

Southern Ute Indian Tribe 2016 Ambient Air Monitoring Ozone Season/NAAQS Comparison



Environmental Programs Division
Air Quality Program
December 1, 2016



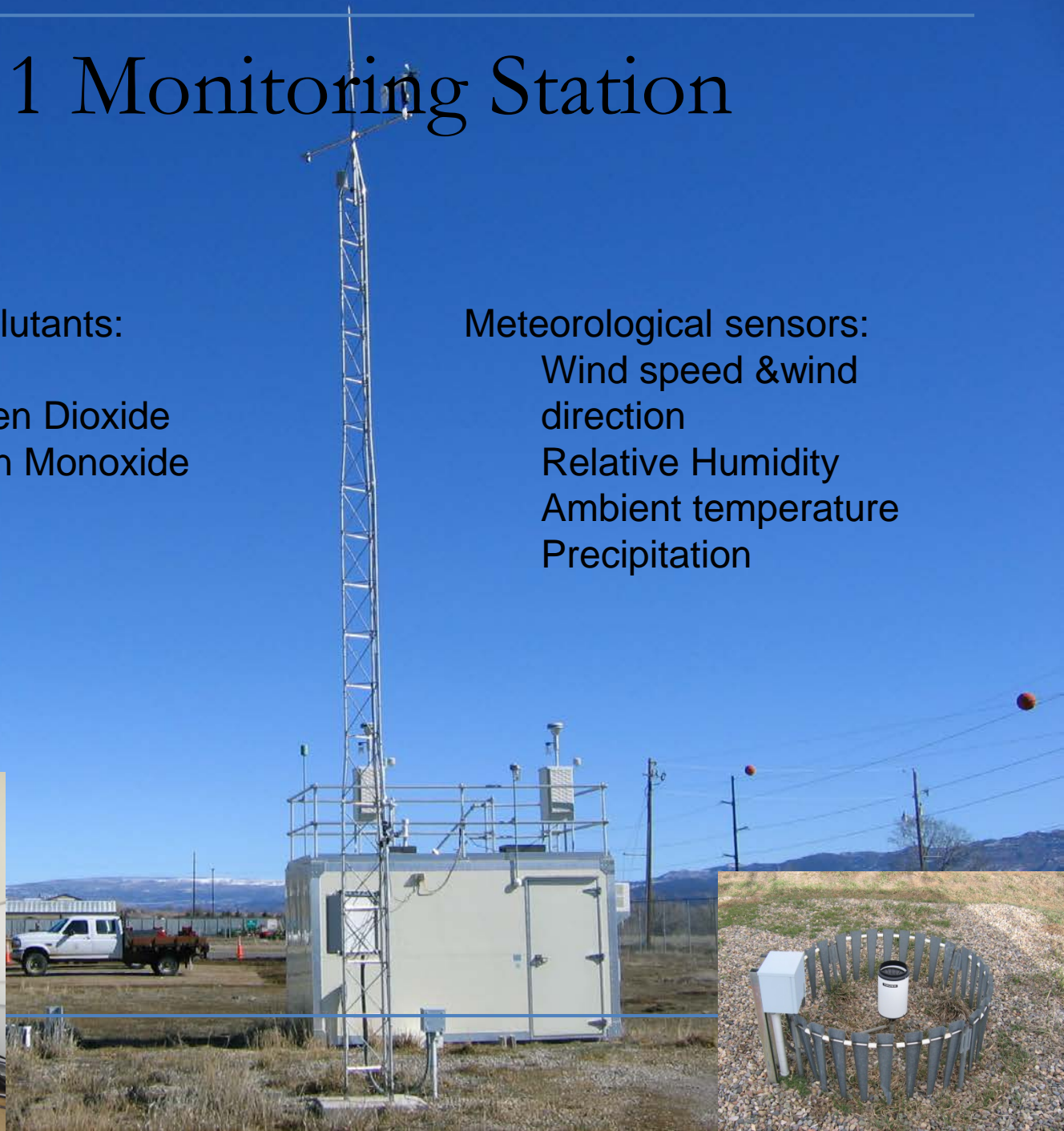
Ute 1 Monitoring Station

Criteria Pollutants:

Ozone
Nitrogen Dioxide
Carbon Monoxide

Meteorological sensors:

Wind speed & wind direction
Relative Humidity
Ambient temperature
Precipitation



Ute 3 Monitoring Station

Criteria Pollutants and parameters measured:

Ozone

Nitrogen Dioxide

PM_{2.5}

Continuous PM₁₀ and PM_{2.5}

Methane and Non-

Methane Hydrocarbons

Visibility

Meteorological sensors:

Wind speed & wind direction

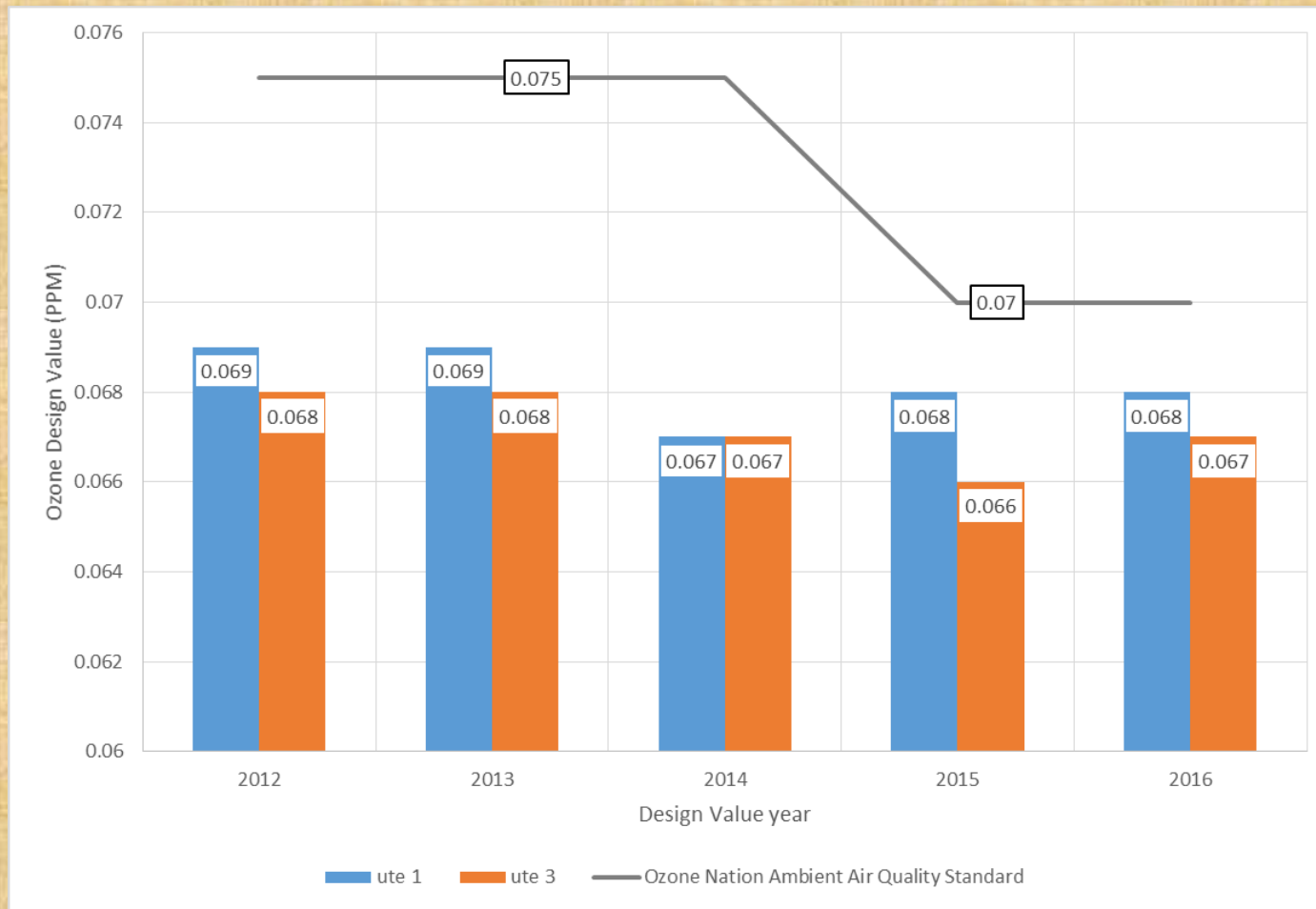
Relative Humidity

Ambient temperature

Precipitation



2016 Ute 1 and Ute 3 Ozone Season results (March – September)



Air Quality Program Monitoring website



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Ambient Monitoring

The goal of the Air Quality Program (AQP) is to protect the health of Tribal Members and residents on the Southern Ute Indian Reservation. AQP maintains two State and Local Air Monitoring Stations (SLAMS) to meet this need for the Reservation while also adhering to Environmental Protection Agency (EPA) SLAMS quality assurance guidelines. Ute 1 is located just north of Ignacio, Colorado while the second station, Ute 3, is located off of Colorado State Highway 550 north of Bondad, Colorado.

To further enhance Tribal Member and resident access to real time information on air quality conditions within the Reservation, ambient air monitoring data collected from these stations are reported to the EPA Air Quality System for National Ambient Air Quality Standard comparison and EPA's AirNow website. This website establishes air quality forecasts using ambient air monitoring data index values and color rating system to help people understand when air quality can be harmful to their health.

Air Quality Health Notifications

None

AIR QUALITY FOR THE SOUTHERN UTE INDIAN RESERVATION



Climate Zones: Layers:



THANK YOU



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