

# Meteorology Class

## Chapter 8 – Air Masses



Name \_\_\_\_\_

\_\_\_\_\_ points earned  
20 possible points

### Overview of Assignment:

In this assignment, you are going to be researching the topic of air masses and then create a bound research report to be handed in over your findings. The final project is due by the start of class on \_\_\_\_\_.

A cover page for your bound packet has already been created and printed.

### Assignment:

Your task is to research, create and compile a report over the topic of air masses. Your report should include concepts of, but not limited to a minimum of 1 page over each of the following: (a) what are air masses, (b) what are source regions, (c) how air masses are classified, (d) how air masses become modified, (e) what are the different North American air masses and their properties and (e) a summary of key vocabulary terms.

The use of graphics on each page is recommended.



### Grading:

Criteria	4	3	2	1
Thoroughness of information	All five areas are covered	4 areas were covered	3 areas were covered	2 or less areas were covered
Spelling and grammar	No errors	1 to 3 errors	4 to 5 errors	More than 5 errors
Graphics are used	More than 1 graphic per page is used and is relevant to the topic	1 graphic per page is used and is relevant to the topic	At least 1 graphic used, but is not relevant to topic	No graphics used
Accuracy of information	All information used is accurate	1 to 3 pieces of information are inaccurate	4 to 5 pieces of information are inaccurate	More than 5 pieces of information are inaccurate
Deadline	Packet is completed on due date			Packet was handed in late

Websites: [http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/home.rxml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/home.rxml)

[http://en.wikipedia.org/wiki/Air\\_mass](http://en.wikipedia.org/wiki/Air_mass)

<http://www.srh.noaa.gov/crp/?n=education-airmasses>