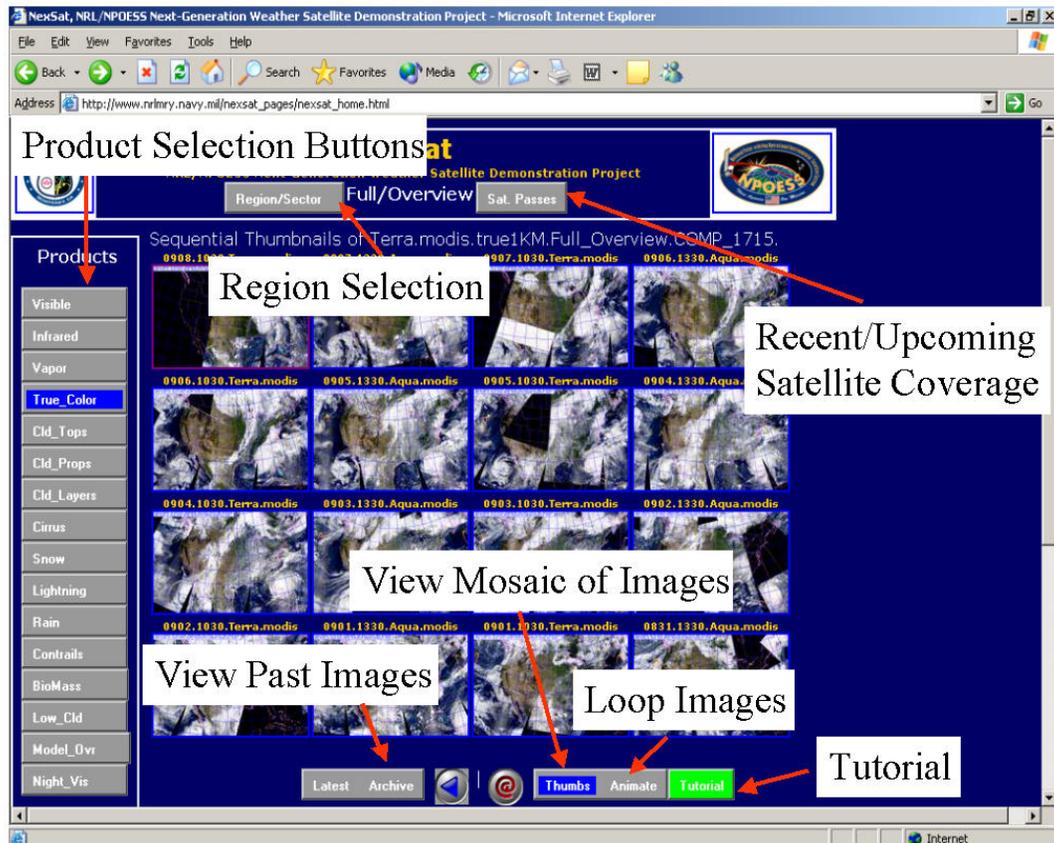




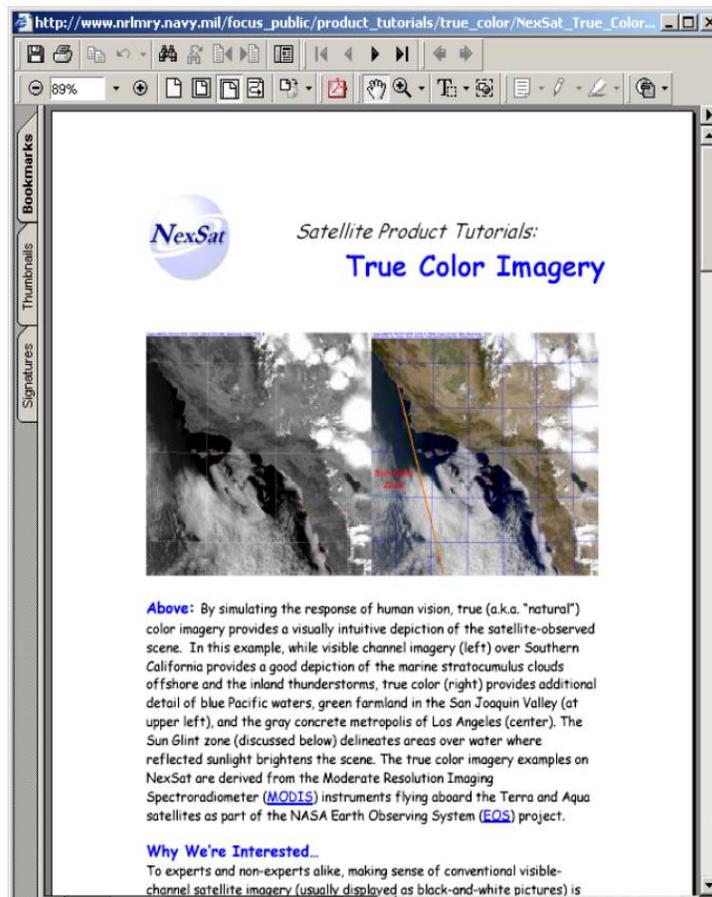
## Satellite Product Tutorials:

# NexSat Browsing Basics

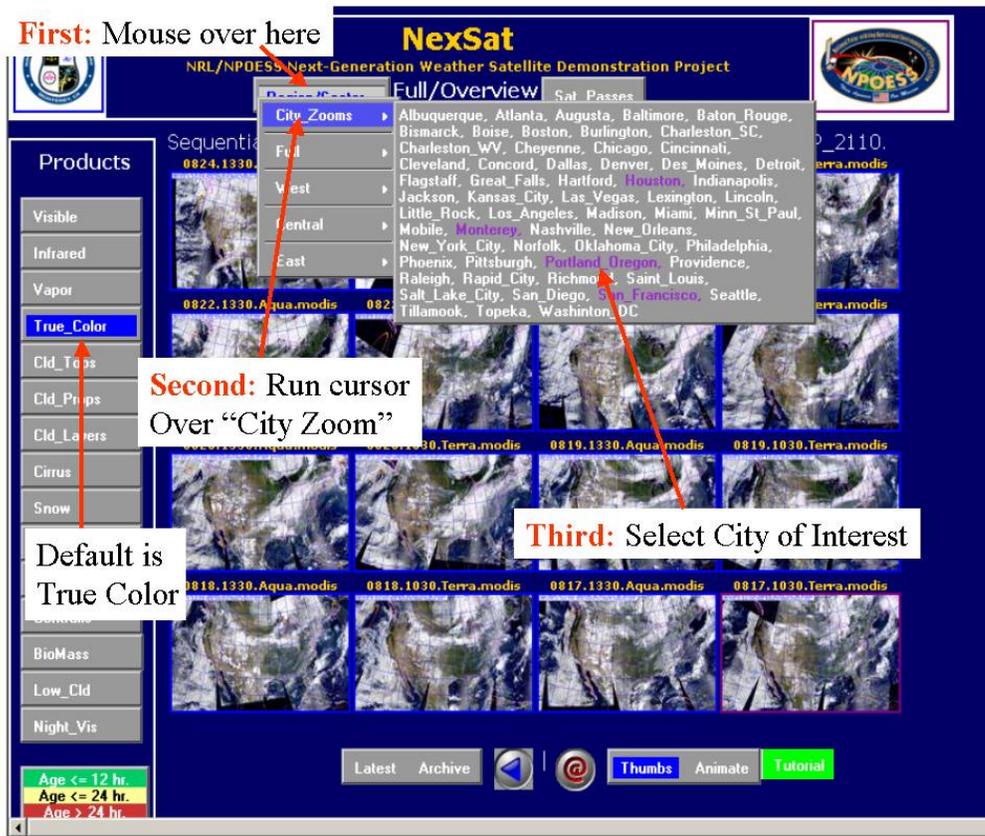


**Above:** It's easy to navigate through the NexSat browser to get the near-realtime satellite products of your choice. The different products are viewable with buttons on the left. At the top there are two buttons, one to select a region (or subregion) of interest, and another to preview the coverage of upcoming satellite orbits. At the bottom are buttons that help you see more than one image. The Archive buttons allows you to view past images, often weeks and sometimes even months before the present. The Thumbs button allows you to view images as a collection of images, side by side. The Animate button allows you to make a loop of images; it's especially useful to animate the lightning images (button on left). Finally, the green

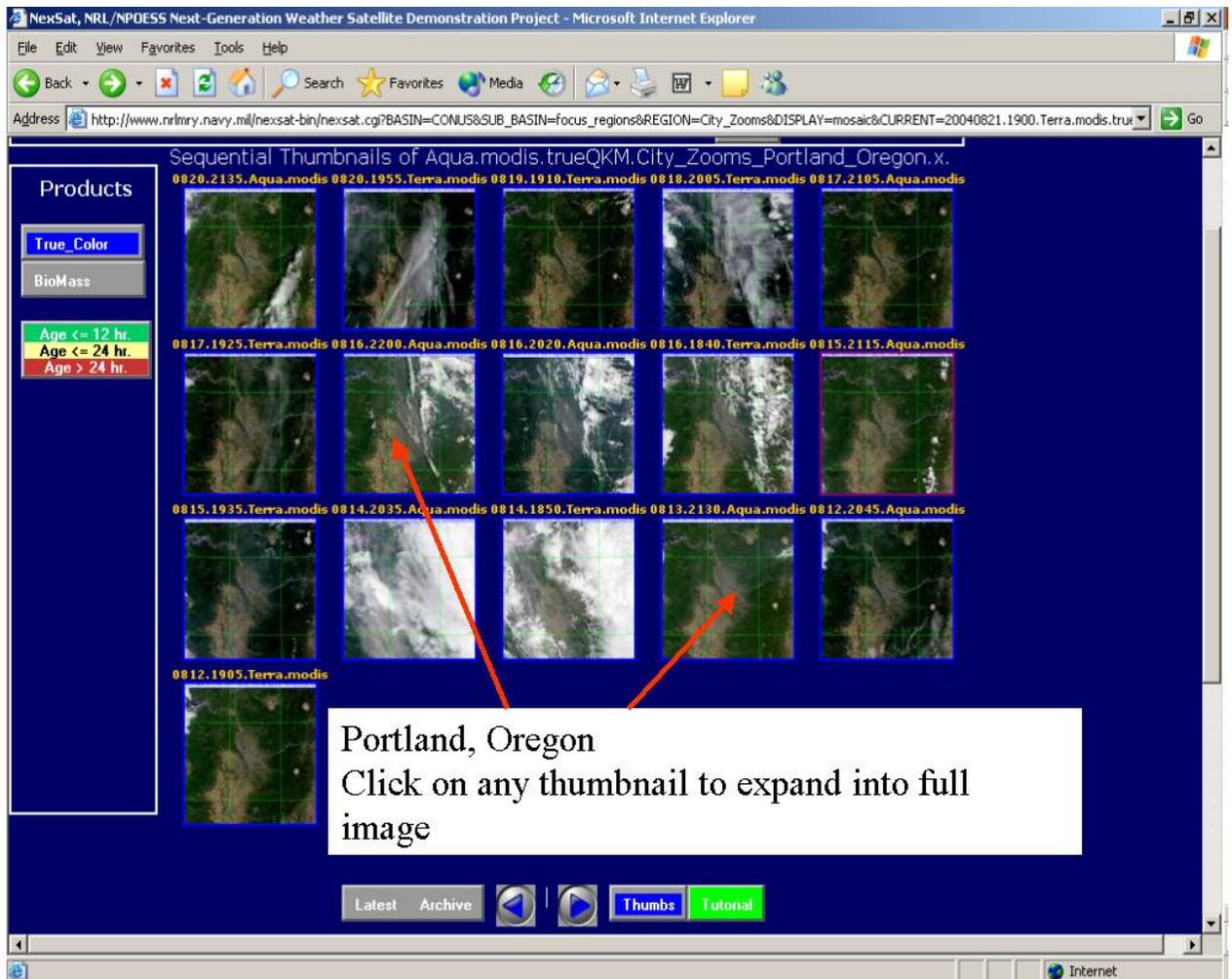
button brings up a tutorial on the particular product selected (see next image down).



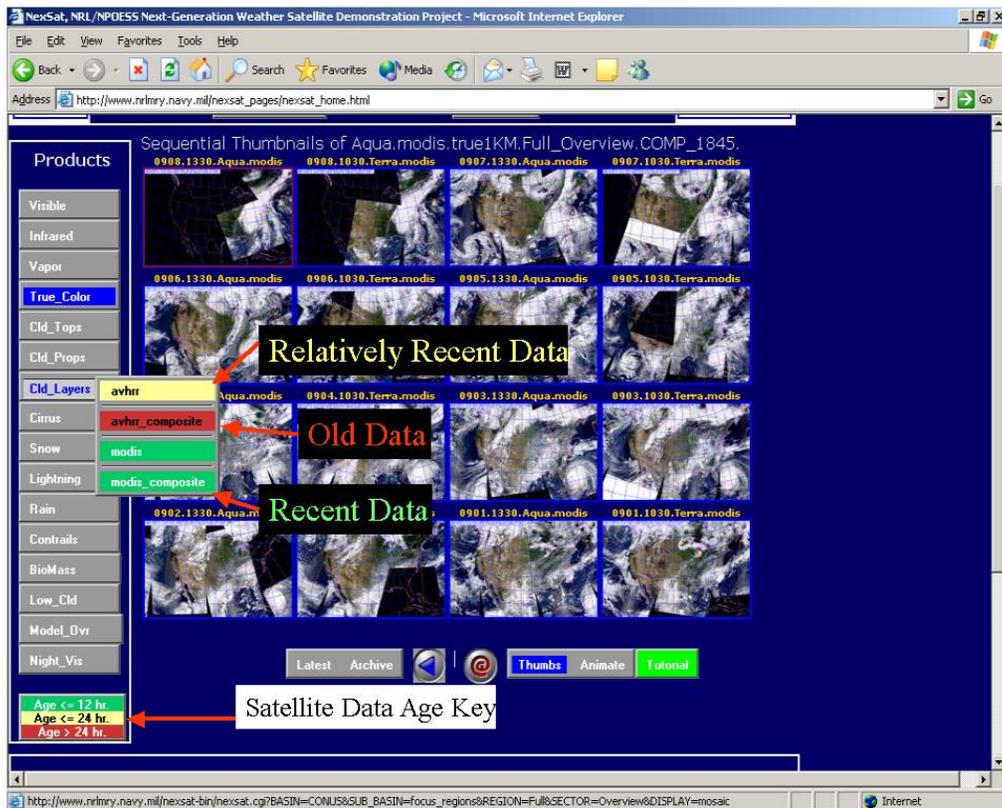
**Above:** If you hit the green tutorial button at the bottom of the page, you get a PDF file, which explains a little about the product you are currently viewing. It gives annotated examples, interpretation guidelines, and anticipates improvements in the NPOESS era. You can download the PDF and store it on your own computer for future use.



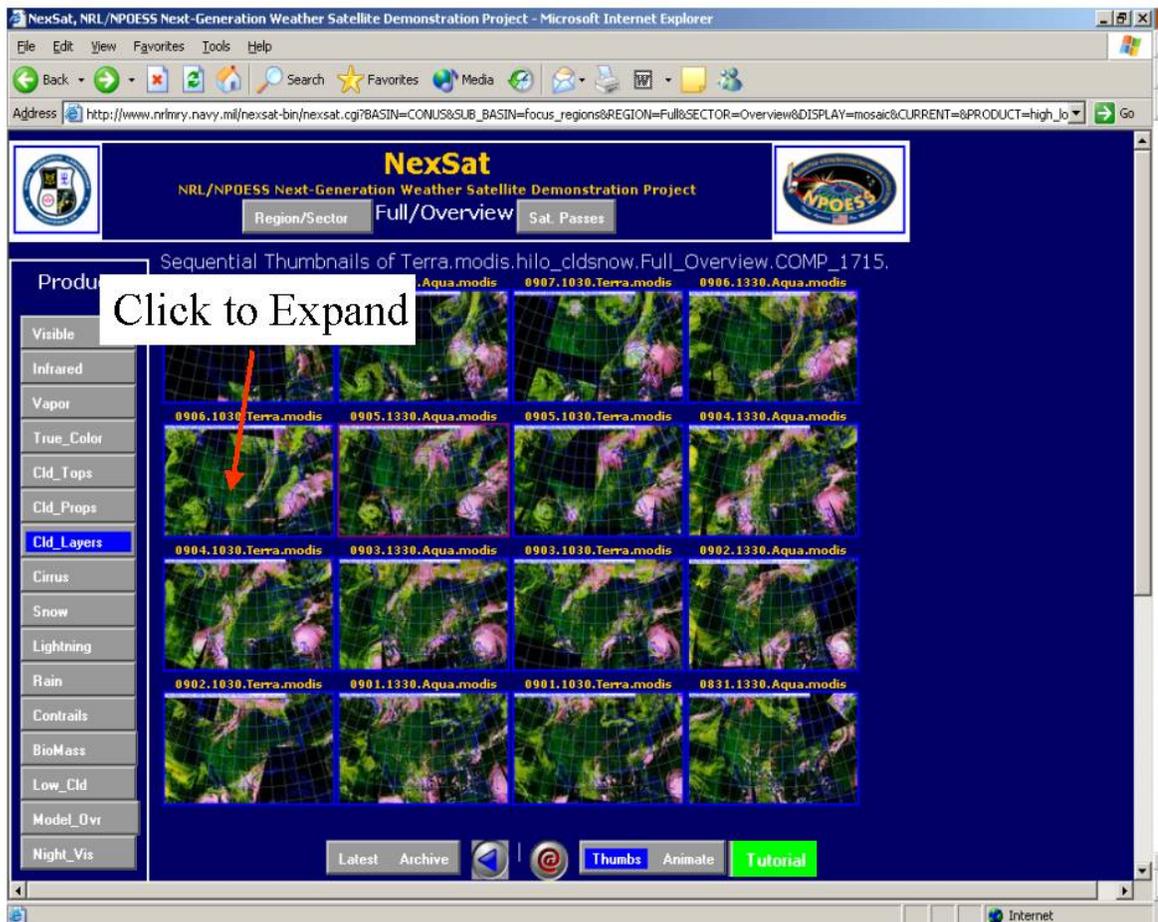
**Above:** One of most popular features on NexSat are "City Zooms", close-ups of cities over the United States. They are MODIS true color images which comprises the default choice on the product menu on the left. So if you're just entering the page, you don't have to click the true color button (blue) to activate this option. To choose a city, first mouse over the Region/Sector button. Then, move your cursor over the City Zoom button which pops up on a menu. Finally, on the list of cities that appears, choose the city of your choice. On the menu above our choice is Portland Oregon.



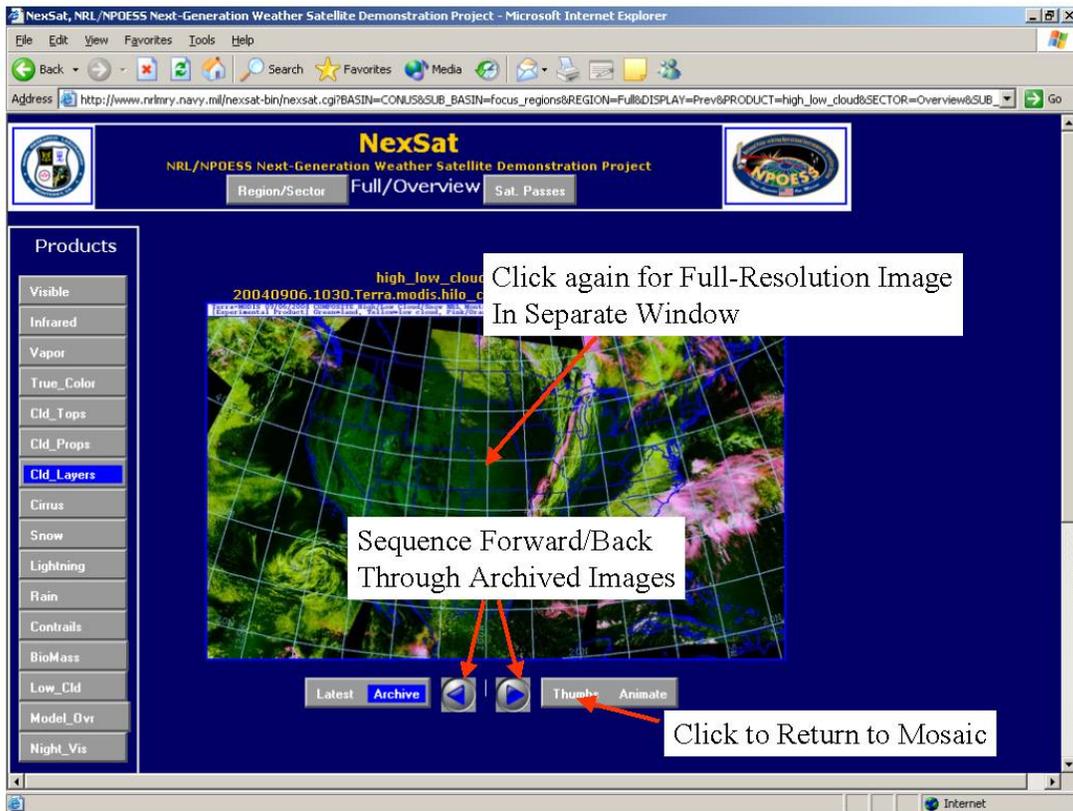
**Above:** When you click the city zoom button (previous graphic) a number of thumbnail images appear. These are recent images arranged in chronological order. Click one for an expanded view.



**Above:** Let's say you want to choose another product besides True Color which is the default. In the example, if you mouse over the Cld\_Layers button, a menu appears which shows the different satellites that were used to make the product. The top two buttons are "avhrr" and "avhrr composite", two products from the NOAA AVHRR. The bottom two buttons, "modis" and "modis\_composites" apply to products from MODIS. Notice that the buttons are color-coded by timeliness (see key at bottom). Green means recent data (fewer than 12 hours old); yellow means intermediate age (between 12 and 24 hours old); and red means older than 24 hours.



**Above:** In our previous choice of cloud layers, let's now look at the result of our selection. The subimages which appear are called "thumbnails". Each can be expanded into a larger image.



**Above:** When we expand the previous thumbnail, we get the larger image here. Click on the image again for an even more expanded view in a separate window, or click Thumbs to return to the mosaic style display of the previous graphic. Or use the arrows to toggle forward and backward through recent examples of the products.

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