

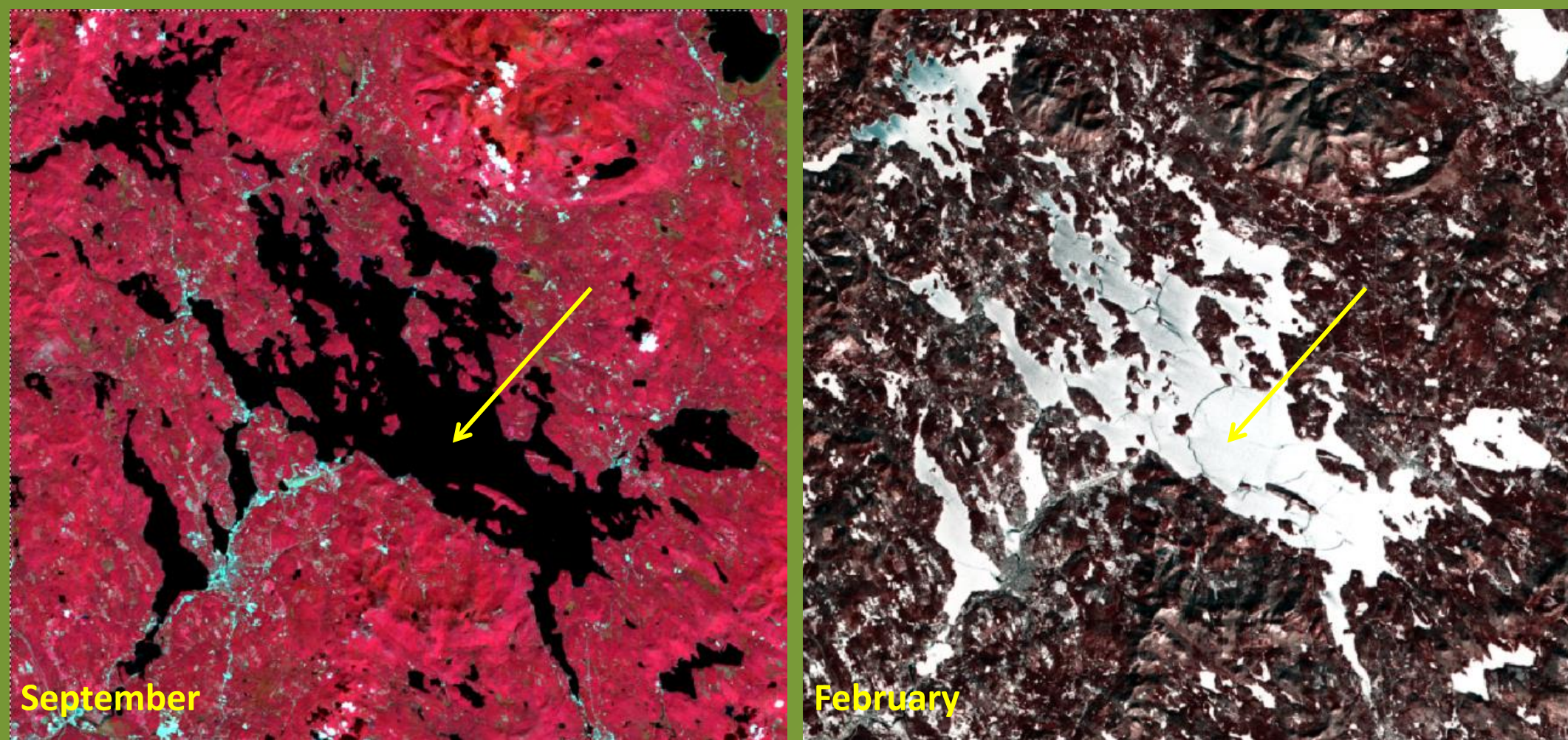


# Viewing New Hampshire From Space

*A Bird's-eye View of The Granite State!*

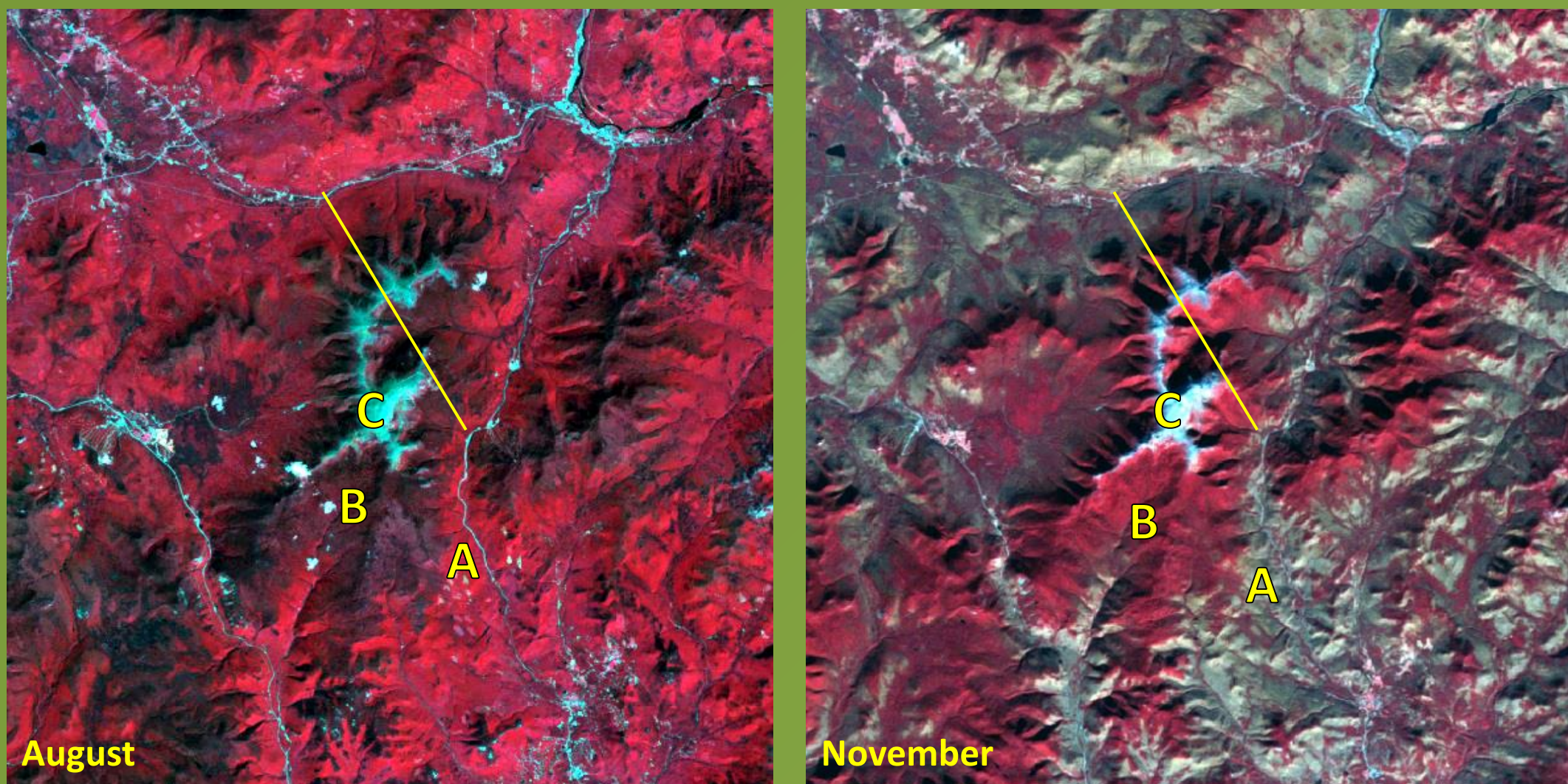


Funding for this work provided by Grant #G14AP00002 from the Department of Interior, United States Geological Survey to AmericaView. Contents of this work are the sole responsibility of the authors.



1. What is this yellow arrow pointing to in the image on the left?
2. Are both arrows pointing to the same thing? Why do they look different?
3. What does the object of the lake in the image to the right tell you about the type and amount of energy being reflected there?

BONUS: What is the name of this location?



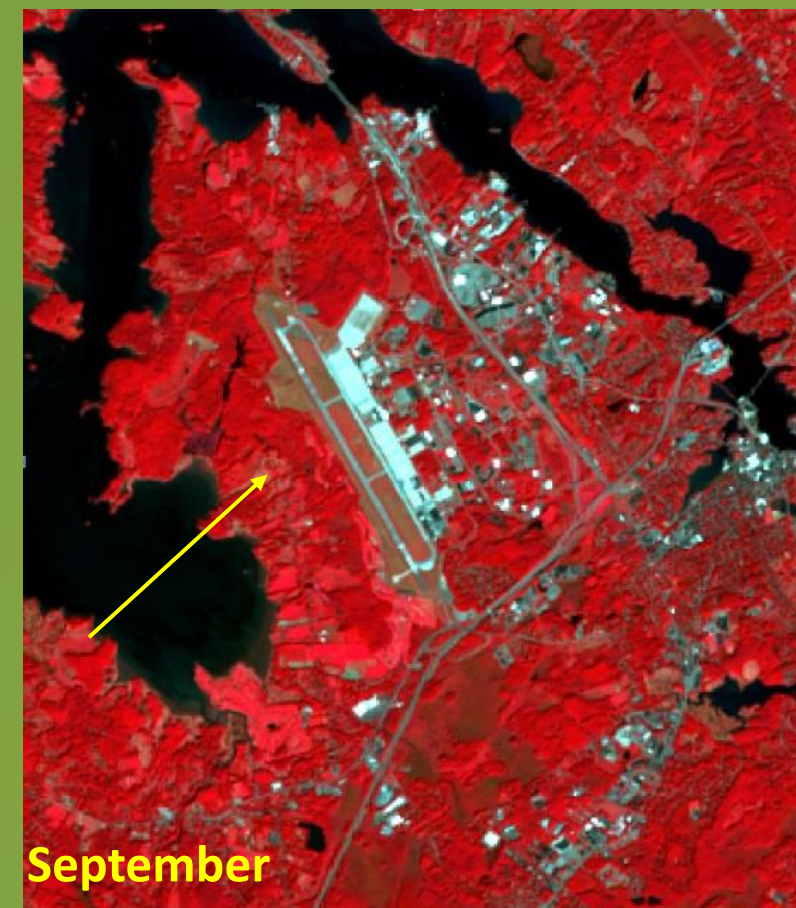
1. The image on the left was taken in August and the Image on the right was taken in November. What kind of vegetation is at points A and B on both images?
2. Why does the vegetation in area B still have a high infrared reflectance between August and November while there is no infrared reflectance in area A in November but a lot of reflectance in August.
3. Why is point C blue while the surrounding areas are red to red-purple in color?
4. The yellow lines represent a proposed new road. Would it be a good idea to build it here? Why? What clue helped you answer the question?

BONUS: What is the name of this location?



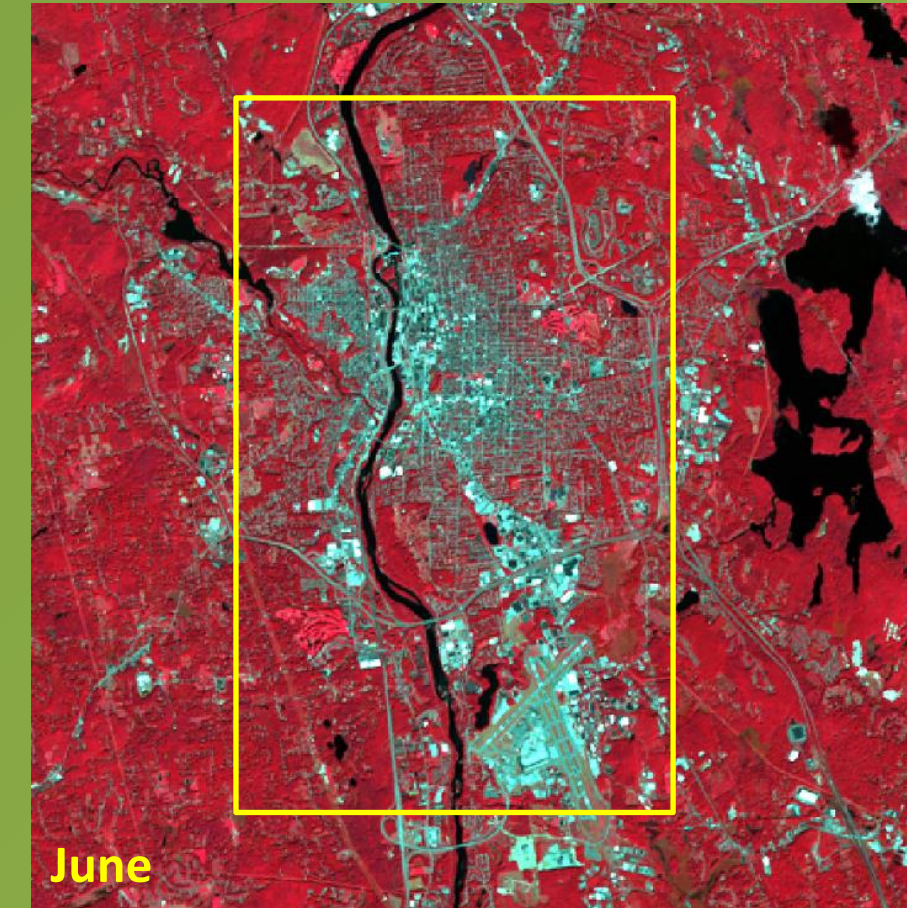
1. Is the feature the arrow is pointing to natural or manmade?
2. Based on your previous answer, what do you think this is?
3. Notice how the area the arrow is pointing to has lots of white pixels but the surrounding landscape has very few. Why might this be? Use your answer to the previous question to help you.

BONUS: What is the name of this location?



1. What is the arrow pointing to?
2. What characteristics about this object helped you to answer question 1?

BONUS: What is the name of this location?

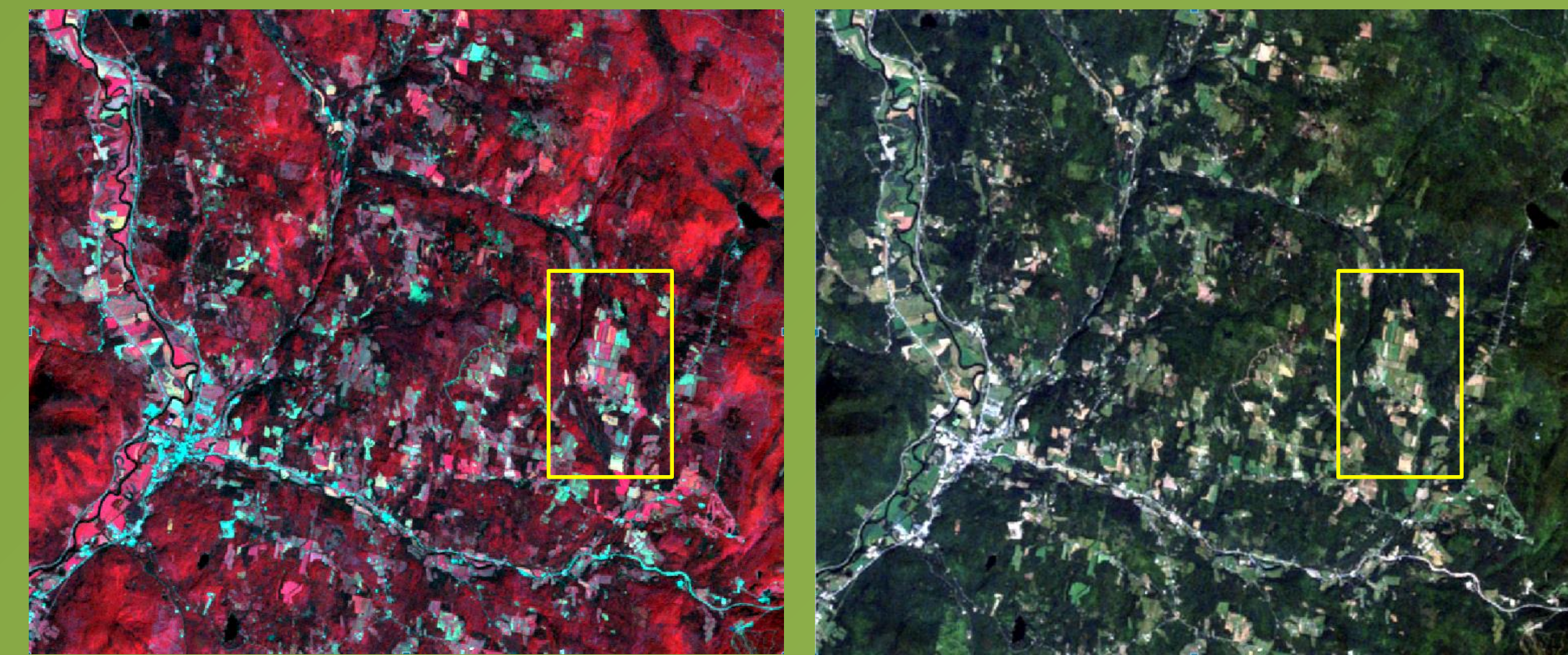


1. What is occurring in the yellow box?
2. What characteristics about this area helped you to answer question 1?

BONUS: What is the name of this location?

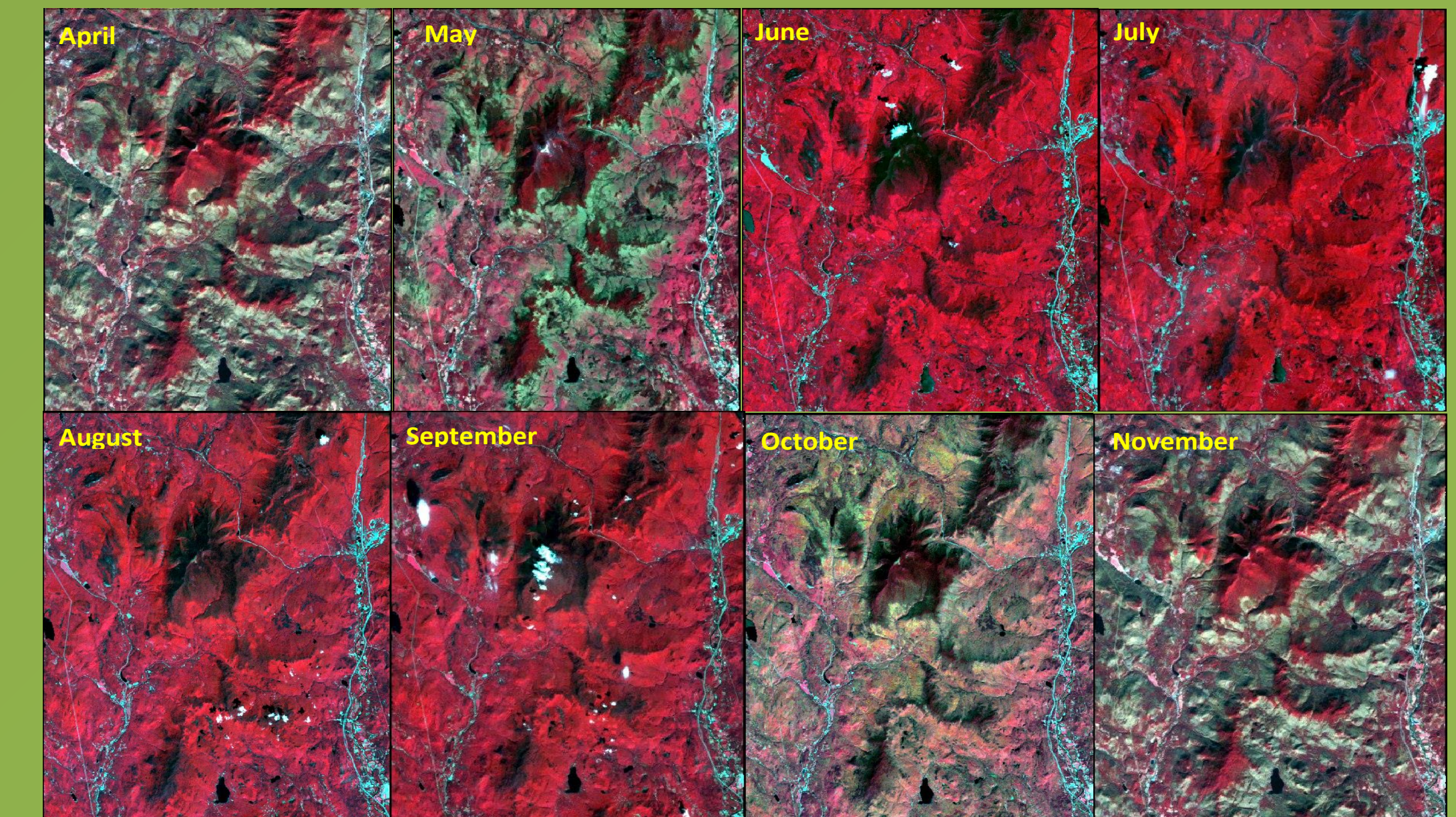


1. Identify several areas that have changed between 1990 and 2010.
2. What types of changes have happened?
3. What might some of the environmental impacts be from these changes?



Both images were taken on the same day. The image on the left is a false color composite and the image on the right is a natural color composite.

1. What kind of land use is occurring within the yellow box?
2. What characteristics of this area helped you to answer question 1?
3. What seems to be the relationship between this land use and water (Hint: Look at the whole scene, not just the box)? Why do you think this is happening?
4. Why might this relationship be a problem environmentally?
5. Based on the whole image, should we be concerned about the water here?



Above are a series off false color composite images from the same location collected between April and November.

1. What natural process is happening in these photos?
2. If you wanted to study the health of the trees in a forest, what would be the best months to do so?
3. Is there a relationship between elevation and the type of trees we would see (Hint: is there an object in this image that has height?)? If so, what is it? The bottom right images may be helpful to look at too.

BONUS: What is the name of this location?