Quick Reference
New Sliicer.com Server

Sliicer.com is now operating on a new faster server and the password procedure has changed. This Quick Reference is intended to show you how to set up new case-sensitive passwords. For your first log in you should use your existing Username and the default case-sensitive password of ***Sewers11***. You will then be prompted to select your own password. Criteria for the new password are that it must contain at least one Capital letter and be at least 8 characters in length. We will not have access to your new password so make sure to record it.

You may have been using the new server during the recent transition period and you should use the password you were given. If you have difficulty, please contact the ADS Hosted Systems Program ADSIserve@idexcorp.com or call customer support at 877 237 9585.

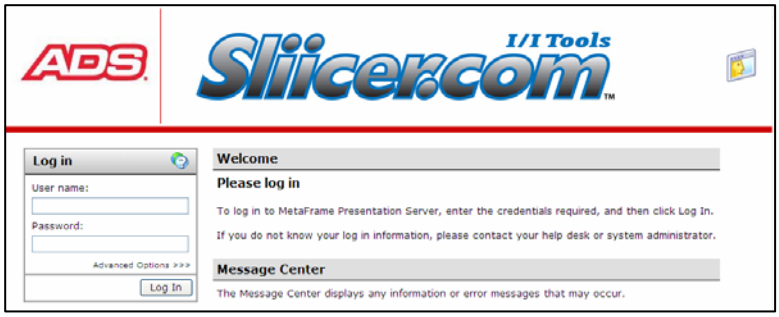
1. Logging On

You can navigate to the login window by using the link on the Sliicer.com web site or you can go directly to the link below. Save this link to your Favorites for an easier connection.

http://www.sliicer.com/Citrix/AccessPlatform/auth/login.aspx

You should be directed to the log in screen shown below. Enter your original User name and the password ***Sewers11***. If you have forgotten your user name, send an email to the address above.

If a red text message appears on the lower right of the login window you are being asked to install a Citrix file. You will need to have administrative rights on your computer to install this software.



If you have used Sliicer.com previously, you should not have firewall issues with the new server. But if you suspect your network may have firewall settings that prevent either the installation of the Citrix software or access to Sliicer.com, contact ADSIserve@idexcorp.com and request the document '*Sliicer IT Information*'. This document will be helpful to your IT staff in working around these issues.

2. Projects That Were Transferred

We followed three rules for transferring files to the new server and retaining usernames.

A. All Profile data bases and flowload files were transferred in their original folder structure from the old Sliicer.com server.

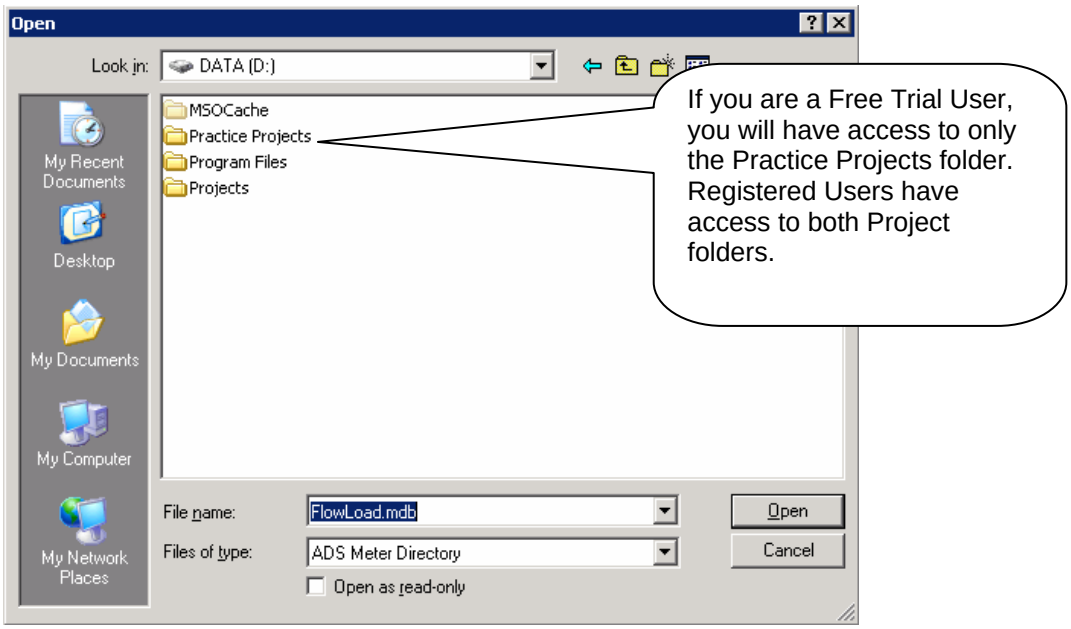
B. Backed up flowload files that were not used within the last two years were not copied.

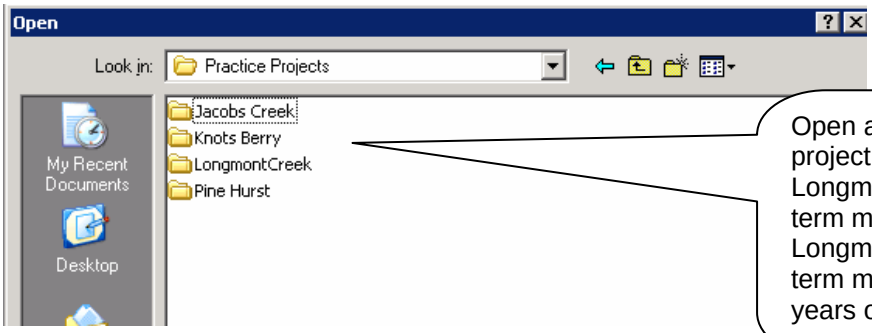
C. User Profiles were not copied for folders that have not been accessed within the last two years.

All data and flowloads have been copied to the new server. If you have not used Sliicer.com since 2009, your data and flowload are still available and we can created new user credentials for you. Please send and email to obtain new credentials ADSIserve@idexcorp.com.

3. Folder Structure

The File/Open menu will get you to this view of folders. If you have received Free Trial log in credentials you will have access to only the Practice Projects folder. If you are a Registered User your work will be in the Project folder in subfolders named after the City/Agency owning the sewer system.



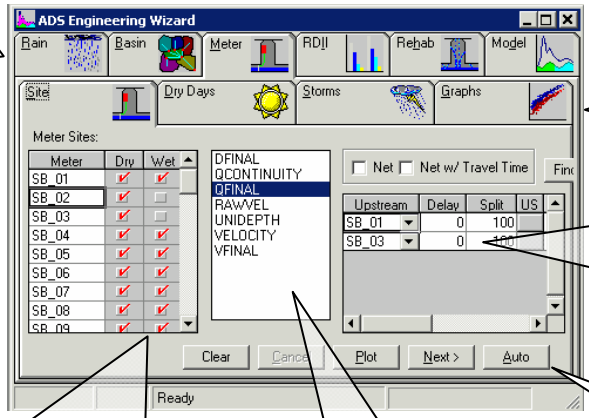


Open any of these four project folders. All but Longmont Creek are short-term metering projects. Longmont Creek is a long term metering network with 2 years of data.

4. Sliicer.com Engineering Wizard

The Meter tab is the most used and is discussed here first.

The top tier of tabs; Rain, Basin, Meter and RDII are the main tasks performed in a RDII project. The Rehab and Model tabs are not set up to function with these data sets.



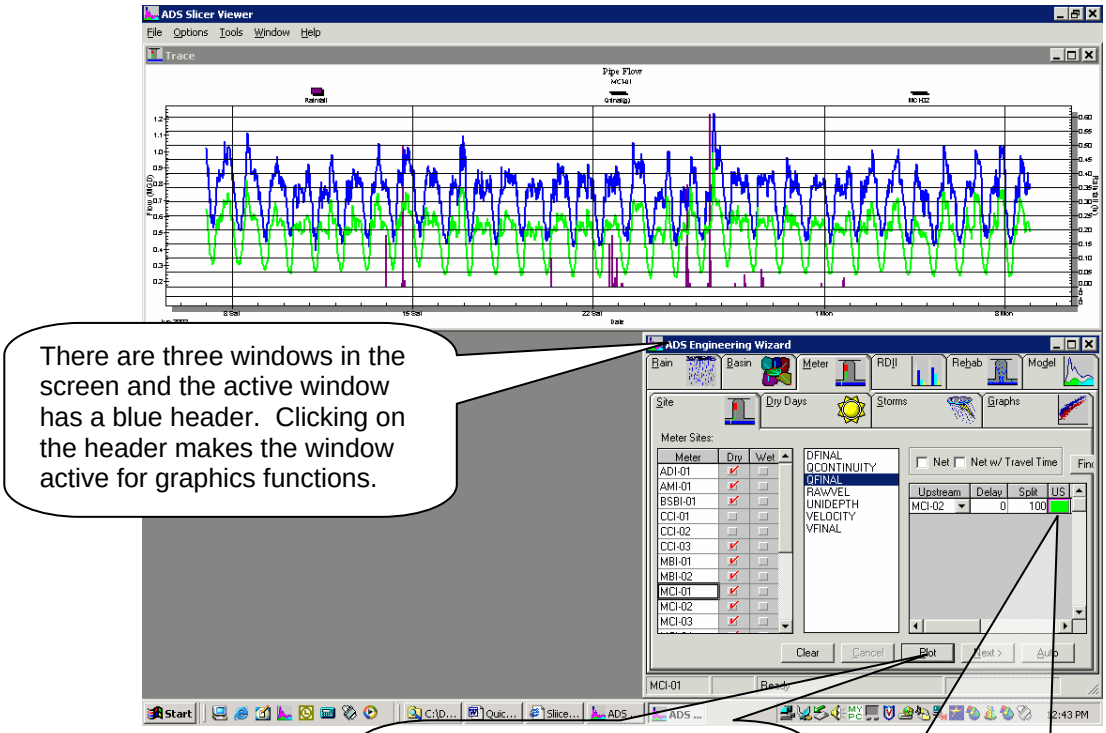
The second tier of tabs changes with each top tab. The Meter tab choices are shown here.

Enter upstream meters here. To make an entry row appear, click left in the blank spreadsheet to make it active and then hit the Down Arrow key on the keyboard.

The bottom 2/3 of the Wizard displays different information for each tab. In all the left side lists the meters. Red check marks are sites you have reviewed and will vanish if you make changes such as modifying the dry day selection.

The center column shows the entities that can be plotted. Qfinal MUST be one of the entities.

The Auto button will rapidly recalculate the entire analysis after making minor changes such as a new rain gauge distribution or dry day selection.



There are three windows in the screen and the active window has a blue header. Clicking on the header makes the window active for graphics functions.

The "Plot" button loads data and generates the hydrograph, including any upstream meters you selected.

Select color of upstream meter clicking left. See graphics features. The upstream meter appears green in hydrograph.

5. Dry Day Hydrograph

Clicking on the Dry Day Tab generates this display. Sliicer.com has automatically selected dry days to create average dry day hydrographs for Weekdays and Weekends and has generated many dry day statistics. Rules for selection are in Options/Global/Dry Day menu.

When this window is active you can toggle on/off each day by clicking left on the hydrograph window. Colored days are used for the Average Dry Day shape below. Clicking the "Plot" button shows the new result.

The screen real estate is fixed to these three windows. Avoid the temptation to "drag" the windows to a new size. Use the Maximize/Restore functions.

Click left in these columns to access the color palette and plot dry day hydrographs. Columns here are **Gr** (Gross Hydrograph), **Nt** (Net Hydrograph), **Tr**aces of all selected days and **BI** (Base Infiltration). BI methods are at the right end of the spreadsheet.

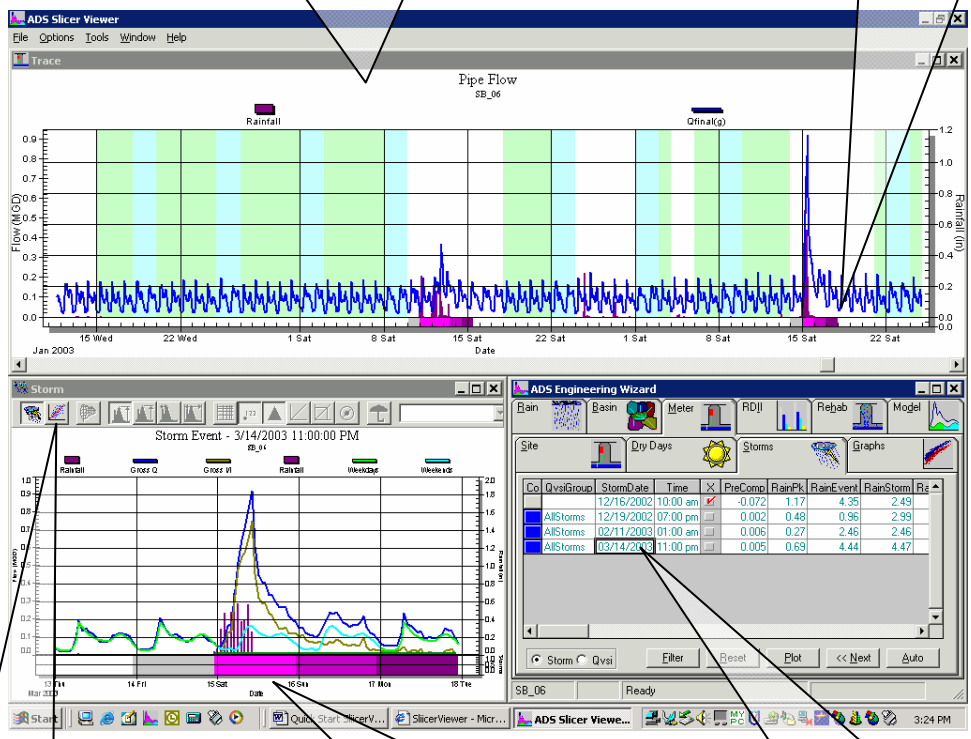
The spreadsheet shows many dry day statistics including the number of selected days in each day group. Use the Maximize feature or the scroll bars to access the full spreadsheet.

6. Storm Tab

Clicking on the Storm tab produces this display. Sliicer.com has selected storms and generated RDII statistics. Rules for storm selection are in Options/Global/Storms menu.

This display includes all selected dry days (shaded green or blue), storms that meet selection criteria and hyetographs for all rain.

Each selected storm is identified with magenta bars below it.

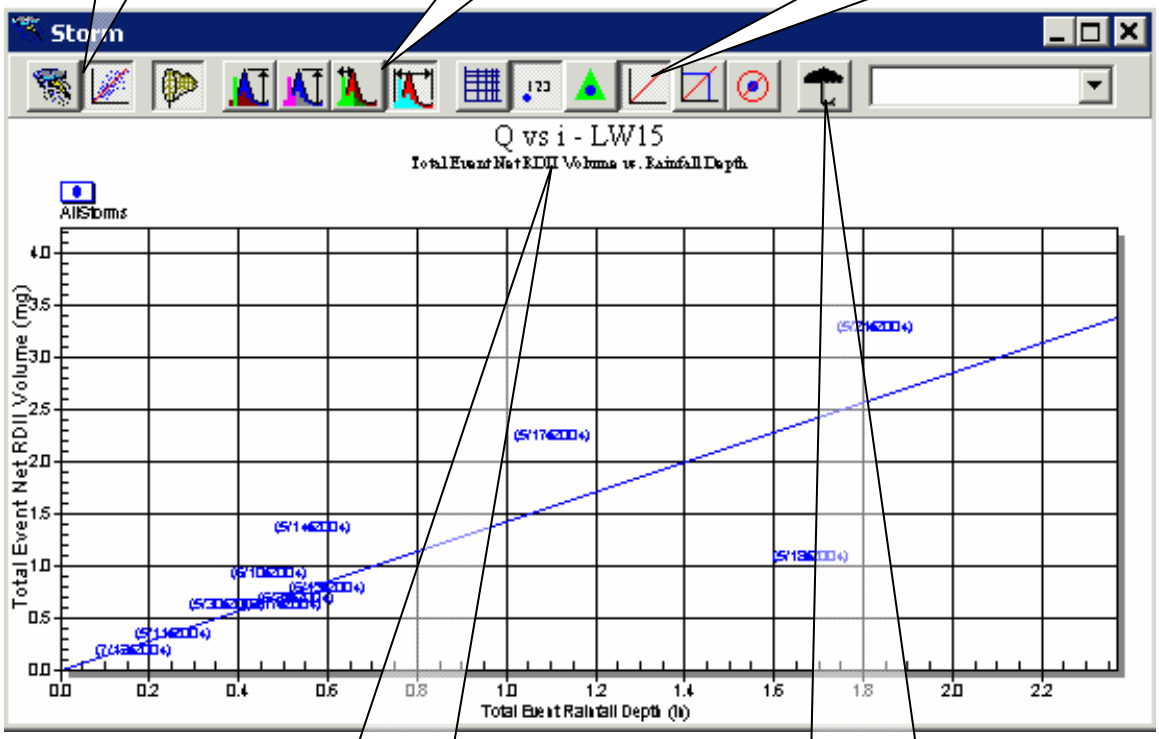


Q to i functions are accessed by clicking this button. See features next page.

The storm hydrograph window shows the active storm. The three magenta calculation periods are named Storm, Recovery 1 and Recovery 2. Hyetographs are from the rain gauge weighting established in the Rain Tab shown on Page 7.

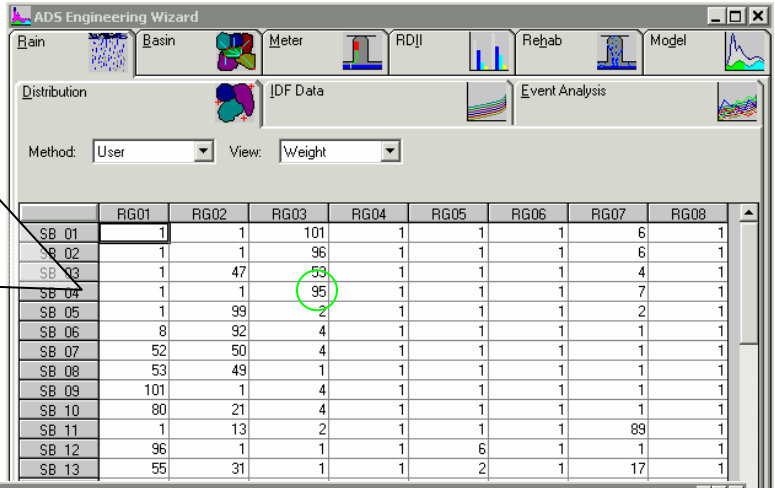
The spreadsheet lists the storm start time plus rainfall and RDII data. Scroll right on the spreadsheet to see more wet weather calculations. The three windows are coordinated such that the active storm is highlighted in the table and is shown in the storm hydrograph window.

7. Q vs. i Graphs

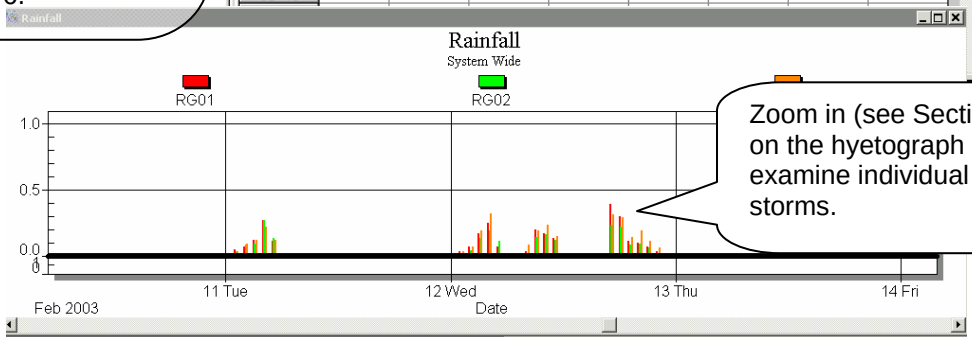


8. Rainfall Tab

This spreadsheet allows you to enter weightings for each rain gauge on each basin. For example, the weighting of RG03 on basin SB04 is 84% (95/113). The sum of all values in the row = 113. The "weighted" rainfall hyetographs appear in the storm hydrographs window shown on Page 6.

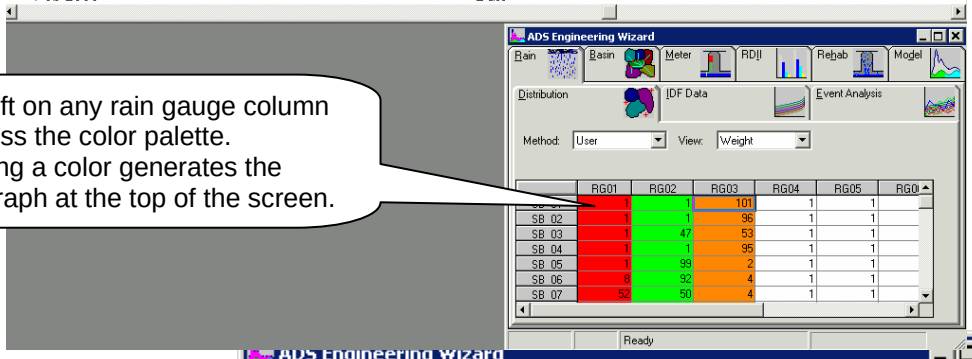


	RG01	RG02	RG03	RG04	RG05	RG06	RG07	RG08
SB 01	1	1	101	1	1	1	6	1
SB 02	1	1	96	1	1	1	6	1
SB 03	1	47	53	1	1	1	4	1
SB 04	1	1	95	1	1	1	7	1
SB 05	1	99	2	1	1	1	2	1
SB 06	8	92	4	1	1	1	1	1
SB 07	52	50	4	1	1	1	1	1
SB 08	53	49	1	1	1	1	1	1
SB 09	101	1	4	1	1	1	1	1
SB 10	80	21	4	1	1	1	1	1
SB 11	1	13	2	1	1	1	89	1
SB 12	96	1	1	1	6	1	1	1
SB 13	55	31	1	1	2	1	17	1

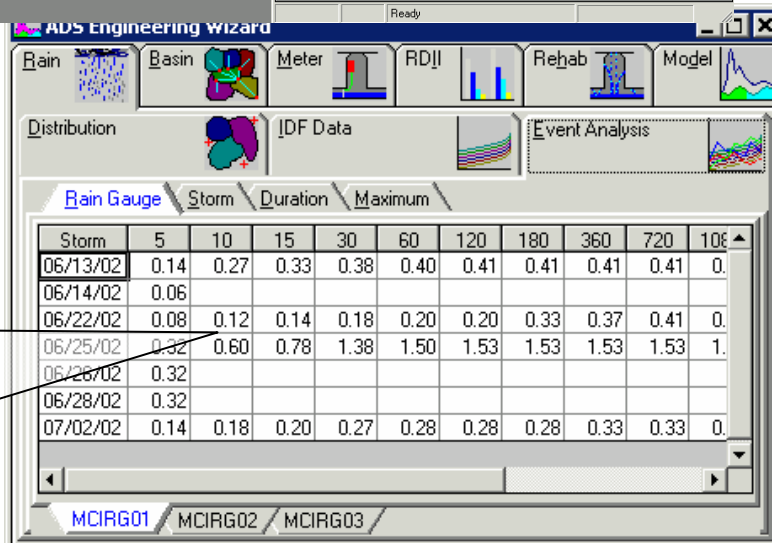


Zoom in (see Section 11) on the hyetograph to examine individual storms.

Click left on any rain gauge column to access the color palette. Selecting a color generates the hyetograph at the top of the screen.



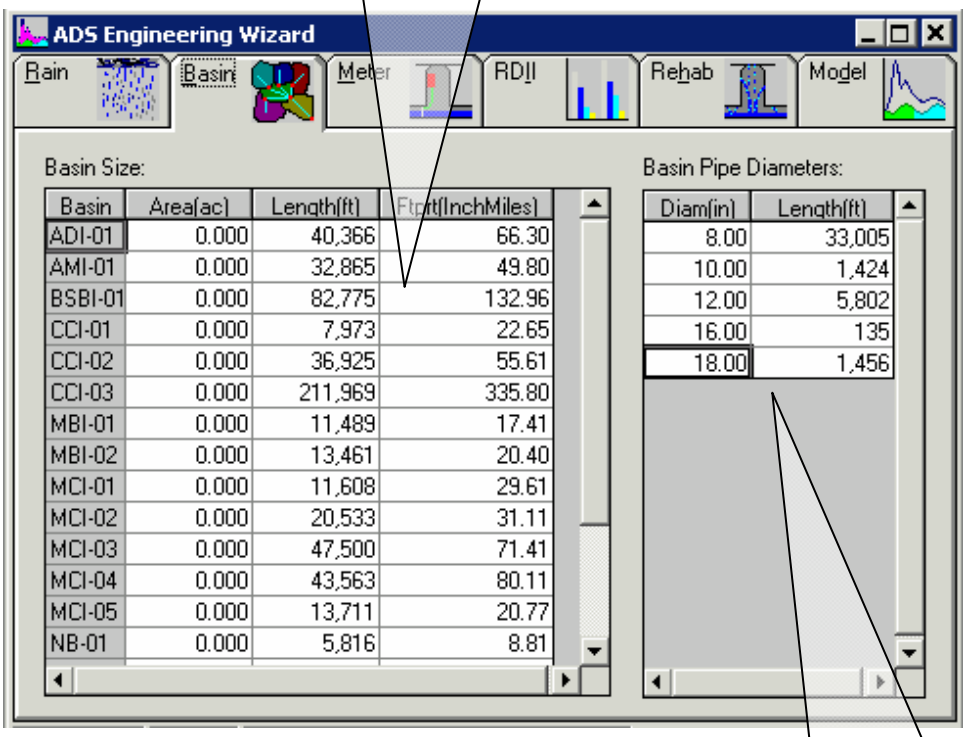
Extensive rainfall statistics are generated in this spreadsheet. Data can be displayed by gauge & by storm. When Depth Duration and Frequency (DDF) data are loaded, duration and return frequency are calculated for each storm.



Storm	5	10	15	30	60	120	180	360	720	10
06/13/02	0.14	0.27	0.33	0.38	0.40	0.41	0.41	0.41	0.41	0.
06/14/02	0.06									
06/22/02	0.08	0.12	0.14	0.18	0.20	0.20	0.33	0.37	0.41	0.
06/25/02	0.32	0.60	0.78	1.38	1.50	1.53	1.53	1.53	1.53	1.
06/26/02	0.32									
06/28/02	0.32									
07/02/02	0.14	0.18	0.20	0.27	0.28	0.28	0.28	0.33	0.33	0.

9. Basin Tab

This spreadsheet lists three types of basin size information that can be used to normalize RDII by basin size. Options include Acres within each basin, Length of sewer (LF) in each basin and Footprint (Inch Diameter Miles) in each basin.



Basin	Area(ac)	Length(ft)	Ftprt(InchMiles)
ADI-01	0.000	40,366	66.30
AMI-01	0.000	32,865	49.80
BSBI-01	0.000	82,775	132.96
CCI-01	0.000	7,973	22.65
CCI-02	0.000	36,925	55.61
CCI-03	0.000	211,969	335.80
MBI-01	0.000	11,489	17.41
MBI-02	0.000	13,461	20.40
MCI-01	0.000	11,608	29.61
MCI-02	0.000	20,533	31.11
MCI-03	0.000	47,500	71.41
MCI-04	0.000	43,563	80.11
MCI-05	0.000	13,711	20.77
NB-01	0.000	5,816	8.81

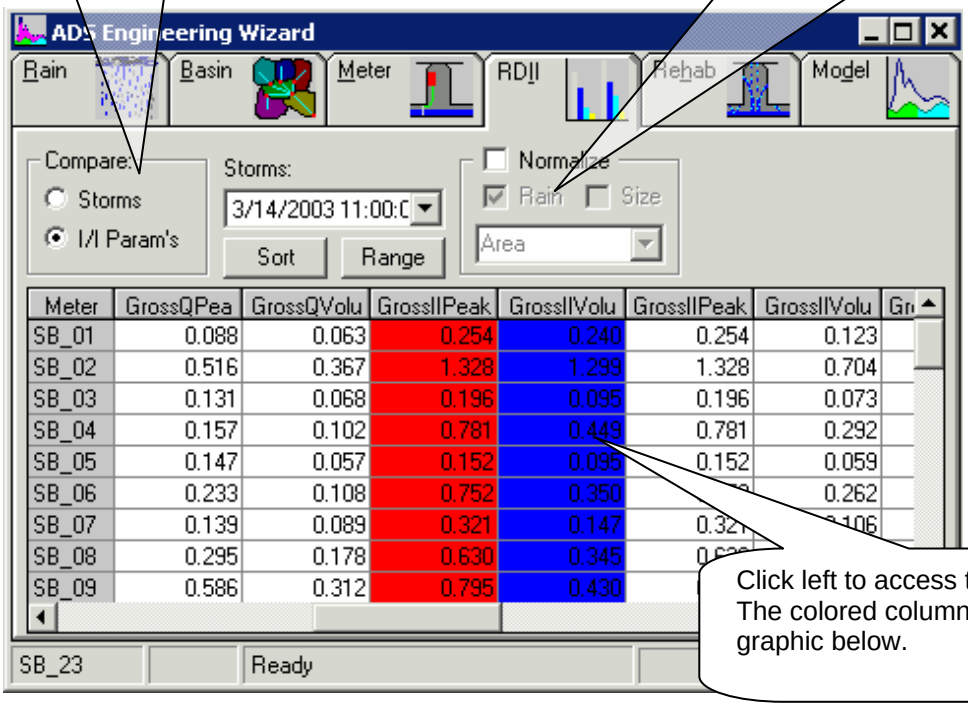
Diam(in)	Length(ft)
8.00	33,005
10.00	1,424
12.00	5,802
16.00	135
18.00	1,456

If sewer length data are extracted from paper maps, this spreadsheet can be used to calculate Length and Footprint (Inch-Miles). Columns at left are updated from this table. To activate, click left on blank area and click the Down Arrow key on the keyboard.

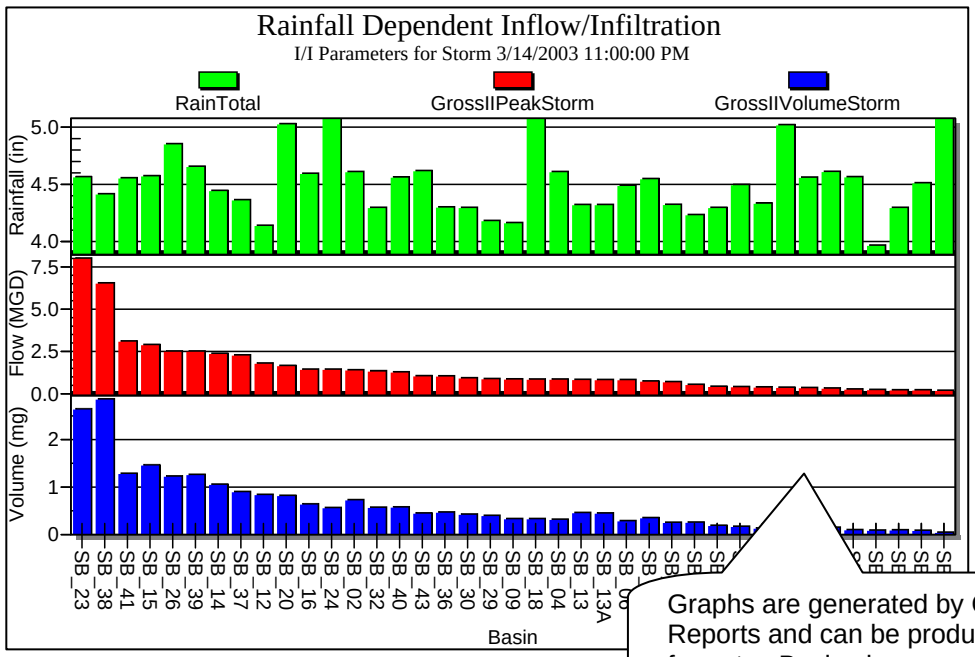
10. RDII Tab

RDII data can be displayed by Storm or by I/I Parameter.

RDII data can be normalized by Acres, Linear Feet of Sewer, Inch Miles and Percent Rainfall as RDII. Choices will be grayed out if basin size is not entered in Basin Size table.



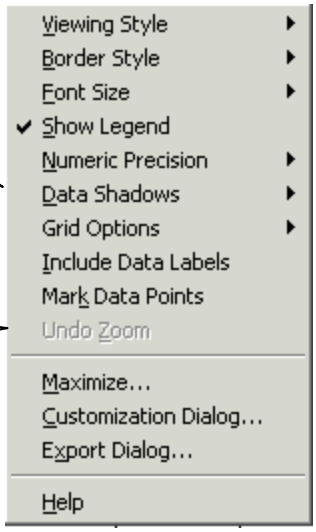
Click left to access the color palette. The colored columns produce the graphic below.



Graphs are generated by Crystal Reports and can be produced in several formats. Basins here are ranked on GrossIIPeakStorm (red bars).

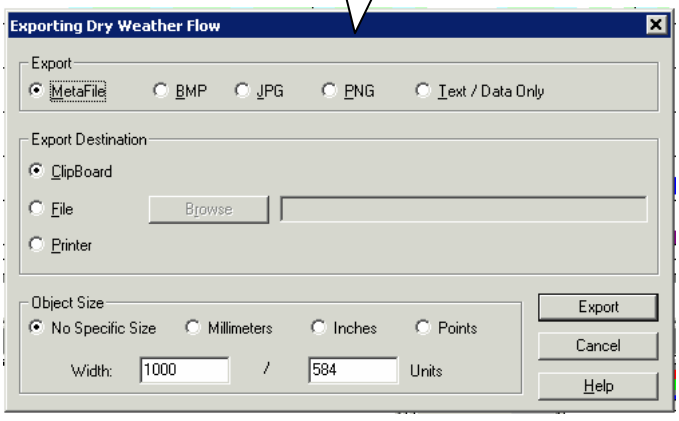
11. Common Graphic Functions and Exporting

Right clicking on any graphic gets to this dialogue box (double right click Dry Day Hydrograph). The Export Dialog choice gets to the box below

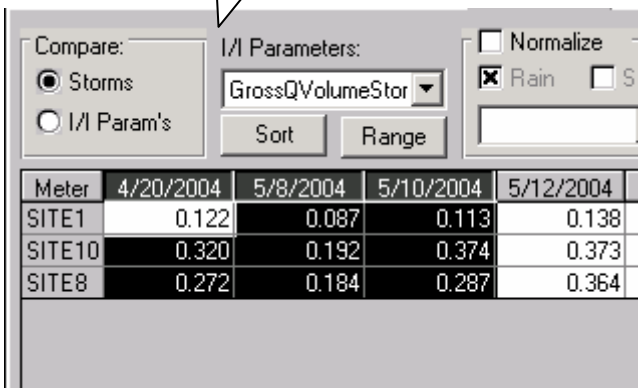


Zooming – Any graphic can be zoomed by dragging a box with the left mouse button WHILE holding the SHIFT key. Undo the zoom by getting to this dialogue box and clicking Undo Zoom.

Copying & Printing – Any graphic can be copied, printed or saved to a file from the Export dialogue box. Selecting Text/data will produce either a text file or an Excel spreadsheet.



Cut & Pasting – Data can be copied (Control C) and pasted (Control V) from any table. The selected data below (black shading) can be copied to an Excel table. Conversely, data can be pasted from Excel into Sliicer.com tables.



Meter	4/20/2004	5/8/2004	5/10/2004	5/12/2004
SITE1	0.122	0.087	0.113	0.138
SITE10	0.320	0.192	0.374	0.373
SITE8	0.272	0.184	0.287	0.364