

« [Nuclear Peril: “Beginning of a 3-5 year effort” says expert — Risk that Japan could “export its nuclear problems” via air and sea -NYT](#)

[EPA: Radioactive Iodine-131 levels in PA & MA rainwater “exceed maximum contaminant level permitted in drinking water” »](#)

Radioactive Iodine-131 in Pennsylvania rainwater sample is 3300% above federal drinking water standard

March 29th, 2011 at 10:11 PM



www.IonizersReviewed.com

Ads by Google

1039

62

1

148

1288

[Share](#)

[Stumble](#)

[Email](#)

[Share](#)

[Governor Corbett Says Public Water Supply Testing Finds No Risk to Public From Radioactivity Found in Rainwater, Pennsylvania Office of the Governor, March 28, 2011:](#)

[Emphasis Added]

... The [Iodine-131] numbers reported in the rainwater samples in Pennsylvania range from **40-100 picocuries per liter (pCi/L)**. Although these are levels above the background levels historically reported in these areas, they are still about 25 times below the level that would be of concern. **The federal drinking water standard for Iodine-131 is three pCi/L.** ...

On Friday, rainwater samples were taken in Harrisburg, where levels were 41 pCi/L and at nuclear power plants at TMI and Limerick, where levels were 90 to 100 pCi/L.

Corbett emphasized that the drinking water is safe and there is no cause for health concerns. ...

“Rainwater is not typically directly consumed,” Corbett said. “However, people might get alarmed by making

what would be an inappropriate connection from rainwater to drinking water. By testing the drinking water, we can assure people that the water is safe.” ...

Read the release [here](#).

See also: [EPA: Radioactive Iodine-131 levels in PA & MA rainwater “exceed maximum contaminant level permitted in drinking water”](#)

Read more:

- [EPA: Radioactive Iodine-131 levels in PA & MA rainwater “exceed maximum contaminant level permitted in drinking water”](#)
- [Don't drink the rainwater says State of Virginia \(VIDEO\)](#)
- [Radioactive particles from Fukushima found in Massachusetts rain — “25 times less risky than it would need to be in order to cause any health concerns” \(VIDEOS\)](#)
- [Highest yet: 3,355 times legal limit of radioactive iodine-131 found in seawater — Reactor cores may have been continuously leaking into Pacific](#)
- [EPA: Penn. and Mass. have seen elevated levels of radiation in rain — “Short-term elevations” not a health concern... How about Long-term?](#)

March 29th, 2011 | Tags: [Japan](#), [Nuclear](#), [radiation](#) | Category: [Fukushima](#)

75 comments to Radioactive Iodine-131 in Pennsylvania rainwater sample is 3300% above federal drinking water standard



Chris Ford

[March 29, 2011 at 11:13 pm](#) · [Reply](#)

Someone needs to tell the governor that rainwater ends up on the ground, where we grow our food.



xdrfox

[March 29, 2011 at 11:18 pm](#) · [Reply](#)

Need to get down to the barn too and milk some cows !



grandma caesar

[March 29, 2011 at 11:38 pm](#) · [Reply](#)

and certainly those numbers are going to go down, rather than up, right?



xdrfox

[March 29, 2011 at 11:45 pm](#) · [Reply](#)

“We continue to expect similar reports from state agencies and others across the nation given the nature and ((duration of the Japanese nuclear incident.”)) ...

<http://enewnews.com/alert-epa-radioactive-iodine-131-levels-in-rainwater-exceed-maximum-contaminant-level-permitted-in-drinking-water>



Slick Vick

[March 29, 2011 at 11:53 pm · Reply](#)

What I'm scared about is that these numbers are going to become exponentially higher and they aren't going to report it.. I'm talking like REAL high numbers.. This shit is insane..



xdrfox

[March 29, 2011 at 11:54 pm · Reply](#)

Iodine-131 Half life cycle is about 5 1/2 to 8 days, but we have a continuous source via weather, and rain brings the numbers up for rian gathers the Iodine-131 particles with others on the way to the ground. Some isotopes interact with water and become changed. We all know rain cleans the air !



xdrfox

[March 30, 2011 at 12:05 am · Reply](#)

Slick Vick

EPA said it is receiving “verbal reports” of higher levels of radiation in rainwater... (“We continue to expect similar reports from state agencies and others across the nation...”)

<http://enewnews.com/alert-epa-radioactive-iodine-131-levels-in-rainwater-exceed-maximum-contaminant-level-permitted-in-drinking-water>

Yes we can expect to see high numbers I guess!



xdrfox

[March 30, 2011 at 12:07 am · Reply](#)

But not to worrie,

<http://coto2.wordpress.com/2011/03/28/epa-to-increase-radioactivity-safety-limits/>



Slick Vick

[March 30, 2011 at 11:48 am · Reply](#)

Ridiculous.. “lets raise the safety levels by 2500 times, that way we can say it's safe..”



xdrfox

[March 30, 2011 at 11:34 pm · Reply](#)

But it will help the Nuclear Industry to make more money having the hazard numbers raised, will be able to pollute more then they do now !



Thebes

March 30, 2011 at 12:46 am · Reply

Livestock drinks rainwater.

Crops and grasslands absorb rainwater.

Out West where I live many rural households DO drink (filtered) rainwater.

Safe and Clean! (until it gets into the food chain and kills millions)



xdrfox

March 31, 2011 at 1:47 am · Reply

Radioactive dairy products: Tainted rainwater is going to make ordinary pasture grass and row crops slightly radioactive in all affected U.S. states, not just California – and even in parts of Europe and Canada. But the slightly radioactive water that will be soaked up via roots or via drenched leaves, resulting in very minor food contamination, will have the worst impact on the dairy product mix. Cows graze an enormous area of grass and accumulate fallout's iodine-131 in their milk such that the dose to the human thyroid gland from cow milk will be 1,000 times the dose received by simply breathing radioiodines in the pasture's air – this is according to a report in 1976 by two Berkeley scientists. This air-grass-cow-milk-human chain is worsened when rains deposit extra radioactive iodine to the ground because the grass in the 'air-grass-cow-milk-human chain' is that much more contaminated. Thus, the potential of elevated radiation levels in California dairy milk, especially for recent rain-impacted areas, should be a concern. This effect, called bioaccumulation, also applies (although to a lesser extent) to cesium-137, strontium-89 and strontium-90 in milk. In America's Cold War-era environmental radiation monitoring efforts, the presence of strontium-89 in milk was a high short-term health concern because this milk-to-bone traveling radioisotope emits very strong beta energies in internal organs.

Appreciating the full scope of the air-rain-grass-cow-milk-human-thyroid chain is important to comprehending that sustained, elevated environmental inputs of radioactive iodine, for example, can result in quickly emerging public health problems. Rapidly rising milk contamination levels could result from daily rainouts from Fukushima plumes over California at current levels. If the plumes become more concentrated in radioiodines, we could see something like 'the summer of '62' in Utah.

<http://www.idealists.ws/index.php#statecrisis>



Larry

March 30, 2011 at 8:06 am · Reply

But no one is talking about the other isotopes in the air right now. Plutonium, strontium, etc... why no numbers on that? They only tell us about the beta, and nothing about alpha... All of these particles are now streaming out of those reactors, and have been. One reactor, you can see the top of the chamber completely blown off, so it's ALL coming out of that one for sure. Now they are saying it's partial melt down? Which really means, the partial was about a week ago, since then???

The reason they are not telling us it all, is because it would cause nation wide panic. We are getting this much, which is = to how many nukes going off? Remember Chernobyl? It was so bad the Russians put 500,000 men to work covering it over

with lead and concrete. The Japs have done nothing but put corrosive salt water on it. 😞
So yes it will get much worse.
Cheers!!



Slick Vick
March 30, 2011 at 11:50 am · Reply

I couldn't agree more, Larry.. They are filling the reports with Cesium and Iodine numbers.. The more poisonous stuff is what is really scary.. We need plutonium detectors/plutonium reports, pronto!



xdrfox
March 31, 2011 at 1:50 am · Reply

It is not just iodine-131 and cesium-137 that are in the ocean, in Japan's foods, in the water supply, in the air, etc...There are *dozens* of radioisotopes floating about. This is a partial list of isotopes that are most certainly in and around Tokyo: Krypton 85, Krypton 85m, Rubidium 86, Krypton 87, Rubidium 87, Krypton 88, Strontium 89, Strontium 90, Strontium 91, Yttrium 91, Yttrium 92, Yttrium 93, Zirconium 93, Zirconium 95, Niobium 95, Zirconium 97, Niobium 97, Ruthenium 103, and Ruthenium 105. [To visualize the decay-chain of the mass 83 through 105 isotopes ... see trilinear chart of nuclides]

<http://www.idealists.ws/trilinear2.pdf>

To complete the list of radioactive pollutants in Japan's biosphere, we must add radiotelluriums, radioiodines, radioceriums, radiocesiums, radiobariums, and other radioactive gases such as Argon 39, Argon 37, Carbon 14, radioactive carbon dioxide (14CO2), and tritium, and finally sea-salt-transmuted chlorine-36.

<http://www.idealists.ws/index.php#statecrisis>



Rabbit
March 31, 2011 at 2:11 am · Reply

Actually to be fair, the Russians put 800,000 people to work on the Chernobyl cleanup. They were termed bio-robots and they each went in and only spent a few minutes cleaning up before having to come out again. These "Liquidators" as they were called, are all dead and dying today.

The containment at Chernobyl is in a critical state of repair and scientists monitoring it fear it is due to collapse any way, which will release a new cloud of radioactive dust which has accumulated as the uranium/sand lava has degraded since.

The Japanese need to face the horrible truth, that their future is bleak, that they are going to a terrible and dark and sad existence and nothing is going to stop this, but that if they sacrifice enough now, and fast they might be able to contain this and at least limit the harm to other nations. But this means literally a few million kamikazi style cleanup workers. The site is much bigger and more messed up than Chernobyl. The contaminated land around the site, is no longer viable of course and the people evacuated can give up any hope of ever returning.

They are not telling the truth of things, they do not trust you to know it and they do not care that you will only lose more by not being adequately informed. All that matters to them is maintaining control, of whatever remains.



WindorSolarPlease

March 30, 2011 at 8:43 am · Reply

If there is nothing to worry about.

Then how come our rainwater has above average radioactivity?

Oh that's right, they have decided to change those levels now.

Guess all is ok again.

I used to trust what our officials say. After seeing 9/11 and the Gulf. I can't help but question what they say.

You can't run from this unless you have been in a nuclear shelter or if you went out of the Country. Looks like you have to stay in there for 3 to 5 years more or maybe longer.

We have a (low?) radiation fallout and who knows what else came with it, it's been here and it keeps on giving.

We all know it's a lot less then what Japan and others have.

They say it is lower than scans here. How many scans can you have before it becomes unsafe for the environment and us?

Is any radiation levels safe? If so, why wear a safety bib at the dentist when he takes x-rays?

If we see problems now, I think we'll see more later on.

We are hearing about radiation with our rain water.

To me that sounds like a problem.

Radiation and who knows what else in the Pacific waters.

Look at how many reactors are in serious trouble

(they could even be in the worse case scenario, who knows?)

To me all this, is not a good sign.

Both sides of our waters are in trouble.

I think it's strange to hear that everything is alright.

Alright for who?

I agree with Larry. Where are the numbers for the other stuff??



xdrfox

March 30, 2011 at 9:41 am · Reply

Been asking that since first wave !



WindorSolarPlease

March 30, 2011 at 10:30 am · Reply

Maybe they don't know what the normal range should be, for those other things that's floating around?



xdrfox

[March 30, 2011 at 10:59 am · Reply](#)

They know !



WindorSolarPlease

[March 30, 2011 at 4:54 pm · Reply](#)

There has to be people who knows how to measure these things, that is doing this on their own, or whistle blowers. Wish they would tell the people.

These levels might not be anything, but who knows?



Slick Vick

[March 30, 2011 at 5:11 pm · Reply](#)

No shit.. SOmebody needs to speak up.. Some independent scientists should be measuring around the USA for uranium, plutonium, etc.. Why the heck did the EPA pull the monitors from the west coast, because they weren't working right, or becucas ethe real numbers were so high that they couldn't believe it??

There are a lot of different particles and poisons in that MOX fuel, this IS more serious than chernobyl from what I have been able to read..

WHy are they only today talking about plutonium in the water when we KNOW the pools were melting down nearly 2 weeks ago?? The news keeps reporting different numbers, different readings.. It's always considered SAFE.. Well all that tells me is that it's in fact very fucking dangerous...

Please, somebody with the capability or knowledge, please give us some real damn numbers for these radioactive materials – not only in Japan, but here in the USA and the rest of the world.. Somebody knows.



Jack

[March 30, 2011 at 12:56 pm · Reply](#)

You know, those of us who were raised with Beatles music as the main theme of the “counterculture” in our ears...

They, which means the Tavistock Institute acting for British Intelligence, made sure we “Relax(ed), turn off our mind, and float downstream...”

They made sure that our family structure was destroyed, and feminist idiot lesbianism received great Honor and blessing, while our selfish ideas of Home/farm ownership were relieved.

Look it up. Tavistock Institute, manipulation of recorded music. Strawberry Fields, where Nothing is Real, and Nothing to get hung about.

Groovy.



WindorSolarPlease

[March 30, 2011 at 5:49 pm · Reply](#)

Out of this whole terrible situation there was one thing that I noticed. In Japan I did not see looting or random shootings. I saw people standing in line waiting their turn with patience, no pushing or shoving. I saw people sharing the little food they had. Everyone for the most part of what I saw was, people trying not to make this horrific situation into a even a worst situation than it already was. Things work better when people help each other.



xdrfox

[March 30, 2011 at 7:24 pm · Reply](#)

It is the norm, good times or bad, seen it in Vietnam, Japan, and China !
Very endearing !



American Patriot

[March 30, 2011 at 7:02 pm · Reply](#)

Might as well get used to it. It ain't going to get any better with so many of the nuke sites built on quake fault areas.



beijingyank

[March 30, 2011 at 7:12 pm · Reply](#)

“The air is safe to breath and the water safe to drink,” the sequel.

GE bringing good things to life. 5 Billion profit, 0 tax.



Dr. Motley

[March 30, 2011 at 7:17 pm · Reply](#)

Doesn't Radioactive Iodine-131 dissipate after 8 days?



xdrfox

[March 30, 2011 at 7:42 pm · Reply](#)

Yes,.. what is concerning it may be a daily dose overlapping, then too there are more then just the Iodine-131 coming over, but all the other Isotopes that have from months to multiple thousands of years of half lifes.



xdrfox

[March 30, 2011 at 7:51 pm · Reply](#)

Iodine-131, 8 days is the half life but that means half of it is still present/potency, it is said to fully dissipated after 30 to 40 days.



PhoenixJohn
March 30, 2011 at 7:33 pm · Reply

It's over people ! Time to party and party hard !



Slick Vick
March 30, 2011 at 8:29 pm · Reply

That's the way I see it more and more lately..



xdrfox
March 30, 2011 at 8:55 pm · Reply

You should make all future mass for your moonshine with bottled water though ! : D



george gingo
March 30, 2011 at 7:34 pm · Reply

So, just thinking here, but, why would there be much higher radiation levels located at our nuclear power plants than in the rainfall generally? TMI and Limerick aren't leaking, are they?



xdrfox
March 30, 2011 at 7:47 pm · Reply

These reactors are not contained any more and the elements of active radioactive materials are escaping into the atmosphere.



David
March 30, 2011 at 7:54 pm · Reply

Dr Moley,
Yes, 8 days. 8 days from the time the Iodine 131 is no longer dispersed into the air. A long time in coming. And that which is being spewed into the ocean, when all the fish begin to die, you will then know It is coming. Repent and Pray now. May Our Lord have mercy on us all.
David



BreckSkiPro
March 30, 2011 at 7:55 pm · Reply

And I have about 1 month to go of being out in the snow all day every day 😞



Steve

March 30, 2011 at 7:58 pm · Reply

The Queen of England owns most if not all the uranium mines in Canada, Australia, South Africa and probably elsewhere. She is the biggest landowner in the world, and people think she is a nice old lady. Look how millions of morons glorify these abominable people, (the upcoming wedding). The Windsors, Rothschilds, Rokerfellers, Warburgs and some other royal hemorrhoids on humanity's ass are destroying this planet for money and no-one is protesting in front of their gates, what the hell is going on? At least stop worshiping these bastards. They are turning this planet into a death chamber.



David

March 30, 2011 at 8:08 pm · Reply

xdrfox,

I live in PA. We do not have "city water". My spring collects rain water. I have to bath and clean with it. I drink bottled water, but still, I am safe using it...

Many of us in PA and MA depend on rain water. And to think I was about to go shower. It is raining/ snowing right now. I think I will go to bed dirty. So how long should I wait ti shower in this radioactive water in my spring house ?

David



Slick Vick

March 30, 2011 at 8:31 pm · Reply

"So how long should I wait ti shower in this radioactive water in my spring house"

David

Sorry but that was funny as hell! Funny but sad and serious.. And very frustrating!

You should email your Governor and ask them "how long should I wait before showering in my radioactive water."



xdrfox

March 30, 2011 at 8:52 pm · Reply

At any rate, Now we ALL can understand your rant at the top of the page and sympathize with you !



xdrfox

March 30, 2011 at 8:43 pm · Reply

What I have read is that Iodine-131 is said to be easily absorbed into the body through the skin, as well as if it is taken internally.

The thyroid will take in this Iodine-131 making no distinction of if it is a good or bad Iodine.

This is why they have the Iodine/Potassium tablets to take for having the thyroid absorb the safe Iodine before the thyroid can absorb the bad Iodine-131.

It is a matter of which Iodine gets to your thyroid first.
Why the Iodine/Potassium tablets are taken when you suspect you are going to be or may have been exposed.
But we may not be dealing with just Iodine-131.
FDA is saying no unsafe levels have been detected. Still a dilemma ?
One could always sponge bath (GI bath)with the bottled drinking water if plentiful until you are assured !
I am not a medical doctor !
Must be nice up there !



xdrfox
[March 31, 2011 at 12:24 am · Reply](#)

Iodized Salt like "Morton's Iodized Salt TM". Iodine-131 is taken up into the thyroid only if there is already a deficiency of iodine in the thyroid. And if you haven't been getting enough dietary iodine in your diet, there will be an iodine deficiency in your thyroid. The Japanese people eat seaweed that has iodine. This may work in their favor.



xdrfox
[March 31, 2011 at 1:57 am · Reply](#)

I worry least about reservoir water supplies because the radioactive particles will settle out quickly and disperse into the sediments, but the fallout will be in snowmelt too, so exposure will be long and sustained. Water is not drawn from the bottom of the reservoir for municipal water supplies. Particulate that happens to make it into the water supply to your home can be filtered out with a carbon filter. If radiation levels in the water are high then the filters may become dangerous and must be handled accordingly. You should change your filters more often if fallout becomes significant.

<http://wilderutopia.com/environmental-health/radiation-fallout-detoxification-protocols/>



OZFORD
[March 30, 2011 at 8:14 pm · Reply](#)

Um, what if I go out in the rain and get wet? It's currently raining here in Pa. And what's worse, radon in the Susquehanna River or iodine from the sky? Gee, I feel so safe and secure knowing I have a friend in Pennsylvania named



xdrfox
[March 30, 2011 at 9:07 pm · Reply](#)

Raining here in Fl. too wanted to walk to the store but still drizzling, so nope !



John
[March 30, 2011 at 8:19 pm · Reply](#)

Low levels of radiation found in US milk



Slick Vick
[March 30, 2011 at 8:32 pm · Reply](#)

I have, and I'm far more worried about the radioactive particles, because THOSE are the things we're getting ZERO information about..



xdrfox
[March 30, 2011 at 10:53 pm · Reply](#)

Best way to determine that would be check your precise area where you live now for CPM then check each day, everywhere may be a bit different !



Slick Vick
[March 30, 2011 at 11:04 pm · Reply](#)

I don't know how to check, and secondly, I would figure if there's public info available it'd be suppressed..



xdrfox
[March 30, 2011 at 11:41 pm · Reply](#)

Assuming you had a Geiger counter of course, some areas in the country keep records if there are mining or drilling in areas. Could possible see at city Hall.



xdrfox
[March 31, 2011 at 1:28 am · Reply](#)

EPA and state officials are basing their judgments of public health consequences relating to the radioactive exposures from the global Fukushima releases on data that is very sketchy. Their pronouncements carry a huge degree of uncertainty. In the California state capitol and in the EPA, officials simply have no idea if children right now are drinking slightly radioactive milk in parts of the state. Officials think that isn't the case because of their models, but their models have a margin of error that is tremendous.

The only way to reduce uncertainty is to increase the data. Put more deployable monitoring stations in every state, and start testing milk and tap water and leafy vegetables for radioactivity.

According to the EPA, for drinking water, the average concentration of iodine-131 which is assumed to yield 4 milliRem per year is 3 picocuries per liter (3 pCi/l) and the average concentration of Cesium-137 which is assumed to yield 4 milliRem per year is 200 picocuries per liter (200 pCi/L). However, the EPA's dose formulas don't take into account the dose to the thyroid gland from the Iodine-131. The NRC's very own formula for thyroid gland dose from Iodine-131 cited in a 1977 document substantially raises the risk from ingestion of iodine-131 tainted milk.

<http://www.idealists.ws/index.php#statecrisis>



common sense

March 30, 2011 at 8:41 pm · Reply

If this rain water is so safe, then our state representatives and epa officials wont mind getting sprayed with a water hose full of it.

My house has ground water, directly replace by rain water. What is their excuse for people that use ground water?

Id like to see obama swim in a puddle of the stuff like he did in the "clean gulf of mexico"

Everyone should collect as much rain water as possible, and dump it at your local EPA office. They cant possibly arrest us if its "safe", now can they?



xdrfox

March 30, 2011 at 9:00 pm · Reply

common sense

You saw how them Pansies acted in D.C. when they thought anthrax was on the Hill.

: D



xdrfox

March 30, 2011 at 9:02 pm · Reply

It worked, They passed the Patriot Act !



smilingfarmer

March 30, 2011 at 9:42 pm · Reply

gonna grow some 300lb watermelons and 7 eyed chickens, I guess



xdrfox

March 30, 2011 at 9:50 pm · Reply

7 wing chickens for more buffolo wings !

Corn on the cobb big as a Sub Sandwich !



xdrfox

March 30, 2011 at 9:51 pm · Reply

Watch Out ! He says !

Distraught australiano for accurate perspective/ magnitude of japanese crisis

http://www.youtube.com/watch?v=MognnB0g56Y&feature=player_embedded

The French agree with the Germans.
The United States is getting covered up!
To see what the French Say It Looks Like In The U.S.
http://www.irsn.fr/FR/popup/Pages/irsn-meteo-france_22mars.aspx



Nuclear Death Machine
March 30, 2011 at 10:17 pm · Reply

Funny how none of this radiation is ever dangerous to us but, if you look at CHERNOBYL, 25 years later and the public still didn't move back and thousands have died from the "harmless" radiation!

Hey mass media, no one believes you or what the governments says....it's all lies on lies!

The radiation from the sun or rocks isn't being ingested by people so, your references make no sense...stupid!



xdrfox
March 30, 2011 at 11:51 pm · Reply

If you see the documentary you would see some amazing facts about Chynobal the untold story. Watch the 2005 documentary "The True Battle of Chernobyl" – revealing never before seen interviews with Chernobyl scientists, Gorby himself, and surviving workers, and the only photographer out of four who lives to tell the story. Only a few out of the 500,000 Russians (yes, 500,000) who were brought in to the Ukraine to build the sarcophagus and clear the area, were still alive at the time – some kind of quality of life, since they were only alive because they required hospitalizations every year. The head nuclear Soviet "expert" committed suicide. Of the 500,000 emergency workers, only 200,000 were still alive just a few years later. There goes your 'official death toll'. The Video runs 90 minutes. Do you have the guts to watch it?
<http://video.google.com/videoplay?docid=-5384001427276447319#>



WindorSolarPlease
March 30, 2011 at 10:19 pm · Reply

Can City Water really be safer than rain water?



xdrfox
March 30, 2011 at 11:06 pm · Reply

General discussion about radiation levels in California:
– UPDATE: a Berkeley lab's results from testing rainwater on March 23rd suggests that 1 liter of rain-harvested drinking water in Berkeley, Calif., would have an iodine-131 concentration of 542.7 picocuries and consuming one liter of this water would provide a radiation dose to the thyroid of an infant of 7.54 millirems. About 132 liters of water contaminated at these levels would provide
<http://www.idealists.ws/index.php#statecrisis>
It's just a link to your ? search Yahoo:=
City Water safer than rain water during fallout



WindorSolarPlease

March 31, 2011 at 1:10 am · Reply

Doesn't rain water, go into the city water? If it does, then shouldn't they be the same?



xdrfox

March 31, 2011 at 1:40 am · Reply

If a city does not have wells to draw water they usually will have a reservoir, Lake somewhere to draw from, ... I worry least about reservoir water supplies because the radioactive particles will settle out quickly and disperse into the sediments, but the fallout will be in snowmelt too, so exposure will be long and sustained. Water is not drawn from the bottom of the reservoir for municipal water supplies. Particulate that happens to make it into the water supply to your home can be filtered out with a carbon filter. If radiation levels in the water are high then the filters may become dangerous and must be handled accordingly. You should change your filters more often if fallout becomes significant.

<http://wilderutopia.com/environmental-health/radiation-fallout-detoxification-protocols/>



WindorSolarPlease

March 31, 2011 at 7:39 am

Thank You xdrfox



Robert Urantia

March 30, 2011 at 10:26 pm · Reply

Radioactive particles are heavy and will settle, people say it can not be filtered or that it is a chest x ray like a momentary ray and that is disinformation. Water can radiate but severe harm is from ingesting the airborne particles they are small, avoiding future radiation for a week will determine the living and the dead/dumb.

If only our system could alert on where the patches are or will likely fall to keep the youngsters sleeping at those times. ALSO we need hound the Japan experts to stop the video and smoke and mirrors and separate the two molten elements by drastic means, even if it risks shaking up big fat Elvis. Carefully bomb the front then blast the back to throw it into the sea trench if possible; just warn us this time for once. Oh, watch the Google video of Russians lamenting that they need build a new cap over the second cap, where 2,000 workers cooked last time. God help us we repent of nuke weapons, God please help disarm us.



xdrfox

March 30, 2011 at 10:42 pm · Reply

The French agree with the Germans.

The United States is getting covered up!

To see what the French Say It Looks Like In The U.S.

http://www.irsn.fr/FR/popup/Pages/irsn-meteo-france_22mars.aspx



oscar groom

March 30, 2011 at 11:06 pm · Reply

```
if (exposed_to[Iodine-131]) {  
    return "cancer";  
}
```

}



xdrfox

March 30, 2011 at 11:29 pm · Reply

In a nuclear explosion the radioactive solids and radioactive gases both escape into the environment. In an operating nuclear reactor, steel vessels, corrosive-prone cladding and pipes and the containment building itself keep some, but not all, gaseous radioactive chemicals from escaping into the air and the soil and water.

But every single radioactive gas produced at the containment-less Fukushima reactors and outdoor swimming ponds for fuel rods has escaped. These gases escaped via leaky or manually opened pipes and vents and from cracked or melted fuel rods that blew out gases created via low or re-criticality fissioning or neutron activity from plutonium or uranium.

The leaked gases are no different in nature than what is released into the environment if you conducted an open air hydrogen nuclear (thermonuclear) explosion in the rain – the solid radioactive chemicals mostly would be suppressed, but the gases would leak out and float around an entire country or hemisphere. The gases would later precipitate into radioactive solids – or stay as radioactive gas in air.

Since all of the above radioisotopes are or once were gases, they had (and as long as they are being still released at Fukushima, they still have) the potential to travel large distances from the reactors, even further than Tokyo. Radioactive solids attach to dust particles and can travel across the globe with ease. That even includes plutonium.

<http://www.idealists.ws/index.php#statecrisis>



xdrfox

March 30, 2011 at 11:30 pm · Reply

It is not just iodine-131 and cesium-137 that are in the ocean, in Japan's foods, in the water supply, in the air, etc... There are *dozens* of radioisotopes floating about. This is a partial list of isotopes that are most certainly in and around Tokyo:

Krypton 85, Krypton 85m, Rubidium 86, Krypton 87, Rubidium 87, Krypton 88, Strontium 89, Strontium 90, Strontium 91, Yttrium 91, Yttrium 92, Yttrium 93, Zirconium 93, Zirconium 95, Niobium 95, Zirconium 97, Niobium 97, Ruthenium 103, and Ruthenium 105. [To visualize the decay-chain of the mass 83 through 105 isotopes ... see trilinear chart of nuclides]

<http://www.idealists.ws/trilinear2.pdf>

To complete the list of radioactive pollutants in Japan's biosphere, we must add radiotelluriums, radioiodines, radioceriums, radiocesiums, radiobariums, and other radioactive gases such as Argon 39, Argon 37, Carbon 14, radioactive carbon dioxide ($^{14}\text{CO}_2$), and tritium, and finally sea-salt-transmuted chlorine-36.

<http://www.idealists.ws/index.php#statecrisis>



JOHN BURNS

March 30, 2011 at 11:31 pm · Reply

it is over folks it should never gone this far.we are being lied to all the time.there is nothing we can do.should have listened to john lennon a long time ago.if we only gave peace achance.the military complex has thrown the human race away at the expense of achoosen few



The Government

March 30, 2011 at 11:52 pm · Reply

What is everyone worried about?

It's like getting a CAT-scan and a dental xray on your penis while flying the space shuttle to the moon!

See? It's safe. Bitches!



James Graham

March 31, 2011 at 12:48 am · Reply

While we all sweat out our pending doom, you may ask who and what pressure caused Japan to turn nuclear and accept these f'ed up reacors from the US? So the US could burn the oil offset by the use of nuclear. We put it over there and now we are paying price of this creeping death, as are the these losers of WWII. We all lose just so some big rich bastards got to live their lives, most have died by now that made these decisions and we are now suffering our fate due to this.

Just in time so the Supreme court can throw out all law suits we the people can file over being killed by our past generations. Fuck the Government any more!



Old Man

March 31, 2011 at 2:21 am · Reply

America take a look at the DU babies being born in Iraq today because your babies will look like that tomorrow.



Andrew Schnelly

March 31, 2011 at 10:14 am · Reply

Well I live hear in central Pennsylvania, its raining and has been for the past day, and people are out in the rain, you cannot tell me they are not absorbing this through their skin! Our Government at all levels is corrupt as hell, people are already showing flu like symptoms and itchy skin and the governor says sure there is radiation, buit its ok? I watched two nuclear reactors blow sky high on TV, and was told its nothing to worry about? Ha! Are we that stupid that we do not trust our own judgement and resoning abiities? Two nuclear reactors blowing up are not good, I'm not looking forward to brain cancer, but at least I've had a full life, what about all the children these bozos are needlessly and shamelessly putting in harm's way to save a few dollars on loSat pills?
