

# Spring is just around the corner!

## Radon Gas (Rn)

What you need to know

### What is Radon?

Radon is a radioactive gas that occurs naturally through the breakdown of uranium soil, rock and water. Radon has been found in homes all over the United States and moves through the ground to the air above and into your home through crawlspaces, cracks and other holes in the foundation. Radon is estimated to cause about 21,000 lung cancer deaths per year.

Radon gas is the leading cause of lung cancer in non-smokers and the second leading cause of lung cancer for the general public. The Surgeon General and the EPA recommend testing for radon and reducing radon in homes that have high levels. If your home is confirmed to have 4 picocuries per liter, pCi/L or higher, you should have a radon mitigation system installed.

Radon enters the building through many paths such as crawl spaces, cracks utility penetration, sumps and floor drains. The ventilation rate of the building affects the final radon concentration.

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Justin Dewey  
\$100.00

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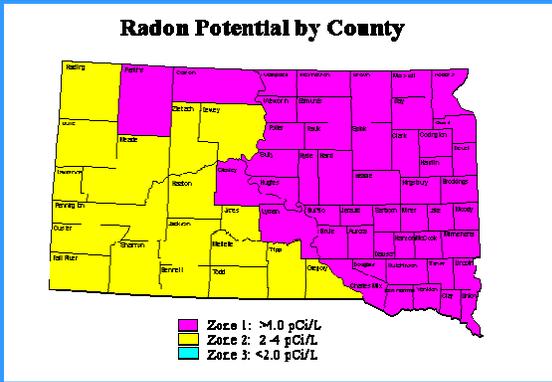
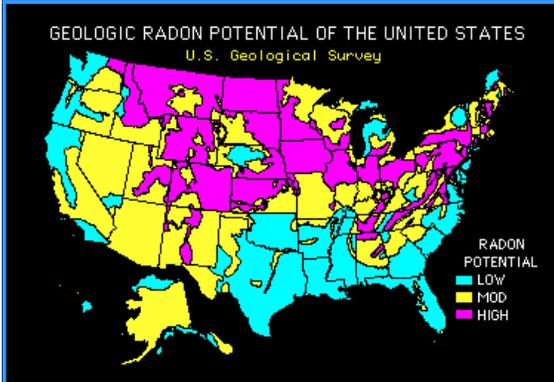
Connie Kimball  
\$50.00

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# Radon Gas (Rn) Cont.

## United States Levels

Radon has been found in every State. The maps below show the geologic radon potential for the United States and South Dakota. These maps should not be used as a substitute for an actual radon test. The only way to determine radon concentrations in a building is to test.



## What can be done about radon in your home?

It is impossible to predict radon levels in your home based on state or local levels. Testing is the only way to find out what your home's radon level is. When an elevated radon level is confirmed, the problem should be corrected immediately through radon mitigation.

## Who should test for Radon?

Every home has the potential to have a radon gas problem; therefore, everyone should test for radon. Testing is easy, and if your home has a radon problem, it can be fixed. Fixing a radon problem reduces the risk of lung cancer for you and your family. A simple test will tell you if your home has a high radon level. Most radon tests last between 2 and 7 days.

Contact Climate Control to have your home tested, especially if you have a crawlspace or sump pump.

## Typical steps for Radon Mitigation

If you find your home has high radon levels, there are ways to reduce the concentrations. There are several methods that can be used to lower radon levels in your home.

1. Test for radon in home
2. Seal exposed earth
3. Seal cracks in concrete floors and walls
4. Install sump pit with cover and mitigation
5. Install whole house ventilation
6. Continue monitoring levels

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AmericanNews

# DESIGN AN AD



Shakinah H. 3rd Grade  
Aberdeen Christian School  
Miss Grosz

Students received a gift certificate to Revive Day Spa and a donation in their name to a charity of their choice and their teachers each received \$25.00 towards needed classroom supplies.

Thank you for choosing Climate Control as your Design an Ad business!



Ruthie H. 5th Grade  
Aberdeen Christian School  
Mrs. Williams

# WIN \$100 WITH CLIMATE CONTROL

Limit 1 entry per person. No purchase necessary. A purchase will not improve your chances of winning. Winner will be selected at random within 30 days of entry deadline. All decisions are final. All entrants agree to contest rules, which require winner to sign a prize and publicity release unless precluded by law. Must be 18 to enter. Failure to comply results in disqualification. Entries void if incomplete or illegible. No responsibility is assumed for lost, late, or illegible entries. Company employees and family members are ineligible. Odds depend on the number of entries received. Acceptance of the prize implies consent to use name and image in promotional material with the prize as compensation. All taxes are the responsibility of the winner.

Complete and return for a chance to win \$100 cash. If you correctly answer the three questions below, we'll enter you in a drawing for \$100 cash. Second prize will be \$50 cash. All entries must be received by 4/1/2015. Mail to: Climate Control, 1910 130th St. NW, Aberdeen, SD 57401 or scan and email to [info@climatecontrolprofessionals.com](mailto:info@climatecontrolprofessionals.com)

- 1.) What is the symbol for radon on the periodic table of the elements? \_\_\_\_\_
- 2.) You should have a radon mitigation system installed if your home is confirmed to have more than \_\_\_\_\_.
- 3.) What are two of the most common problems that home inspections find? \_\_\_\_\_ & \_\_\_\_\_

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Best Time: \_\_\_\_\_

Please Contact me about:

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|---|--|
| <input type="checkbox"/> Fire Pits              | <input type="checkbox"/> Service Maintenance Agreement       |
| <input type="checkbox"/> Fire Places            | <input type="checkbox"/> Upgrading Heating/Cooling Equipment |
| <input type="checkbox"/> Dust Control           | <input type="checkbox"/> Dehumidifier                        |
| <input type="checkbox"/> Ice Melt               | <input type="checkbox"/> Humidifier                          |
| <input type="checkbox"/> Electronic Air Cleaner |  |
| <input type="checkbox"/> UV Light               |  |



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*guaranteed to make you smile!*

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## Common Home Inspection Problems

Most home buyers have home inspections prior to purchasing. Here are some of the most common problems encountered by inspections:

- **Faulty wiring.** This includes things like open junction boxes, no wire nuts on wires, no 3-prong outlets and various other safety hazards. Often these result from do-it-yourself electrical projects by home owners who know just enough to be dangerous.
- **Ancient HVAC systems.** Old furnaces may still function okay but home inspectors will pay close attention to potential carbon monoxide hazards, such as a cracked heat exchanger. Some inspectors will warn the buyer of leaky ductwork and other inefficiencies as well.



- **Leaky plumbing.** Often the seller may not even notice the leaks. But an astute inspector will keep an eagle eye out for water stains, powdery residue, mold or mildew caused by subtle leaks that escape the casual eye. Damp basements often are caused not by leaks, but by clogged or bent gutters that fail to channel water away from the house. Tiny toilet leaks can damage the underlying subfloor.
- **Poor water pressure.** This is easy to detect and a buyer may insist on re-piping before concluding the sale, or ask for thousands of dollars off the sale price to cover such a project.
- **Foundation flaws.** These are often indicated by sloping floors and sticky doors and windows. These can be a deal breaker when it comes to selling your home unless the seller decides to spend thousands of dollars on repairs.



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1910 130th St NW  
Aberdeen, SD 57401

## Springtime Activities

Spring is the season when everything is blossoming back to life!

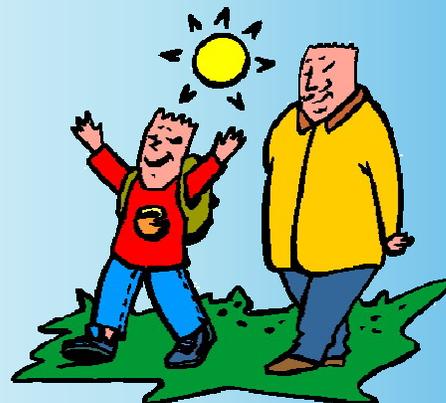
What are your fondest memories of spring or summertime as a child?

Did you go camping? Hiking? Swimming in the lake? If you have any children in your life, help them make the same great memories! Check out these ideas for awesome springtime activities.



**1. Go on a nature walk:** Children are natural explorers. Encourage their curiosity with a nature walk. Take along a notebook and colored pencils and have kids catalog the flowers they find. You can do the same with rocks and minerals. Another fun activity is creating your own map! Add landmarks, interesting trees or boulders, animal nests, and more.

**2. Create a terrarium:** You can use any plants, rocks, or other interesting finds from your nature walk to create a terrarium. The goal can be to recreate the environment from your nature walk but on a small scale. You can find terrariums at craft stores, garden stores, or online.



**3. Create wall art:** Spring weather can be unpredictable. On rainy days, hang large white banners or paper table cloths on the wall, grab a bucket of markers and crayons, and have a blast! Make an outline of your bodies while standing against the wall, then color them in to create life-size art of yourselves.