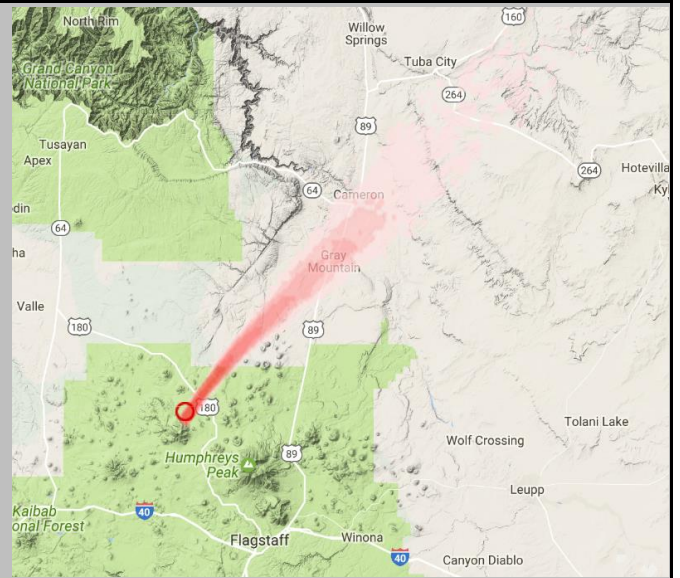


## Air Quality Report and Outlook for 6/10/2017

The Boundary Fire grew to 3800 acres yesterday and continued to emit smoke through the night. Strong southwesterly winds continue to carry smoke primarily northeast of the fire and over US 180 and towards Cameron and Tuba City. This will continue again today but will not be as bad as previous days. Smoke should taper off as the smoldering subsides. However, with red flag conditions through the weekend, unexpected large fire growth could occur which would increase smoke.

Smoke continues to impacted the US 180 corridor by reducing visibility. Smoke impacts are anticipated to continue today making travel on US 180 hazardous.

Communities to the south and west of the fire will not be impacted by smoke.



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

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

| Site                     | Saturday forecast<br>June 10, 2017 | Sunday forecast<br>June 11, 2017 | Sunday forecast<br>June 12, 2017 |
|--------------------------|------------------------------------|----------------------------------|----------------------------------|
| Cameron/Tuba City        | Moderate                           | Moderate                         | Good                             |
| Flagstaff                | Good                               | Good                             | Good                             |
| Williams                 | Good                               | Good                             | Good                             |
| Grand Canyon/<br>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.  |