



## Smoke Outlook for 6/24 - 6/25

### Central Arizona - Bush Fire

Issued at: 2020-06-24 10:22 MDT

#### Special Statement

Take caution for potential smoke impacts on recently opened Hwy routes near the fire, primarily at night and early morning hours.

#### Fire Information

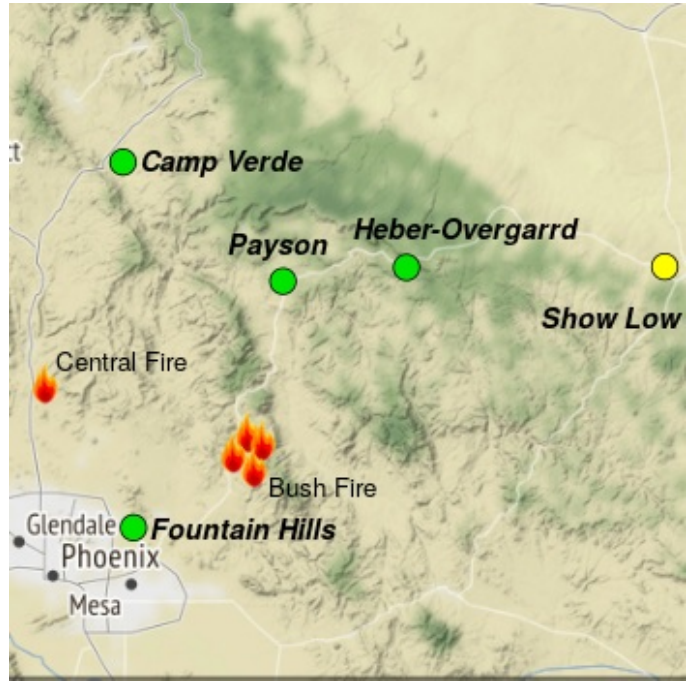
The Bush Fire is estimated at 186,976 ac with no new perimeter growth as of Wednesday morning, and is now 73 percent contained. Successful suppression tactics and favorable weather have led to substantially less fire and smoke. The Central fire is burning just East of I-17 at New River. This fire is estimated at 4,499 ac with no new perimeter growth and is 39 percent contained. The fire has moved to the top of New River Mesa and has considerably slowed movement to the northeast, away from structures.

#### Smoke Discussion

Moderate smoke can be expected in the Tonto Basin throughout the day. Morning hours may see smoke in all areas adjacent to the fire. Morning smoke also has the potential to impact North, Northeast and East Phoenix metro areas. From late morning into afternoon, winds are expected to increase and push smoke East towards Heber-Overgarrd, Show Low and the Fort Apache Reservation. Smoke may settle below the rim from Show Low and disperse West toward Payson and further to the I-17 corridor where it may mix with residual smoke from the Central Fire. Afternoon into the evening will see breezy southwest winds in the Tonto Basin adding to dispersed impacts along Rim Country. Additionally, regional fires from the South may once again factor in the potential for light smoke impacts to the metro Phoenix area this evening.

#### Extended Outlook

The current pattern of high pressure and predominate South to Southwest wind will continue into the week that may again allow smoke to linger in the areas mentioned above. Further in the outlook, there is potential of critical fire weather conditions Sunday potentially affecting fire and smoke with strong southwest winds in the forecast.



Daily AQI Forecast\* for Jun 24, 2020

| Station         | Yesterday      |      | Tue<br>6/23 | Forecast*<br>Comment for Today -- Wed, Jun 24       | Wed<br>6/24 | Thu<br>6/25 |
|-----------------|----------------|------|-------------|---|-------------|-------------|
|                 | hourly         |      |             |   |             |             |
|                 | 6a             | noon | 6p          |   |             |             |
| Payson          | No hourly data |      | ●           | Brief smoke impacts possible                        | ●           | ●           |
| Heber-Overgarrd | No hourly data |      | ●           | Brief smoke impacts possible                        | ●           | ●           |
| Show Low        | No hourly data |      | ●           | Brief smoke impacts possible afternoon and evening. | ●           | ●           |
| Fountain Hills  | No hourly data |      | ●           | Brief smoke impacts possible                        | ●           | ●           |
| Camp Verde      | No hourly data |      | ●           | Brief smoke impacts possible                        | ●           | ●           |

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| Air Quality Index (AQI) | Actions to Protect Yourself   |
|-------------------------|---|
| ● Good                  | None  |
| ● Moderate              | Unusually sensitive individuals should consider limiting prolonged or heavy exertion.     |
| ● USG                   | People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion. |
| ● Unhealthy             | People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.        |
| ● Very Unhealthy        | Everyone should avoid prolonged or heavy exertion.  |
| ● Hazardous             | Everyone should avoid any outdoor activity.   |

\*Disclaimer: 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.

#### Additional Links

Fire Information on InciWeb -- <http://inciweb.nwcg.gov/>

Arizona DEQ Air Quality Monitors -- <http://www.phoenixvis.net/PPMmain.aspx>

Air Quality Monitors -- <http://tinyurl.com/y9cq422w>

COVID-19 and Wildfire Smoke -- <http://www.cdc.gov/coronavirus/2019-ncov/php/smoke-faq.html>



Issued by USFS Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
Central Arizona Updates -- [tools.airfire.org/outlooks/CentralArizona](http://tools.airfire.org/outlooks/CentralArizona)  
\*Smoke and Health Info -- [www.airnow.gov/index.cfm?action=smoke.index](http://www.airnow.gov/index.cfm?action=smoke.index)

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