

# Radon Measurement Report



## COMPANY INFORMATION



Name:	Warren Home Inspections
Phone Number:	508-881-1105
Email:	admin@warrenhomeinspections.com
Street Address:	171 Main St., B101
City:	Ashland
State/Province/Territory:	MA
Postal/ZIP code:	01721
Country:	USA

## PROPERTY INFORMATION



Street Name:	
City:	
State/Province/Territory:	
Postal/ZIP Code:	
Country:	United States
Building Year:	2011
Ventilation Type:	Standard Makeup Air
Building Type:	House
Foundation Type:	Basement Foundation
Radon Mitigation System:	None

## MEASUREMENT SUMMARY

### RADON LEVEL

4.2 pCi/L  
MINIMUM

9.0 pCi/L  
AVERAGE

13.9 pCi/L  
MAXIMUM

### ATMOSPHERIC PRESSURE

100.8100 kPa  
MINIMUM

101.6383 kPa  
AVERAGE

102.1600 kPa  
MAXIMUM

### TEMPERATURE

58.6 °F  
MINIMUM

62.8 °F  
AVERAGE

65.8 °F  
MAXIMUM

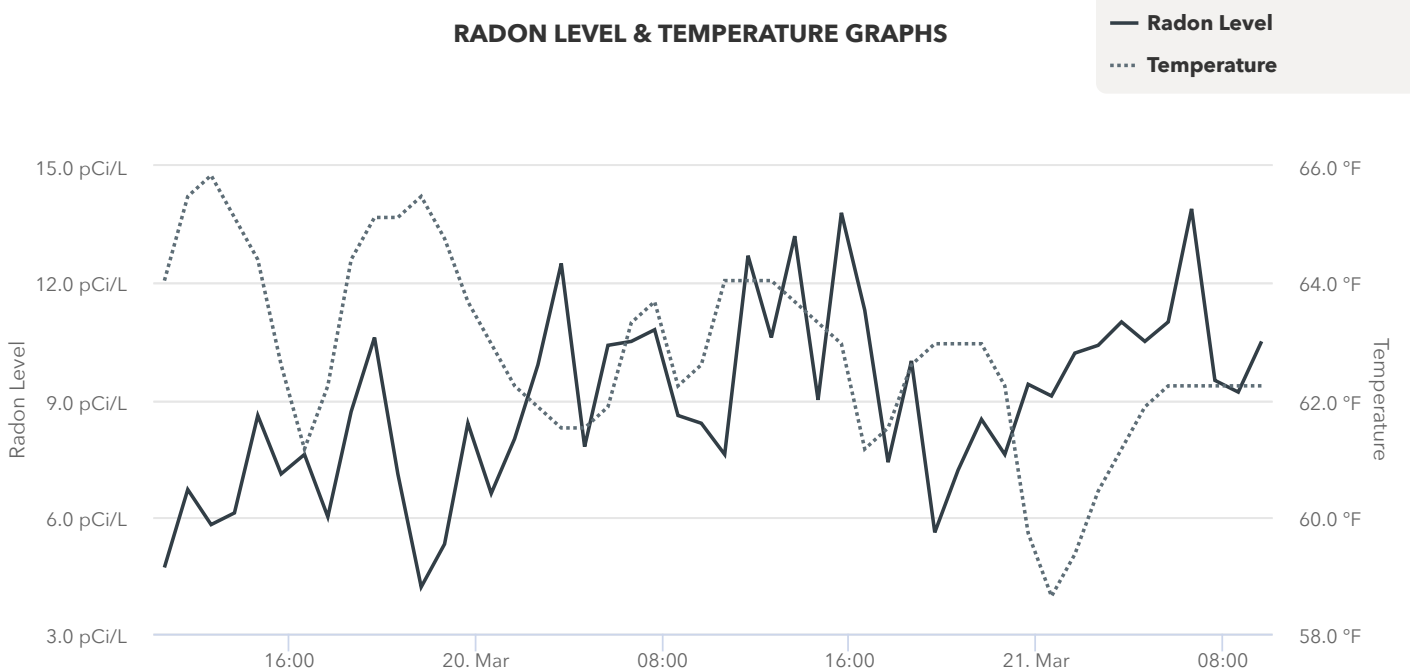
### HUMIDITY

42.0 %rH  
MINIMUM

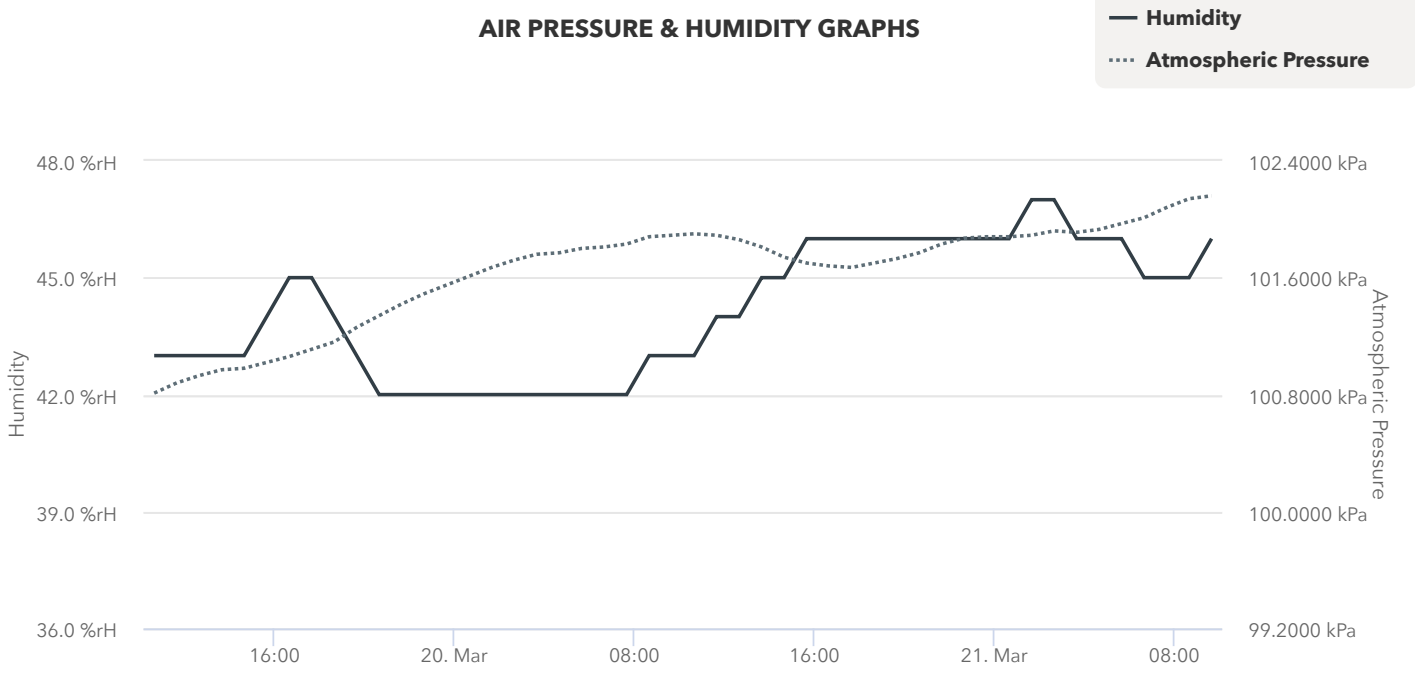
44.2 %rH  
AVERAGE

47.0 %rH  
MAXIMUM

## RADON LEVEL & TEMPERATURE GRAPHS



### AIR PRESSURE & 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	2021-03-19, 10:39 a.m.	4.7 pCi/L	100.8100 kPa	64.0 °F	43.0 %rH
2	2021-03-19, 11:39 a.m.	6.7 pCi/L	100.8800 kPa	65.5 °F	43.0 %rH
3	2021-03-19, 12:39 p.m.	5.8 pCi/L	100.9300 kPa	65.8 °F	43.0 %rH
4	2021-03-19, 1:39 p.m.	6.1 pCi/L	100.9700 kPa	65.1 °F	43.0 %rH
5	2021-03-19, 2:39 p.m.	8.6 pCi/L	100.9800 kPa	64.4 °F	43.0 %rH
6	2021-03-19, 3:39 p.m.	7.1 pCi/L	101.0200 kPa	62.6 °F	44.0 %rH
7	2021-03-19, 4:39 p.m.	7.6 pCi/L	101.0600 kPa	61.2 °F	45.0 %rH
8	2021-03-19, 5:39 p.m.	6.0 pCi/L	101.1100 kPa	62.2 °F	45.0 %rH
9	2021-03-19, 6:39 p.m.	8.7 pCi/L	101.1600 kPa	64.4 °F	44.0 %rH
10	2021-03-19, 7:39 p.m.	10.6 pCi/L	101.2600 kPa	65.1 °F	43.0 %rH
11	2021-03-19, 8:39 p.m.	7.1 pCi/L	101.3400 kPa	65.1 °F	42.0 %rH
12	2021-03-19, 9:39 p.m.	4.2 pCi/L	101.4200 kPa	65.5 °F	42.0 %rH
13	2021-03-19, 10:39 p.m.	5.3 pCi/L	101.4900 kPa	64.8 °F	42.0 %rH

<b>14</b>	2021-03-19, 11:39 p.m.	<b>8.4 pCi/L</b>	<b>101.5500 kPa</b>	<b>63.7 °F</b>	<b>42.0 %rH</b>
<b>15</b>	2021-03-20, 12:39 a.m.	<b>6.6 pCi/L</b>	<b>101.6100 kPa</b>	<b>63.0 °F</b>	<b>42.0 %rH</b>
<b>16</b>	2021-03-20, 1:39 a.m.	<b>8.0 pCi/L</b>	<b>101.6700 kPa</b>	<b>62.2 °F</b>	<b>42.0 %rH</b>
<b>17</b>	2021-03-20, 2:39 a.m.	<b>9.9 pCi/L</b>	<b>101.7200 kPa</b>	<b>61.9 °F</b>	<b>42.0 %rH</b>
<b>18</b>	2021-03-20, 3:39 a.m.	<b>12.5 pCi/L</b>	<b>101.7600 kPa</b>	<b>61.5 °F</b>	<b>42.0 %rH</b>
<b>19</b>	2021-03-20, 4:39 a.m.	<b>7.8 pCi/L</b>	<b>101.7700 kPa</b>	<b>61.5 °F</b>	<b>42.0 %rH</b>
<b>20</b>	2021-03-20, 5:39 a.m.	<b>10.4 pCi/L</b>	<b>101.8000 kPa</b>	<b>61.9 °F</b>	<b>42.0 %rH</b>
<b>21</b>	2021-03-20, 6:39 a.m.	<b>10.5 pCi/L</b>	<b>101.8100 kPa</b>	<b>63.3 °F</b>	<b>42.0 %rH</b>
<b>22</b>	2021-03-20, 7:39 a.m.	<b>10.8 pCi/L</b>	<b>101.8300 kPa</b>	<b>63.7 °F</b>	<b>42.0 %rH</b>
<b>23</b>	2021-03-20, 8:39 a.m.	<b>8.6 pCi/L</b>	<b>101.8800 kPa</b>	<b>62.2 °F</b>	<b>43.0 %rH</b>
<b>24</b>	2021-03-20, 9:39 a.m.	<b>8.4 pCi/L</b>	<b>101.8900 kPa</b>	<b>62.6 °F</b>	<b>43.0 %rH</b>
<b>25</b>	2021-03-20, 10:39 a.m.	<b>7.6 pCi/L</b>	<b>101.9000 kPa</b>	<b>64.0 °F</b>	<b>43.0 %rH</b>
<b>26</b>	2021-03-20, 11:39 a.m.	<b>12.7 pCi/L</b>	<b>101.8900 kPa</b>	<b>64.0 °F</b>	<b>44.0 %rH</b>
<b>27</b>	2021-03-20, 12:39 p.m.	<b>10.6 pCi/L</b>	<b>101.8600 kPa</b>	<b>64.0 °F</b>	<b>44.0 %rH</b>
<b>28</b>	2021-03-20, 1:39 p.m.	<b>13.2 pCi/L</b>	<b>101.8100 kPa</b>	<b>63.7 °F</b>	<b>45.0 %rH</b>
<b>29</b>	2021-03-20, 2:39 p.m.	<b>9.0 pCi/L</b>	<b>101.7400 kPa</b>	<b>63.3 °F</b>	<b>45.0 %rH</b>
<b>30</b>	2021-03-20, 3:39 p.m.	<b>13.8 pCi/L</b>	<b>101.7000 kPa</b>	<b>63.0 °F</b>	<b>46.0 %rH</b>
<b>31</b>	2021-03-20, 4:39 p.m.	<b>11.3 pCi/L</b>	<b>101.6800 kPa</b>	<b>61.2 °F</b>	<b>46.0 %rH</b>
<b>32</b>	2021-03-20, 5:39 p.m.	<b>7.4 pCi/L</b>	<b>101.6700 kPa</b>	<b>61.5 °F</b>	<b>46.0 %rH</b>
<b>33</b>	2021-03-20, 6:39 p.m.	<b>10.0 pCi/L</b>	<b>101.7000 kPa</b>	<b>62.6 °F</b>	<b>46.0 %rH</b>
<b>34</b>	2021-03-20, 7:39 p.m.	<b>5.6 pCi/L</b>	<b>101.7300 kPa</b>	<b>63.0 °F</b>	<b>46.0 %rH</b>
<b>35</b>	2021-03-20, 8:39 p.m.	<b>7.2 pCi/L</b>	<b>101.7700 kPa</b>	<b>63.0 °F</b>	<b>46.0 %rH</b>
<b>36</b>	2021-03-20, 9:39 p.m.	<b>8.5 pCi/L</b>	<b>101.8300 kPa</b>	<b>63.0 °F</b>	<b>46.0 %rH</b>
<b>37</b>	2021-03-20, 10:39 p.m.	<b>7.6 pCi/L</b>	<b>101.8700 kPa</b>	<b>62.2 °F</b>	<b>46.0 %rH</b>
<b>38</b>	2021-03-20, 11:39 p.m.	<b>9.4 pCi/L</b>	<b>101.8800 kPa</b>	<b>59.7 °F</b>	<b>46.0 %rH</b>
<b>39</b>	2021-03-21, 12:39 a.m.	<b>9.1 pCi/L</b>	<b>101.8800 kPa</b>	<b>58.6 °F</b>	<b>46.0 %rH</b>
<b>40</b>	2021-03-21, 1:39 a.m.	<b>10.2 pCi/L</b>	<b>101.8900 kPa</b>	<b>59.4 °F</b>	<b>47.0 %rH</b>

41	2021-03-21, 2:39 a.m.	10.4 pCi/L	101.9200 kPa	60.4 °F	47.0 %rH
42	2021-03-21, 3:39 a.m.	11.0 pCi/L	101.9100 kPa	61.2 °F	46.0 %rH
43	2021-03-21, 4:39 a.m.	10.5 pCi/L	101.9300 kPa	61.9 °F	46.0 %rH
44	2021-03-21, 5:39 a.m.	11.0 pCi/L	101.9700 kPa	62.2 °F	46.0 %rH
45	2021-03-21, 6:39 a.m.	13.9 pCi/L	102.0100 kPa	62.2 °F	45.0 %rH
46	2021-03-21, 7:39 a.m.	9.5 pCi/L	102.0800 kPa	62.2 °F	45.0 %rH
47	2021-03-21, 8:39 a.m.	9.2 pCi/L	102.1400 kPa	62.2 °F	45.0 %rH
48	2021-03-21, 9:39 a.m.	10.5 pCi/L	102.1600 kPa	62.2 °F	46.0 %rH

## TEST INFORMATION



Average Radon Level:	9.0 pCi/L
Dataset Name	
Start Date:	Mar. 19, 2021, 9:39 a.m.
End Date:	Mar. 21, 2021, 9:39 a.m.
Measurement Duration:	48h
Floor/Level:	Basement
Room:	Basement
Comment:	No comments documented.

## TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



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

## RECOMMENDED ACTION

If your radon test results are below the EPA action level of 4 pCi/L, no further action is required at this time. We recommend that you test again every other year to ensure that radon levels remain below the action level as radon levels do fluctuate. If the property tested uses water from a private well, you may wish to consider testing for radon in water.

If your radon test results are elevated (4 pCi/L or higher), the EPA recommends that action be taken to reduce radon. One radon mitigator Warren Home Inspections clients have worked with in the past is Eagle Environmental (800-69RADON(72366)). We recommend that you test again every other year to ensure that radon levels remain below the action level as radon levels do fluctuate. If the property tested uses water from a private well, you may wish to consider testing for radon in water.

## TIME REPORT WAS GENERATED



Unique Report ID:

Date Report Was Generated:

2021-03-23

Time:

11:47 a.m.

## RADON PROFESSIONAL INFORMATION



Name:

Warren Home Inspections

Email address:

admin@warrenhomeinspections.com

Phone number:

508-881-1105

## 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. Please note: radon levels are constantly fluctuating. Future tests may yield an average reading that is higher or lower than stated in this report.

## RADON PROFESSIONAL'S SIGNATURE

This report is certified by Warren Home Inspections.

*Warren Home Inspections*

Electronic Signature

2021-03-23  
Hometown