

Episode 56SW April 9, 2024. PM2.5 and backpacking stoves, and a chimney sweep not afraid to get dirty.

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EPA PM2.5 limits and public health relevance. 6)New York, Chautauqua, Village of Panama reminds residents of ongoing (wood) burning ban. 7)RAWSEP View: The fight for the right to pollute continues. New York, Rome. Rural Energy Freedom Act seeks to protect wood burning. 8)RAWSEP View: The fight for the right to pollute continues. New York. Finger Lakes. New York bill seeks to protect wood burning. Headlines. 9)California, Covina apartment fire. 10)California, Los Angeles. 40 foot pleasure craft catches fire. 11)Colorado, Northwest Colorado. RAWSEP View: It is not surprising that a chimney sweep is not afraid of getting dirty. Whether near neighbors are afraid of breathing in creosote, when smoke "escapes" and invades the yards of near neighbors is a subject not tackled in this article. 12)Colorado, Lakewood. Park Fire Restrictions of wood burning smoke. 13)Georgia, Atlanta. Goth home for sale has wood burning fireplace. Goth is a style of rock music typically with apocalyptic or destructive lyrics. 14)Nebraska, Omaha and Council Bluffs, pair of brush fires blanket Omaha and Council Bluffs with wood smoke. 16A)Oklahoma, Oklahoma City. Why is the air quality bad today in OKC? 16B)Oregon, North Bend. Trailer, with wood burning stove inside, catches on fire. 17)Pennsylvania, Mahanoy City. Borough code update addresses wood burning stoves. 18)Utah. A notorious house is up for sale, with a wood burning stove inside. 19)Virginia, Roanoke. How to protect yourself from dangerous air pollution. 20)Canada. A smoky summer predicted. Articles alphabetic by publisher. 21)Alberta, Canada, Fort McMurray and Grande Prairie Controlled Burn. 22)United Kingdom. The Scottish National Parliament (SNP) ban on wood burning stoves in new builds takes effect. Articles alphabetical by Publisher. 23)Sweden, Stockholm and Laos (Lao People's Democratic Republic) provincial level air quality. 25)Africa. Kenya, Kirinyaga County. Handout of gas cylinders to replace polluting wood burning. 26)India. Air pollution-related terminologies awareness low among urban poor. Articles alphabetical by publisher. 27)India, Delhi. Air quality poor. 28)Mongolia, Ulan Bator. PM2.5 level improves. 29)Nepal, Kathmandu and third worst air pollution globally. 30)Thailand. PM2.5 and tourism affected. 31)Thailand, Chiang Mai. NASA observance of hazy skies. 32)PM2.5 and Fuel Use. 33)PM2.5 and Hemoglobin levels and Anemia. 34)PM2.5 and intra urban variability. 35)PM2.5 and seasonal variation. 1A)RAWSEP View of the article: The U.S. Urgently Needs a Bigger Grid. Here's a Fast Solution. <https://www.nytimes.com/2024/04/09/climate/electric-grid-more-power.html> Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. One of the biggest obstacles to expanding clean energy in the United States is a lack of power lines. Building new transmission lines can take a decade or more because of permitting delays and local opposition. But there may be a faster, cheaper solution, [according to two reports released Tuesday](#). In Montana, Northwestern Energy recently replaced part of an aging line with advanced conductors to reduce wildfire risk — the new line sagged less in the heat, making it less likely to make contact with trees. Pleased with the results, Montana legislators [passed a bill](#) that would give utilities financial incentives to install advanced conductors. A bill in Virginia [would require utilities](#) to consider the technology. With electricity demand [beginning to surge for the first time in two decades](#) because of new data centers, factories and electric vehicles, creating bottlenecks on the grid, many utilities are getting over their wariness about new technologies.

1B)RAWSEP View of the article Environmental Protection Agency (EPA) Limits Pollution From Chemical Plants. <https://www.nytimes.com/2024/04/09/climate/epa-pollution-chemical-plants.html> Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. More than 200 chemical plants across the country will be required to curb the toxic pollutants they release into the air under a regulation announced by the Biden administration on Tuesday, to reduce the risk of cancer for people living near industrial sites. This is the first tightening of limits on pollution from chemical plants in nearly 20 years. The new EPA rule targets ethylene oxide, which is used to sterilize medical devices, and chloroprene, which is used to make rubber in footwear. The E.P.A. has classified the two chemicals as likely carcinogens. They are considered a top health concern in an area of Louisiana so dense with petrochemical and refinery plants that it is known as Cancer Alley. Communities in proximity to the plants have elevated rates of cancer, respiratory problems and premature deaths.

1C)RAWSEP View of the article In Landmark Climate Ruling, European Court Faults Switzerland. But the European Court of Human Rights ruled as inadmissible two other climate-related attempts to hold governments accountable. <https://www.nytimes.com/2024/04/09/world/europe/climate-human-rights.html> Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. The Swiss government had argued that human rights law does not apply to climate change, and that addressing it should be a political process. But Switzerland's federal office of justice, which represents the country at the European court, said in a statement that the Swiss authorities would analyze the judgment and examine "the measures which Switzerland has to take for the future." The ruling is the latest decision in a broader wave of [climate-related lawsuits](#) that aim to [push governments to act against global warming](#), including in the United States, where a [judge ruled last year](#) that Montana's failure to consider climate change when approving fossil fuel projects was unconstitutional. [American states themselves](#) have also [sued corporations, including oil and gas companies](#) over claims that they played down the risk of fossil fuels. In the case decided on Tuesday, a [group of Swiss women](#) age 64 and up — known as the KlimaSeniorinnen, or Senior Women for Climate Protection — argued that the Swiss government's failure to reduce greenhouse emissions enough to stop global warming had violated their rights.

1D)RAWSEP View that the Cash spigot of the United States has so far been aimed gushing subsidies at PM2.5 polluting indoor residential wood burning and gushing subsidies at PM2.5 polluting biomass (wood burning) industries. When will the spigot be turned off? United States. The High-I.Q. Nonsense of Robert F. Kennedy Jr. <https://www.nytimes.com/2024/04/06/opinion/rfk-jr-trump-biden.html> April 7, 2024. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. April 6, 2024. The hubris. The narcissism. The convenient and [fraudulent anti-elitism](#). The out-of-his-mind theories presented as out-of-the-box thinking. Many of us have noted how these fetching traits and tics connect Donald Trump and Robert F. Kennedy Jr., who is in some ways Trump with better manners, fewer lawyers and discernible peccs. But we underplay another commonality. 1)Like Trump when he made his 2016 presidential bid, Kennedy has zero experience in elected office, a fact made comically clear in [his interview last summer](#) 2) his [announcement of his running mate](#) last week, Nicole Shanahan, his running mate, is a [cash spigot and fund-raiser](#) about whom [Kennedy led with this](#): "I'm guessing she probably has a higher I.Q. than almost anybody who I've seen in public life today." 3)he's not going away. His running-mate announcement is a reminder that he could be a spoiler in this election. Although Kennedy is officially on the 2024 ballot only in Utah so far, his campaign this week said that [he'd collected enough signatures](#) to qualify for the ballot in four additional states.

2A)RAWSEP View: The National Geographic takes the side of polluters. Backpacking stoves are evaluated not for the lowest PM2.5 emissions they pollute the air with, but, instead, the backpacking stoves are promoted by false advertising. Why choose to burn highly polluting wood (and other highly polluting solid fuels picked up from the trail such as twig and pine nuts?) Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. The National Geographic wrote: Our picks for the best backpacking stoves 1)Best overall backpacking stove: Soto Windmaster 4Flex 2)Best wood-burning backpacking stove: 3)Solo Stove Titan. In Contrast, RAWSEP's pick of Wind Power that can be carried in a backpack. <https://www.amazon.com/Pikasola-Turbine-Generator-Controller> Amazon Website. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Windmill/dp/B08F4SYCF7/ref= Pikasola Wind Turbine Generator Kit 400W 12V with 5 Blade, with Charge Controller, Wind Power Generator for Marine, RV, Home, Windmill Generator Suit for Hybrid Solar Wind System Brand Pikasola. Wattage 400 watts. Power Source Wind Powered. Item Weight

6.2 Kilograms. Voltage 12 Volts. Output Wattage 400 Watts. Special Feature Lightweight. Included Components wheels. Color White. Product Dimensions 26.5"L x 11.8"W x 18.3"H. About this item Feature: Starting with 2.5m/s Low wind speed; Low vibration during working; High wind energy efficiency. Wind turbine kit suitable for boat, RV, cabin, home, etc. Wind Blade: 23.8 inch in length, the longer blade will generate more power. The blades are made of Nylon carbon fiber which special on waterproof, corrosion resistant, lightweight. . 2B)PM2.5 and polluting wood burning backpacking stoves from National Geographic's picks. [The best backpacking stoves for your outdoor adventure - National Geographic](#) Why we like it: If packing liquid fuel feels intimidating or even risky, a wood-burning stove might be for you. It also has a low-smoke design, so. Why we like it: If packing liquid fuel feels intimidating or even risky, a wood-burning stove might be for you. The Solo Titan burns twigs, pine nuts (et cetera).

3)Letters to the Editor from Massachusetts and Canada. 3A)Massachusetts, Greenfield. Letter to the Editor, Kudos to Katy Eiseman for her call to end public subsidies in Massachusetts for wood-burning power plants, [William Beckett: Burning wood for electricity is bad for our health - Greenfield Recorder](#) Even if woody biomass-burning power plants did not release large amounts of planet-warming CO2, the particulate air pollution they spew into our. Kudos to Katy Eiseman for her call to end public subsidies in Massachusetts for wood-burning power plants "Must stop subsidizing wood-fired". Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Kudos to Katy Eiseman for her call to end public subsidies in Massachusetts for wood-burning power plants [["Must stop subsidizing wood-fired energy," Recorder, April 4](#)]. Even if woody biomass-burning power plants did not release large amounts of planet-warming CO2, the particulate air pollution they spew into our breathing air creates a widespread health hazard that we can prevent by sticking with cleaner sources of energy. Eiseman is right — air pollution particles contribute to lung disease, heart disease, and adverse birth outcomes. The majority of Americans want to breathe cleaner air, and choosing not to burn wood for electricity supports that goal. And of course, burning wood releases the stored CO2 into the global atmosphere, hastening the worst effects of global climate change for everyone on the planet. Gov. Maura Healey has already endorsed removing wood from the Massachusetts Alternative Energy Portfolio Standard. Now is the time for all our state legislators to stop using our tax dollars to subsidize this form of dirty energy. William Beckett, Watertown, Massachusetts. 3B)Canada, Manitoba, Winnipeg. Letter to the Editor. Wood Smoke is no different from cigarette smoke. [Letters, April 9 - Winnipeg Free Press](#) Wood smoke is no different from cigarette smoke. It's important to understand that burning wood is not a sustainable or recommended way to heat a home. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Wood smoke a health hazard. Canada Health has a warning about inhaling wood smoke. Wood smoke is no different from cigarette smoke. It's important to understand that burning wood is not a sustainable or recommended way to heat a home. While some may argue that burning wood saves money, it is not a valid excuse. If you can smell wood burning, you are endangering yourself, your family and your neighbours by polluting the environment and the air we breathe. The annual increase in wildfires and recreational wood smoke can result in significant health issues. Short-term exposure to the smoke can exacerbate respiratory problems and even result in fatalities. Long-term exposure can lead to conditions such as asthma, COPD, reduced lung function, premature death, strokes, heart attacks, cancer, nervous system impairments, disruptions to normal reproductive functions, increased mortality rates and decreased cognitive functions. Fire pits are legal in Winnipeg and the city administration claims our bylaws are similar to other cities. However, this statement lacks transparency and is selective. Bylaws in the same cities prohibit any activity that could cause smoke or dust to enter neighbouring properties. Furthermore, fire chiefs in those cities can order violators to stop burning and issue fines for further transgressions without going to court. Wood burners are responsible for their choices. It is important to use fire pits, fireplaces and chimineas responsibly to avoid causing serious health problems to family and neighbours, and legal consequences such as injunctions, fines and fees. Precedents exist. The sale and use of wood-burning appliances should come with health-label warnings similar to tobacco products. The city administration should promptly address this issue and prioritize the health and safety of its citizens. Serge Massicotte. Winnipeg. [What's So Green About Burning Trees? The False Promise of Biomass Energy - resilience](#) Resilience.org Burning wood pellets (burning trees) for heat and electricity harms people, biodiversity, and ecosystems. 4)United States, West Virginia, Morgantown debate points. (home of Senator Capito, who seeks to negate the new 9 microgram per cubic meter PM2.5 annual "safe" air pollution limit.) Sierra Club defends PM2.5 limit. [Point-counterpoint: Capito issues paper on Biden's regulatory 'Road to Ruin,' Sierra Club responds](#) Dominion Post particulate matter rule (PM 2.5), \$7 billion; natural gas tax rule, \$390 million, increasing energy costs for consumer and deterring investment in. United States. Journal of the

American Medical Association. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Point-counterpoint: Capito issues paper on Biden's regulatory 'Road to Ruin,' Sierra Club responds. April 6, 2024. The Dominion Post.

MORGANTOWN. Senator Shelley Moore Capito, in her role as ranking member of the Environment & Public Works Committee, has released a report highly critical of the Biden Administration's environmental agenda. The report is bluntly titled "Biden's 2024 Environmental Agenda and its Road to Ruin." The cover illustration shows a lighted warning sign that spans some interstate highway locations; this one says in bright letters, "Bad Regulations Ahead: Prepare to Pay and Unprecedented Toll." We'll take a look at some of the report's major points here; and in a sort of point-counterpoint, offer some responses from the Sierra Club's West Virginia Chapter. Capito announced the report saying, "Despite clear warnings from American consumers and job creators, and loss after loss in the courts, President Biden is moving full-steam ahead with his crippling, unrealistic environmental agenda in 2024. Jim Kotcon, Sierra Club chapter chair, prefaced his responses with this: "A key problem with that report is that it utterly fails to even mention climate change, and has only a couple references to greenhouse gases without discussing why we need to reduce those." But the EPW Republicans, he said, have no alternative means to addressing climate change: "the ostrich approach of sticking their heads in the sand and ignoring the overwhelming evidence of current and impending climate impacts, all for the sake of appeasing their coal baron bosses, means the whole world will remain at risk." The report has five sections and we'll look at each. Section One. Kotcon responded, "The assertion that the Biden administration has a war on energy ignores the massive investments in renewables, energy efficiency, and alternative energy sources. The Infrastructure Investment and Jobs Act, that Senator Capito voted for, includes billions for hydrogen, carbon capture, plugging orphaned gas wells, and cleaning up abandoned mine lands, with a lot of that money coming to West Virginia!" The rules to regulate air pollution that Capito now criticizes, he said, would benefit West Virginians that are downwind or downstream of the most polluting power plants. "These rules certainly will cost money for the industry, but they save money for citizens in the form of lower health care costs." Section Two. The second section talks about those cumulative effects – chiefly on power grid reliability. Kotcon responded, "Efforts to increase use of electric vehicles will keep West Virginia's energy dollars in the state. Money spent for gasoline goes to oil companies in Texas and Oklahoma. Money spent on charging electric cars stays in West Virginia for West Virginia utilities." Section Three. The third section addresses the "Enormous Financial Toll" of Biden's regulations. She cites Biden's and California's own analyses of the costs. Six examples: The EV mandate for 2027-32, more than \$500 billion; waiver for California's 100% EV/hydrogen mandate by 2035, \$210 billion; Biden truck EV mandate for 2027-32, \$24 billion; Clean Power Plan 2.0, \$14 billion; Biden particulate matter rule (PM 2.5), \$7 billion; natural gas tax rule, \$390 million, increasing energy costs for consumer and deterring investment in climate solutions. Kotcon responded that this "ignores the fact that the transition actually creates more jobs, and benefits consumers more, than continued reliance on fossil fuels. Recent studies have shown that building new renewable electricity generation is cheaper than continuing to operate existing coal-fired power plants. "Efforts to keep these older plants running will cost consumers more than closing them down," he said. "West Virginians see this in the rate increases that keep coming, year after year, including one just approved for Mon Power customers. Investments in renewables also creates more jobs than the same amount invested in fossil fuels." Section Four. Capito calls this the "Republican Reality Check" on Bidens false claims. Here are four. One, new National Environmental Policy Act rules are not improving the federal environmental review process. Two, low-greenhouse gas hydrogen and carbon capture and storage are not adequately demonstrated. Three, it's not true that only bad actors will pay the natural gas tax. Four, Americans do not support a rush to EVs. Kotcon responded that Low-GHG hydrogen and CCUS technologies have been available for years. "and their cost is still much lower than the cost of continuing to emit toxic pollution and greenhouse gases. The major barrier to adoption is the lack of a regulatory requirement that they be used. Without a regulatory requirement, polluters would have a competitive advantage over clean energy sources, even though we all pay the cost of that pollution in our health care bills." Section Five. Here, Capito quotes job creators so the whole issue isn't coming from GOP politicians. Here are three. The National Association of Manufacturers and 70 other trade associations on PM 2.5: It threatens nearly \$200 billion in economic activity and puts nearly 1 million jobs at risk. The American Trucking Association on the EV truck transition: The technology and infrastructure aren't ready; "any regulation that fails to account for the operational realities of trucking will set the industry and America's supply chain up for failure." National Automobile Dealers Association on California's gas-powered vehicle ban under EPA consideration: most U.S. families are unable to purchase a new vehicle, much less an EV." Kotcon responded, "Many of the claims about exorbitant costs and job losses merely repeat the

same fear-mongering that selfish industry lobbyists have always touted. And time after time, the costs turn out to be substantially lower, and the benefits greater, than the prior claims from polluters. I urge Sen. Capito to listen to more credible sources before repeating this misinformation. “West Virginians have been among the most vulnerable to climate change-induced floods, fires, drought and storms. We are pleading with Sen. Capito, if she wants to be taken seriously, please propose a realistic alternative to the Biden administration approach, one with solid science and a more cost-effective approach.” 5)United States, Journal of the American Medical Association. EPA PM2.5 limits and public health relevance. [Public Health Relevance of US EPA Air Quality Index Activity Recommendations](#) JAMA Network. particulate matter (<2.5 µm [PM2.5]) air pollution under present-day environmental conditions? [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization.](#) Conclusions. The results of this cross-sectional study suggest that the number of people who must successfully follow AQI activity recommendations per day to prevent serious cardiopulmonary consequences from PM2.5 exposure under most daily scenarios is very high. Our findings question the public health relevance of the current approach, and they also highlight the need for robust debate exploring new strategies to enhance the effectiveness of AQI guidance given its immense societal and public policy importance. 6)New York, Chautauqua, Village of Panama reminds residents of ongoing (wood) burning ban. [Village Of Panama Seeks To Remind Residents Of Ongoing Burn Ban |News, Sports, Jobs](#) Post Journal. [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization.](#) Several people have complained over the week before the meeting. “People who are burning wood, like campfires and stuff, that's a different story,” PANAMA — The village of Panama is reminding residents of the current burn ban on garbage, following complaints. The state Outdoor Burn Ban is in effect from March 16 to May 14. Mayor William Schneider said the board needs to place reminders on their Facebook page after some people came to him about it. “I had a couple of people complain to me about village residents burning garbage,” Schneider said. “So, I think in our little reminder we need to remind people to please use our garbage service instead of burning your garbage.” Additionally, Schneider said burning garbage is actually more harmful to the environment than putting it in the landfill, as in a landfill it can make fuel to be used for energy purposes. Several people have complained over the week before the meeting. “People who are burning wood, like campfires and stuff, that’s a different story,” Schneider said. “But it is very evident when people are burning garbage.” Burning garbage usually gives off a smell, enough that the school had an incident where they had to send out their resource officer to find out where the smell was coming from. Schneider said in that incident someone might have been burning sticks and got tagged for someone else who was burning their garbage. “It was one of these spring days and it was getting sucked into the ventilation, because the ventilation was starting to do a reverse cycle that they do in the winter time,” Schneider said. It was discussed that burning wood and sticks is common practice and not a concern under the burn ban. The main complaints did not come from the incident with the school, but over the last week before Panama’s April meeting. Schneider said the moisture in the air causes the smell to be worse, and they have to find an avenue to deal with it if it continues to happen. 7)RAWSEP View: The fight for the right to pollute continues. New York, Rome. Rural Energy Freedom Act seeks to protect wood burning. [Buttenschon co-sponsors Rural Energy Freedom Act | News | romesentinel.com](#) Rome Sentinel According to Scientific American, burning wood produces between 65% to 95% fewer greenhouse gas emissions than fossil fuels. "In Upstate New York New York State. 8)RAWSEP View: The fight for the right to pollute continues. New York, Finger Lakes. New York bill seeks to protect wood burning. [NY bill seeks to protect wood burning under updated climate law | Fingerlakes1.com](#) Critics of the act, however, argue it overlooks the reliance of many on wood burning for warmth in rural areas. This new legislation intends to ensure. [Firewood Laws Now In Affect Across New York State](#) 106.5 WYRK The burn ban is still in place for New York State until May 14th. However, there are some other laws pertaining to firewood that you may want to. Headlines. 9)California, Covina apartment fire. [8 injured, 10 families displaced in apartment fire in Covina - Whittier Daily News](#) Fire damages large commercial building in Glendora · Fire destroys actress-model Cara Delevingne's Studio City home, injuring 2 · Wood-burning ban in effect Monday for much of Southern California · Crime and Public Safety. 2 of 3 killed in fire near Arcadia identified. 10)California, Los Angeles. 40 foot pleasure craft catches fire. [40-foot pleasure craft sinks in Port of Los Angeles harbor after catching fire - Press Telegram](#) Crime and Public Safety. Wood-burning ban in effect Monday for much of Southern California. California, Sacramento. [Excessive heat warning extended in Sacramento. What to know as highs soar well past 100](#) AOL.com Rio Vista was facing moderate forecasts, with 56 PM 2.5, as of 10 a.m. and 93 for the rest of the day and Tuesday. [California Is Home To 85% Of This Climate Change Linked Chemical - Science 2.0](#) They throw up ridiculous maps showing PM2.5, small micron particulate

matter so tiny you need an electron microscope to see it, to keep people in. 11)Colorado, Northwest Colorado. RAWSEP View: It is not surprising that a chimney sweep is not afraid of getting dirty. Whether near neighbors are afraid of breathing in creosote, when smoke “escapes” and invades the yards of near neighbors is a subject not tackled in this article. [New chimney sweep in Northwest Colorado not afraid to get dirty | CraigDailyPress.com](#) will offer residents across northern Colorado an affordable option for keeping their chimneys clean. There are a lot of people using wood-burning smoke doesn't entirely escape. Van Meter uses a rotary sweep, which breaks up the creosote inside. 12)Colorado, Lakewood. Park Fire Restrictions of wood burning smoke. [Park Fire Restrictions - City of Lakewood](#) For additional information, please visit West Metro Fire Rescue or call 303-989-4307. Fireworks prohibited in Lakewood · Wood burning and smoke issues. 13)Georgia, Atlanta. Goth home for sale has wood burning fireplace. Goth is a style of rock music typically with [apocalyptic](#) or destructive lyrics. [Goth home for sale hides an unexpected interior. Peek inside the Atlanta listing](#) Macon Telegraph. Wood-burning fireplace. 14)Nebraska, Omaha and Council Bluffs, pair of brush fires blanket Omaha and Council Bluffs with wood smoke. [Pair of Council Bluffs brush fires blankets Omaha metro in smoke - WOWT](#) “It is certainly. [Council Bluffs brush fire sends smoke into Omaha](#) Omaha World-Herald Wood. After initially containing the fire, Wood said the Fire Department used back burning near the bridge and south of it to prevent the fire. 15)North Carolina, Scotland County, Laurinburg burn bad lifted. [Burn ban gets lifted, but drought persists - AOL.com](#) Randy Wood, Scotland County Extension director, said the recent rains have helped the dry conditions, but there are still issues. “In terms of a. 16A)Oklahoma, Oklahoma City. Why is the air quality bad today in OKC? [Why is the air quality bad today in OKC? What does air quality mean? - The Oklahoman](#) According to Accuweather, Oklahoma City had unhealthy levels of PM 2.5 and PM 10 pollutants as of Monday morning. Airborne particulate matter, or PM2.5, 16B)Oregon, North Bend. Trailer, with wood burning stove inside, catches on fire. [Trailer catches fire in Lebanon mobile home park - KCBY](#) On the IC's 360 he noticed fire from an exterior wall that was near the location of a wood burning stove on the inside of structure. [Firefighters respond to mobile home fire that displaced residents | Local | kezi.com](#) smoke alarms and practicing safe usage and maintenance of wood-burning stoves in heating their homes. For more information, contact the Lebanon. Fire was spotted on an exterior wall which firefighters determined was near the location of wood-burning stove inside the home, fire officials said. [Trailer catches fire in Lebanon mobile home park - KVAL](#) wood burning stove on the inside of structure. For two and a half hours, crews were on scene removing residual smoke, overhauling, and investigating. [LFD Quells Mobile Home Fire, Stresses Heating Safety - Lebanon Local](#) wood burning stove on the inside of the structure. On entry, firefighters encountered heavy smoke and quickly called for a positive pressure fan. [2 fires in 1 day in Lebanon; families OK, cat dies - Yahoo](#) When they went inside the home, they found fire from an outside wall near a wood burning stove and worked to put it out. smoke, and investigating. 17)Pennsylvania, Mahanoy City. Borough code update addresses wood burning stoves. [Mahanoy City completes updating of borough code book](#) AOL.com wood-burning stoves and chimneys, smoke alarms and self-extinguishing fire suppression systems, among others. The codification ordinances lists. 18)Utah. A notorious house is up for sale, with a wood burning stove inside. [Utah Property in Ruby Franke Child Abuse Case Draws Curiosity as New Details Emerge](#) Beaumont Enterprise. The affordable 5-acre homestead includes a cozy cabin with a wood-burning stove. 19)Virginia, Roanoke. How to protect yourself from dangerous air pollution. [Target 7: How to protect yourself from dangerous air pollution - WDBJ](#) Air quality is often. 20)Canada. A smoky summer predicted. Articles alphabetic by publisher. [A smoky summer is expected in parts of Canada as wildfire season begins. Here's how to](#) CBC PM 2.5, which is the particulate matter in smoke, Li said. The small particles have a diameter equal to or smaller than 2.5 micrometres. “As you. [CBC Lite | A smoky summer is expected in parts of Canada as wildfire season begins](#) CBC With mild spring expected, a lot will depend on precipitation levels, University of Waterloo researcher says. Image | Wildfire smoke over downtown. [Smoky skies over parts of Ontario likely wildfire related: Environment Canada - CTV News Toronto](#) If you spotted smoky skies in parts of Ontario Thursday, it is quite likely you saw the aftereffects of the wildfires scorching Texas. [Smoky summer is expected in parts of Canada as wildfire season begins - The Weather Network](#) With mild spring expected, a lot will depend on precipitation levels, University of Waterloo researcher says. 21)Alberta, Canada, Fort McMurray and Grande Prairie Controlled Burn. [Controlled burning planned to reduce wildfire risk in Fort McMurray](#) Regional Municipality of Wood Buffalo. Thickwood; Wood Buffalo; Parsons Creek (North Access). If time and conditions allow, controlled burns may be conducted in other areas within Fort McMurray. Canada, Alberta, Grande Prairie. [Fire Prevention & Safety | City of Grande Prairie](#) Wood Burning Appliance · Land Development. Back to Business & Development If you must escape through smoke, get low and go under the smoke on your. 22)United Kingdom. The Scottish National Parliament (SNP) ban on wood burning

stoves in new builds takes effect. Articles alphabetical by Publisher. [Made in Britain - ITV4 | TV Guide](#) wood burning stoves. [Scottish Government ban on wood burning stoves in new builds comes in | The Herald](#) The Scottish Government has sparked anger after unexpectedly completely banning wood-burning stoves in new builds and conversions.. [Explained: Has Scotland banned wood-burning stoves? - The Herald](#) wood-burning stoves. Concerns have been raised that the anti-carbon measure will block installing a much-needed back-up heat source, especially. [Scottish Government accused of 'central belt' policymaking as wood burning stoves banned](#) Holyrood.. Wood burning stoves and other pollution-emitting heating systems have been banned in new builds by the Scottish Government. [Wood burning stove ban Scotland – questions over new rules | The National](#) THE Scottish Government has been asked to give “urgent clarification” on whether wood-burning stoves have been banned for new build houses in. [Wood-burner ban: Crofters and remote communities face tougher lives as 'centralised'](#) The Scotsman. Scottish ministers have been accused of ignoring the needs of rural communities as new rules banning wood-burning stoves and other 'polluting'. [Are wood-burning stoves being banned in Scotland? | STV News](#) STV News. New rules banning wood-burning stoves in new builds and some conversions in Scotland have come into force. The Scottish Government's updated. [SNP ban on wood-burning stoves in new homes 'shows contempt for rural Scotland'](#) The Telegraph. “Many people living in rural, off-grid areas rely on wood-burning stoves to heat their houses, especially in emergencies. This ban would leave them. [Wood-burning stoves 'banned in Scotland' under new building rules - Yahoo News UK](#) THE Scottish Government has been asked to give “urgent clarification” on whether wood-burning stoves have been banned for new build houses in. 23)Sweden, Stockholm and Laos (Lao People’s Democratic Republic) provincial level air quality. [Air pollutant emissions and sources in Lao People's Democratic Republic: a provincial scale](#) Stockholm Environment Institute Exposure to outdoor air pollution causes ~10 000 premature deaths each year in Lao PDR. Annually, concentrations of fine particulate matter (PM2.5) in. 24)Africa, Botswana. Wood burning for cooking depletes forests and produces PM2.5 pollution. [Feature: Botswana's forests go up in smoke to plug electricity gap - Xinhua](#) In an interview with Xinhua, Mbambo, 41, said she uses about 2 tons of wood per months for cooking and to perform other domestic chores that need. 25)Africa. Kenya, Kirinyaga County. Handout of gas cylinders to replace polluting wood burning. [Kirinyaga distributes free gas cylinders to 600 homesteads - The Star](#) The initiative will also ensure a dignified life for the rural women who have been using wood fuel to cook enduring smoke and soot emitted by firewood. Kirinyaga government has given out 600 gas cylinders, popularly known as meko, to Ngariama ward residents. Governor Anne Waiguru said the move is part of the county's initiative to conserve the environment through the reduction of felling of trees for wood fuel. 26)India. Air pollution-related terminologies awareness low among urban poor. Articles alphabetical by publisher. [Air pollution-related terminologies awareness low among urban poor: Study | India News](#) Business Standard. Awareness about air pollution-related terminologies such as air quality index and particulate matter is "significantly" low among the urban poor. [Awareness about air pollution-related terminologies low among urban poor in Delhi-NCR](#) The Economic Times. Low awareness of air pollution terms among urban poor in Delhi-NCR. Survey reveals PM 2.5 health risks and main pollution sources. [Awareness about air pollution-related terminologies low among urban poor in Delhi-NCR: Study](#) Hindustan Times. PM 2.5 levels are fine particles that have a diameter less than 2.5 micrometers, more than 100 times thinner than a human hair and remain. [Awareness About Air Pollution-Related Terminologies Low Among Urban Poor In - Outlook India](#) Outlook India. The study conducted from December 2023 to January 2024 covered 500 people in Delhi and National Capital Region (NCR) cities of Noida, Ghaziabad, [Awareness about air pollution-related terminologies low among urban poor in Delhi-NCR: Study](#) Times of India. Environment News: NEW DELHI: Awareness about air pollution-related terminologies such as air quality index and particulate matter is. India, Kolkata. ['pollution Varies Across Kol, Needs Hyperlocal Solutions' | Kolkata News - Times of India](#) Low awareness of air pollution terms like AQI and PM 2.5 among urban poor in Delhi-NCR. Survey covered 500 from informal/formal settlements. 27)India, Delhi. Air quality poor. [India And Her Capital Slide Down The Global Air Quality Graph - The Citizen](#) PM means particulate matter and 2.5 refers to its size — 2.5 microns or 30th diameter of a hair. The smaller size PM 2.5 of pollution makes it more. India. [India 'neglecting' air, water, vegetation as its world air quality index ranking decelerates](#) Counterview. PM means particulate matter and 2.5 refers to its size -- 2.5 microns or 30th diameter of a hair. The smaller size PM 2.5 of pollution makes it more. )India, Odisha. Air quality poor. [AQI updates: Air quality slips to 'poor' category in seven places of Odisha](#) Sambad English. Angul recorded a 'poor' air quality with an index value of 257 and major pollutant found was PM2.5. [7 Places In Odisha Record 'Poor' Air Quality; Know Its Effects On Health - odishabytes](#) PM2.5. Similarly, Barbil had index value of 284 with major pollutant O3, Bileipada (index value-244, major pollutant PM10), Keonjhar (209, PM2.5) Barbil (air

quality-poor, index value. 28) Mongolia, Ulan Bator. PM2.5 level improves. [Improvement of the anthropogenic emission rate estimate in Ulaanbaatar, Mongolia, for](#) ScienceDirect.com Using the improved emission inventory, we were able to successfully reproduce independent observation data on PM2.5 concentrations in UB in December. 29) Nepal, Kathmandu and third worst air pollution globally. [Kathmandu's air pollution ranks third worst globally, urgent safety measures advised](#) myRepublica - Nagarik Network The AQI assesses pollution levels by measuring fine particles known as PM 2.5 and PM 10 in the air. A reading above 100 is considered unhealthy. 30) Thailand. PM2.5 and tourism affected. [Tourism affected as Chiang Mai chokes on toxic PM dust - Nation Thailand](#) Songkran in Chiang Mai is unlikely to be as lively as expected. The fault lies with a surplus of PM 2.5 dust, which is having a negative effect on. 31) Thailand, Chiang Mai. NASA observance of hazy skies. [Hazy Skies in a Growing City - NASA Earth Observatory](#) IQAir data shows that levels of PM2.5 (fine particulate matter) in When the rains returned in May and the smoke dissipated, PM2.5 concentrations. An array of research indicates that smoke from biomass burning is the largest contributor to poor air quality in Chiang Mai during the dry season. Other contributions to hazy skies come from vehicles, as car ownership and traffic congestion have risen sharply in recent decades. [Chiang Mai Begins 3 Days of Work From Home to Reduce PM2.5 - Khaosod English](#) PM 2.5 after they continuously exceeded the standard. They require all PM said. Prime Minister Srettha Thavisin and Nirat Phongsitthaworn. 32) PM2.5 and Fuel Use. [Effects of different sizes of ambient particulate matter and household fuel use on physical function](#) ScienceDirect.com Negative correlations among PM1, PM2.5, and PM10 and physical function are identified. •. Beneficial effects of clean fuels use on physical function 33) PM2.5 and Hemoglobin levels and Anemia. [Association of ambient air pollution with hemoglobin levels and anemia in the general](#) BMC Public Health - BioMed Central. Air pollutants include particulate matter  $\leq 2.5 \mu\text{m}$  in diameter (PM2.5), particulate matter  $\leq 10 \mu\text{m}$  in diameter (PM10), nitrogen dioxide (NO<sub>2</sub>) 34) PM2.5 and intra urban variability. [Contrasting intra-urban variability of ultrafine particle number and fine particle mass](#) ScienceDirect.com Health impacts from fine particulate matter (PM2.5) have been known for many years. Recently, there is growing awareness of health impacts of. 35) PM2.5 and seasonal variation. [Assessment of seasonal variations in particulate matter accumulation and elemental](#) ScienceDirect.com The evergreen species *L. nobilis* was indicated as suitable for dealing with air pollution based on PM10 and PM2.5 values recorded in the air.



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