

Comparing Image Compressions Worksheet

In either Photoshop or Fireworks (File -> Open) open the following file: Yellowstone.jpg

In the section below you will be copying and pasting the Yellowstone.jpg with different rates of compression as well as answering questions pertaining to these images.

Insert the Yellowstone.jpg below without any compression (Insert -> Picture).

Insert here:

What is the exact file size of this picture (example: 112k)? _____

Insert the Yellowstone.jpg below with 75% quality or 25% compression.

- **If using Photoshop go to File -> Save As**
- Save the image as "Yellowstone75%"
- Change the format to JPEG and press Save
- The JPEG options menu will pop up
- Change the Quality to the 75% mark (or 9 of 12 on scale) & press ok
- **If using Fireworks go to File -> Export Wizard**
- Click Continue then select "The web option" and press Continue
- Press Exit then the Image Preview Menu should pop up
- Make sure format says "JPEG" then adjust the quality accordingly
- Click Export then save the name as "Yellowstone75%"

Insert here:

What is the exact file size for this picture (example: 112k)? _____

What differences do you notice in this picture now that it has been reduced?

Insert the Yellowstone.jpg below with 50% quality and save as "Yellowstone50%".

Insert here:

What is the exact file size for this picture (example: 112k)? _____

What differences do you notice in this picture now that it has been reduced?

Insert the Yellowstone.jpg below with 25% quality and save as "Yellowstone25%"

Insert here:

What is the exact file size for this picture (example: 112k)? _____

What differences do you notice in this picture now it that has been reduced?

Based on what you have learned thus far, insert a copy of Yellowstone.jpg that you think is the smallest file size but contains the least amount of difference discernable by the human eye from the original Yellowstone picture.

Insert here:

What is the exact file size of the picture (example: 112k)? _____

What percentage quality did you pick? _____