



CRIMEVIEW[®] | *Dashboard*

Refresher Tutorial

End Users

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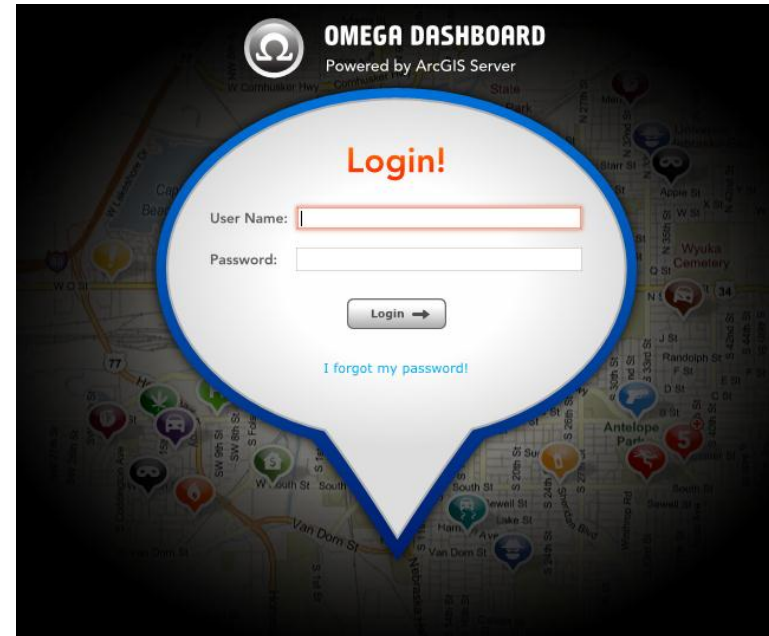
Section 1: Getting Started

Logging In

The CrimeView Dashboard is located at the URL provided to you by The Omega Group. To **login**, click the **Customer Login** bubble. You should now see the Login screen.

Type your **username** and **password** in the corresponding boxes and then click the **Login** button. See Figure 1.1.

Figure 1.1



Forgot Password

If you forget your password you can click on the **I forgot my password!** link to reset it. See Figure 1.2. Type your username in the **Retrieve Password** box and click the **OK** button. See Figure 1.3. You will receive an email with a temporary password that you can use to login to the CrimeView Dashboard. Once you login you will be able to change your password. You will see how to do this on page 6. **Note:** This is not available to you if you use Active Directory to authenticate with the Dashboard.

Figure 1.2

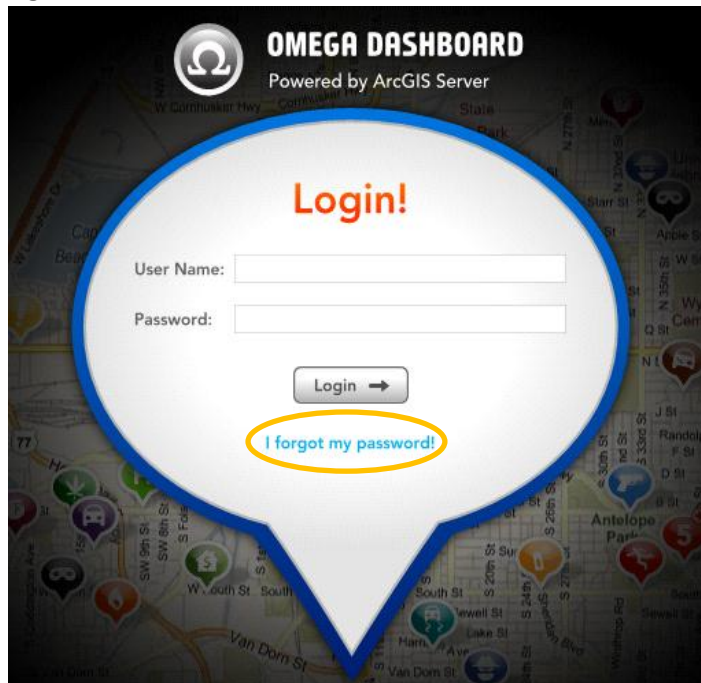


Figure 1.3



The Omega Button Menu

The Omega Button functions as your main menu button. It is located in the top left corner of the Dashboard. See Figure 1.4. What you see when you click on the Omega Button will depend upon your user type in the Dashboard, however all users will see most of the same options. See Figure 1.5.

The **Switch Application** option will switch you between Dashboard Mode and Analysis Mode. You will learn more about each of these modes in Sections 2 and 3.

The **Designer** option will switch you into Designer Mode. You will learn more about Designer Mode in the Administrators and Designers Refresher Tutorial. Only Designers and Administrators will see this option.

The **Save My Layout** option will save the Briefing Book page layout for your user name. The **Save Layout For All Users** option will save the Briefing Book page layout for all users who are able to see that Briefing Book.

The **Reset Layout For All Users** option will restore the Briefing Book for all users to the last layout that was saved by a Designer or Administrator.

The **Change Password** option will let you change your password. If you have received a temporary password this is where you change it to one of your choice. See Figure 1.6. **Note:** If you use Active Directory to authenticate to the Dashboard you will not be able to change your password.

Depending on your Dashboard's configuration, you may have **Site Hyperlinks** available that will display as a pop out menu when you hover over the **Links** option.

Figure 1.4



Figure 1.5

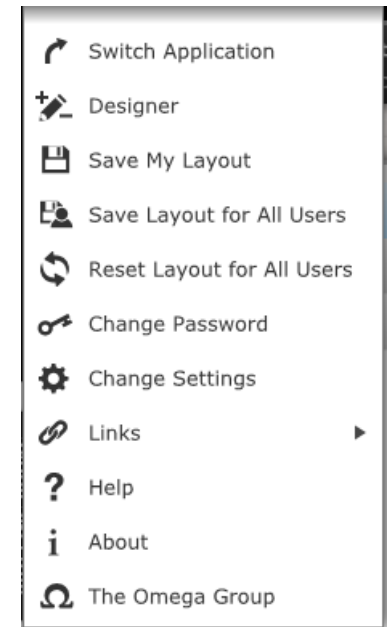


Figure 1.6

The image shows a 'Change Password' dialog box with a blue border. It has three input fields: 'Old Password:', 'New Password:', and 'Confirm Password:'. Below the 'New Password' field is a note: 'Must be at least 6 characters long and contain at least one letter and one number.' At the bottom right are 'OK' and 'Cancel' buttons.

The **Change Settings** option will bring up the **Settings** menu. Under the **General** tab you can change the **Set Startup Application** to either Dashboard or Analysis Mode. See Figure 1.7. Under the **Map** tab you can **Set Default Map Style**. The available Map Styles will depend upon your Dashboard configuration. For example you may be able to change this between Aerial and Road map styles. You can turn the **Display Logo** on and off. You can change the **Set Result Display Method**. See Figure 1.8. Under the **Dashboard** tab you can **Set Default Briefing Book**. See Figure 1.9.

Figure 1.7

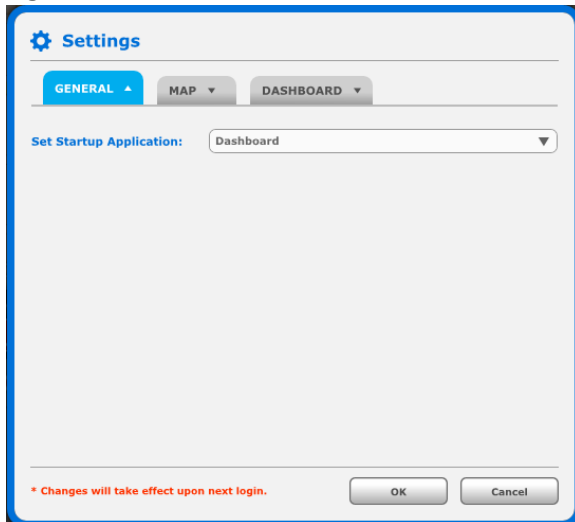


Figure 1.8

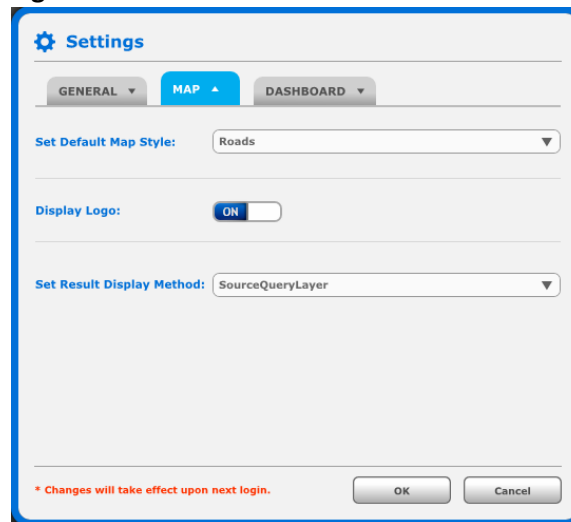
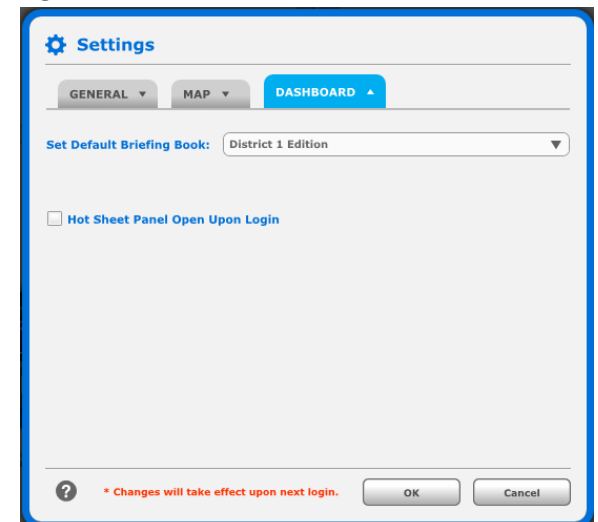


Figure 1.9



The **Help** option will open the CrimeView Dashboard help website. (Note: You will have to allow popups from your Dashboard URL in your browser for this to open.) You can also access the help by clicking on the ? icons you see throughout the Dashboard. These will open the Help to the topic that covers that feature of the Dashboard.

The **The Omega Group** option will take you to the homepage of The Omega Group. (Note: You will have to allow popups from your Dashboard URL in your browser for this to open.)

The **About** option will bring up the About menu. Under the **About** tab you can see the **User Name** you are logged in as and your **User Type** in the Dashboard. See Figure 1.10.

The **Log Messages** tab contains the error log. The error log will display information about any errors that have been encountered in the Dashboard. See Figure 1.11.

The **Session Info.** tab displays your session information. You can see the **Server Timeout** time, the **Last Application Activity**, the **Last Endpoint Activity**, the **Session Time Increase** and the **Last Server Timeout Synchronization**. You can also see a **Command Mode On/Off** button which when turned on will allow you to delay Server Timeout. See Figure 1.12.

Figure 1.10

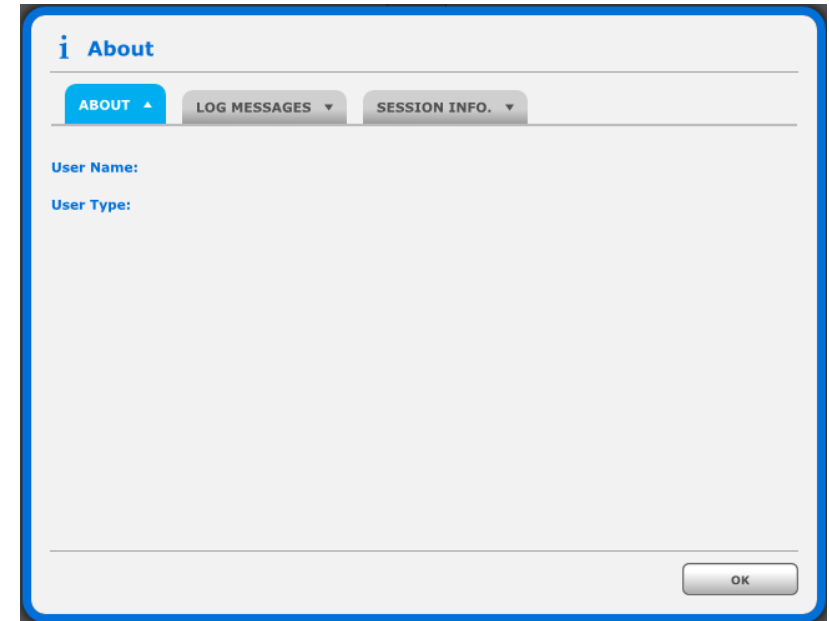


Figure 1.11

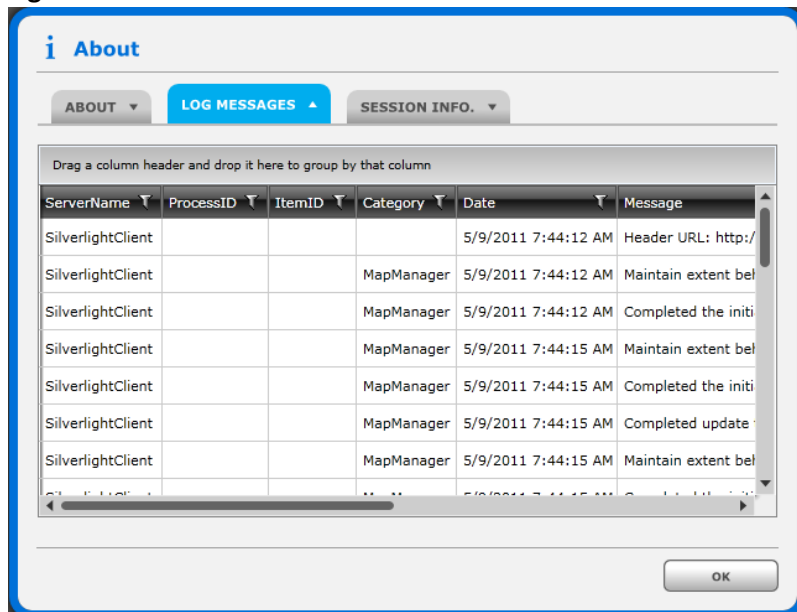
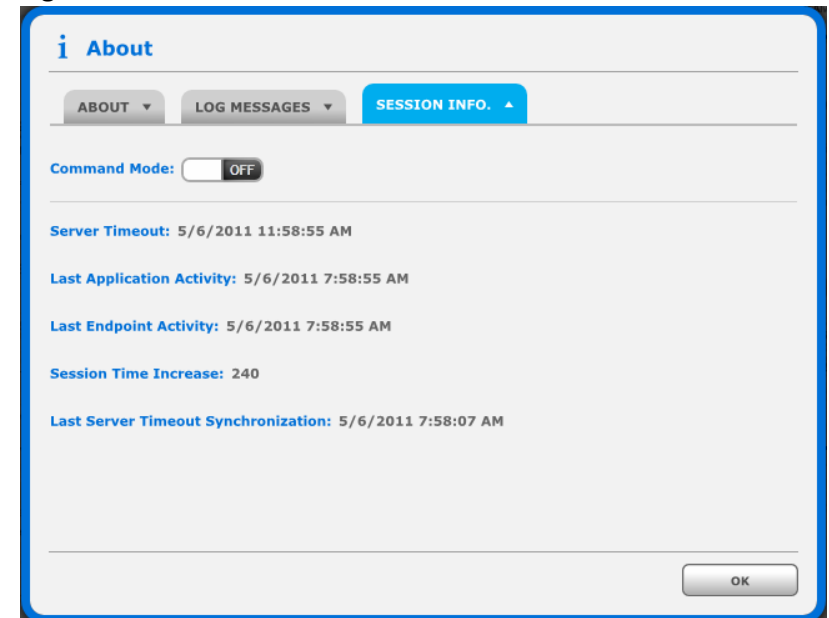


Figure 1.12



Switch Modes

You will be able to switch between Dashboard Mode and Analysis Mode using the button in the top right corner of the Dashboard. If you are in Dashboard Mode, there will be a **blue Analysis Mode** button that will bring you to Analysis Mode. If you are in Analysis Mode, there will be a **grey Dashboard Mode** button that will bring you to Dashboard Mode. See Figure 1.13.

Figure 1.13



Logging Out

To logout click the **Logout** button next to the **Analysis Mode/Dashboard Mode** button. **Note:** If you are a Shared user please make certain you are finished working in the Dashboard before you log out. The changes you have made **will not be saved**. If you are a Designer or Administrator please make sure you have saved your progress before logging out. See Figure 1.14.

Figure 1.14



Section 2: Dashboard Mode

In Figure 2.1 you see the major UI (user interface) features of the CrimeView Dashboard's Dashboard Mode. You can read more about these features in the coming pages. The first feature you see labeled is the **Omega Button** which has already been reviewed on Page 6. Here you can see the location of the Omega Button in relation to the entire CrimeView Dashboard user interface.

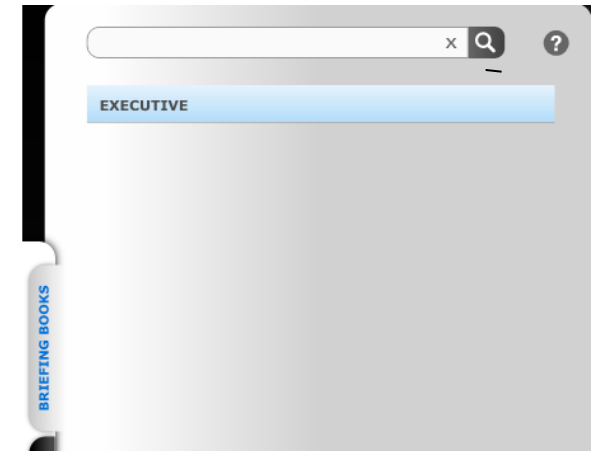
Figure 2.1



Briefing Books Tab

The **Briefing Books** tab is where you can switch between the different Briefing Books available to you. Depending on your role in the Dashboard you may have one or more Briefing Books available to view. See Figure 2.2.

Figure 2.2



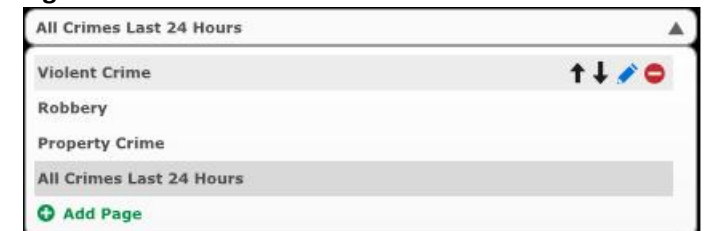
Pages

The drop down menu in the top center of the Dashboard will let you switch between the pages available to you in the Dashboard. See Figure 2.3. You can also create pages; however only Designers and Administrators will be able to save them (depending upon your Dashboard's configuration Standard users may also be available). To switch pages, click on the drop down menu and then click on the page you wish to view. To add a page click on the green **Add Page** option on the bottom. You can name your page in the box that pops up. Once you enter the name, Click **Ok**. You can then access the page you created via the drop down menu. You can then add widgets to the page. You can reorder the pages within a briefing book by using the **Up and Down arrows**. You can also edit the name of a page or delete a page. To do this hover over the desired page and click the blue **pencil** to edit the name of a page or the red **delete** icon to delete the page. See Figure 2.4. The Administrators and Designers Refresher Tutorial will explain in greater detail how Designers and Administrators can manage Pages.

Figure 2.3



Figure 2.4



Library Tab

The **Library** tab shows you all the widgets that are available for the Briefing Book you are currently viewing. See Figure 2.5.

You can use the search bar at the top to filter the widgets by keyword. For example, type in “Robbery” to view all widgets containing “Robbery” in their title.

You can turn the Sort Alphabetically option on and off to sort the widgets in alphabetical order.

To add a widget to the current page, click the **power button** on the left of the widget name. Widgets that are currently being displayed will be at the top and have a green glow to their “power button”.

The blue “A” icon on the right side of the widget will let you view that widget’s results in Analysis mode.

The grey “i” icon on the right will let you view that widget’s What, Where, When parameters. See Figure 2.6.

Figure 2.6

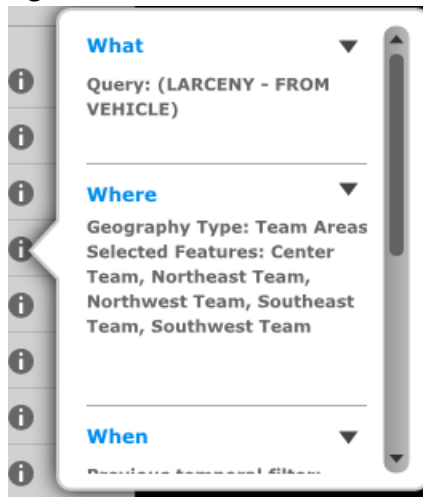


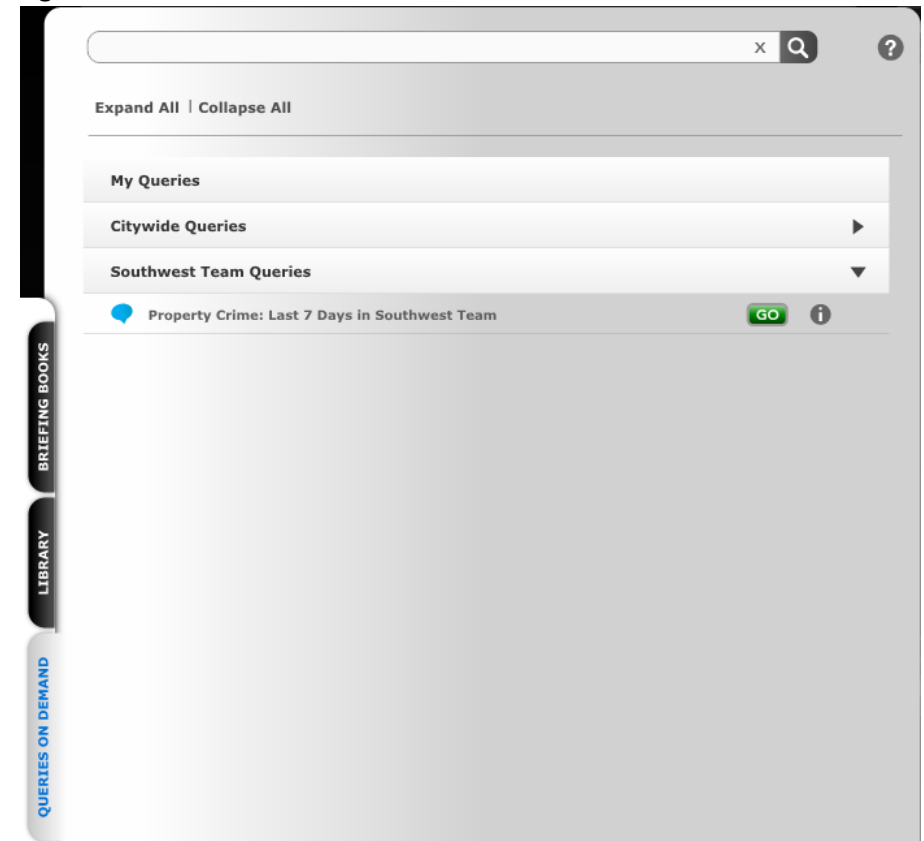
Figure 2.5



Queries on Demand Tab

The **Queries on Demand** tab will let you view all the available Queries on Demand. See Figure 2.7. You can use the search bar at the top to sort the queries by keyword. The **Expand All** and **Collapse All** options will expand or collapse all of the queries. You can expand and collapse individual queries by clicking on the **arrow** on the right side of the query line. The **Go** button on the right side of the query name will run that query. The grey “i” icon will show you the What, Where, When parameters for that query.

Figure 2.7

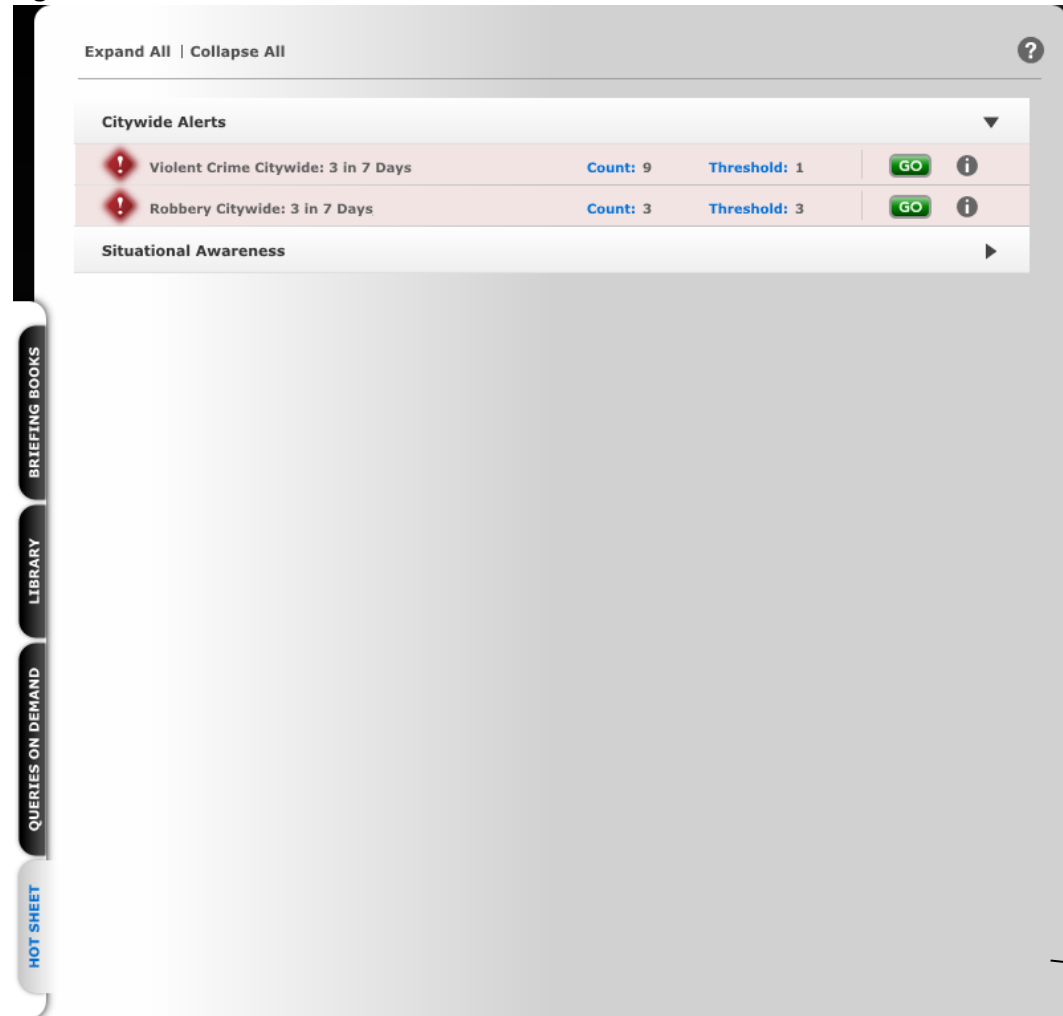


Hot Sheets Tab

The Hot Sheet tab gives you quick access to pre-configured queries, i.e. Alerts, which you may wish to view when they reach certain thresholds. See Figure 2.8. The **Expand All** and **Collapse All** buttons will expand or collapse all of the hot sheets. You can expand and collapse individual hot sheets by clicking on the **arrow** on the right side of the hot sheet. The **Go** button on the right side of the query name will run that hot sheet. The grey “i” icon will show you the What, Where, When parameters for that hot sheet.

This tab can be configured to be open by default when a user logs in. Additionally, all Alert Groups will be expanded so the user can see any Alerts that have reached their threshold or are closing in on their threshold. This setting is set by your Administrator or Designer.

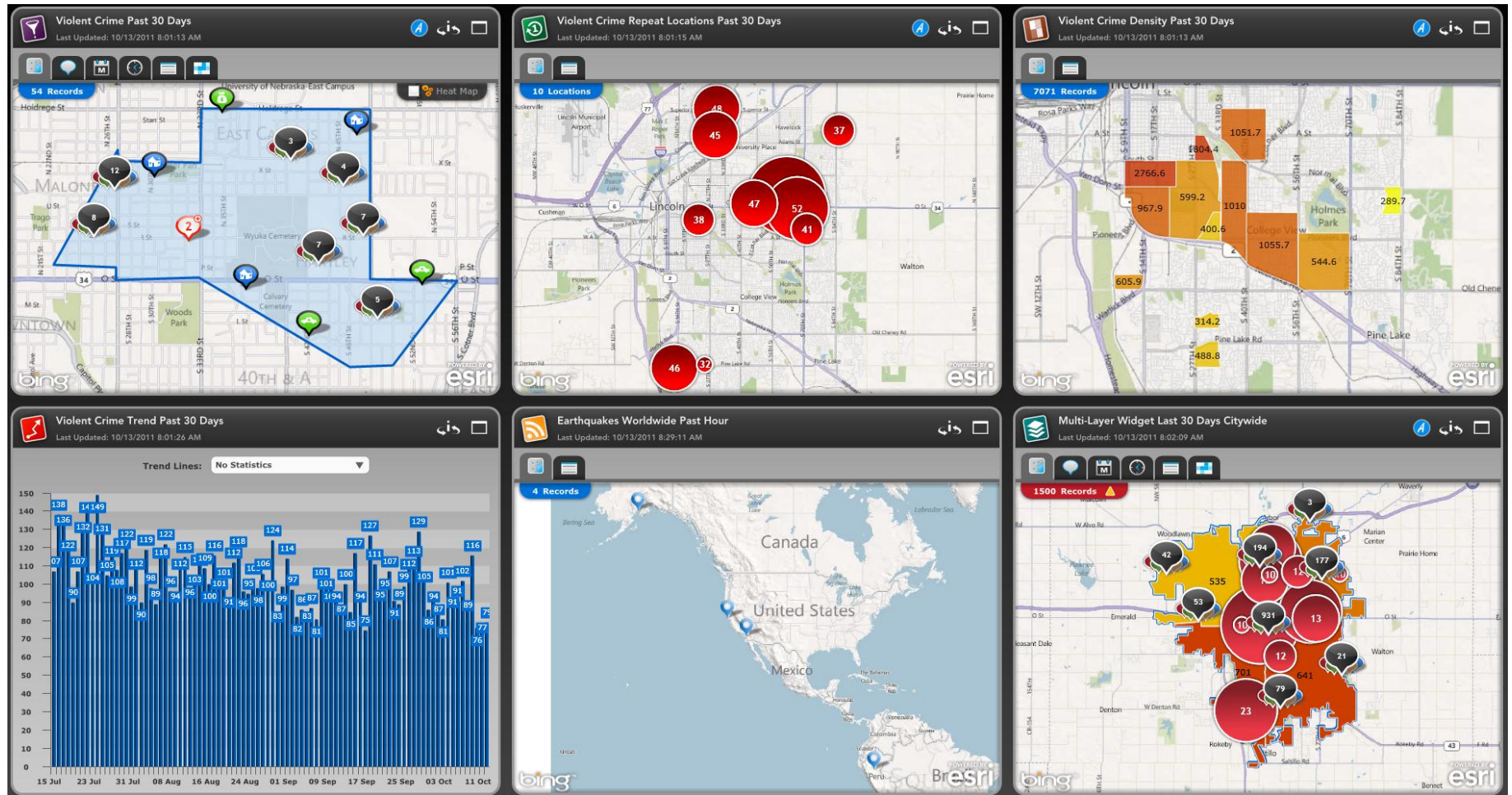
Figure 2.8



Widgets

Dashboard Mode in the CrimeView Dashboard displays data through the use of widgets. There are six types of widgets in the CrimeView Dashboard. The six types of widgets are: Filter Widget, Repeat Locations Widget, Density Widget, Trend Widget, GeoRSS Widget and Multi-Layer Widget. Figure 2.9 below show the Minimized States of each Widget in the CrimeView Dashboard's Dashboard Mode.

Figure 2.9



Filter Widget

The first type of widget in the CrimeView Dashboard is the **Filter Widget**. See Figure 2.10. You can find step by step information on how to create a Filter Widget in the Administrators and Designers Refresher Tutorial.

The top left area of the widget contains the name of the widget, the type of the widget, and the date of last update for the widget.

In the top right corner of the widget you see three icons. The first icon is the blue **“A” icon** which will allow you to view the widget results in Analysis Mode. (We will explore Analysis Mode in greater detail in Section 3.) The next icon, **the “i” with two arrows around it**, will flip the widget. On the flip side of the widget you can see the widget description, the widget parameters (What, Where, When), metadata, and widget information (such as when the results were created and the number of records returned). You can expand each of these areas by clicking the **arrow** on the right side of their line. To flip the widget back to the front, click the **“i”** again. See Figure 2.11.

The final icon, shaped like a **window**, will expand the widget to a full screen view. This icon will also Minimize the widget when you are done viewing its Maximized version.

The main focus of the widget is the **Map**. This is where your resulting pin map is displayed. The number of records

Figure 2.10

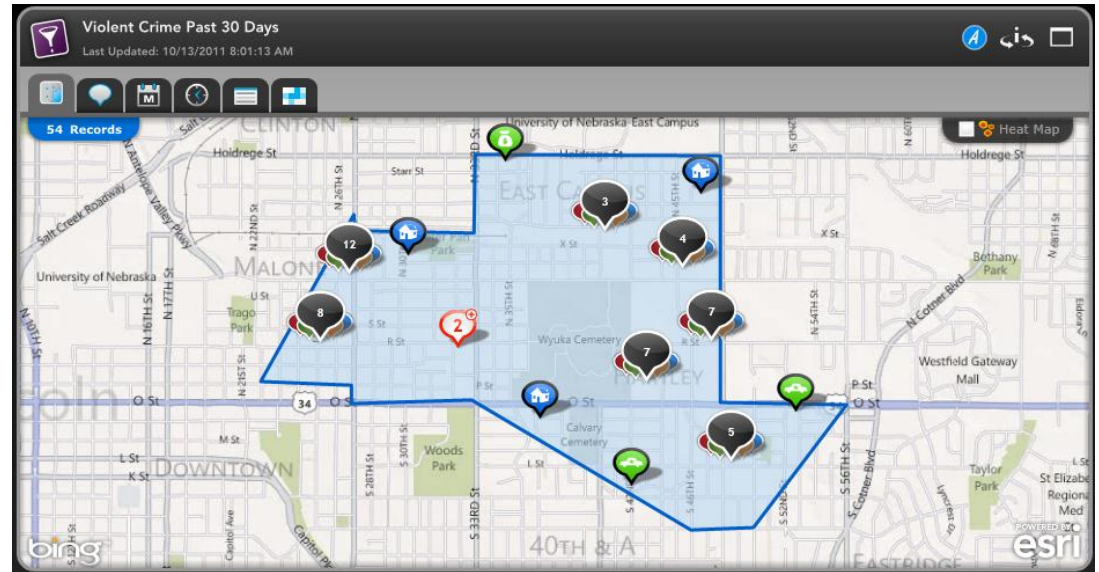
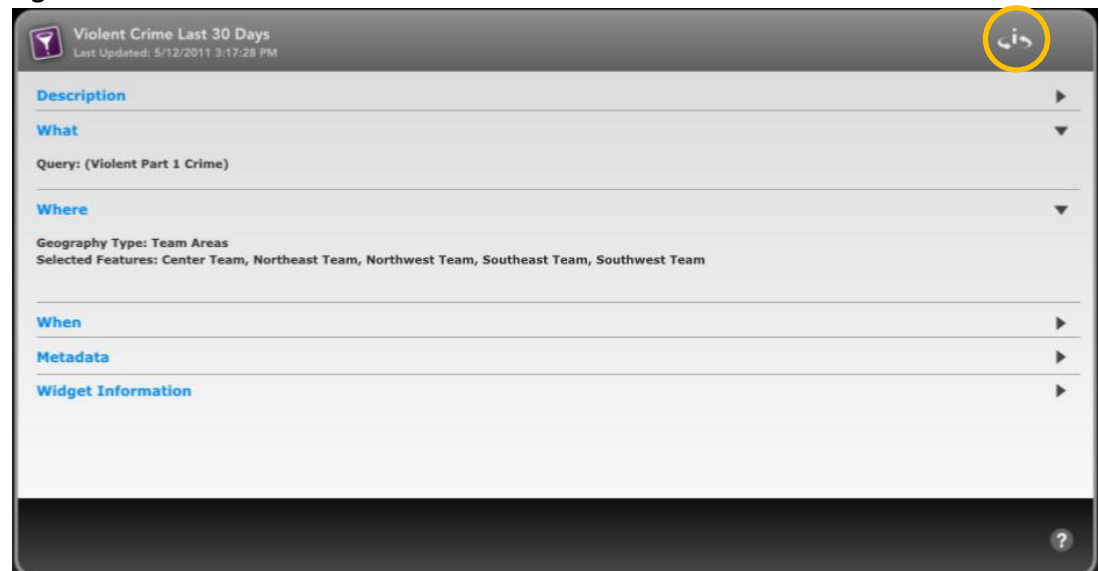


Figure 2.11



the map is displaying can be found in the top left corner of the map. When you are zoomed out the map points may be shown as clusters. Zooming in will show the individual points.

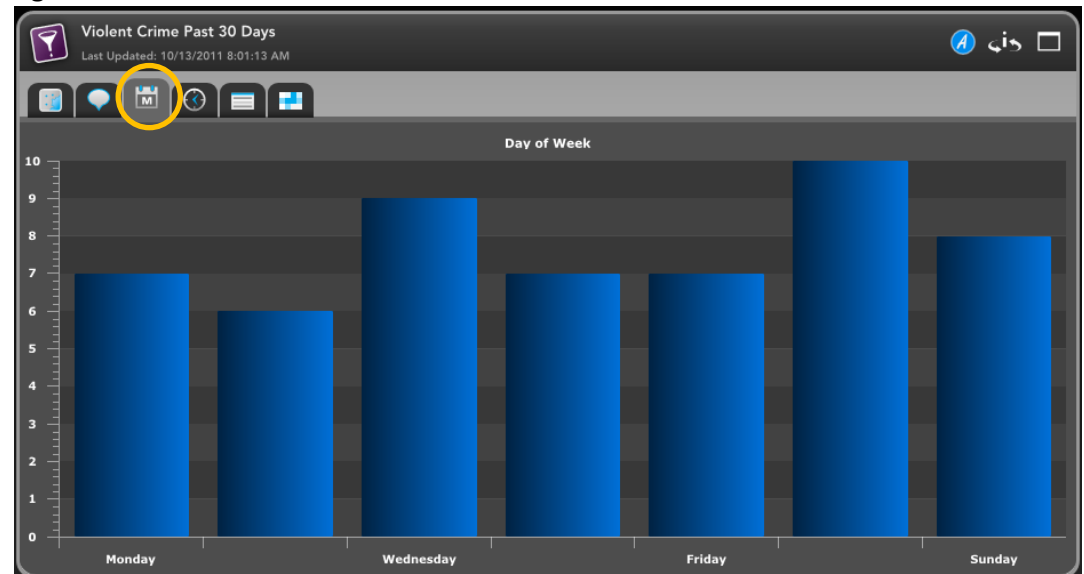
Below the widget name you can see the different chart and report options to view. The first icon represents the **map**. Next is the **Incidents Chart**. Click this icon. You now see a horizontal bar chart showing the count of each type of incident. See Figure 2.12. This chart is interactive. Clicking on a bar will display only those results on the map. It will also further filter each of the other graphs and report. When you click on a bar, a **Reset** button will appear. Pressing the reset button will reset everything back to the query's result selection.

Figure 2.12



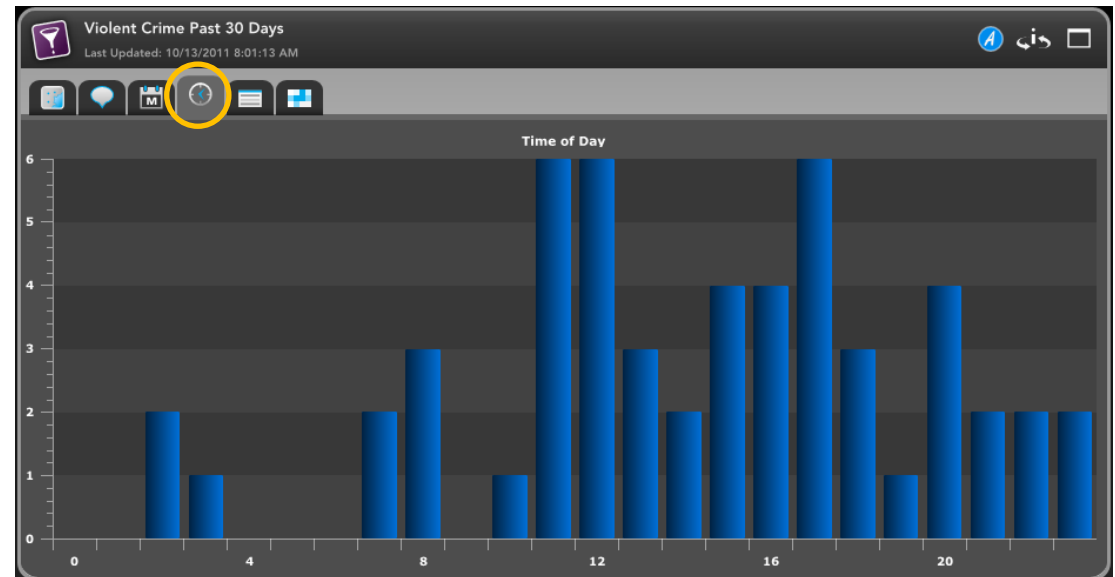
The next icon represents a **Day of Week chart**. Click this icon. You now see a chart showing the number of incidents that occurred for each day of the week. See Figure 2.13. This chart is interactive. Clicking on a bar will display only those results on the map. When you click on a bar(s) a **Reset** button will appear. Pressing the reset button will reset everything back to the query's result selection.

Figure 2.13



Next is the **Time of Day chart**. Click this icon. You now see a chart showing the number of incidents that occurred during each hour of a day. See Figure 2.14. This chart is interactive. Clicking on a bar will display only those results on the map. When you click on a bar(s) a **Reset** button will appear. Pressing the reset button will reset everything back to the query's result selection.

Figure 2.14



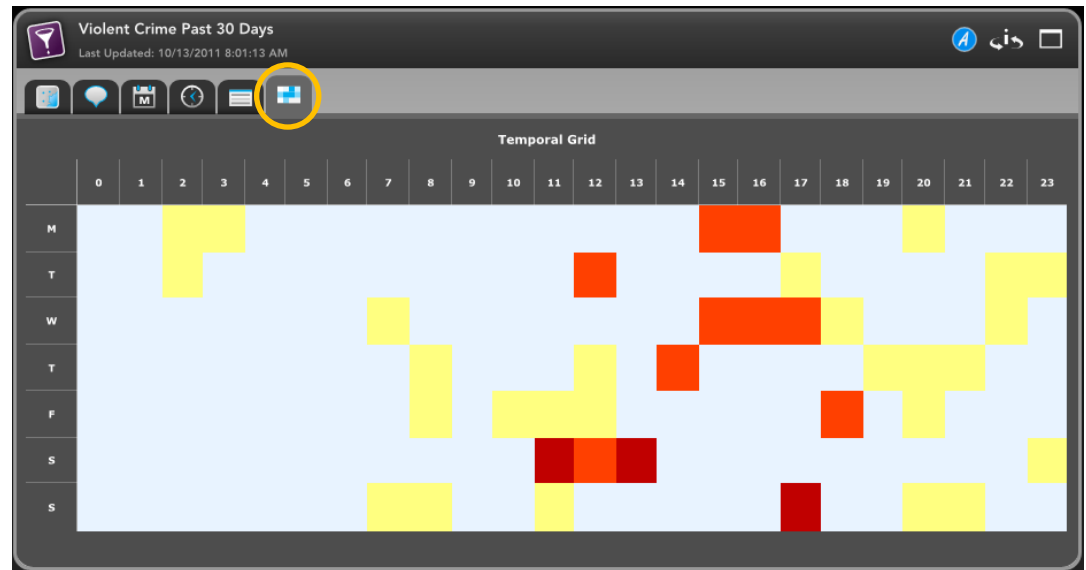
Next is the **Table of Results report**. Click this icon. You now see all the incidents being displayed by the widget in a table report form. See Figure 2.15.

Figure 2.15

Case Number	Address	Comments
A9-092647	405 N 25TH ST	UNK PR BROKE LOCK & TOOK V'S BIKE/BIKE LOCKED UP TO STEPS BIKE
A9-092845	2511 R ST	DOOR KICKED IN/UNK TIME/ITEMS TAKEN 2 GOLD WEDDING RING SETS W/DIAMONDS
A9-093208	4600 VINE ST	OBS TAKING VARIOUS ITEMS ON VIDEO TAPE MISC CLOTHING
A9-093342	233 N 48TH ST	PR LEAVING STORE W/STOLEN ITEMS IN PURSE BIC LIGHTERS (2PKG), BAG OF CANDY
A9-091661	539 S 52ND ST	BACK DOOR PRIED ON W/UNK TOOL CAUSING DMG/NO ENTRY NO LOSS
A9-093828	411 S 45TH ST	LFT LOCKED TO CHAIN LINK FENCE OUTSIDE OF HIS RESIDENCE BLU SCHWINN TRAVELER MANS 10 SPD ROADBIKE W/ACCESS
A9-091460	3000 T ST	BRK OUT FRNT DR SIDE WINDOW TO EN VEH/RMV ITEM BLK APPLE I POD 80 GIG VIDEO
A9-094659	450 S 42ND ST	VEH NOT LOCKED SONY CAR STEREO
A9-094909	233 N 48TH ST	PR OBSVD TO CONCEAL ITEMS AND ATT TO LEAVE W/O PAYING GLOW STICK/FLASHLIGHT/LOCK/SQUEEZE LOCK/WD LUBRICAN
A9-095411	932 N 30TH ST	UNK ENTERED UNLOCKED GARAGE DOOR TOOLBOX/WRENCHES/SOCKETS/WOODEN CRATE W/MISC TOOLS/FRIG/COMPRESSOR,

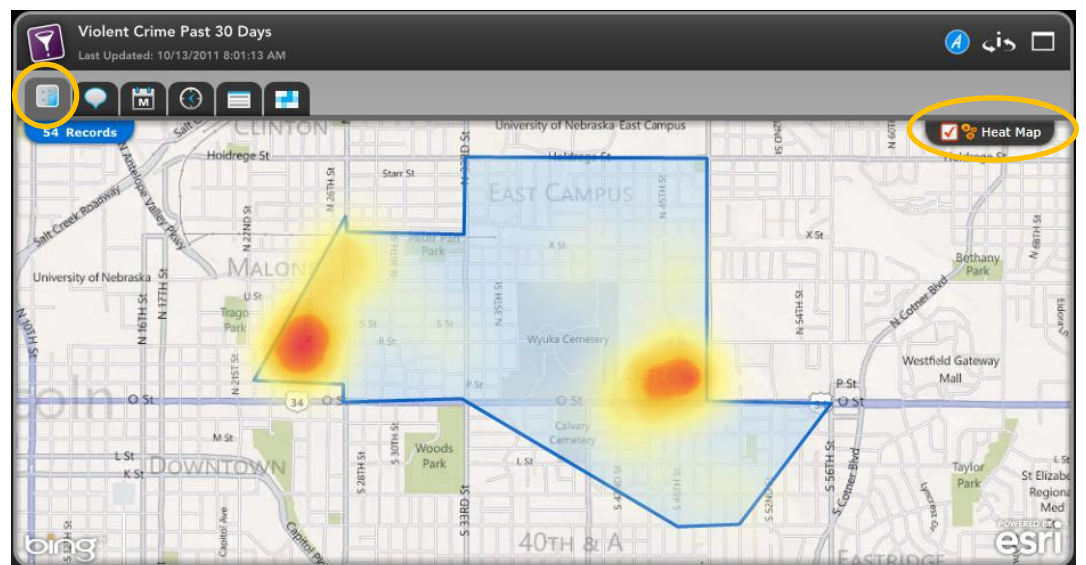
The final icon is a **Temporal Heat Index chart**. Click this icon. You now see the “heat index” of each hour of the day, in respect to the number of incidents being displayed that took place during that hour. See Figure 2.16.

Figure 2.16



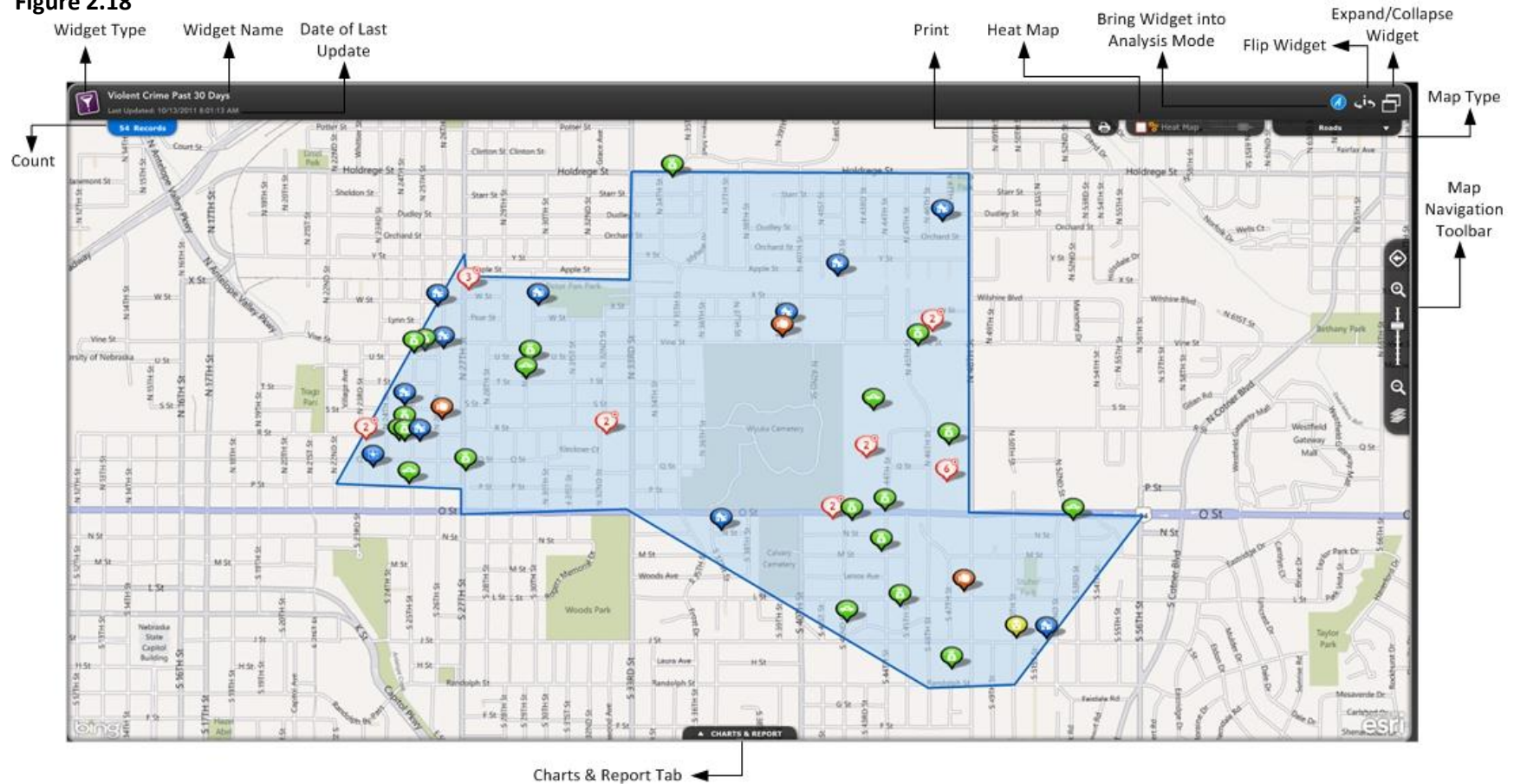
Click the **View Map** button to go back to the map. In the upper right corner of the map you can see a **Heat Map** check box. Check this box. You can see the results displayed as a heat map. A heat map displays the map points as a raster layer that shows the intensity of the features in the map area. Uncheck the box. See Figure 2.17.

Figure 2.17



Click on the **window button** to Maximize the widget. Figure 2.18 shows the widget in its Maximized State and with major UI features labeled.

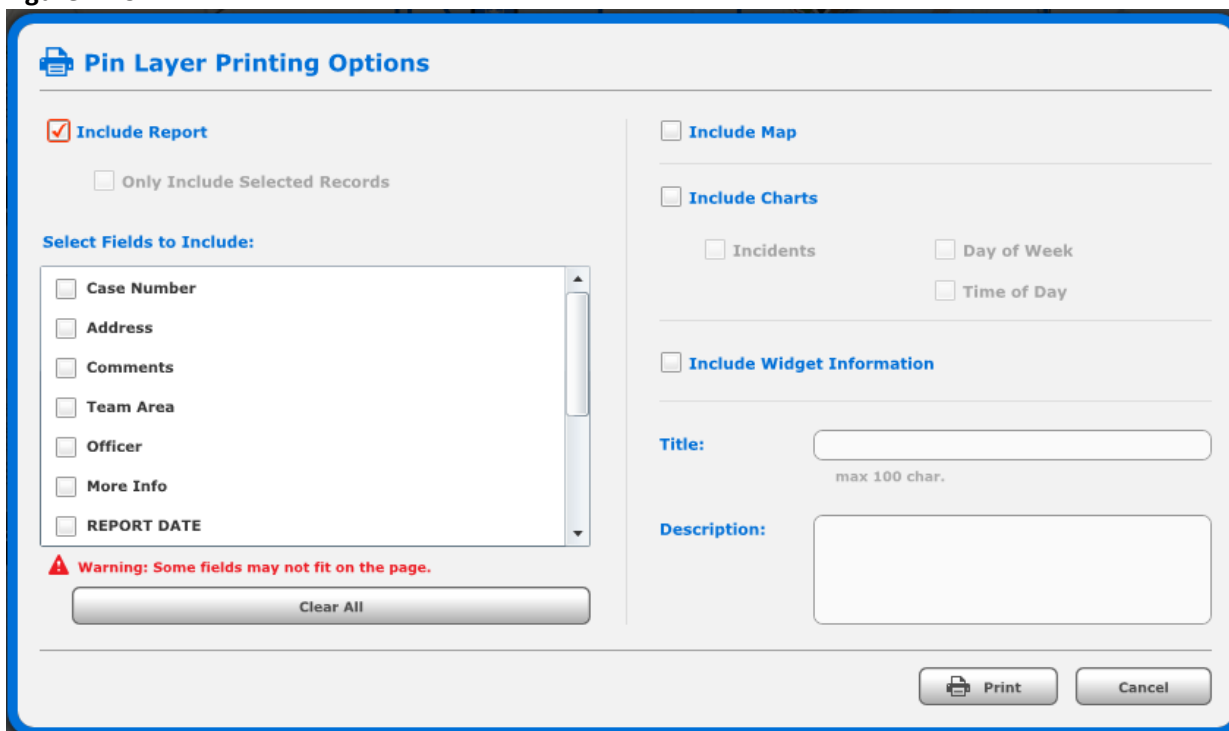
Figure 2.18



There are a number of differences in the widget between its Maximized State and Minimized State. As you can see from Figure 2.18, the top of the widget remains the same. The name, widget type and last date of update are in the top left corner. While in the top right corner you see the Analysis Mode “A” icon, Flip Widget “i” icon and the **Maximize/Minimize widget window** icon. You will notice that when the widget is Maximized, the icon to Maximize/Minimize the widget is two windows versus one window in its Minimized state.

The **Print** icon in the top right area of the map will allow you to print certain features of the Filter Widget. Clicking this button will bring up an options dialogue box. See Figure 2.19. You can include or exclude a report by using the **Include Report** check box. You can further choose to include only selected records. Selecting the **Include Map** check box will let you print a Map as well. Selecting the **Include Charts** check box will let you print charts. You can choose to print any combination of an **Incidents Chart**, **Day of Week** chart and a **Time of Day** chart. Selecting the **Include Widget Information** will print certain information about the widget. The **Title** field will let you enter a Title. The **Description** text box will let you enter a description. The **Clear All** button will reset your printing options. Click the **Print** button to print. Click the **Cancel** button to cancel printing. When you click the Print button the standard Windows Print box will be brought up and you will be able to choose your printing options.

Figure 2.19



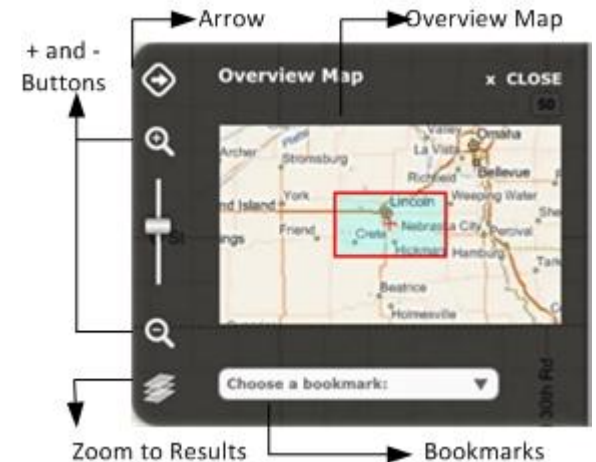
The image shows a dialog box titled "Pin Layer Printing Options" with a printer icon. It contains several sections for configuring print options:

- Include Report:** A checked checkbox. Below it is an unchecked checkbox labeled "Only Include Selected Records".
- Select Fields to Include:** A list box containing the following items, each with an unchecked checkbox:
 - Case Number
 - Address
 - Comments
 - Team Area
 - Officer
 - More Info
 - REPORT DATE
- Warning:** A red triangle icon followed by the text "Warning: Some fields may not fit on the page." Below this is a "Clear All" button.
- Include Map:** An unchecked checkbox.
- Include Charts:** An unchecked checkbox. Below it are three unchecked checkboxes: "Incidents", "Day of Week", and "Time of Day".
- Include Widget Information:** An unchecked checkbox.
- Title:** A text input field with the label "Title:" to its left. Below the field is the text "max 100 char.".
- Description:** A larger text input field with the label "Description:" to its left.
- Buttons:** At the bottom right are two buttons: "Print" (with a printer icon) and "Cancel".

The **Map Type** drop down in the top right corner of the map lets you choose between different map types. The types available to you depend upon your Dashboard's configuration.

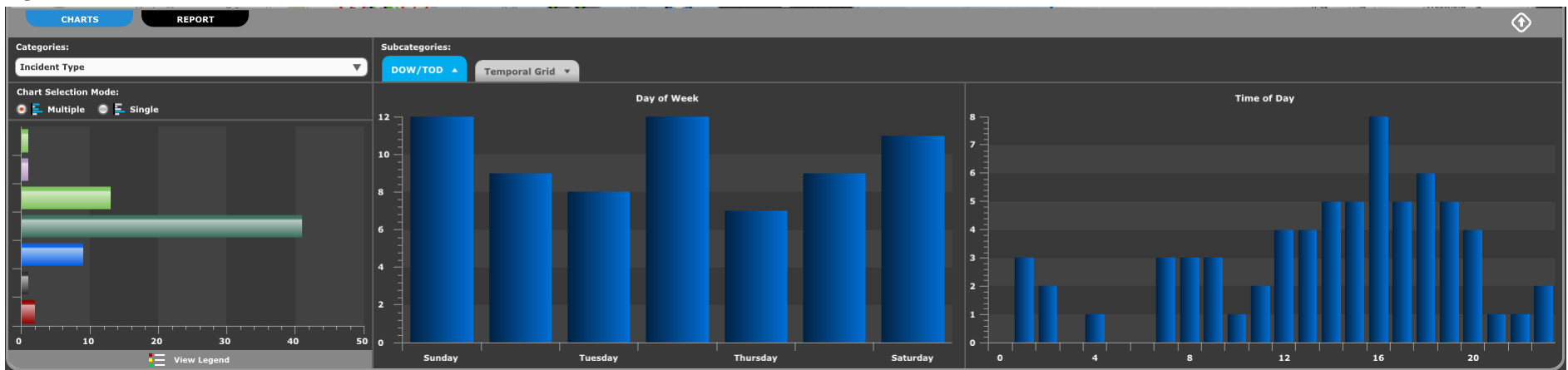
You will notice that in the Maximized view of the widget there is a **Map Navigation Toolbar** on the right side of the map. See Figure 2.20. Figure 2.20 shows this Map Navigation Toolbar with its features labeled. Clicking the **arrow** will expand or collapse the Map Navigation Toolbar. You can zoom in or out by clicking on the **+ or – magnifying glasses**. The **stacked pages** icon underneath the zoom icons will let you zoom to the widget's resulting selection layer. This is useful if you zoom too far in or out and want to quickly zoom back to the resulting selection layer. When this toolbar is expanded you can see there is an **Overview Map**. In Figure 2.20, you will notice that this map contains a red box. This shows the area that the widget is displaying. You can move this box to display a different area of the map. The last feature on the map navigation toolbar is a drop down menu that says **Choose a bookmark**. In this drop down menu you can zoom to different map views that have been bookmarked for the Dashboard.

Figure 2.20



The last major difference between the Maximized widget and its Minimized State is the **Charts & Report tab**. You can find this tab at the bottom of the map in the center of the screen. Clicking on this tab will let you view charts and reports. Click on this tab. You should now see a tab similar to the one in Figure 2.21.

Figure 2.21

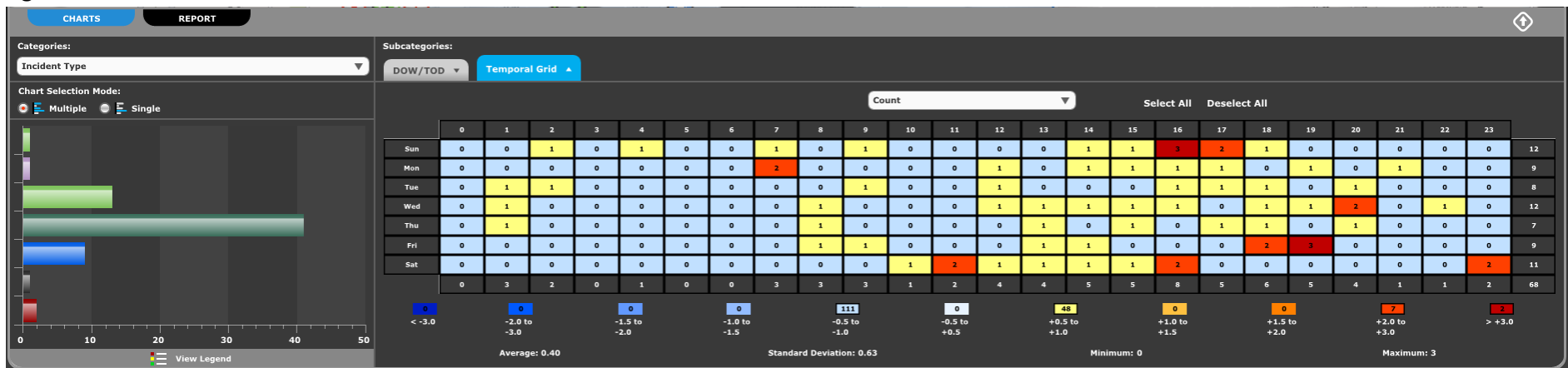


As you can see in Figure 2.21, in Maximized State you can view numerous charts and reports at once. In the top left corner of the Charts & Report tab you can see two different tabs. One tab is labeled **Charts** and the other is labeled **Report**. The Charts tab is open by default. The Charts Tab is organized by **Category** and **Subcategory**. On the left you will see the main **Category Chart**. This is a horizontal bar chart that will display the count of incidents for the selected Category. The **Categories** drop down list will allow you to choose between different Categories for your chart. The available Categories will depend upon your Agency's configuration. The **Chart Selection Method** buttons will allow you to choose whether you want to use **Multiple** selection or **Single** Selection. Multiple Selection will allow you to select multiple bars at once. Single Selection will allow you to select only one bar at a time. Click on a bar on the chart will filter the Subcategory charts on the left and the results on the map. The **View Legend** button along the bottom of this chart will flip the chart over and show you the legend.

On the right side of the Charts tab you will see the **Subcategory** charts. You can access different Subcategory charts via the tabs along the top of the right side. The first tab, and the tab open by default, is the **DOW/TOD** tab. This tab will display a **Day of Week** chart and a **Time of Day** Chart. Both of these charts are interactive. If you have clicked on a bar(s) in the main **Category Chart**, then these charts will automatically update to reflect the filtering. You can also click on the bars in these charts yourself.

The second Subcategories tab is the **Temporal Grid** tab. See Figure 2.22. This will show a Temporal Heat Index Grid for the data. By default, all cells in the Temporal Grid are selected. You can then click on cells to deselect them. Depending on the configuration of your Agency's Dashboard, there will be a drop down menu above the Temporal Grid that will allow you to choose different statistics to display the grid by. The **Select All** and **Deselect All** buttons will Select and Deselect all the cells. You can see the legend for the Grid along the bottom.

Figure 2.22



Depending on the configuration of your Agency's Dashboard, you may have an **Ad-Hoc** tab. This tab will show a chart Ad-Hoc Charts for the Filter Widget. The charts available will depend upon your Agency's Dashboard configuration. The **drop down menu** will show the different charts you can view. The Ad-Hoc Charts are fully interactive. Clicking on a bar will filter the Main Category Chart and the results on the map.

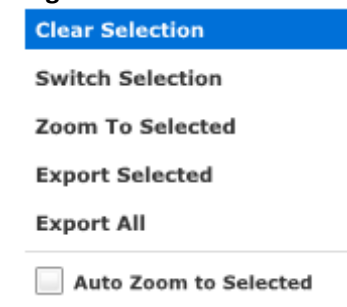
Figure 2.23 shows the Table Report in Maximized widget view. If you have enough data to have more than one page in your report you can cycle through the pages using the buttons in the top left corner of the report. The **middle button** tells you what page of the report you are currently looking at while the **arrows** on the right and left of this button will let you go to the next page or the previous page respectively. Click the **Options...** button. Here you can **Clear Selection**, **Switch Selection**, **Zoom to Selected**, **Export Selected**, **Export All** and **Auto Zoom to Selected**. See Figure 2.24.

Figure 2.23

	Case Number	Address	Comments	Team Area	Officer	More Info	REPORT DATE	FROM DATE	TO DATE
☐	A9-100469	3421 HOLDREGE ST	ROOMMATE BELIEVED TO HAVE TAKEN MONEY FROM EMPLOYER'S MONEY BAG US CURRENCY	Northeast Team	1218 BRODD	More info...	10/8/2011 11:03:00 AM	10/7/2011 4:30:00 PM	10/8/2011 11:03:00 AM
☐	A9-101268	4139 O ST	PR OBSVD TO PUT ITEMS IN JEANS PKT AND ATT TO LEAVE W/O PAYING LUNA MEGA OIL/GLASS BLOWN PENDANTS	Southeast Team	1401 WITZEL	More info...	10/10/2011 3:02:00 PM	10/10/2011 3:00:00 PM	1/1/0001 12:00:00 AM
☐	A9-101282	233 N 48TH ST	PRS OBSVD TO CONCEAL ITEMS IN THEIR HOODED SWEATSHIRTS AND NO PAY ENERGY DRINK/CHIPS/MECHANICAL PENCILS	Northeast Team	1586 MARTIN	More info...	10/10/2011 4:04:00 PM	10/10/2011 3:30:00 PM	10/10/2011 4:04:00 PM
☐	A9-101449	381 S 48TH ST	POSS SUSP KNOWN ONLY BY TIM COCKED GUN AND THREATENED V	Southeast Team	1619 NADGWICK	More info...	10/11/2011 2:17:00 AM	10/10/2011 11:25:00 PM	10/10/2011 2:17:00 AM
☐	A9-101591	2615 VINE ST	PR GAINED ENT THROUGH OPEN DOOR/TAKING ITEMS CASH, ONE CIGARETTE	Center Team	1577 PARKER	More info...	10/11/2011 5:23:00 PM	10/11/2011 4:45:00 PM	10/11/2011 5:23:00 PM
☐	A9-101823	2445 R ST	UNK PARTY ENTERED LOCKED ROOM AND TOOK DVD PLAYER/UNFOUNDED GRAY SPECTRONIQ 7 IN PORTABLE DVD PLAYER	Center Team	1551 DITTMAN	More info...	10/12/2011 3:59:00 PM	10/1/2011 12:01:00 AM	10/10/2011 3:59:00 PM
☐	A9-101871	4400 O ST	GAS DRIVE OFF GAS	Northeast Team	1616 COOPER	More info...	10/12/2011 6:03:00 PM	10/12/2011 5:55:00 PM	10/12/2011 6:03:00 PM
☐	A9-102081	4435 O ST	ITEM MISSING FRM OFFICE BATHROOM BLK UNK OVER-STUFFED CLOTH CHAIR	Southeast Team	452 VARGA JR.	More info...	10/13/2011 1:41:00 PM	9/5/2011 5:00:00 PM	9/8/2011 9:00:00 AM
☐	A9-102158	815 N 27TH ST	ITEMS TAKEN FROM SHELF/PUT IN POCKET/LEFT WITHOUT PAYING TOYS	Center Team	1577 PARKER	More info...	10/13/2011 5:09:00 PM	10/13/2011 5:05:00 PM	10/13/2011 5:09:00 PM
☐	A9-100492	3718 N ST	UNK PARTY ENTERED THU UNLOCKED SIDE DOOR TO GARAGE TO TAKE ITEMS 3 EUROPOWER AMPS, THEATER SOUND SYSTEM, MIXER W/LIGHTS, SPEAKERS	Southeast Team	452 VARGA JR.	More info...	10/8/2011 12:05:00 PM	9/27/2011 3:00:00 AM	10/8/2011 12:05:00 PM
☐	A9-100515	4139 O ST	PR CONCEALED 3 PENDANTS IN PANTS POCKETS & TRIED TO EXIT W/O PAYING PENDANTS	Southeast Team	762 GROVES	More info...	10/8/2011 1:21:00 PM	10/8/2011 1:15:00 PM	1/1/0001 12:00:00 AM

There are **check boxes** next to each record in the table. Check as many boxes as you would like. You can see the records you check are now highlighted in the map. The **circular zoom button** next to the check box lets you zoom to that record on the map. Click one of these buttons to zoom to the record on the map. You can now click on that record to see more detailed information about it. Click on the **Zoom to Result Layer button** on the **Map Navigation Toolbar** on the right of the map to return the map to the resulting selection layer. The last major feature of the table is the ability to **group and sort by column**. You can click on any column and drag it to where it says "Drag a column header and drop it here to group by that column". This will group the report by that

Figure 2.24



column. Click on any column and drag it up to that area to sort by that column. To reset the report click the **Reset button**. You can now click the **Charts and Report** tab to exit out of Charts and Reports. See Figure 2.23.

button. You can now click the **Charts and Report** tab to exit out of Charts and Reports. See Figure 2.23.

You can **Identify** points on the map in the Maximized widget. To see information about specific incidents you can click on their points on the map. You will see a box pop up that displays this information. You can check the **Select Record** box in the window that pops up and the record will be surrounded by a glowing blue halo on the map. This record will also be selected in the tabular report with the Charts & Reports tab. For **Repeat Location** widgets and **Density Map** widgets, clicking on a point will show the **count** and **address** or **count** and **density** respectively. See Figure 2.25.

Figure 2.25



The **Additional Record Details** button will bring up a dialogue box displaying even more details about the selected record. Click on this button. See Figure 2.26. From this dialogue box you can use the **Print** button to print out the details of this record. You can also use the **Export** button to export the details of this record as an MS Excel spreadsheet. Click the **Close** button to close this dialogue box.

Click on the **double window** icon in the top right corner of the widget to Minimize the widget.

Figure 2.26



Repeat Locations Widget

The second type of widget in the CrimeView Dashboard is the **Repeat Locations Widget**. See Figure 2.27. This widget displays a repeat location map of the selected incidents. You can find step by step information on how to create a Repeat Locations Widget in the Administrators and Designers Refresher Tutorial.

At the top left corner of the Repeat Locations Widget you will find the widget name and date of last update. In the top right corner you will find the “A” icon, “I” icon and the **Maximize/Minimize widget window** icon.

On the map you can see the repeat locations displayed by circles with the number of incidents at that location.

Below the widget name there are two options: the **View Map** icon and the **Table of Results** icon. The **View Map** is the default view. You can view the **Table of Results** by clicking on its icon. See Figure 2.28. Clicking on a check box will highlight that location on the map. Click the **View Map** icon to return to the map.

Figure 2.27

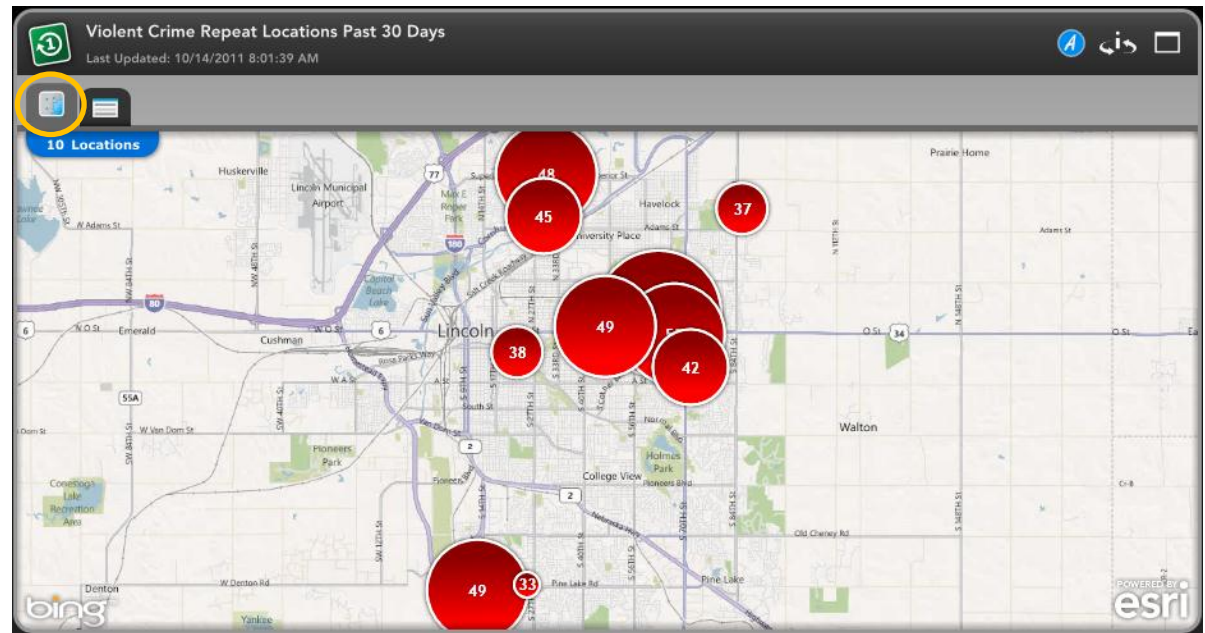
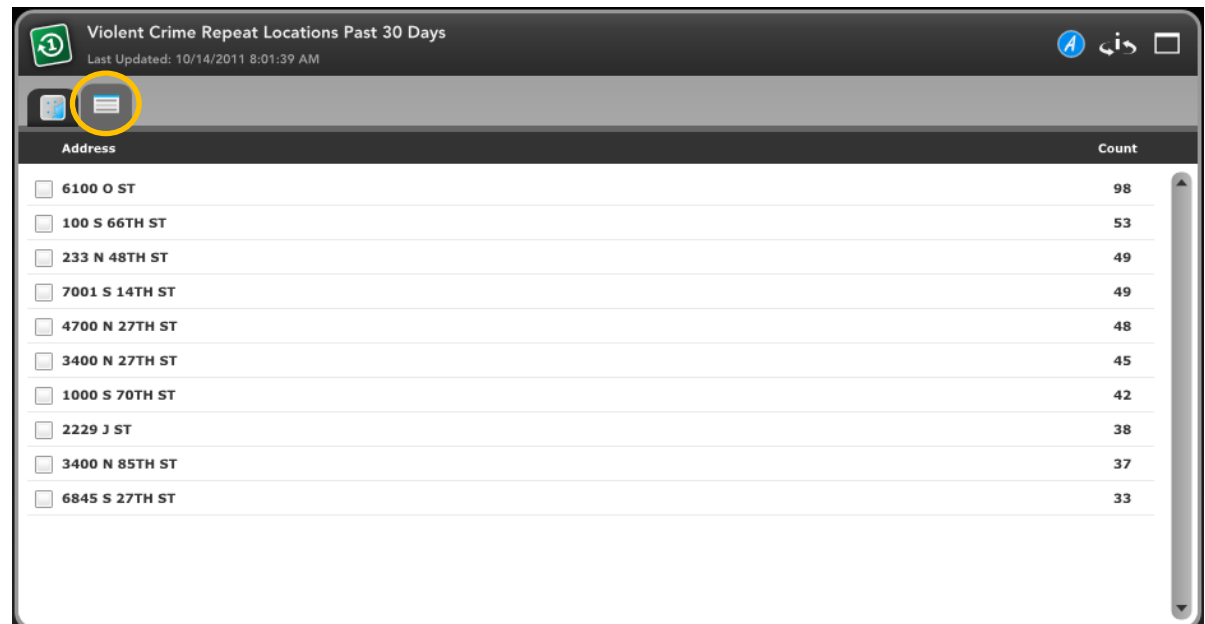
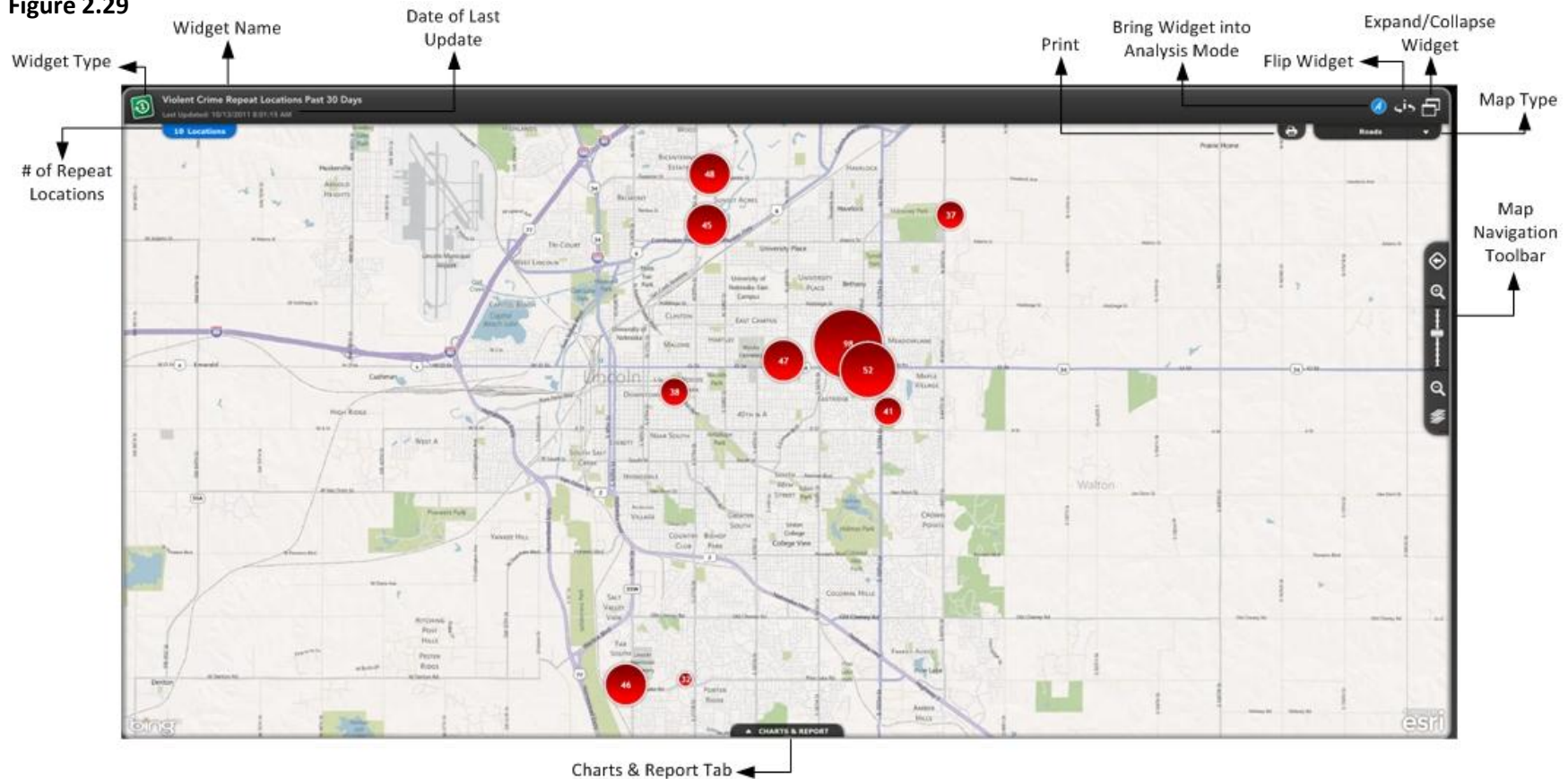


Figure 2.28



Click the **window** icon in the top right corner of the widget to Maximize the widget. You can see in Figure 2.29 below that the Maximized Repeat Locations Widget looks almost identical to the Maximized Filter Widget. The major UI features are labeled on Figure 2.29.

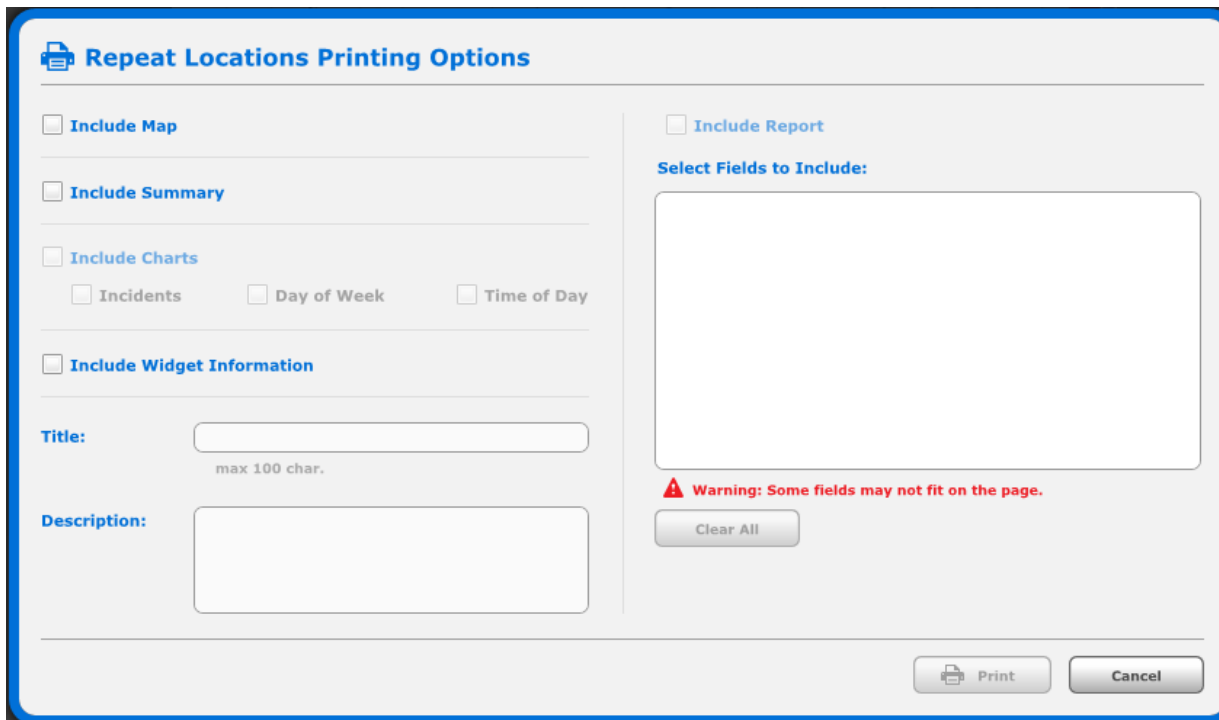
Figure 2.29



You will find the name, date of last update, and the widget type in the top left corner of the widget. In the top right corner you will find the “A” icon, “i” icon and the double **window** icon. In the top right corner of the map you can see the **Map Type** drop down menu. The map types available to you will depend upon your Dashboard’s configuration. The **Map Navigation Toolbar** on the right side of the map is the same toolbar you have seen in the Maximized Filter Widget on [Page 21](#) and Figure 2.20.

The **Print** icon in the top right area of the map will allow you to print certain features of the Repeat Locations Widget. Clicking this button will bring up an options dialogue box. See Figure 2.30. Selecting the **Include Map** check box will let you print the map. Selecting the **Include Summary** check box will print our summary information for the widget. Selecting the **Include Widget Information** will print certain information about the widget. The **Title** field will let you enter a Title. The **Description** text box will let you enter a description. The **Clear All** button will reset your printing options. Click the **Print** button to print. Click the **Cancel** button to cancel printing. When you click the Print button the standard Windows Print box will be brought up and you will be able to choose your printing options.

Figure 2.30



The image shows a dialog box titled "Repeat Locations Printing Options" with a printer icon. It contains several sections for configuring print options:

- Include Map**: A checkbox.
- Include Summary**: A checkbox.
- Include Charts**: A checkbox, followed by three sub-options: ☐ Incidents, ☐ Day of Week, and ☐ Time of Day.
- Include Widget Information**: A checkbox.
- Title:** A text input field with a placeholder "max 100 char."
- Description:** A larger text input field.
- Include Report**: A checkbox.
- Select Fields to Include:** A large empty rectangular box.
- Warning:** A red triangle icon followed by the text "Warning: Some fields may not fit on the page."
- Clear All**: A button.
- Print**: A button with a printer icon.
- Cancel**: A button.

You will also find a **Charts & Report** tab in the center bottom of the map. Click on this tab to expand it. You can see the **Table of Results** displaying the **Address** and **Count** of the repeat locations. See Figure 2.31. You can click the **check box** next to each result to highlight the repeat locations on the map. When you check a box two more tabs appear. A **Report** tab and a **Charts** tab are now available.

Figure 2.31

SUMMARY

Export Summary

Address	Count
☐ 6100 O ST	102
☐ 100 S 66TH ST	47
☐ 3400 N 27TH ST	45
☐ 4700 N 27TH ST	44
☐ 2229 J ST	36
☐ 233 N 48TH ST	35
☐ 3400 N 85TH ST	34
☐ 6845 S 27TH ST	31
☐ 7001 S 14TH ST	30
☐ 1709 WASHINGTON ST	27

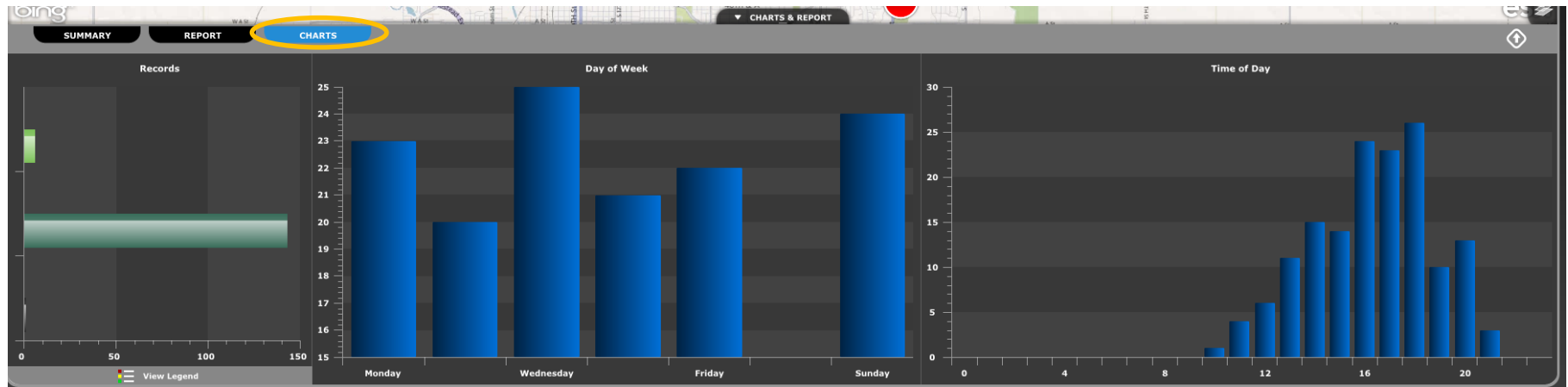
The **Report** tab shows the repeat locations that you have checked in the summary tab. You can expand the locations by clicking on them. You will then see detailed information on each incident at that location. See Figure 2.32.

Figure 2.32

SUMMARY	REPORT	CHARTS
Case Number	Address	Comments
Team Area	Officer	Victim
REPORT DATE	FROM DATE	TO DATE
Incident Type	Incidents	
Count: 102	Address: 6100 O ST	
Count: 47	Address: 100 S 66TH ST	
Count: 45	Address: 3400 N 27TH ST	
Count: 44	Address: 4700 N 27TH ST	
Count: 36	Address: 2329 J ST	

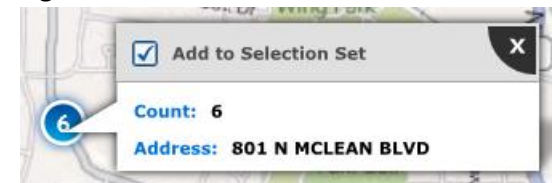
The **Charts** tab shows the repeat locations that you have checked in the summary tab. You can see the Incidents Chart on the left and the Day of Week and Time of Day Charts on the right. These charts are not interactive. See Figure 2.33. When you are finished, click the Charts & Reports tab again to close this tab.

Figure 2.33



You can Identify any of the Repeat Locations by clicking on them. A dialogue box will display. You can use the check box to add the Repeat Location to the Selection Set. You will also see the Count and Address displayed. Click the X in the top right corner to close this box. See Figure 2.34.

Figure 2.34



Click on the **double window Maximize/Minimize widget** icon in the top right corner of the widget to Minimize the widget.

Density Widget

The third type of widget in the CrimeView Dashboard is a **Density Widget**. This widget displays a density map of the selected incidents. See Figure 2.35. You can find step by step information on how to create a Density Widget in the Administrators and Designers Refresher Tutorial.

You can see that the top of this widget displays nearly the same information as the Repeat Locations Widget. The only difference is the type of widget, as you can see the Density Widget icon. The widget name and updated date are in the same place, as are the blue “A” button, i button and the **Maximize/Minimize widget window** icon.

Below the widget name there are two options: the **View Map** icon and the **Table of Results** icon. The **View Map** is the default view. You can view the **Table of Results** by clicking on its icon. See Figure 2.36.

The map shows either the count or the density of incidents that have occurred within a predefined boundary. The higher the count or density in a boundary, the darker the shaded color of the boundary will be. The end user chooses whether to display the map by count or density.

Figure 2.35

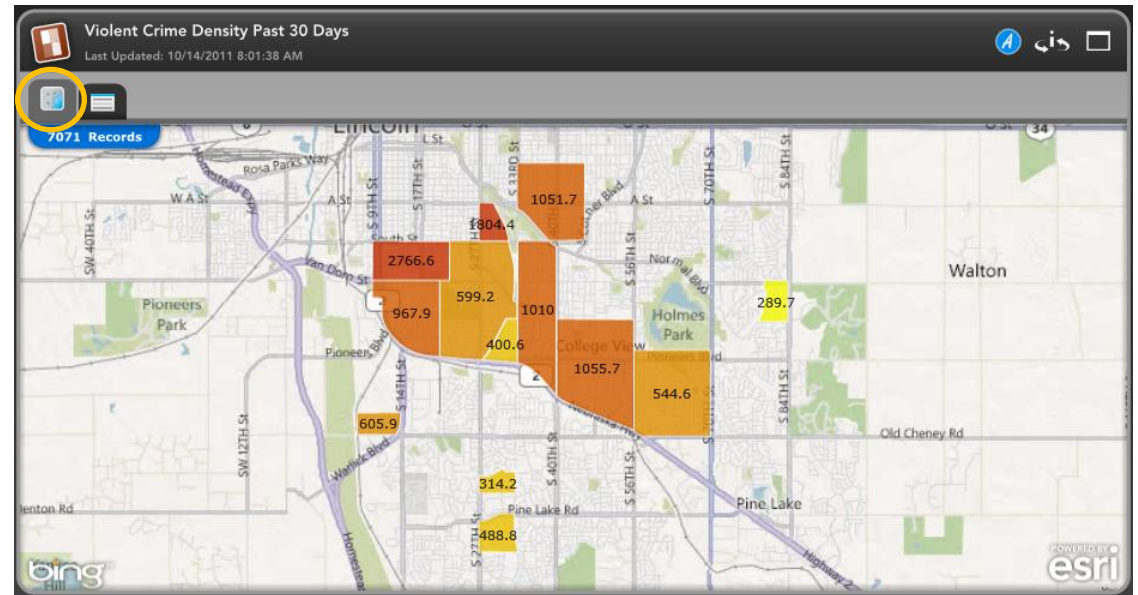
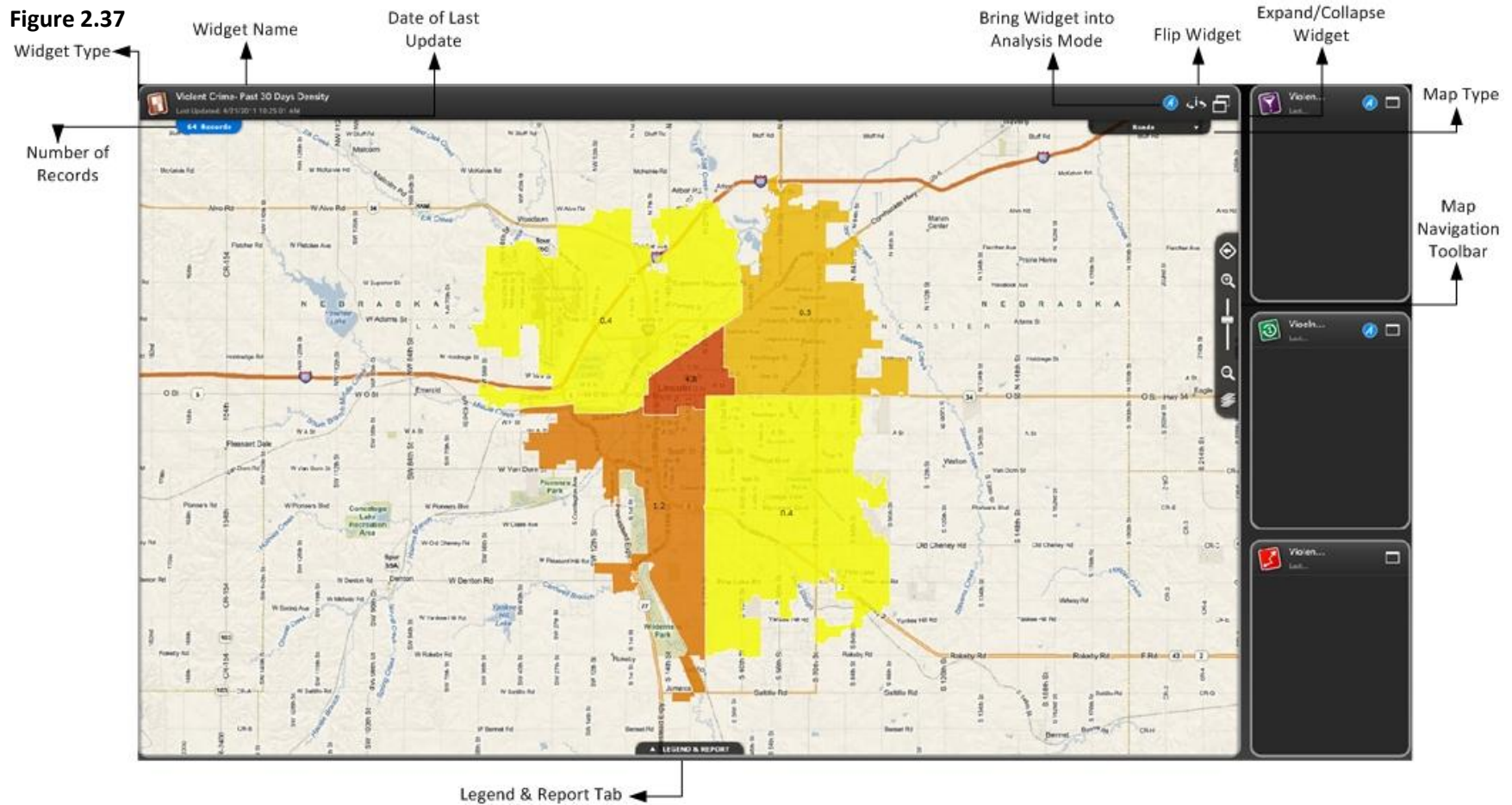


Figure 2.36

	Name	Count	Density
	Crown Pointe	49	289.7
	Southern Hills	38	314.2
	Bishop Park	64	400.6
	Porter Ridge	107	488.8
	Colonial Hills	601	544.6
	Country Club	802	599.2
	Salt Valley View	95	605.9
	Indian Village	658	967.9
	Greater South	874	1010
	40th & A	824	1051.7
	College View	1293	1055.7

Click on the **window** icon in the upper right hand corner of the widget to Maximize the Density Widget. Figure 2.37 shows the Maximized Density Widget with major UI features labeled.

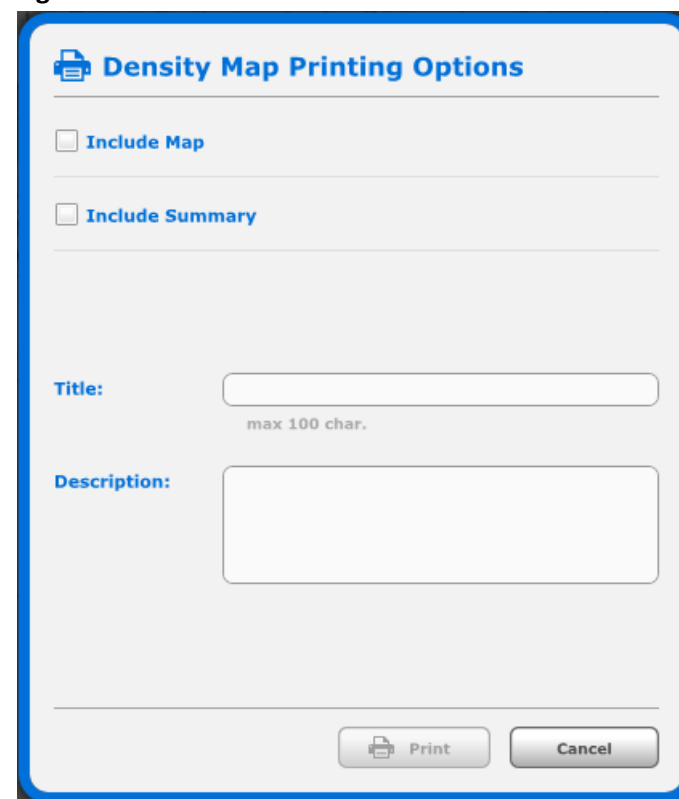
Figure 2.37



As you can see the Maximized Density Widget is very similar to the Maximized Filter Widget. You can see the widget name and the last updated date are in the top left corner. The Analysis Mode “A” icon, Flip Widget “i” icon, and the double windowed **Maximize/Minimize widget** icon (you will recall that when the widget is Maximized this icon changes to the double windowed icon) can be seen in the top right corner. You can see in the top right corner of the map the **Map Type** drop down menu. The options available to you will depend upon your Dashboard’s configuration. The **Map Navigation Toolbar** on the left is also the same. To review the Map Navigation Toolbar see Page 21 and Figure 2.20.

Clicking on the **Print Icon** will let you print certain features of the density map. See Figure 2.38. You can use the **Include Map** check box to print the map. You can use the **Include Summary** check box to print the summary. Enter a **Title** and **Description**, if you wish. Clicking **Print** will bring up the windows print options allowing you set up standard windows printing options. Clicking **Cancel** will cancel the printing setup.

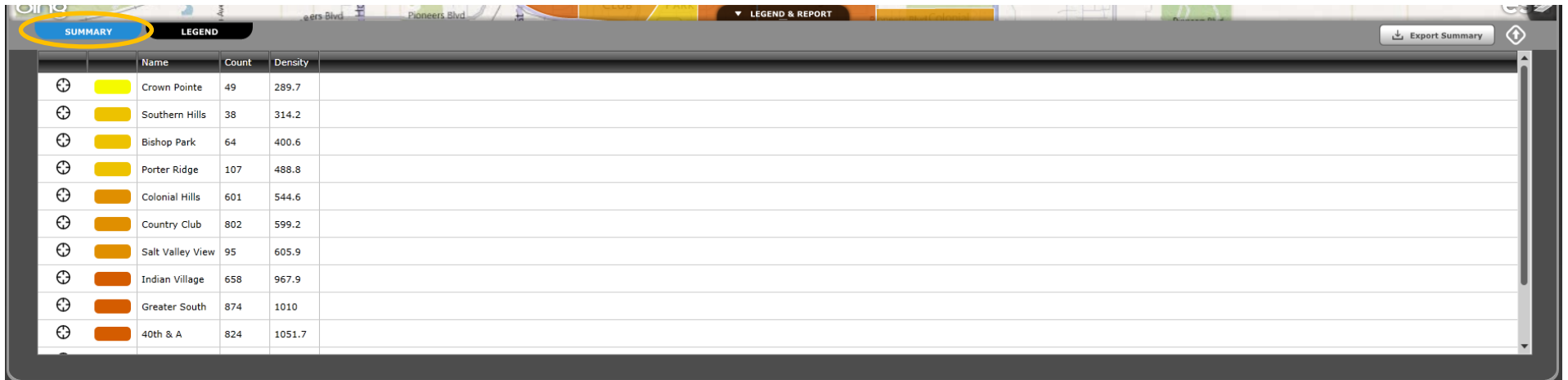
Figure 2.38



The image shows a dialog box titled "Density Map Printing Options" with a printer icon. It contains two checkboxes: "Include Map" and "Include Summary", both of which are currently unchecked. Below these are two text input fields. The first is labeled "Title:" and has a small hint "max 100 char." below it. The second is labeled "Description:". At the bottom right, there are two buttons: "Print" (with a printer icon) and "Cancel".

You can see in Figure 2.34 that there is a tab on the bottom of the widget titled **Legend & Report**. Click on this tab to expand it. See Figure 2.39.

Figure 2.39

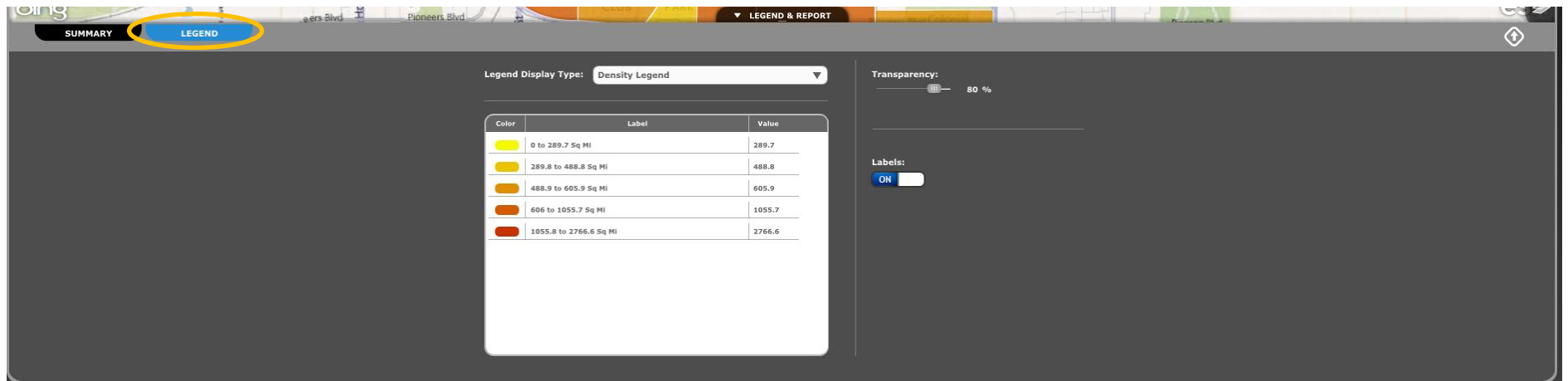


		Name	Count	Density
+		Crown Pointe	49	289.7
+		Southern Hills	38	314.2
+		Bishop Park	64	400.6
+		Porter Ridge	107	488.8
+		Colonial Hills	601	544.6
+		Country Club	802	599.2
+		Salt Valley View	95	605.9
+		Indian Village	658	967.9
+		Greater South	874	1010
+		40th & A	824	1051.7

As you can see there are two tabs in the top left corner: the **Summary tab**, which is open by default, and the **Legend tab**. The summary tab is the table of results from the Minimized widget. The **Export Summary** button will allow you to export the summary as a MS Excel spreadsheet. The **Up Arrow** will Minimize/Maximize the tab. The table contains each **Boundary Name** with its associated **Color**, the **Count** of incidents and the **Density**. You can use the circular **target button** to zoom to that boundary.

Click on the **Legend tab**. You can see the **Minimize/Maximize Up Arrow** in the top right corner. Here you can see the legend for the Density Widget. It shows the colors displayed on the map and the corresponding values. The **Legend Display Type** drop down menu lets you select between showing the legend based upon **Count** or upon **Density**. Notice the values change as you toggle between **Count** and **Density**. You can also set the **Transparency** of the density map result using the slider on the top right side of the **Legend** tab. You can turn labels off by clicking the **Labels** button that is on the middle right side of the **Legend** tab. See Figure 2.40.

Figure 2.40



You can Identify any of the Density Map boundaries by clicking on them. A dialogue box will display. You will see the Count and the Density displayed on the resulting dialogue box. Clicking on the X in the top right corner will close this box. See Figure 2.41.

Figure 2.41



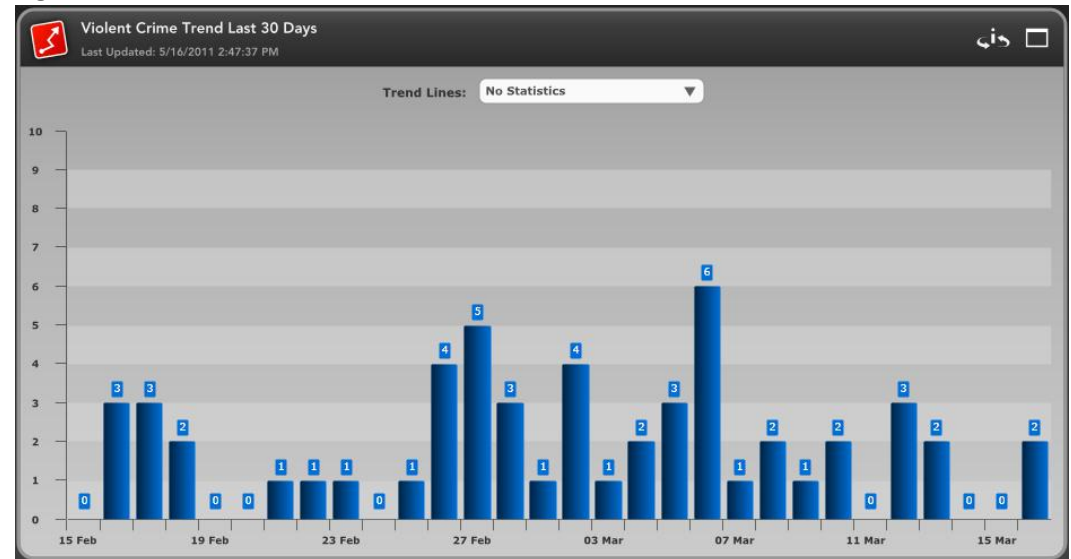
You can click on the **Legend & Report** tab again to close this tab. You can then click the double windows icon to Minimize the widget.

Trend Widget

The fourth type of widget in CrimeView Dashboard is the **Trend Widget**. This widget displays a trend graph for the selected data. See Figure 2.42. You can find step by step information on how to create a Trend Widget in the Administrators and Designers Refresher Tutorial.

You can see that this widget is set up very similar to the other three widgets. However there are some key differences. You can see the widget name, date last updated and the widget type in the top left corner of the widget. However in the top right corner of the widget there are only two icons: the “i” icon and the **Maximize/Minimize widget window** icon. There is no “A” Analysis Mode icon because this type of widget does not have a corresponding map.

Figure 2.42

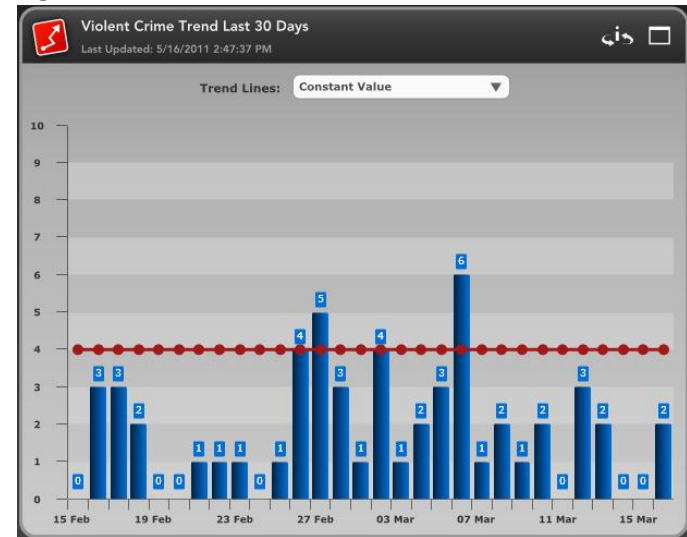


The next difference is where you would see a map in the previous widgets, you see a trend graph. You can see there is a drop down menu in which you can choose different options for displaying **trend lines**.

Figure 2.42 displays the Trend Widget with **No Statistics** lines.

The **Constant Value** trend line displays a pre-configured constant value as a straight line on the trend graph. See Figure 2.43.

Figure 2.43



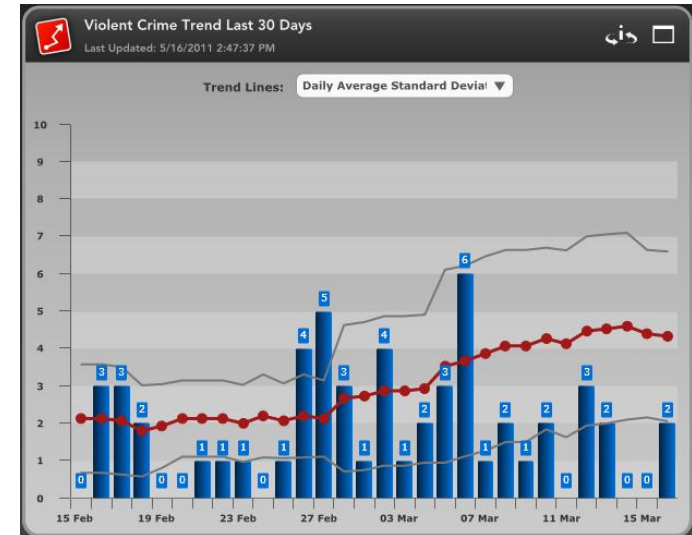
The **Daily Average** displays an expected daily values trend line to the data and is based upon past data. See Figure 2.44.

Figure 2.44



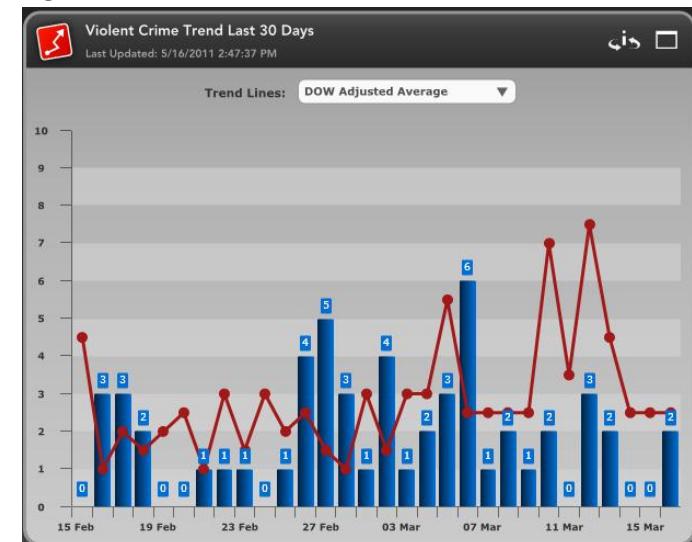
The **Daily Average Standard Deviation** displays the Daily Average line plus standard deviation line. See Figure 2.45.

Figure 2.45



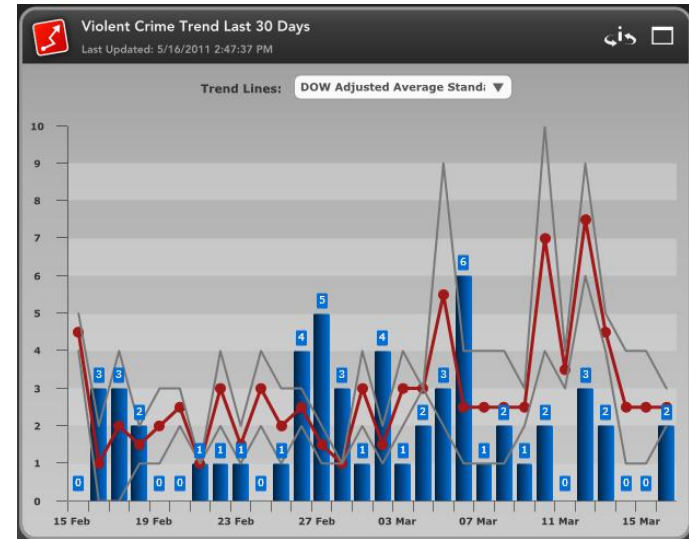
The **DOW Adjusted Average** displays the expected daily values line. This is based upon past data. See Figure 2.46.

Figure 2.46



The **DOW Adjusted Average Standard Deviation** displays the DOW Adjusted Average line plus the standard deviation line. See Figure 2.47.

Figure 2.47



Click on the **Maximize/Minimize window** icon to Maximize the Trend Widget. As you can see Maximizing the Trend Widget just enlarges the widget. Click the **double window** icon to Minimize the widget.

GeoRSS Widget

The final type of widget in the Dashboard is the GeoRSS Widget. This widget displays Geo RSS information as points on the map. See Figure 2.48. You can find step by step information on how to create a GeoRSS Widget in the Administrators and Designers Refresher Tutorial.

You can see that the top of this widget displays information about the GeoRSS Widget such as the title and time of last update. You can see the GeoRSS Widget Type icon also. The **flip widget 'i'** icon is on the top right along with the **Maximize/Minimize widget window** icon.

Below the widget name there are two options: the **View Map** icon and the **Table of Results** icon. The **View Map** is the default view. You can view the **Table of Results** by clicking on its icon.

The map shows the information in the Geo RSS feed as points on the map. They will either be individual points or stacked icons. See Figure 2.49.

The **Table of Results** tab shows information about the points on the map in report form. See Figure 2.44. The fields shown will vary depending upon the type of Geo RSS Feed the widget is using. The fields included in the report will depend upon the type of Geo RSS Feed you are using. If the report contains more than one page, you can scroll through each page using the **arrows** in the

Figure 2.48

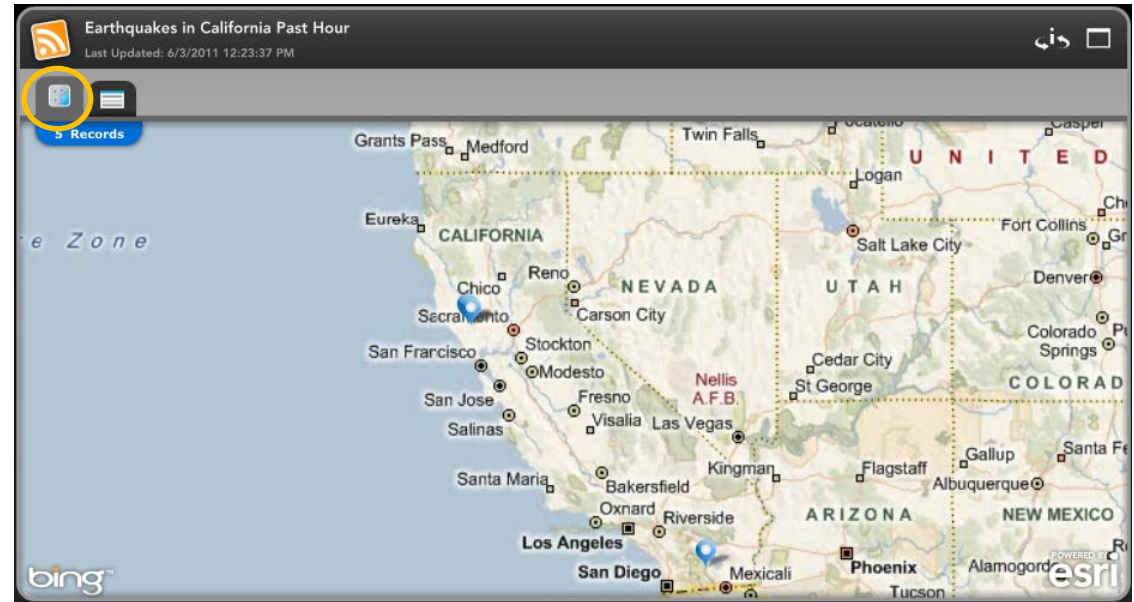
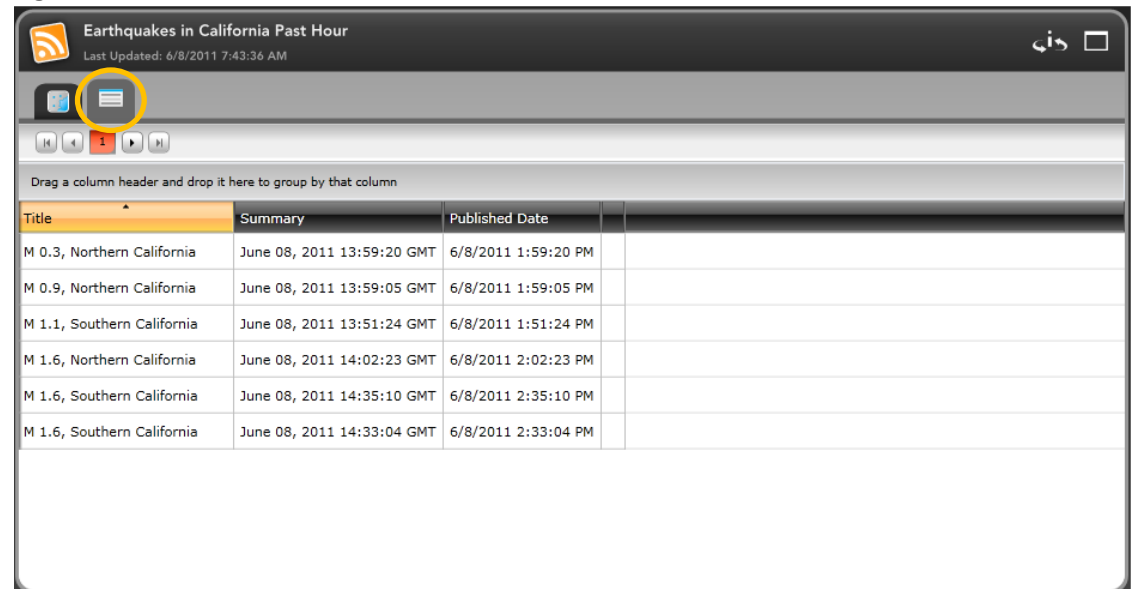


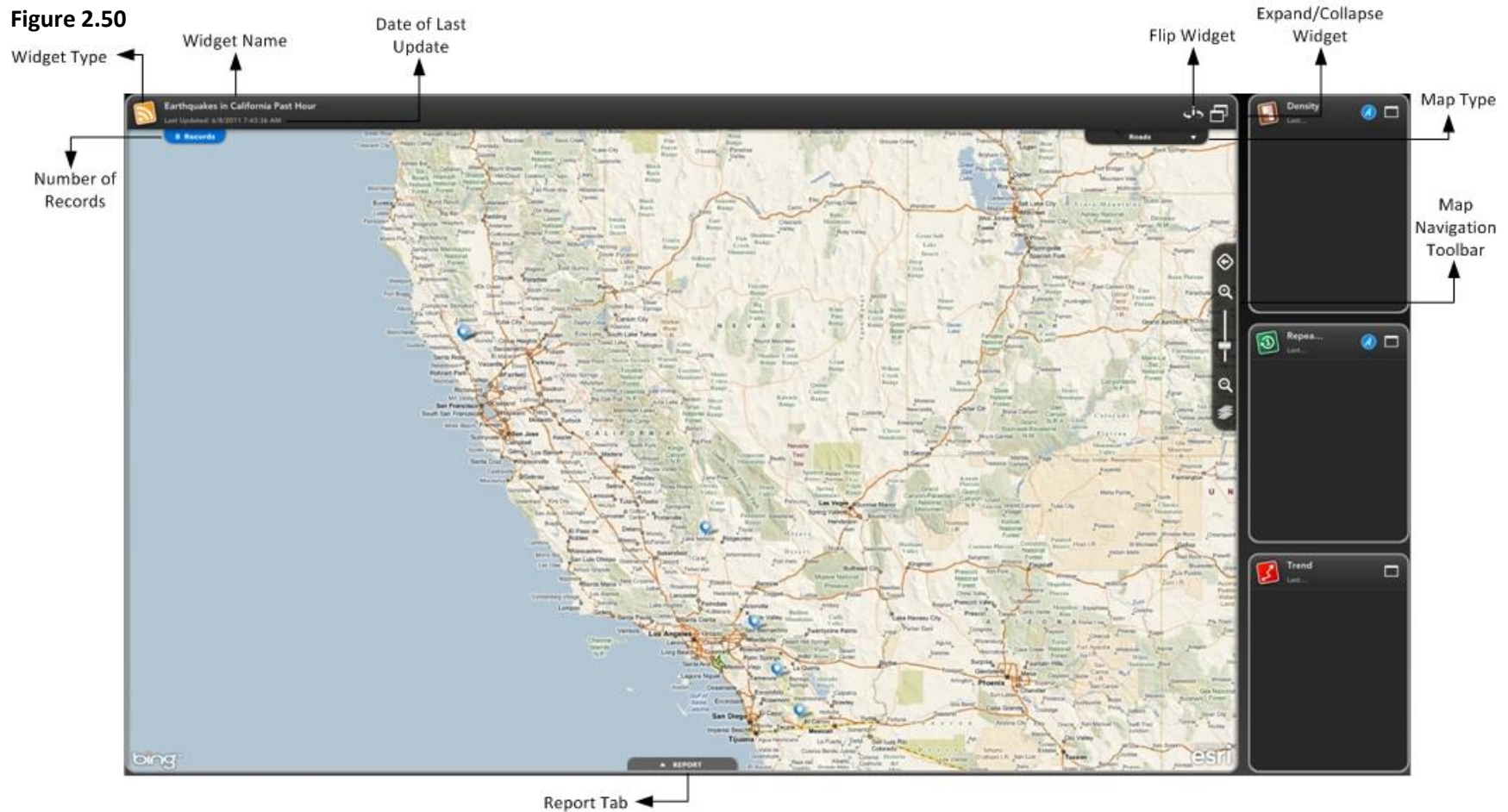
Figure 2.49



top right corner of the widget, located underneath the View Map and Table of Results tabs.

Click on the **window** icon in the upper right hand corner of the widget to Maximize the GeoRSS Widget. Figure 2.50 shows the Maximized GeoRSS Widget with major UI features labeled.

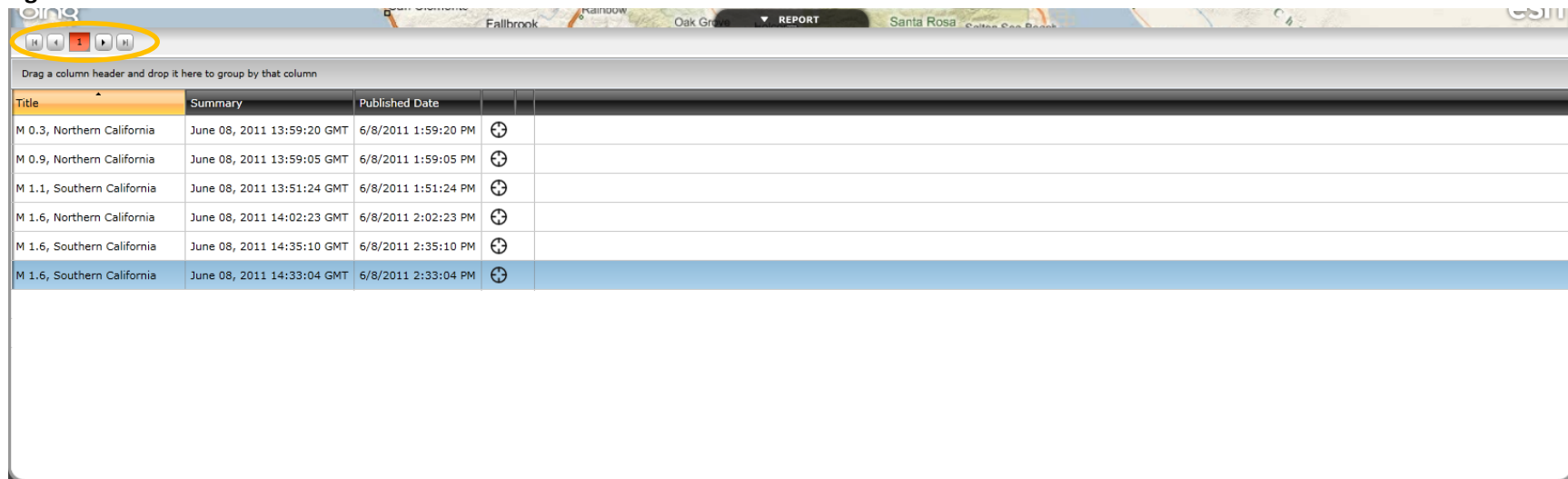
Figure 2.50



As you can see the Maximized GeorSS Widget is very similar to other Maximized widgets. You can see the widget name and the last updated date in the top left corner. The Flip Widget “i” icon and the double windowed **Maximize/Minimize widget** icon (you will recall that when the widget is Maximized this icon changes to the double windowed icon) can be seen in the top right corner. You can see in the top right corner of the map the **Map Type** drop down menu. The options available to you will depend upon your Dashboard’s configuration. The **Map Navigation Toolbar** on the right is also the same. See Figure 2.20 to review the **Map Navigation Toolbar**.

You can see in Figure 2.50 that there is a tab on the bottom of the widget titled **Report**. Click on this tab to expand it. See Figure 2.51.

Figure 2.51



Title	Summary	Published Date	
M 0.3, Northern California	June 08, 2011 13:59:20 GMT	6/8/2011 1:59:20 PM	⊕
M 0.9, Northern California	June 08, 2011 13:59:05 GMT	6/8/2011 1:59:05 PM	⊕
M 1.1, Southern California	June 08, 2011 13:51:24 GMT	6/8/2011 1:51:24 PM	⊕
M 1.6, Northern California	June 08, 2011 14:02:23 GMT	6/8/2011 2:02:23 PM	⊕
M 1.6, Southern California	June 08, 2011 14:35:10 GMT	6/8/2011 2:35:10 PM	⊕
M 1.6, Southern California	June 08, 2011 14:33:04 GMT	6/8/2011 2:33:04 PM	⊕

This tab shows the report from the Table of Results tab of the GeorSS Widget in Minimized size. It shows the same information however there is one additional feature available in the Maximized State. You can use the **black and white circular** icon to zoom to points on the map.

You can also view information about each event by clicking a point on the map. This will bring up a box which will display the same information you see in the Report but for just the point you clicked on. See Figure 2.52.

Figure 2.52

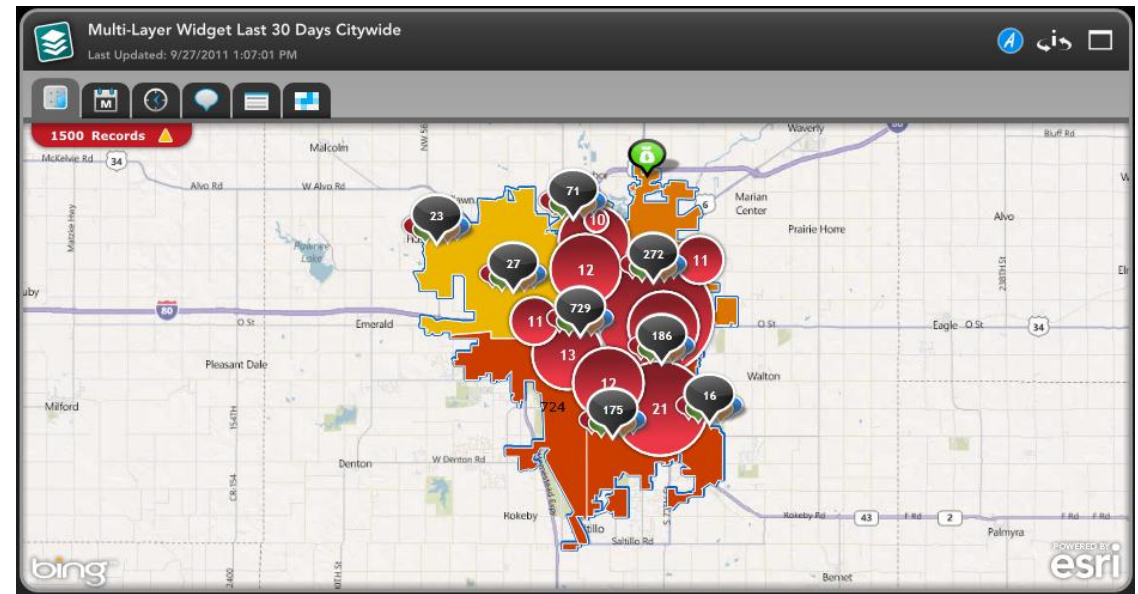
Multi-Layer Widget

The next type of widget in the Dashboard is the Multi-Layer Widget. This widget can display multiple result layer types at once. See Figure 2.53. You can find step by step information on how to create a Multi-Layer Widget in the Administrators and Designers Refresher Tutorial.

You can see that the top of this widget displays information about the Multi-Layer Widget such as the title and time of last update. You can see the Multi-Layer Widget Type icon also. The **flip widget 'i'** icon is on the top right along with the **Maximize/Minimize widget window** icon.

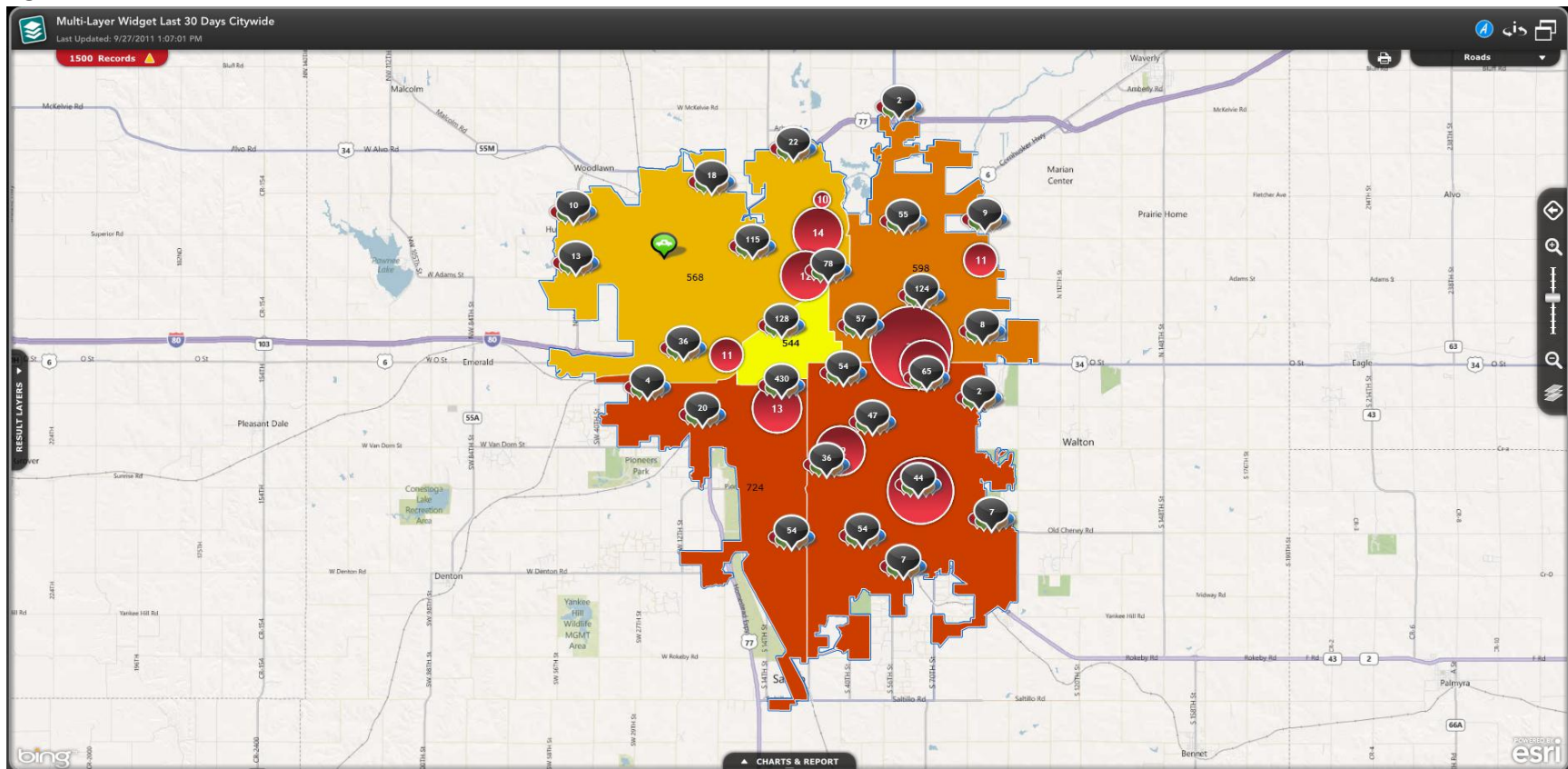
For the Multi-Layer Widget, the tabs beneath the Title will depend upon what type of result layer is the active layer. For a **Pin Map Active Layer**, see the **Filter Widget** on **Pages 15-19**. For a **Repeat Locations Active Layer** see the **Repeat Locations Widget** on **Page 27**. For a **Density Map Active Layer** see the **Density Widget** on **Page 31**.

Figure 2.53



Click on the **window** icon in the upper right hand corner of the widget to Maximize the Multi-Layer Widget. Figure 2.54 shows the Maximized Multi-Layer Widget. Most of the Maximized Multi-Layer Widget's features will depend upon what type of layer the active layer is. For **Pin Map Active Layers**, see **Pages 20-26** on the **Maximized Filter Widget**. For **Repeat Locations Active Layers** see **Pages 28-30** on the **Maximized Repeat Locations Widget**. For **Density Map Active Layers** see **Pages 32-34** on the **Maximized Density Widget**.

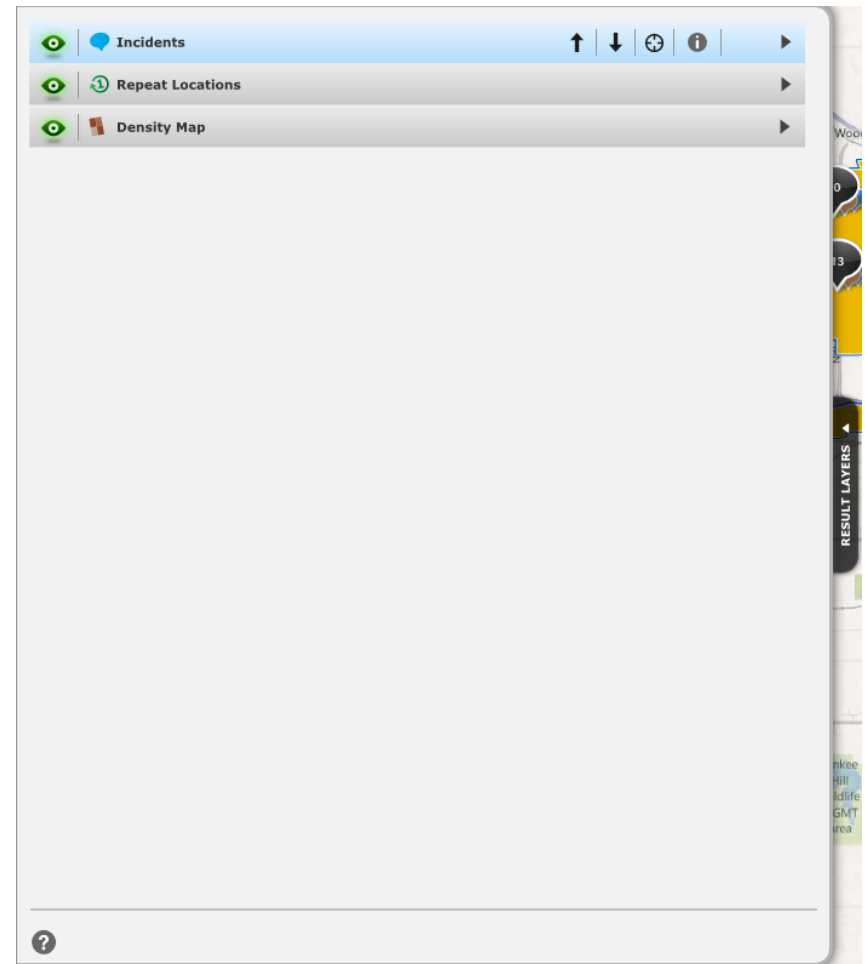
Figure 2.54



One feature of the Maximized Multi-Layer Widget unique to this widget type is the Result Layers tab. This tab can be found on the left side of the Maximized Multi-Layer Widget. From this tab you can manage the layers that are in the widget. Figure 2.55 shows this tab.

This Result Layers tab functions exactly the same as the Result Layer tab in Analysis Mode. See [Page 65](#) to read about the Result Layer tab.

Figure 2.55



Section 3: Analysis Mode

Accessing Analysis Mode

There are five ways to access **Analysis Mode**. The first way to access Analysis Mode is through the Omega Button. See Figure 3.1. Click on the **Switch Application** option to switch to Analysis Mode. You can also return to **Dashboard Mode** by clicking on the Switch Application option under the Omega Button again.

The second way to access Analysis Mode is to click the **Analysis Mode** button in the top right corner of the Dashboard Mode UI. See Figure 3.2. You can return to Dashboard mode by clicking on the **Dashboard** icon located in the top right corner of Analysis Mode. See Figure 3.3.

Figure 3.2

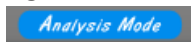


Figure 3.3



Figure 3.1



The third way to access Analysis Mode is to bring a widget into Analysis Mode. This is done by clicking the blue “A” icon in the top right corner of the widget. See Figure 3.4. You can leave Analysis Mode and return to Dashboard Mode by using either of the previous two methods mentioned: clicking on the Switch Application option under the Omega Button or by clicking the Dashboard button in the top right corner of Analysis Mode.

You can also bring a widget into Analysis Mode via the **Library** tab. Click on the Library tab and then click on the blue “A” icon on the right side of the widget name to bring any widget into Analysis Mode, regardless of if that widget is on your page or not. See Figure 3.5.

Figure 3.4

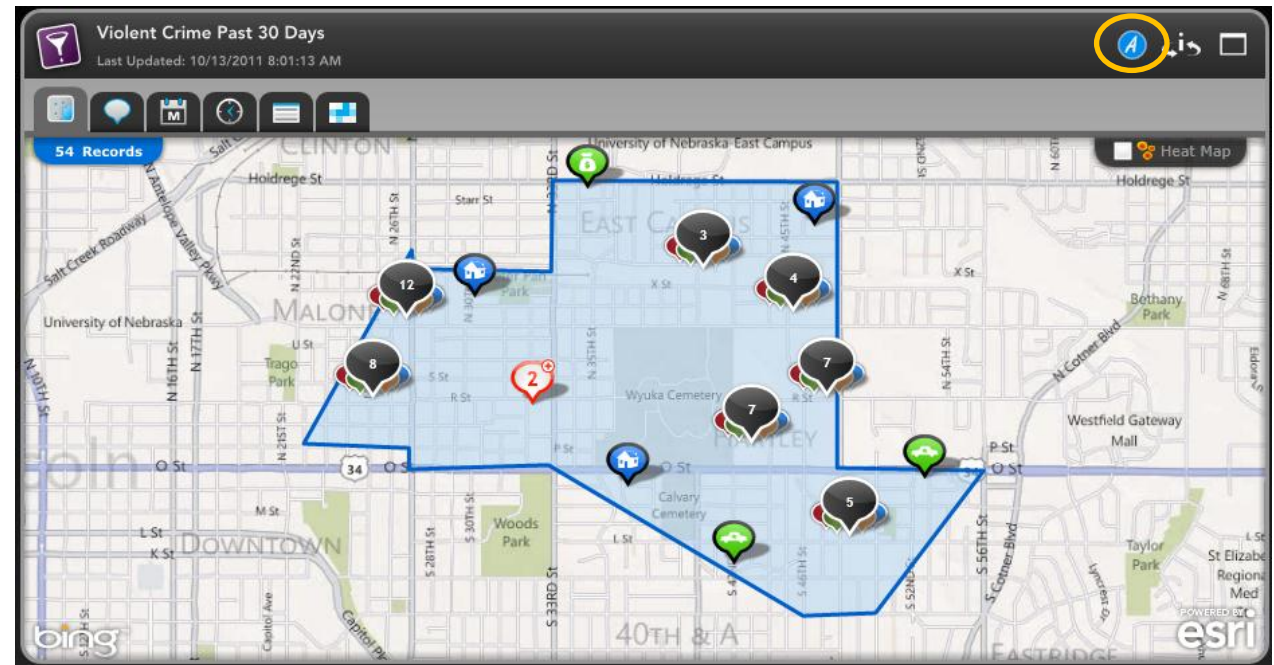
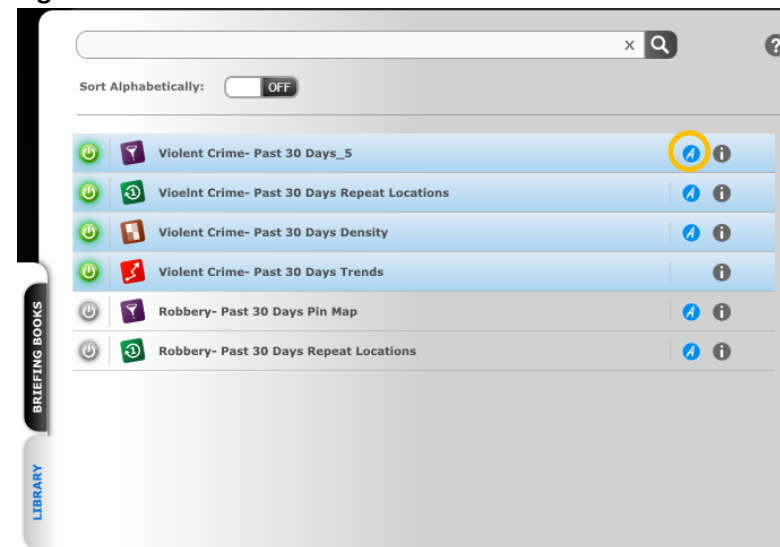


Figure 3.5



The fourth way to access Analysis Mode is through the **Queries on Demand** tab. Click on the **Queries on Demand** tab and expand any **Query Group**. Click the **Go** button on the right side of any query. The query will run and bring you into Analysis Mode. See Figure 3.6.

Figure 3.6

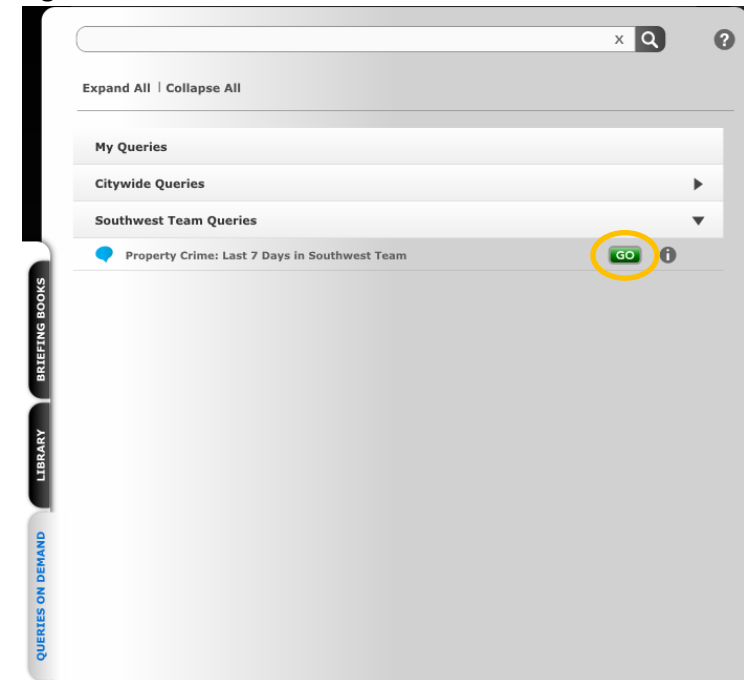
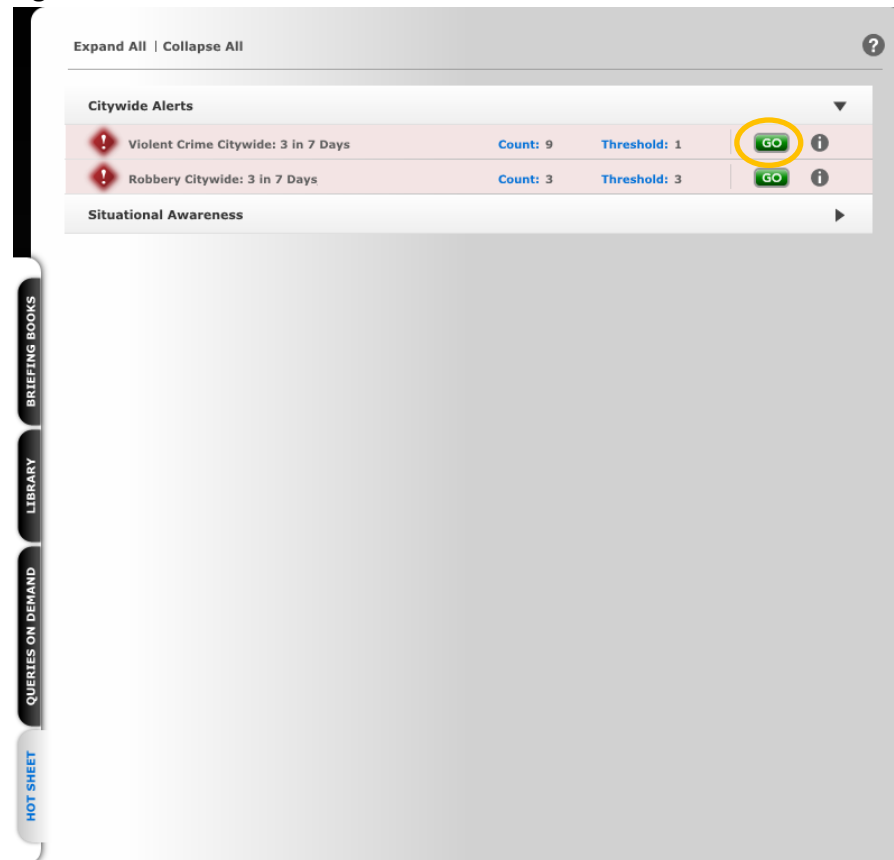


Figure 3.7

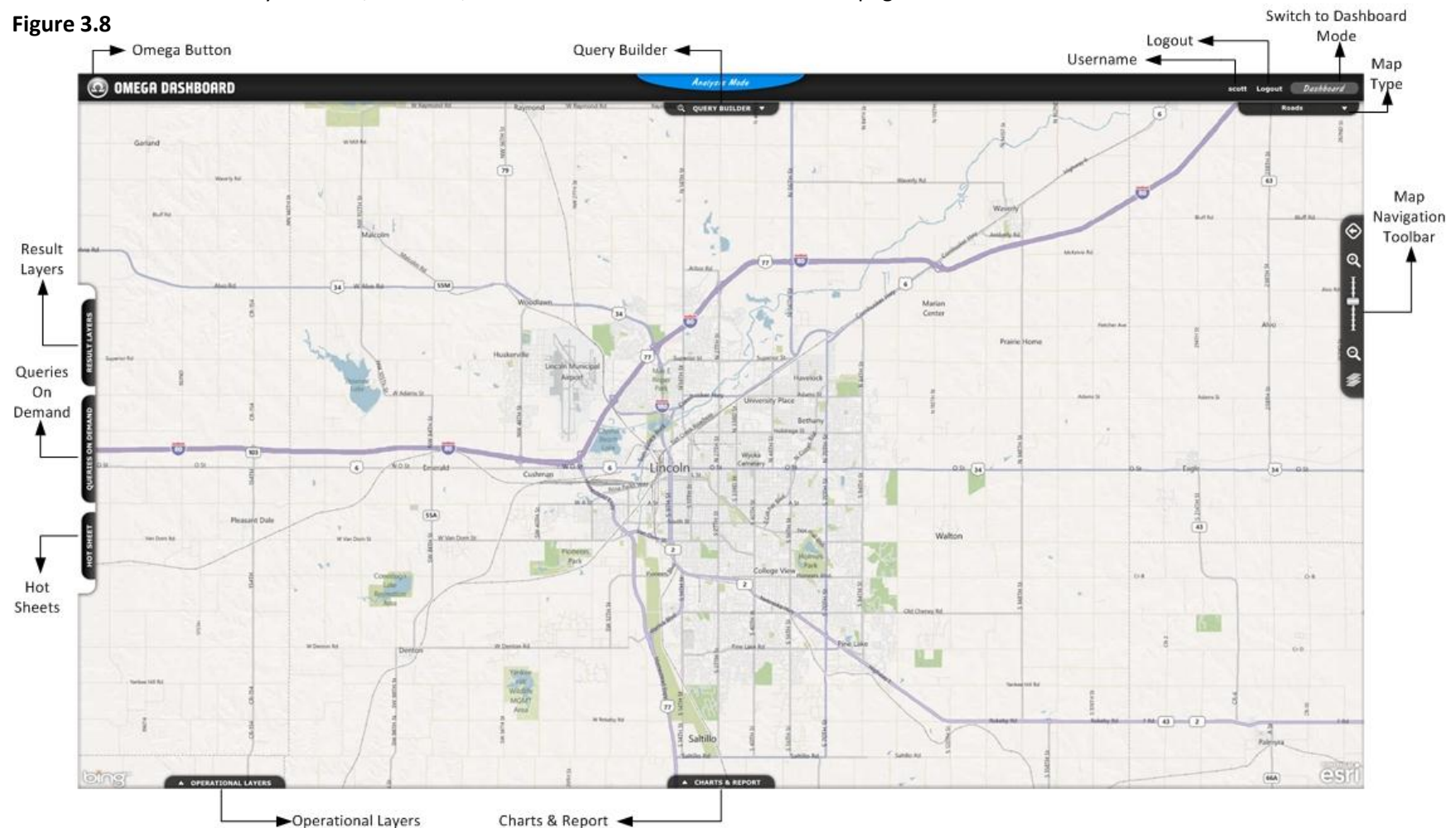


The fifth way to access Analysis Mode is through the **Hot Sheet** tab, click on the **Hot Sheet** tab and expand any **Alert Group**. Click the **Go** button on the right side of any Alert. This will bring you into Analysis Mode and display the Alert. See Figure 3.7.

Overview of Analysis Mode

Go into **Analysis Mode** by either using the **Switch Application** option under the **Omega Button** or by clicking the **Analysis Mode** Button in the top right corner of Dashboard Mode (we do not want data displayed on the map yet so do not bring in a widget or run a query or alert). You can see below in Figure 3.8 the major UI Features of Analysis Mode are labeled. Some of the features are the same as in the Maximized widget view. The **Omega Button**, **Logout** button and **Switch Modes** button are in the same locations. You can also change the **Map Type** in the top right corner of the map, just as you could in the Maximized widget. The **Map Navigation Toolbar** on the right side of the map is the same toolbar as in the Maximized widget. You can review all of these features if you need to in the Filter Widget section of Section 2. There are a number of features exclusive to Analysis Mode, however, which will be reviewed in the next few pages.

Figure 3.8



Query Builder

The **Query Builder** lets you create your own data queries and display them on the map. The **Result Type** drop down menu lets you choose how the results appear on the map. The **Pin Map** option will display the results as a pin

map. The **Repeat Locations** option will display the results as repeat locations. The **Density Map** option will display the results as a density map. See Figure 3.9.

In the following pages you will work through three scenarios in which you will build a **Pin Map** query, a **Repeat Locations** query and a **Density Map** query.

Figure 3.9



Scenario 1: Building a Pin Map Query.

In this scenario we will be building a Pin Map Query for Violent Part 1 Crime Incidents that occurred in the entire jurisdiction in the last 30 days - all days and times.

1. Click on the **Query Builder** tab.
2. Select **Pin Map** from the **Result Type** drop down menu. See Figure 3.10.
3. Click on the **What** tab.
4. Select one of the query layers. e.g. **Crimes** -> **Crime Part 1 Category** -> **Violent Part 1 Crime**.
5. Click the **Where** tab. See Figure 3.11.
6. You have five geographical search options to choose from under **Search by Location Type**
 - a. Click on **Within a Boundary**. Use the **Choose Geography Type** drop down menu to choose the geographic boundary to search within. Choose the features to search within such as **Team Areas** -> **Center Team**. See Figure 3.11.

Figure 3.10

The screenshot shows the CrimeView Query Builder interface. The top navigation bar includes 'RESULT TYPE: Pin Map', 'GO', 'WHAT', 'WHERE', 'WHEN', and 'OPTIONS'. The 'What' tab is active, displaying 'Query Layer: CRIMES' and 'Queries: (Violent Part 1 Crime)'. The 'Where' section shows 'Search Type: Within a Boundary' and 'Geography Type: Team Areas'. The 'When' section shows 'Date/Time Group: REPORT DATE' and 'Start Date: 4/21/2011'. The 'Select Query Layer' panel shows 'CALLS FOR SERVICE' and 'CRIMES'. The 'Select One or More Saved Queries' panel shows 'CRIME PART 1 CATEGORY' with 'Violent Part 1 Crime' selected.

Figure 3.11

The screenshot shows the CrimeView Query Builder interface with the 'Where' tab active. The 'Result Type' is 'Pin Map'. The 'What' section shows 'Query Layer: Incidents' and 'Queries: (Violent Part 1 Crimes)'. The 'Where' section shows 'Search Type: Within a Boundary' and 'Geography Type: Teams'. The 'When' section shows 'Date/Time Group: REPORT DATE' and 'Start Date: 6/2/2011'. The 'Search by Location Type' panel shows 'Within a Boundary' selected. The 'Choose Geography Type' panel shows 'Teams' selected. The 'Choose One or More Features' panel shows 'Center Team' selected.

- b. Click on **Within a User Defined Boundary**. See Figure 3.12. This will allow you to draw your own polygon boundary. Click on the **Create Boundary** button to draw your boundary. You will be brought to the map and will see the **User Defined Boundary Toolbar** at the top. You can pan the map with the arrow keys on your keyboard and zoom in or out using the Map Navigation Toolbar. To draw a Boundary, click on the map. You can then click again to draw each side of your polygon. Double click to close your polygon. Clicking **Cancel** will bring you back to the Query Builder. Clicking **Redraw** will allow you to redraw your polygon. Clicking **Finish** will accept the polygon that you just drew. See Figure 3.13. If you want to redraw your boundary after you have accepted it, there will be a Redraw Boundary button where the Create Boundary button was previously. This will bring you back to the map and let you redraw your boundary.

Figure 3.12

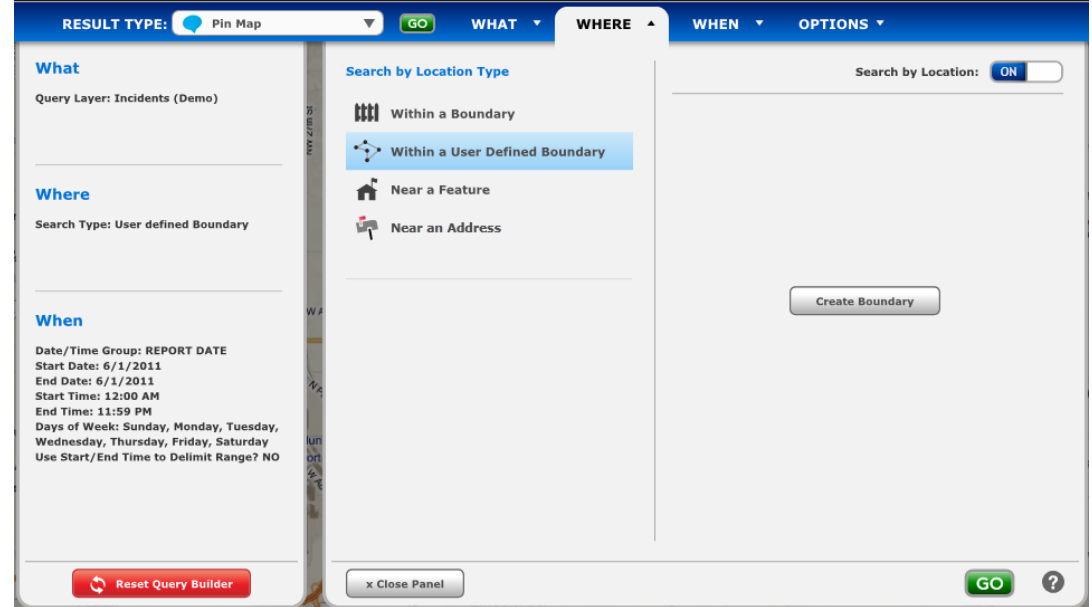
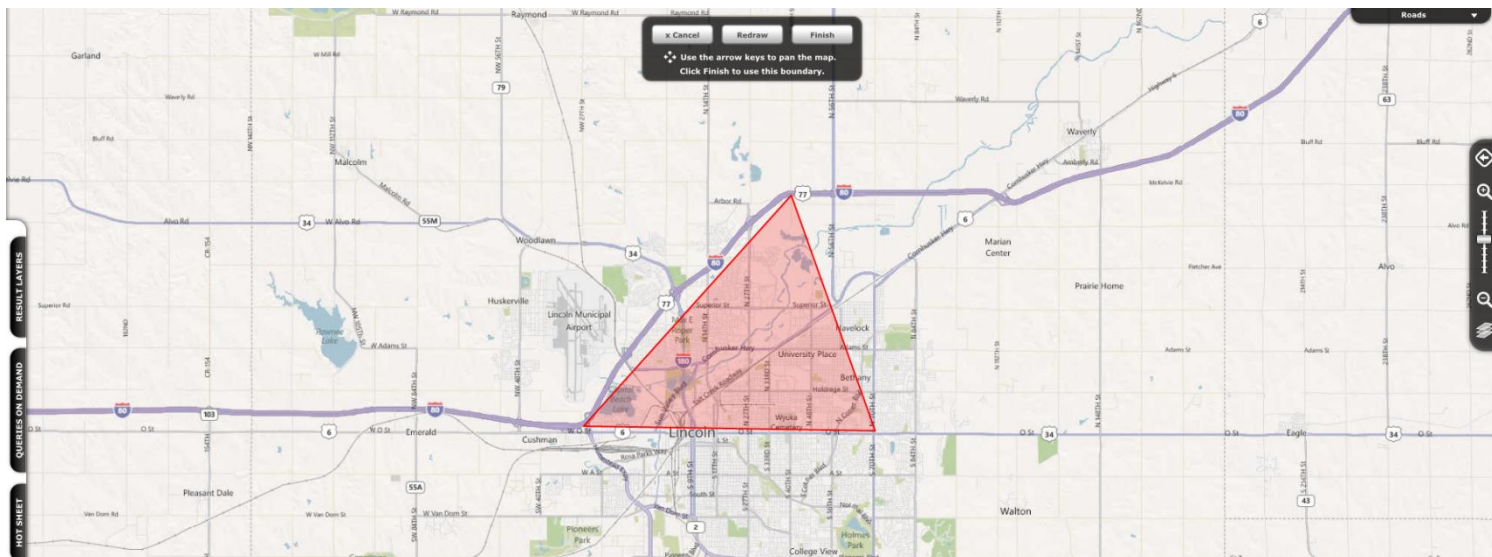


Figure 3.13



- c. Click on **Near a Feature**. Use the **Choose Geography Type** drop down menu to choose the geographic boundary to search within. Choose the **Search Radius** distance that you would like to use to search around the feature. See Figure 3.14.
- d. Click on **Near An Address**. Enter an address in the **Search Bar** such as your work address. You can select the **Search Radius** distance that you would like to use to search around address. See Figure 3.15.
- e. Turn off **Search by Location** by clicking the **On/Off** button in the top right corner of the **Where** tab. See Figure 3.16.

Figure 3.14

The screenshot shows the 'Where' tab of the CrimeView Dashboard. The 'Search by Location Type' section has 'Near a Feature' selected. The 'Choose Geography Type' dropdown is set to 'Schools'. The 'Search Radius' is set to '1 Mile'. On the right, a list of schools is shown, with 'Beattie Elementary School' selected. The 'Search by Location' toggle is turned 'ON'.

Figure 3.15

The screenshot shows the 'Where' tab of the CrimeView Dashboard. The 'Search by Location Type' section has 'Near an Address' selected. The 'Search Bar' contains the address '345 S Cotner Blvd, Lincoln, NE 68510-2103'. The 'Search Radius' is set to '1 Mile'. The 'Search by Location' toggle is turned 'ON'.

Figure 3.16

A close-up of the 'Search by Location' toggle switch, which is currently turned 'ON'.

7. We will search **Within a Boundary**. Choose to search within your agency's entire jurisdiction.
8. Click on the **When** tab. See Figure 3.17.
9. Choose the **Date/Time Group** from the drop down menu. Pick **Report Date** or **Occurred Date**.
10. Choose the dates to search. Use the **Predefined Dates** drop down menu to choose **Last 30 Days**.
11. Choose the **Days of Week** to search. Click the **All Days** button to search every day of the week.
12. Choose the times to search. Use the **Predefined Times** drop down menu to choose **All Times**.
13. Click the radio button next to **Use Time Range Sliced Across Dates**.
14. Click on the **Options** tab. See Figure 3.18.
15. In the **Result Layer Name** box type **Omega Training Pin Map Query**.
16. Click **Go**.

Figure 3.17

RESULT TYPE: Pin Map **GO** **WHAT** **WHERE** **WHEN** **OPTIONS**

What
Query Layer: CRIMES
Queries: (Violent Part 1 Crime)

Where
Search Type: Within a Boundary
Geography Type: Team Areas
Features: Center Team

When
Date/Time Group: REPORT DATE
Start Date: 3/22/2011
End Date: 4/20/2011
Start Time: 12:00 AM
End Time: 11:59 PM
Days of Week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday
Use Start/End Time to Delimit Range? NO

Predefined Dates Last 30 Days **Previous** Duration Units

March, 2011 April, 2011

Start Date 3/22/2011
End Date 4/20/2011

Days of Week
All Days Weekends Weekdays ☒ Sun ☒ Mon ☒ Tue ☒ Wed ☒ Thu ☒ Fri ☒ Sat

Predefined Times
All Times Start Time 00 : 00 End Time 23 : 59

Time Range Usage
☒ Use Time Range Sliced Across Dates ☐ Use Start and End Time to Delimit Range

Reset Query Builder **x Close Panel** **GO** ?

Figure 3.18

RESULT TYPE: Pin Map **GO** **WHAT** **WHERE** **WHEN** **OPTIONS**

What
Query Layer: CRIMES
Queries: (Violent Part 1 Crime)

Where
Search Type: Near an Address
Search Radius: 1 Mile

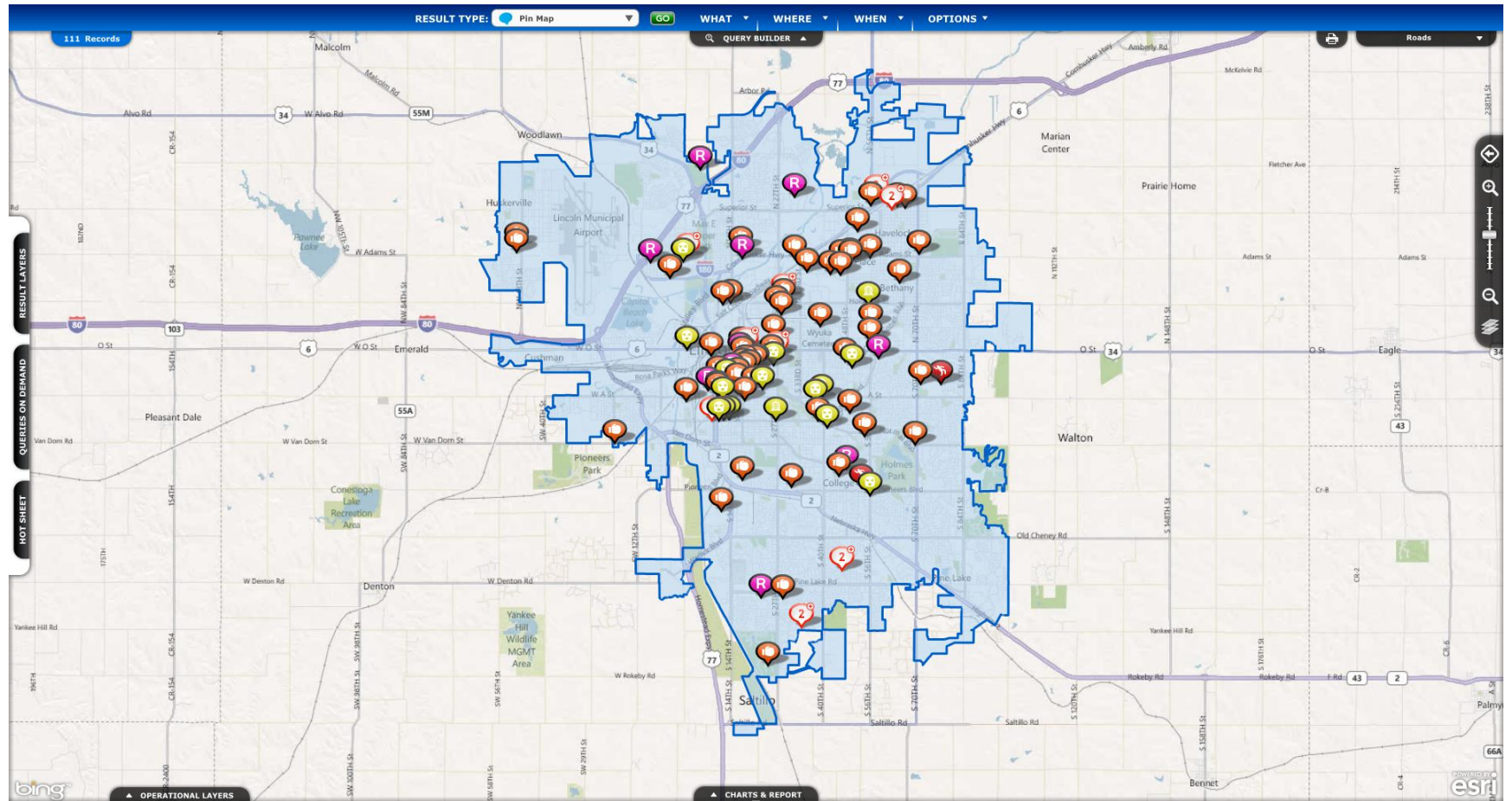
When
Date/Time Group: REPORT DATE
Start Date: 3/22/2011
End Date: 4/20/2011
Start Time: 12:00 AM
End Time: 11:59 PM
Days of Week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday
Use Start/End Time to Delimit Range? NO

Result Layer Name
Omega Training Pin Map Query

Reset Query Builder **x Close Panel** **GO** ?

17. Your results should look similar to Figure 3.19.
18. When a **Pin Map Result Layer** is the **active layer** in Analysis Mode, you have the ability to print.
19. The **Print** icon in the top right corner of the Map will allow you to print certain features of the results. To review Printing, see [Page 20](#).

Figure 3.19



Scenario 2: Building a Repeat Locations Query.

In this scenario, we will be building a Repeat Locations Query for the top 10 Violent Part 1 Crimes Repeat Locations for the entire jurisdiction in the last 30 days - all days and times.

1. Click on the **Query Builder** tab.
2. Select **Repeat Locations** from the **Result Type** drop down menu.
3. Click on the **What** tab. See Figure 3.20.
4. Select one of the layers. E.g. **Crimes -> Crime Part 1 Category -> Violent Part 1 Crime**.
5. Click the **Where** tab. See Figure 3.21.
6. You should select one of the following three options on the **Where** tab.
 - a. Click on **Within a Boundary**. Use the **Choose Geography Type** drop down menu to choose the geographic boundary to search within. Choose the features to search within such as **Team Areas- > Center Team**. See Figure 3. 21.

Figure 3.20

Figure 3.21

- b. Click on **Within a User Defined Boundary**. See Figure 3.22. This will allow you to draw your own polygon boundary. Click on the **Create Boundary** button to draw your boundary. You will be brought to the map and will see the **User Defined Boundary Toolbar** at the top. You can pan the map with the arrow keys on your keyboard and zoom in or out using the Map Navigation Toolbar. To draw a Boundary, click on the map. You can then click again to draw each side of your polygon. Double click to close your polygon. Clicking **Cancel** will bring you back to the Query Builder. Clicking **Redraw** will allow you to redraw your polygon. Clicking **Finish** will accept the polygon that you just drew. See Figure 3.23. If you want to redraw your boundary after you have accepted it, there will be a Redraw Boundary button where the Create Boundary button was previously. This will bring you back to the map and let you redraw your boundary.

Figure 3.22

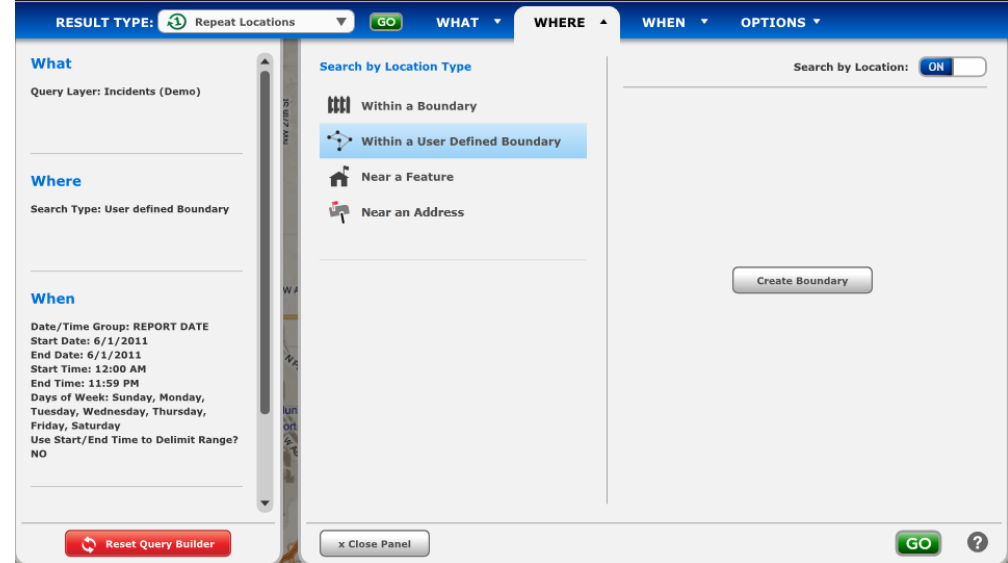
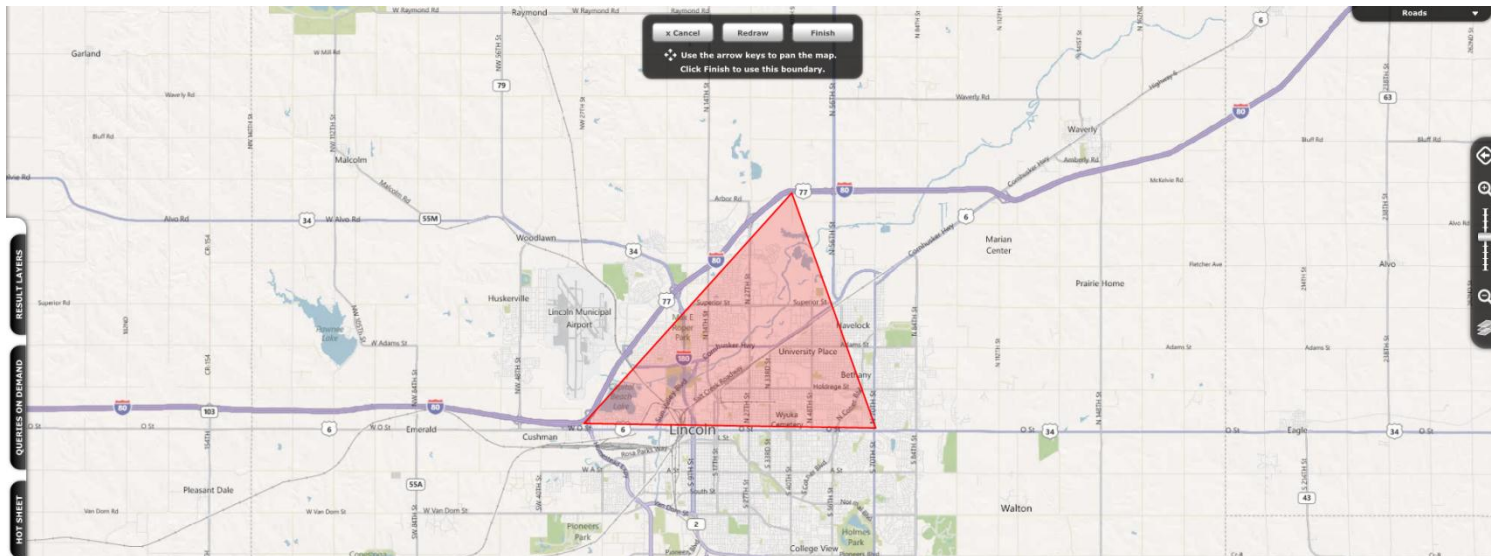


Figure 3.23



- c. Turn off **Search by Location** by clicking the **On/Off** button in the top right corner of the **Where** tab. See Figure 3.22.
7. We will turn off **Search by Location**. Click the **On/Off** button in the top right corner of the **Where** tab to do so.
8. Click on the **When** tab. See Figure 3.24.
9. Choose the **Date/Time Group** from the drop down menu. Pick **Report Date** or **Occurred Date**.
10. Choose the dates to search. Use the **Predefined Dates** drop down menu to choose **Last 30 Days**.
11. Choose the **Days of Week** to search. Click the **All Days** button to search every day of the week.
12. Choose the times to search. Use the **Predefined Times** drop down to choose **All Times**.
13. Click the radio button next to **Use Time Range Sliced Across Dates**.
14. Click on the **Options** tab. See Figure 3.25.
15. In the **Result Layer Name** box type **Omega Training Repeat Locations Query**.
16. Set the **Min. # of Points** to 2.
17. Check the **Display Only Top "X" Locations** box and type 10 into the dialogue box.
18. Enter 5 in the **Set # of Breaks** box.
19. Leave red as the Fill Color.

Figure 3.24

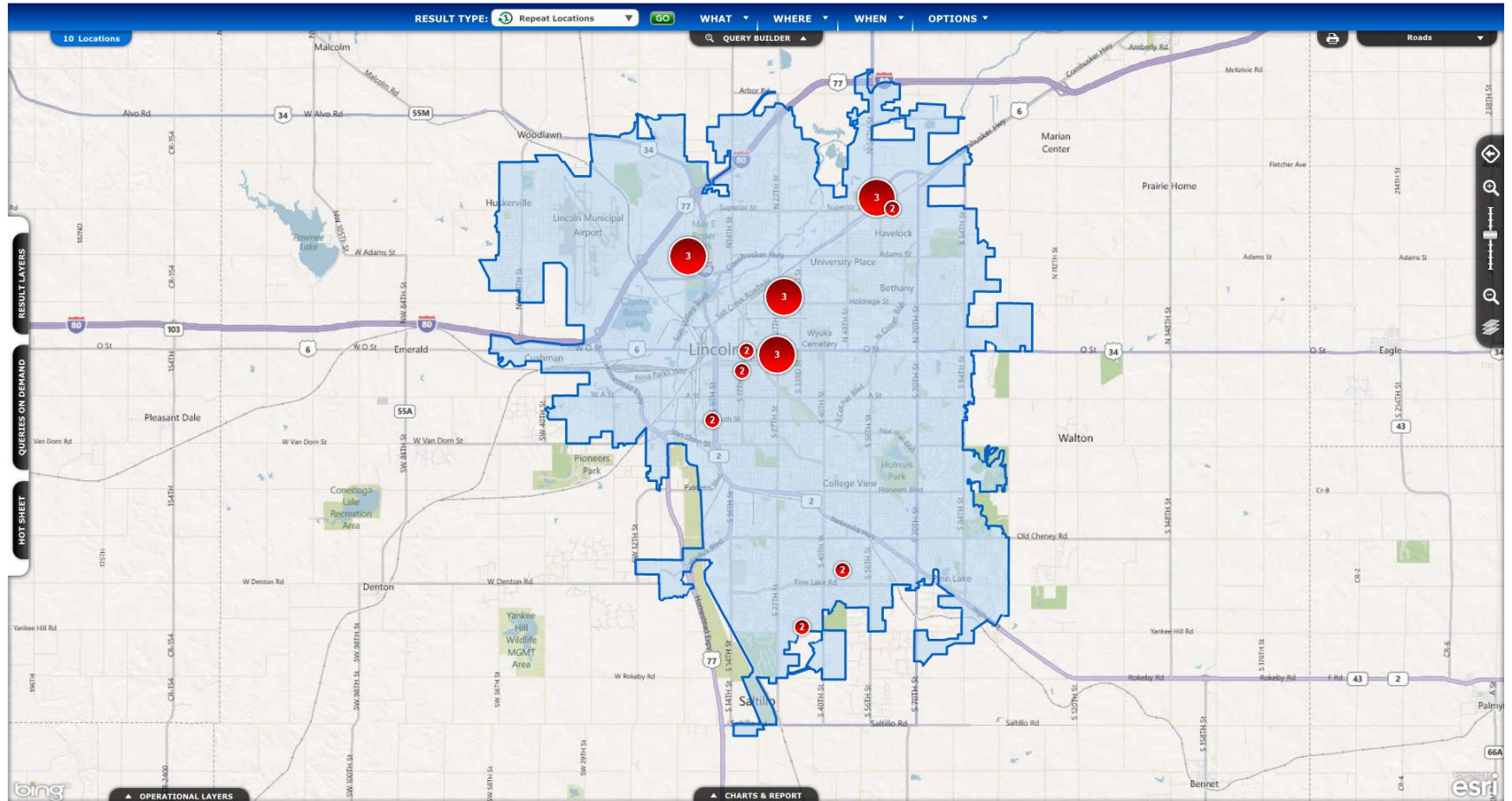
The screenshot shows the 'When' tab configuration in the CrimeView Dashboard. The interface includes a sidebar with 'What', 'Where', and 'When' sections. The 'When' section is active, showing the 'Date/Time Group' set to 'REPORT DATE'. The 'Predefined Dates' dropdown is set to 'Last 30 Days', displaying a calendar for March and April 2011. The 'Start Date' is 3/22/2011 and the 'End Date' is 4/20/2011. The 'Days of Week' section shows 'All Days' selected. The 'Predefined Times' dropdown is set to 'All Times', with 'Start Time' at 00:00 and 'End Time' at 23:59. The 'Time Range Usage' section has the radio button for 'Use Time Range Sliced Across Dates' selected. At the bottom, there is a 'Reset Query Builder' button and a 'Close Panel' button.

Figure 3.25

The screenshot shows the 'Options' tab configuration in the CrimeView Dashboard. The 'Result Layer Name' is set to 'Repeat Locations'. The 'Fill Color' is set to red. The 'Min. # of Points' is set to 2. The 'Display Only Top "X" Locations' checkbox is checked, with the value 10 entered in the adjacent box. The 'Set # of Breaks' is set to 5. The 'Minimum Symbol Size' is set to 22 pixels, and the 'Maximum Symbol Size' is set to 100 pixels. A large red circle with the number 100 is visible on the right side of the panel. At the bottom, there is a 'Reset Query Builder' button and a 'Close Panel' button.

20. Keep the **Minimum Symbol Size** at **22**.
21. Keep the **Maximum Symbol Size** at **100**.
22. Click **Go**.
23. Your results should look similar to Figure 3.26.

Figure 3.26



Scenario 3: Building a Density Query.

In this scenario we will be building a Density Query for Violent Part 1 Crimes by Team Area in the last 30 days - all days and times.

1. Click on the **Query Builder** tab.
2. Select **Density Map** from the **Result Type** drop down menu.
3. Click on the **What** tab. See Figure 3.27.
4. Select one of the layers. e.g. **Crimes** -> **Crime Part 1 Category** -> **Violent Part 1 Crime**.
5. Click the **Where** tab. See Figure 3.28.
6. You have three options to choose from on the Where tab.
 - a. **Note:** What you select on the Where tab will enable you to further break down your Density Map based upon the Boundary you select on the Options tab. You should first set your Boundary on the Options tab before choosing features on the Where tab.
 - b. Click on **Within a Boundary**. Use the **Choose Geography Type** drop down menu to choose the geographic boundary to search within. Choose the features to search within such as **Team Areas** -> **Center Team**. See Figure 3.28.

Figure 3.27

Figure 3.28

- c. Click on **Within a User Defined Boundary**. See Figure 3.29. This will allow you to draw your own polygon boundary. Click on the **Create Boundary** button to draw your boundary. You will be brought to the map and will see the **User Defined Boundary Toolbar** at the top. You can pan the map with the arrow keys on your keyboard and zoom in or out using the Map Navigation Toolbar. To draw a Boundary, click on the map. You can then click again to draw each side of your polygon. Double click to close your polygon. Clicking **Cancel** will bring you back to the Query Builder. Clicking **Redraw** will allow you to redraw your polygon. Clicking **Finish** will accept the polygon that you just drew. See Figure 3.30. If you want to redraw your boundary after you have accepted it, there will be a Redraw Boundary button where the Create Boundary button was previously. This will bring you back to the map and let you redraw your boundary.

Figure 3.29

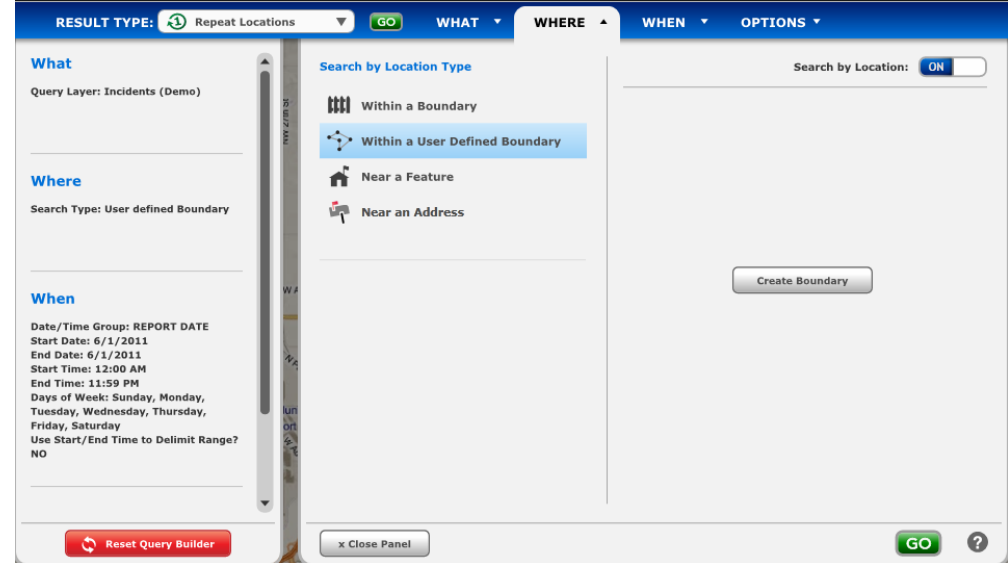
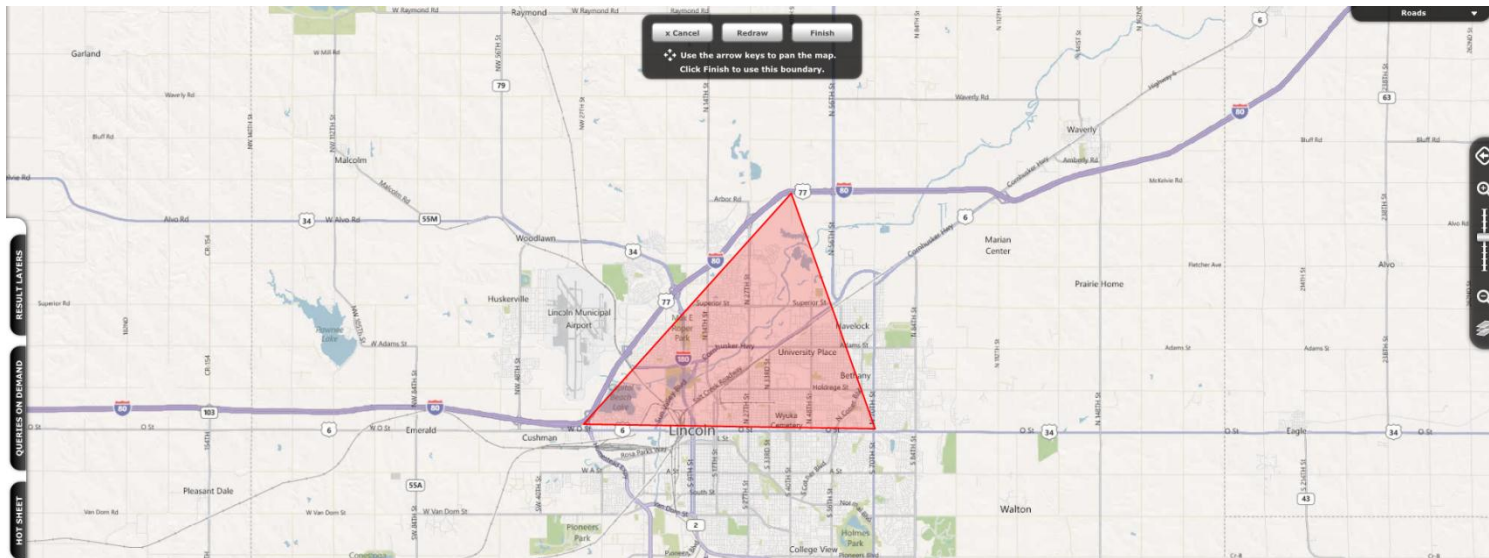


Figure 3.30



- d. Turn off **Search by Location** by clicking the **On/Off** button in the top right corner of the Where tab. See Figure 3.29.
7. We will turn off **Search by Location**. Click the **On/Off** button in the top right corner of the Where tab to do so.
8. Click on the **When** tab. See Figure 3.31.
9. Choose the **Date/Time Group** from the drop down menu. Pick **Report Date** or **Occurred Date**.
10. Choose the dates to search. Use the **Predefined Dates** drop down menu to choose **Last 30 Days**.
11. Choose the **Days of Week** to search. Click the **All Days** button to search every day of the week.
12. Choose the times to search. Use the **Predefined Times** drop down to choose **All Times**.
13. Click the radio button next to **Use Time Range Sliced Across Dates**.

Figure 3.31

The screenshot shows the 'When' tab of the CrimeView Dashboard. The interface is divided into several sections:

- Header:** Includes 'RESULT TYPE: Density Map', a 'GO' button, and tabs for 'WHAT', 'WHERE', 'WHEN' (selected), and 'OPTIONS'.
- What Section:** Displays 'Query Layer: CRIMES' and 'Queries: (Violent Part 1 Crime)'.
- Where Section:** Shows 'Search Type: Within a Boundary', 'Geography Type: Team Areas', and 'Features: Center Team'.
- When Section:**
 - Date/Time Group:** A dropdown menu set to 'REPORT DATE'.
 - Predefined Dates:** A dropdown menu set to 'Last 30 Days'.
 - Calendar:** Displays two calendar grids for March and April 2011. The date 3/22/2011 is highlighted as the 'Start Date' and 4/20/2011 as the 'End Date'.
 - Days of Week:** A row of buttons for 'All Days', 'Weekends', and 'Weekdays', followed by checkboxes for each day of the week (Sun, Mon, Tue, Wed, Thu, Fri, Sat), all of which are checked.
 - Predefined Times:** A dropdown menu set to 'All Times'.
 - Time Range Usage:** Two radio buttons. The first, 'Use Time Range Sliced Across Dates', is selected. The second is 'Use Start and End Time to Delimit Range'.
- Footer:** Includes a 'Reset Query Builder' button, a 'Close Panel' button, a 'GO' button, and a help icon.

14. Click on the **Options** tab. See Figure 3.32.
15. There are two tabs, **Boundary Layer** and **Legend**. In the **Boundary Layer** tab, select the **Boundary Layer** you would like to break the Density Map up by from the drop down (e.g. **Team Areas**).
16. Choose the **Boundary Selection Method**. Click the **Use Spatial Filter** radio button. Make sure the **Centroid** radio button is clicked.
17. Click the **Legend** tab.
18. In the **Result Layer Name** box type **Omega Training Density Query**.
19. Choose to **Display by Density**.
20. Leave the default **Legend** color scheme.
21. Type **5** in the **Set # of Breaks** box.
22. Click **Go**.

Figure 3.32

The screenshot displays the 'Options' panel of the CrimeView Dashboard. The panel is divided into two main sections: 'Boundary Layer' and 'Legend'.

Boundary Layer Section:

- Boundary Layer:** A dropdown menu is set to 'Team Areas'.
- Boundary Selection Method:** Radio buttons are present for 'Use Spatial Filter' (selected), 'Are Within', 'Centroid', 'Select Features to Include', and 'Select All Features'.

Legend Section:

- Result Layer Name:** An empty text input field.
- Legend:** A color scheme dropdown is set to 'Red'.
- Transparency:** A slider is positioned at 80%.
- Set # of breaks:** A dropdown menu is set to '5'.
- Display by:** Radio buttons are present for 'Density' (selected) and 'Count'.

Left Panel (Query Builder):

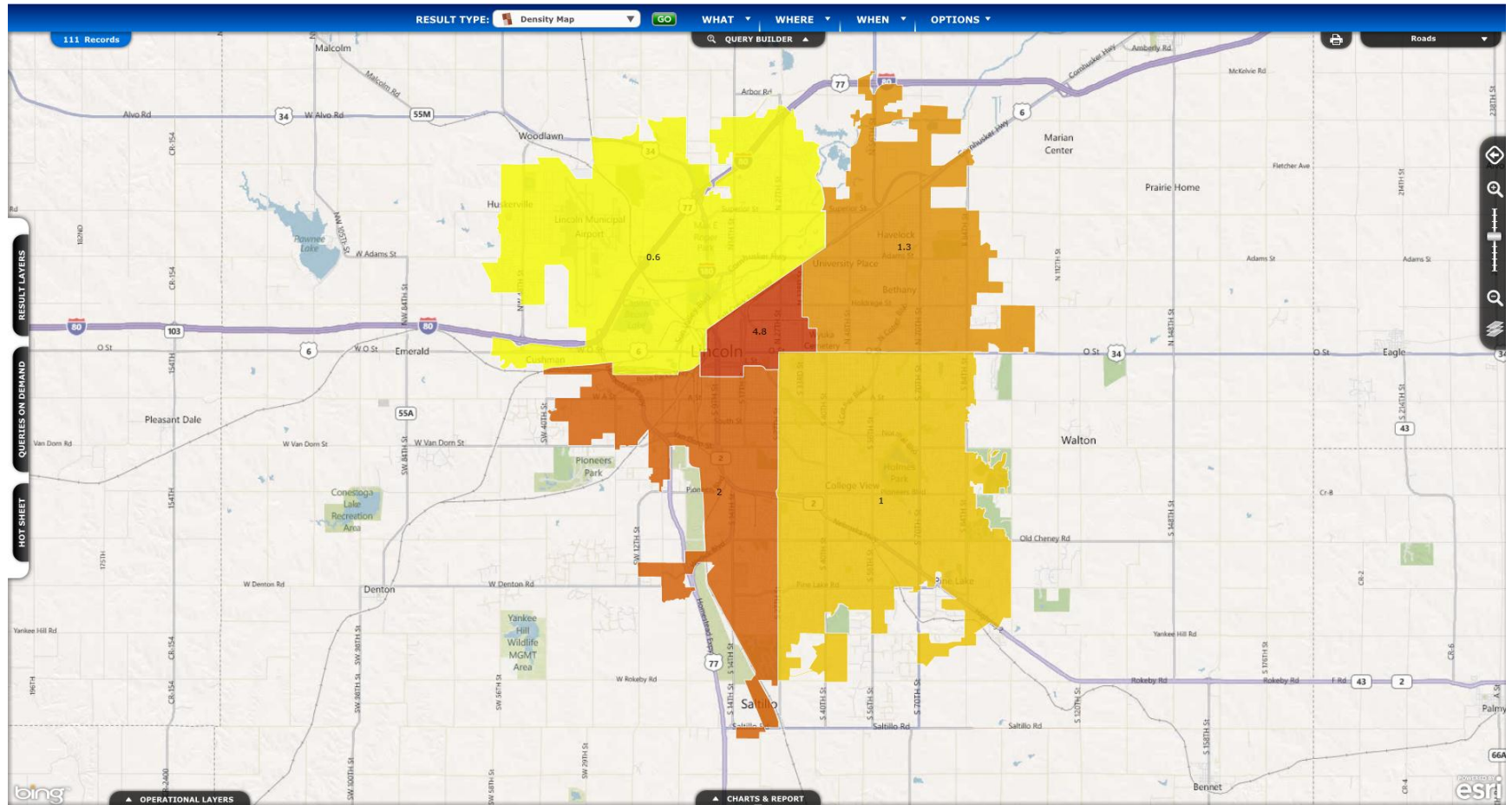
- RESULT TYPE:** Density Map
- WHAT:** CRIMES (Violent Part 1 Crime)
- WHERE:** Search Type: Within a Boundary; Geography Type: Team Areas; Features: Center Team
- WHEN:** Date/Time Group: REPORT DATE; Start Date: 3/22/2011; End Date: 4/20/2011; Start Time: 12:00 AM; End Time: 11:59 PM; Days of Week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday; Use Start/End Time to Delimit Range? NO

Buttons:

- GO:** Green button at the bottom right of the main panel.
- Reset Query Builder:** Red button at the bottom left of the left panel.
- x Close Panel:** Grey button at the bottom of the main panel.

23. Your results should look similar to Figure 3.33.

Figure 3.33



While in the **Query Builder**, you can see the parameters of your query as you build it in the box to the left of your open tab in the Query Builder. You can reset a query at any time using the **Reset Query Builder** button. See Figure 3.34.

Figure 3.34



Result Layers Tab

The **Result Layers** tab displays the resulting layers of your query. It will also display the results layer of a widget you have brought into Analysis Mode, a Query on Demand you run, or an Alert you view. The **eye** icon will be green if the layer is currently being displayed on the map. To display a layer, click on the **eye** icon. To stop displaying a layer, click on the **eye** icon once more. The **up and down arrows** let you move a layer up or down. The top most result layer will display on top of the other layers on the map. The **circular zoom icon** lets you zoom to the layers results. The grey **"i"** icon displays information about the layer including **Name**, **Date Updated** and **Geocoding Matchrate**. You can delete a layer by clicking the red **Delete** icon. You can also delete all layers at once by clicking the **Delete All Layers** button. See Figure 3.35.

You can **expand the layer** by clicking on the arrow on the far right side of the layer. You can now set up some different options for the layer. Depending on if you have a Pin Map, Repeat Locations, or Density Map, you will see different options. Figure 3.35 shows the Pin Map Result Layer options. You can set the **Transparency** of the Pin Map using the slider. You can turn the Pin Map **On or Off**. You can also set the transparency for the **Heat Map** using the slider. You can turn the Heat Map **On or Off**. You can expand the **Advanced Settings** by clicking the arrow. Here you can set the legend type by using the **Set Legend Type** drop down. You can also use the **Use Date/Time Group** drop down to choose a Date/Time group.

Figure 3.35

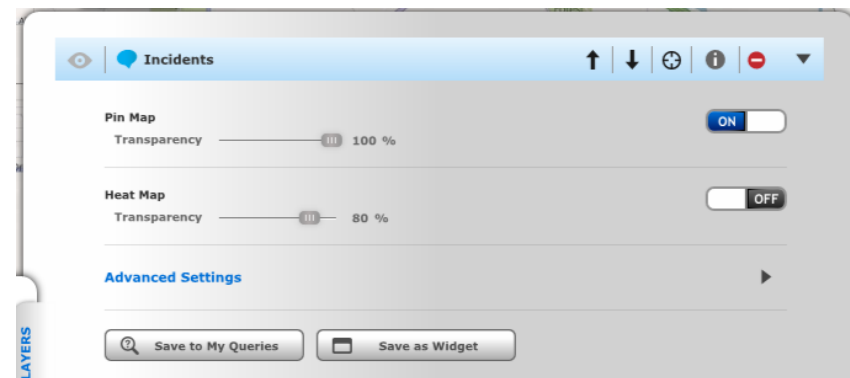


Figure 3.36 shows the Repeat Locations Result Layer options. You can set the **transparency** of the repeat locations by using the slider.

Figure 3.36

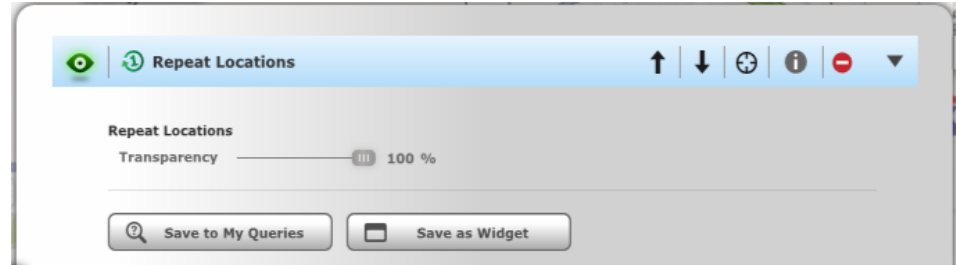


Figure 3.37 shows the Density Map Result Layer options. You can set the **transparency** of the results by using the slider underneath **Results**. You can set the display results by choosing from the **Display Results By** drop down menu. Your two options will be **Count** or **Density**. You can turn labels on or off by using the **Display Labels On/Off** button.

Figure 3.37



To save any layer to your queries click on the **Save to My Queries** button (Note: Only Designers or Administrators can save and depending on your Dashboard's configuration, Standard users may also have this option available). See Figure 3.38. When the wizard displays you can click **Validate** and then click **Save QOD** to save the query.

You will also notice a button that will allow you to save the query as a widget. The **Save as Widget** button is next to the Save to My Queries button. (Note: Only Designers or Administrators can save.) When you click on the **Save as Widget** button it will bring up the **Create Widget** dialogue box. See Figure 3.39. Choose the Briefing Book you would like the widget to be placed in using the **Select Briefing Book** drop down menu. Click the **Validate** button and then the **Save Widget** button to save your widget.

Figure 3.38

The 'Create My Query On Demand' dialog box features a top navigation bar with tabs: WHAT (selected), WHERE, WHEN, and OPTIONS. The main area is divided into three panels. The left panel, 'Select Query Type', shows a dropdown menu with 'Pin Map' selected. Below it is a text input field for 'Query on Demand Name' containing 'Violent Crime Last 30 Days' with a 'max 150 char.' label. The middle panel, 'Select Query Layer', lists 'CALLS FOR SERVICE' and 'CRIMES' (highlighted in blue). The right panel, 'Select One or More Saved Queries', includes a search bar and a list of categories: CRIME PART 1 CATEGORY, CRIME TYPES, CRIME CODES, M.O., and FLAGS. A 'Clear Selections' button is at the bottom of this list. At the bottom of the dialog are three buttons: 'Validate' (with a checkmark icon), 'Save QOD' (with a save icon), and 'Cancel'.

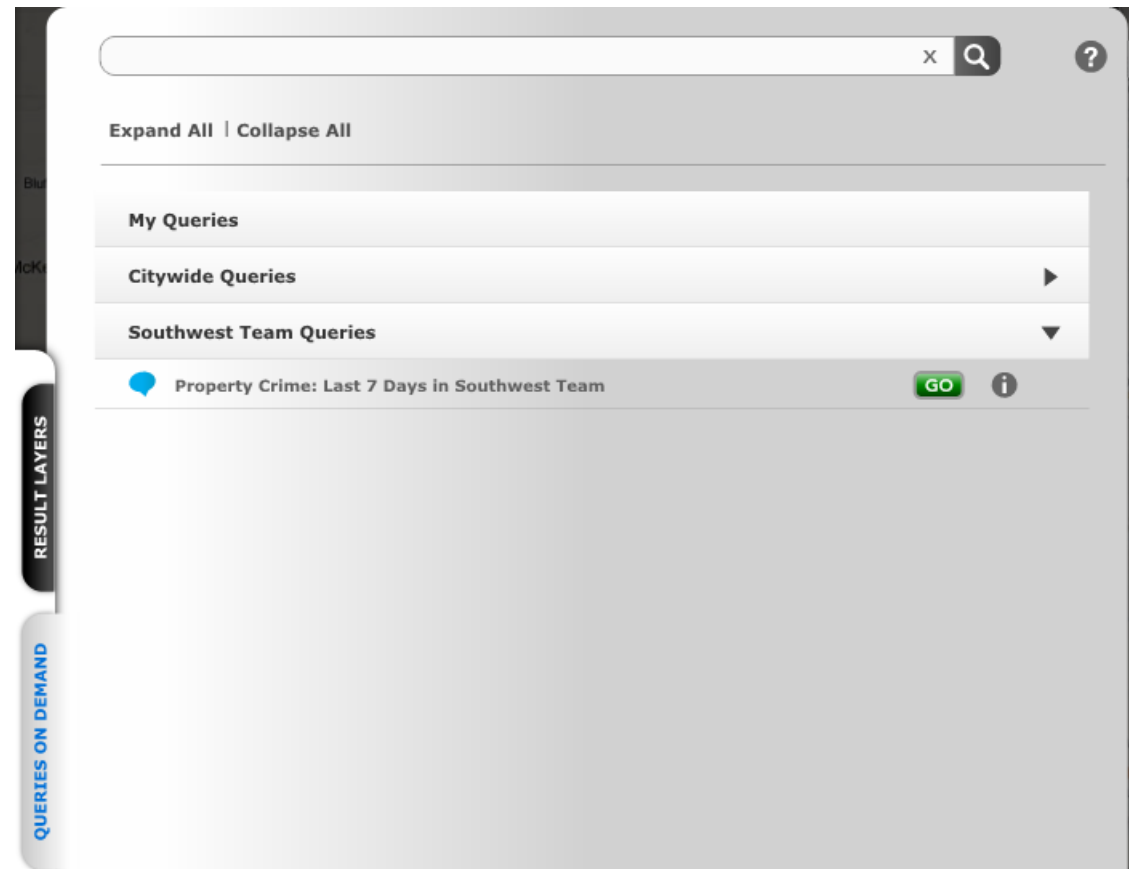
Figure 3.39

The 'Create Widget' dialog box has a similar top navigation bar with tabs: WHAT (selected), WHERE, WHEN, and OPTIONS. The left panel, 'Select Widget Type', shows a dropdown menu with 'Repeat Location' selected. Below it is a 'Select Briefing Book' dropdown menu. Further down is a 'Widget Name' text input field containing 'Repeat Locations' with a 'max 150 char.' label, and a 'Widget Description' text input field. The middle panel, 'Select Query Layer', is identical to Figure 3.38, showing 'CALLS FOR SERVICE' and 'CRIMES' (highlighted). The right panel, 'Select One or More Saved Queries', is also identical, showing the same categories and a 'Clear Selections' button. At the bottom are three buttons: 'Validate' (with a checkmark icon), 'Save Widget' (with a save icon), and 'Cancel'.

Queries on Demand Tab

The **Queries on Demand** tab will show all of your queries that have been saved by the Dashboard Administrator or Designer. You can **search** through your queries by using the search bar at the top to search by keyword. The **Expand All** and **Collapse All** buttons will expand and collapse all query groups. You can expand each query group individually using the arrow on the far right of the query group line. You can see the type of query and the name of the query on the left side of the query field. On the right side, clicking **Go** will bring you to the map and display the query layer. The grey “i” icon will display the What, Where, When parameters for the query. If you are a Designer or an Administrator you will find you’re individually saved queries under the **My Queries** query group. See Figure 3.40.

Figure 3.40

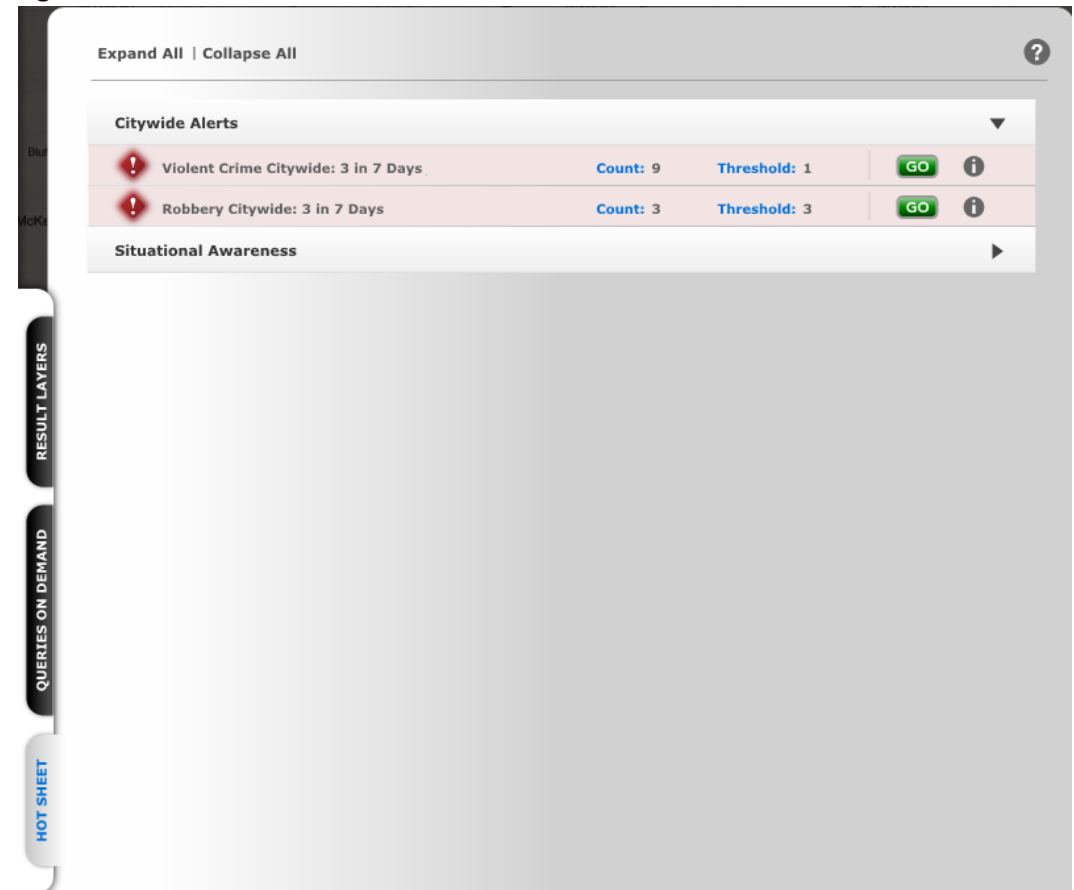


Hot Sheet Tab

The **Hot Sheet** tab shows all Alerts that have been configured. The **Expand All** and **Collapse All** buttons will expand or collapse all Alert Groups. You can expand a group by clicking on the arrow. A glowing red **exclamation point** icon next to the Alert means that the Alert has exceeded its' configured Threshold. You can see the **Count** and the **Threshold** for the Alert. Clicking **Go** will display the Alert on the map. The grey **"i"** button will display the parameters for the Alert. See Figure 3.41.

This tab can be configured to be open by default when a user logs in. Additionally, all Alert Groups will be expanded so the user can see any Alerts that have reached their threshold or are closing in on their threshold. This setting is set by your Administrator or Designer.

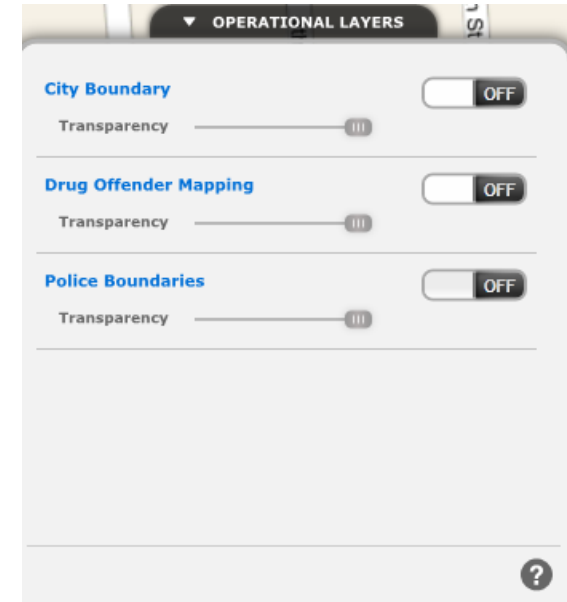
Figure 3.41



Operational Layers Tab

Next notice the **Operational Layers** tab in the bottom left corner of the map. In this tab you can turn Operational Layers on or off. The layers you see will depend upon the configuration of your agency's Dashboard. You can turn Operational Layers on or off by clicking the **On/Off** button for that layer. You can also adjust the **transparency** using the slider. See Figure 3.42.

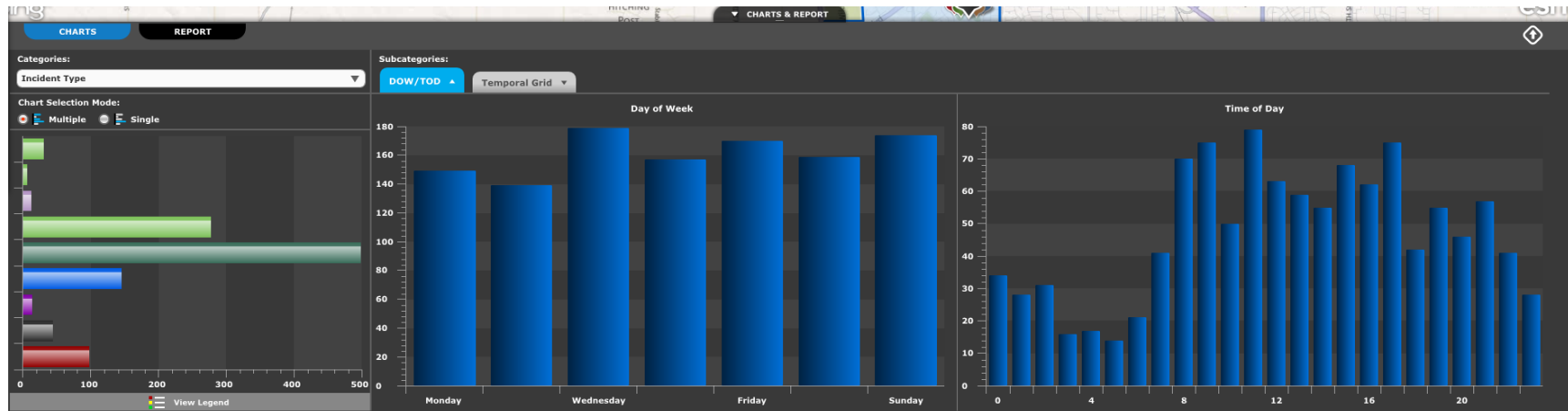
Figure 3.42



Charts and Reports Tab

The final feature of Analysis Mode is the **Charts & Report** tab, found in the center on the bottom of the map. You can see in Figure 3.43 the **Charts and Report** tab for a **Pin Map** result layer. You can see this looks the same as the Charts and Reports tab for the **Maximized Filter Widget**. [See Page 21](#) to read more about the Charts and Report for Pin Map result layers.

Figure 3.43



You can see in Figure 3.44 the **Charts and Report** tab for a **Repeat Locations** result layer. You can see this looks the same as the Charts and Report tab for the **Maximized Repeat Locations Widget**. [See Page 28](#) to read more about the Charts and Report for Repeat Locations result layers.

Figure 3.44

The screenshot shows the 'CHARTS & REPORT' tab in the CrimeView dashboard for a Repeat Locations result layer. The interface displays a table of addresses and their counts.

Address	Count
☒ 151 DOUGLAS AVE	16
☒ 1700 SPARTAN DR	12
☒ 250 S GROVE AVE	11
☒ 120 S STATE ST	9
☐ 104 S STATE ST	9
☐ 1350 FLEETWOOD DR	9
☐ 9 N STATE ST	8
☐ 801 N MCLEAN BLVD	8
☐ 259 ANN ST	7
☐ 1001 N RANDALL RD	6

You can see in Figure 3.45 the **Charts and Report** tab for a **Density Map** result layer. You can see this looks the same as the Charts and Report tab for the **Maximized Density Widget**. [See Page 33](#) to read more about the Charts and Report for Density Map result layers.

Figure 3.45

