

1 RAWSEP View Comparing Trump stall on vote on bipartisan Russia sanctions bill and Governments stall on regulating in order to stop Indoor Residential Wood Burning **2** United States **3** Alabama Alaska and Pennsylvania **4** California **5** Colorado **6** Connecticut **7** Florida **8** Indiana **9** Massachusetts **10** Michigan **11** North Carolina **12** Ohio **13** Oregon **14** Pennsylvania **15** South Carolina **16** Tennessee **17** Vermont **18** Virginia **19** Washington State **20** Washington DC **21** Wisconsin **22** Canada **23** Brazil **24** Ireland **25** United Kingdom
Main Content

1A RAWSEP View This is the weekly roundup of Google Alerts titled PM2 point 5 wood burning wood smoke heat pumps and heat pump rebates This roundup brings together topics of interest to the near neighbors of indoor residential wood burners whose wood smoke enters the yards of the near neighbors and sickens them The near neighbors called in this instance Residents Against Wood Smoke Emission Particulates would like to use PurpleAir PM 2 point 5 monitors hanging from the eaves of the home of a near neighbor to measure the PM 2 point 5 levels above World Health Organization limits of 5 micrograms per cubic meter annually and RAWSEP residents would like that data to be used as evidence to shut down each air polluting wood stove one wood stove at a time if necessary

1B How is an article from Yahoo about Trump vacillation on and blockage of up until now of imposing sanctions on Russia related to these stories beginning with one from the Wall Street Journal about unnecessary unchecked air pollution from indoor residential wood burning? Both topics ultimately lead to speculation about the mental health of Trump and the mental health of indoor residential wood burners Even those who are not mental health professionals and have no desire to be mental health professionals are driven to examine the motivations of Trump taking unnecessarily destructive actions in the absence of rational reasons for denying sanctions that will save Ukrainian lives Even those who are not mental health professionals and have no desire to be mental health professionals are driven to examine the motivations indoor residential wood burners taking unnecessarily destructive actions in the absence of rational reasons for exposing near neighbors to cancer and other illness causing air pollution from indoor residential wood burning

1C This mental health assessment approach to Trump and to indoor residential wood burners cannot be made with empathy or even sympathy for Trump and indoor residential wood burners Empathy and sympathy should be reserved for the victims in Ukraine and for victims who happen to be near neighbors of indoor residential wood burners It is more rational to take a legalistic approach to Trump and indoor residential wood burners People in Ukraine continue to be harmed through no fault of their own since Russia is the aggressor on Ukraine a sovereign nation Since the Trump US has stopped most military aid to Ukraine in the last year the least the US Congress should do is impose sanctions on Russia to discourage Russia from further aggression against Ukraine The near neighbors of indoor residential wood burners continue to be harmed through no fault of their own since the indoor residential wood burner is the aggressor and government entities federal state and local vacillate and even block regulation or stopping of air pollution from indoor residential wood burning The least Federal State or Local Government should do is impose regulations which lead to stopping indoor residential wood burning Those governments which impose regulations which stop indoor residential wood burning are increasingly offering Heat Pump rebates and cleaner energy rebates such as highly efficient natural gas furnaces for instance which make alternatives to indoor residential wood burning within the economic reach of current indoor residential wood burners who claim they are indigent and claim they burn wood for home heating for that reason But the need for mental health analysis of motivations of indoor residential wood burners becomes more clear when it is shown that the affluent more than the indigent choose to burn wood despite no demonstrable economic need

1D Trump has no economic need to deny or block sanctions against Russia Or does he have some economic incentive to choose the side of a warmongering Russia? The affluent have no economic need

to burn wood for home heating Or are realtors putting a wood burning fireplace in every home they can and eliminating modern clean methods of home heating in homes aimed at the affluent consumer?

1E Addressing the negative mental health aspect of indoor residential wood burning Consumers through advertising often associate indoor residential wood burning with affluence But application of common sense would show that choosing an air polluting method of home heating that shortens the lives of your family and near neighbors and contributes unnecessarily to hastening climate change is destructive and does not enhance your life in any way Is there a term for advertising influenced dementia or is there a term for advertising influenced mental illness?

1F Trump was possibly psychologically coaxed by Congress to allow some sanctions on Russia Senator Whitehouse is quoted as saying that Trump allows some sanctions against Russia despite blocking wider sanctions against Russia Senator Whitehouse said Still the administration is making progress in **confronting** the Russia shadow fleet of **sanction dodging** oil tankers

1G Are we Residents Against Wood Smoke Emission Particulates reduced to trying to psychologically coax Indoor Residential Wood Burners to stop their air polluting wood burning since like Trump today Indoor Residential Wood Burners today have unlimited power to act as destructively as they psychologically desire Could giving Indoor Residential Wood Burners economic incentives to stop wood burning work such as rebates for clean energy alternatives? Those economic incentives have been offered in various parts of the United States with varying results Could widespread Public Information appeal somehow to Indoor Residential Wood Burners whether it is pictures of children exposed to wood smoke or pictures of how wood smoke drifts widely from one residential smokestack to affect all near neighbors adversely? Could depictions of wood smoke as cozy and traditional be broken down to show all the ways wood smoke is actually the opposite of cozy and the opposite of clean air in the modern world that embraces medicine and science and that clean air is possible for a start only by abandoning wood burning?

1H In the excerpts from article below disseminated first by the Wall Street Journal and picked up by MSN and Yahoo and AI overviews Indoor Residential wood burning is described as a preference luxurious sought after high end and also described as a primitive void as if a primitive void is a desirable attribute for an affluent home It is also somewhat negatively described as a high status relic However the phrase high status relic or a household staple implies wood burning is a desirable ancient tradition rather than a method of home heating that has been largely replaced at least among those of modest means with cleaner energy solutions for home heating How about advertising using their magic psychologically powerful words to imply that clean energy solutions for home heating are the new better tradition that must be emulated to be in the know? But by using these untrue words about indoor residential wood burning the advertising leads to home buys and more money for realtors When even the affluent move into homes with wood burning fireplaces or wood burning appliances the headaches begin the article below reluctantly concedes leaving behind the rapturous descriptions to list real world problems at least for the affluent home owner who conveniently ignores the air polluting aspect of wood burning if PM 2 point 5 is efficiently vented onto near neighbors outside which eventually seeps into the homes of near neighbors despite sealed homes with windows never opened and multiple air purifiers running 24 7 In the case of the affluent those affected near neighbors living in modest dwellings may be servants in their servant quarters

1i What rapturous words sighing over a vanishing age do those same advertiser use? Indoor residential wood burning is a vanishing Art! One has to be wonderfully experienced to maintain a hearth correctly! Soot Ash and Spiders in the Woodpile put even the affluent at one with nature unless Housekeeping can take care of it! Never mind that Soot or PM 2 point 5 from wood burning is the ultimate air pollution surpassing even the PM 2 point 5 and CO2 levels from coal burning! Surpassing the PM 2 point 5 levels by 450 percent from natural gas burning! It makes affluent and the adjacently affluent alike swoon over how powerful the PM 2 point 5 level is from wood burning unless you have swooned first from actually breathing in the toxins!

1j Which brings us to the psychological aggression aspect of indoor residential wood burning Linked to the physical aggression aspect of indoor residential wood burning Who does not want to vent to near neighbors sometimes? How about venting aggressively all the time but venting covertly unless a near neighbor looks up at your chimney? You are in charge of the air quality of your neighborhood and let no one forget it! And they will not forget you! You are important to everyone on the block!

1K So back to the psychological concerns of the Wood Burner his or herself Realtors quoted in this article concede that wood burning for aesthetics or heaven forbid for home heating is a hassle Or the realtor concedes that increasingly indoor residential wood burning is no longer allowed! Good news to Residents Against Wood Smoke Emission Particulates but those wonderful bans are not yet for us or this merry band would disband immediately Except we are community minded and care about others who are left behind to deal with air pollution from indoor residential wood burners in their localities Selfishness may be the true psychological impediment for indoor residential wood burners Rampant selfishness is in vogue starting at the top of our US food chain Without any good role models how can indoor residential wood burners stop their non addictive addiction wood contains no nicotine and practice the Golden Rule of Love your neighbor as yourself and keep the air as clean as possible for all given all the alternative clean energy sources at our disposal and getting cheaper and cheaper every day

1L So what have we learned about the reasons for indoor residential wood burning bans across the country from this article? We go into reading these articles knowing a few things The bans exist They are brought on by observance of air pollution from indoor residential wood burning negatively affecting near neighbors and acknowledgement that air pollution from indoor residential wood burning contributes to hastening climate change

1M The reasons for indoor residential wood burners to stop or never start? The example is given of a rental unit burning down in Park City Utah caused by inept use of wood burning In Idaho finding a skilled mason in a small town can be difficult and expensive And once a wood burning fireplace is built air quality alerts or high fire risks can trigger temporary usage bans Oh poor homeowner deprived of polluting the air of his or her neighborhood by a wood burning usage ban!

1N The Wall Street Journal article really shows its pedigree by describing how wood burning psychologically traps the affluent homeowner in a haze of cough inducing pollution Flames that are not caused by wood burning are described as faux flames The crackling of real wood fire apparently cannot be mimicked by any stereo system The flame of a wood fire is described as living although the effects on living human exposed to wood fires leads to shorter lifespans Apparently an indoor residential wood burner in Park City Idaho cannot enjoy alcohol without being near a wood fire And apparently there are snow groomers in Park City Idaho that amuse the wealthy with their lights a sight not available to we of modest means And of course families scatter without a wood burning fire to keep them in line The words sentimental and nostalgia get tossed around by realtors also since sharing a deathly or near death experience involving a wood fire brings people together in hospital rooms years later but earlier than they would have gathered if not for hanging out together in front of a wood fire or most poignantly all experiencing the wood smoke air pollution from a nearby indoor residential wood burner seeping into their sealed homes or whenever they forgot and opened a window or forgot to keep air purifiers going 24 7 Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents

Against Wood Smoke Emission Particulates a 501C3 nonprofit organization The Wall Street Journal February 12 2026 But while convenience leans toward the automated ease of gas many wealthy homeowners prefer the sensory trifecta of real wood burning fire The two realtors interviewed for this article are currently listing a 12 point 75 million dollar home built in 2001 with 11 working fireplaces Only one in the primary bathroom is gas only A fireplace becomes a centerpiece where families gather

1O United States and Ukraine Trump stalls vote on bipartisan Russia sanctions bill [RAWSEP View](#) If Congress has the votes to pass and override a presidential veto of a Russian sanctions bill then even if Trump is vacillating and vetoes the bill Congress will be able to override any Trump veto Or is Blumenthal too optimistic about 85 plus votes in the Senate? Excerpts edited by RAWSEP for brevity

and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization Yahoo February 17 2026 at 7:19 AM US President Donald Trump is stalling a vote on a bipartisan bill to ramp up sanctions on the Russia energy sector two senior Democratic senators warned Speaking in Kyiv after spending the weekend at the Munich Security Conference Senator Richard Blumenthal Democrat of Connecticut CT said the sanctions measures he has proposed alongside Senator Lindsay Graham Republican of South Carolina SC would impose a sledgehammer of economic pressure on Russian President Vladimir Putin as US mediated talks between Kyiv and Moscow resume in Geneva this week Existing US and European sanctions have recently begun to curb the Russia oil output but Blumenthal said more pressure is needed and that he has been promised a vote before the end of this session of Congress by Senate majority leader John Thune Republican of South Dakota SD The only obstacle is Trump Blumenthal said We have been waiting for a green light and he has been vacillating back and forth so much that anyone watching him has whiplash Still the administration is making progress in confronting the Russia shadow fleet of sanction dodging oil tankers Senator Sheldon Whitehouse Democrat of Rhode Island RI said and has demonstrated from its interventions near Venezuela that the US military is well prepared to seize more

1P United States wood smoke Why the traditional wood burning fireplace is facing extinction RAWSEP View The use of the word extinction is clever It implies that wood burning for home heating is a stone age occupation and not a normal rational way to heat a home in 2026 The use of the word primitive may be a real estate In this top excerpt from the MSN version of the article below Realtors mourn the passing of some wood burning properties which can be easily sold The horrific practice of grandfathering in air polluting wood stoves is also lovingly described here In this particular harshly legalistic Utah community if you switch to gas burning at any time you forfeit your wood burning right forever! So in Utah there is an apparently God given or Trump clone trickle down from the top perhaps given right to burn wood! Left to our imagination is how a Utah interior designer squares creating a pleasantly attractive interior accompanied with soot stains on walls! Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization

But a growing number of US municipalities now prohibit wood burning fireplaces in new construction These regulations largely aim to mitigate the environmental and health risks arising from fine particulate matter emissions and other airborne pollutants In some Utah communities an existing wood burning fireplace is grandfathered in while new installations are prohibited That means switching to gas could result in forfeiting the wood burning right forever When remodeling she says she presses wood burning owners Are you sure are you sure are you sure you want to get rid of it? Even when a wood burner is technically permitted construction hurdles can push homeowners toward alternatives an Idaho interior designer In a Utah lodge the hired help clean up the wood burning fire for the wealthy What is in it for the wealthy? Being in touch with nature not so much Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization MSN February 12 2026 There is absolutely a preference toward wood burning fireplaces particularly in luxury homes says Bill Fister general manager at the Chimney Doctor a Colorado chimney inspection and fireplace repair company A sought after feature in high end homes has long been a primitive void in the heart of the great room the wood burning fireplace But between tightening restrictions the age old labor of maintenance and homeowners with no experience at the hearth the traditional wood burner risks transitioning from a household staple to a high status relic A Park City based interior designer estimates that while 90 percent of her clients want a wood burning fireplace in theory only about 50 percent of her projects include one People realize it is a hassle or they are simply not allowed A fireplace is consistently among the most searched amenities by home buyers nationwide according to Zillow In the most exclusive tier of the market fireplace labor is simply outsourced as a concierge service Many of her clients have their property managers bring in wood stack it properly in the fireplace and clean up afterward In Deer Valley Utah at a Lodge for instance unit owners and guests can enjoy a real fire without lifting a finger As a complimentary service bell staff can

be dispatched to place the kindling and light the match. They then depart leaving behind the heat crackle and aroma. Fire is out? Housekeeping handles the cleanup of course.

1Q United States Why the Traditional Wood Burning Fireplace Is Facing Extinction Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization The Wall Street Journal February 12 There is absolutely a preference toward wood burning fireplaces particularly in luxury homes says Bill Fister general manager at the Chimney

1R United States Why the Traditional Wood Burning Fireplace Is Facing Extinction In the top excerpt from the AI Overview below there are some facts that support the RAWSEP View that wood burning is unloved and impractical for the vast majority of people in the nation. There is now more information out about the negative health effects of wood burning also. Only 41 percent of single family homes started in 2018 included fireplaces the lowest percentage on record since 2001 largely due to cost considerations. Installing a fireplace can range from 4 thousand dollars to over 20 thousand dollars making it a significant expense for builders aiming to keep homes affordable. Modern heating systems now provide efficient reliable warmth reducing the necessity of a fireplace for functional heating and homeowner interest in them is moderate at best with only 16 percent considering them essential when purchasing a home.

Health and Environmental Concerns Wood burning fireplaces emit fine particulate matter PM 2.5 carbon monoxide nitrogen oxides volatile organic compounds and other pollutants that can penetrate deep into the lungs and bloodstream. Studies estimate that residential wood burning contributes to 22 percent of wintertime PM 2.5 exposure in the US linked to approximately 86 hundred premature deaths annually. Indoor exposure also poses significant health risks including aggravated asthma bronchitis and increased lifetime lung cancer risk. These health concerns have prompted stricter regulations at federal state and local levels including bans on new installations in certain areas and mandatory removal of uncertified units upon home sale.

Maintenance and Practical Challenges Traditional fireplaces require regular chimney maintenance and a steady supply of wood. They are inefficient as heat sources with much of the warmth escaping through the chimney and can even draw warm air out of the home. These practical challenges combined with safety risks such as fire hazards and carbon monoxide exposure make them less appealing to modern homeowners. RAWSEP View This AI Overview also notes the lack of new construction containing wood burning elements and the rise of alternatives to wood burning for home heating or wood burning merely for proven phony in other words ugly aesthetics. This is despite the phony in other words rise of the word hygge or smoky ambiance which supposedly works like Ambien for the inhalers which might even include Ambien like involuntary sleepwalking like a zombie in a smoke filled cave. The cultural value of wood burning at least to the editor of RAWSEP although the editor of RAWSEP may be missing out on the Zeitgeist thrill of mass extinction promised by wood burning.

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization AI overview February 17 2026 Traditional wood burning fireplaces are declining due to environmental regulations health concerns high costs and the rise of cleaner more efficient heating alternatives. AI Overview Decline in New Home Construction Fireplaces once a central feature in homes are increasingly omitted from new builds. d s a w s p dot org Rise of Alternatives Electric gas and bio ethanol fireplaces offer cleaner more efficient and low maintenance alternatives. Electric fireplaces simulate flames without emissions gas fireplaces provide convenient heat with adjustable settings and bio ethanol fireplaces burn renewable fuel without smoke or ash. These options align with environmental goals urban air quality standards and modern lifestyle preferences further reducing the demand for traditional wood burning fireplaces.

Cultural and Aesthetic Considerations Despite these challenges wood burning fireplaces retain cultural and aesthetic appeal. They provide a cozy grounding experience evoke nostalgia and serve as a design focal point. Some homeowners and designers still value them for their ambiance and hygge effect though their inclusion is increasingly a matter of personal preference rather than necessity. In

summary traditional wood burning fireplaces are facing extinction due to a combination of cost health risks environmental regulations maintenance demands and the availability of cleaner alternatives even as their cultural and aesthetic value continues to attract enthusiasts

2A United States wood smoke How clean air scientists purify their homes **RAWSEP View**
The Clean Air Scientists in this article from reading the first sentence do not appear to be scientists and only appear to be pseudo scientists no in touch with the elements of clean air at all This is typical for articles about wood burning which cater to the prejudices of wood burners An air purifier can clean the air but is it much better not to sully indoor air with wood burning or candle burning to begin with The **Editor of RAWSEP** does not have a subscription to National Geographic but consulted AI on this topic and the result seems to point to the fact that homes are sullied with wood smoke and then cleansed by those who call themselves clean air scientists **From the article headline** National Geographic A lit candle with swirling smoke against a dark background Any flame whether from a candle or a wood burning stove can alter the quality of your **AI Overview** Clean air scientists purify their homes by implementing several strategies to minimize indoor air pollution They focus on reducing the amount of flame and the duration of burning ensuring proper ventilation and considering the size of their homes By being mindful of these factors they can significantly improve the quality of their indoor air

2B United States Sorted by Publisher **2B1** United States heat pump How to keep your heat pump humming in the freezing cold | Canary Media Plenty of heat pumps work well even in subzero temps But these expert tips will help your heat pump work even better on the coldest days of the

2B2 United States heat pump Heat pump sales dipped in 2025 They still beat gas furnaces Canary Media Electric heat pumps are two way air conditioners that offer both space cooling and heating They are a critical tool to eradicating carbon pollution **2B3** United States heat pump Heat Pump Water Heaters Can Save Over 5 hundred dollars per Year On Utility Bills Clean Technica pump water heaters HPWHs Perhaps the top reason is that they save so much money on utility bills In fact besides heat pumps for space heating **2B4** United States Every time there is a power outage we do not even notice The Cool Down heat pump rebate The company shared that standard heat pumps can qualify for up to 3 thousand dollars in rebates and cold climate heat pumps can qualify for up to 8 thousand dollars **2B5** United States heat pump HVAC tech honestly breaks down the actual costs of ultra efficient heat pumps The Cool Down One HVAC expert explained the costs of a heat pump installation and how there is a way to save significant money **2B6** United States heat pump Record 125000 heat pumps sold in 2025 comment Energy & Climate Intelligence Unit Commenting on the news that UK heat pump sales reached record highs in 2025 with more than 125000 units sold Jess Ralston Energy Analyst **2B7** United States PM 2 POINT 5 Journal of Environmental Sciences study reveals how artificial intelligence can transform EurekAlert! A deep learning framework estimates hourly PM 2 POINT 5 chemical components—sulfate nitrate ammonium organic matter and elemental matter using routine **2B8** United States wood burning Stay indoors advisory for thousands of Americans as toxins linked to heart attacks fill the air Mail Reduce or eliminate activities that contribute to air pollution such as outdoor burning use of residential wood burning devices This is a **2B9** United States PM 2 POINT 5 Study finds PM 2 POINT 5 linked cardiovascular deaths fell 45 percent since 2001 disparities persist Medical Xpress The research published in the journal Science Advances finds that cardiovascular deaths attributable to fine particulate matter known as PM 2 POINT 5 **2B10** United States PM 2 POINT 5 Combination of Housing Conditions and Outdoor Pollution Increases Child Asthma Risk Pulmonology Advisor particulate matter less than or equal to 2 point 5 micrometer PM 2 POINT 5 on early childhood asthma diagnosis The analysis included 6 thousand 4 hundred and 13 children born between 1987 and 2016 **2B11** United States heat pump The prospects for ultra-high temperature heat pumps PV Magazine An international research team has reviewed emerging solid state and gas cycle heat pumps capable of reaching temperatures of up to 1600 K **2B12** United States heat pump Home improvement expert shares top tips for residents considering

HVAC upgrades Yahoo! Shopping Other homeowners have attested to similar experiences after installing heat pumps Smart upgrades that slash monthly energy bills A heat pump is just

3 Alabama Alaska and Pennsylvania PM 2 POINT 5 Thousands Across Three States Told to Stay Inside **RAWSEP View** In Decatur and Cullman in Alabama the unhealthy air quality is from PM2 point 5 polluted air In Fairbanks Alaska the unhealthy air quality is from is from PM2 point 5 polluted air In the Liberty Clairton area of Pennsylvania the unhealthy air quality is from is from PM2 point 5 polluted air This article does not explain the source of the PM2 point 5 polluted air from Pennsylvania dipping into Alabama and up to Alaska The article does state that PM 2 POINT 5 can come from a variety of sources including emissions from vehicles or power and industrial plants dust from unpaved roads or construction sites **or smoke from fires and smokestacks** **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization** Newsweek February 10 2026 Thousands of residents in communities across parts of Alaska Pennsylvania and Alabama have been advised to stay indoors on Tuesday February 10 as pockets of fine particle pollution PM 2 POINT 5 have reached unhealthy and unhealthy for sensitive groups levels according to the Environmental Protection Agency EPA and National Weather Service NWS alerts Areas Affected By Unhealthy Air Quality According to the NWS alerts Fairbanks city in Alaska the Liberty/Clairton area including Clairton Glassport Lincoln Liberty and Port Vue and the Susquehanna Valley in Pennsylvania have been warned that the air quality is unhealthy for sensitive groups which include the elderly children and those with existing heart or lung conditions such as asthma A part of Alabama including Decatur Cullman and areas along Interstate 65 has been issued an unhealthy air quality warning reported by the EPA AirNow Map which measures and communicates the air quality across America Advice For Those Affected By Unhealthy Air Quality People in areas of Alaska and Pennsylvania with air quality that is considered by the EPA to be unhealthy for sensitive groups have been advised to make outdoor activities shorter and less intense Those with asthma should keep their quick relief medicine with them and those with heart disease should watch for symptoms including heart palpitations or shortness of breath and contact their health care provider as this could be a sign of a more serious health issue Everyone in the affected area of Alabama with air quality that has been classified as unhealthy should take steps to reduce their exposure to the polluted air They should either avoid or reduce the intensity and length of all outdoor activities especially those in sensitive groups

PM 2 POINT 5 Explained PM 2 POINT 5 are tiny particles of pollution that are 2 point 5 micro meters or less in size and are considered to be one of the most dangerous forms of air pollution This is because the particles are so small they can be unknowingly inhaled entering deep into the lungs and bloodstream triggering or worsening existing health issues or causing symptoms ranging from shortness of breath and chest tightness to eyes throat and nose irritation and coughing **PM 2 POINT 5 can come from a variety of sources including emissions from vehicles or power and industrial plants dust from unpaved roads or construction sites or smoke from fires and smokestacks** How The EPA Measures Air Quality The EPA communicates air quality conditions across the United States using the Air Quality Index AQI which is a standardized scale that measures air pollution and assigns it to one of six health related categories AQI Categories Good Green 0 to 50 Air quality is healthy and pollution poses little or no risk Moderate Yellow 51 to 100 Air quality is acceptable but unusually sensitive people may experience effects Unhealthy for Sensitive Groups Orange 101 to 150 Children older adults and people with heart or lung conditions may be affected Unhealthy Red 151 to 200 Everyone may begin to experience health effects and sensitive groups may experience more serious effects Very Unhealthy Purple 201 to 300 Health alert—there is an increased risk of serious effects for everyone Hazardous Maroon 301 plus Health warning of emergency conditions and the entire population is more likely to be affected

4 California **4A** California Davis PM 2 POINT 5 Exposure to intense wildfire smoke during pregnancy may be linked to increased likelihood of autism UC Davis Health They focused on wildfire related PM 2 POINT 5 or tiny particles of smoke about 30 times smaller than the diameter of human hair High-intensity **4B** California Orange County wood burning Should fireplace ashes be put

to use in garden amid record cold? Orange County Register Wood ashes from burned untreated wood can be beneficial for the Ash collects at the bottom of a wood burning fireplace Ash collects at [5](#) Colorado heat pump rebates DRCOG outlines Power Ahead Colorado 1 hundred million dollar EPA grant to scale heat-pump Citizen Portal AI heat pumps expert advising vetted installers and rebate support Potts said The board heard that Power Ahead is pursuing four integrated [6](#) Connecticut Hartford wood burning Record cold has fireplaces working overtime Should those ashes be put to use in the garden? Hartford Courant Wood ashes from burned untreated wood can be beneficial for your plants but with a few caveats Ashes contain nutrients like [7](#) Florida [7A](#) Florida heat pump rebate ANC Heating & Air Conditioning Inc Addresses Cold Climate Heat Pump Interest Florida Today As a certified contractor for NYSEERDA and other heat pump rebate programs ANC Heating & Air Conditioning Inc provides technical expertise to [7B](#) Florida Pasco County wood smoke Two Pasco schools reopen after brush fire smoke forces closures YouTube Two Pasco County Schools reopened Thursday after smoke from brush fires forced them to close Wednesday Go to channel Belko Wood A shocking find in [8](#) Indiana Fort Wayne wood burning Heating for livestock sparked fire that spread across 2 barns south of Fort Wayne MSN Daytona 500 Wildfire breaks out next to NASCAR racetrack blows smoke over speedway On3 Why the traditional wood burning fireplace is facing [9](#) Massachusetts Boston and Mattapan heat pump Boston is piloting a new type of heat pump that is as easy to install as a window AC New England News Collaborative Gradient Window mounted heat pump units recently installed at the Hassan Apartments in Mattapan Updated February 10 2026 Boston WBUR The main strategy of the city to reduce those emissions is to install heat pumps which use electricity to provide heating and cooling But putting in a [10](#) Michigan [10A](#) Michigan Detroit PM 2 POINT 5 Stagnant air snowmelt drive Southeast Michigan AQI higher Planet Detroit PM 2 POINT 5 is 30 times smaller than the width of a human hair and can lodge itself in lung cells and move into the bloodstream It comes from sources like [10B](#) Michigan Detroit wood smoke Why is there an air quality alert in Michigan? Snowmelt See current readings Detroit Free Press Reduce or eliminate activities that contribute to air pollution such as outdoor burning use of residential wood burning devices Here is more [10C](#) Michigan wood smoke Millions Warned to Stay Inside Close Windows in Michigan Newsweek smoke from getting indoors AirNow Map These types of activities include lighting outdoor fires and using wood burning stoves and candles [10D](#) Michigan PM 2 POINT 5 Why the Michigan sudden snowmelt is triggering Air Quality alerts MLive com particulate matter increasing PM 2 point 5 concentrations Light winds throughout today will decrease atmospheric dispersion which will allow for [10E](#) Michigan PM 2 POINT 5 Why the Michigan winter warm up came with an unexpected air quality warning MLive com As stated above we have had little to no wind this weekend so those released particulates are lingering in the stagnant atmosphere and the PM 2 point 5 [11](#) North Carolina [11A](#) North Carolina heat pump rebate Energy Save NC now available in all N C counties | Coastal Review rebates for making energy efficient improvements including installing heat pump heating and cooling systems and insulation Supporter Spotlight [11B](#) North Carolina heat pump rebate Governor Stein DEQ Announce Cost Saving Energy Program Now Available in All 100 Counties NC DEQ NC gov An eligible household can receive up to 16 thousand dollars in rebates for energy efficiency improvements such as heat pump heating and cooling systems and [12](#) Ohio Athens wood smoke Fire safety experts give advice on avoiding home fires during winter months The Athens Messenger smoke detectors with lithium ion batteries Martin said Other common Wood burning Stove Carbon Monoxide Detector Heat Transfer Smoke [13](#) Oregon Portland heat pump rebate Appliance aficionados help homebuyer after he shares eye watering utility bills from new house The Cool Down They said that they have two heat sources a heat pump and electric baseboard radiant heaters An e bike rebate program in Portland has shown [14](#) Pennsylvania PM 2 POINT 5 DEP Declares Code Orange Air Quality Action Day for Particulate Matter for Susquehanna Penn Watch dot org The Pennsylvania Department of Environmental

Protection DEP has declared a Code Orange Air Quality Action Day for fine particulate matter PM 2 POINT 5 [15](#) South Carolina wood smoke The SMOKE NOTICE SPRING BRANCH ROAD At 521 p m Horry County Fire Rescue was Facebook Amelia Keith Wood Highway 90 Corridor Concerns 3w · Public We saw the woods smoke come up in the skyline about 30 minutes ago and [16](#) Tennessee heat pump rebate Thousands of homeowners snag instant discounts after officials launch 13 hundred dollar water heater incentive The Cool Down Residents in the Tennessee Valley have been taking advantage of a generous heat pump water heater rebate thousands of people now have [17](#) Vermont Waitsfield wood burning Record cold has fireplaces working overtime Should those ashes be put to use in the garden? SFGATE Ash collects at the bottom of a fireplace as a wood fire burns in Waitsfield Vermont on Monday February 9 2026 [18](#) Virginia Richmond wood burning Record cold has fireplaces working overtime Should those ashes be put to use in the garden? Richmond News Sift the ashes through a compost sifter to remove pieces of burned wood and debris Buried embers may still be burning so take care and wear gloves [19](#) Washington [19A](#) Washington Seattle heat pump rebate An Oil Free City Seattle celebrates milestone as 2000 oil heated homes transition to Greenspace Seattle gov heat through rebate program by Households that transition to a heat pump can avoid 10000 gallons of expensive and polluting heating oil [19B](#) Washington Seattle wood burning Record cold has fireplaces working overtime Should those ashes be put to use in the garden? Seattle PI Wood ashes from burned untreated wood can be beneficial for your plants but with a few caveats [RAWSEP View](#) This article was published both in Washington State and Washington DC two rather disparate places both coming up with a somewhat specious reason for burning wood If you cannot afford fertilizer for your houseplants get a wood stove to supply you with ashes and at the same time produce unnecessary air pollution that shortens the lives of both your family and your near neighbors and concurrently hastens climate change!

[20](#) Washington DC [RAWSEP View](#) See the comment from RAWSEP on the article above [Back to the article headline](#) wood burning Record cold has fireplaces working overtime Should those ashes be put to use in the garden? WTOP Wood ashes from burned untreated wood can be beneficial for your plants but with a few caveats Ashes contain nutrients like potassium which

[21A](#) Wisconsin Eau Claire [RAWSEP View](#) Half Measures of getting your chimney cleaned in a halfhearted stab at public health and avoiding house fires by a Fire Department! Just do not burn wood to begin with! [From the article headline](#) wood burning House fire risk increases during winter months Here is how you can stay safe WPR fire inspector with Eau Claire Fire Rescue I cannot stress enough If you have a wood burning stove make sure your chimney is cleaned once a year

[21B](#) Wisconsin wood smoke Heating with wood A journey of a farmer from farm chores to modern comfort [RAWSEP View](#) A wood stove used only for decoration is purely up the alley of the [Editor of RAWSEP](#) Give that reformed wood burner a complimentary Heat Pump that works down to 40 degrees below in the colds of Wisconsin! That was the first fatal reaction of the [Editor of RAWSEP](#) but disappointingly this farmer moved from a wood stove to a larger form outdoors or other EPA certified forms of wood heating indoors using large amounts of wood that burn for longer periods than a conventional wood stove [RAWSEP cursory View](#) is that this is not good for the environment or for human health Even in rural Wisconsin this farmer is connected to an electric grid to which a perfectly clean Heat Pump can be attached Any belief that burning wood in an EPA certified stove is clean can be easily scientifically debunked The word sustainable has been warped out of all meaning in the context of air polluting wood burning A cut down burned tree replaced by a newly planted tree does not fit the description of being truly sustainable The newly planted tree takes decades or centuries to attain the size of the cut down burned tree and in those decades or centuries does not convert CO2 from wood burning to oxygen at the same rate as conversion would happen if the original tree had not been cut down and burned PM 2 POINT 5 from wood burning is also not converted into oxygen and the PM 2 POINT 5 in the air from nearby wood burning is also not absorbed by living trees because living trees close their pores against PM2 point 5 from nearby wood burning just as humans hold their breath in the presence of

PM2 point 5 from nearby wood burning And when a tree closes its pores the ability of the living tree to convert CO2 to oxygen diminishes as long as the pores of the tree are closed Self-sufficiency and holding yourself paramount is paradoxically a selfish objective also In the modern world where we are a community whether we want to be or not because we live in close proximity even in rural areas whether we want to or not Whatever touches you touches me eventually Whatever air pollution from wood burning that your near neighbor is forced to breathe eventually hastens climate change that affects everyone A traditional value we all surely remember in some form is do unto others as you would have them do unto you or Love your neighbor as yourself in the simplest terminology **From the article**

headline Wisconsin Farmer Nor do I have to cut and split endless chunks of wood to feed the wood stove I still have a wood burning stove but it is purely for decoration Heating with wood A journey of a farmer from farm chores to modern comfort CH February 10 2026 The original design from Ben Franklin **AI Overview** Heating with wood has evolved from demanding labor intensive farm chores to a modern efficient and comfortable home heating solution Modern EPA certified stoves and outdoor furnaces offer up to 83 percent efficiency with significantly reduced emissions allowing for sustainable cost effective heating that provides independence from rising energy costs Sustainability When managed correctly harvesting wood is a renewable energy source that can utilize dead or diseased trees improving forest health For many the transition to modern wood heat combines the traditional satisfaction of self-sufficiency with the comfort and efficiency of 21st century technology

22 Canada **22A** Canada British Columbia Vancouver heat pump rebate 2026 budget should protect rebates incentives that lower energy bills | Vancouver Sun Opinion Electric heat pumps reduce bills but too many households in BC cannot access savings if upfront costs stay out of reach **22B** Canada heat pump rebates The plan of Canada to combat climate change risks leaving the middle class behind Canada National Observer The former Better Homes program offered a flat predictable rebate with no income screening and no pre approval Homeowners installed a heat pump

23 Brazil Sao Paulo PM 2 POINT 5 Chronic PM 2 POINT 5 exposure and increased risk of hospitalization for kidney disease in São Paulo Brazil Nature Abstract Exposure to fine particulate matter PM 2 POINT 5 has been associated with an increased risk of chronic kidney disease CKD and

24 Ireland **24A** Ireland Dublin wood smoke Wood burning stoves linked to health risks as EU expected to tighten rules Dublin Live Up to 4 hundred thousand Irish homes use wood burning stoves but studies link them to air pollution and respiratory issues and the EU is expected to **24B** Ireland wood smoke Thousands of Irish households at risk as EU to review wood burning stove ban all you need to know Irish Mirror More than thirty thousand homes across Ireland rely on wood peat or log burning stoves as their main source of heating but new regulations could potentially

25 United Kingdom London heat pump What Homeowners Should Know About Maintaining Air Source Heat Pumps USA Today London As more homeowners transition to low carbon heating systems air source heat pumps are becoming an increasingly common alternative to

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization **AI Overview** What Homeowners Should Know About Maintaining Air Source Heat Pumps Homeowners should be aware of the following key points regarding the maintenance of air source heat pumps Regular Servicing It is recommended to have ASHPs serviced annually or biannually depending on usage and climate DIY Maintenance Homeowners can perform routine tasks such as filter cleaning and outdoor unit debris removal which should be done monthly or as needed during heavy use Professional Checkups Professional servicing involves multiple tasks aimed at optimizing performance and identifying issues before they worsen Signs of Needing Service Warning signs include reduced heating/cooling strange noises higher bills or unusual smells Warranty Considerations Manufacturer warranties generally require documented annual service to remain valid regardless of system age By following these guidelines homeowners can ensure their air source heat pumps operate efficiently reduce energy bills and extend the lifespan of their heat pump