

July 14, 2022, RAWSEP news paraphrased

## 1.The U.S. Midwest & the U.S. South Nebraska

### [Cause determined in Kearney mobile home fire - KSNB](#)

KSNB

**Smoke** coming from a trailer home in East Lawn Trailer Court in east Kearney ... Once on scene, firefighters found heavy fire on the **wood** porch and ...

RAWSEP View: In Kearney, Nebraska a mobile home fire started on a wood porch and moved into the mobile home. The cause of a fire has been determined in a mobile home fire in east Kearney. The Kearney Volunteer Fire Department was called out to the East Lawn Trailer Court just after 9 p.m. Tuesday for a structure fire. Once on scene, firefighters found heavy fire on the wood porch and into the mobile home.

Texas

### [McKinney requires hot work permit during outdoor burn ban - Community Impact](#)

Community Impact

The burn ban conditions include no open burning and no **wood-burning** fire pits or campfires. Residential grills and smokers are still allowed while ...

RAWSEP View: MCKINNEY, Texas (July 13, 2022) – The McKinney Fire Department (MFD) is endorsing Collin County's outdoor burn ban within the incorporated limits of the City of McKinney. As a result, **MFD requires hot work permits for those performing hot work or cutting and welding outdoors.**

## 2.The U.S. Northeast

New York

### [DEC Issues Fire Danger Reminder - NYS Dept. of Environmental Conservation](#)

New York State Department of Environmental Conservation

Move rocks as there may be **burning** embers underneath. Fire safety tips for **burning wood** or brush: Never **burn** on a windy day;; Check and obey all ...

RAWSEP View: The Department of Environmental Conservation (DEC) in New York State issues a fire danger reminder.

New York, Long Island

### [Air Quality Health Advisory Issued for Long Island](#)

New York State Department of Environmental Conservation

Additional information on ozone and **PM 2.5** is available on DEC's website and on DOH's website (leaves DEC website). The Thursday, July 14, ..

RAWSEP View: Air Quality Health Advisory issued for Long Island for ozone and PM 2.5.

## 3.The U.S. West Coast & South America

Caribbean Countries

### [Caribbean countries are the least polluted in world - Voice Online](#)

Voice Online

Followed by Chad, Pakistan, Tajikistan and India. The research measures the annual average concentration of **PM 2.5** in each country in micrograms and ...

RAWSEP View: Caribbean countries are the least polluted in the world with PM 2.5, according to this article.

Oregon, Eugene

## [The Future Is Electric - Eugene Weekly](#)

Eugene Weekly

Homes acquired electric lights, but most still used propane cook stoves and water heaters and **wood burning** stoves for home heating.

RAWSEP View: **Crow** is an [unincorporated community](#) in [Lane County, Oregon, United States](#). Crow post office was established in 1874 and named after community founders James Andrew Jackson Crow and Helen Frisk Crow, pioneers who came to Oregon by [wagon train](#).<sup>[1]</sup> The [Coyote Creek Bridge](#), a [covered bridge](#) in Crow and the site of an Indian massacre, has been on the [National Register of Historic Places](#) since 1979.<sup>[2]</sup> In excerpts from a Eugene, Oregon letter to the editor, the writer said “Electric power came to our rural area near Crow in 1938. Homes acquired electric lights, but most still used propane cook stoves and water heaters and wood burning stoves for home heating. At that time rural residents didn’t know about the harmful effects of gas and wood heaters on their home indoor air quality. They couldn’t yet see the destruction to our climate caused by their heating sources. Highly efficient ductless electric heat pumps are replacing wood stoves. These new electric appliances and equipment are cheaper to run and more reliable, quieter, and free of health-harming pollutants and emissions.”

### 4.Canada

### 5.Australia

### 6.New Zealand

### 7.U.K. & Ireland

Ireland

## [Government confirms restrictions on sale of turf, smoky coal and wet \*\*wood\*\* - Agriland](#)

Agriland

Manufactured part biomass products must have a **smoke** emission rate of less than 5g/hr;; Coal products and manufactured solid fuels, including ..

RAWSEP View: According to RAWSEP solid fuel burning, including wood burning produces the PM 2.5 pollutant that is injurious to human health. The author of this article quotes a TD in Ireland who is against new solid fuel sale restriction in Ireland. TD stands for Teachta Dála, or Member of the Irish Parliament. Excerpts from the article: “Following the announcement that the government has agreed draft regulations on the sale and use of solid fuels, including turf, one TD has slammed the proposals.”” The [new regulations](#) will also prohibit the sale of wood logs which do not have a moisture content of 25% or less, moving to 20% by September 1, 2025.” ““The vast majority of ordinary people in rural Ireland will react with bewildered incredulity at the farcical requirements and the new prohibitions being fostered upon them,” the TD argued.”

## [Government agrees new regulations on solid fuels - gov.ie](#)

Government of Ireland

Coal products and manufactured solid fuels must have a **smoke** emission rate ... to come with instructions for the purchaser on how to dry this **wood**.

RAWSEP View: Ireland government agrees on new regulations on solid fuels, including wood fuels.

### 8.Germany in the European Union, & Europe

### 9.Nigeria in Africa

## [SPECIAL REPORT: Facing high wheat prices, Nigerian bakers turn to potato puree](#)

Premium Times Nigeria

... milky yellow loaves stand arranged on shelves and the scent of baking, mingled with light **wood smoke**, warm the morning air.

RAWSEP View: According to RAWSEP, wood burning stoves produce PM 2.5 which is injurious to human health. Facing high wheat prices, Nigerian bakers turn to potatoes for sustenance. They use wood burning stoves, according to this

article. Excerpts from the article tell the story. “Consistent electricity is a tall order in Nigeria, which has **one of the lowest levels of electricity consumption in the world.**” “Since the outset of hostilities in February, the Russia-Ukraine war has kept crude oil prices volatily high, above \$100 per barrel, and in Nigeria, which imports nine out of every ten litres of diesel it consumes, energy costs are hitting new highs. Rotary oven, the oven type many bakeries use, is powered by diesel, whose price has surged at least three-fold since the year started and might rise further.” ““When I started baking, I started using the firewood oven before I bought my first rotary oven,” said the owner of a Nigerian Bakery. “Cost of firewood here is something else. We have to go far to get firewood. You know it’s not easy. But I’m using a rotary oven.” “On account of irregular electricity in her bakery location, the baker has been using an industrial oven powered by firewood right from the time she started, implying only her mixer and mixing machine use electricity or diesel. ““Because we buy it in the truck, we can buy firewood of like N150, 000 (\$365.1) and use it for a minimum of three weeks,” she said, suggesting that she is doing well to weather the energy crunch.” “Because of the increase in the price of diesel, we use N2,000 worth of diesel every day. Before, we used N2,000 diesel for four, or five days. Then we were buying it N200, now it’s N650, N700 (per litre) in Nnewi.”” “Even though the firewood use raises questions about sustainability and carbon emission, they are not likely to pose a real threat at least for now given Africa’s slow march towards cleaner energy.”

## 10.India in Asia & Pacific Islands

India, Kolkata

[Kolkata's transport, industry, municipal solid waste sector cause two-thirds of the city's air pollution](#)

Times Now

SAFAR has for the first time mapped the sources of PM (Particulate Matter) pollutants like PM 10 and **PM 2.5** with a resolution of 400 metres. The Dhapa ...

RAWSEP View: PM 2.5 is a concern in Kolkata, India.

Samoa

[UPDATE: Crews contain wood chip fire and second flare up in Samoa - KRCR](#)

KRCR

According to the Samoa Peninsula Fire District, the **burning** material was hog fuel, a highly flammable mix of **wood** materials that can contain **wood** ...

RAWSEP View: Samoan crews contain wood chip fire, and a second flare up.

## 10.5 Technology & Research Papers

PM 2.5 & Kid's Brains

[Air pollution can harm kids' brains - Futurity](#)

Futurity

Researchers also reported that higher exposures to small-particle air pollution (**PM2.5**) when children are 2 to 4 years old was associated with ...

RAWSEP View: PM 2.5 exposure to children 2 to 4 years has been shown to harm kid’s brains.

## 11.The Future