

In Episode 57DGX 1A **Headlines The New York Times April 24 2025** 1C The Trump Tariffs Expected to Grind the German Economy to a Halt 1D Smoke From New Jersey Wildfire Could Blanket New York City 1E It is OK Chicago Your Air Was Actually Fine on Wednesday Some popular weather apps had reported a dangerously hazardous Air Quality Index **RAWSEP View** The resident owned Air Quality monitors the PurpleAir PM TWO POINT FIVE monitors did not experience a glitch and still reliably monitored the PM TWO POINT FIVE levels from indoor residential wood burning emissions entering the yards of near neighbors of indoor residential wood burners and sickening the near neighbors These hyperlocal PurpleAir PM2.5 monitors worked even when data from Google and Apple did not work on Breezometer maps **RAWSEP Key Excerpt from the article below which supports the idea of the reliability of PurpleAir** The editor of RAWSEP notes that the reporter takes a swipe at under three hundred dollar PurpleAir PM2.5 monitors saying they are less precise than ten thousand dollar EPA monitors PurpleAir does not have to be ultraprecise to provide helpful data because each monitor can monitor hyperlocally in areas that EPA PM TWO POINT FIVE monitors do not reach 2A **Headlines The Guardian April 23 2025** 3A **Headlines The New York Times April 23 2025** 4C **Texas At the Elon Musk Behest Voters Cast Ballots for a New Town: Starbase Texas** 1A **Headlines The New York Times April 24 2025** 1B **RAWSEP Quick Takes** Trump Tariffs continue to dominate the headlines although Tariffs change from day to day or perhaps because Tariffs change from day to day News today is that twelve states sue Trump over his tariffs China calls Trump reports of China United States Tariff Talks as baseless which shoots down the strategy as Tariffs forcing extortion of Trump foes which consist of most of the world for trade concessions Trump approval rating has been falling steadily which seems to be because Trump Tariffs are roiling the stock market News today is that Trump Tariffs are expected to grind the German Economy to a halt News about Musk is that he is expected to back away from his role in DOGE However this should not be news because Musk is limited to one hundred and thirty days working for DOGE because after that after that he can be categorized as a United States Government employee and he does not want that designation Jimmy Kimmel the Talk Show host has come up with the most memorable line about Musk this week as he says Musk has a plan to get out of DOGE as if he is a losing gunfighter News about Pete Hegseth is that he appears to be blundering into a forever war in Yemen However that blunder is not inevitable What has caught the eye of **the editor of RAWSEP** is that Hegseth is considering rehiring Defense Department employees that refused COVID 19 vaccinations during the pandemic This is the most unsettling news about Hegseth to date for the editor of RAWSEP since this rehiring endangers the health of military personnel and makes United States Defense appear weaker to the world This Hegseth stance against vaccination also risks spreading disease News about Ukraine is that the Ukraine War has caused extreme environmental damage Trump demands for Ukraine concessions to Russia are not just unacceptable to Zelensky but to the majority of the Ukraine people who elected Zelensky News about Science in the United States lead with stories about how glitches in Breezometer PM TWO POINT FIVE monitoring are making reports on air quality in Chicago unreliable Concurrently at a time when PM TWO POINT FIVE air quality monitoring is crucial for saving lives the New Jersey wildfire smoke is invading New York City Attention to Real vital news is being diverted by Trump irrelevant machinations to meddle into college accreditations to meddle into increasing oil and gas pollution and to meddle into rewarding use of cryptocurrencies thus increasing the possibilities of bilking the average United States consumer of hard earned money **The headlines** United States Trump and Tariffs 12 States Sue Trump Over His Tariffs The



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British Columbia Wood Smoke  
Bill Lewin · 11m ·

### How does domestic woodburning harm the climate?

Gas	117.8 lbs CO <sub>2</sub> /mmbtu
Coal	205.3 lbs
Wood	213 lbs

- Burning wood produces more CO<sub>2</sub> than burning oil, gas and coal for the same amount of heat or energy.
- When we cut down mature trees to burn, we lose a very efficient and irreplaceable solution to store CO<sub>2</sub>.
- New saplings, planted to replace mature trees that have been felled for burning, do not have the carbon storing capabilities of mature trees. These saplings may never reach maturity and risk succumbing to pests, diseases and wildfires.
- Burning wood produces more black carbon than other fuels. This soot covers snow & ice causing the surface to absorb more solar radiation and heat up faster, causing and accelerating melting.

**communitiesagainstwoodsmoke.com**

Communities Against Woodsmoke  
1h ·

Just a few reasons why burning wood is bad for our planet and accelerates climate change. For the science behind these facts and more, please visit our website  
#stopburningforestfuels #climatechange  
<https://www.communitiesagainstwoodsmoke.com/climate/>

New York Times China United States Trump and Tariffs Stocks Waver as China Calls Reports of US Tariff Talks Baseless The New York Times United States Trump and Tariffs The Trump Approval Rating Has Been Falling Steadily Polling Average Shows The New York Times United States Trump and Tariffs The Trump Tariffs Bump Into Reality as Economic Strategy Wavers The New York Times **Germany United States Trump and Tariffs The Trump Tariffs Expected to Grind the German Economy to a Halt The New York Times** United States and Musk Elon Musk Backs Away From Washington but DOGE Remains The New York Times United States and Musk Jimmy Kimmel Skewers the Elon Musk Plan to Get Out of DOGE The New York Times United States and Hegseth Opinion Pete Hegseth Blunders Into His Forever War The New York Times Ukraine How the Ukraine War Caused Extreme Environmental Damage The New York Times Ukraine If America Walks Away from Ukraine What Will Europe Do The New York Times Ukraine The Zelensky Red Line on Crimea Tied to Political Realities at Home The New York Times United States and Science and Preventive Medicine 17 Ways to Cut Your Risk of Stroke Dementia and Depression All at Once The New York Times **United States and Science and Air Pollution PM TWO POINT FIVE and Monitoring Glitch on Apple Weather and Google through Breezometer Shows Unreal and Scary Air Quality in Chicago The New York Times** United States and Science and Nature How Bats Drink White Flying Without Getting Splashed The New York Times United States and Science and Climate Change and Air Pollution Interior Department to Fast Track Oil Gas and Mining Projects The New York Times **United States and Science and Climate Change and Air Pollution Smoke From New Jersey Wildfire Blankets New York City The New York Times** Trump Miscellaneous United States and Politics and Democrats Opinion How Four Democrats Who Saved the Party Before Would Do It Again The New York Times United States and Trump attacks on Education Trump Signs Executive Order Targeting College Accreditors The New York Times Ukraine and Trump Money The Trump Latest Demands on Ukraine and a White House Crypto Contest The New York Times United States and Trump and Voter Privacy US Texts Barnard Employees and Asks if They Are Jewish The New York Times 1C The Trump Tariffs Expected to Grind the German Economy to a Halt The German government scaled back its prediction for 2025 to zero growth citing the turbulence caused by US tariffs as well as stubborn bureaucracy and high energy prices **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The New York Times April 24 2025 The Germany economy will not grow in 2025 the government said Thursday scaling back a previous prediction as the tariffs of Trump bite into the largest economy in Europe leaving it stagnant for the third year in a row In January the German government had predicted a zero point three percent economic growth but the Trump tariffs of twenty five percent on imported automobiles steel and aluminum threaten to hit the German export oriented economy hard as also might the turbulence in the markets caused by the yo yo nature of how the Trump tariffs have been imposed The German economy which is already suffering from weak foreign demand and reduced competitiveness is particularly affected by the US trade policy Robert Habeck the German economy minister told reporters in Berlin on Thursday A new German government take power after the expected next chancellor Friedrich Merz is sworn in on May sixth He has promised to spur growth aided by looser borrowing limits which will allow it to spend heavily on defense and infrastructure 1D Smoke From New Jersey Wildfire Could Blanket New York City The air in the city is unhealthy for some groups because of a fire that has been burning in the Pine Barrens since Tuesday **RAWSEP View** When air quality is hazardous it is hazardous for all groups of human beings not just some groups All groups will experience the same irritation of eyes and all groups will experience difficulty of



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## Ukraine's Ravaged Environment



Fires and smoke foul the air. Toxins seep into the earth and water. Habitats for wildlife disappear. Experts call it ecocide.

breathing when PM TWO POINT FIVE levels are high and above 100 micrograms per cubic meter from wood burning **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The New York Times April 24 2025

Much of the New York City region was under an air quality advisory on Thursday morning as smoke from one of the largest wildfires in New Jersey in two decades made its way north The fire which has been burning in Ocean County since Tuesday morning has grown to 13250 acres mostly in the heavily forested Pine Barrens Earlier this week the fire forced officials to shut down the Garden State Parkway miles and prompted the temporary evacuation of thousands of people in Ocean and Lacey Townships the New Jersey Forest Fire Service said Smoke from the fires spread over a large portion of New Jersey on Tuesday and Wednesday prompting **warnings about the air quality and at times irritating the eyes of people and making it difficult to breathe** By Thursday the smoke had spread to the north prompting an air quality health advisory that was in effect through the end of the day for New York City as well as Bronx Kings Queens Richmond Nassau Suffolk Westchester and Rockland Counties The New York State Department of Environmental Conservation warned that **the air quality index a measure of pollutants was likely to reach above 100 which means the air is unhealthy for sensitive groups like very young people or those with asthma or other respiratory problems** By 5 am the air quality index for the New York City region had reached 83 while Long Island was at 33 Newark was at 80 and Philadelphia at 77 Southwesterly winds on Thursday afternoon were expected to spread the wildfire smoke toward Long Island By Friday the smoke is expected to thin and clear as stronger winds develop and rain spreads to the region later in the day There have been no injuries and no homes were damaged as the fire has spread west through the mostly forested area of the Pine Barrens part of a containment strategy meant to protect homes closer to the coast Fire authorities said the blaze may become one of the largest wildfires in the state since 2007 when a flare dropped by an F 16 fighter jet ignited a fire that consumed 17000 acres Much of the state was at elevated risk for wildfires this week and by Wednesday the entire state was under a high rating Fuel like dry grass that would help any fire spread more easily has been especially dry as the southern part of the state remains in drought conditions Rain toward the end of the week is expected to give firefighters a helping hand in bringing the fire more under control 1E It is OK Chicago Your Air Was Actually Fine on Wednesday Some popular weather apps had reported a dangerously hazardous Air Quality Index **RAWSEP View** The resident owned Air Quality monitors the PurpleAir PM TWO POINT FIVE monitors did not experience a glitch and still reliably monitored the PM TWO POINT FIVE levels from indoor residential wood burning emissions entering the yards of near neighbors of indoor residential wood burners and sickening the near neighbors These hyperlocal PurpleAir PM2.5 monitors worked even when data from Google and Apple did not work on their Breezometer maps **RAWSEP Key Excerpt from the article below which supports the idea of the reliability of PurpleAir** The editor of RAWSEP notes that the reporter takes a swipe at PurpleAir saying it is less precise than \$10000 EPA monitors PurpleAir does not have to be ultraprecise to provide helpful data because each monitor can monitor hyperlocally in areas that EPA PM TWO POINT FIVE monitors do not reach **Excerpt From the Key Excerpt from the article** Not everyone was reporting the dangerous air quality levels though The Environmental Protection Agency EPA AirNow is a go to source for air quality data and uses high quality sensors that are closely monitored On Wednesday it showed good air quality in Chicago The PurpleAir PM TWO POINT FIVE monitor is also widely popular Its sensors are less precise but there are many more of them Its map often shows air quality levels that are poorer than those on AirNow but on Wednesday it too mostly reported



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A Donald Trump bobblehead on the floor of the New York Stock Exchange, 22 April 2025. Photograph: Richard Drew/AP

good levels The Chicago Department of Public Health confirmed that the air quality index in Chicago was at safe levels Wednesday though it declined to speculate on what might have caused the glitch in some apps **RAWSEP Key Excerpt about the Breezometer that incorporates additional data sources to AirNow and PurpleAir to the Breezometer PM TWO POINT FIVE monitor system that had the glitch** Both Apple and Google use the same source for their data: BreezoMeter a startup acquired by Google in 2022 The company says it uses many of the same sensors as AirNow and PurpleAir but also incorporates additional data sources in determining the Air Quality Index Late Wednesday a spokeswoman for Google said the mistakenly high readings were the fault of a third party monitoring station inaccurately reporting high measurements **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The New York Times April 23 2025 Readings from several popular weather apps had people across Chicago spending much of Wednesday wondering whether their air was safe to breathe until the dangerously unhealthy levels were revealed to be a glitch Early in the morning the Google air quality map showed that Chicago had the worst air in the country The weather app of Apple too showed that the Air Quality Index had climbed into the 400s a reading so hazardous that people are encouraged to stay indoors The Air Quality Index which ranges from 0 to 500 is a measure of the density of five pollutants in the air: ground level ozone particulates including PM Two Point Five carbon monoxide nitrogen dioxide and sulfur dioxide To put that in perspective that is as high as the levels reached in 2023 when smoke from wildfires in Canada blanketed much of the East Coast and turned the sky in New York City orange At those levels people are advised to stay indoors and a 24 year old woman did just that She checked her Apple weather app when she woke up and seeing unhealthy air quality levels skipped her morning walk The 24 year old woman instead headed down into her basement to retrieve her air filter I live on the northwest side and my area on the map was dark purple on the Apple radar so I am like No thanks I am just staying inside she said That color would indicate the air quality is at hazardous levels A 26 year old woman who lives in Old Town was also alarmed by the air quality readings She saw them in the 200s at 10 am on her Apple Weather app before watching them climb into the 400s later on She said she had thought the readings might be inaccurate but cloudy gray weather in the morning made it difficult to tell whether the air was polluted She closed her windows and texted screen shots of the dangerous air quality readings to her friends One blamed a garage fire Nothing pointed to the type of air quality levels that were being reported and they could not find any information on the local news or from public health officials Similar conversations unfolded across social media where people spent much of the day speculating about potential causes An explosion in Indiana as one person on Reddit suggested? The readings arrived just as the American Lung Association issued its annual State of the Air report which suggests that even days with good air quality in Chicago may be hard on the lungs It ranked the Chicago area 15th worst in the nation for ozone pollution with Los Angeles at No 1 A spokesperson said that when the air quality in the city reaches unhealthy levels the city works to assist residents and particularly vulnerable populations By around 5 pm local time both the Google maps and the Apple maps finally showed good air quality in Chicago then with the Apple weather app was still showing unhealthy air but the sun finally coming out the 26 year old woman decided it had all been a fluke She has previously lived in Los Angeles where she said she learned a dusty color around the sun was an indication that the air was polluted She did not see that in Chicago This is clearly inaccurate I thought she said **2A Headlines The Guardian April 23 2025** **3B RAWSEP Quick Takes** The editor of RAWSEP is inspired by Richard Branson a generous philanthropist as well as a



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## Actions you can take

Here's some actions you can take yourself to improve the air quality in your area.



Write to your MSP and insist that action be taken on the pollution caused by wood burning stoves. Find out who your MSP is [here](#)



Write to your MP and insist that action must be taken to ban the pollution caused by wood burning. Find out who your MP is [here](#). England and Wales are much further ahead than Scotland when it comes to this issue having already banned the sale of coal, wet wood and manufactured solid fuels.



Join [Environmental Rights Centre for Scotland](#) and help campaign for an up to date Clean Air Act and write to them to ensure that a wood burning ban is included in any Clean Air Act that is introduced



Email magazines and tv shows that promote wood burning stoves and fire pits as design features. Mums For Lungs have an excellent template letter that can be adjusted for that at the bottom of this page [here](#).



Respond to newspaper articles that run articles on wood burning and point out how hazardous it is for our health and the environment.



Reply to social media posts that promote wood burning and point out how bad it is for everyone's health and for the environment.



Have a conversation with neighbours about wood burning. See [this article](#) from Impact on Urban Health for guidance on how to do that.



Contact your local Air Quality Officer at the Environmental Health Department of your Local Authority and your local Councillor. Refer them to [this guide](#) that will give them some ideas on effective messaging to raise awareness amongst the public of the harm from woodsmoke and it's impact on air quality



Send us your story and experience of living with wood burning. [Email us here](#)



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successful business man who takes umbrage with the damage that Trump is doing to the world Pope Francis before his death had taken the time to write that the Latin motto JD Vance likes to refer to of love limited to family first and neighbors last was not compassionate [The headlines](#) United Kingdom Richard Branson accuses Trump of doing so much damage to the world Richard Branson The Guardian United States and Musk Tesla investors welcome the Elon Musk move to step back from Doge US politics live Italy What did Pope Francis think of JD Vance His view was more than clear Jan Werner Müller The Guardian [3A Headlines The New York Times April 23 2025](#) [3B RAWSEP Quick Takes](#) The polls about public approval of Musk show support for him is dismal and Tesla profits have also dropped But in Texas Musk has succeeded in pushing a vote in favor of creating a new town called Starbase [The Editor of RAWSEP](#) does not believe that the push to fire government employees is entirely a Musk idea and the [Editor of RAWSEP](#) believes that unwarranted firings of government workers will continue under Trump even after Musk leaves Trump doubles down on his mistakes when challenged unless stopped by other branches of government [Texas The headlines](#) United States and Musk What Polls Say About DOGE and Elon Musk The New York Times United States and Musk Tesla Profits Drop 71 Amid Backlash to the Elon Musk Role Under Trump The New York Times United States and Musk [3C Texas At the Elon Musk Behest Voters Cast Ballots for a New Town: Starbase Texas](#) It has been a rough patch for Musk but he is about to realize a dream for SpaceX its employees and for himself his own town on the southern tip of Texas Reporting from what is likely very soon to be the city of Starbase Texas [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) The New York Times April 23 2025 A lone banner along State Highway 4 announced the location on Tuesday of the only voting center in what is sure to be a newly incorporated town arising on a spit of land at the southern tip of Texas On the ballot: A measure to formally launch Starbase Texas the town long dreamed of by Elon Musk to be home to his rocket company SpaceX and its 3500 employees Voting was taking place appropriately enough at a SpaceX building usually closed to visitors It has been a tough few weeks for Musk Tesla announced on Tuesday its profits fell seventy one percent in the first three months of the year The Tesla stock price has been plunging But the Starbase vote is a bright spot for the megabillionaire Four years ago Musk began publicly suggesting a new name where SpaceX builds and launches its rockets And the boss wanted a real town With voting now underway that reality could be declared on May 3 Election Day when voting ends Only a few dozen voters came out on the first day of early voting There were just 279 people eligible to cast a ballot ninety percent of whom have flocked to the area and registered since the start of 2024 The proposed city at about 15 square miles would be populated almost exclusively by employees of SpaceX and their relatives Voting concludes on May 3 As small as the town may be Musk wanted it Down the beach two couples talked near their cars about the vote Both own vacation trailer homes in Brownsville and said they loved spending their winters along the Gulf The 60 year old woman said she enjoyed watching the rocket launches which shook the ground under her feet at home but worried about the ramifications the election could have on the beach I think if they have a city they will cut off access to the beach to us said the woman who lives in El Paso There are no checks and balances Her friend a 66 year old woman from Fairbanks Alaska had a similar concern It is beautiful down here with the beaches the draw Her 67 year old husband said Elon Musk is one of my heroes He is doing wonderful things for the country and for mankind As long as they do not ruin things his wife added Neither couple were eligible to vote in the election



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## Woodstove Pollution The Diseases of Wood Burning

**The woodsmoke poisons below create the diseases above**

PAHs (polycyclic aromatic hydrocarbons), Nitrogen Dioxide, PM10, PM2.5, Ultrafines (PMs less than 0.1 µm in diameter), Formaldehyde, Benzene, Toluene, Xylenes, Dioxins & Furans