
Subject: Re: ENVI: how to avoid stretching in image displays?
Posted by [adam_e_oconnor](#) on Mon, 16 Aug 2004 15:49:38 GMT
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ENVI's default stretch is 2% Linear, which explains the observed behavior. You can view this setting by selecting "File > Preferences" from the main ENVI menu and selecting the "Display Defaults" tab. If you want to permanently turn off ENVI's automatic stretching you actually should select "Linear Range" and enter "0" in the minimum box on the left and "255" in the maximum box on the right. That way byte values ranging from 0 --> 104 are actually displayed as 0 --> 104. Simply changing the "% Linear" setting to "0.0" will eliminate the 2% saturation, but there is still a linear stretch applied such that 0 --> 104 will be displayed as 0 --> 255, which is not what you want in this case. You can confirm that your data values are being accurately displayed by using the "Tools > Cursor Location/Value..." utility from the menu system within any display window. The "Scrn: R: G: B:" values should match the "Data:" value. Keep in mind that after you make changes to the Preferences you must re-display any images that are already open in order for the changes to take effect.
