

**Smoke Synopsis:**

Lighter winds and cooler high temperatures kept the smoke near the fire Friday. As a result, the Flagstaff and Verde Valley monitors observed longer duration of smoke impacts. The Ft. Tuthill monitor increased from the Good AQI category to Moderate. Sedona also saw a longer duration of smoke but the impacts were lessened by the south-southeasterly flow Friday evening.

Breezy westerly and northwesterly winds that are forecasted for Sunday into Monday may override the normal upslope - downslope wind pattern pushing smoke east of the fire. Areas east of I17 may experience intermittent impacts throughout the day with chances of moderate impacts to the areas of Village of Oak Creek, Rim Rock, Camp Verde and the lower Verde Valley overnight and into the early morning hours. Impacts north of the San Francisco Peaks should be minimal.

Outflow winds caused by thunderstorm activity in the region may cause smoke impacts to areas previously unaffected.

**Air Quality Outlook:**

Site	Saturday May 24, 2014 AQI	Sunday May 25, 2014 AQI	Monday May 26, 2014 AQI	Health Statement
Camp Verde	Moderate	Moderate	Moderate	
Cottonwood	Moderate	Moderate	Good	
Flagstaff	Moderate	Moderate	Moderate	
Flagstaff-East	Moderate	Moderate	Moderate	
Fort Tuthill	USG	Moderate	Moderate	
Sedona	USG	Unhealthy	Unhealthy	

**Disclaimer:**

**Warning: These data have been obtained from automated instruments and have not been subjected to a quality assurance review to determine their accuracy. They are presented for public awareness and should not be considered final. Conditions such as power outages and equipment malfunctions can produce invalid data.**

AQI Index ( $\mu\text{g}/\text{m}^3$ )	Potential Health Impacts	Actions to Protect Yourself
Good (0-12)	Air quality is satisfactory and poses little or no health risk.	None
Moderate (13-35)	Air quality is acceptable for most. There may be moderate health concern for a small number of sensitive people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Unhealthy for Sensitive Groups - USG (36-55)	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	People with heart or lung disease, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.
Unhealthy (56-150)	Everyone may begin to experience more serious health effects.	The following groups should avoid all physical outdoor activity: People with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion.
Very Unhealthy (151-250)	Triggers a health alert, meaning everyone may experience more serious health effects	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.
Hazardous (>250)	The entire population is even more likely to be affected by serious health effects.	The following groups should remain indoors and keep activity levels low: People with heart or lung disease; children and older adults. Everyone else should avoid prolonged or heavy exertion

Links:

Monitor Data - <http://www.phoenixvis.net/PPMmain.aspx>

Smoke Information - <https://www.facebook.com/azdeg>

Monitors:

