



**LRAPA BOARD OF DIRECTORS  
AGENDA ITEM SUMMARY**

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**Director's Report for September 2020**

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**Meeting Date: October 8, 2020**  
**Department: Director's Office**  
**www.lrapa.org**

**Agenda Item No. 8**  
**Staff Contact: Merlyn Hough**  
**Contact Telephone: 541-736-1056 x 216**

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**AIR QUALITY: 09/01/2020 to 09/30/2020**

**September**

| Site      | Date      | Max AQI | Pollutant |
|-----------|-----------|---------|-----------|
| Eug/Spfld | 12-Sep-20 | 457     | PM        |
| Oak       | 12-Sep-20 | 493     | PM        |
| CottGrv   | 10-Sep-20 | 517     | PM        |

| AQI            | Eug/Spfld | Oak* | CottGrv | Range   |
|----------------|-----------|------|---------|---------|
| Good           | 13        | 14   | 15      | 0-50    |
| Moderate       | 6         | 6    | 5       | 51-100  |
| USG            | 1         | 1    | 0       | 101-150 |
| Unhealthy      | 0         | 1    | 1       | 151-200 |
| Very Unhealthy | 2         | 2    | 2       | 201-300 |
| Hazardous      | 8         | 5    | 7       | 301-500 |

**\*One day missing due to power outage**

***Attachment No. 1: Air quality index charts for Eugene/Springfield (September 2020)***

***Attachment No. 2: Air quality index charts for Oakridge (September 2020)***

***Attachment No. 3: Air quality index charts for Cottage Grove (September 2020)***

**COMPLAINTS: 09/01/2020 to 09/30/2020 [TOTAL: 513]**

1. **Smoke** – 18 total smoke complaints: 14 for outdoor burning; 2 for home-wood heating and 2 for a wildfire smoke.
2. **Industry** – 6 total complaints: 2 for JH Baxter; 1 for Pacific Recycling; 1 for Oregon Industrial Lumber; 1 for Seneca Sawmill; and 1 for Emerald Forest Products.
3. **Miscellaneous/Unknown/Dust** – 27 total miscellaneous complaints: 1 for asbestos; 5 for fugitive dust; 1 for odor from Cascade Pacific in Halsey; 1 for vehicle emissions; 1 for Hop Valley Brewery; 1 for marijuana odor; and 11 for wildfire ash fugitives and 6 unknown odors.

For perspective, here is how the total number of complaints received for calendar year 2020 compares to previous years:

| Year                | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       | 2019       | *2020      |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Fugitive Dust       | 34         | 33         | 44         | 30         | 14         | 25         | 32         | 25         | 26         | 15         | 12         |
| Ag/Field Burning    | 9          | 13         | 1          | 17         | 4          | 12         | 9          | 1          | 0          | 6          | 2          |
| General Air Quality | 2          | 6          | 6          | 26         | 30         | 15         | 20         | 14         | 6          | 12         | 4          |
| Home Wood Heating   | 62         | 135        | 95         | 219        | 121        | 342        | 130        | 197        | 126        | 128        | 46         |
| Industry            | 265        | 169        | 128        | 122        | 127        | 52         | 58         | 74         | 50         | 170        | 85         |
| Outdoor Burning     | 268        | 341        | 268        | 321        | 279        | 251        | 266        | 281        | 351        | 402        | 320        |
| Slash Burning       | 5          | 16         | 7          | 5          | 7          | 11         | 26         | 13         | 24         | 16         | 1          |
| Miscellaneous       | 77         | 101        | 79         | 52         | 57         | 85         | 164        | 138        | 66         | 67         | 46         |
| Unknown             | 12         | 25         | 17         | 14         | 35         | 46         | 56         | 63         | 29         | 39         | 67         |
| <b>Total</b>        | <b>734</b> | <b>839</b> | <b>645</b> | <b>806</b> | <b>674</b> | <b>839</b> | <b>761</b> | <b>806</b> | <b>678</b> | <b>855</b> | <b>583</b> |

\* Year-to-date.

**ENFORCEMENT: 09/01/2020 to 09/30/2020**

| Category of Violation | New | Follow-Up Action | Pending   | Closed | Total     |
|-----------------------|-----|------------------|-----------|--------|-----------|
| Asbestos              | -   | -                | -         | -      | -         |
| Industrial            | -   | -                | 5         | -      | 5         |
| Outdoor Burning       | -   | -                | 7         | -      | 7         |
| Fugitive Dust         | -   | -                | -         | -      | -         |
| Home Wood Heating     | -   | -                | -         | -      | -         |
| <b>Totals</b>         | -   | -                | <b>12</b> | -      | <b>12</b> |

**Attachment No. 4: Enforcement activities during these reporting periods for case details.**

For perspective, here is how the total number of enforcement actions for calendar year 2020 compares to previous years:

| Year                                      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | *2020 |
|---|------|------|------|------|------|------|------|------|------|------|-------|
| Notices of Non-compliance and Warnings    | 57   | 64   | 41   | 51   | 36   | 38   | 41   | 39   | 47   | 55   | 10    |
| Notices of Violation with Civil Penalties | 39   | 42   | 29   | 23   | 28   | 37   | 37   | 28   | 43   | 37   | 21    |

\* Year-to-date.

**OUTDOOR BURNING LETTER PERMITS: 09/01/2020 to 09/30/2020**

There were no Outdoor Burning Letter Permit (OBLP) issued in September.

**ASBESTOS ABATEMENT: 09/01/2020 to 09/30/2020**

During September, LRAPA received 31 notices of asbestos removal projects, two of which were schools (Willamette High School and Silver Lea Elementary School).

For perspective, here is how the total number of asbestos abatement notices filed, how many were schools and the number of notices inspected for calendar year 2020 compares to previous years:

| Year                                       | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | *2020 |
|--|------|------|------|------|------|------|------|------|------|------|-------|
| Total Asbestos Abatement Notices           | 370  | 357  | 324  | 351  | 352  | 426  | 444  | 543  | 428  | 488  | 324   |
| School Asbestos Abatement Notices (NESHAP) | 70   | 61   | 53   | 24   | 21   | 24   | 27   | 28   | 24   | 16   | 23    |
| Number of Asbestos Abatements Inspected    | 107  | 106  | 90   | 96   | 67   | 89   | 82   | 120  | 77   | 94   | 64    |

\* Year-to-date.

**PERMITTING (TITLE V AND ACDP): 09/01/2020 to 09/30/2020**

LRAPA currently permits 15 Title V sources and approximately 300 Air Contaminant Discharge Permits (ACDPs). Below are the total numbers of permit activities that are new, renewals, modifications, construction approvals, registration application's, terminated and/or issued permits the operations staff currently have in process.

| Category of Permit | Title V    | ACDP      | Registration | Total Active |
|--------------------|------------|-----------|--------------|--------------|
| New                | -          | 2         | -            | 2            |
| Renewals           | 7          | 14        | -            | 21           |
| Modifications      | 1          | 13        | -            | 14           |
| Constructions      | -          | -         | -            | -            |
| Registrations      | -          | -         | -            | -            |
| Terminated Permits | 2          | 3         | -            | 5            |
| Issued Permits     | 17         | 38        | -            | 55           |
| <b>*Total</b>      | <b>278</b> | <b>70</b> | <b>-</b>     | <b>97</b>    |

**\* Year-to-date.**

**UPDATE ON SOME NATIONAL ISSUES OF LRAPA INTEREST**

The National Association of Clean Air Agencies (NACAA, the organization of state and local air directors) publishes an information packed Washington Update every Friday. Here are the weekly highlights from recent weeks, from most recent to oldest.

**Week of September 26 – October 2, 2020**

See: <http://www.4cleanair.org/sites/default/files/Documents/WashingtonUpdate-2020-10-02.pdf>

- In Comments on Proposed Ozone NAAQS Decision, NACAA Urges EPA to “Return to a NAAQS Review Process that Does Not Prioritize Efficiency Over the Protection of Public Health”
- EPA Issues Final Rule Rescinding Once-In-Always-In Policy
- Congress Passes and President Signs Continuing Resolution to Avoid Federal Shutdown
- EPA Awards 11 Community-Scale Air Toxics Ambient Monitoring Grants
- EPA Administrator Urges California Governor to “Step Away” from ZEV Commitment; California Leaders Respond
- SCOTUS Will Hear Baltimore Climate Case
- EPA and Oil-and-Gas Groups Argue Against D.C. Circuit Stay of Methane Rescission Rule
- D.C. Circuit Stays Fuel Economy Standards for Truck Trailers
- EPA Sued Over Taconite Iron Ore Processing Risk and Technology Review Standard
- Public Health and Environmental Groups File D.C. Circuit Brief in Support of 2015 Residential Wood Heater NSPS Audit Provisions
- Industry Lawsuit Challenging 2020 MATS Rule Is Put on Hold
- EPA Opens 30-Day Application Period for 2020 DERA School Bus Rebates Program
- House Hearing on Environmental Justice Bill Illustrates Partisan Divide
- FERC Technical Conference Explores Carbon Pricing Options

### **Week of September 19-25, 2020**

See: <http://www.4cleanair.org/sites/default/files/Documents/WashingtonUpdate-2020-09-25.pdf>

- CA Governor Announces Plans for 100 Percent Zero-Emission Vehicles Beginning in 2035
- NACAA Submits Early Input on Enforcement National Program Guidance for FY 2022-2023
- House Passes Sweeping Clean Energy Legislation
- House Adopts Continuing Resolution to Avoid Federal Shutdown as Fiscal Year Ends
- States and Automotive Groups file Intervenor Briefs in Support of EPA's SAFE Vehicles "One National Program" Rule
- Briefs Filed in Suit Challenging EPA's 2015 Residential Wood Heater NSPS
- Environmental Group Challenges EPA's Lime Manufacturing RTR
- Executive Action That Caused Cancellation of Racial Awareness Programming Expands to Grants, Subcontracts

### **Week of September 12-18, 2020**

See: <http://www.4cleanair.org/sites/default/files/Documents/WashingtonUpdate-2020-09-18.pdf>

- EPA Finalizes Rule on Guidance Document Transparency
- EPA Denies 54 Petitions from Small Refiners Seeking RFS Compliance Waivers
- D.C. Circuit Temporarily Stays Methane Control Rollbacks as Publication of Oil and Gas Rules Triggers Immediate Lawsuits from States, Cities and Environmental Groups
- Environmental Groups Challenge EPA's Integrated Iron and Steel Manufacturing RTR
- Groups File *Amicus* Briefs Supporting "SAFE" Vehicles Rule Part 1
- DOJ Seeks New Avenues to Thwart California-Quebec Carbon Trading
- CARB, EPA Propose Settlement Over Daimler Benz Emissions Cheating
- Judge Approves Harley Consent Decree After Four Years, Removes SEP
- ALA Releases Electric Vehicles Report
- Study Links HAP Exposure to 9-Percent Increase in COVID Death Rate
- New Research Estimates Cumulative GHG Emission Increases to Result from EPA Rule Rollbacks
- FERC Issues Landmark Ruling as Nominees Advance
- EPA Administrator Reappoints CASAC Members

### **Week of September 5-11, 2020**

See: <http://www.4cleanair.org/sites/default/files/Documents/WashingtonUpdate-2020-09-11.pdf>

- In Draft Report, EPA Science Advisors Call for EPA to "Clarify and Strengthen" Clean Air Act Cost-Benefit Proposal
- EPA's Proposed Cleaner Trucks Initiative Rule Now Expected in March 2021
- EPA and NHTSA File Initial Respondents' Brief Defending "SAFE" Vehicles Rule Part 1
- Three Air Toxics Risk and Technology Review Rules Challenged in D.C. Circuit
- EPA Publishes Reporting Revisions for MATS
- EPA Publishes RTR for Iron and Steel Foundries
- Researchers Conduct Study of Comprehensive Contribution of Aviation to Climate Change

- McNamee's Departure Leaves Leadership Gap at FERC
- USDA Seeks Nominations for Task Force on Agricultural Air Quality Research

### **Week of August 29 - September 4, 2020**

See: <http://www.4cleanair.org/sites/default/files/Documents/WashingtonUpdate-2020-09-04.pdf>

- White House Urges New Limits on Federal Enforcement
- EPA Publishes Other Solid Waste Incineration Proposed Rule – Comment Deadline Set for October 15
- Court Rejects NHTSA Plan To Weaken Fuel Economy Penalties
- EPA Holds Two-Day Teleconference Hearing on Proposal to Retain Ozone Standards
- EPA Announces that Nine Areas Officially Attained 1997 Ozone Standard
- FGD Wastewater Pollutant Standard Lowered
- NOAA: Aviation's Climate Change Contribution Goes Well Beyond CO<sub>2</sub>

### **PUBLIC INFORMATION – Travis Knudsen**

#### **On-Going**

September was a busy month for LRAPA. The worst air in recorded history was observed across all of Lane County in September due to smoke from the Lionshead, Beachie Creek, and Holiday Farm wildfires. Smoke inundated the county on the evening of Labor Day (September 7<sup>th</sup>), from there air quality ranged between “unhealth” to “hazardous” on the Air Quality Index (AQI) for a total of 10 days. The day with poorest air quality for the Eugene/Springfield area was Sunday September 13<sup>th</sup> with a 24-hour AQI of 457 – breaking the prior 2017 record of 291.

Public affairs approached this hazard by providing actions people can take to protect their health. This guidance included keeping all door and windows shut, limiting outdoor exposure, wear N95 smoke masks if available, replace HVAC filters with clean MERV-13 or better filters. Information for DIY box fan air cleaners was shared as well. Past recommended actions, such as visiting the coast where cleaner air existed, was not an available action as smoke on the coast was equally as poor. Public Affairs spread this public messaging through many avenues, attempting to reach the largest audience possible. Multiple appearances on early morning TV and radio programs were made, press releases were written and distributed to all media members with smoke safety information. Countless interviews with media members were conducted.

Social media played a vital role in spreading our health guidance. Our first post warning of increased fire danger came on September 6<sup>th</sup>. 29 posts were made on Facebook between 9/6/2020 and 9/17/2020. These posts reached 166,910 people with 20,187 engagements. Public affairs staff also attended a Neighborhood Leaders Council meeting to provide AQI information to Eugene neighborhood association in effort to spread public health information to additional people.

Public guidance was created concerning ash disposal, as LRAPA saw an increase in ash complaints from leaf blowers used during cleanup. Interim public guidance has also been issued on asbestos cleanup for those impacted by the Holiday Farm Fire. Two new webpages were created to host this

information: <https://www.lrapa.org/324/Ash-Cleanup> and <https://www.lrapa.org/325/Asbestos-after-a-Wildfire>.

LRAPA staff attended a Multi-Agency Resource Center (MARC) at the Lane Events Center on Friday September 25<sup>th</sup> and again on Friday October 2<sup>nd</sup>. Here information on asbestos cleanup was distributed to those impacted by the Holiday Farm Fire.

**Media Contacts**

| <b>Date</b> | <b>Media</b>   | <b>Person</b>                | <b>Topic</b>                                |
|-------------|----------------|------------------------------|---|
| 9/1/2020    | Siuslaw News   | Chantelle Meyer              | Sweet Creek Fire Air Quality                |
| 9/2/2020    | KCST and KCFM  | George Henry                 | Sweet Creek Fire Air Quality                |
| 9/3/2020    | KVAL           | Josh Cozart                  | New Purple Air Sensor in Mapleton           |
| 9/8/2020    | KEZI           | Jaimie Hays                  | Beachie Creek/ Lionshead Fire Smoke Impacts |
| 9/8/2020    | KKNU           | Tracy Berry                  | Beachie Creek/ Lionshead Fire Smoke Impacts |
| 9/8/2020    | KLCC           | Karen Richards               | Beachie Creek/ Lionshead Fire Smoke Impacts |
| 9/8/2020    | KVAL           | Olivia Young                 | Beachie Creek/ Lionshead Fire Smoke Impacts |
| 9/8/2020    | Register Guard | Tatiana Parafiniuk-Talesnick | Beachie Creek/ Lionshead Fire Smoke Impacts |
| 9/9/2020    | Register Guard | Tatiana Parafiniuk-Talesnick | Holiday Farm Fire Smoke Impacts             |
| 9/10/2020   | Register Guard | Tatiana Parafiniuk-Talesnick | Smoke Forecast Impact                       |
| 9/11/2020   | KVAL/KMTR      | Mark Furman                  | µg/m3 to AQI                                |
| 9/11/2020   | KVAL/KMTR      | Tammy Mutasa                 | AQI Forecast Update                         |
| 9/11/2020   | Register Guard | Adam Duvernay                | AQI Forecast Update                         |
| 9/14/2020   | Register Guard | Tatiana Parafiniuk-Talesnick | Hazardous Air in Lane County                |
| 9/14/2020   | KLCC           | Brian Bull                   | Hazardous Air in Lane County                |
| 9/15/2020   | Eugene Weekly  | Henry Houston                | AQI Health Consequences                     |

|           |                 |                 |                      |
|-----------|-----------------|-----------------|----------------------|
| 9/15/2020 | Orkin Public B. | Monica Samayoa  | Historic Air Quality |
| 9/16/2020 | KPNW            | Bill            | Air Quality Concerns |
| 9/17/2020 | KVAL/KMTR       | Keely McCormick | Air Quality & Pets   |
| 9/18/2020 | KEZI            | Kate Rogerson   | Improved Air Quality |
| 9/20/2020 | KVAL/KMTR       | Keely McCormick | Ash Cleanup          |

**Meetings/Events**

|      |   |
|------|---|
| 9/1  | StoryMap Communication Meeting – Oakridge Air             |
| 9/2  | Oakridge Air: Smoke, Health and Safety Workgroup          |
| 9/2  | An Evening with Electric Vehicles                         |
| 9/4  | Oregon Wildfire Smoke Response Call                       |
| 9/8  | NACCA Public Outreach Committee                           |
| 9/9  | Challenge planning: "Cleaner Indoor Air During Wildfires" |
| 9/10 | Oregon Wildfire Smoke Response Call                       |
| 9/10 | LRAPA Board meeting                                       |
| 9/11 | Ash Cleanup Issues / Asbestos Coordination Meeting        |
| 9/11 | Oakridge Air Communications, Holiday Farm Fire            |
| 9/14 | Oregon Wildfire Smoke Response Call                       |
| 9/14 | EPA/LRAPA/ODEQ Check-in                                   |
| 9/15 | Purple Air Sensor Install                                 |
| 9/16 | Oregon Wildfire Smoke Response Call                       |
| 9/16 | Challenge planning: "Cleaner Indoor Air During Wildfires" |
| 9/16 | Oakridge Air: Smoke, Health and Safety Workgroup          |
| 9/17 | Short Mountain Asbestos Disposal Protocol                 |
| 9/21 | Purple Air Sensor Install EWEB                            |
| 9/22 | Oregon Wildfire Smoke Response Call                       |
| 9/22 | Wildfire Response Subject Matter Expert (SME)             |
| 9/22 | Neighborhood Leaders Council: LRAPA update                |
| 9/23 | Permit Section Meeting                                    |
| 9/24 | Compliance meeting  |
| 9/24 | Air Quality Coordination Meeting with City of Eugene      |
| 9/28 | Oakridge TAG - EPA check in                               |
| 9/29 | PEPH Webinar - Community Engagement at a Distance         |
| 9/29 | Citizens Advisory Committee                               |
| 9/29 | PIO Partner call - Lane County COVID-19 EOC               |
| 9/30 | Western Region Wildfire SME Check-in Meeting              |
| 9/30 | Soil Data   DEQ, LRAPA, OHA                               |

### Press Releases

|      |   |
|------|---|
| 9/7  | Smoke from Beachie Creek Fire arrives in Lane County  |
| 9/8  | Air Quality Advisory for Oregon Coast, Willamette Valley, Southwest Washington, Southwest Oregon                          |
| 9/10 | Air quality advisory statewide for Oregon   |
| 9/11 | Outdoor sports, activities, and exercise strongly discouraged across Lane County  |
| 9/14 | Air quality advisory for all of Oregon extended at least through Thursday   |
| 9/14 | Wildfire smoke brings record poor air quality to Oregon, new data shows   |
| 9/17 | Limiting local air quality impacts of ash cleanup   |
| 9/28 | Outdoor Burning date pushed back to October 15th due to fire danger. Daily Home Wood Heating advisories begin October 1st |

### General Programs and Projects

- TAG Grant Progress (MH, NM, LG, TK) *In progress*
- Purple Air Sensors in Oakridge (TK) *In progress*
- Community Response Plan for Oakridge TJK(TK) *In Progress*
- Coordinate with DEQ/Lane County on Asbestos Cleanup (TK, AS, RR) *In Progress*
- Create Ash Wildfire Page on LRAPA.org (TK) *Completed*
- Create Asbestos Wildfire Page on LRAPA.org (TK) *Completed*

### ***Attachment No. 5: Additional details on the wildfire smoke impacts.***

### UPCOMING LRAPA BOARD AGENDA ITEMS

This schedule outline is a preview of upcoming agenda items, and we will update it as the time frames for additional issues become firmer.

August 2020: ~~No meeting.~~

September 2020:

- ~~Succession planning update.~~
- ~~Budget updates.~~

October 2020:

- Status report on Oakridge Woodsmoke Mitigation Project.
- Succession planning update – progress report by SGR.
- Dashboard update.
- Budget updates.

November 2020:

- Succession planning update.
- Budget updates.

December 2020: No meeting.

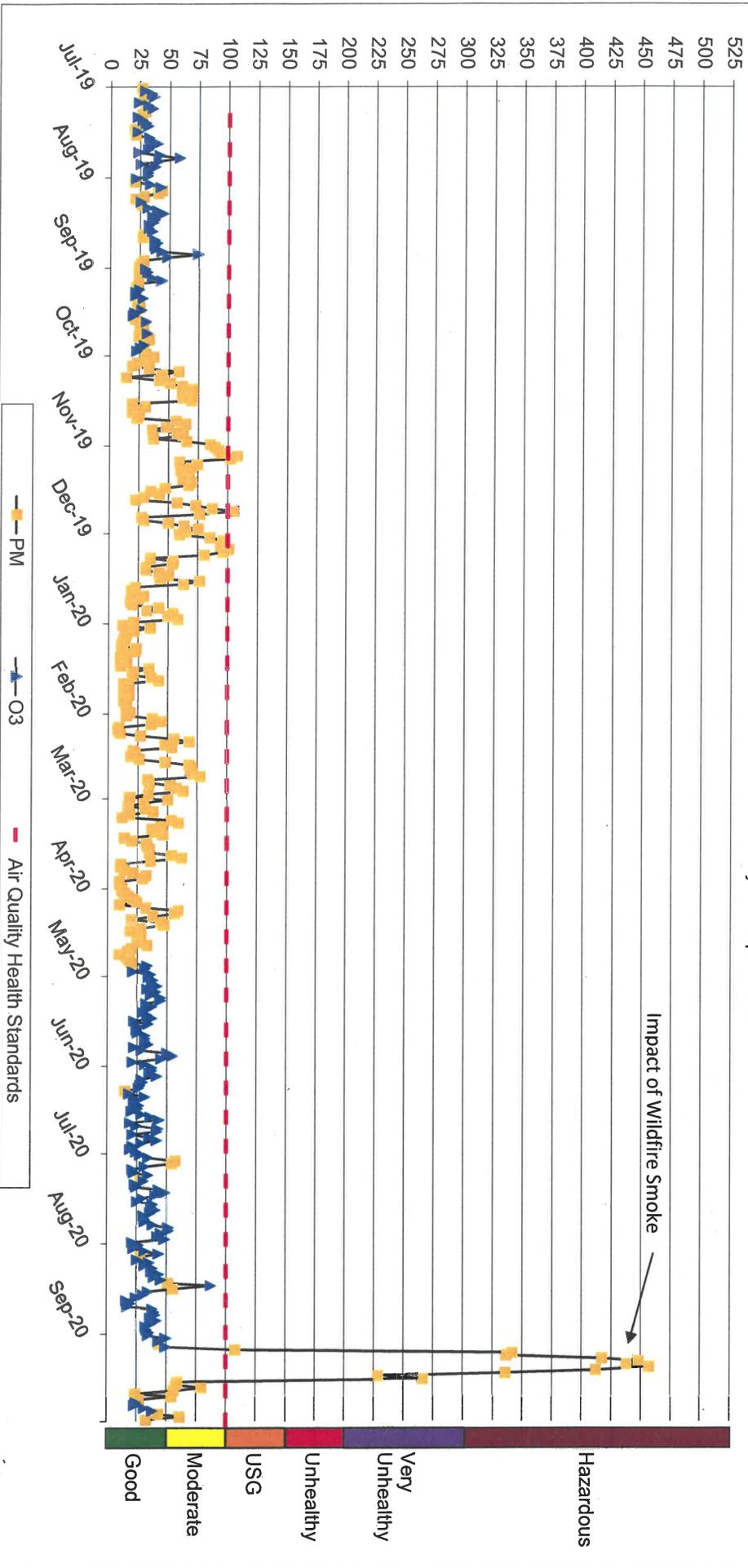
January 2021:

- Review multi-year budget forecast.
- Preview upcoming appointments on board and committees.
- Status report on Oakridge Woodsmoke Mitigation Project.
- Budget updates.

MLH/cmw

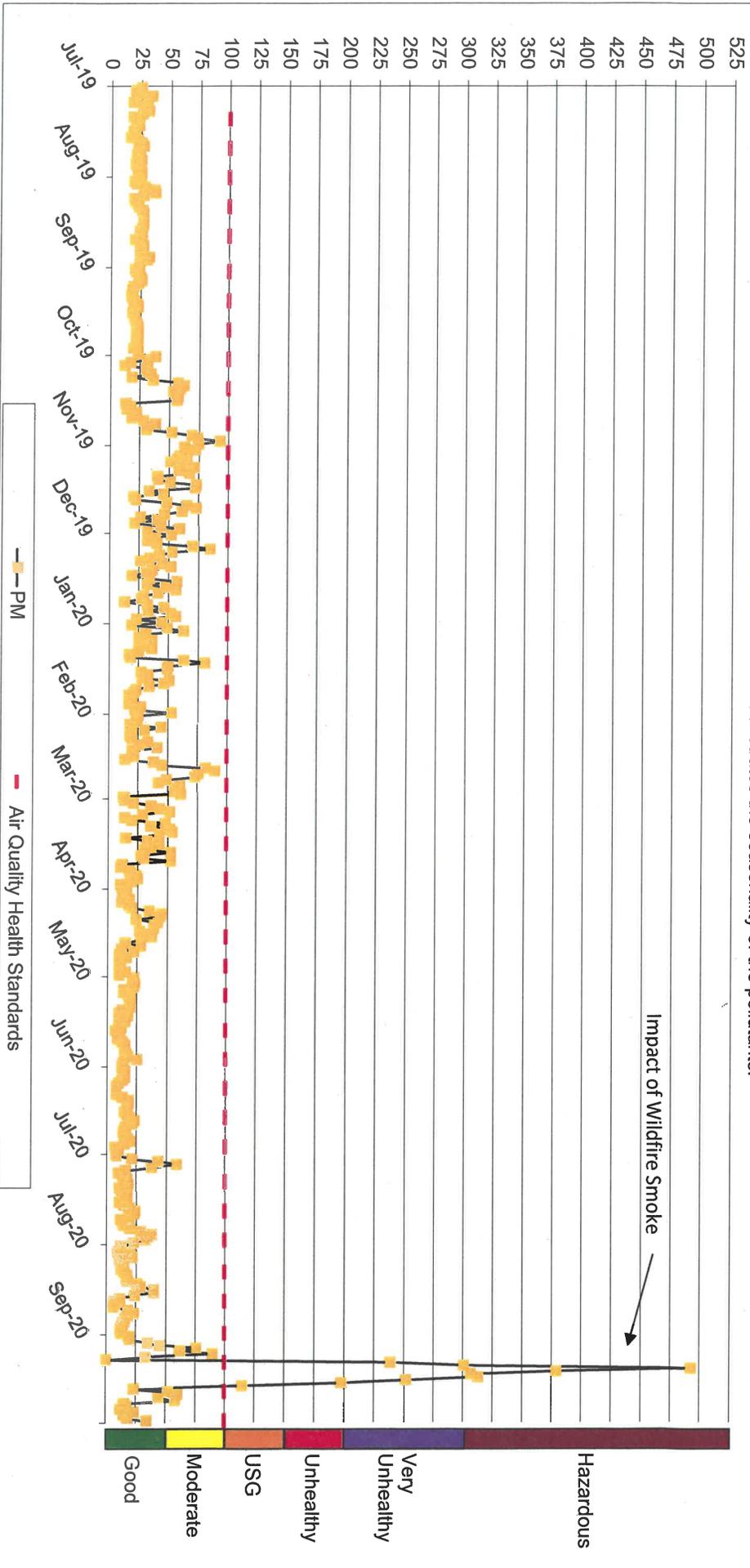
### Air Quality Index Chart - Eugene/Springfield

This 15-month chart demonstrates the seasonality of the pollutants.



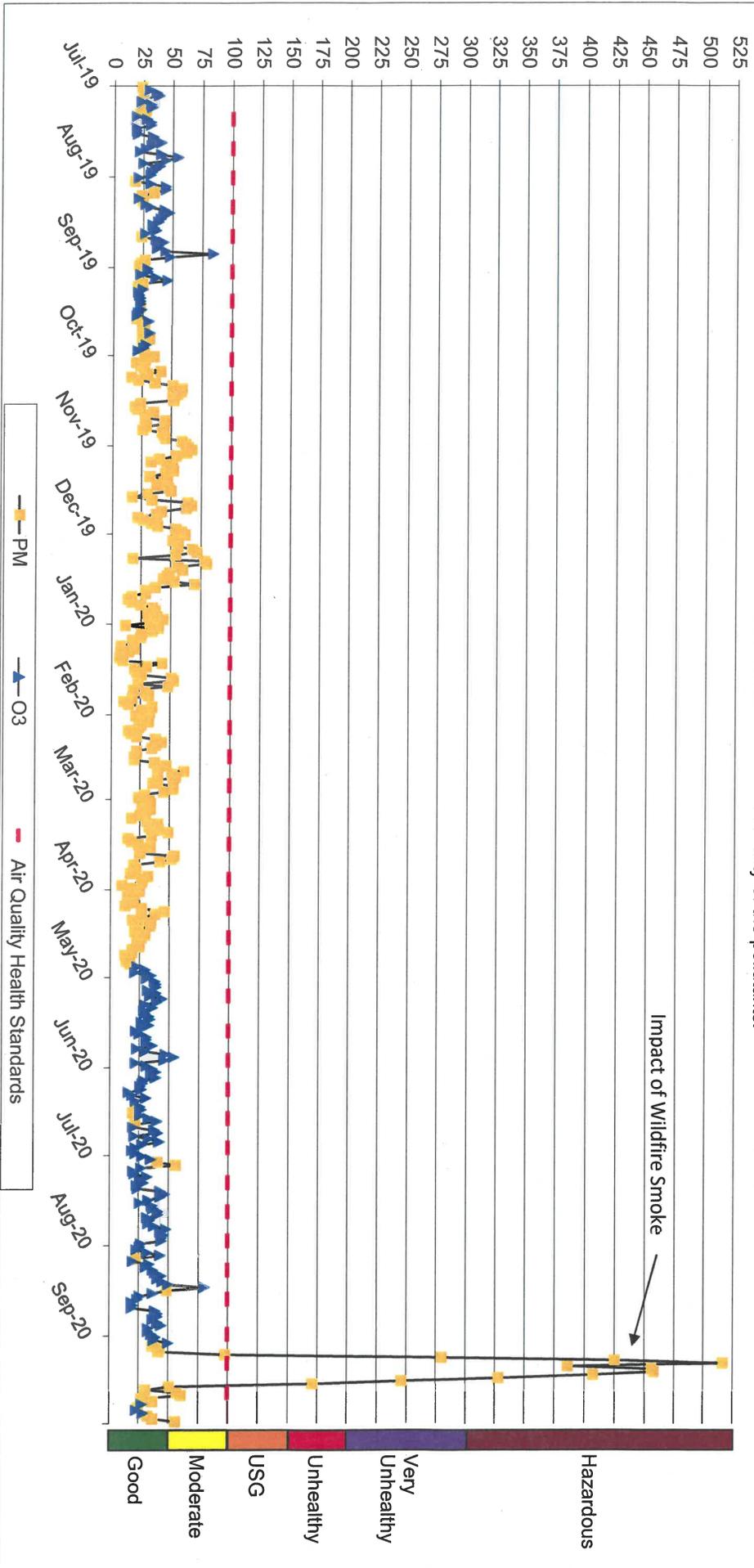
### Air Quality Index Chart - Oakridge

This 15-month chart demonstrates the seasonality of the pollutants.



### Air Quality Index Chart - Cottage Grove

This 15-month chart demonstrates the seasonality of the pollutants.



## **NEW/OPEN ENFORCEMENT ACTIONS STATUS REPORT**

**09/01/2020 -- 09/30/2020**

**Report of open and actions initiated since last report**

### **NEW (No New Enforcement actions issued)**

### **PENDING (Enforcement actions issued prior to 09/01/2020 with no subsequent action in the current reporting period):**

1. APRO, LLC DBA UNITED PACIFIC (SPRINGFIELD)
  - A. Violation: The permit holder failed to submit performance test records to LRAPA to demonstrate compliance with triennial vapor balance system requirements outlined in Permit Condition 5.0. Permit Condition 7.2 requires submittal of performance test reports to LRAPA within 30 days of test completion.
  - B. Initial Action Taken: NON #3761 issued 05/02/2019
  - C. Subsequent Action: NCP #2019-3761 (\$2,382) issued 02/06/2020: Submitted TP 201.3 done on 2/4/20 and PV Vent Valve Data Sheet on 02/07/2020 under review
  - D. Resolution: PENDING
2. APRO, LLC DBA UNITED PACIFIC (SPRINGFIELD)
  - A. Violation: The permit holder failed to submit performance test records to LRAPA to demonstrate compliance with triennial vapor balance system requirements outlined in Permit Condition 5.0. Permit Condition 7.2 requires submittal of performance test reports to LRAPA within 30 days of test completion.
  - B. Initial Action Taken: NON #3762 issued 05/02/2019
  - C. Subsequent Action: NCP #2019-3762 (\$2,382) issued 02/06/2020: Submitted TP 201.3 done on 2/4/2020 and PV Vent Valve Data Sheet on 2/7/20 under review
  - D. Resolution: PENDING

3. APRO, LLC DBA UNITED PACIFIC (EUGENE)
  - A. Violation: The permit holder failed to submit performance test records to LRAPA to demonstrate compliance with triennial vapor balance system requirements outlined in Permit Condition 5.0. Permit Condition 7.2 requires submittal of performance test reports to LRAPA within 30 days of test completion.
  - B. Initial Action Taken: NON #3763 issued 05/02/2019
  - C. Subsequent Action: NCP #2019-3763 (\$2,382) issued 02/06/2020: submitted test notification 2/7/2020 scheduled for 2/13/2020 under review
  - D. Resolution: PENDING
4. RON'S OIL CO. (SPRINGFIELD)
  - A. Violation: The permit holder failed to submit performance test records to LRAPA to demonstrate compliance with triennial vapor balance system requirements outlined in Permit Condition 5.0. Permit Condition 7.2 requires submittal of performance test reports to LRAPA within 30 days of test completion.
  - B. Initial Action Taken: NON #3767 issued 05/02/2019
  - C. Subsequent Action: NCP #2019-3767 (\$2,382) issued 02/06/2020: Submitted 2018 test on 2/7/2020 under review; request for reduction approved and reduced to \$570 with signed SFO issued 09/08/2020
  - D. Resolution: PENDING
5. SPACE AGE FUEL, INC. #19 EUGENE (EUGENE)
  - A. Violation: The permit holder failed to submit performance test records to LRAPA to demonstrate compliance with triennial vapor balance system requirements outlined in Permit Condition 5.0. Permit Condition 7.2 requires submittal of performance test reports to LRAPA within 30 days of test completion.
  - B. Initial Action Taken: NON #3769 issued 05/02/2019
  - C. Subsequent Action: NCP #2019-3769 (\$2,382) issued 02/06/2020: request for reduction approved and reduced to \$500 with signed SFO issued 09/08/2020

- D. Resolution: PENDING
6. VARGUS, RIGOBERTO (JUNCTION CITY)
- A. Violation: Outdoor burning when prohibited; outdoor burning such as to create a hazard to the public; outdoor burning of prohibited materials; outdoor burning of construction/demolition/commercial waste without first obtaining a letter permit from LRAPA
  - B. Initial Action Taken: NON #3805 issued 12/04/2019
  - C. Subsequent Action: NCP #2019-3805 (\$1,075) issued 12/27/2019: request for reduction approved and reduced to \$500 with signed SFO and payment schedule; on schedule with payments
  - D. Resolution: PENDING
7. WOLF, STEVEN A (EUGENE)
- A. Violation: Outdoor burning when prohibited; outdoor burning of prohibited materials; outdoor burning within Eugene city limits
  - B. Initial Action Taken: NON #3807 issued 01/13/2019
  - C. Subsequent Action: NCP #2020-3807 (\$350) issued 01/30/2020: no response, Default Order Judgment (DOJ) for a lien on the property in process
  - D. Resolution: PENDING
8. HARRIS, RYON (EUGENE)
- A. Violation: Failure to promptly extinguish illegal outdoor burning; outdoor burning when prohibited; outdoor burning of prohibited materials; outdoor burning where prohibited; outdoor burning of construction/demolition waste where prohibited
  - B. Initial Action Taken: NON #3808 issued 02/01/2020
  - C. Subsequent Action: NCP #2020-3808 (\$600) issued 02/14/2020: no response, Default Order Judgment (DOJ) for a lien on the property in process

- D. Resolution: PENDING
9. WOOD, JOSHUA T. (COTTAGE GROVE)
- A. Violation: Outdoor burning when prohibited; outdoor burning of prohibited materials; outdoor burning such as to create a nuisance or hazard to public safety; outdoor burning adjacent to a flammable structure
  - B. Initial Action Taken: NON #3811 issued 02/10/2020
  - C. Subsequent Action: NCP #2020-3811 (\$650) issued 02/14/2020: no response, Default Order Judgment (DOJ) for a lien on the property in process
  - D. Resolution: PENDING
10. LITTEN, ED (VENETA)
- A. Violation: Failure to promptly extinguish illegal outdoor burning; outdoor burning when prohibited; outdoor burning such as to cause a public nuisance; outdoor burning of prohibited materials; outdoor burning of construction/demolition debris without first obtaining a letter permit from LRAPA
  - B. Initial Action Taken: NON #3813 issued 02/20/2020
  - C. Subsequent Action: NCP #2020-3813 (\$2025) issued 03/17/2020: request for hearing - TBA; Settlement proposal offer 5/29/2020 for \$875 with signed SFO, response by 06/22/2020; Default Order Judgment (DOJ) for a lien on the property in process
  - D. Resolution: PENDING

11. CROSMAN, ZACKERY RYAN (EUGENE)

- A. Violation: Outdoor burning such as to create a nuisance outdoor burning of prohibited materials
- B. Initial Action Taken: NON #3815 issued 05/08/2020
- C. Subsequent Action: NCP #2020-3815 (\$700) issued 05/27/2020: no response, Default Order Judgment (DOJ) for a lien on the property in process
- D. Resolution: PENDING

12. JONES, ANTHONY R. (VENETA)

- A. Violation: Failure to promptly extinguish illegal outdoor burning; outdoor burning when prohibited; outdoor burning such as to create a nuisance; outdoor burning of prohibited materials (grass clippings); failure to conduct outdoor burning in an efficient manner
- B. Initial Action Taken: NON #3818 issued 05/15/2020
- C. Subsequent Action: NCP #2020-3818 (\$700) served 06/19/2020; request for hearing scheduled for 11/13/2020
- D. Resolution: PENDING



## ODF Fire Report: Friday, Oct. 2, 2020

### Oregon Activity Summary

ODF is closely tracking 6 major fires in Oregon, down from 17 originally (see table below for details). Fires are removed from the list when they are 100% lined and fire managers are confident in their progress toward containment.

Five of the six major fires still on the landscape have burned 100,000 acres or more in Oregon. One of those massive fires, Lionshead, is the sixth largest fire of the past 100 years in Oregon at 204,367 acres.

For fire season 2020, there have been 886 fires on ODF-protected lands that have burned 543,382 acres. Prior to 2020, the fire season of 1933—which included the first Tillamook Burn—was the worst on record for ODF-protected lands, with the loss of approximately 340,000 acres. Across all lands in Oregon, there have been 1,995 fires for 1,045,536 acres burned.

Remember that fire season isn't over yet, which means backyard burning and other restrictions are still in effect on ODF-protected lands. Check the [public fire restrictions map](#) to see current restrictions for your area.

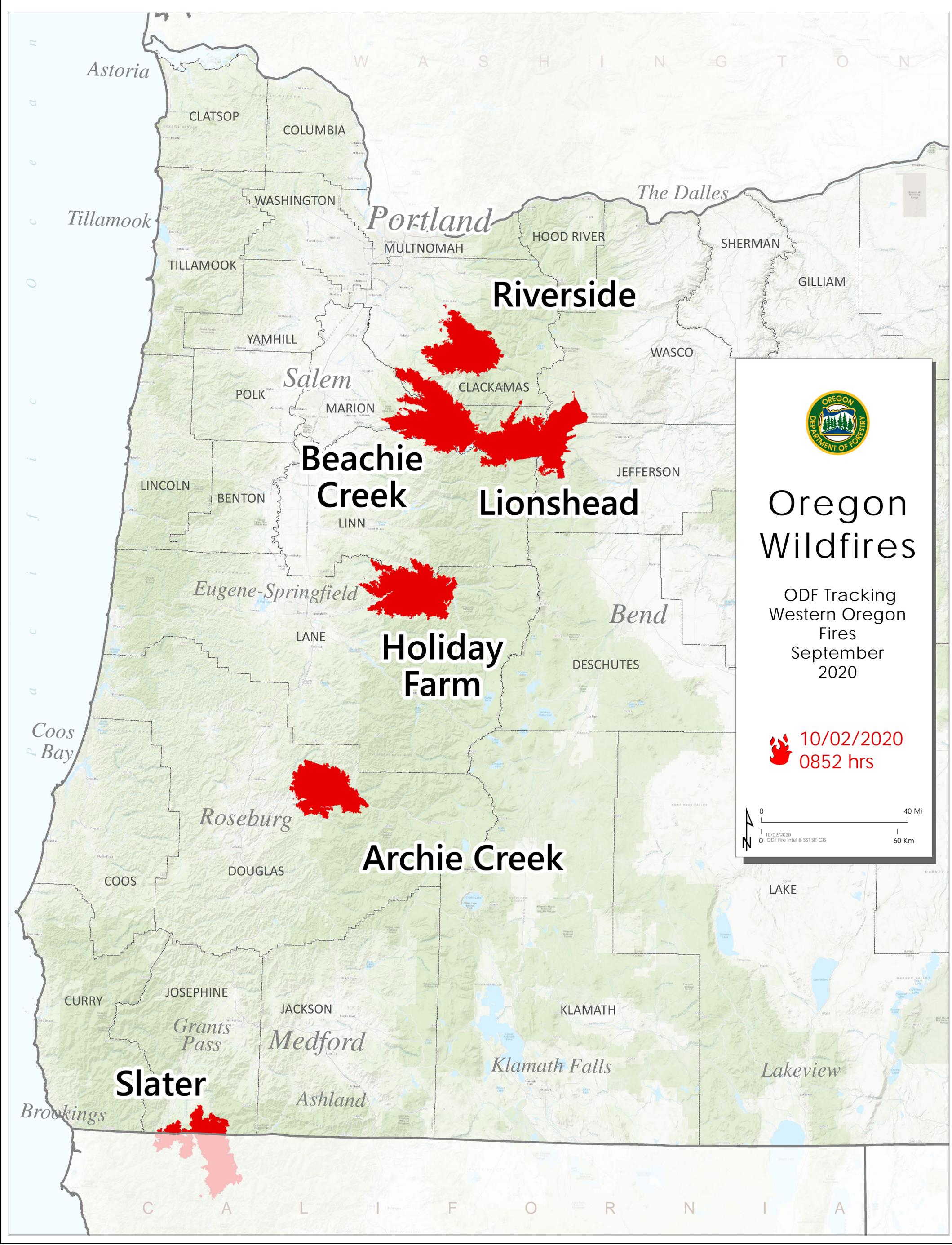
| Fire name     | Acres burned     | Containment | Location                                       |
|---------------|------------------|-------------|--|
| Lionshead     | 204,355          | 37%         | 20 miles W of Warm Springs                     |
| Beachie Creek | 192,848          | 59%         | 15 miles N of Detroit                          |
| Holiday Farm  | 173,094          | 70%         | 3 miles W of McKenzie Bridge                   |
| Riverside     | 138,070          | 45%         | 2 miles SE of Estacada                         |
| Archie Creek  | 131,542          | 79%         | 20 miles E of Glide                            |
| Slater        | 44,495 in Oregon | 50%         | 6 SE of Cave Junction (also in No. California) |

### Closures

Santiam State Forest is still closed to the public. Before heading out to hunt or recreate on other state or federal public lands, please check to see if there are any restrictions or closures due to the recent fires. There are still portions of highways statewide that are closed. Use ODOT's [TripCheck](#) to plan your route.

### More information

- [ODF wildfire blog](#) and [Significant Fire Potential Map](#)
- [Oregon smoke blog](#)
- [Northwest Coordination Center – Regional Update](#) and [National Situation Report](#)
- [Inciweb](#) (information on individual incidents)



# Oregon Wildfires

ODF Tracking  
Western Oregon  
Fires  
September  
2020

 10/02/2020  
0852 hrs





# Worst Wildfire Smoke Impacts on Oregon Air Quality in September 2020

Merlyn Hough, PE, BCEE

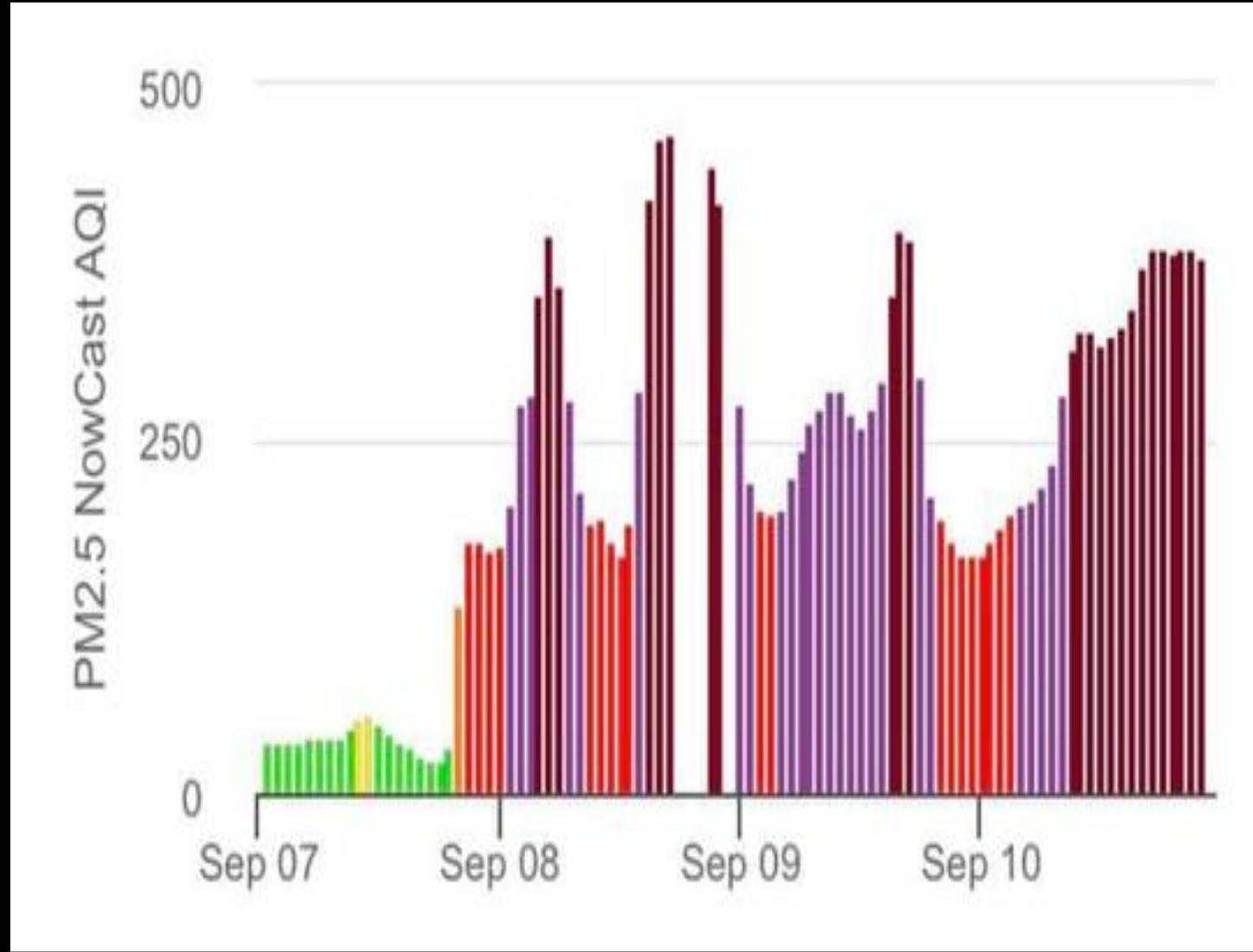
Lane Regional Air Protection Agency



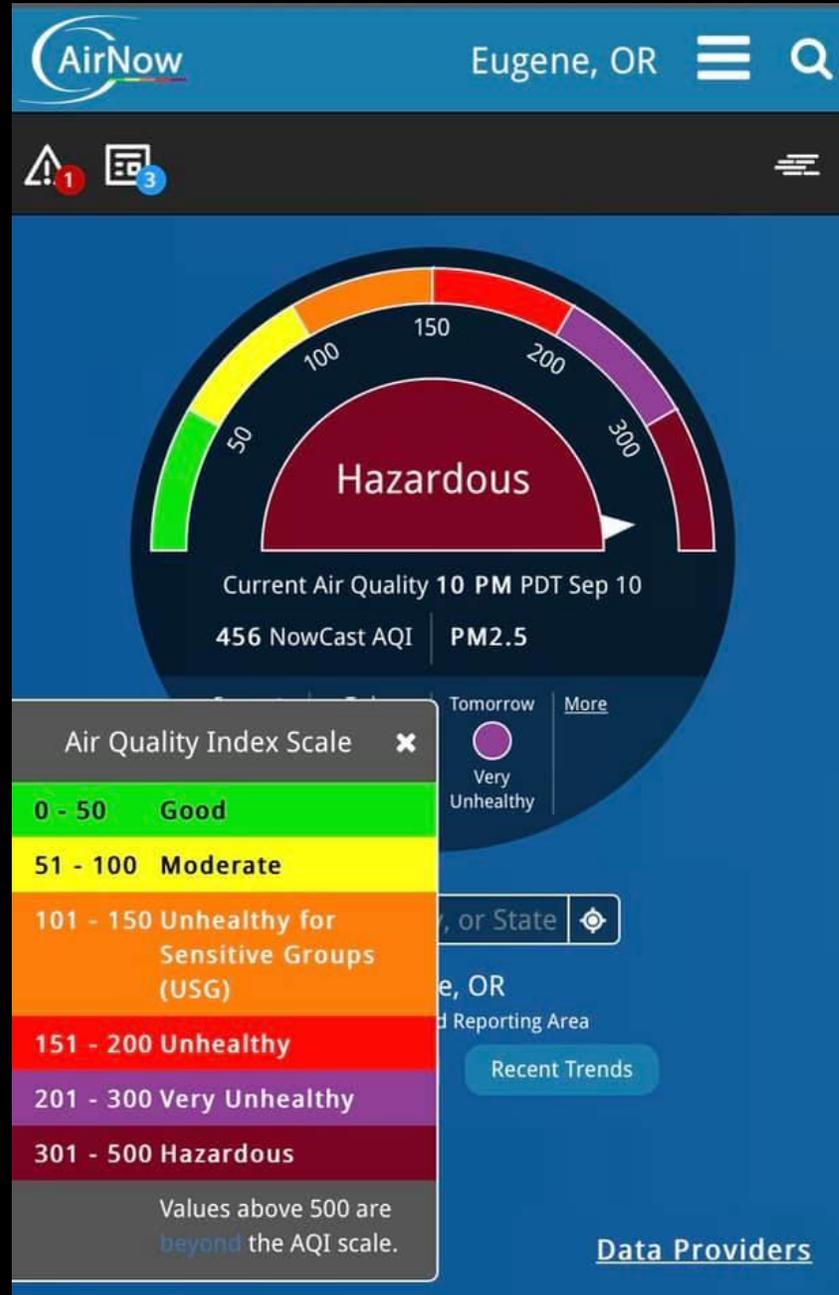
On Labor Day, the Air Quality Index (AQI) in Eugene was Green (“Good”) for most of the day, but wildfire smoke from the Beachie Creek and Lionshead fires steadily increased the AQI in the evening hours to Yellow then Orange, Red, then Purple (“Very Unhealthy”).



By Tuesday morning, September 8, 2020, the AQI in Eugene was Maroon (“Hazardous”) as extreme winds and historically challenging fire conditions fueled multiple wildfires across the region. “The fire weather forecasted is extremely rare and occurs only a few times a century,” said Eric Johnson, Deputy Fire Staff for Northwest Oregon Fire Management.



The AQI was a very valuable educational and advisory tool throughout the wildfire events.



| Air Quality Index (AQI) | Actions to Protect Yourself   |
|-------------------------|---|
| ● Good                  | None  |
| ● Moderate              | Unusually sensitive individuals should consider limiting prolonged or heavy exertion.     |
| ● USG                   | People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion. |
| ● Unhealthy             | People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.        |
| ● Very Unhealthy        | Everyone should avoid prolonged or heavy exertion.  |
| ● Hazardous             | Everyone should avoid any outdoor activity.   |



Sports and other activities were already severely restricted by COVID concerns, but this public health guidance reminded everyone of the activity cautions at increasing AQI levels.

## Public Health Guidance: School Outdoor Activities During Wildfire Events

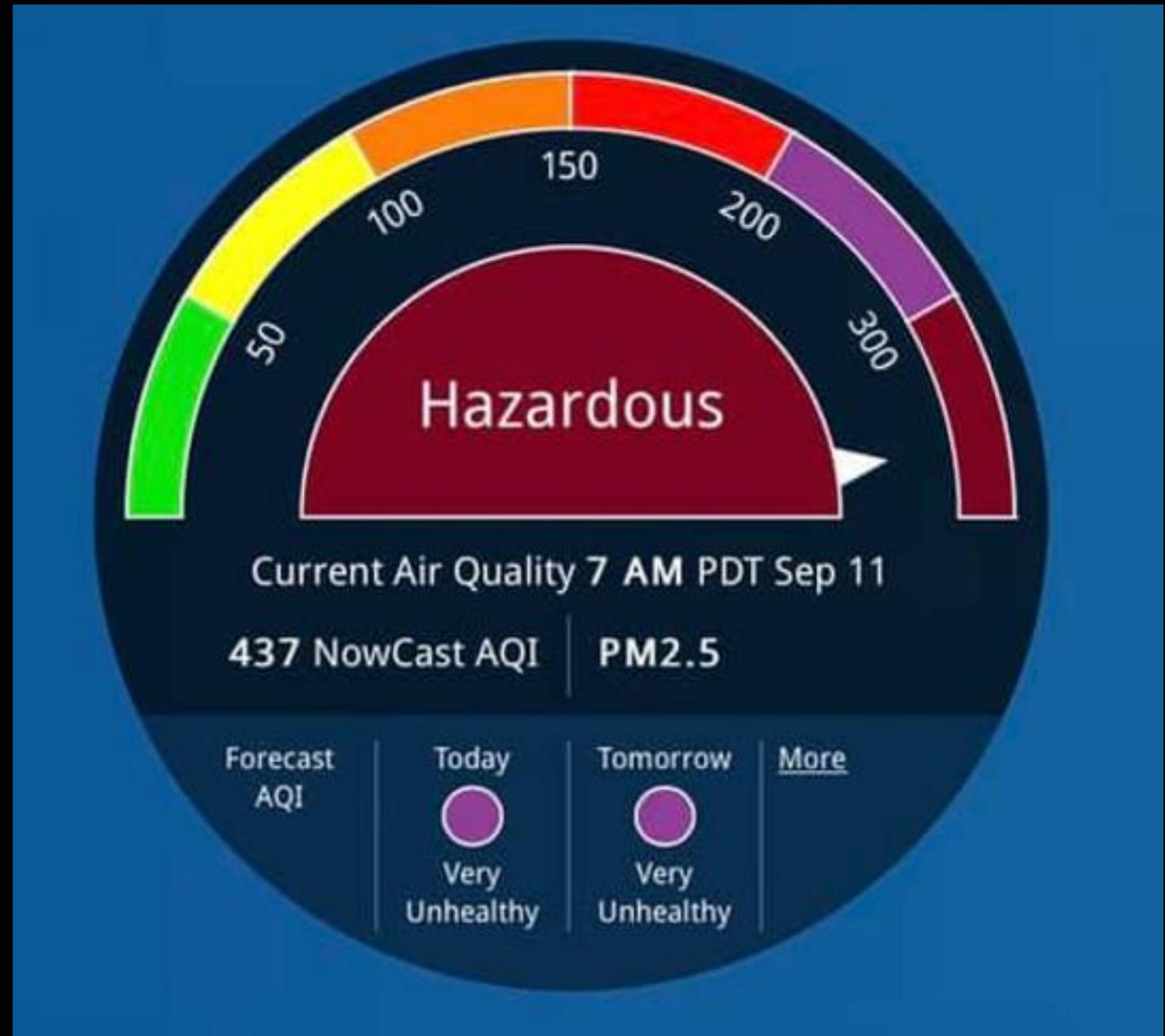
Check the local Air Quality Index (AQI) online (<http://www.deq.state.or.us/aqi/>) and do a visual inspection outside.\* Compare the AQI and visibility test to determine the air conditions in your community. Then, use the guide below to determine activity level for your students.\*\*

| Air Quality Index              | Visibility Scale | Recess (15 min)  | P.E. (1 hr)   | Athletic events and practices (2–3 hrs)   |
|--------------------------------|------------------|--|---|---|
| Good                           | Over 5 miles     | Great day to be active outdoors!   | Great day to be active outdoors!  | Great day to be active outdoors!  |
| Moderate                       | 5–15 miles       | It is a good day for students to be active outside. <ul style="list-style-type: none"> <li>• Watch students who are unusually sensitive to air pollution for symptoms of shortness of breath or coughing.</li> </ul> | <ul style="list-style-type: none"> <li>• Watch students who are unusually sensitive to air pollution.</li> <li>• Look for symptoms of shortness of breath or coughing.</li> <li>• Monitor symptoms and reduce or cease activity if symptoms arise.</li> </ul>   | <ul style="list-style-type: none"> <li>• Watch students who are unusually sensitive to air pollution.</li> <li>• Look for symptoms of shortness of breath or coughing.</li> <li>• Increase rest periods and make substitutions for these students as needed.</li> <li>• Monitor symptoms and reduce or cease activity if symptoms arise.</li> </ul>     |
| Unhealthy for sensitive groups | 3–5 miles        | It is an OK day for students to be active outside. <ul style="list-style-type: none"> <li>• Allow students who are unusually sensitive to air pollution to stay indoors if they'd like.</li> </ul>                   | <ul style="list-style-type: none"> <li>• Move activities indoors for students sensitive to air pollution.</li> <li>• Limit other students to light outdoor activities or move the activities indoors.</li> <li>• Increase rest periods and make substitutions.</li> <li>• Monitor symptoms and reduce or cease activities if symptoms arise.</li> </ul> | <ul style="list-style-type: none"> <li>• Move activities indoors for students sensitive to air pollution.</li> <li>• Limit other students to light outdoor activities or move the activities indoors.</li> <li>• Increase rest periods and make substitutions.</li> <li>• Monitor symptoms and reduce or cease activities if symptoms arise.</li> </ul> |
| Unhealthy                      | 1–3 miles        | <ul style="list-style-type: none"> <li>• Consider keeping all students indoors or allowing only light outdoor activity.</li> <li>• Move activities indoors for students sensitive to air pollution.</li> </ul>       | <ul style="list-style-type: none"> <li>• Move activities indoors for students sensitive to air pollution.</li> <li>• Consider moving all activities indoors.</li> <li>• Limit all students to light activities.</li> <li>• Increase rest periods and make substitutions.</li> </ul>   | Consider any of the following: <ul style="list-style-type: none"> <li>• Cancel the event.</li> <li>• Move the event indoors.</li> <li>• Postpone the event.</li> <li>• Move the event to an area with "good" air quality.</li> </ul>  |
| Very unhealthy/hazardous       | 1 mile or less   | Keep all students indoors.   | <ul style="list-style-type: none"> <li>• Move all activities indoors.</li> <li>• Limit all students to light activities.</li> <li>• Increase rest periods and make substitutions.</li> </ul>  | Do any of the following: <ul style="list-style-type: none"> <li>• Cancel the event.</li> <li>• Move the event indoors.</li> <li>• Postpone the event.</li> <li>• Move the event to an area with "good" air quality.</li> </ul>  |

\* If you get conflicting results when you compare the AQI to your visual inspection, err on the side of caution. Follow the recommendations for the worse of the two assessments.

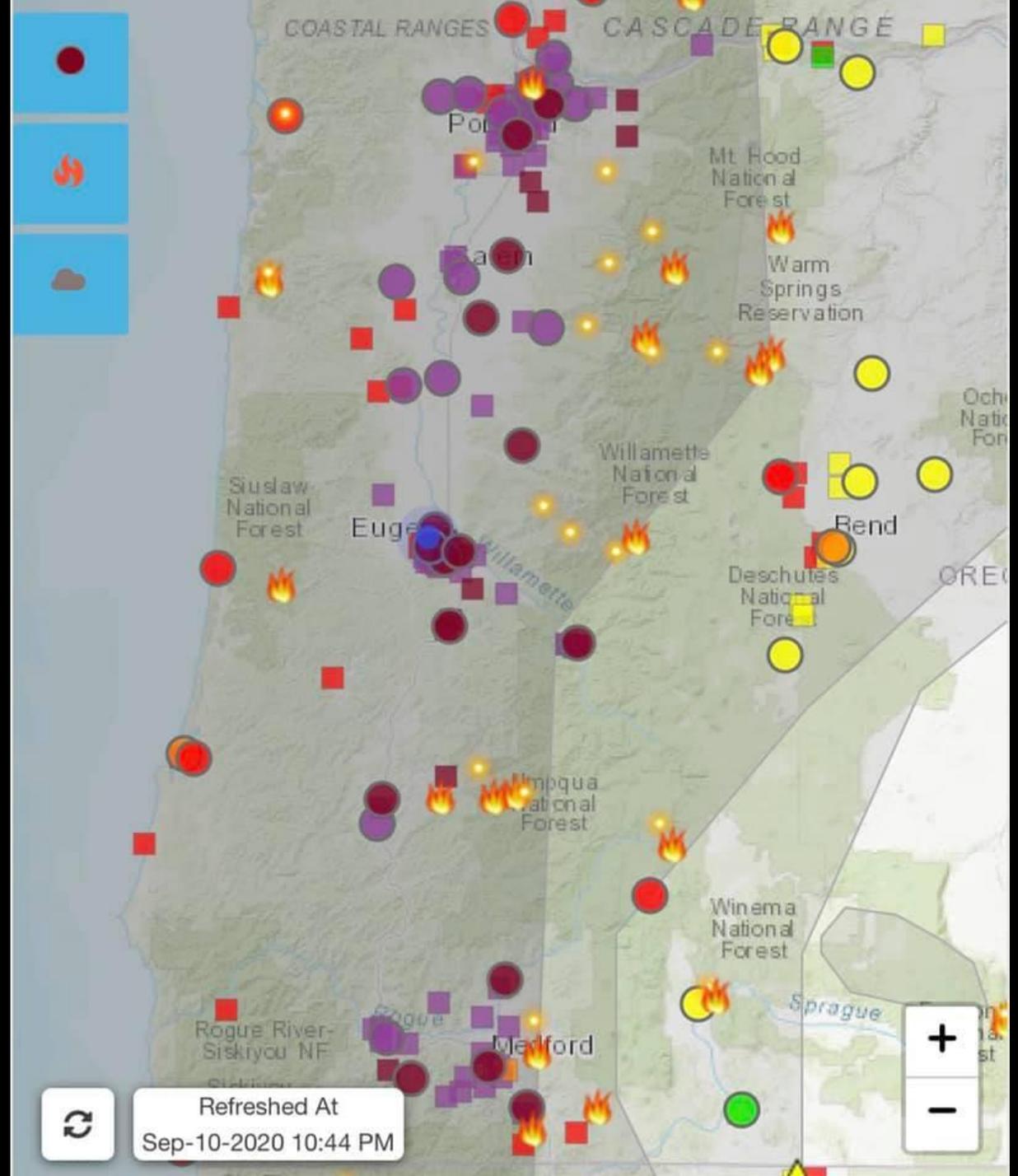
\*\*Students with asthma action plans should follow them closely. They should monitor their breathing and exposure to wildfire smoke. Anyone experiencing symptoms should contact a health care provider for further advice. They should call 911 in an emergency.

By Thursday, the AQI was Hazardous throughout the Willamette Valley. Deadly windblown wildfires raging across Oregon (and throughout the Pacific Northwest) destroyed hundred of homes, and Oregon Governor Kate Brown warned, “This could be the greatest loss of human life and property due to wildfire in our state’s history.”

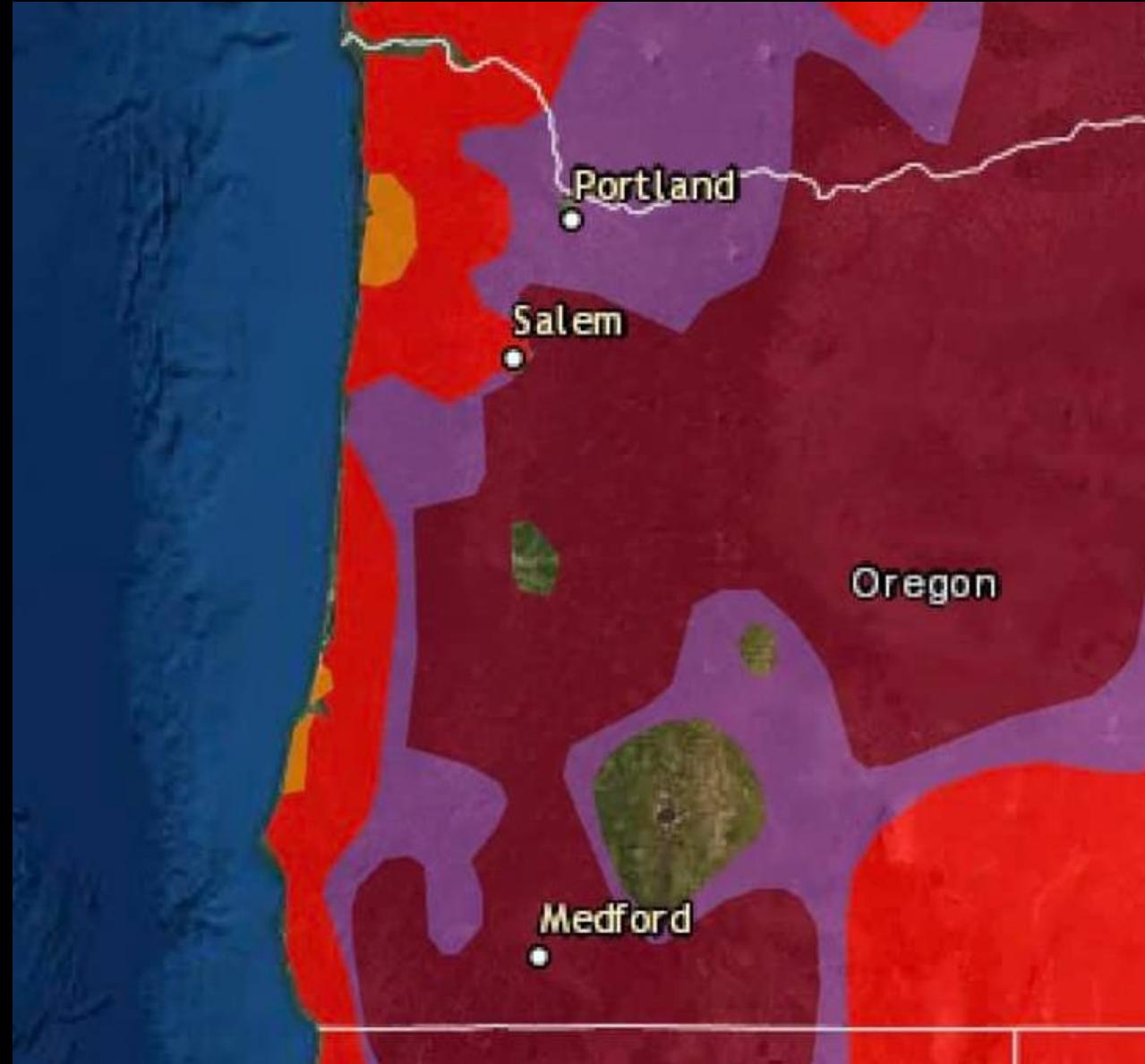


Western Oregon: In one week, over one million acres were burned. This was over twice the acreage burned in a typical year in Oregon.

This screenshot from [fire.airfire.gov](https://fire.airfire.gov) shows active wildfires, hotspots from satellite detections, permanent air monitors, and low-cost air sensors.



On Saturday, September 12, 2020, the Air Quality Advisory was extended to the entire State of Oregon, with Hazardous smoke levels expanding into much of Central Oregon. Governor Kate Brown said more than 40,000 Oregonians have been evacuated and about 500,000 (of the 4.2 million residents in Oregon) are in different levels of evacuation zones. (Level 1 is Get Ready, Level 2 is Get Set, Level 3 Evacuation Zones are GO NOW!)



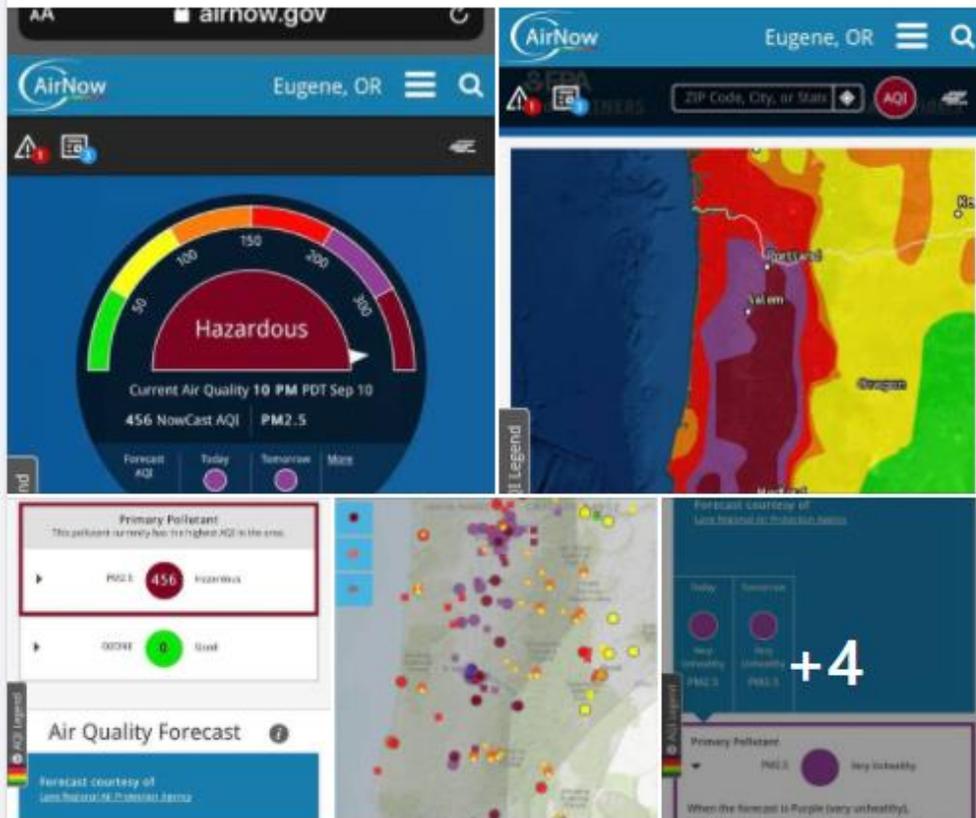
Here are a few examples of social media updates through the wildfire events. Many views, reactions, comments, and shares.

**Merlyn Hough is in Eugene, Oregon.**  
September 10 at 11:03 PM · 🌐

It will take a few days for the Willamette Valley to see much improvement in smoke concentrations. Some slow improvement in the coastal areas as the light winds have a more westerly component, but the wildfires sent smoke hundreds of miles out over the Pacific in the past few days and some of that smoke will be returning with the westerly flows.

For updates, see:  
- [airnow.gov](https://airnow.gov)  
- [fire.airnow.gov](https://fire.airnow.gov)

Please note the continuing cautions. Keep safe.



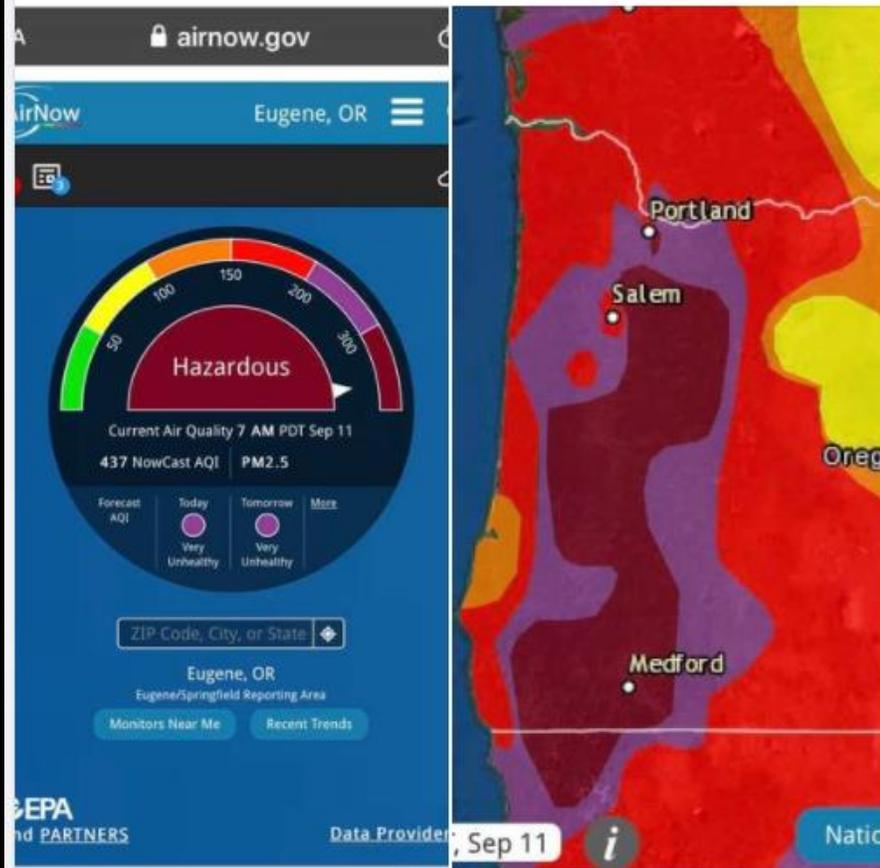
👍👎👨👉 30      4 Comments 2 Shares

**Merlyn Hough is in Eugene, Oregon.**  
September 11 at 7:54 AM · 🌐

Conditions similar this morning to last night. It will take a few days for the Willamette Valley to see much improvement in smoke concentrations. Some SLOW improvement in the coastal areas as the light winds have a more westerly component, but the wildfires sent smoke hundreds of miles out over the Pacific in the past few days and some of that smoke will be returning with the westerly flows.

For updates, see:  
- [airnow.gov](https://airnow.gov)  
- [fire.airnow.gov](https://fire.airnow.gov)

Please continue to follow the cautions and stay safe.



👍👎👨👉 10      1 Comment 2 Shares

Air quality has dramatically improved in most parts of western Oregon in recent days.

But fires continue, areas close to the fires continue to be impacted, and diurnal air movements still bring residual smoke into many areas overnight.

Merlyn Hough is in Eugene, Oregon. 4d · 🌐

Lots of Green! I like Green even more than Yellow. Good air quality is better than Moderate air quality.



The screenshot shows the AirNow website interface. At the top, it says 'airnow.gov' and 'Eugene, OR'. A large gauge indicates the current air quality is 'Good' (green). Below the gauge, it says 'Current Air Quality 7 PM PDT Sep 18' and '28 NowCast AQI | PM2.5'. To the right is a map of Oregon with color-coded air quality zones. A legend at the bottom right explains the Air Quality Index (AQI) categories and corresponding actions to protect oneself.

| Air Quality Index (AQI) | Actions to Protect Yourself   |
|-------------------------|---|
| Good (Green)            | None  |
| Moderate (Yellow)       | Unusually sensitive individuals should consider limiting prolonged or heavy exertion.     |
| USG (Orange)            | People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion. |
| Unhealthy (Red)         | People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.        |
| Very Unhealthy (Purple) | Everyone should avoid prolonged or heavy  |



The screenshot shows the PurpleAir website interface. It features a map of Eugene, OR, with several green dots indicating good air quality. The map also shows the city of Springfield.

Recent Observations:

| NowCast AQI | Concentration     |
|-------------|-------------------|
| 900         | PM2.5 (microg/m3) |
| 200         |                   |
| 0           |                   |

Sep 15 Sep 16 Sep 17 Sep 18

Cleanup efforts are beginning, which require many other cautions.



**LRAPA**  
Lane Regional Air Protection Agency

## WILDFIRE ASH CLEANUP

### Protect Yourself From Ash

Protect yourself from harmful ash when you clean up after a wildfire. Cleanup work can expose you to ash and other products of the fire that may irritate your eyes, nose, or skin and cause coughing and other health effects. Ash inhaled deeply into lungs may cause asthma attacks and make it difficult to breathe.

→ Avoid direct contact with ash. If you get ash on your skin, in your eyes, or in your mouth, wash it off as soon as you can.

→ Children should not be nearby during ash cleanup. Do not allow children to play in the ash. Clean ash off all children's toys before use. Clean ash off pets and other animals. Keep pets away from contaminated sites.

→ Do not consume any food, beverages, or medications exposed to smoke, ash, heat, pressure or chemicals.



### Recommended Actions



**DO NOT USE LEAF BLOWERS:** Leaf blowers move fine particles around and return them to the air, creating additional health concerns. Do not use them for ash cleanup under any circumstance.

**Alternatives to leaf blowers include:** Sweep gently with a push broom, then hose lightly with water. Take care to conserve water. Ash can be bagged and put into trash cans. Using a shop vacuum equipped with a high-efficiency particulate filter (HEPA) and a disposable filter bag.

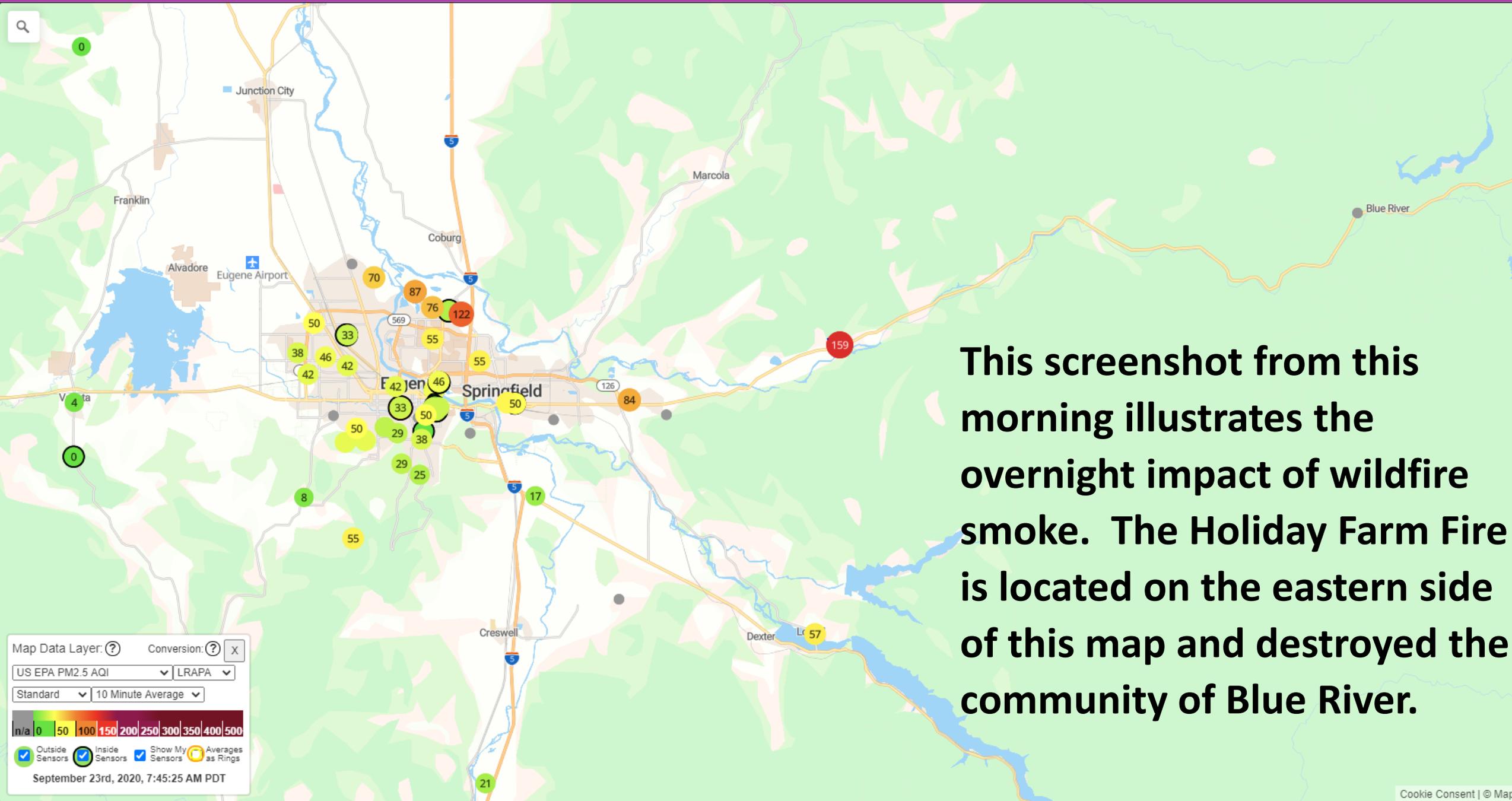
**Cleanup:** Avoid stirring up or sifting through ash as much as you can. Avoid actions that kick ash particles up into the air, such as vigorous dry sweeping. Before sweeping indoor and outdoor hard surfaces, mist them with water to keep dust down. Follow with wet mopping. Use a damp cloth or wet mop on lightly dusted areas. When you wet down ash, use as little water as you can.

**Vacuum:** Use a high-efficiency particulate air (HEPA)-type vacuum to clean dusty surfaces. Don't use a typical household vacuum or a shop vacuum without a HEPA filter. They will send the collected dust or ash out into the air. Don't use leaf blowers or do anything else that will put ash into the air.

**Disposal:** Collected ash may be disposed of in the regular trash. Ash should be stored in plastic bags or other containers to prevent it from being stirred up. If you suspect hazardous waste, including asbestos, is present, contact your local hazardous waste authorities regarding appropriate disposal. Do not wash ash into storm drains.

For more information visit: [LRAPA.org/324/Ash-Cleanup](http://LRAPA.org/324/Ash-Cleanup)

Or call: 541-736-1056



**This screenshot from this morning illustrates the overnight impact of wildfire smoke. The Holiday Farm Fire is located on the eastern side of this map and destroyed the community of Blue River.**

For updates, some of my favorite websites are:

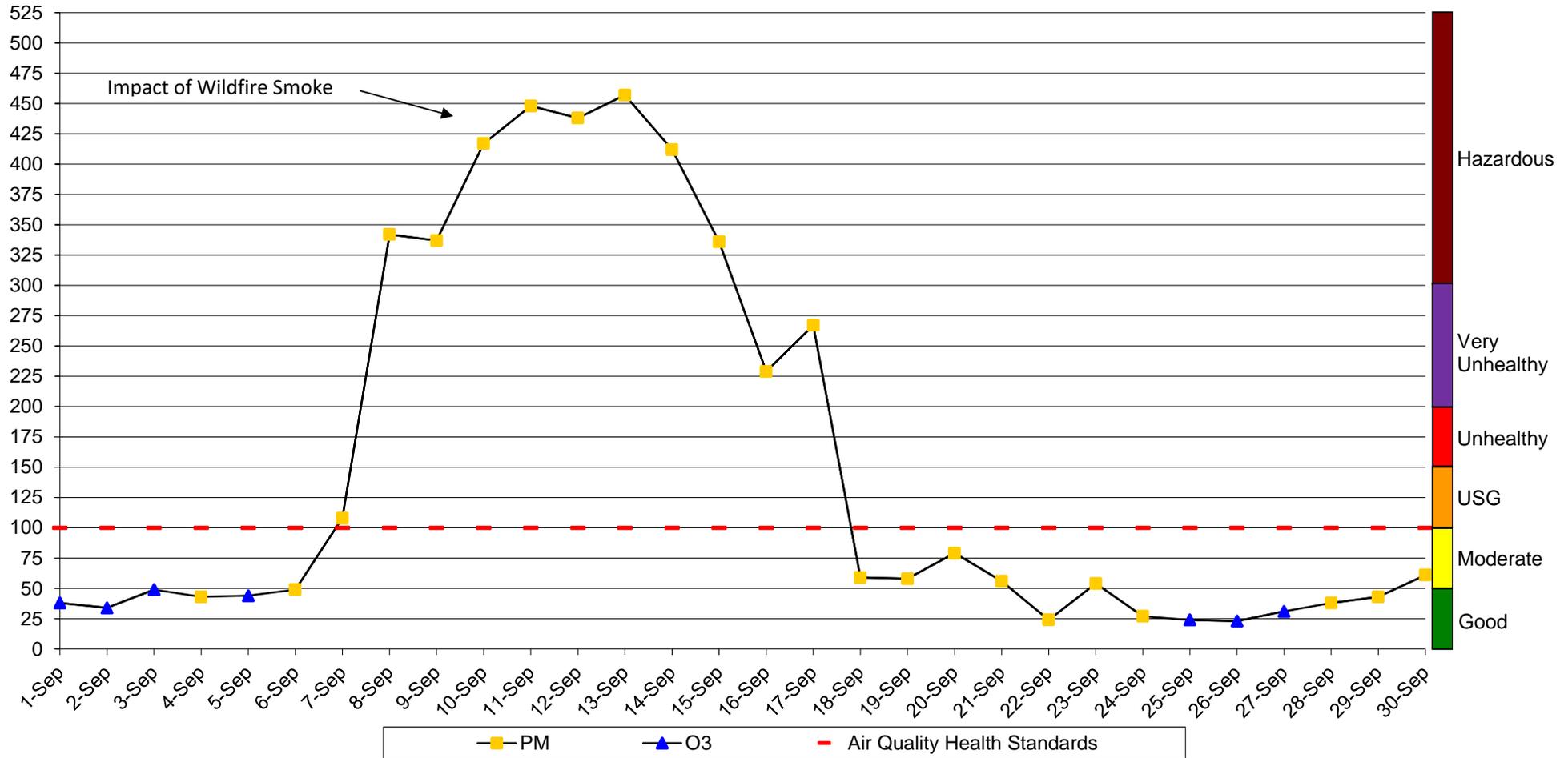
- [airnow.gov](http://airnow.gov)
- [fire.airnow.gov](http://fire.airnow.gov)
- [fire.airfire.org](http://fire.airfire.org)
- [purpleair.com](http://purpleair.com)



1010 Main Street  
Springfield, OR 97477  
541-736-1056  
[www.lrapa.org](http://www.lrapa.org)

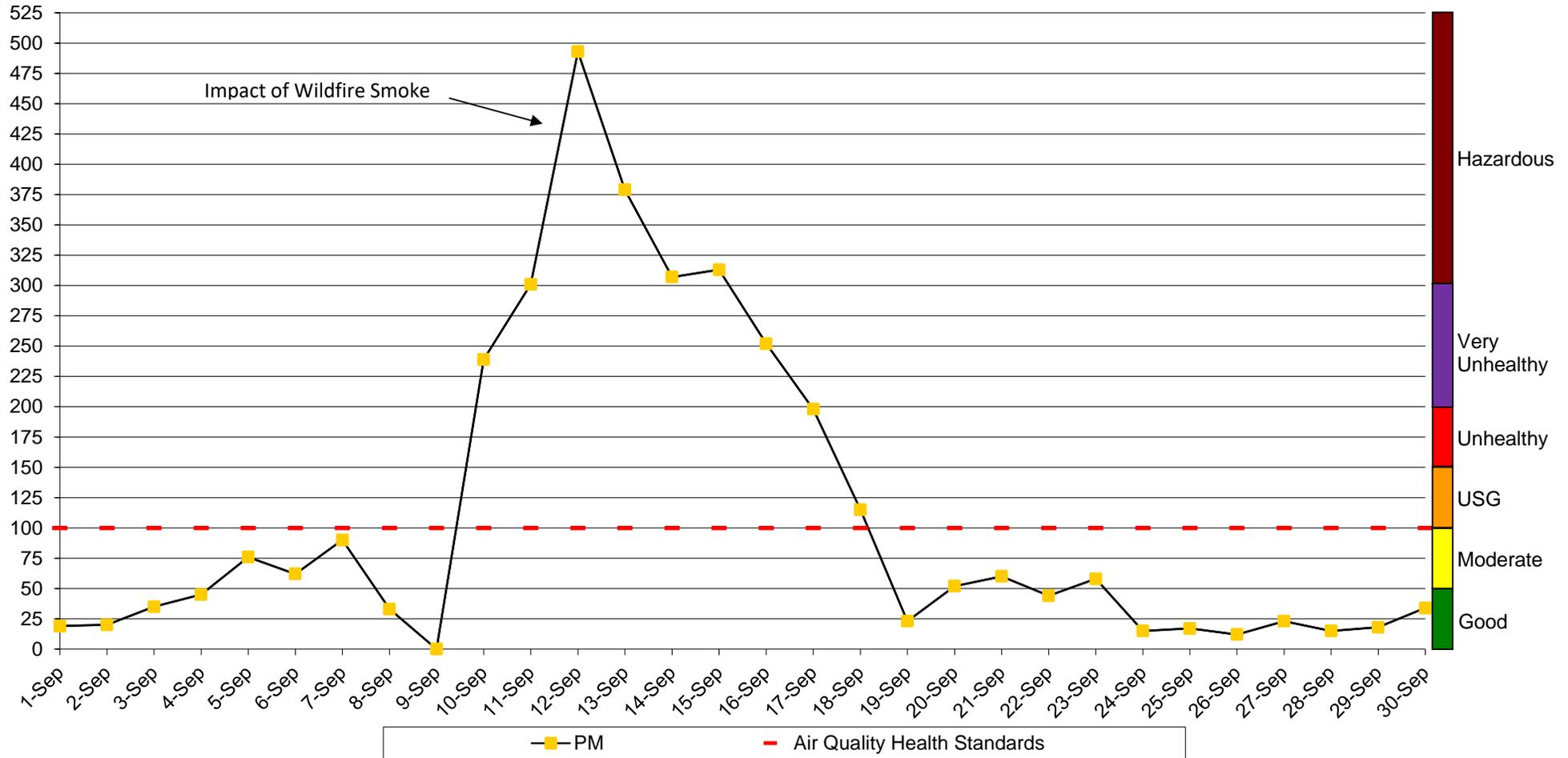
# Air Quality Index Chart - Eugene/Springfield

AQI Levels during September 2020 wildfires



# Air Quality Index Chart - Oakridge

AQI Levels during September 2020 wildfires



# Air Quality Index Chart - Cottage Grove

AQI Levels during September 2020 wildfires

