

**PLEASE WRITE NEATLY! IF I CAN'T READ IT – NO CREDIT!**

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

Date: \_\_\_\_\_

**Earth Science Test Review  
Chapter 17 ~ Weather Patterns**

**Test Format:**

5 multiple choice questions, 5 matching questions, 10 fill-in-the-blank questions, 8 short answer questions, and 3 bonus questions

This is the word bank that will be on your test. Not all words will be used in the fill in the blank section, but no word will be used more than once.

air mass	tropical	polar-maritime	continental	clockwise	
counter-clockwise	front	occluded	cyclone	anticyclone	
storm	lightning	tornados	hurricanes	storm surge	evacuate
flash flood	meteorologists	El Niño	land	isobars	
isotherms	temperature	water	humidity	thunderstorms	
	winter storms	thunder			

**Study Resources:**

- Workbook pages
- Section reviews
- Checkpoint questions
- Chapter 17 Study Guide p. 591
- Chapter 16 Assessment p. 592
- KNOW ALL VOCABULARY!!!!!!!

**Things to know:**

- Know the types of air masses: basic characteristics (2), what kind of weather they bring, and where they form.
- Tornados: what they are, where they form, safety
- Hurricanes: what they are, where and how they form (and why), season, safety
- Winter Storms: what they are, where they form, safety
- Floods: causes and safety
- El Niño: what it is, when it occurs, causes, affects
- Know the diagram of “How Symbols Are Used on a Weather Map” on p. 587
- Cyclones vs. Anti-Cyclones: what they are, the way they “spin”, and what type of weather they bring
- Know the difference between a “watch” and a “warning”
- Know the main types of fronts and how they form (and why they’re called fronts)
- Know what lake-effect snow is and why it occurs