

# Radon Inspection Report

## Measurement of Radon Concentration in Indoor Air

Report No.: 2700007653202007111727  
Serial No.: 2700007653

Report Generated Date: 7/11/20

### Measurement Address:

1499 Bond Lane  
Brodheads ville, PA  
18322

### Measurement performed by:

#8794 ComfortSpec Inspection  
Services

Kristam@comfortspecpa.com

Ventilation: Balanced

Building type: House

Building year: 1970

Room	Floor	Measurement Start	Measurement End	Measured Value
Basement	Basement	7/9/20, 2:30 PM	7/11/20, 2:30 PM	10.3 pCi/L

\_\_\_\_\_  
Location

July 11, 2020  
Date

  
\_\_\_\_\_  
Signature

## Detailed Measurement Data

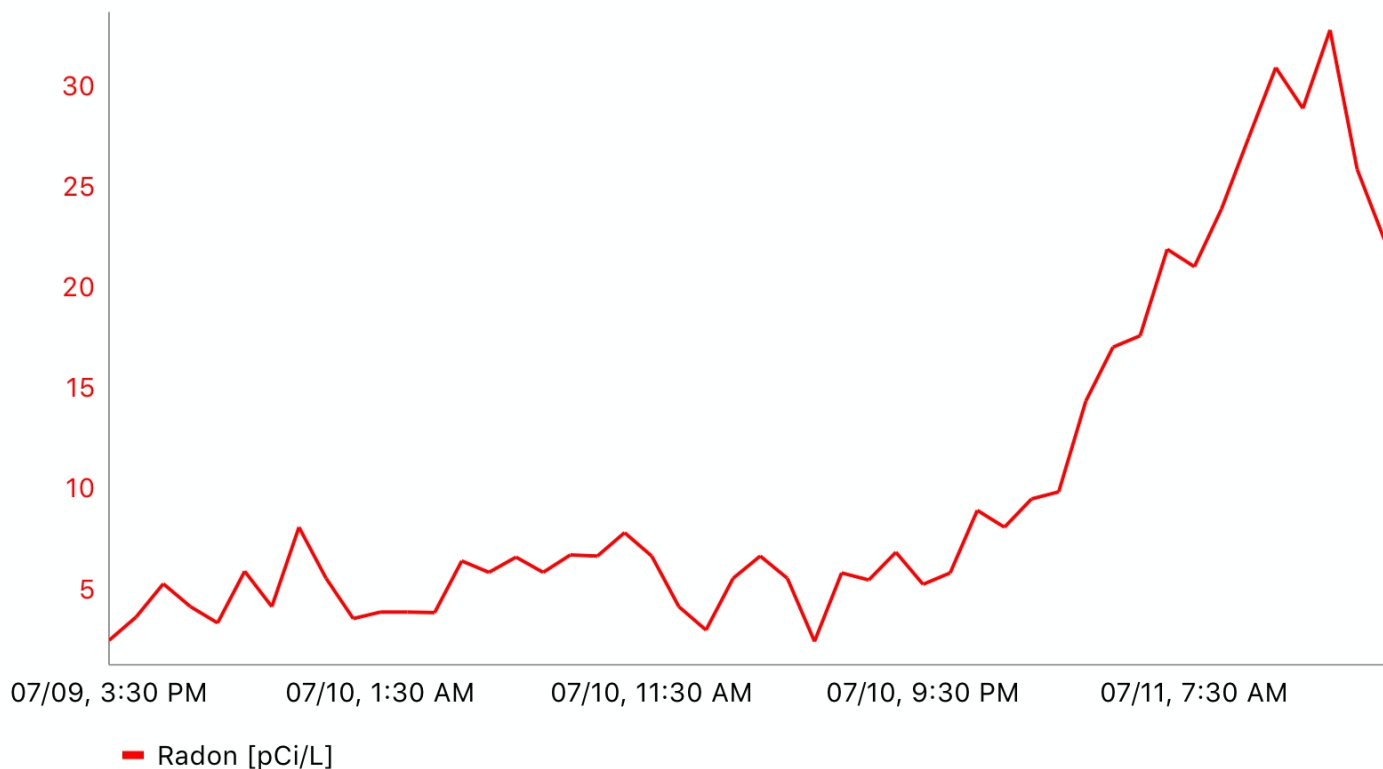
	Min	Max	Average
Radon [pCi/L]	2.5	32.9	10.3
Temperature [°F]	66.2	67.3	66.6
Humidity [%rH]	59	66	62
Pressure [kPa]	95.61	96.63	96.14

## Radon measurements for hour 1 to hour 48

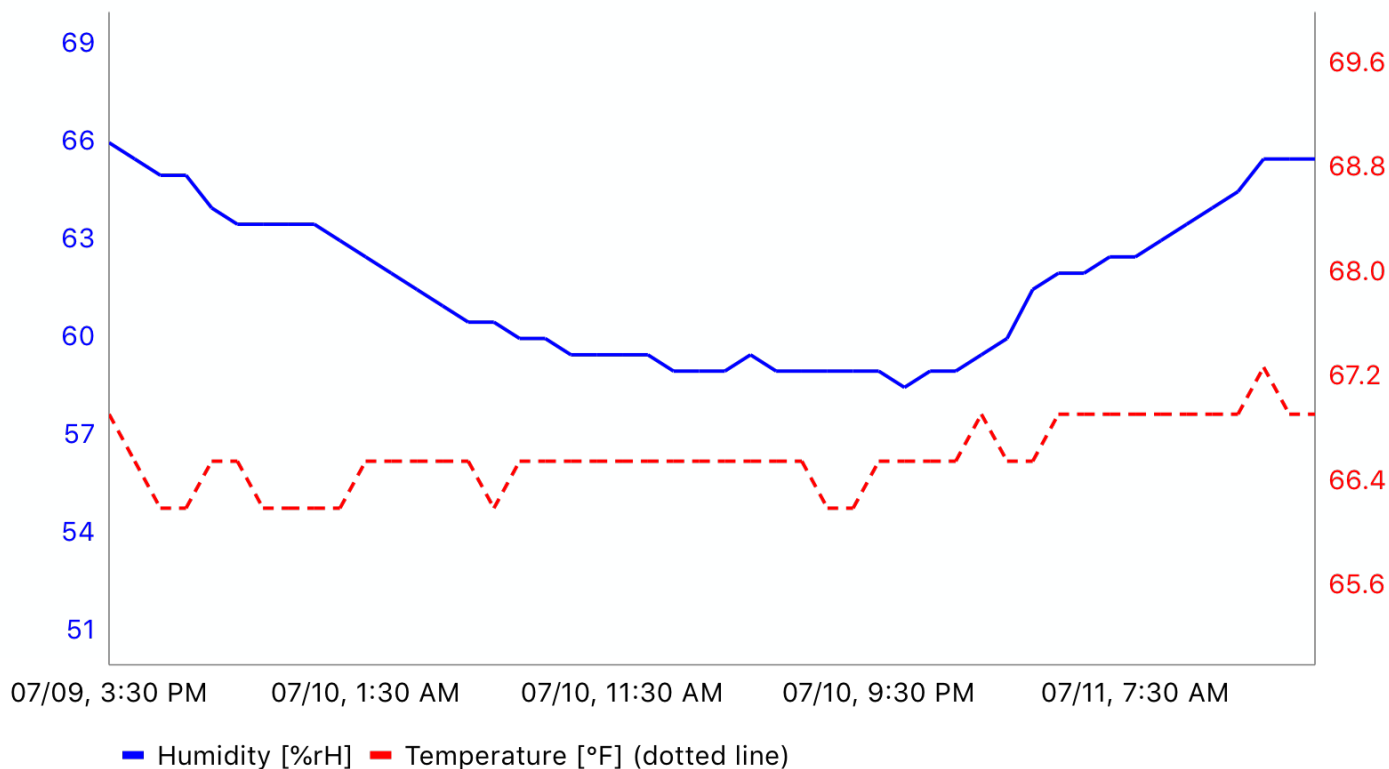
Hour	Radon conc. [pCi/L]
7/9/20, 2:30 PM	2.6
7/9/20, 3:30 PM	3.7
7/9/20, 4:30 PM	5.4
7/9/20, 5:30 PM	4.2
7/9/20, 6:30 PM	3.4
7/9/20, 7:30 PM	6.0
7/9/20, 8:30 PM	4.2
7/9/20, 9:30 PM	8.2
7/9/20, 10:30 PM	5.6
7/9/20, 11:30 PM	3.6
7/10/20, 12:30 AM	4.0
7/10/20, 1:30 AM	4.0
7/10/20, 2:30 AM	3.9
7/10/20, 3:30 AM	6.5
7/10/20, 4:30 AM	5.9
7/10/20, 5:30 AM	6.7
7/10/20, 6:30 AM	5.9
7/10/20, 7:30 AM	6.8
7/10/20, 8:30 AM	6.8
7/10/20, 9:30 AM	7.9
7/10/20, 10:30 AM	6.8
7/10/20, 11:30 AM	4.2
7/10/20, 12:30 PM	3.1
7/10/20, 1:30 PM	5.6

Hour	Radon conc. [pCi/L]
7/10/20, 2:30 PM	6.8
7/10/20, 3:30 PM	5.6
7/10/20, 4:30 PM	2.5
7/10/20, 5:30 PM	5.9
7/10/20, 6:30 PM	5.6
7/10/20, 7:30 PM	6.9
7/10/20, 8:30 PM	5.4
7/10/20, 9:30 PM	5.9
7/10/20, 10:30 PM	9.0
7/10/20, 11:30 PM	8.2
7/11/20, 12:30 AM	9.6
7/11/20, 1:30 AM	9.9
7/11/20, 2:30 AM	14.5
7/11/20, 3:30 AM	17.1
7/11/20, 4:30 AM	17.7
7/11/20, 5:30 AM	22.0
7/11/20, 6:30 AM	21.1
7/11/20, 7:30 AM	24.0
7/11/20, 8:30 AM	27.5
7/11/20, 9:30 AM	31.0
7/11/20, 10:30 AM	29.0
7/11/20, 11:30 AM	32.9
7/11/20, 12:30 PM	26.0
7/11/20, 1:30 PM	22.5

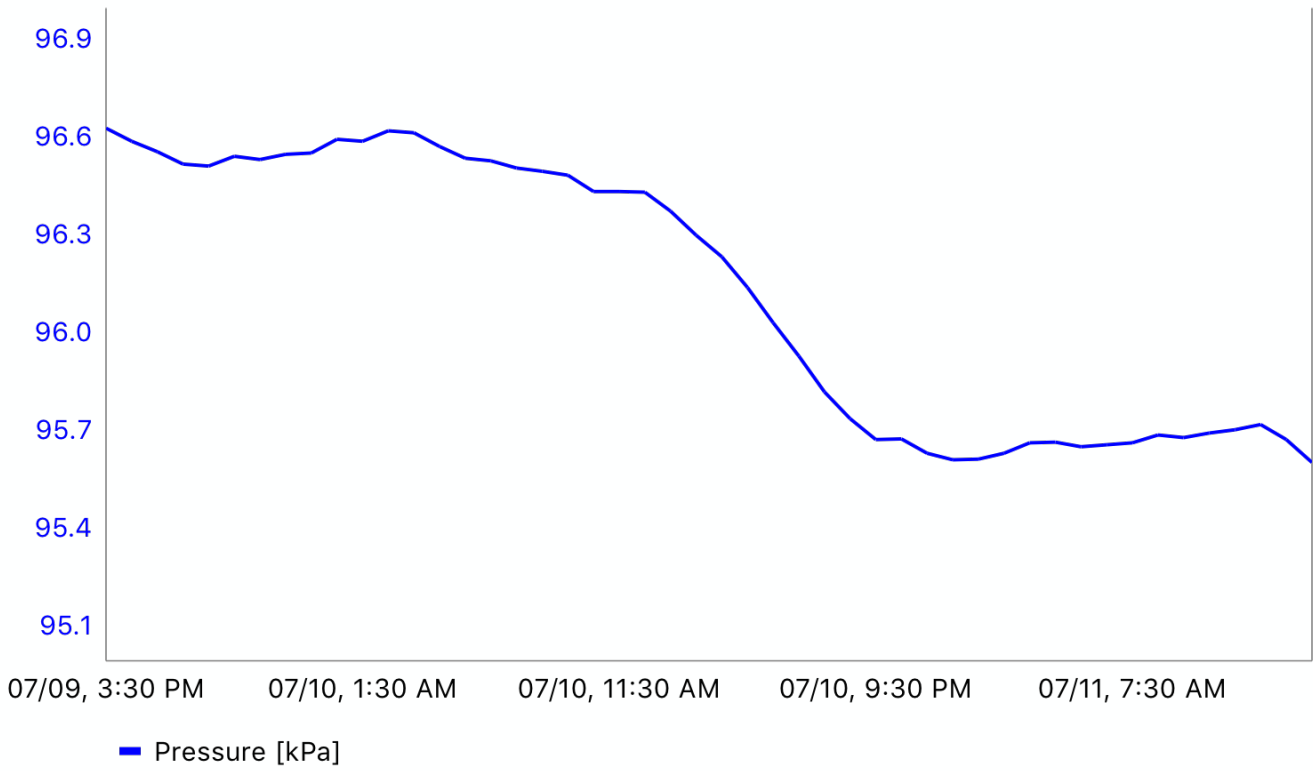
## Radon Chart



## Humidity and Temperature Chart



# Pressure Chart



**Comments:**

Above 4.0 ACCORDING TO EPA GUIDELINES AN ACTIVE RADON MITIGATION SYSTEM IS SUGGESTED. THIS IS NOT UNCOMMON FOR THE AREA. RECOMMEND CONTACTING A RADON PROFESSIONAL

## Radon Information

The U.S. Environmental Protection Agency (EPA) and the Surgeon General strongly recommend taking further action when the home's radon test results are 4.0 pCi/L or greater. The concentration of radon in the home is measured in picocuries per liter of air (pCi/L). Radon levels less than 4.0 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2.0 and 4.0 pCi/L, EPA recommends that you consider fixing your home. The national average indoor radon level is about 1.3 pCi/L. The higher a home's radon level, the greater the health risk to you and your family.

Smokers and former smokers are at especially high risk. There are straightforward ways to fix a home's radon problem that are not too costly. Even homes with very high levels can be reduced to below 4.0 pCi/L. An EPA or State-approved contractor trained to fix radon problems should be contacted for all repairs if needed.

What do radon test results mean? If your radon level is below 4 pCi/L, you do not need to take action.

**PENNSYLVANIA NOTICE TO CLIENTS:** The Radon Certification Act requires that anyone who provides radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments or complaints concerning persons who provide radon-related services, please contact the Department at the Bureau of Radiation Protection, Dept. Of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469, (717-7833594)