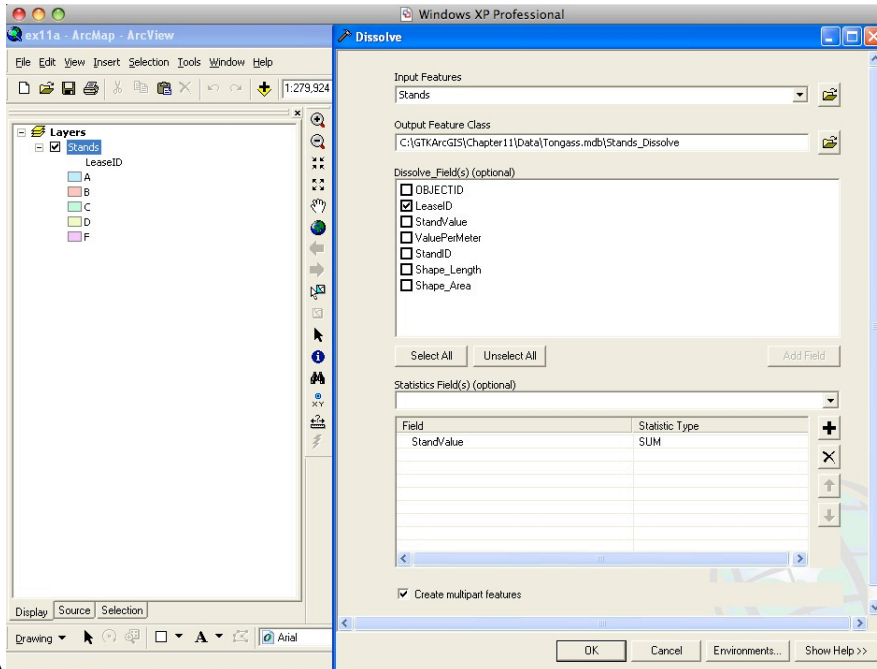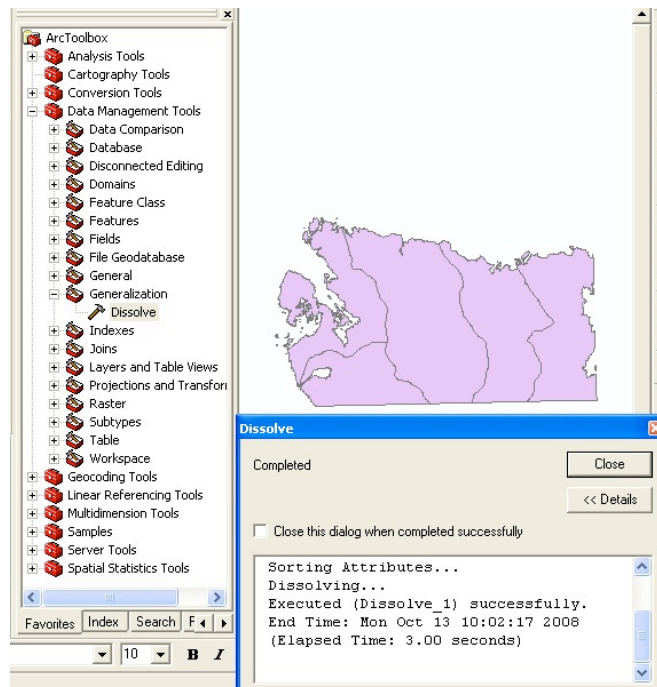Chapter 11Preparing data for Analysis

This is in the Stands layer of the table of contents.

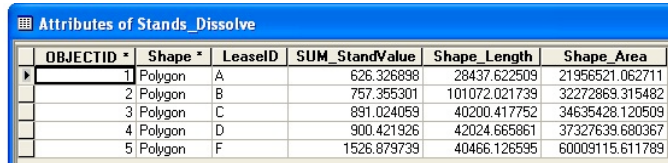Under dissolve fields LeaseID is the only element selected.

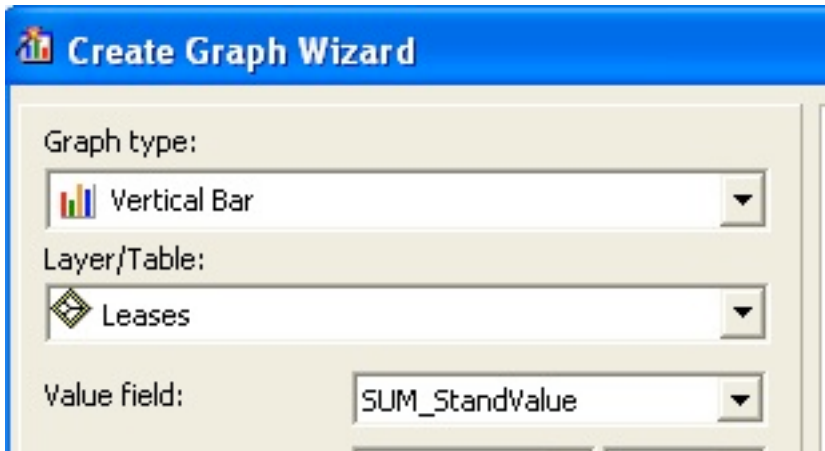Under Field StandardValue is selected. Under Statistic Type SUM is selected.

11A

We want to select the Area F, so in the tool bar highlight the selector tool and click anywhere in the F boundries.

Since we are going to do a dissolve (also known as to mask) we bring up the attributes box. The selection could also be made there just by selecting F.

On the lower right we see the standard attributes box. The selection could also be made there just by selecting F.

ArcToolbox, and under Generalization we choose Disolve. It brings up a little dialogue box and finishes.

Attributes of Stands_Dissolve

OBJECTID *	Shape *	LeaseID	SUM_StandValue	Shape_Length	Shape_Area
1	Polygon	A	626.326898	28437.622509	21956521.062711
2	Polygon	B	757.355301	101072.021739	32272869.315482
3	Polygon	C	891.024059	40200.417752	34635428.120509
4	Polygon	D	900.421926	42024.665861	37327639.680367
5	Polygon	F	1526.879739	40466.126595	60009115.611789

11B

Create Graph Wizard

Graph type:
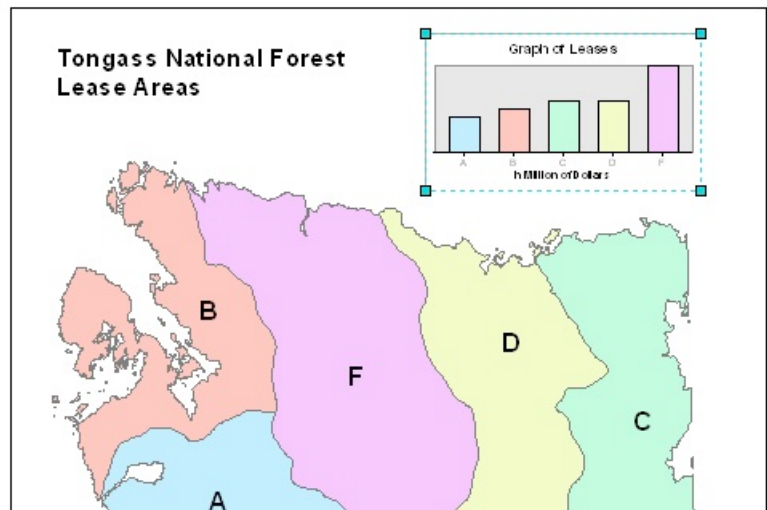Vertical Bar
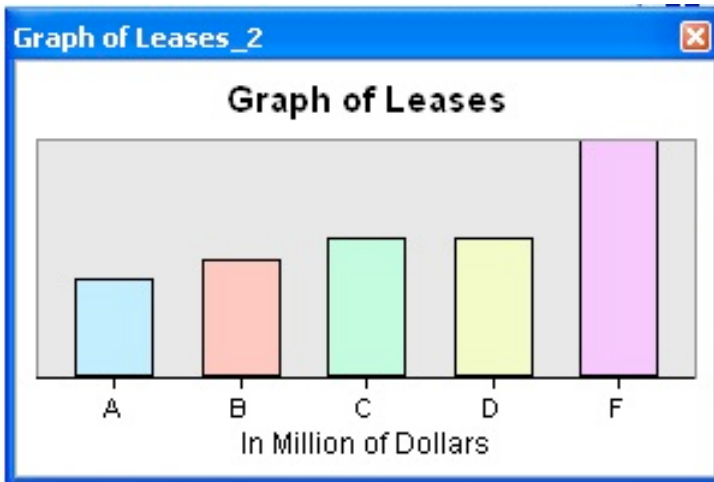
Layer/Table:
Leases

Value field:
SUM_StandValue

Here we are going to create a bar graph. We choose Vertical Bar for the type, the layer we use will be Leases, and the Value field we will use SUM_StandValue. *Note: My screen was different than the books.*
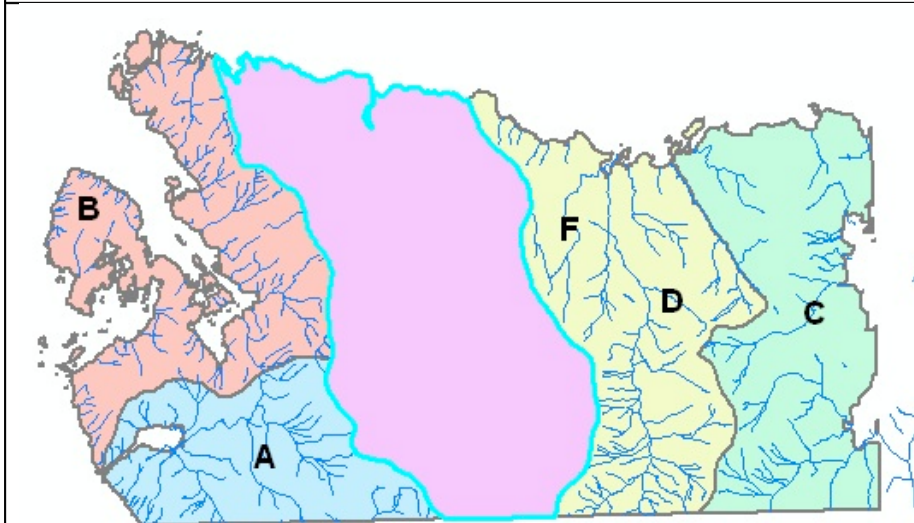
Here we can see the graph that was made and then positioned. This would be something on the line of the final rendering.

While the picture below is a close-up of how the graph looks by itself.
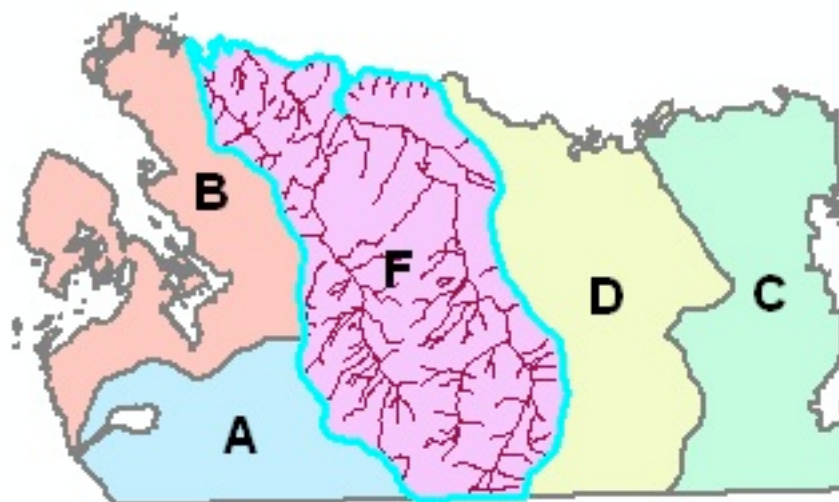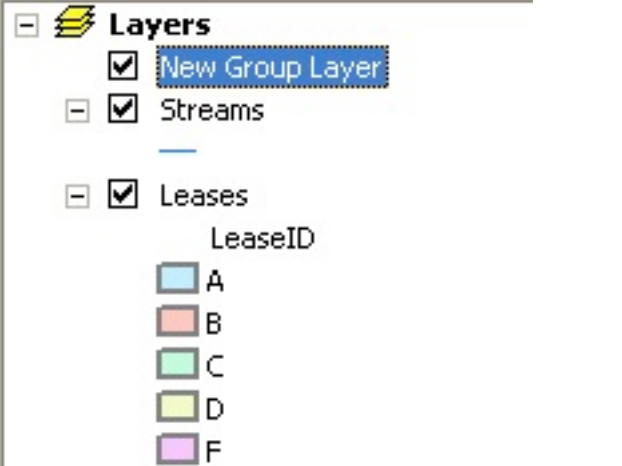
Tongass National Forest Lease Areas

Graph of Leases

In Million of Dollars

Graph of Leases_2

Graph of Leases

A   B   C   D   F

In Million of Dollars

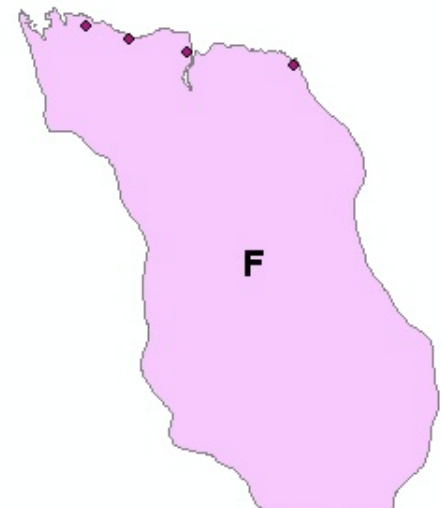| 11C	
	We start by making a selection of the F area, once again it can be done from the toolbar or attributes table.

Almost the finished result you can see how we have clipped the rivers of the other layer so only the F layer rivers show up.	

| | Here is the area where you can turn the layers on and off just by putting a little check mark by it. It also can be labeled. |

11D

| | On the left shows how the GoshawkNests layer has just the nests in the F area selected. |

| Here we have isolated the Goshawk nesting areas from the other areas on the map the only thing left to do is change the symbol. | |

The final product as you can see shows the symbols of the Goshawk.

F