

**Get to Know A Weather Website  
Scavenger Hunt**

Name \_\_\_\_\_

Date \_\_\_\_\_ Hour \_\_\_\_\_

**Instructions:**

1. Go to [www.weatherunderground.com](http://www.weatherunderground.com)
2. Search Locations: 48917- Lansing, MI
3. Surf through the website and related pages to find the answers to these questions.

**Part 1: Find on the Main Page (no need to click after #1):**

1. Active warnings for your area: (click on and explain the warning, if present)

\_\_\_\_\_  
\_\_\_\_\_

2. Name of the weather station: \_\_\_\_\_

3. Current temperature: \_\_\_\_\_

4. Current sky cover/clouds: \_\_\_\_\_

5. Current wind speed and direction: \_\_\_\_\_

6. Forecast high temperature for today: \_\_\_\_\_

7. Radar: (clear, precipitation, etc.) \_\_\_\_\_

8. Forecast low temperature for tonight, and chance of precipitation:

\_\_\_\_\_

9. Forecast for tomorrow: (temperature, cloud cover and chance of precipitation)

\_\_\_\_\_  
\_\_\_\_\_

10. Precipitation: \_\_\_\_\_

11. Pollen: \_\_\_\_\_

12. Air Quality: \_\_\_\_\_

13. UV Index: \_\_\_\_\_

14. Additional Conditions:

- a. Air Pressure: \_\_\_\_\_

- b. Visibility: \_\_\_\_\_

- c. Dew Point: \_\_\_\_\_

- d. Humidity: \_\_\_\_\_

15. Station History/Almanac:

- a. Record High Temp and year for yesterday: \_\_\_\_\_

- b. Record Low Temp and year for yesterday: \_\_\_\_\_

16. Astronomy:

- a. Actual Sunrise: \_\_\_\_\_
- b. Actual Sunset: \_\_\_\_\_
- c. Civil Twilight Sunrise: \_\_\_\_\_
- d. Civil Twilight Sunset: \_\_\_\_\_

17. Current Stage of the Moon: \_\_\_\_\_

- a. Date of New Moon: \_\_\_\_\_
- b. Date of Full Moon: \_\_\_\_\_

18. Today's Temperature Extremes:

- a. Highest Location and Temp: \_\_\_\_\_
- b. Lowest Location and Temp: \_\_\_\_\_

19. News Headline:

\_\_\_\_\_

\_\_\_\_\_

20. Nearby Weather Stations:

- a. Temp at Moore's Park Neighborhood: \_\_\_\_\_
- b. Wind at Bennett Woods Elementary: \_\_\_\_\_
- c. Dewpoint at Hunter Park: \_\_\_\_\_
- d. Heat Index at Keller's Ridge: \_\_\_\_\_

**Part 2: Find on Related Pages**

**(click on titles from the main page for more information)**

1. Precipitation:

- a. What has been the total accumulation in recent hours?

\_\_\_\_\_

- b. What can we expect over the next several hours?

\_\_\_\_\_

2. Pollen (Today):

- a. Pollen type? \_\_\_\_\_
- b. Risk for trees? \_\_\_\_\_ Grass \_\_\_\_\_ Weed \_\_\_\_\_

3. Air Quality:

- a. Current Air Quality Index: \_\_\_\_\_
- b. Current Dominant Pollutant: \_\_\_\_\_

- c. Tomorrow's Air Quality: \_\_\_\_\_
- d. Tomorrow's Main Pollutant(s): \_\_\_\_\_
  - i. What does PM stand for? \_\_\_\_\_
  - ii. What is the health concern for an EPA level of 101-150?  
\_\_\_\_\_

4. Hourly

- a. At what time will it be warmest today? \_\_\_\_\_
- b. What will the wind speed and direction be at this time?  
\_\_\_\_\_
- c. What will the temperature and sky cover be at 9 p.m. tonight?  
\_\_\_\_\_

5. 10-Day Forecast

- a. Red line: \_\_\_\_\_
- b. Black line: \_\_\_\_\_
- c. Blue line: \_\_\_\_\_
- d. What will the temperature, pressure and wind speed be at 5 p.m. on Tuesday, May 8th?  
\_\_\_\_\_

6. Calendar:

- a. What was the record high on Friday, May 18th? \_\_\_\_\_  
What is the average? \_\_\_\_\_

7. Go to Search Locations and select a different location anywhere you want.

Describe some weather conditions for that location.

- a. Name of location: \_\_\_\_\_
- b. Weather conditions there:  
\_\_\_\_\_  
\_\_\_\_\_