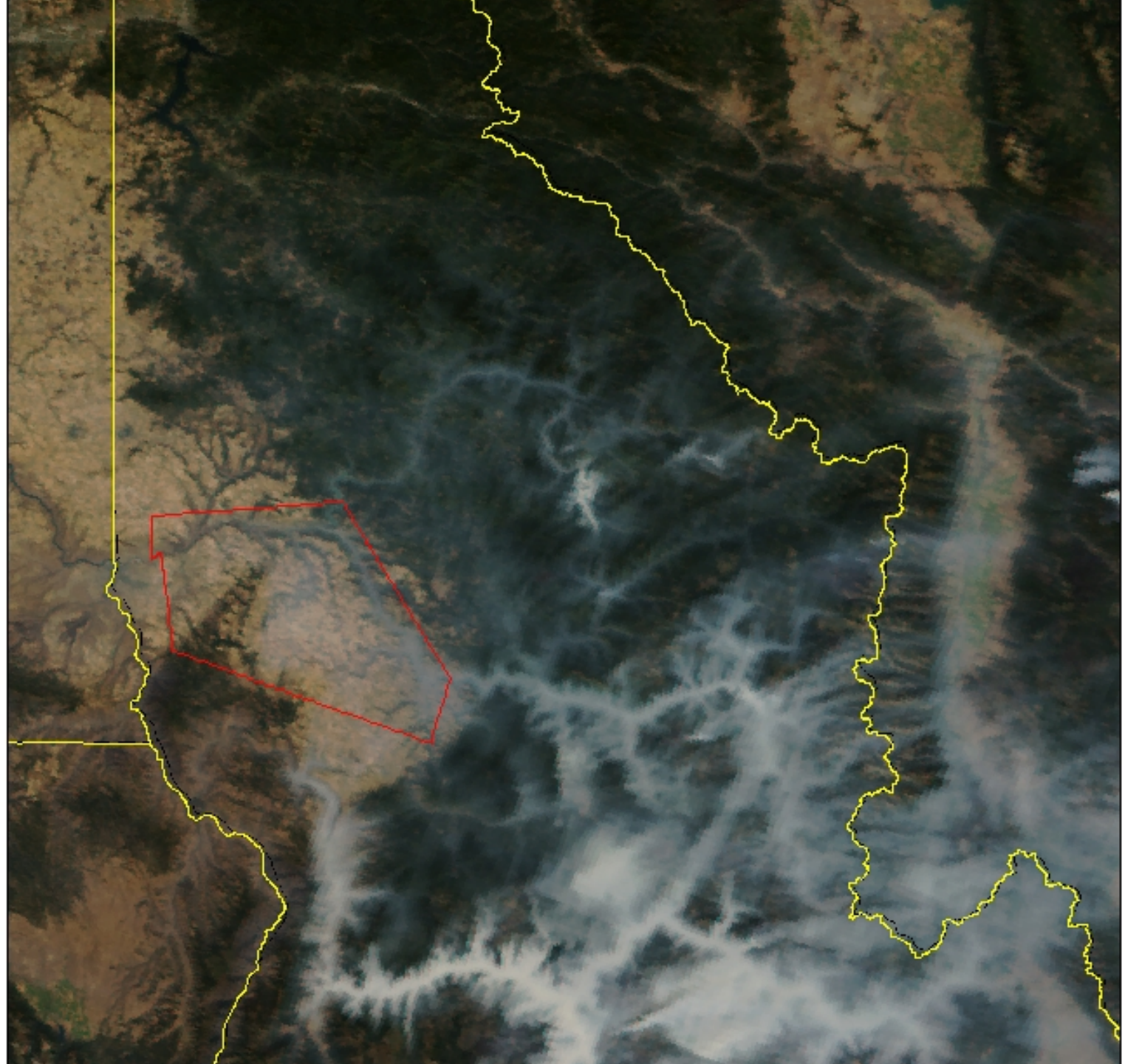


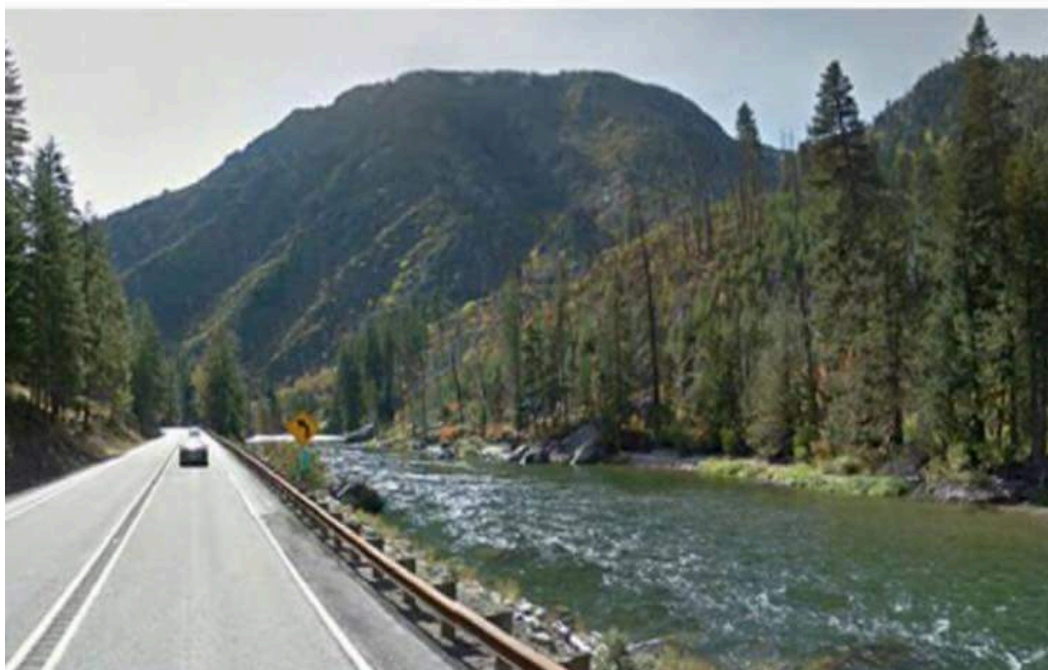
Tribal Smoke Management Programs: Wildfire Smoke Response & Outreach

Andrea Boyer

Nez Perce Tribe

ERWM Air Quality Program





August 12, 2014
PM2.5 = 200 ug/m3



September 4, 2014
PM2.5 = 4 ug/m3

Clean Air Act (CAA)

Implementation on Reservations


- **State Implementation Plan (SIP)**
 - EPA approves a State to administer CAA-delegated programs - *SIPs are not applicable within reservations*
- **Tribal Implementation Plan (TIP)**
 - EPA approves a Tribe to administer CAA-delegated programs
- **Inherent Tribal Sovereign Authority**
 - Tribe administers air quality program under own authority
- **Federal Implementation Plan (FIP)**
 - EPA promulgates rules/establishes CAA programs for states or Indian reservations
 - Program delegation

Nez Perce Tribe FIP: Federal Air Rules for Indian Reservations (FARR)


- Set of air quality regulations established under the Clean Air Act
- Effective June 7, 2005
- Specific to EPA Region 10
 - Reservations in Idaho, Oregon and Washington
- Address regulatory gap
- Make air quality standards on reservations consistent with standards off
- Applies to all residents
- Delegated Partial Administrative Authority

Burn Bans and the National Ambient Air Quality Standards

- Three permanent monitoring sites
- Two portable monitors
- CASTNET, AMoN & Ozone site
- Air Quality Advisories & Burn Bans
 - Levels have exceeded or are expected to exceed 75% of the NAAQS for particulate matter



**Air Quality Advisory Remains in Effect
for the Nez Perce Reservation**



Date/Time:	Wednesday, August 12, 2015, 10:00am
Description of Air Quality Event:	Due to wildfire smoke from the Lawyers Complex, the <u>Air Quality Advisory</u> issued for the Nez Perce Reservation remains in effect. Wildfire smoke will continue to move in and out of the area during the day and overnight. Some areas may be more impacted than others, so please take appropriate precautions.
Affected Areas:	All areas on the Nez Perce Reservation.
Air Quality Index (AQI) Category:	Air quality in the town of Nezperce is currently in the "Hazardous" category. Areas of the Reservation along the Clearwater River Corridor from Stites to Lenore and the Camas Prairie communities of Craigmont, and Reubens are in or trending toward the "Unhealthy" category. Air quality is currently in the "Moderate" category for the western portion of the Reservation including the communities of Lapwai and Culesac. Winds are forecasted to be variable for the next 24 hours, so local air quality will improve and worsen as smoke moves in and out of communities. See additional health advisory information and recommended actions below.
Restrictions:	No EPA/NPT burn permits will be approved. This action does not apply to fires set for cultural or traditional purposes (FARR General Rule for Open Burning, Section 49.131).
Next Update:	These restrictions are in effect through 10:00am Thursday, August 13th, 2015 . Conditions will be reassessed at that time.

AQI FOR PARTICULATE POLLUTION		
www.airnow.gov/index.cfm?action=pubs.aqguidepart		
AQI	Air Quality Category	Health Advisory
0-50	Good	It's a great day to be active outside!
51-100	Moderate	Unusually sensitive people should <i>consider reducing</i> prolonged or heavy outdoor exertion.
101-150	Unhealthy for Sensitive Groups	Sensitive people should <i>reduce</i> prolonged or heavy exertion.
151-200	Unhealthy	Sensitive people should <i>avoid</i> prolonged or heavy outdoor exertion. Everyone else should <i>reduce</i> prolonged or heavy exertion.
201-300	Very Unhealthy	Sensitive people should <i>avoid all</i> physical activity outdoors. Everyone else should <i>avoid</i> prolonged or heavy exertion.
301-500	Hazardous	Everyone should <i>avoid all</i> physical activity outdoors. Sensitive people should remain indoors and keep activity levels low.

Sensitive groups include infants, children, pregnant women, elders, people who have high exposure (those who work, exercise, or spend extensive time outdoors), and those with existing health conditions or chronic diseases like asthma, emphysema, bronchitis, heart disease, COPD or diabetes.

Idaho Smoke Information Blog: idsmoke.blogspot.com
Idaho Fire Information Blog: idahofireinfo.blogspot.com
Idaho Department of Health and Welfare: [Wildfire Smoke and Your Health](http://WildfireSmokeandYourHealth.com)

If you have questions, please contact:
 Nez Perce Tribe ERWM Air Quality Program
 208-843-9381 | 1-800-720-4089
 Email: airquality@nezperce.org | Website: www.nezperce.org/AirQuality/

Collaboration

- Area Schools & Health Facilities
- Other Regulators and Practitioners
- Other Tribes – Culturally Appropriate, Tribal Community Specific, Multiple Formats



Idaho Smoke Information

This site is an effort by county, state, tribal, and federal agencies to coordinate and aggregate information for Idaho communities affected by wildfire smoke. Information is posted here by the agencies themselves.

IDAHO FIRE INFO

This is an interagency website developed by federal and state agencies in Idaho to provide timely and accurate information for wildfires, fire restrictions, prevention and education across the state. Our aim is to provide one website where the best available information and links related to fire can be accessed.

Home Boise Dispatch Central Idaho Dispatch Clear (Alone) Dispatch Eastern Idaho Dispatch Fire Prevention & Safety Tips Fire Restrictions Information Fire Restrictions Information RX Fire Fuels and Fire Danger Aviation

MWS Fire Weather Webcam Sammy Quast to Save the Wood Activity Book! COMING SOON!

Idaho Fire Restrictions HOTLINE
1-844-ID-FIRES or 1-844-433-4737

Fire prevention specialist recognized in ceremony

IDL Permit System Idaho Burn Permit System

Protect Yourself from Wildfire Smoke

- Stay indoors as much as possible. Keep doors and windows closed.
- Use the air conditioner's "recycle mode" in your home and car. Keep filters clean.
- Avoid exercise or heavy work outdoors.
- Wear a mask if you must be outside.
- Cancel outdoor events and sports activities.
- Call 911 or your doctor if you have breathing or chest discomfort.

Sensitive Groups:

- Infants & Children
- Pregnant Women
- Elderly

People with chronic diseases:

- Asthma
- Emphysema
- Bronchitis
- Heart Disease
- Diabetes

IDAHO SMOKE INFORMATION BLOG:
idsmoke.blogspot.com

SMOKE COMPLAINT HOTLINE: 1-800-345-1007

Guidelines for Wildfire Smoke Events

Is and Others Responsible for Children during a Wildfire Smoke Event

MODERATE (iles visibility)	UNHEALTHY FOR Sensitive Groups * (1 - 6 miles visibility)	UNHEALTHY (1.5 - 3 miles visibility)	VERY UNHEALTHY/HAZARDOUS (0.5-1 mile visibility)
<p>Keep children with asthma or other respiratory problems indoors. Make indoor space available for all children.</p> <p>Keep children with asthma or other respiratory problems indoors. Make indoor space available for all children. If outdoors, limit vigorous activities. Individuals with asthma or other respiratory illness should be medically managing their condition.</p> <p>Individuals with asthma or other respiratory illness should be medically managing their condition. Increase rest periods and substitutions for all participants to lower breathing rates.</p> <p>Individuals with asthma or other respiratory illness should be medically managing their condition. Increase rest periods and substitutions for all participants to lower breathing rates.</p>	<p>Keep all children indoors.</p> <p>Conduct P.E. indoors. If outdoors, only allow light activities for all participants. Individuals with asthma or other respiratory illness should be medically managing their condition.</p> <p>Consider rescheduling or relocating event.</p>	<p>Keep all children indoors.</p> <p>Conduct P.E. indoors. If outdoors, only allow light activities for all participants. Individuals with asthma or other respiratory illness should be medically managing their condition.</p> <p>Conduct practice and games indoors. If outdoors, allow only light activities for all participants. Individuals with asthma or other respiratory illness should be medically managing their condition.</p>	<p>Keep all children indoors.</p> <p>Keep all children indoors.</p> <p>Reschedule or relocate event.</p> <p>Conduct practice and games indoors only.</p>
<p>Examples of moderate activities: • Skateboarding • Low pitch softball • Shooting basketballs</p>	<p>Examples of vigorous activities: • Running, jogging • Playing football, soccer, and basketball</p>		

sensitive to air pollution and it is recommended that you talk with a doctor about his or her condition.

without an air quality monitor or airport visibility estimate:

targets at known distances (miles).

distance disappears.

if fire smoke category.