

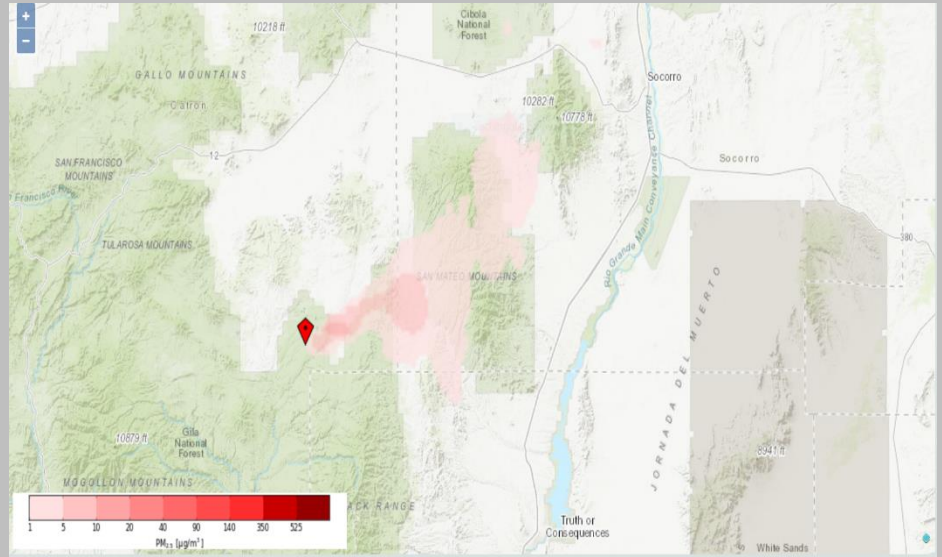
Indian Peaks Prescribed Fire Air Quality Report and Outlook for 05/29/2019

Firefighters on the Indian Peaks Prescribed Fire completed 3,543 acres out of the 10,000 acres made up of U.S. Forest Service, New Mexico State Trust Lands, and private lands yesterday. Smoke from the Indian Peaks Prescribed Fire was light during the day, and mitigated with ignition techniques and good dispersion in the atmosphere. Overall impacts to the local area remained light to none during the first operational period and overnight hours. As firefighters continue to ignite additional units within the project boundary smoke is expected to remain light and stay localized.

High level winds may transport the smoke to the northeast and San Mateo Mountains throughout the day.

Communities within the Rio Grande Valley may not notice much smoke production from the prescribed burn during the day, however a hint of smoke may settle overnight within the valley, however it should lift out of the area as sunrise heats up the early morning air mass.

To the right is a predicted snapshot of the smoke model at 4 pm on May 29th, 2019. Model predictions show that overall particulate matter within the smoke will still stay in the good Air Quality Index (AQI) range.



Air Quality Outlook (Particulate Matter less than 2.5 µm in diameter)

Community	Wednesday May 29, 2019	Comments
Truth or Consequences	Good	Good air quality during the day. Smoke may settle into the area overnight, but should remain light.
Elephant Butte	Good	Good air quality during the day. Smoke may settle into the area overnight, but should remain light.
Winston	Good	Good air quality during the day. Smoke may settle into the area overnight, but should remain light.
Poverty Creek	Moderate	Smoke should settle into the area again overnight, but lift as the sun rises and heats up the area. Smoke should be fully lifted by 10am, and may not settle back into the area until 10pm.
Monticello	Good	No impacts anticipated.
Socorro	Good	Hazy conditions may be seen during the day. Smoke from other prescribed fires may add to the hazy conditions, however no impacts to air quality are expected.
Williamsburg	Good	Good air quality during the day. Smoke may settle into the area overnight, but should remain light.
Dusty	Good	No impacts anticipated.
San Antonio	Good	No impacts anticipated.

<https://tools.airfire.org/monitoring/v4/#/?monitors=lon .107.654 lat 33.321 usfs.1054&category=PM2.5 nowcast¢erlat=33.1575¢erlon=-106.7093&zoom=8>
<https://airnow.gov/index.cfm?action=aqibasics.aqi>

Disclaimer: Forecasts may be wrong - use at your own risk as weather and fire activity can change quickly. Children, older adults and those with cardiovascular or respiratory diseases are most sensitive. See your health professional as needed.