

Name: _____

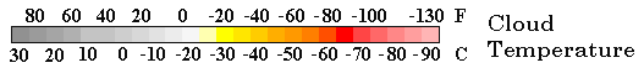
Date: _____ Hour: _____

Today's Weather -

<http://www.planetdiary.com/background/atmact8.html>

What's the weather like today? Meteorologists look at lots of data to answer that question. That's what you'll do in this Planet Diary activity.

1. Here's a [satellite view](#) of today's United States weather. Draw what you see on the map below and color it. Make sure to color the color scale.

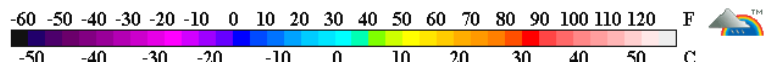


2. Based on today's cloud cover, which parts of the country can expect unsettled or stormy weather today?

← Fold along this line

GLUE DOWN INTO
NOTEBOOK

3. Check out today's [temperature](#) map. Draw what you see on the map below and color it. Make sure to color the scale.



4. Which part of the country is coldest today? Which is warmest?
5. Unsettled weather is often found along weather fronts. Look at today's [weather fronts](#). Draw what you see on the map below and color it.



6. Cold fronts appear as blue lines with triangles; warm fronts are red lines with semi-circles. Describe the positions of today's cold and warm fronts.
7. The map also shows areas of high (H) and low (L) barometric pressure. High pressure usually signals clear weather. Low-

pressure often means unsettled weather. Where are today's high-pressure areas? Where are the low-pressure areas?

8. Look at today's [precipitation](#). Draw what you see on the map below and color it.



Make sure to color the scale.



9. Where is it raining or snowing?

10. How closely do the locations of today's unsettled weather correspond to the locations of low pressure areas and weather fronts?