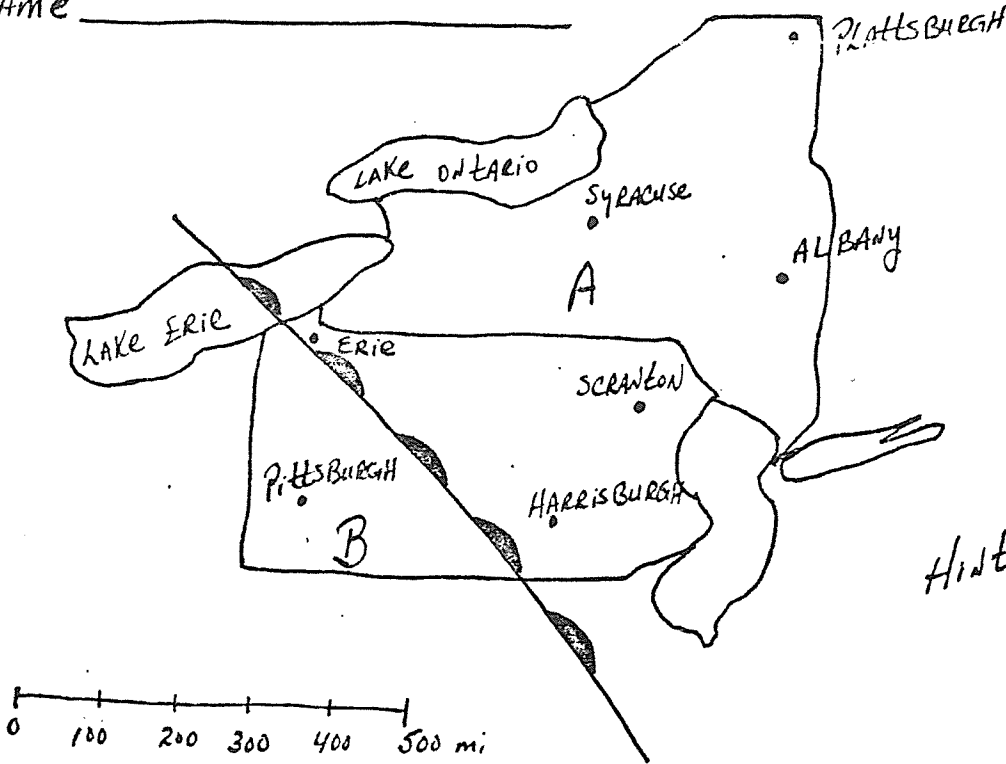


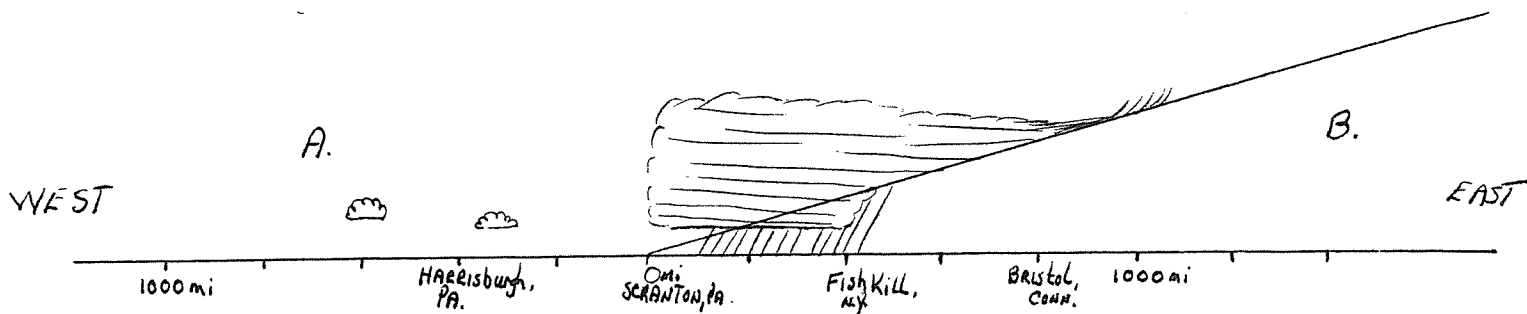
Name \_\_\_\_\_

Per \_\_\_\_\_



Hint - do #4 First.

1. The type of Front shown is a \_\_\_\_\_ Front.  
The type of clouds associated with this front are \_\_\_\_\_ type clouds.
3. WHICH AIR MASS, A or B, is the WARM AIR MASS? \_\_\_\_\_
4. DRAW in the BAND of Precipitation 100 miles to 400 miles AHEAD of the front.
5. How wide is the BAND of Precipitation? \_\_\_\_\_
6. WHAT CITY HAS JUST HAD the Precipitation stop? \_\_\_\_\_
7. WHICH city in PENNSYLVANIA is now ENJOYING CLEAR SKIES, RISING AIR Pressure AND WARMER TEMPERATURES? \_\_\_\_\_
8. WHAT city is JUST RECEIVING RAIN \_\_\_\_\_?
9. WHAT city MIGHT be seeing HALO'S in the SKY AROUND the sun or moon? \_\_\_\_\_
10. WHAT city SHOULD HAVE the LOWEST AIR Pressure AND Steady RAIN? \_\_\_\_\_
11. IF the Front moves 20 miles per hour, How long will it TAKE the Front to REACH HARRISBURGH? \_\_\_\_\_ HOURS
12. How long would it TAKE the RAIN to REACH ALBANY? \_\_\_\_\_ HOURS
13. WHAT type of clouds SHOULD be OVERHEAD AT SCRANTON? \_\_\_\_\_
14. WHICH city is located CLOSEST to the front? \_\_\_\_\_
15. WHICH city HAS FALLING AIR Pressure, COOL temperatures AND A SMALL CORONA AROUND the moon? \_\_\_\_\_
16. WHAT city will be NEXT to RECEIVE WARMER temperatures, AIR Pressure THAT is RISING AND clearing SKIES? \_\_\_\_\_



1. Give Two Forms of Evidence that this is A WARM FRONT. \_\_\_\_\_
- 1a. How MANY miles is it from SCRANTON, PA to FISHKILL, NY? \_\_\_\_\_
2. PLACE Point F on the diagram to show where the Front Touches the Ground. \_\_\_\_\_
3. Which AIR MASS is COLDER, A or B? \_\_\_\_\_
4. Which AIR MASS is REPLACING the other? \_\_\_\_\_
5. What TYPE of CLOUDS ARE ASSOCIATED with this FRONT? \_\_\_\_\_
6. Why do these types of CLOUDS FORM? \_\_\_\_\_
7. Describe the PRECIPITATION ASSOCIATED with WARM FRONTS. \_\_\_\_\_
8. With Respect to Point F, where do the CLOUDS AND PRECIPITATION occur? \_\_\_\_\_
9. The Belt of PRECIPITATION occurs over HOW MANY miles? \_\_\_\_\_
10. DRAW AN ARROW SHOWING THE DIRECTION THE FRONT IS MOVING. \_\_\_\_\_
11. AT which city HAS the RAIN JUST STARTED? \_\_\_\_\_
12. AT which city HAS the RAIN RECENTLY ENDED? \_\_\_\_\_
13. What TYPE of CLOUDS ARE OVER BRISTOL, CONN? \_\_\_\_\_
14. Which city HAS the LOWEST AIR PRESSURE? \_\_\_\_\_
15. LABEL the 5 different CLOUDS on the diagram. \_\_\_\_\_
16. How MANY miles wide is the Belt of PRECIPITATION? \_\_\_\_\_
17. WARM FRONTS MOVE SLOWER THAN COLD FRONT, ABOUT 20 MPH. ABOUT HOW many HOURS will the PRECIPITATION LAST? \_\_\_\_\_
18. Which city HAS the WARMEST TEMPERATURE? \_\_\_\_\_
19. Which city HAS JUST HAD THIS WEATHER FORECAST? "COOL TEMPERATURES, BAROMETER FALLING, RAIN TOMORROW." \_\_\_\_\_
20. Which city HAS JUST HAD THIS WEATHER FORECAST? "WARM TEMPERATURES, BAROMETER RISING, SUNNY SKIES." \_\_\_\_\_
21. How FAR ahead of the front do CLOUDS extend? \_\_\_\_\_