ProView, LLC. - 720-928-8092 - ProViewScopes@gmail.com

Radon Measurement Report

PROPERTY INFORMATION

Property Name:	830 10th St
Address:	830 10th St, Berthoud, Colorado 80513, United States
Building Year:	1963
Building Type:	House
Radon Mitigation System:	Active

REPORT SUMMARY

LEVEL OF RADON

AVERAGE
3.4 pCi/L

MEASUREMENT ADDRESS

830 10th St
Berthoud, Colorado, 80513, United States

REPORT DURATION

START DATE
Jun 11, 2024, 11:31 a.m. MDT

DURATION
48h

END DATE
Jun 13, 2024, 11:31 a.m. MDT

OTHER INFORMATION

ROOM
Bedroom

FLOOR
Ground Floor

TYPE
Initial

MEASUREMENT SUMMARY

	MINIMUM	AVERAGE	MAXIMUM
LEVEL OF RADON	1.2 pCi/L	3.4 pCi/L	7.1 pCi/L
TEMPERATURE	66.6 °F	68.0 °F	72.0 °F
HUMIDITY	48.0 %rH	51.8 %rH	57.5 %rH
ATMOSPHERIC PRESSURE	24.9145 inHg	24.9631 inHg	25.0338 inHg

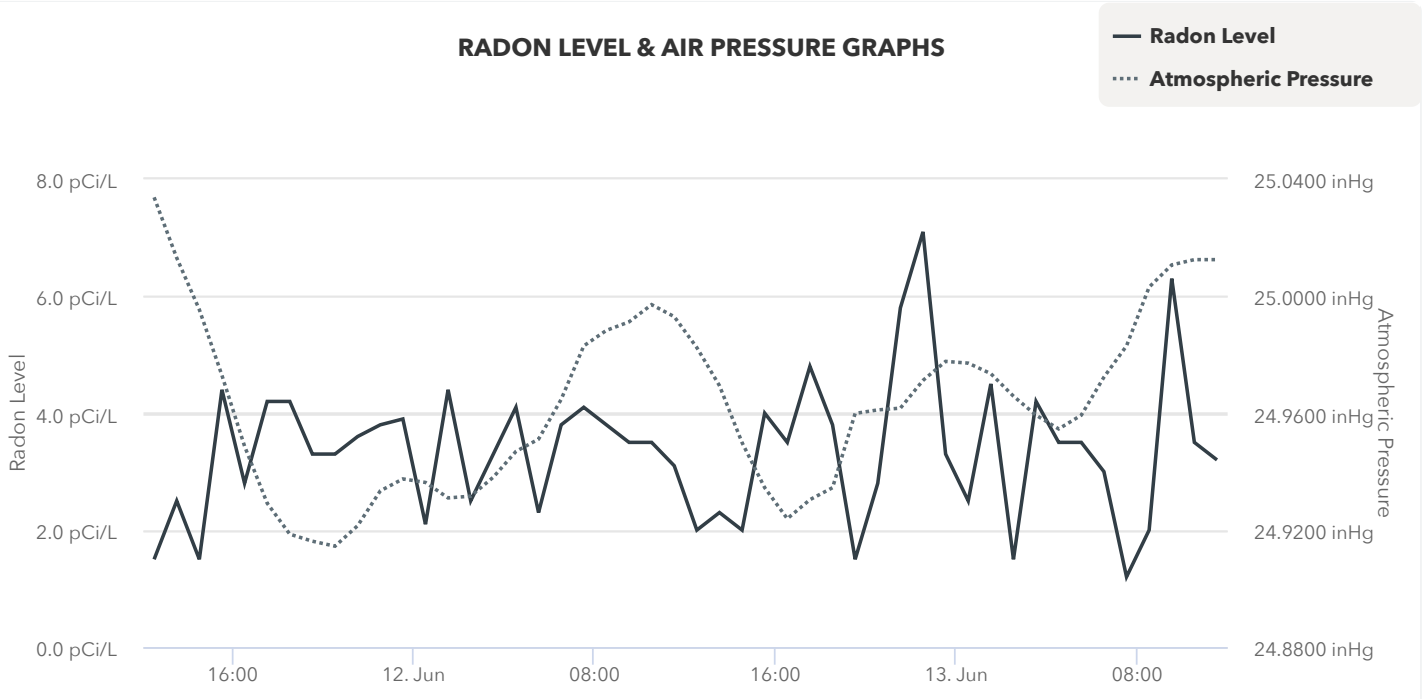
HOURLY MEASUREMENT DATA

Note : Measurements are offset by 1 hour from the start of the test. (The first hour will read 3:00 for a 2:00 start time).

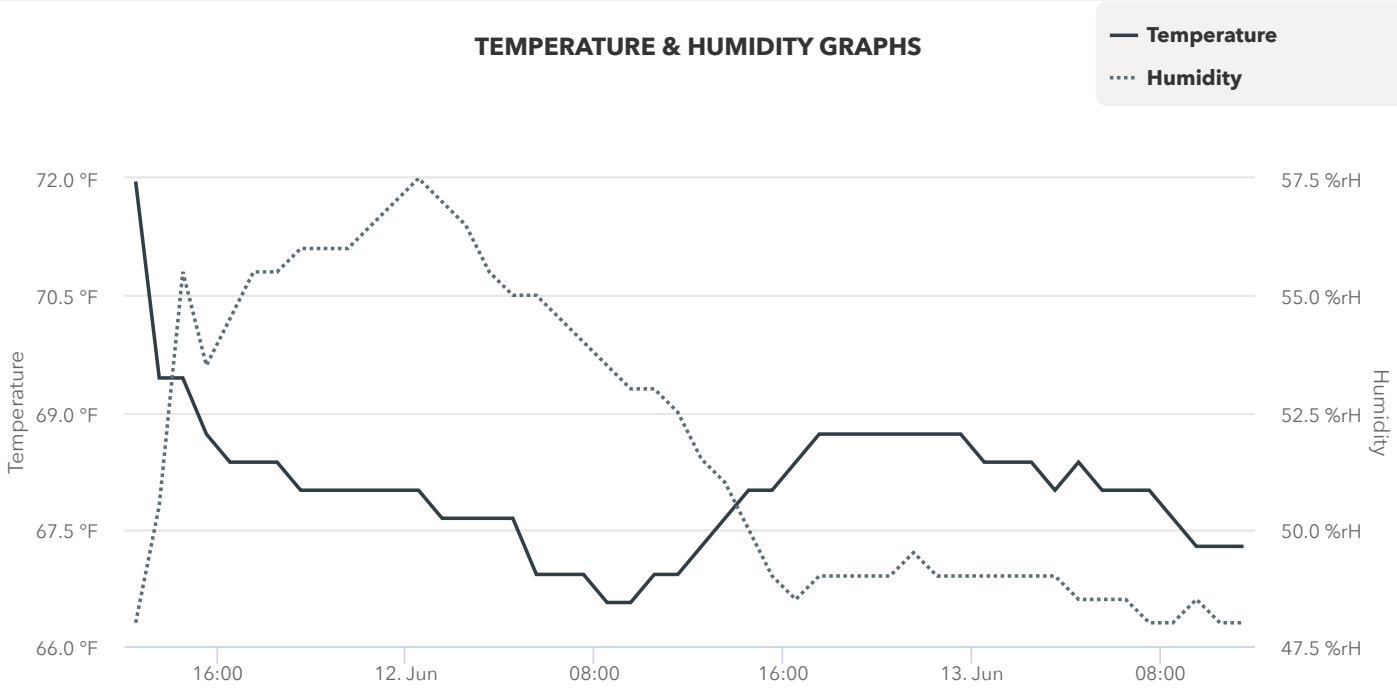
	DATE & TIME	RADON	AIR PRESSURE	TEMPERATURE	HUMIDITY
1	2024-06-11, 12:31 p.m. MDT	1.5 pCi/L	25.0338 inHg	72.0 °F	48.0 %rH
2	2024-06-11, 1:31 p.m. MDT	2.5 pCi/L	25.0131 inHg	69.4 °F	50.5 %rH
3	2024-06-11, 2:31 p.m. MDT	1.5 pCi/L	24.9954 inHg	69.4 °F	55.5 %rH
4	2024-06-11, 3:31 p.m. MDT	4.4 pCi/L	24.9729 inHg	68.7 °F	53.5 %rH
5	2024-06-11, 4:31 p.m. MDT	2.8 pCi/L	24.9487 inHg	68.4 °F	54.5 %rH
6	2024-06-11, 5:31 p.m. MDT	4.2 pCi/L	24.9292 inHg	68.4 °F	55.5 %rH
7	2024-06-11, 6:31 p.m. MDT	4.2 pCi/L	24.9186 inHg	68.4 °F	55.5 %rH
8	2024-06-11, 7:31 p.m. MDT	3.3 pCi/L	24.9162 inHg	68.0 °F	56.0 %rH
9	2024-06-11, 8:31 p.m. MDT	3.3 pCi/L	24.9145 inHg	68.0 °F	56.0 %rH
10	2024-06-11, 9:31 p.m. MDT	3.6 pCi/L	24.9215 inHg	68.0 °F	56.0 %rH
11	2024-06-11, 10:31 p.m. MDT	3.8 pCi/L	24.9334 inHg	68.0 °F	56.5 %rH
12	2024-06-11, 11:31 p.m. MDT	3.9 pCi/L	24.9375 inHg	68.0 °F	57.0 %rH
13	2024-06-12, 12:31 a.m. MDT	2.1 pCi/L	24.9363 inHg	68.0 °F	57.5 %rH
14	2024-06-12, 1:31 a.m. MDT	4.4 pCi/L	24.9310 inHg	67.6 °F	57.0 %rH
15	2024-06-12, 2:31 a.m. MDT	2.5 pCi/L	24.9316 inHg	67.6 °F	56.5 %rH
16	2024-06-12, 3:31 a.m. MDT	3.3 pCi/L	24.9381 inHg	67.6 °F	55.5 %rH
17	2024-06-12, 4:31 a.m. MDT	4.1 pCi/L	24.9469 inHg	67.6 °F	55.0 %rH
18	2024-06-12, 5:31 a.m. MDT	2.3 pCi/L	24.9511 inHg	66.9 °F	55.0 %rH
19	2024-06-12, 6:31 a.m. MDT	3.8 pCi/L	24.9647 inHg	66.9 °F	54.5 %rH
20	2024-06-12, 7:31 a.m. MDT	4.1 pCi/L	24.9830 inHg	66.9 °F	54.0 %rH
21	2024-06-12, 8:31 a.m. MDT	3.8 pCi/L	24.9883 inHg	66.6 °F	53.5 %rH
22	2024-06-12, 9:31 a.m. MDT	3.5 pCi/L	24.9912 inHg	66.6 °F	53.0 %rH
23	2024-06-12, 10:31 a.m. MDT	3.5 pCi/L	24.9971 inHg	66.9 °F	53.0 %rH
24	2024-06-12, 11:31 a.m. MDT	3.1 pCi/L	24.9930 inHg	66.9 °F	52.5 %rH
25	2024-06-12, 12:31 p.m. MDT	2.0 pCi/L	24.9824 inHg	67.3 °F	51.5 %rH
26	2024-06-12, 1:31 p.m. MDT	2.3 pCi/L	24.9694 inHg	67.6 °F	51.0 %rH
27	2024-06-12, 2:31 p.m. MDT	2.0 pCi/L	24.9499 inHg	68.0 °F	50.0 %rH
28	2024-06-12, 3:31 p.m. MDT	4.0 pCi/L	24.9345 inHg	68.0 °F	49.0 %rH
29	2024-06-12, 4:31 p.m. MDT	3.5 pCi/L	24.9239 inHg	68.4 °F	48.5 %rH
30	2024-06-12, 5:31 p.m. MDT	4.8 pCi/L	24.9304 inHg	68.7 °F	49.0 %rH
31	2024-06-12, 6:31 p.m. MDT	3.8 pCi/L	24.9345 inHg	68.7 °F	49.0 %rH
32	2024-06-12, 7:31 p.m. MDT	1.5 pCi/L	24.9599 inHg	68.7 °F	49.0 %rH

33	2024-06-12, 8:31 p.m. MDT	**2.8 pCi/L**	**24.9611 inHg**	**68.7 °F**	**49.0 %rH**
34	2024-06-12, 9:31 p.m. MDT	**5.8 pCi/L**	**24.9617 inHg**	**68.7 °F**	**49.5 %rH**
35	2024-06-12, 10:31 p.m. MDT	**7.1 pCi/L**	**24.9712 inHg**	**68.7 °F**	**49.0 %rH**
36	2024-06-12, 11:31 p.m. MDT	**3.3 pCi/L**	**24.9777 inHg**	**68.7 °F**	**49.0 %rH**
37	2024-06-13, 12:31 a.m. MDT	**2.5 pCi/L**	**24.9771 inHg**	**68.4 °F**	**49.0 %rH**
38	2024-06-13, 1:31 a.m. MDT	**4.5 pCi/L**	**24.9735 inHg**	**68.4 °F**	**49.0 %rH**
39	2024-06-13, 2:31 a.m. MDT	**1.5 pCi/L**	**24.9658 inHg**	**68.4 °F**	**49.0 %rH**
40	2024-06-13, 3:31 a.m. MDT	**4.2 pCi/L**	**24.9593 inHg**	**68.0 °F**	**49.0 %rH**
41	2024-06-13, 4:31 a.m. MDT	**3.5 pCi/L**	**24.9546 inHg**	**68.4 °F**	**48.5 %rH**
42	2024-06-13, 5:31 a.m. MDT	**3.5 pCi/L**	**24.9593 inHg**	**68.0 °F**	**48.5 %rH**
43	2024-06-13, 6:31 a.m. MDT	**3.0 pCi/L**	**24.9723 inHg**	**68.0 °F**	**48.5 %rH**
44	2024-06-13, 7:31 a.m. MDT	**1.2 pCi/L**	**24.9830 inHg**	**68.0 °F**	**48.0 %rH**
45	2024-06-13, 8:31 a.m. MDT	**2.0 pCi/L**	**25.0031 inHg**	**67.6 °F**	**48.0 %rH**
46	2024-06-13, 9:31 a.m. MDT	**6.3 pCi/L**	**25.0107 inHg**	**67.3 °F**	**48.5 %rH**
47	2024-06-13, 10:31 a.m. MDT	**3.5 pCi/L**	**25.0125 inHg**	**67.3 °F**	**48.0 %rH**
48	2024-06-13, 11:31 a.m. MDT	**3.2 pCi/L**	**25.0125 inHg**	**67.3 °F**	**48.0 %rH**

RADON LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS



MEDIUM RADON LEVELS - CONSIDER FIXING DUE TO RADON LEVELS (2.0-3.9 PCI/L) - ACTIVE SYSTEM

The 48-hour radon levels came back under the set EPA action level of 4.0 pCi/L (real estate transactions). But, due to radon levels coming back between 2.0 pCi/L and 3.9 pCi/L, the EPA recommends fixing the issue. The current active radon mitigation system that is present is not working well enough and further evaluation is recommended. Either the system/fan is not big enough, the system is clogged, or another system needs to be added. etc., in order to get the radon levels under the EPA's recommended levels. After further evaluation and needed updates or corrections to the current system that is installed, the levels should aim to be under 2.0 pCi/L.

*Understanding Your Results: The recommendation above is based on results from a 48-hour test utilizing a calibrated electronic Continuous Radon Monitor (CRM). The test was conducted, and results reviewed by an NRSB, DORA and InterNACHI Certified Radon Tester. The EPA Action Level for indoor radon gas concentration is 4.0 pCi/L averaged over a minimum 48-hour testing period (this is the EPA recommended test length for real estate transactions). The EPA additionally recommends considering fixing your home if levels exceed an average of 2.0 pCi/L. Please see the EPA citizens guideline for radon below for additional information.

EPA Citizens Guide for Radon - 2016_a_citizens_guide_to_radon.pdf (epa.gov)

*The EPA recommends testing every 2 years to make sure radon levels are under EPA's recommended levels, regardless if there is a mitigation system installed or not.

Health Information: The World Health Organization (WHO) estimates that 15% of lung cancers worldwide are caused by exposure to elevated indoor levels of radon. Overall, radon is the second leading cause of lung cancer responsible for about 21,000 lung cancer deaths every year in the US alone, second only to smoking. The U.S. Environmental Protection Agency (EPA), the U.S. Surgeon General, and the Center for Disease Control and Prevention (CDC) strongly recommend that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy and recommend having the radon levels professionally mitigated if elevated radon concentrations are found. Nearly 73% (that is every 3 out of 4 homes) of all homes in Colorado have high levels of the gas.

RADON PLACEMENT PHOTO





MONITOR INFORMATION

Serial Number:	2700014600
Calibration Date:	2024-06-03
Calibration Expiration Date:	2025-06-03
Manufacturer:	Airthings
Model:	Corentium Pro
Calibration Chamber:	Airthings Lab
License #:	TC111706 / TRC2101
Noninterference Controls:	Corentium Pro uses a motion sensor to detect movement of the monitor during the measurement. It also records hourly temperature, humidity, and atmospheric pressure data to detect if closed-building conditions may have been broken during the measurement.

ProView LLC., Certifications - Colorado Dora Certification # - RME.0000224 - NRSB (National Radon Safety Board) Cert #22SS045

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL

Temporary Conditions:	None documented.
Deviations from Protocol:	None documented.