**Satellite Image Questions**

***Folded Appalachians***

1. How was the river in the center of this image able to cut through the mountain ridges?
2. Why do you think there are so many cities and towns located where they are?
3. Can you find evidence of any roads in this image? What makes you think these are roads?
4. Where was the sun located when this image was taken? What evidence supports your decision?

***High Aerial Photograph of Boston Harbor***

1. On the northern edge of this photo, several white circular features exist. What do you think these might be?
2. What are the white objects that occur in the harbor channel?
3. How would you designate the runway that is situated from NW to SE?
4. What are the white “cotton ball” like features in the NW portion of this photo?

***Southern Idaho***

1. What are the black and greyish regions on this image?
2. Is the lake on the extreme east side of this image natural? Yes or no? If no, where is the dam located? Which way does the river flow?
3. What climate feature(s) do you notice on the extreme northern edge of this image?
4. In the SE portion of this image, located between the two mountain areas, several circular red patterns occur. What do you think is the cause of these patterns?

***U.S.- Canadian Border***

1. What causes the distinct linear feature that dissects this image?

2. What are the white features that occur in the NE portion of this image? How can you tell?

3. In the southern portion of this image several rectangular patterns occur. What do you think these features are? Why are some of them white and others red?

4. In what direction was the sun located when this image was taken? Why do you think this?

***Basin and Range***

1. What causes the “fan-like” shapes near the base of the mountains?
2. Is there any evidence of human intervention in this image? If so, where?
3. What are the large white circular features that occur in the center and NW corner of this image?
4. On the southern edge of the large white circular pattern located in the NW, there appears to be “ripples” of some nature. What do you think these are?

***Natural and False-Color Images of Eastern Kansas***

1. Of these two images, which is easier to distinguish vegetation? Why?
2. In this scene, Topeka is on the west edge and Kansas City is on the east edge. What are the linear features located to the south of Topeka and to the north of Kansas City?
3. What causes the “square” features that dominate almost the entire southern half of both images?
4. What would cause the lake NE of Topeka to appear in two different colors?