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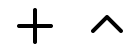
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(/profile/01sQjzCnCCFY9LDms/?is=detail_author)

David Wood (/profile/0

29 Jan (/p/s3gcndZ3R: **Chats**



Q Search for

Lawn Service
House Cleaning

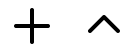
Ah, the smell of fresh Rocky Flats nonsense!

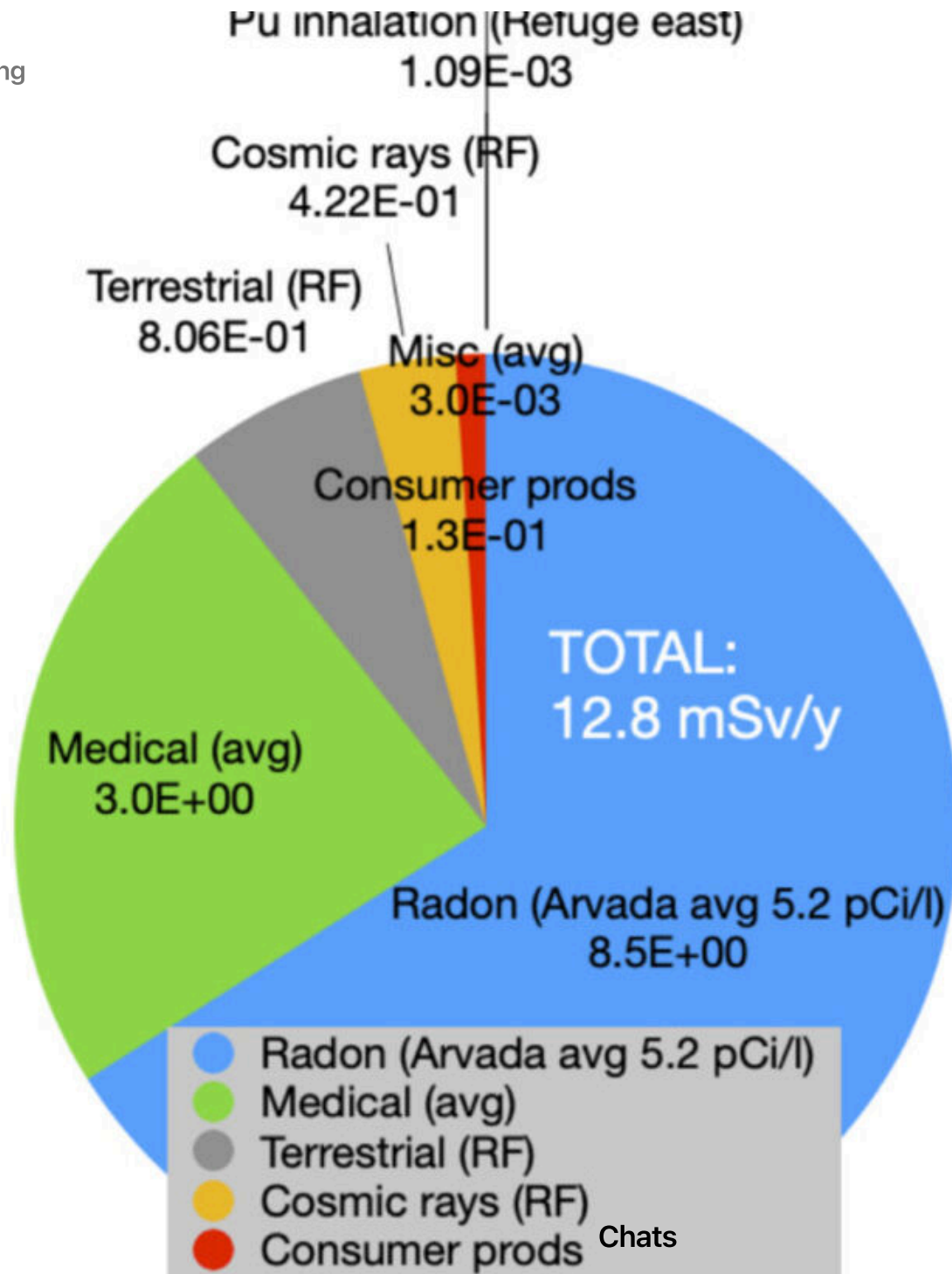
By choosing to not live around the Refuge, lots of people have raised the average IQ of people who DO. The most opinionated are those who live farthest away. A new version of <https://rockyflatsneighbors.org> (<https://rockyflatsneighbors.org>) has been out for a couple of months. Take a look. The pie chart attached holds if you lived on the eastern margins of the Refuge, smack dab in the middle of the Pu plume downwind of 'Pad 903'. This includes hot particles measured by Michael Ketterer, which contribute less than 0.5 pCi/g where they are present. The 'median' (half of samples above, half below) Pu soil concentration for Rocky Flats (Refuge + the DOE-controlled Central Operable Unit) is about 0.1 pCi/g; the cleanup (negotiated) `standard' is 50 pCi/g. Worried about the Jefferson Parkway 8.8 micron 'hot particle' sample? To raise your cancer risk by 1% you'd need to inhale about 1400 of these; given the thousands of sampling points that showed no hot particles, how likely is this? For the hot particles found by Ketterer, you'd need to inhale 190,000.

Yet another doomed procedural lawsuit (by the usual gang) was filed on January 8. It eats my lunch that the science is crystal clear while tens of thousands of taxpayer dollars are spent defending public officials from spurious complaints by ignorant anti-nuclear groups.



Chats







19



Reactions

- ❤️ 22
- 😊 0
- +1 0
- 😄 0
- 😮 0
- 😞 1



(/profile/018D7xLDbXHDqhnY8/?is=feed_commenter)

Lange Patrick (/profile/018D7xLDbXHDqhnY8/?is=detail_...)

Thanks for your work David! As realtors, we do get questions around this subject. Your website is a very helpful resource we can point people to.

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(/profile/01mdgmpbGP6Jg7Fyb/?is=feed_commenter)

Wendy F. (/profile/01mdgmpbGP6Jg7Fyb/?is=detail_...)

Thank you for the information. Like asbestos, moving forward I rather not see a single hot particle disturbed. That's just my opinion. We live in a world where chemicals, environmental, and food risks all add up and have made so many people sick, or shortened their lives. There are common sense ways to avoid some of it.

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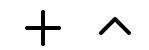


(/profile/01hzX93qRgBmTkwLr/?is=feed_commenter)

Tom Mills (/profile/01hzX93qRgBmTkwLr/?is=detail_...)

As a geologist who actually worked at Rocky Flats including PAD 903 (in level B PPE of course) and a resident of Leyden Rock, I agree 100% with the 'let sleeping dogs lie' sentiment. There is very little to no risk as is, however, as soon as you start

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intrusive soil operations all bets are off. There were some serious hazards and not all of them were radiation.

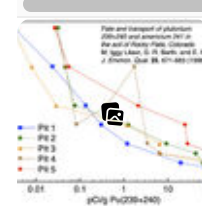


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David Wood (/profile/01sQjzCnCCFY9LDms/



Tom--thanks for the remarks. As far as I know, there are NO plans to be disturbing anything inside the (DOE-controlled)

COU. People might be interested to see results for sample pits pre-cleanup, bearing in mind that 100cm is 39 inches deep, and that 36 inches was scraped off. Also, look at the sampling locations and values (post-scrape and before adding 3 feet of topsoil) INSIDE the COU. More soon on <https://rockyflatsneighbors.org>

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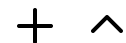
(/profile/01fWTnY7hCmYy3P3_/?is=feed_commenter)

Michael Reilly (/profile/01fWTnY7hCmYy3P3_/?is=de



Actually I thought it was the opposite, anyone with an IQ above room temperature would not live in Candelas. From 2014 to 2018 I monitored the weather radar images, which show bright radar reflections over Candelas. I have dozens of screenshots of this and will attach some here as an example. The air is ionized by the radioactive particles in the soil, and as it rises with the warmth of the day, it reflects the radar signal. It turns out that the Argonne National Lab used this reflectivity to monitor Russian underground nuclear tests. If you want to challenge my IQ or credentials on

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this, I do have a degree in Physics from the University of Cambridge (England). Oddly, once I brought this to the attention of the chief medical officer for JeffCo, who seemed interested, the reflections suddenly stopped. I suspect they changed the frequency of the radar.

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Anthony C. (/profile/01zxSRsx54p_R7zwX/?is=feed_commenter)

Michael (/profile/01fWTnY7hCmYy3P3_/), thank you for your knowledge on the subject.

So, if changing the radar frequency can eliminate the reflections, could it also be that during the period you monitored the reflections that the radar was inaccurately showing reflections due to an incorrect frequency setting - perhaps over amplifying the reflections? Just curious.

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(/profile/01ss9BWktNy4WRP9X/?is=feed_commenter)

Rich Hansen (/profile/01ss9BWktNy4WRP9X/?is=feed_commenter)

Thank you David. I've lived around Rocky Flats for 71 years. I've raised 5 daughters and have 11 grandchildren. Everyone's health is excellent! I'd sure like to see the anti nuclear folks in Colorado to dig some dirt in there backyard and compare it to Rocky Flats. Colorado has background radiation every where! (Trace amounts).

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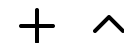


(/profile/01sQjzCnCCFY9LDms/?is=feed_commenter)

David Wood (/profile/01sQjzCnCCFY9LDms/?is=feed_commenter)

Credentials *are* important when it comes to Rocky Flats. (You may examine mine at rockyflatsneighbors.org)

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(<http://rockyflatsneighbors.org>) .). The Jeffco 'chief medical officer' Mark Johnson (recently retired) decided to cast science aside in favor of the conspiracy theorists, having had 30 years to acquaint himself with the science and having failed to do so. My favorite: not enough is known about Rocky Flats. Read more about other luminaries of the anti-Refuge groups at <https://rockyflatsneighbors.org/meet-the-anti-refuge-activists/> (<https://rockyflatsneighbors.org/meet-the-anti-refuge-activists/>). By the way, Pu contributes less than 1% of total soil radioactivity and a tiny fraction of alpha activity.

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(/profile/01hKPXmhFnZz9Hbs5/?is=feed_commenter)

Danny a. (/profile/01hKPXmhFnZz9Hbs5/?is=detail_

Good Luck! As a Pioneer, I know It was supposed to be a wildlife refuge, but it was not safe enough for the animals to eat what was coming up from the ground. The land is Contaminated and Poisoned and is Spreading. No Conspiracies, just simple research and common sense. The homes are built, so the choice is yours.

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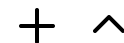


(/profile/01sQjzCnCCFY9LDms/?is=feed_commenter)

David Wood (/profile/01sQjzCnCCFY9LDms/?is=det

Simple research and common sense have failed for the anti-Refuge groups for 35 years or so. What is most disturbing is (thanks, Will Rogers) "not what people don't know, it's what they know for sure that just ain't so." For all: The 50 pCi/g limit (nominally; 36.5 pCi/g from the research pre-cleanup) was selected to permit 'resident farmers' and their families to live on the land, eating what they grew on the land, drinking the

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water, and eating fish and livestock raised there too. As noted earlier, the median Pu contamination (half samples above, half below) is about 0.1 pCi/g. On the other hand, the median activity from natural alpha particle emitters in Rocky Flats soil is about 17 pCi/g; from beta emitters: 30 pCi/g. My 'simple research' tells me this, and my common sense is extremely reassuring. No more from me for a while.

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[\(/profile/01Bs7QJknbLmftqyf/?is=feed_commenter\)](/profile/01Bs7QJknbLmftqyf/?is=feed_commenter) Buyer beware!

John Dunham (</profile/01Bs7QJknbLmftqyf/?is=detail>)

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[\(/profile/01JLGsg7y4Hh4nqtd/?is=feed_commenter\)](/profile/01JLGsg7y4Hh4nqtd/?is=feed_commenter)

Chuck Patterson (</profile/01JLGsg7y4Hh4nqtd/?is=d>)

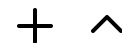
Excellent group and information. Thanks for helping to dispel the fog of dread and paranoia that accompanies fear mongering misinformation (RMPJC!). Once an element is declared "ritually unclean", people lose their minds and common sense about it. That applies to all the "toxins du jour" like fluoride, asbestos, PFA's, for God's sake, and a myriad of other substances for which a simple understanding of toxicology would alleviate most of the "dread" factor. People tend to be easily hypnotized sheep when drawn to a social movement that appears virtuous. I taught toxicology for decades and I tried to convince folks on how to use the basic principles but they still succumb to group think and superstition

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Kelly Peterson (/profile/01MCjQPHnyWtdP--J/?is=detail_)

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1 particle of dust = 0.05-100 microns
1 human sneeze = thousands of particles 10-100 microns
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(/profile/01zxSRsx54p_R7zwX/?is=feed_commenter)

Anthony C. (/profile/01zxSRsx54p_R7zwX/?is=detail_

David, you are obviously very well schooled in this scientific area of study. I am curious though if you actually have a "dog in this fight" or if just expressing your frustration with the science or lack of science driving this lawsuit and ultimately costing taxpayers.

No opinion from me either way, just curious.

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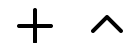
(/profile/01sQjzCnCCFY9LDms/?is=feed_commenter)

David Wood (/profile/01sQjzCnCCFY9LDms/

Anthony (/profile/01zxSRsx54p_R7zwX/)

: Thanks for asking! I was incredibly busy at the time my wife were deciding where to live in 2013. We liked Candelas but there was huge amounts of misinformation out in public. I did what due diligence (three soil samples measured for Pu by the CDPHE lab, and a crude survey of surface radioactivity--including alpha particles--along the Front Range) I had time for, we moved in. Then I was determined to make sure that no one else would have to wade through all the nonsense I did, so as I understood various topics to my own satisfaction, I wrote them up. I set up the website in 2018. Anti-nuclear groups love to accuse me and my collaborator Kim Griffith with acting as shills for developers, and trying to protect property values. But my main 'dog in the

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fight' is that I have the expertise to explain to others what they need to know. Ultimately, inspection of the credentials and tactics of the anti-nuclear groups are all you really need to know, however.

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Anthony C. (/profile/01zxSRsx54p_R7zwX/?is=feed_commenter)

David (/profile/01sQjzCnCCFY9LDms/), thanks for the feedback. Your research is interesting to read. Always awesome to see people share their efforts and knowledge.

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(/profile/01THkyLSPkybTtbj5/?is=feed_commenter)

Daniel Sacco (/profile/01THkyLSPkybTtbj5/?is=detail_...)

Half life of a radon particle 6-8 days. Half life of a plutonium particle essentially forever. Not really comparable

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(/profile/01sQjzCnCCFY9LDms/?is=feed_commenter)

David Wood (/profile/01sQjzCnCCFY9LDms/?is=detail_...)

Apart from the fact that there are no 'radon particles' (it's a gas), it is the decay daughters of radon (which are attracted to dust particles which can be inhaled), the half-life of potassium 40 (the dominant soil radionuclide) is more than 1 billion years, of U238 (the parent of a large number of soil radionuclides) is 4.5 billion years, and of thorium 232, 14 billions years, older than the universe. Short half life = high radioactivity; that's why isotopes used for medical imaging have SHORT (hours-days) half-lives.

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