Select Create New Fill or Adjustment Layer > Levels
Make any adjustments.

Move the "Input Levels" tabs left or right.

Click on "OK"
Change the "Mask" color to black.

Select the mask. Click on mask > invert
Select the "Brush Tool"

Click and hold down on the icon and then select "Brush Tool"

Change the "Opacity"

Changing the "Opacity" will make the brush strokes more or less transparent.

Change the "Flow"

The lower the percentage of "Flow," the less amount of ink will be applied.
Change the foreground color to white.

Do this by pressing "Shift + d" and then "Shift + x"
Select the "Mask"
Paint the areas that you want brighter.

- If you are painting with a white foreground it will brighten the image.
- If you are painting with a black foreground it will bring the original color back.