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Here are the steps to obtaining Standard Deviation on the TI - 83 plus:

1. Press the Stat button.
2. Press enter to select Edit.
3. Three columns will appear on the screen ... enter the first number in the set press enter ... continue for all numbers in set. Be sure to press enter after last number in set.
4. Press Quit (2nd function of Mode button).
5. Press Stat button ... press right arrow key to highlight CALC .. for stats in one variable (which is what we are doing right now) press Enter.
6. Press Enter again if you want the Standard Deviation for L1 ... (in other words you entered your list of numbers into the far left column on the screen with the three columns) if you want the Standard Deviation for a column OTHER than L1, List the column (L2 or L3) and then press enter.
7. The screen will give you in this order the following information:

the mean

the sum of the list

the sum of the differences squared

the standard deviation of a sample

the standard deviation of the population

the number of items in the list

8. To get the variance you must manually enter the value of the standard deviation of the population and then press the x2 button followed by enter. Hope this helps everyone ...

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