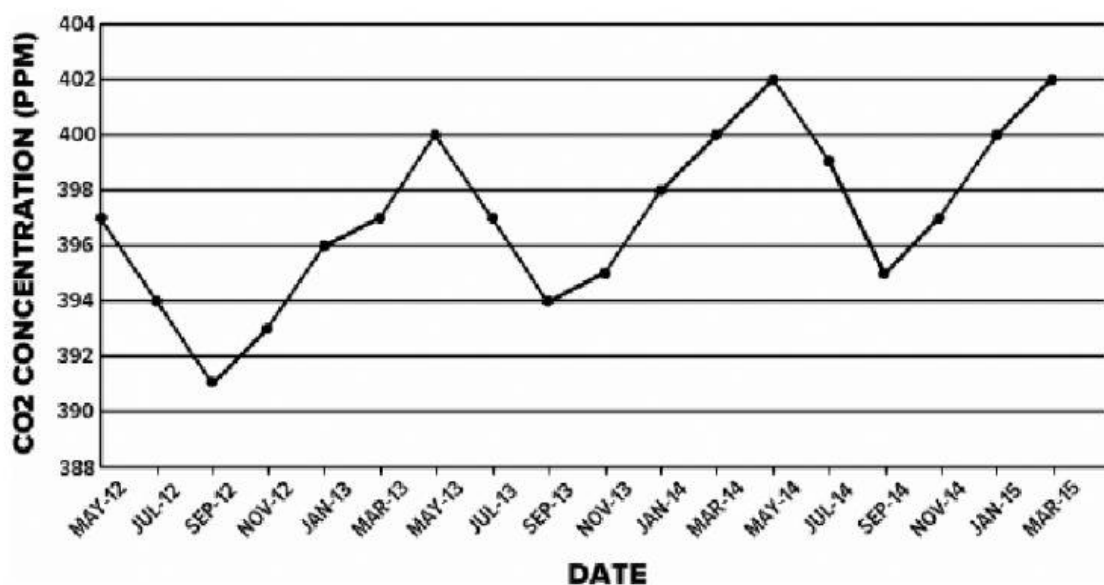


# Impact On Climate-Week 7

## Worksheet

### Analyze It

Examine the monthly average carbon dioxide ( $\text{CO}_2$ ) concentration recorded at Hawaii's Mauna Loa Observatory. Cite details from the graph to answer the following questions.



1. What can you observe about  $\text{CO}_2$  concentrations over the course of a year?
2. At what dates are there peaks in the graph? At what dates are there valleys?
3. What is the trend of  $\text{CO}_2$  concentrations in recent years?
4. Form a hypothesis to explain the shape of this graph.
5. What do you think the data will look like for the rest of 2015 and 2016? Explain your answer.

