

Episode 56FZ July 12, 2023. Maine PM2.5 monitor locations & 10 Attorney Generals suing the E P A to provide “certainty” to the wood stove industry.

11)Maine

Maine is not one of the states suing the E P A to gain “certainty” about the future of indoor residential wood stoves, to reassure indoor residential wood stove vendors about the marketability of their product. But Maine is the state with the second highest percentage of residents owning indoor wood stoves, second only to Vermont, which has the greatest percentage of residents owning indoor wood stoves, among U S states.

Excerpts from Wikipedia edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

11)The Maine Attorney General is a Democrat, Aaron Frey.

Aaron M. Frey (born c. 1978) is an American lawyer and politician serving as the 58th [Attorney General](#) of [Maine](#) since 2019. He formerly served as a [Democratic](#) representative in the [Maine House of Representatives](#). He is currently being investigated by his own party for a sexual relationship with a married direct subordinate as well as his handling of disclosure. Frey was born and raised in [Dixmont](#), Maine. Frey attended [Saint Anselm College](#), and graduated from Saint Anselm with a [Bachelor's degree](#) in politics, and later received a [Juris Doctor](#) degree from [Roger Williams University School of Law](#). He later started a law firm in Bangor. In 2012 he was elected to the Maine House of Representatives. From December 2014 until his resignation, he represented the 124th district, which includes parts of Bangor and [Orono](#). In December 2018, Democrats in the Maine Legislature chose Frey as their nominee for Maine Attorney General. He succeeded [Janet Mills](#) as Maine Attorney General, and Janet Mills was elected [Governor of Maine](#). Upon taking office, Frey stated that he would consider involving Maine in multi-state lawsuits against pharmaceutical companies. He later joined a lawsuit accusing drug manufacturers of price inflation. In February 2019, Frey became one of sixteen state attorneys general to join a lawsuit against the [Trump administration](#) over [President Trump's](#) decision to declare a [national emergency](#). The emergency declaration was made to allow the President to allocate funding for a wall on the [United States-Mexico border](#). In April 2023, Frey announced that he was in a romantic relationship with an employee under his direct supervision in the [Attorney General's Office](#) and called it "an error in judgment" to not reassign the employee to a new supervisor. In an email to office staff, Frey identified the employee as an Assistant Attorney General and disclosed that the relationship had begun in August 2022. The revelation was made after the [Bangor Daily News](#) began investigating tips about Frey's relationship.

Within Maine’s borders, as of, 7/12/2023, there are only 9 or so \$100,000 or more E P A “regulatory” PM2.5 monitors (the first at Acadia NP – McFarland, the second Bangor MSS, the third at Lewiston, the fourth at Micmac, the fifth at Portland – Deering Oaks, the sixth at Portland – Tukey’s Bridge, the seventh at Presque Isle Riverside, the eighth at Rumford, and the ninth at Sipayik, Maine) and much more than 9 PurpleAir PM2.5 monitors on the Maine Airnow Map of Smoke and Fire (PurpleAir PM2.5 monitors are low-cost, around \$249 laser monitors usually owned by near neighbors of indoor residential wood burners) side by side on U S E P A AirNow Maps of Smoke and Fire. Official E P A PM2.5 monitors are round circles on the map and PurpleAir PM2.5 monitors are small squares on the map. For instance Portland, Maine has two official E P A PM2.5 monitors and 5 visible PurpleAir PM2.5 monitors around the Portland Maine area.

The following 4 landmarks (11-1 to 11-4)are used by RAWSEP to orient readers to the map of Maine. Madawaska is farthest north, Eastport is farthest east, Jackman is farthest west central and Kittery is farthest south.

11-1)Madawaska, Maine is the Northernmost Municipality on a Road Map of Maine.

Madawaska is a [town](#) in [Aroostook County, Maine](#), United States. The population was 3,867 at the [2020 census](#).^[2] Madawaska is opposite [Edmundston, Madawaska County](#) in [New Brunswick](#), Canada, to which it is connected by the [Edmundston–Madawaska Bridge](#) over the [Saint John River](#). The majority of its residents speak [French](#); 83.4% of the population speak French at home.

11-22)Eastport, Maine is the Easternmost located Municipality on a Road Map of Maine

Eastport is a [city](#) and [archipelago](#) in [Washington County, Maine](#), United States. The population was 1,288 at the [2020 census](#), making Eastport the least-populous city in Maine.^[2] The principal island is [Moose Island](#), which is connected to the mainland by a [causeway](#). Eastport is the easternmost city in the continental United States (although the nearby town of [Lubec](#) is the easternmost [municipality](#)).

11-3)Jackman, Maine is the Westernmost Centrally Located Municipality on a Road Map of Maine

Jackman is a town in [Somerset County, Maine](#), United States. The population was 782 at the [2020 census](#).

11-4) Kittery, Maine is the Southernmost Municipality on a Road Map of Maine.

Kittery is a town in [York County, Maine](#), United States. Home to the [Portsmouth Naval Shipyard](#) on [Seavey's Island](#), Kittery includes [Badger's Island](#), the seaside district of [Kittery Point](#), and part of the [Isles of Shoals](#). The southernmost town in the state, it is a tourist destination known for its many [outlet stores](#). Kittery is part of the [Portland–South Portland–Biddeford](#), Maine [metropolitan statistical area](#). The town's population was 10,070 at the [2020 census](#).

Of the 10 states suing the E P A over the wood stove certification program, 9 tenths have Democratic Attorneys General, one tenth has a Republican Attorney General (Alaska)

Maybe conservative media are right that the 10 states suing the E P A to set new standards for wood stove certification are mostly “blue”. Alaska and Vermont are the only states among the 10 with Republican Governors. Alaska is the only state among the 10 with a Republican Attorney General. (The states suing are Alaska, Illinois, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Vermont, and Washington, as well as the Puget Sound Clean Air Agency).
Excerpts from Wikipedia edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

1)The Alaska Attorney General is a Republican, Treg Taylor.

Tregarrick R. Taylor (Treg Taylor) is an American attorney and politician serving as the [Alaska attorney general](#). He assumed office in an acting capacity on January 30, 2021, succeeding [Ed Sniffen](#), who resigned after being appointed to the position two weeks before.

2)The Illinois Attorney General is a Democrat, Kwame Raoul.

Kwame Raoul (born September 30, 1964) is an American lawyer and politician who has been the [Attorney General of Illinois](#) since [2019](#). Raoul represented the 13th district in the [Illinois Senate](#) from 2004 to 2019. Initially appointed to fill the seat vacated by [Barack Obama](#) when Obama was elected to the [U.S. Senate](#) in 2004, Raoul won subsequent election and reelection. He served as Chair of the Senate Judiciary Committee, Vice Chair of the Senate Criminal Law Committee, and as a member of the Executive, Gaming, Insurance and Public Health Committees.

3)The Maryland Attorney General is a Democrat, Anthony G. Brown.

Anthony Gregory Brown (born November 21, 1961) is an American lawyer and politician serving as the [attorney general of Maryland](#). He also served as the [U.S. representative](#) for [Maryland's 4th congressional district](#) from 2017 to 2023. His district covered most of the majority-black precincts in [Prince George's County](#), as well as a sliver of [Anne Arundel County](#). He was elected to the lieutenant governorship in [2006](#) on the Democratic ticket with [Governor Martin O'Malley](#); both were re-elected in [2010](#). In [2014](#), Brown ran unsuccessfully for the governorship. In October 2021, Brown announced that he would not seek reelection to the U.S. House in [2022](#) and would instead [run](#) for [attorney general of Maryland](#). won the general election on November 8, 2022, becoming Maryland's first Black attorney general.

He is a retired [colonel](#) in the [United States Army Reserve](#), having served in the U.S. Army for over thirty years. While lieutenant governor, Brown was the highest-ranking elected official in the nation to have served a tour of duty in Iraq.

4b) The Massachusetts Attorney General is a Democrat, Andrea Campbell.

Andrea Joy Campbell (born June 11, 1982) is an American lawyer and politician who is serving as the [attorney general of Massachusetts](#). She is also a former member of the [Boston City Council](#). In [2022](#), Campbell was elected to serve as the [attorney general of Massachusetts](#). Campbell was the first black woman to qualify for the ballot in a statewide election in Massachusetts . Campbell won the general election by a large margin. In January 2023, she was sworn-in as attorney general, becoming the first black woman to hold the office and only the second black person to hold it, preceded only by [Edward Brooke](#). Campbell is regarded to be a political [progressive](#). Campbell and her siblings spent much of their childhood in [foster care](#) and living with a variety of relatives after their father was given an eight-year prison sentence and their mother was killed in a [car accident](#) shortly after Campbell's birth. While Campbell found a path to attend [Princeton University](#) and find political success, her two brother's both found themselves spending time in prison, with twin brother dying in state custody at the age of 29.

5)The Minnesota Attorney General is a Democratic-Farmer-Labor Party (DFL), which opposes Republican candidates.

Keith Maurice Ellison (born August 4, 1963) is an American politician and lawyer serving as the [attorney general of Minnesota](#). Ellison was the [U.S. representative](#) for [Minnesota's 5th congressional district](#) from 2007 to 2019. In Congress, Ellison built a reputation as a [progressive](#) leader. Born and raised in [Detroit, Michigan](#), Ellison moved to Minnesota for law school. In the U S Congress, Ellison's district included [Minneapolis](#), the state's largest city, and its inner-ring suburbs. In Congress, Ellison was a vice-chair of the [Congressional Progressive Caucus](#) . He also sat on the [House Committee on Financial Services](#). Ellison was the first [Muslim](#) elected to [Congress](#) and the first [African American](#) representative from [Minnesota](#). After his successful [run for Minnesota attorney general](#) Ellison became the

first African American elected to partisan statewide office in [Minnesota](#), as well as the first Muslim in the U.S. to win statewide office. He was reelected in [2022](#).

6)The New Jersey Attorney General is a Democrat, Matthew Platkin.

Matthew J. Platkin (born in 1986 or 1987) is an American attorney serving as the [Attorney General](#) of the State of [New Jersey](#). A resident of [Montclair, New Jersey](#), Platkin was raised in [Florham Park, New Jersey](#) and [Morristown, New Jersey](#). He earned his undergraduate degree from [Stanford University](#) and earned a [Juris Doctor](#) from [Stanford Law School](#). He started his career with the [Brookings Institution](#), advising Congress on economic recovery after the [2008 financial crisis](#). Platkin served as Chief Counsel to Governor Murphy from January 2018 to October 2020. During the [COVID-19 pandemic](#), he drafted executive orders and workforce policies for state government employees. He took a leave during January 2020 to serve as Senator [Cory Booker](#)'s special counsel during the [first impeachment of Donald Trump](#). On February 3, 2022, Governor [Phil Murphy](#) announced that he was appointing Platkin to serve as Acting Attorney General. Platkin assumed office on February 14, 2022, succeeding [Andrew Bruck](#) as Acting Attorney General. He assumed the position in full on September 29, 2022, after the confirmation of his appointment by the New Jersey State Senate.

7)The New York Attorney General is a Democrat, Letitia James.

Letitia Ann James (born October 18, 1958) is an American lawyer and politician. She is the current [Attorney General of New York](#) (NYAG), having won the [2018 election](#). James is the first [African American](#) and first woman to be elected to the position. Born and raised in [Brooklyn](#), James graduated from [Lehman College](#) in [The Bronx](#) before obtaining her [Juris Doctor](#) degree at [Howard University](#) in [Washington, D.C.](#) She worked as a [public defender](#), then on staff in the [New York State Assembly](#). James served as a member of the [New York City Council](#) from 2004 to 2013. She represented the [35th district](#), which includes the Brooklyn neighborhoods of [Clinton Hill](#), [Fort Greene](#), parts of [Crown Heights](#), [Prospect Heights](#), and [Bedford–Stuyvesant](#). James chaired the committees on economic development and sanitation. From 2013 to 2018, she was the [New York City Public Advocate](#), making her the first African-American woman to be elected to and hold citywide office in New York City.

8)The Oregon Attorney General is a Democrat, Ellen F. Rosenblum.

Ellen F. Rosenblum (born January 6, 1951) is an [American lawyer](#) and [politician](#) who has served as the [Oregon Attorney General](#) since 2012. She is the first female [state attorney general](#) in [Oregon](#)'s history. Rosenblum was born in [Berkeley, California](#). The family moved to [Evanston, Illinois](#). Ellen Rosenblum attended [Scripps College](#) before earning her undergraduate degree from the [University of Oregon](#) in 1971, where she also earned a [J.D.](#) degree in 1975. In 1975, Rosenblum became an associate at a [Eugene](#) Oregon law firm and later became a partner. In 1980, she became an Assistant [U.S. Attorney for the District of Oregon](#), specializing in financial crimes. Rosenblum retired as a judge in May 2011. In January 2012 Rosenblum started her campaign for the Democratic nomination for Oregon Attorney General. Her Democratic primary opponent criticized the [Oregon Medical Marijuana Act](#), and Rosenblum gained the support of [Oregon marijuana legalization](#) supporters by pledging to "make marijuana enforcement a low priority, and protect the rights of [medical marijuana](#) patients." In the [May Democratic primary](#), she went on to defeated her opponent by nearly 30 percentage points to move on to the general election. In 2012, then Oregon Attorney General Kroger announced his resignation effective June 29, 2012 to become President of [Reed College](#), and [Governor John Kitzhaber](#) named Rosenblum to replace Kroger effective that same day. Rosenblum became Oregon's first female Attorney General. She served in the appointed position until January and won the [general election in November](#) for a full term. Rosenblum was re-elected to another term as Attorney General in [November 2016](#). In July 2020, Rosenblum filed a lawsuit against the federal government, accusing it of unlawfully detaining protesters, after footage emerged of agents in unmarked vehicles (but not unmarked police officers) appearing to forcefully seize protesters.

9)The Vermont Attorney General is a Democrat, Charity Rae Clark, who was profiled briefly in Episode 56FY.

Charity Rae Clark was born in [Springfield, Vermont](#) on July 15, 1975. She was raised in [Manchester, Vermont](#) and resides in [Williston, Vermont](#). She earned her [Bachelor of Arts](#) degree in [political science](#) from the [University of Vermont](#) in 1997 and served as a policy analyst in the administration of Governor [Howard Dean](#). She then enrolled at [Boston College Law School](#), earning her [Juris Doctor](#) degree in 2005. In 2014, the then attorney general of Vermont hired Clark as an assistant attorney general. Clark announced her candidacy for state attorney general in the [2022 Vermont Attorney General election](#), and Clark won the Democratic Party primary election, 58% to 28%. In the November 8 general election, she won with 65% of the vote, becoming the first woman ever elected Attorney General of Vermont.

10)The Washington Attorney General is a Democrat, Robert W. Ferguson.

Robert Watson Ferguson (born February 23, 1965) is an American lawyer and politician serving as the [attorney general of Washington](#). He was first elected in [2012](#). Prior to serving as Attorney General, Ferguson was a member of the [King](#)

[County Council](#). On May 2, 2023, Ferguson declared the formation of an exploratory committee, a move widely considered to indicate he will run for governor in the [2024 Washington Gubernatorial Election](#). Ferguson was born in [Seattle](#) in 1965, attended the [University of Washington](#). After college, Ferguson joined [Jesuit Volunteer Corps Northwest](#) and directed an emergency services office for a year. Ferguson earned a [Juris Doctor](#) from the [New York University School of Law](#). During law school, he received a grant to provide legal assistance to the [Yaqui](#) tribe in [Guadalupe, Arizona](#). Ferguson began his legal career in [Spokane](#), where he served as a law clerk for Chief Judge [William Fremming Nielsen](#) of the Federal District Court for Eastern Washington, who was appointed by [George H. W. Bush](#). He then clerked for Judge [Myron Bright](#) of the [8th Circuit Court of Appeals](#) in the Midwest, who was appointed by [Lyndon Johnson](#). After his clerkship, he became a [litigator](#), in a Washington Special Assistant Attorney General law firm, where he represented individuals, businesses, local governments, and Washington corporations. As an attorney, Ferguson worked with the legal team that successfully defended taxpayers from paying for cost overruns associated with [Safeco Field](#) construction. Ferguson worked on cases involving [software piracy](#) and successfully sued companies that stole [intellectual property](#) from Washington companies. Ferguson was first elected to the King County Council in 2003. During his campaign Ferguson knocked on 22,000 doors in the district. served on the King County Council, where he represented Council District 1, which includes northeast [Seattle](#), [Shoreline](#), [Lake Forest Park](#), [Kenmore](#), [Bothell](#), [Kirkland](#), and part of [Woodinville](#). In 2006, he helped lead the effort to create permanent oversight in the King County Sheriff's office. He sponsored the Open Space Preservation Act, which protects 100,000 acres of open space.^[22] Ferguson authored legislation that prevents King County from doing business with companies known to repeatedly violate [wage theft](#) laws. He co-sponsored legislation promoting the use of small businesses in fulfilling county contracts. (Ordinance 2007-0146). Ferguson co-sponsored legislation in 2011 creating a "Small Business Accelerator" program. He declined to take a pay raise during tough economic times. Ferguson also helped lead the effort for an independent audit of the county's election office. He wrote the law that reformed the county's public records process to ensure that citizens can easily obtain records and monitor their government. In [2012](#), Bob Ferguson was elected as the [Attorney General of Washington State](#). Ferguson received 53.48% of the vote. During the campaign, Ferguson visited all 39 Washington state counties. In 2016, Ferguson was re-elected, 67% to 33%. He carried 37 of the state's 39 counties. In 2020, Ferguson faced a strong Trump supporter, who said that Ferguson was too soft on crime and criticized his legal challenges of the Trump administration. Ferguson handily won reelection, 56% to 43%. Ferguson sued the Trump administration 97 times, leading 36 of the cases, realizing victory 22 times, and losing once.

South Carolina, Dogwood Alliance

July 10, 2023 email.

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

Biomass is a [false renewable](#) energy source that releases more carbon than coal. Enviva is the world's biggest producer of biomass wood pellets. They operate ten manufacturing plants in five states across the US South (FL, GA, MS, NC, and SC). Most of Enviva's plants are based in rural [environmental justice communities](#). Their facilities release [toxic air pollution and harmful dust](#) all day and night, every day. Their operations destroy 175,000 acres of Southern forests every year. Enviva produces more than wood pellets — they produce harm.

[Sign Our Petition to Hold Enviva Accountable to Communities.](#)

[Take Action »](#)

Enviva is [destroying critical natural forest](#) ecosystems. Their wood pellet facilities harm the health of the people living near their mills. Enviva is worsening the climate crisis. All while they take millions of dollars in taxpayer-funded government subsidies.

We've called on state and federal lawmakers and regulators to stop this industry. Yet, Enviva continues to expand. They have plans to double production in the coming years. Communities on the frontlines have had enough. We must resist at all levels. We are going straight to the source of the problem.

[Tell Enviva to Clean Up Their Act and Be a Better Neighbor.](#)

[Take Action »](#)

We won't stop fighting Enviva on all fronts. Together we can hold them accountable.

For our forests and communities,

South Dakota, Rapid City

[Your Two Cents for July 11 - Rapid City Journal](#)

Rapid City Journal

If it's not the fireworks, it's the smoke from wood-burning fire pits. Our neighbors sure know how to ruin what could be very pleasant evenings in ...

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

Your Two Cents for July 11

Jul 11, 2023

If it's not the fireworks, it's the smoke from wood-burning fire pits. Our neighbors sure know how to ruin what could be very pleasant evenings in Rapid City.

RAWSEP View: The following dispatch from the Wisconsin State Department of Natural Resources (D N R) in Coloma, Wisconsin shows the dry conditions caused by climate change were exacerbated by a spark from a fire begun on Wood Pallets, to create a 830 acre wildfire, that is now 99% contained, by the efforts of fire crews. In conclusion, the DNR tells residents of Wisconsin that "Campfires, ashes from fireplaces, outdoor grills, smoking, chainsaws, off-road vehicles, or other small engines have the potential to throw a spark, ignite a fire and spread quickly. Please use extreme caution and avoid burning until conditions improve."

Wisconsin, Coloma in Waushara County

July 11, 2023 email.

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

COLOMA, Wis. – The Wisconsin Department of Natural Resources (DNR) fire crews and local agencies are on the scene of the now roughly 830-acre Pallet Fire in Waushara County, southeast of Coloma. The fire is 99% contained. Three primary structures and 17 secondary structures have been lost. The cause of the wildfire is debris burning. Previous reports have stated various sizes; the update to 830 acres is based on the use of infrared/satellite technology and location points taken on the ground used to help get a more accurate depiction of the size of the fire. The fire size will be updated as more information is available. Officials say the Pallet Fire travelled northeast and burned in pine and mixed hardwoods along Cumberland Avenue and north of Hwy 21. Fire officials on scene indicated erratic fire behavior due to gusty winds and drought conditions, along with reports of torching with fire moving into the crowns of the trees. Several spot fires occurred ahead of the fire and were suppressed and monitored. DNR fire suppression resources and local fire departments are on the scene, continuing suppression efforts and providing structure protection. Eight firefighters have been treated for injuries and released. DNR Incident Management Team staff continue to operate at the command post located at the Coloma Fire Department. Waushara County Emergency Management and local law enforcement agencies are also on the scene. Alliant Energy is working to restore power in the area. Almost no rain was received in the fire perimeter overnight, so fire conditions remain active today. Drought, warm temperatures and low relative humidity are still forecasted, but winds are expected to be lighter today. Fire danger remains high across many parts of the state due to these conditions. Campfires, ashes from fireplaces, outdoor grills, smoking, chainsaws, off-road vehicles or other small engines have the potential to throw a spark, ignite a fire and spread quickly. Please use extreme caution and avoid burning until conditions improve.

For the most current fire situation and evacuation information, follow the DNR on [Facebook](#) and [Twitter](#), or [check current fire danger, wildfire reports and burning restrictions on the DNR website](#).

Arizona, Sierra Vista

[Fire at Sierra Vista Transfer Center self ignited from excessively hot weather - KGUN 9](#)

KGUN 9

Since the sight has been cleared of the burning wood there shouldn't be any smoke visible from the area. According to the City of Sierra Vista's ...Crews were moving and spraying water on the wood pile that burned at the end of June to stop the burning. "Right now it's like a campfire," said ...

Colorado, Fort Collins

[The Marshall Fire may have left toxins in nearby homes - KUNC](#)

KUNC

If a neighbor's house burned down in the Marshall Fire, the contents of ... in large part because it was not just wood burning—it was homes and ...

Delaware, Delmarva Peninsula

[What do the air quality issues from the Canadian wildfires mean for public health?](#)

Delmarva Now

"The big concern is air particulate matter that's left after the burning of wood. The smaller-sized particulates and chemicals can make it to the ...

Maine, Boothbay

[Bayville Buzz | Boothbay Register](#)

Boothbay Register

Reports have been received of smoke drifting from the direction of ... as it is most likely David Merrill tending his wood burning pizza oven.

Boothbay is a town in Lincoln County, Maine, United States. The population was 3,003 at the 2020 census. It includes the villages of Back Narrows, Dover, East Boothbay, Linekin, Oak Hill, Ocean Point, Spruce Shores, and Trevett.

Missouri, St. Louis

[Paths for reducing harmful air pollution in South Asia identified - The Source](#)

Washington University in St. Louis

Fine particulate matter comes from wood burning, power generation, motor vehicles and other combustion sources that emit tiny particles into the ...

RAWSEP View: RAWSEP hesitates to publicize a new, novel, excitingly absurd way to air condition your home, using pollution! But this is being pushed in New Hampshire. Using electricity from biomass (wood) burning on site of a housing development! This is being pushed as economical, rather than say, good for the environment or good for public health. Picking the brain of someone who is choosing money over human health is unsatisfying, since that brain is stained green, green washed, green with greed for money, or not whatever green is supposed to signify in other, supposedly non-polluting contexts. This brain works for the forestry industry, go figure. And this pollution will be directed at a senior living facility. To cover the high cost of new technology, included is a \$1 million U.S. Forest Service grant for New London Place, to support this outlet for the logging industry. The writer does conclude "It is, of course, controversial whether we should be burning wood at all in the climate emergency, no matter the technology." RAWSEP View: This will destroy the environment but probably not investors' savings! Why not burn polluting wood all winter for heat, and then, to be economical and use the existing equipment, burn polluting wood all summer for air conditioning! Who's stopping you?!

New Hampshire, Concord

[Wood-fired air conditioning! Really, it's a thing - Concord Monitor](#)

Concord Monitor

To make financial sense when burning wood for a large housing development, I have recently learned, you need to do something that sounds kind of ...

Wood-fired air conditioning! Really, it's a thing

A computer rendering of the upcoming New London Place assisted-living facility, which will have combined heat and power. Coldwell Banker

7/10/2023.

To make financial sense **when burning wood** for a large housing development, I have recently learned, you need to do something that sounds kind of crazy: Use it to cool yourself.

"That's the key. ... District heating with wood is not a new thing, it's use of heat energy to power air conditioning in the summertime that makes it work," said an energy and forestry consultant who has been around the state's timber industry for a long time.

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

I was picking the forestry consultant's brain about two upcoming developments: New London Place, a quarter-million-square-foot senior living complex that should open in New London in 2025, and Ridgeline Community in Conway, where ground was broken in March. They hold promise for using biomass energy in large developments without destroying the environment or investors' savings, something that forest-filled New Hampshire would like to see more of.

Both will have centralized systems that **burn wood chips** for a multitude of buildings – 44 one-bedroom cottages and a 106-unit assisted living facility in Ridgeline’s case, and 12 cottages plus a facility with 96 apartments and 60 assisted-living units in New London Place. This kind of district system is old hat but these will be the first in the state to have “combined heat and power” or CHP systems, **right on sight**. That’s compared to biomass boilers providing only heat, as was done by the former Concord Steam, or **only electricity, as is done by the state’s wood-burning power plants**. **Both of those systems have struggled financially, with Concord Steam shutting in 2017 after 79 years and the power plants struggling to stay open without government support**. Concord Steam’s problem was that its **income fell when temperatures rose**, while the power plants’ problem is that they waste a lot of the energy from burning wood, sending excess heat into the air. Doing both allows for more efficiency and more financial stability. “Getting a 12-month load on the boiler, that allows you to make electricity and do so at high efficiencies,” he said. The systems will provide a portion of the electricity used by the developments, which will still be tied to the grid. The forestry consultant recently gave a presentation to Clean Energy New Hampshire on new and improved technologies that are making combined heat and power feasible at this scale like gassification, organic Rankin cycle and liquid salt for heat exchange. RAWSEP View: These expensive technologies sound like expensive and failed experiments in carbon capture of the past.

Canada, British Columbia, Vancouver

[“I’m afraid of summer now:” Vancouver is in dire need of proper ventilation](#)

Georgia Straight

Wildfire smoke is a mixture of pollutants, including PM 2.5—fine particulate matter that can easily get deep down in the lungs and into the ...

Canada, Yukon Territory, Yellow Knife, regarding the Wood Buffalo Fire in British Columbia

[Wood Buffalo Wildfires - July 10th Update - My True North Now](#)

My True North Now

Several area closures are in place for safety reasons. The fire is actively burning on both sides of Pine Lake Road and it is imperative that members ...

China, Beijing

[PM 2.5 at a semi-rural site near Beijing, China](#)

Wiley Online Library

To investigate the air pollution situation in a semi-rural part of northern China, particles with a diameter below 2.5 μm (PM2.5) were collected ...

India

[Decline In India's Air Pollution – But Not When It Matters Most - Health Policy Watch](#)

Health Policy Watch However, the summary report shows that PM 2.5 levels (fine particles) across rural and urban regions have plateaued over the last six years and ...

India, Tamil Nadu

[Air pollution in Tamil Nadu steadily declining over the last five years, says study - The Hindu](#)

The Hindu Fine particulate matter is defined as particles that are 2.5 microns or less in diameter (PM 2.5). The study was done through two methods - a ...

Thailand, Bangkok

[PM failed to curb pollutants - Bangkok Post](#)

Bangkok Post

Chiang Mai: The Administrative Court on Monday ruled that Prime Minister Prayut Chan-o-cha and the National Environmental Board (NEB) had ...

PM2.5 Health Effects

[Short-term particulate matter contamination severely compromises insect antennal olfactory ...](#)

Nature

There is evidence that PM10 (2.5 μm < particle size \leq 10 μm) has more inorganic or metal components, including toxic heavy metal elements, and PM2.5 ...

[3-year wildfire smoke exposure raises all-cause, nonaccidental, neoplasm mortality risk](#)

Healio

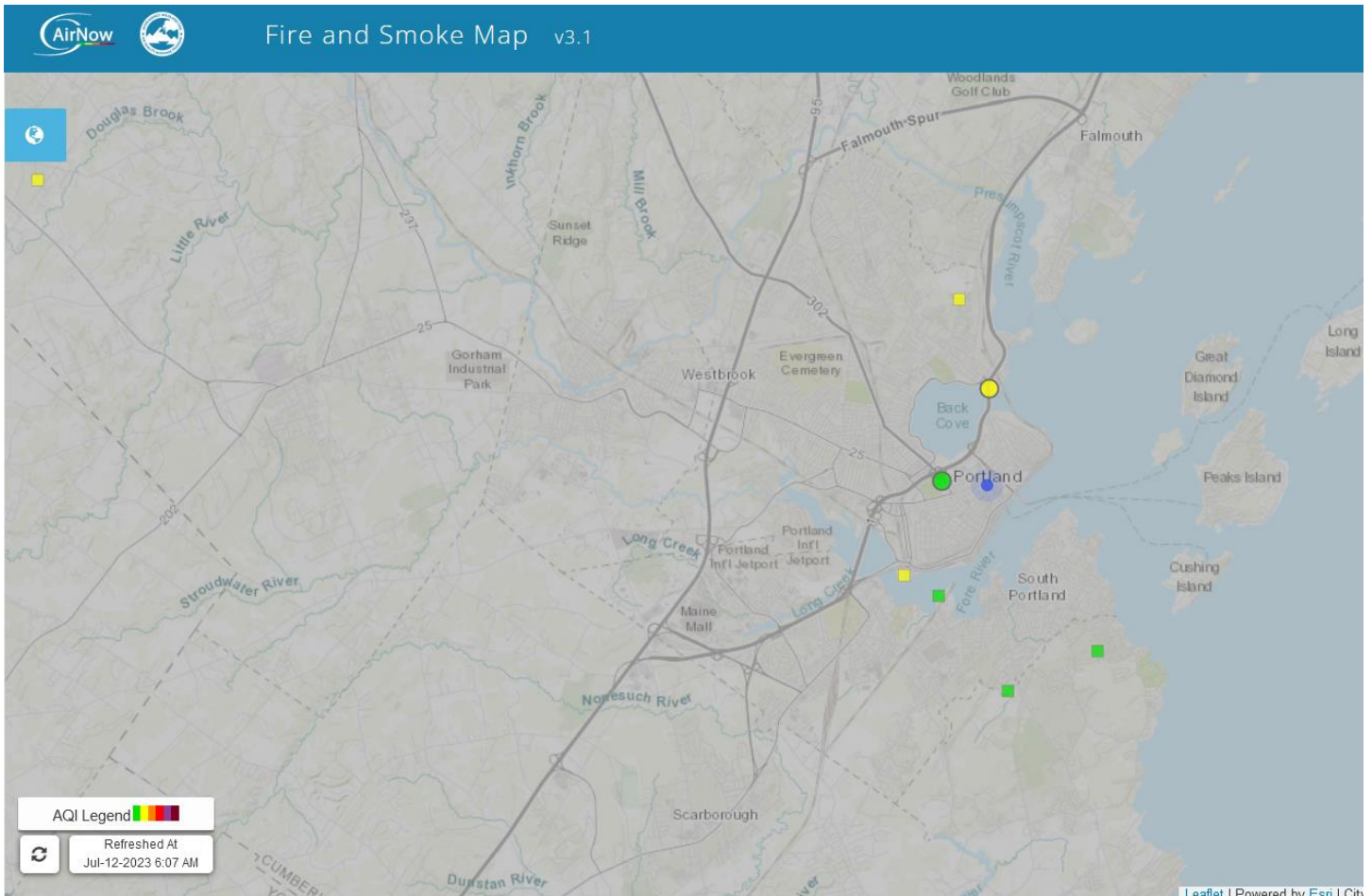
When assessing the impact of exposure to this type of PM2.5 on death due to a cardiovascular, respiratory or mental disease, researchers did not ...

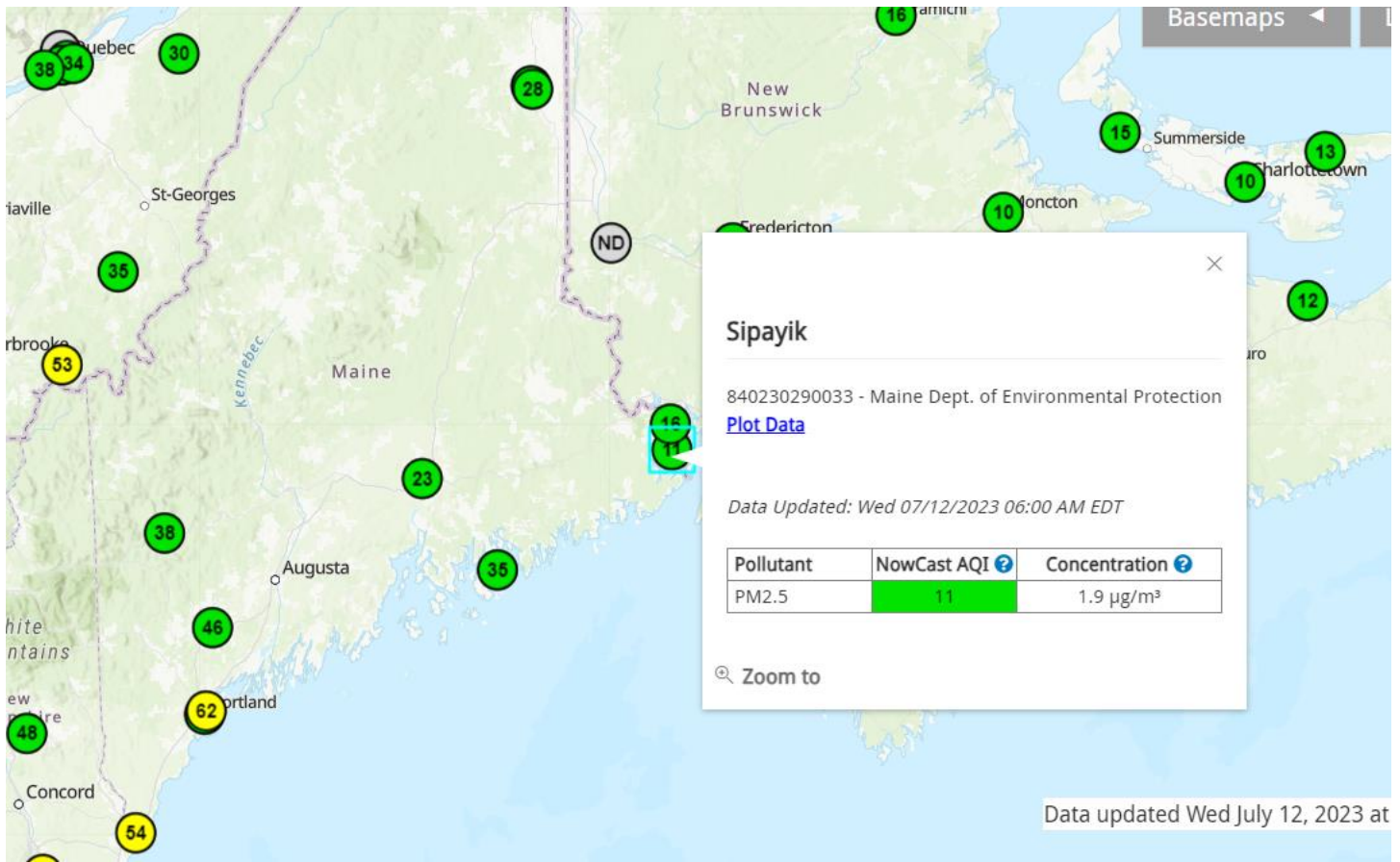
[Short- and Long-Term Exposure to Air Pollution Increase Risk of Heart Failure](#)

Pharmacy Times

The research was conducted by analyzing 100 studies covering 20 countries that investigated the association between air pollutants—specifically PM 2.5 ...

Residents Against Wood Smoke Emission Particulates, see <https://RAWSEPresidents.wordpress.com> and click on the nearest right icon for the latest month, July 2023, of PDFs of articles with U R L's to search on. To the right of that, Stickers to handout for RAWSEP <https://rawsepresidents.wordpress.com/rawsep-sticker-templates-get-your-two-cents-in/> Games such as 1)Bingo for RAWSEP, 2)Crosswords for RAWSEP, 3)EndWoodSmokeJeopardy. 4)EndWoodSmokeMonopoly Games, 5) a RAWSEP Flyer, 6)the Un-Twist-it Game, and 7)"Vending Machines for PM2.5 monitors", and icon links to 30 minute Youtube videos and Spotify podcasts as well as podcasts on Amazon Music Prime (free for Prime subscribers), podcasts.google.com, Cast Box, and Pocket Cast (Pocket Cast is only free on the phone App. Pocket Cast works on Apple phones) and, below those icons, icon links to monthly PDFs of articles with URL's to search on, from June 2023 to May 2022.





Information

Pallet
WI-WAT-62111892023
07/11/2023 Day Ops
832 acres at 7/11/2023 1:12 am



- Wildfire Daily Fire Perimeter
- Contained
- School
- Fire Station
- Law Enforcement
- Cemetery
- Post Office
- Interstate Hwy
- State Hwy
- County Roads
- Town Roads
- Trail
- County_Boundary
- State



7/11/2023 0:32p
Acres from GPS
North American 1983 (NAD83) Datum

