

Helpful Hint—How to Use Go To XY

Applies to Version:	ArcGIS 9.2
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Helpful Hint Date:	7-3-2008

Background: The Go to XY is a new Tool in ArcGIS that allows the user to input coordinates and easily navigate to that location.

Procedure:

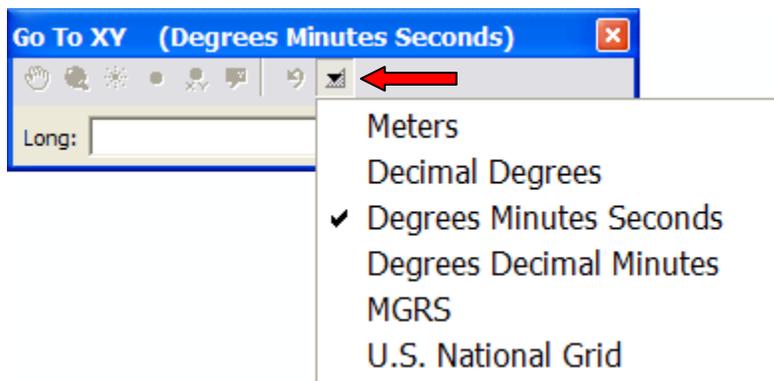
You will need to know the coordinates of the point you wish to locate. These may be waypoints that were collected using GPS.

Set the Units

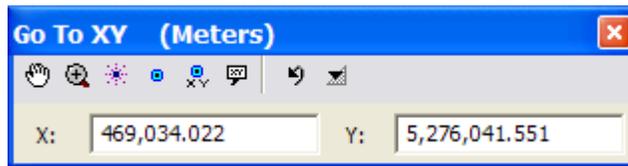
1. Click on the  from the ArcGIS toolbar to start the tool.
2. The units that were used last is displayed at the top of the bar. In this example, it was degrees, minutes, seconds.



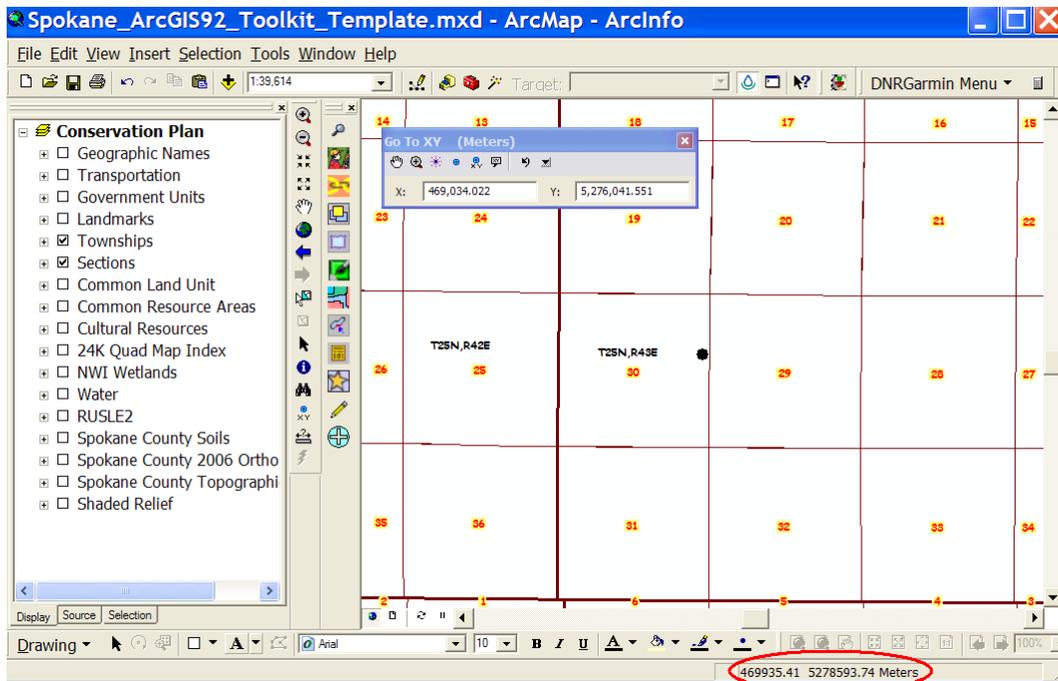
3. Click on the **Units** pull-down arrow to see the options for the coordinates.



- a. Select **Meters** if your coordinates are UTM, e.g. E 469034.022319668 °, N 5276041.55118006 °

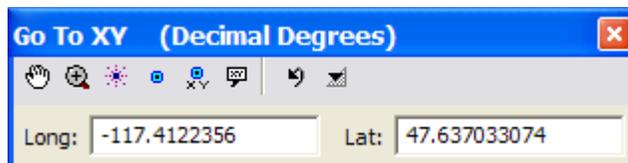


- i. Remember that X is longitude (East/West) and Y is latitude (North/South) in the same order as in the status bar at the bottom right hand corner of your map.



- b. Select **Decimal Degrees** if your data is like W 117.4122356, N 47.63703307.

- i. Be sure to use a minus sign before the longitude, e.g. -117.4122356, to indicate that you are in the western hemisphere.



- c. Select **Degrees, Minutes, Seconds** for 117°24'44.048"W, 47°38'13.319"N

- i. When using this format type in a W after the degrees, minutes, seconds for the longitude.
- ii. Type in an N after the degrees, minutes, seconds for the latitude.



Tools on the *Go to XY* dialogue box are:



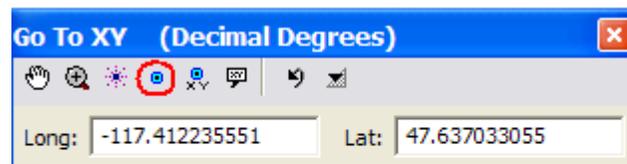
-  Pan to the location
-  Zoom to the location
-  Flash the location
-  Draw a point at the location
-  Draw a point at the location labeled with its coordinates
-  Draw a callout pointing to the location showing its coordinates
-  Return to a location you've already entered in this session
-  Choose the units in which to enter the coordinates

Navigating to an X,Y location:

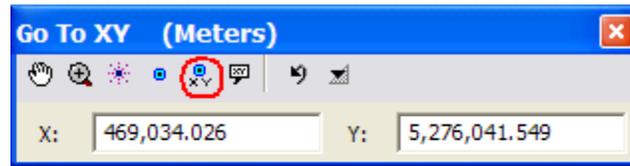
1. Click on the *Go to XY* button.
2. Click the units button  and choose the units for the input coordinates
3. Enter the UTM coordinates or Longitude/Latitude
4. Press Enter
 - a. You may also click on the Pan to  or Zoom To  to navigate to the coordinate
 - b. Click Flash  to flash the location

Marking the Location on the Map

1. Click on the  icon to make a point (graphic) on your map.

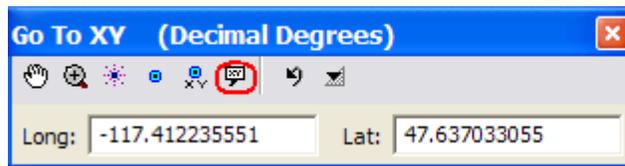


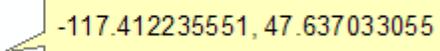
2. Click on the  icon to make a point (graphic) and label it with the coordinates.

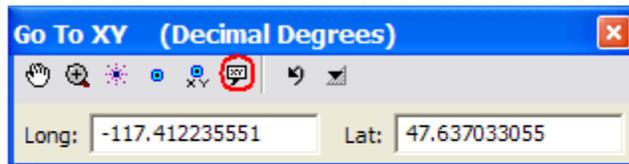


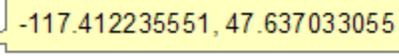

469,034.026, 5,276,041.549

3. Use the  to make a callout label that points to the location, or to label the point created in step 1.



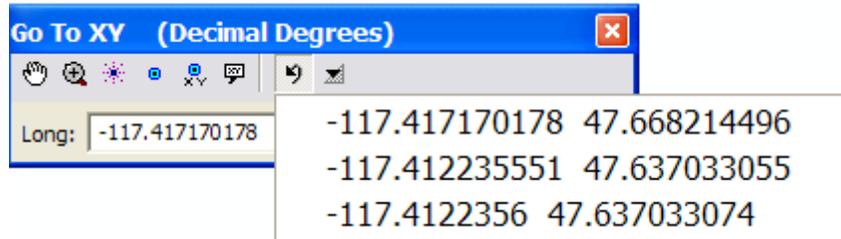
 -117.412235551, 47.637033055



  -117.412235551, 47.637033055

Return to a Previous Location

1. If you have "visited" several locations on your map and want to return, click on the  Return to Location icon. A list of locations will appear. The units will be in the units will appear in whatever units you have selected even if originally the points were entered using different units.



2. Pick one of the locations and click on the  icon or the pan  icon. You will be taken back to that location.