

Name:

Date:

* Look at the map of air quality measurement stations at : https://cyclone.unbc.ca/aqmap/v3 to answer the following questions

1. Use the following data to answer questions 1 and 2:

|  |  |
| --- | --- |
| Time | PM₂.₅ level  (μg m-³) |
| 6:00 am | 2 |
| 7:00 am | 2 |
| 8:00 am | 1 |
| 9:00 am | 2 |
| 10:00 am | 1 |
| 11:00 am | 3 |
| 12:00 pm | 3 |
| 1:00 pm | 4 |
| 2:00 pm | 5 |
| 3:00 pm | 5 |
| 4:00 pm | 4 |
| 5:00 pm | 4 |
| 6:00 pm | 3 |
| 7:00 pm | 3 |
| 8:00 pm | 3 |

* 1. What is the highest observation (the “maximum”)? μg m-³
  2. What is the lowest observation (the “minimum”)? μg m-³
  3. What is the most common observation (the “minimum”)? μg m-³

1. The average (or “mean”) PM₂.₅ level is calculated as the sum of all the PM₂.₅ values, divided by the number of observations. [Show your work on the back, or another piece of paper]
   1. What is the sum of all PM₂.₅ values? μg m-³
   2. How many observations are reported in the table? μg m-³
   3. What is the average PM₂.₅ level? μg m-³

Funding provided by:

