

Transition

It is hard to process the changes that have taken place since our March Newsletter. The world has been thrust into a state of bewilderment, social upheaval, and most importantly perhaps: opportunity.

CCA has not lost sight of our mission to research the causes and promote improvement of air quality. Our mighty little crew of committed volunteers has been meeting regularly via Zoom; currently we are prioritizing goals

for an unpredictable future. We hope that our goals prioritize those who are most adversely affected by air pollution in the Grand Valley: children, the elderly, people with existing illness, people with little or low income, and people of color.

We wish to thank those who are working to help the most vulnerable among us and those who are striving for social, economic and environmental justice. We also wish to thank you for your continued support.

What's in the Air?

We consider air quality monitoring our biggest commitment and anticipate further development possibilities in the future. In the meantime, our technical volunteers continue to service and repair both the 30-plus PurpleAir particulate monitors throughout the valley, and the 6 Tri-sensors. We distributed the Tri-sensors to reflect possibly different air quality scenarios, particularly ozone: one is NW near the Bookcliffs; one is near the airport; 2 are currently at CMU; one in Palisade, and the 6th is under repair. Readings on an “experimental” map from PurpleAir.com show some variations among the locations that are not yet fully understood.

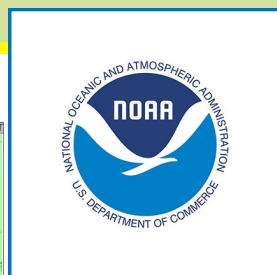
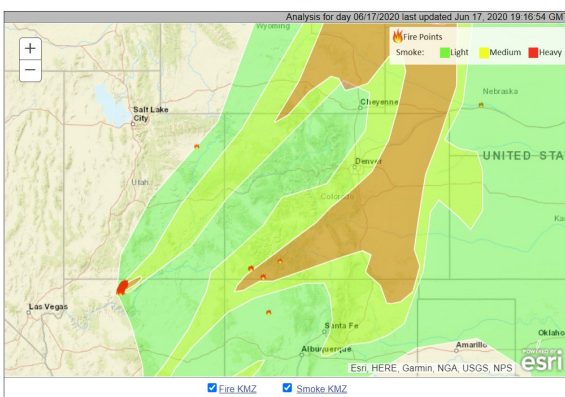
Up to now, ozone readings have been mostly “Average” (54-70 ppb), one step up from “Good” (0-54). This may change. Smoke from



wildfires throughout the west will influence local air quality. Ozone precursors generally occur downwind of the source areas of the precursor pollutant emissions. If wildfires continue, we should see higher numbers in both particulates and ozone. The higher the number shown on the monitor map, the more risk to human respiratory and cardiovascular health. Check out the real-time map for particulates in the air before you go outside to exercise: www.citizensforcleanair.org. If you are interested in the real-time ozone experimental map readings too, contact: citizensforcleanairgj@gmail.com

Hazard Mapping System Fire and Smoke Product

Current Analysis



Find out when smoke is coming our way and from where at <https://www.ospo.noaa.gov/Products/land/hms.html>