklahoma Department of Agriculture, Food and Forestry



PROTECTION AREA STATISTICS for September 19, 2021

NE Area – 4 Fires Burned 247.1 Acres (Cause: 1-Esc. Control Burn, 1-Equipment, 2-Incendiary)

EC Area – 4 Fires Burned 109 Acres (Cause: 2- Esc. Debris, 1-Electrical, 1-Incendiary)

SE Area – 5 Fire Burned 36.6 Acres (Cause: 4-Incendiary)

Large / Significant Fire Activity within the OFS Protection Area:

- Grass Hollow Ranch / Adair County – 175 Acres, 100% Contained
- Webber Creek / Sequoyah County – 109 Acres, 100% Contained

Fire Activity with OFS Response outside of the Protection Area: 2 Fire Burned 79 Acres

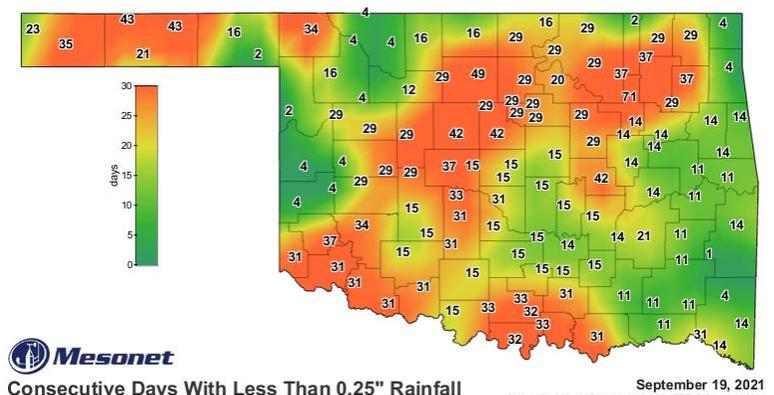
OFS Prescribed Fire Activity:

No New Activity

FIRE DEPARTMENT STATISTICS from www.firereporting.ok.gov reported September 19, 2021

- 4 Fires Burned 12 Acres

Statewide Discussion: A rather wet spring and early summer prompted vigorous herbaceous growth across Oklahoma resulting in increased fuel loading as hot and dry conditions in August stressed live fuels moisture. Above normal temperature trends and predominantly dry conditions thus far in September has primed fuels evidenced by increasing initial attack activity in many areas of the state. In large part, fire behavior remains moderated exhibiting limited resistance to control, although areas where the separation from wetting rains coupled with very dry soil moisture exacerbating live fuel moisture has resulted in problematic fire behavior and increased resistance to control (see map to right). Generally isolated storms in the far west/northwest and a handful of showers east have moderated conditions locally.



Consecutive Days With Less Than 0.25" Rainfall

September 19, 2021

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A cold front working across the state today will bring opportunity for some rainfall, although amounts are forecasted generally less than wetting amounts outside of storm development. The best opportunity for wetting rains will be present this evening with the highest probability northeast. Temperatures are expected to briefly dip below average following the frontal passage although a return to above normal temperatures and dry conditions returns later in the week and into the near-term forecast.

Today: A cold front moving through the Oklahoma Panhandle this morning will move across Oklahoma through the day and into the evening prompting rain chances overnight lingering into Tuesday. Ahead of those rain chances, elevated fire danger will be present supported by high temperatures well-above normal and dry conditions. The highest fire danger indices will exist within a very broad swath extending from southwest Oklahoma up through the OKC metro and into north-central and northeastern Oklahoma.

- Grass dominated fuels will exhibit head fire rate of spread 105-160 ft./min. with flame lengths 9-16 ft.
- Brush fuels will generally exhibit head fire rates of spread 35-65 ft./min. with average flame lengths 8-12 ft. Expect problematic fire behavior from pockets of juniper including single and group-tree torching with short-range spotting.
- Timber fuels will generally exhibit head fire rates of spread 18-32 ft./min. with flame lengths 1.5-6 ft.

Near-Term Outlook: Fire danger indices will be somewhat reduced across Oklahoma Tuesday with cooler temperatures and lingering sky cover although a rapid return to elevated fire danger concern returns later in the week and into the weekend across most of the western and central counties. No individual day stands out as overly concerning given the current forecast information, although building dryness as we transition into fall combined with a return to above normal temperatures will result in persistent fire danger in general.

Burn Bans: LeFlore County

Refer to <http://www.forestry.ok.gov/burn-ban-info> for the most current burn ban information and links to specific burn ban proclamations.



Remember... ONLY YOU can prevent wildfires! Enjoy Oklahoma's wildlands responsibly.
Report any suspicious wildland fire activity on the Arson Tip Line: 1-866-662-7766 (1-866-NO ARSON).
Prepared By: Drew Daily, OFS Fire Staff

