

# Boundary Fire Air Quality Report and Outlook for 6/11/2017

The Boundary Fire grew to 4420 acres yesterday and continued to emit smoke through the night. Strong southwesterly winds continue to carry smoke northeast towards Cameron and Tuba City. This will continue again today. High wind conditions today make unplanned large fire growth possible, which would increase smoke impacts beyond what is forecast.

Communities to the south and west of the fire will not be impacted by smoke today. Winds may shift to west and northwest late Monday causing smoke impacts to the Fort Valley area.

**Transportation-** Smoke continues to impact the US 180 corridor by reducing visibility. Smoke impacts are anticipated to continue for several days making travel on US 180 hazardous.



Boundary Fire Smoke Report (prepared by John Cook, Air Resource Advisor)

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

Site	Sunday forecast June 11, 2017	Monday forecast June 12, 2017	Tuesday forecast June 13, 2017
Cameron/Tuba City	Moderate	Moderate	Good
Flagstaff	Good	Good	Good
Fort Valley	Good	Good	Good
Williams	Good	Good	Good
Grand Canyon/ Tusayan	Good	Good	Good

AQI Index	Potential Health Impacts	Actions to Protect Yourself
Good	Air quality is satisfactory and poses little or no health risk.	None
Moderate	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	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	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	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.