# **Selection in ArcMap**

This section covers:

- o Selectable layers
- Select features button
- Select by location
- Select by attributes
- Selection from attribute table
- Zoom to selection
- o Clear selection
- Create shapefile from selection

## Selectable Layers

1. Click on Selection in the menu bar, select Set Selectable Layers.



2. Select the Layer needed for selection, click Close.

Set Selectable Layers		×
	sir features selected interactively wi y Graphics command, the Edit tool,	
ivities Viti-st layer	Selec	
	Clos	se

1

#### OR

1. Click on Tools in the menu bar, select Options.

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🗋 🖻 层 Save As Layer File, .	🕺 Editor Toolbar
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	<u>R</u> eports
🛛 Editor 👻 📄 🖉 🎽 Absolut	Geoco <u>d</u> ing 🕨 🕨
	<b>☆</b> ↓ <u>A</u> dd XY Data
<ul> <li>         E Layers         aoi-point     </li> </ul>	Ht Add Route Events
-	I+∥ Buffer Wizard
cities	🔄 Geo <u>P</u> rocessing Wizard
🖃 🗹 dtl-st layer	🔊 ArcCatalog
	Macros
	<u>C</u> ustomize
	Extensions
	<u>S</u> tyles •
	Options

2. Select the TOC tab. Turn on the Selection box. Click OK.

Options	? ×
Application Data View Layout View Tables Raster CAD	тос
TOC tab options	
Check or uncheck each tab to control whether it will be visible in ArcMap's TOC. Use the arrow keys to set the order the tabs appear in the TOC.	
<ul> <li>✓ Display</li> <li>✓ Source</li> <li>✓ Selection</li> </ul>	1 I
TOC display options Appearance ✓ Use Windows Desktop Settings	
Font: Tahoma	
Size: 11 🔽 (pts)	
Patch size and shape	
Width: 12 (pts) Line:	
Height: 12 (pts) Area:	
OK Cancel	Apply

2

3. Select Selection at the bottom of the Table of Contents.

X
🗹 aoi-point
⊡dtl-st layer
I I
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Display Source Selection

#### **Select Features Button**

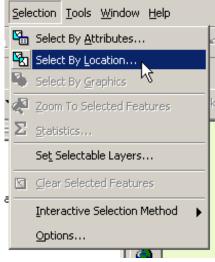
1. Select the Select Features button.



2. In the Data View, select the required polygon.

#### **Select by Location**

1. Click on Selection in the menu bar, select Select By Location.

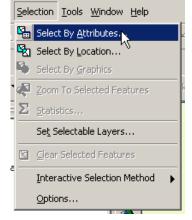


2. Choose the required fields and select apply.

Select By Location	×
Lets you select features from one or more layers based on where they are locate in relation to the features in another layer.	d
I want to:	
select features from	
the following layers:	
spot_tec	1
dtl-st-48	
cities_dtl	
that:	
intersect 💌	]
the features in this layer:	
spot_tec	
Use selected features (0 features selected)	
Apply a buffer to the features in spot_tec	
of: 0.000000 Decimal Degrees 🔽	
Preview — The red features represent the features in spot_tec. The highlighted cyan features are selected because they intersect the red features.	
Points Lines Polygons	
Apply Close	]

#### Select by Attributes

1. Click on Selection in the menu bar, select Select By Attributes.



2. Choose the required fields and select apply.

5elect By A	ttributes	? ×
		Query Wizard
Layer:	spot_tec	-
Method :	Create a new selection	•
Fields: "FID" "K" "J"	=         <>>         Like           >         >=         And           <	
SELECT * I	SQL Info	Complete List
Clear		Apply Close

## **Selection from Attribute Table**

Selection by attributes can be done from the data view or attribute table.

#### Attribute Table

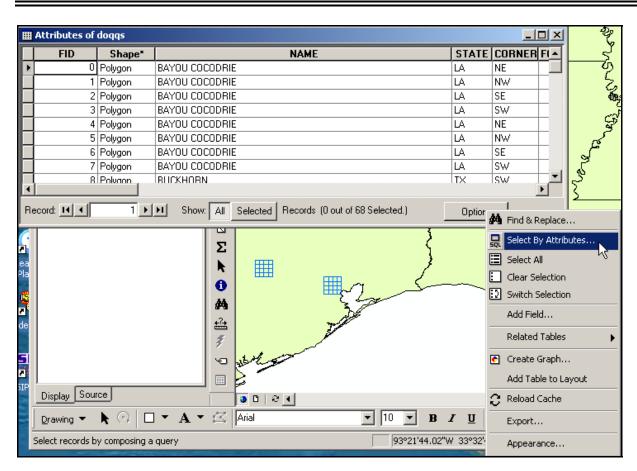
1. Right Click on the Layer that you would like to view the table, select Open Attribute Table.

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	Copy
📃 🗆 doq_aug03	X Remove
□ □ 24k	🔟 Open Attribute <u>T</u> able
	Joins and Relates
🖃 🗹 dtl-st layer	🤆 Zoom To Layer
	Visible Scale Range
	Selection
	Label Features
	Convert Labels to Annotation
	Data 🕨
	Save As La <u>v</u> er File
	Properties

2. Click Options box in the table.



3. Choose Select By Attributes



4. Choose the Method, select the Field by douple clicking from the list provided,

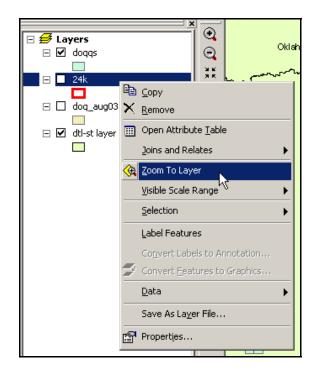
# Manual Selection from Attribute Table

1. Select the record needed by clicking to the left of the record.

	III Attributes of doqqs				
	FID	Shape*	NAME	STATE	CORNER FI
E	0	Polygon	BAYOU COCODRIE	LA	NE
	1	Polygon	BAYOU COCODRIE	LA	NW
	2	Polygon	BAYOU COCODRIE	LA	SE
	3	Polygon	BAYOU COCODRIE	LA	SW
П	15 4	Polygon	BAYOU COCODRIE	LA	NE
	5	Polygon	BAYOU COCODRIE	LA	NW
	6	Polygon	BAYOU COCODRIE	LA	SE
	7	Polygon	BAYOU COCODRIE	LA	SW
	l 8	Polyaon ,	BUCKHOBN	TX	sw 🗾
╚					•
Re	ecord: 🚺 📕	1 🕨	Show: All Selected Records (1 out of 68 Selected.)	Options	•

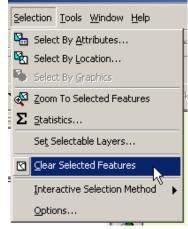
# Zoom to Selection

1. In the TOC, Right Click on the Layer that contains the selection, select Zoom to Layer.



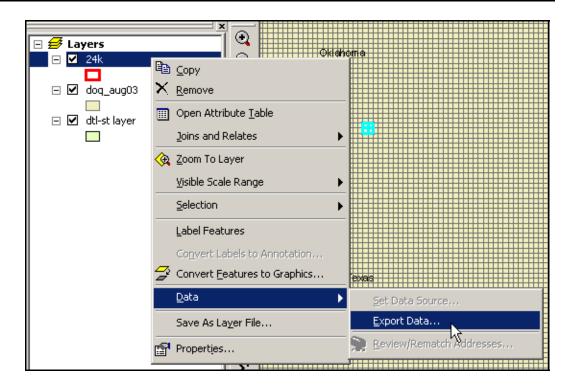
## **Clear Selection**

1. <u>Click on Selection in the menu bar, select Clear Selected Features.</u>



## **Create Shapefile from Selection**

1. Right Click on the Layer that contains the selection, select Data, select Export Data



2. In the Export section, select All Features, Selected Features, or All Features in View Extent. Select Use the same Coordinate System as this layer's source data. And select a location for the new Layer to be saved.

Export Da	ta	<u>?</u> ×
Export:	All features	•
Use the second secon	ne same Coordinate System as this layer's source	data.
O Use th	ne same Coordinate System as the data frame.	
Output sh	apefile or feature class:	
D:\jen-ter	mp\Export_Output.shp	2
	OK Cano	el

3. Click Yes or No.

ArcMap	×
⚠	Do you want to add the exported data to the map as a layer?
	Yes No