

## Wildfire Smoke Forecasts Guide

ADEQ provides wildfire smoke forecasts when Arizona wildfires have the potential for extended air quality impacts as determined in coordination with Federal/State Land Managers.

To inform health and safety considerations and support decision-making related to wildfires, smoke forecasts provide both community members and wildfire managers with information about:

- Who is managing the wildfire and how to get in touch,
- Which communities may be affected by smoke,
- Where smoke is coming from and how long it is expected to last,
- Recommendations about when to limit outdoor activity, and
- Helpful resources including fact sheets, frequently asked questions and other resources related to land managers and other agencies.

When activated, online smoke forecasts will be available 24/7 and updated daily each morning to provide information about expected smoke impacts for the next 48-hours. ADEQ will provide smoke forecasts until data show significantly reduced risk of health impacts.

### Update time and valid time:

#### Wildfire Smoke Forecast

Updated On: 6/8/2020 - 11:01 AM Valid Until: 06/09/2020 - 9:00 AM

Forecaster(s): R. Nicoll

Contact: Coconino National Forest | 000-000-0000

The update time indicates when the forecast was updated. Each forecast is valid until 9am the day after the forecast was

updated. In this example, the forecast was issued on June 8<sup>th</sup> and is valid until June 9<sup>th</sup> at 9 am. This will also give you the phone number to call for any fire related information.

### Overview Section:

#### Sawtooth Fire

##### Overview:

Hot temperatures, breezy conditions, and low relative humidity noted this afternoon at the Sawtooth Fire burning northwest of Gold Canyon (or ~2 miles northeast of Peralta Trailhead).

Smoke is seen on a satellite moving toward the north over Apache Lake, Roosevelt Lake, and Tortilla Flat. From time-to-time, the smoke column has also been producing pyrocumulus.



This section will have a map indicating the location of the fire. The text in this section will give details pertaining to previous and expected smoke impacts.

## City-by-city Forecast

**Forecast**  
 Click the name of the city to view smoke forecast


**Clints Well** Payson Strawberry Winslow

**Clints Well**

Images shown are for reference only. | [See Legend >](#)


**Smoke Forecast:**

Monday




Moderate smoke clearing by 10 am with light smoke through the day

Monday Night




Moderate to heavy smoke overnight in low lying areas

Tuesday



Moderate smoke in the morning and evening areas

**Activity Meter**  
 Legend: ■ - Stay Smoke Aware ■ - Minimize Outdoor Activity ■ - Stay Inside



Note: 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.

Click the name of the city to view smoke forecast. Each forecast will include a daypart forecast and activity meter.




The daypart forecast indicates the forecasted smoke impact. Please refer to the table below for a list of icon descriptions.






The activity meter indicates the forecast smoke impacts in three-hour blocks. A one (1) indicates you should remain smoke aware. A two (2) indicates that you should minimize outdoor activity. A three (3) indicates you should stay indoors.

**NOTE: No matter what the forecasts indicates, if you feel like you are having health effects from smoke exposure, take extra care to stay inside or get to an area with better air quality. You should also see your doctor or other health professional as needed.**

### Icons and Activity Meter Guide:

Forecast icons were created using photos graciously provided from Arizona resident Ted Grussing.

Icon	Description	Activity Meter Category / Recommendations
	No smoke in the area	1 – remain smoke aware
	Haze. Smoke in the area causing haze; however, there is no smell of smoke.	1 – remain smoke aware
	Light smoke in the area. Visibility is still over five miles but you may be able to smell smoke from time-to-time.	1 – remain smoke aware

	Smoke in the vicinity. No long-term impacts expected, but smoke is in the area and could cause short term impacts.	1 – remain smoke aware 2 – minimize outdoor activity
	Patchy smoke. Patches of moderate smoke in the area.	2 – minimize outdoor activity
	Widespread moderate smoke across the area.	2 – minimize outdoor activity
	Heavy smoke across the area.	3 – stay inside
	Dense Smoke Advisory. Dense smoke across the area.	3 – stay inside

**Discussion, Useful Links and Fire Information Contact:**

**Discussion:**  
 Over the next 48-hours, high pressure will be located east of Arizona in New Mexico, with a developing area of low pressure off the coast of Southern California. This set-up will result in continued southerly winds at the surface and around 10,000 feet, allowing smoke to continue moving toward the north.

This pattern will also keep a slight chance of storms in the forecast, with a better chance of gusty outflows winds later this evening and again tomorrow evening. Outflow winds from the east-southeast, especially tomorrow, could move smoke into the East Valley of Phoenix, including Gold Canyon, Apache Junction, and portions of Mesa during the later afternoon and evening hours.

**Useful Links:**  
[Tonoto National Forest Twitter](#) | [View Page >](#)  
[Tonto National Forest Facebook](#) | [View Page >](#)

**Fire Information Contact:**  
 Jurisdiction: Tonoto National Forest Fire Information Line  
 Phone: 602-525-1042  
 Email: N/A

The discussion will explain in more detail the reasoning behind the smoke forecast found above.

Useful links are unique to each wildfire and will help you gain more information about the fire.

Fire Information Contact will show who to contact about fire information.