

Issued: 4/29/2022 at 8:31 AM Forecaster(s): M. Graves (ADEQ), R. Sherron (USFS)

Smoke Synopsis

This morning, the northwestern portion of the fire continues to be the most active area. Similar to yesterday morning, no pronounced smoke plume is visible on satellite yet.

Today will be different from previous days this week, as winds over Arizona will be out of the northwest instead of the southwest. Winds over the fire will be light throughout the morning, then increase to 10-15 mph in the afternoon, out of the west. Transport winds will be out of the north-northwest. As a result, smoke may remain near the fire initially, before dispersing to the east and then southeast, potentially over the Phoenix Valley. Finally, Prescott and Prescott Valley will have a respite from overhead smoke, but the Mayer area will start to see more.



SMOKE PLUME TRAJECTORY FOR: April 29, 2022 Use graphic for reference only

Overnight, smoke will settle into local drainages, generally draining to the south. Depending on how

much smoke is produced during the day, light impacts may be possible to areas along the I-17 corridor, including Black Canyon City.

Tomorrow, another low pressure wave will bing to approach the region, and cause transport winds over the fire to shift to out of the southwest again. As a result, smoke should disperse to the northeast again. Prescott and Prescott Valley may see overhead smoke again.

Actvity Meter



| Location | Friday | Friday Night | Saturday |
|----------|---------------------------------|------------------------|-------------------------------|
| Prescott | Light smoke/haze possible | Light haze possible | Smoke overhead possible |

Note: No matter what the forecast indicates, if you feel like you are having health effects from smoke exposure, take extra care to stay inside or safely get to an area with better air quality. Please contact your healthcare provider with specific concerns.

Addtional Information

Fire Contact: 928-925-1111

Crooks Fire Inciweb | https://inciweb.nwcg.gov/incident/8067/ ADEQ Portable Smoke Monitors | https://www.phoenixvis.net/PPMmain.aspx

This forecast is based on fine particulates only; ozone is not included. Forecasts may be wrong; use at own risk. Use caution as conditions can change quickly. See your health professional as needed. Smoke sensitive groups should take appropriate precautions.