

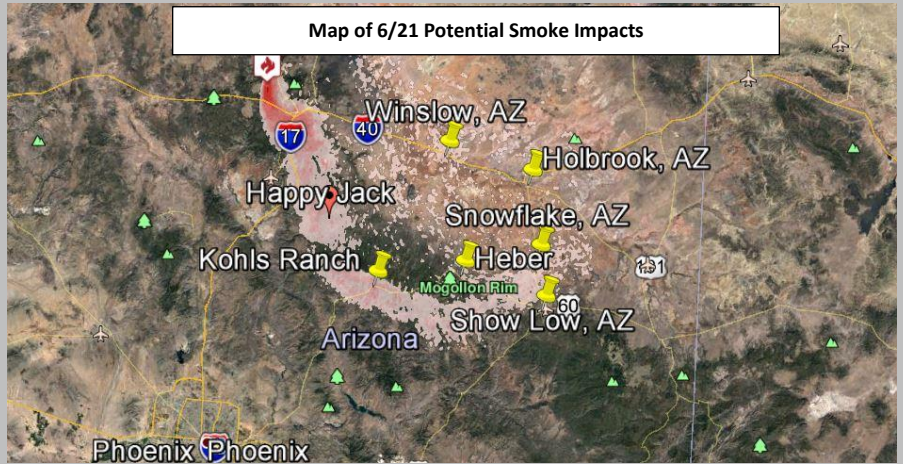
### Smoke Outlook June 21:

Today will have the hottest temperatures of this heat wave and dry conditions will continue. Some cloud buildup is expected in the afternoon with associated gusty winds. Outflow winds from the isolated buildups will drive more active fire behavior.

At 7 pm last night Highline Fire smoke again started moving into the communities near Blue Ridge Reservoir and Happy Jack with peak smoky conditions occurring around 5 am. Smoke from the Boundary Fire near Flagstaff may also combine with local smoke adding to early morning poor air quality conditions. Smoke should begin to clear out as the inversion breaks between 9:30 and 10 am. A similar pattern but with less smoke will occur tomorrow.

Ground level smoke concentrations from the Highline fire were light yesterday, and will be about the same today. Morning air quality for Payson and Star Valley will be mostly light haze until westerly transport winds clear smoke out of the area by noon. Smoke will also begin clearing out of drainages near the fire by 9:30 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	Wednesday June 21, 2017	Thursday June 22, 2017	Friday June 23, 2017	Comments
	AQI	AQI	AQI	
Star Valley	Good	Good	Good	
Blue Ridge/Happy Jack	Unhealthy	USG	Moderate	Worst smoke from midnight to 9 am
Payson	Good	Good	Good	

8am showing Boundary Fire smoke coming from the north and combining with Highline Fire smoke in the Blue Ridge area. (3-hour PM<sub>2.5</sub> shown)

**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 <sup>3</sup> )	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