

# Evaluating the Precipitation in Dutchess County

Name: \_\_\_\_\_

The following graphs were taken from the Dutchess County Natural Resource Inventory chapter on Climate and provide a great deal of information about temperature and rainfall. Not all of it is apparent from the text and much more data is available from interpreting the meaning of the graphs.

Examine the graph of the Precipitation below and answer the questions that follow.

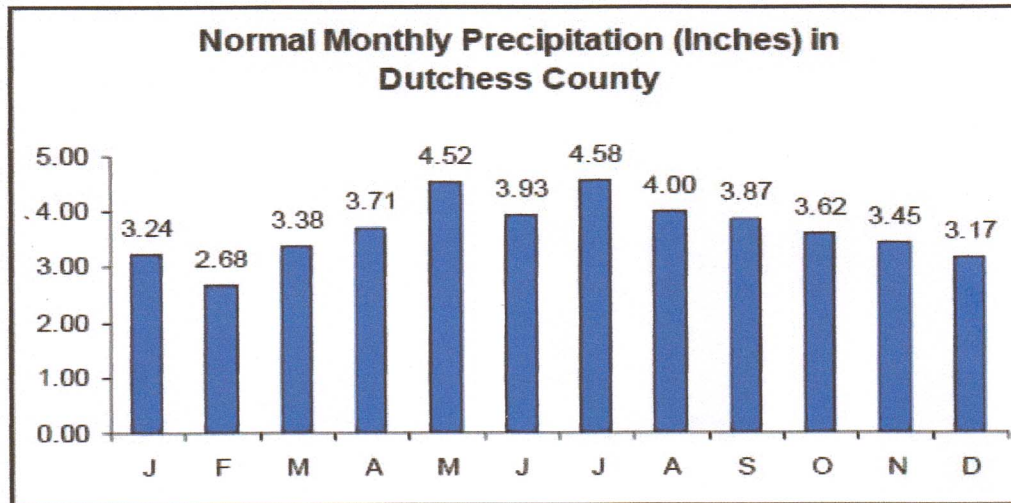


Figure 2.9: Normal Monthly Precipitation in Dutchess County, 1971-2000 (Source: NRCC, "CLIMOD System," 2008).

1. In what season does Dutchess County get the largest amount of precipitation? \_\_\_\_\_
  2. Based on the data in the graph, what is the total amount of rainfall in Dutchess County for the years according to this graph? \_\_\_\_\_
  3. What is the total number of years these records were taken? \_\_\_\_\_
  4. What type of precipitation is most likely when Dutchess County gets its lowest monthly supply of rain water? \_\_\_\_\_
  5. What is the "range" between the months with the most and the least precipitation? \_\_\_\_\_
  6. "Round Off" the monthly precipitation columns to the nearest inch then mark on the graph with a dot. Connect the dots with a line graph. Write a single statement that explains the variability of rainfall in Dutchess County.
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7. Go on line and search in the [www.worldclimate.com](http://www.worldclimate.com) and examine the table of monthly rainfall for the following places: (1) Oslo, Norway (2) Cairo, Egypt (3) Beijing, China Write a sentence comparing the amount and variability of rainfall to the rainfall in Dutchess County.

Examine the graph of precipitation in Dutchess County over a long period of time and answer the questions.