

Radon Measurement Report



NORTH WEST
RADON TESTING

COMPANY INFORMATION



Name: 911 Home Services, Inc - Northwest Radon Testing
Phone Number: 8478774050
Email: northwestradontests@gmail.com
Address: 1204 W Busse Ave, Mt Prospect, IL 60056, USA



CERTIFICATIONS

Name:	Number:	Expiration Date:
Radon Measurement Professional IL License IL	RNI2022229	06/27/2024

RADON PROFESSIONAL INFORMATION



Name: Ineta Jokubaitis
Email address: northwestradontests@gmail.com
Phone number: 8478774050

PROPERTY INFORMATION



Property Name:	1069 N Delan
Address:	1069 North Delany Road, Gurnee, Illinois 60031, United States
Building Year:	1969
Ventilation Type:	Central Fan
Building Type:	House
Foundation Type:	Basement Foundation
Radon Mitigation System:	None

TEST INFORMATION



Average Radon Level:	13.2 pCi/L
Dataset Name:	1069 N Delany Rd, Gurnee, IL 60031
Measurement Type:	Real-Estate Transaction
Start Date:	Jun 26, 2022, 3:04 p.m. CDT
End Date:	Jun 28, 2022, 11:04 a.m. CDT
Measurement Duration:	44h
Floor/Level:	Basement
Room:	Basement
Comment:	No comments documented.

MEASUREMENT SUMMARY



LEVEL OF RADON

MINIMUM
5.7 pCi/L

AVERAGE
13.2 pCi/L

MAXIMUM
21.4 pCi/L



TEMPERATURE

MINIMUM
67.6 °F

AVERAGE
67.9 °F

MAXIMUM
68.7 °F



HUMIDITY

MINIMUM
61.0 %rH

AVERAGE
61.9 %rH

MAXIMUM
63.5 %rH



ATMOSPHERIC PRESSURE

MINIMUM
29.3369 inHg

AVERAGE
29.4775 inHg

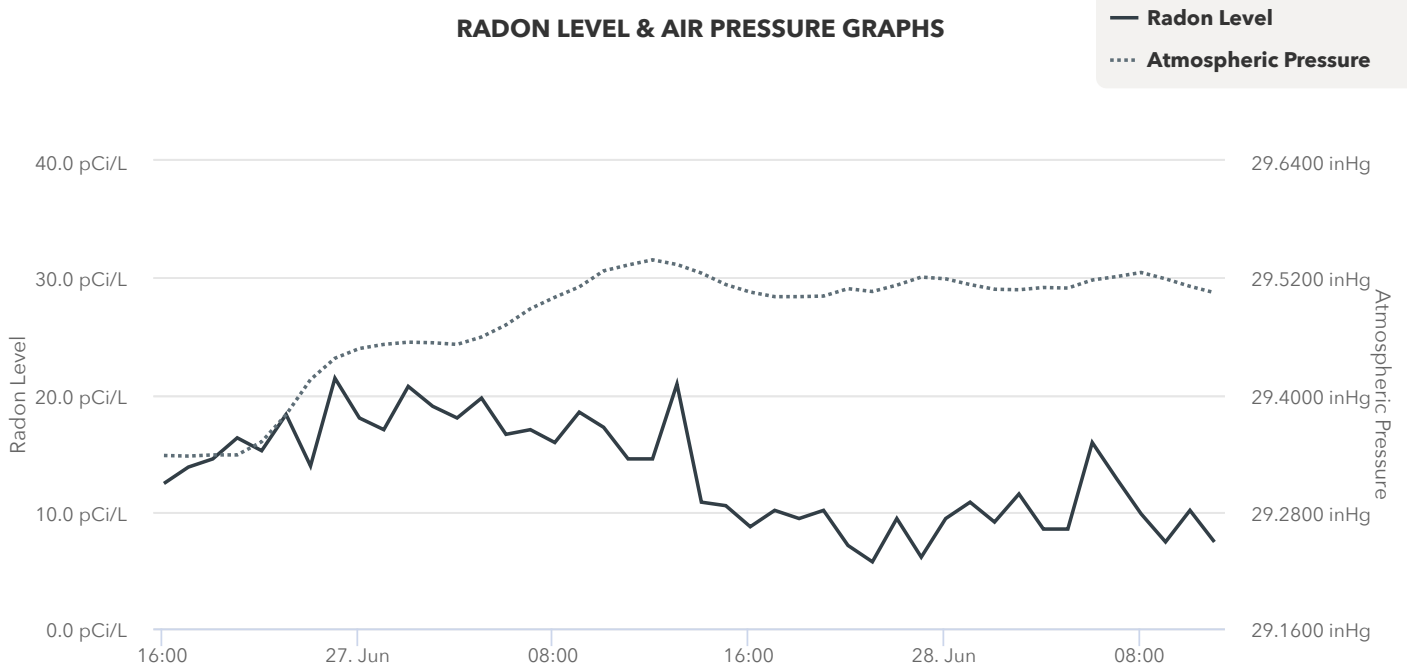
MAXIMUM
29.5383 inHg



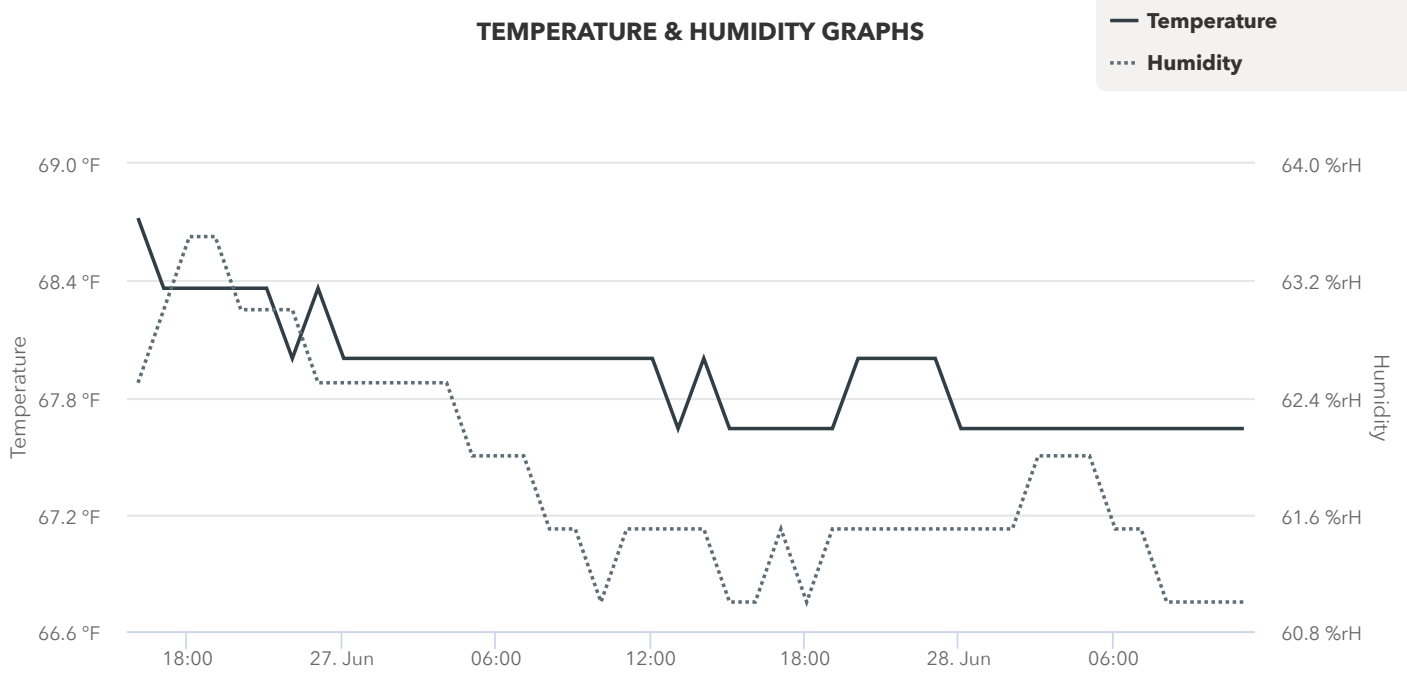
MOTION EVENTS

No motion events were detected during this measurement.

RADON LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS



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	2022-06-26, 4:04 p.m. CDT	12.4 pCi/L	29.3375 inHg	68.7 °F	62.5 %rH
2	2022-06-26, 5:04 p.m. CDT	13.8 pCi/L	29.3369 inHg	68.4 °F	63.0 %rH
3	2022-06-26, 6:04 p.m. CDT	14.5 pCi/L	29.3381 inHg	68.4 °F	63.5 %rH
4	2022-06-26, 7:04 p.m. CDT	16.3 pCi/L	29.3381 inHg	68.4 °F	63.5 %rH
5	2022-06-26, 8:04 p.m. CDT	15.2 pCi/L	29.3516 inHg	68.4 °F	63.0 %rH
6	2022-06-26, 9:04 p.m. CDT	18.3 pCi/L	29.3794 inHg	68.4 °F	63.0 %rH
7	2022-06-26, 10:04 p.m. CDT	13.9 pCi/L	29.4154 inHg	68.0 °F	63.0 %rH
8	2022-06-26, 11:04 p.m. CDT	21.4 pCi/L	29.4373 inHg	68.4 °F	62.5 %rH
9	2022-06-27, 12:04 a.m. CDT	18.0 pCi/L	29.4473 inHg	68.0 °F	62.5 %rH
10	2022-06-27, 1:04 a.m. CDT	17.0 pCi/L	29.4515 inHg	68.0 °F	62.5 %rH
11	2022-06-27, 2:04 a.m. CDT	20.7 pCi/L	29.4538 inHg	68.0 °F	62.5 %rH
12	2022-06-27, 3:04 a.m. CDT	19.0 pCi/L	29.4532 inHg	68.0 °F	62.5 %rH
13	2022-06-27, 4:04 a.m. CDT	18.0 pCi/L	29.4515 inHg	68.0 °F	62.5 %rH
14	2022-06-27, 5:04 a.m. CDT	19.7 pCi/L	29.4591 inHg	68.0 °F	62.0 %rH
15	2022-06-27, 6:04 a.m. CDT	16.6 pCi/L	29.4715 inHg	68.0 °F	62.0 %rH
16	2022-06-27, 7:04 a.m. CDT	17.0 pCi/L	29.4881 inHg	68.0 °F	62.0 %rH
17	2022-06-27, 8:04 a.m. CDT	15.9 pCi/L	29.4999 inHg	68.0 °F	61.5 %rH
18	2022-06-27, 9:04 a.m. CDT	18.5 pCi/L	29.5105 inHg	68.0 °F	61.5 %rH
19	2022-06-27, 10:04 a.m. CDT	17.2 pCi/L	29.5270 inHg	68.0 °F	61.0 %rH
20	2022-06-27, 11:04 a.m. CDT	14.5 pCi/L	29.5330 inHg	68.0 °F	61.5 %rH
21	2022-06-27, 12:04 p.m. CDT	14.5 pCi/L	29.5383 inHg	68.0 °F	61.5 %rH
22	2022-06-27, 1:04 p.m. CDT	20.9 pCi/L	29.5335 inHg	67.6 °F	61.5 %rH
23	2022-06-27, 2:04 p.m. CDT	10.8 pCi/L	29.5247 inHg	68.0 °F	61.5 %rH
24	2022-06-27, 3:04 p.m. CDT	10.5 pCi/L	29.5129 inHg	67.6 °F	61.0 %rH
25	2022-06-27, 4:04 p.m. CDT	8.7 pCi/L	29.5052 inHg	67.6 °F	61.0 %rH
26	2022-06-27, 5:04 p.m. CDT	10.1 pCi/L	29.5005 inHg	67.6 °F	61.5 %rH
27	2022-06-27, 6:04 p.m. CDT	9.4 pCi/L	29.5005 inHg	67.6 °F	61.0 %rH
28	2022-06-27, 7:04 p.m. CDT	10.1 pCi/L	29.5011 inHg	67.6 °F	61.5 %rH
29	2022-06-27, 8:04 p.m. CDT	7.1 pCi/L	29.5087 inHg	68.0 °F	61.5 %rH
30	2022-06-27, 9:04 p.m. CDT	5.7 pCi/L	29.5058 inHg	68.0 °F	61.5 %rH
31	2022-06-27, 10:04 p.m. CDT	9.4 pCi/L	29.5123 inHg	68.0 °F	61.5 %rH
32	2022-06-27, 11:04 p.m. CDT	6.1 pCi/L	29.5206 inHg	68.0 °F	61.5 %rH

33	2022-06-28, 12:04 a.m. CDT	9.4 pCi/L	29.5188 inHg	67.6 °F	61.5 %rH
34	2022-06-28, 1:04 a.m. CDT	10.8 pCi/L	29.5129 inHg	67.6 °F	61.5 %rH
35	2022-06-28, 2:04 a.m. CDT	9.1 pCi/L	29.5081 inHg	67.6 °F	61.5 %rH
36	2022-06-28, 3:04 a.m. CDT	11.5 pCi/L	29.5076 inHg	67.6 °F	62.0 %rH
37	2022-06-28, 4:04 a.m. CDT	8.5 pCi/L	29.5099 inHg	67.6 °F	62.0 %rH
38	2022-06-28, 5:04 a.m. CDT	8.5 pCi/L	29.5093 inHg	67.6 °F	62.0 %rH
39	2022-06-28, 6:04 a.m. CDT	15.9 pCi/L	29.5176 inHg	67.6 °F	61.5 %rH
40	2022-06-28, 7:04 a.m. CDT	12.8 pCi/L	29.5211 inHg	67.6 °F	61.5 %rH
41	2022-06-28, 8:04 a.m. CDT	9.8 pCi/L	29.5253 inHg	67.6 °F	61.0 %rH
42	2022-06-28, 9:04 a.m. CDT	7.4 pCi/L	29.5188 inHg	67.6 °F	61.0 %rH
43	2022-06-28, 10:04 a.m. CDT	10.1 pCi/L	29.5111 inHg	67.6 °F	61.0 %rH
44	2022-06-28, 11:04 a.m. CDT	7.4 pCi/L	29.5046 inHg	67.6 °F	61.0 %rH

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



Temporary Conditions:

None documented.

Deviations from Protocol:

None documented.

Recommended Actions

≥4.0 pCi/L - W/O MITIGATION SYSTEM

The average measured radon level is at or above the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. The EPA recommends having a radon mitigation system installed to reduce the concentration of indoor radon. Retest the building at least 24 hours but within 30 days after the system has been installed and running. The EPA recommends having the building retested at least once every 2 years to ensure the system remains effective. Performing follow-up tests during the heating season is recommended since this is when radon levels tend to be the highest. A 12-month long test, or continuous monitoring, will most accurately reflect radon exposure throughout the year.

MONITOR INFORMATION



Serial Number:	2700015687
Calibration Date:	2022-05-03
Calibration Expiration Date:	2023-05-03
Manufacturer:	Airthings
Model:	Corentium Pro
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.

TIME REPORT WAS GENERATED



Unique Report ID:	2700015687-2022-06-26T17:04:05Z
Date Report Was Generated:	2022-06-28
Time:	2:13 p.m. CDT

STATEMENT OF LIMITATIONS

There is an uncertainty with any radon measurement result due to statistical variations in radiation, and other factors, such as conditions which change daily and seasonally which can cause variations in indoor radon levels. These conditions can change based on the weather, the use or disuse of appliances, systems, and components of the structure, tampering with the radon test, or failure to comply with the closed-building conditions necessary for a valid radon measurement result.

ADDITIONAL RADON INFORMATION

For further information regarding your radon measurement report, radon exposure risk, a radon professional, or to obtain a list of certified radon measurement and mitigation professionals in your area, contact your jurisdiction's Department of Health.

Call (800) 325-1245 or visit <https://www2.illinois.gov/iema/NRS/Radon/Pages/default.aspx>

For more general Radon information, visit <https://www.epa.gov/radon>

PHOTOS



RADON PROFESSIONAL'S SIGNATURE

This report is certified by Ineta Jokubaitis.

Ineta Jokubaitis

Electronic Signature

2022-06-28
Gurnee, Illinois