

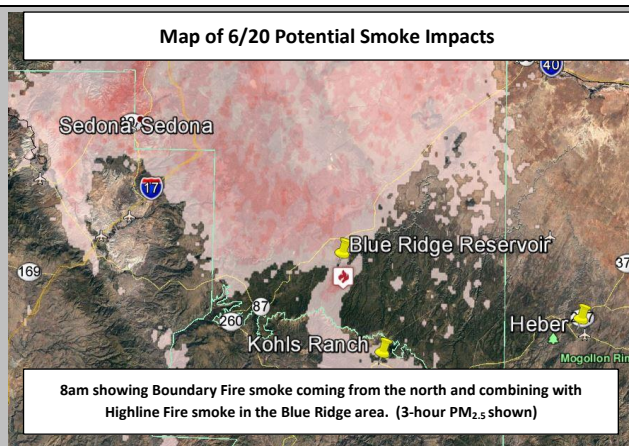
Smoke Synopsis June 20:

Yesterday's thunder storms may help reduce the temperatures a little bit, but that will be short lived. The high pressure system will return and move over southern AZ late today, with returning near record temperatures. Isolated and widely scattered dry thunderstorms are forecast for the afternoon and evening. The weather associated with these storms may generate localized but extreme fire behavior and new fire starts are a concern.

Late last night diurnal downslope drainage moved smoke from the Highline Fire towards Blue Ridge Reservoir and surrounding communities around 1 am. Smoke from the Boundary Fire near Flagstaff combines with local smoke adding to early morning poor air quality conditions. Smoke should begin to clear out as the inversion breaks between 8:30 and 9 am. Yesterday, a new smoke monitor was deployed in Happy Jack to better quantify air quality. Similar air quality impacts are forecast for tomorrow with the worst air quality being from 1 am to 9 am.

Morning air quality for Payson and Star Valley will be mostly light haze until light transport winds clear smoke out of the area by noon. Smoke will also begin clearing out of drainages near the fire by 9 am. Afternoon air quality will be good.

For Kohls Ranch, Christopher Creek and Forest Lakes air quality should be good all day.



Air Quality Outlook:

Site	Tuesday June 20, 2017 AQI	Wednesday June 21, 2017 AQI	Thursday June 22, 2017 AQI	Comments
Star Valley	Good	Good	Good	
Blue Ridge/Happy Jack	Unhealthy	Unhealthy	Moderate	Smoky conditions from 1 am to 9 am
Payson	Good	Good	Good	

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 (µg/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