

11/24/2023

**Residents Against Wood
Smoke Emission
Particulates**

JEOPARDY!

Dirty Wood Burning Plants JEOPARDY BOARD

FINAL JEOPARDY

Wood Burning
Power Maine

Wood Burning
Power California

Wood Burning
Wisconsin

Coal Burning,
Wood burning

Gas Burning,
Wood Burning

\$100

\$100

\$100

\$100

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Dirty Wood Burning Plants JEOPARDY BOARD

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\$500

Topic 1 - \$100 Question

6th and 5th Dirtiest
Wood Burning
(Biomass) Power
Plants in Maine?

Click to see answer



Topic 1 - \$100 Answer

6th Dirtiest Wood Burning

Plant: Woodland in

Washington County, Maine

and

5th Dirtiest Wood Burning

Plant: Somerset in

Somerset County, Maine

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Topic 1 - \$100 Answer

6th Dirtiest Wood Burning

Plant: Woodland in

Washington County, Maine

and

5th Dirtiest Wood Burning

Plant: Somerset in

Somerset County, Maine

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Topic 1 - \$200 Question

4th dirtiest Wood
Burning (Biomass)
Power Plant in
Maine?

Click to see answer



Topic 1 - \$200 Answer

4th Dirtiest Wood

Burning Plant:

MMWAC in

Androscoggin County,

Maine

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Topic 1 - \$300 Question

3rd Dirtiest Wood
Burning (Biomass)
Power Plant in
Maine?

Click to see answer



Topic 1 - \$300 Answer

3rd Dirtiest Wood

Burning Plant:

Penobscot in

Penobscot County,

Maine

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Topic 1 - \$400 Question

2nd Dirtiest
Wood Burning
Power Plant in
Maine?

Click to see answer



Topic 1 - \$400 Answer

2nd Dirtiest Wood
Burning Plant:
Rumford in Oxford
County, Maine

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Topic 1 - \$500 Question

Dirtyest Wood
Burning (Biomass)
Power Plant in
Maine?

Click to see answer



Topic 1 - \$500 Answer

1st dirtiest Wood
Burning Plant:
Regional Waste in
Cumberland County,
Maine

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Topic 2 - \$100 Question

First, Second and Third
(alphabetically) of 15
Biomass Plants in
California: Name and
(location)

Click to see answer



Topic 2 - \$100 Answer

1) Buena Vista

(Buena Vista)

2) Burney Forest

(Johnson Park)

3) Covanta

(Stanislaus County)

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Topic 2 - \$200 Question

Fourth, Fifth and Sixth
(alphabetically) of 15
Biomass Plants in
California: Name and
(location)

[Click to see answer](#)



Topic 2 - \$200 Answer

4) Desert View

(Mecca)

5) Dinuba (Reedley)

6) Fairhaven

(Fairhaven)

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Topic 2 - \$300 Question

Seventh, Eighth, and Ninth (alphabetically) of 15 Biomass Plants in California: Name and (location)

Click to see answer



Topic 2 - \$300 Answer

7) Honey Lake

(Lassen County)

8) Loyalton (Loyalton)

9) Mount Poso

(Kern County)

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Topic 2 - \$400 Question
Tenth, Eleventh and
Twelfth
(alphabetically) of 15
Biomass Plants in
California: Name and
(location)

Click to see answer



Topic 2 - \$400 Answer

10) Pacific (Tuolumne County)

11) Port of Stockton (Stockton)

12) Rio Bravo Fresno (Fresno)



Topic 2 - \$500 Question
Thirteenth, Fourteenth
and Fifteenth
(alphabetically) of 15
Biomass Plants in
California: Name and
(location)

Click to see answer



Topic 2 - \$500 Answer

13) Rio Bravo Rocklin
(Whitney)

14) Wheelabrator Shasta
(Anderson)

15) Woodland (Woodland)



Topic 3 - \$100 Question

1st and 2nd

(alphabetically) of 9

Biomass Plants in

Wisconsin: Name and

(location)

Click to see answer



Topic 3 - \$100 Answer

- 1) Bay Front
(Ashland County)
- 2) Flambeau River
(Price County)



Topic 3 - \$200 Question

3rd and 4th

(alphabetically) of 9

Biomass Plants in

Wisconsin: Name and

(location)

[Click to see answer](#)



Topic 3 - \$200 Answer

3) French Island

(LaCrosse County)

4) Kaukauna

(Outagamie

County)

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Topic 3 - \$300 Question

5th and 6th

(alphabetically) of 9

Biomass Plants in

Wisconsin: Name and

(location)

Click to see answer



Topic 3 - \$300 Answer

5) Manitowoc

(Manitowoc

County) 6) Mosinee

(Marathon County)



Topic 3 - \$400 Question

7th and 8th

(alphabetically) of 9

Biomass Plants in

Wisconsin: Name and

(location)

Click to see answer



Topic 3 - \$400 Answer

7) Nekoosa
(Wood County)

8) Rothschild
(Marathon County)



Topic 3 - \$500 Question Last 1

(alphabetically) of 9
Biomass Plants in
Wisconsin: Name and
(location)

Click to see answer



Topic 3 - \$500 Answer

10) Wisconsin
Rapids
(Wood County)

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Topic 4 - \$100 Question

Which type of burning emits more CO₂ and PM_{2.5}, coal burning or wood burning?

[Click to see answer](#)



Topic 4 - \$100 Answer

Wood Burning emits more CO₂ and PM_{2.5} than Coal Burning.

PM_{2.5} is Particulate Matter of 2.5 micrometer size.



Topic 4 - \$200 Question

What are the health effects of breathing PM_{2.5}?

Click to see answer



Topic 4 - \$200 Answer

PM2.5, particulate matter of 2.5 micrometer size, is the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths.

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Topic 4 - \$300 Question

How is \$229 resident owned PurpleAir PM2.5 monitor data correlated to \$100,000 Environmental Protection Agency (EPA) PM2.5 monitor data, on EPA AirNow Maps of Smoke and Fire?

[Click to see answer](#)



Topic 4 - \$300 Question

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[Click to see answer](#)



Topic 4 - \$300 Answer

\$229 resident owned PurpleAir
PM2.5 monitor data is
correlated to \$100,000
Environmental Protection
Agency (EPA) PM2.5 monitors
with a simple mathematical
formula

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Topic 4 - \$400 Question

Is \$229 resident owned PurpleAir PM2.5 monitor data (collected every 10 minutes) correlated to \$100,000 Environmental Protection Agency (EPA) PM2.5 monitor data with the simple mathematical formula?

(in Wisconsin,
for example)

$$(PA \times 0.514) + 1.8304$$

Click to see answer



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Click to see answer



Topic 4 - \$500 Question

Are there more PurpleAir
PM2.5 monitors on AirNow
Maps of Smoke and Fire than
\$100,000 EPA PM2.5
monitors?

Click to see answer



Topic 4 - \$500 Answer

1) There are more PurpleAir PM2.5 monitors on AirNow Maps of Smoke and Fire than \$100,000 EPA PM2.5 monitors, and

2) PurpleAir PM2.5 monitors are usually hyper-localized closer to indoor residential wood burners, whose PM2.5 wood smoke pollution sickens near neighbors.

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Topic 4 - \$500 Answer

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Topic 5 - \$100 Question

Which type of burning emits more PM2.5, natural gas burning or wood burning (even Ecodesign Wood burners in the United Kingdom)?

Click to see answer



Topic 5 - \$100 Answer
Wood burning (even in
Ecodesign wood
burners in the United
Kingdom) emits 450
times the PM2.5 as
natural gas burning.

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Topic 5 - \$200 Question

How can near neighbors of indoor residential wood burners whose PM_{2.5} wood smoke pollution sickens the near neighbors, gather evidence of ambient air quality levels above NAAQS?

[Click to see answer](#)



Topic 5 - \$200 Question

How can near neighbors of indoor residential wood burners whose PM_{2.5} wood smoke pollution sickens the near neighbors, gather evidence of ambient air quality levels above NAAQS?

[Click to see answer](#)



Topic 5 - \$200 Answer

Near neighbors of indoor residential wood burners whose PM2.5 wood smoke pollution sickens them can gather evidence of ambient air quality levels above NAAQS with hyper-localized PurpleAir PM2.5 monitors

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Topic 5 - \$200 Answer

Near neighbors of indoor residential wood burners whose PM_{2.5} wood smoke pollution sickens them can gather evidence of ambient air quality levels above NAAQS with hyper-localized PurpleAir PM_{2.5} monitors

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Topic 5 - \$300 Question

What is Residents Against Wood Smoke Emission Particulates (RAWSEP's) grant going to do for near neighbors of indoor residential wood burners whose smoke sickens the near neighbors?

Click to see answer



Topic 5 - \$300 Question

What is Residents Against Wood Smoke Emission Particulates (RAWSEP's) grant going to do for near neighbors of indoor residential wood burners whose smoke sickens the near neighbors?

[Click to see answer](#)



Topic 5 - \$300 Answer

Residents Against Wood Smoke Emission

Particulates (RAWSEP's) grant will be

written to 1) Hand out PM2.5 monitors to

near neighbors of indoor residential wood

burners whose wood smoke PM2.5 sickens

the near neighbors. And 2) subsidize and

hand out Heat Pumps that work at 40

degrees below zero (the temperature

scales of Fahrenheit and Centigrade

converge briefly at 40 below), the clean

alternative for home heating.

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Topic 5 - \$300 Answer

Residents Against Wood Smoke Emission

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Topic 5 - \$400 Question

What states and regions is the RAWSEP grant being written for?

Click to see answer



Topic 5 - \$400 Answer

1) 1) The Contra Costa, Humboldt, and San Francisco counties of California.

2) 2) The Dane, Iowa, Richland and Vernon counties of Wisconsin.



Topic 5 - \$500 Question

Will there be a survey?

Click to see answer



Topic 5 - \$500 Answer

Yes, there will be a survey.

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FINAL

JEOPARDY!

Click to see question



Final Jeopardy Question

Will there be a survey?.

Click to see answer



Final Jeopardy Answer

Email rawsepresidents@gmail.com

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