

Weather Patterns and Storms

We have already seen how global circulation patterns influence the climate.

Today we will examine weather systems on a smaller time and spatial scale.

Winds may blow air from different areas of the Earth over other regions.

Where air from different regions meet a weather *front* is seen.

Usually the air masses are moving at different speeds across the terrain:

A *warm front* develops where warm air is overtaking cold air.

A *cold front* develops where cold air is overtaking warm air.

In both cases the warm air is forced to rise over the cold air.

Review for Test

Test will be similar to the quizzes (though unlike the quiz you will have some choice in questions to answer). It will consist of:

37-39 multiple choice questions of which you need to answer 35.

4 short answer questions of which you need to answer 3.

Remember that you can bring 1 4×6 index card, written on both sides, to the test.

Questions will be similar to the quizzes—in fact I will copy a few straight off old quizzes.

What to Study

In the multiple choice questions I will ask some factual/definitional type questions.

However, in the short answer questions I have tried to ask questions that require you to synthesize the material in the chapters.

On the test I'll likely ask a question which asks you to synthesize material across chapters.

In studying I wouldn't necessarily read the whole book again—rather read over the chapter summaries.

Look over your (my) notes—if I talked about it I think it's important.

Try, *without referring to your notes or the book*, to answer the questions at the end of the chapters and especially off the review sheets.

If you can, great, if not, review those areas where you are fuzzy.

After a couple hours or so then try to answer the questions again.

If you can, great, if not, review that material further.