User's Guide For Searching the Data

1 Introduction

Welcome to the Water Action Volunteers (WAV) citizen stream-monitoring database. The WAV program is a cooperative effort by the University of Wisconsin-Extension and the Wisconsin Department of Natural Resources. The citizen stream monitoring program was established in 1996 to offer uniform monitoring parameters and procedures for Wisconsin citizens conducting stream monitoring, with the idea that groups are better able to compare data results when utilizing the same methods for obtaining results.

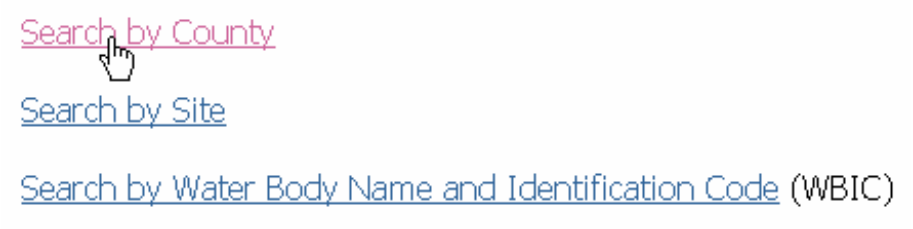
This database was developed to serve as a centralized collection and storage location for the data that are collected as part of the WAV program. Anyone with access to the world-wide-web should be able to search the database and, with a spreadsheet program, perform subsequent data analysis if desired. The database is housed and maintained at the University of Wisconsin-Madison campus by staff of the University of Wisconsin - Extension.

The following information is a step-by-step guide to searching the database.

2 Searching

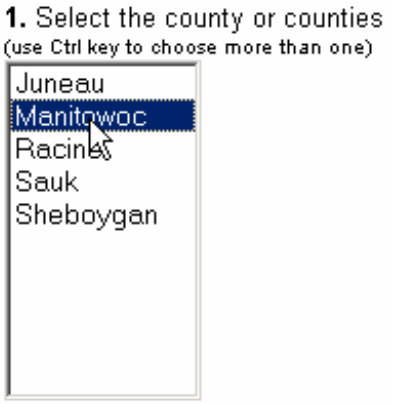
2.1 Search by County

From the citizen monitoring database main page, which is at the the following url: http://www1.uwex.edu/ces/erc/watervol/, click on the link to Search by County.

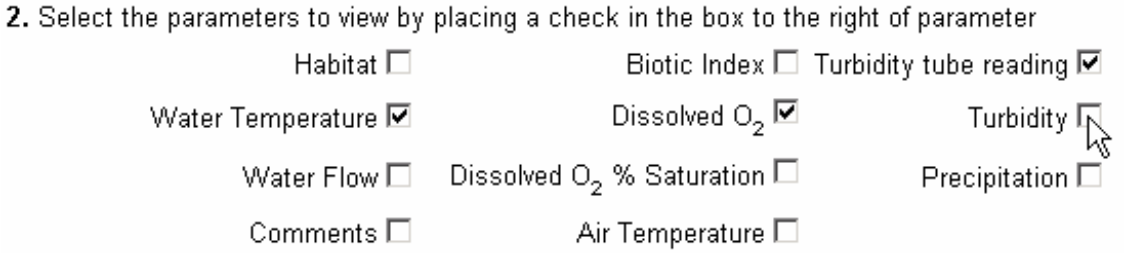


This will take you to the View Data by County screen.

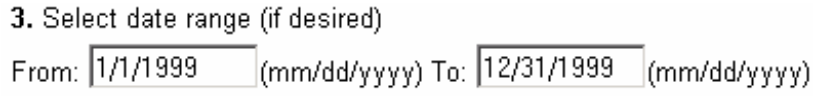
Next, from the multiple select box, select the county or counties you wish to view. To select more than one county, hold down the Ctrl key on your keyboard while clicking on the county name.



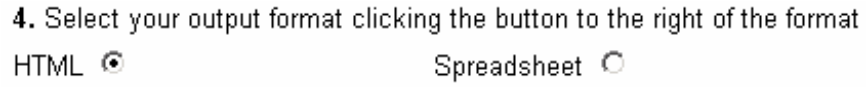
The next step is to decide which parameters you wish to view. To select a parameter, click in the check box to the right of the parameter.



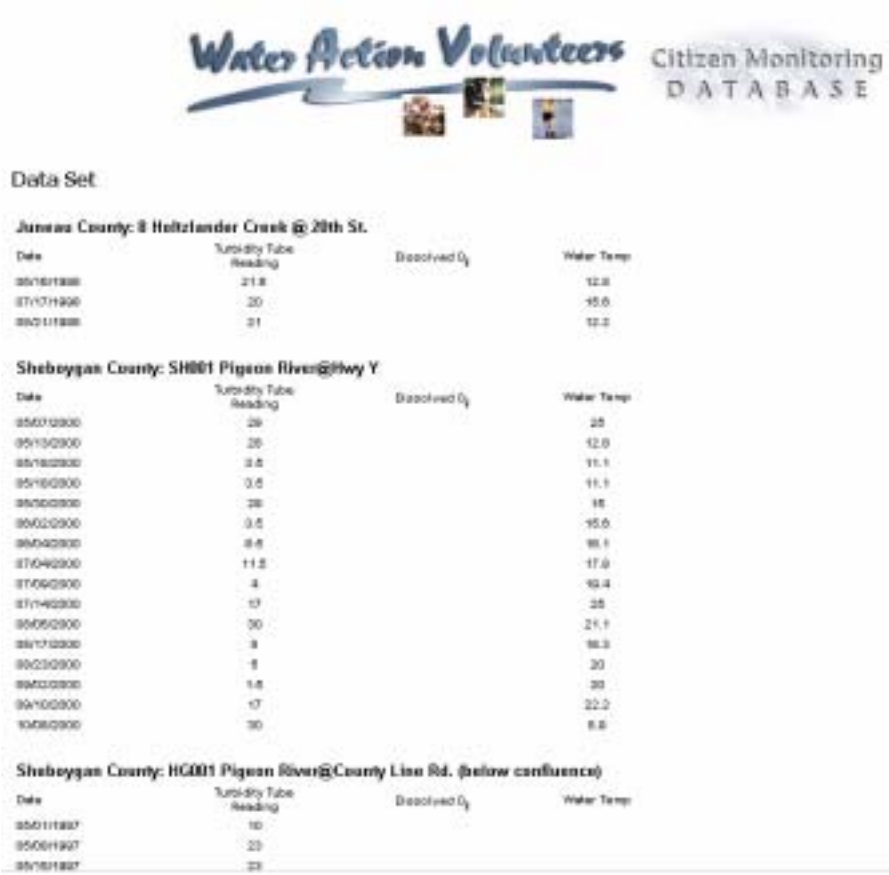
If you wish, you may select a date range by typing the date into the From: box and in the To: box.



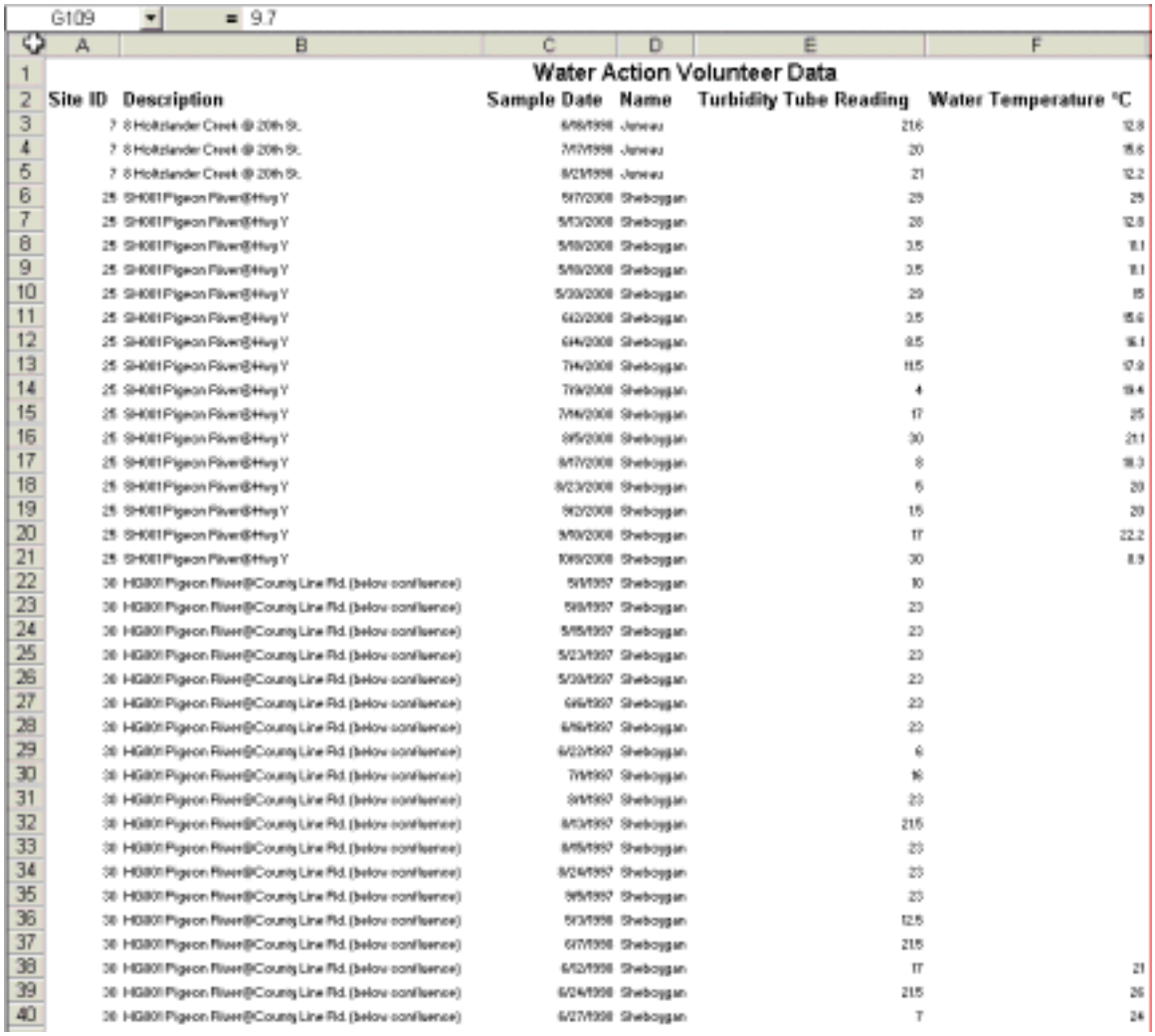
The last step is to choose the format in which the data will be displayed. You have two options, HTML format or Spreadsheet format.



If you select HTML format, the data will be displayed within your browser window as a web page.



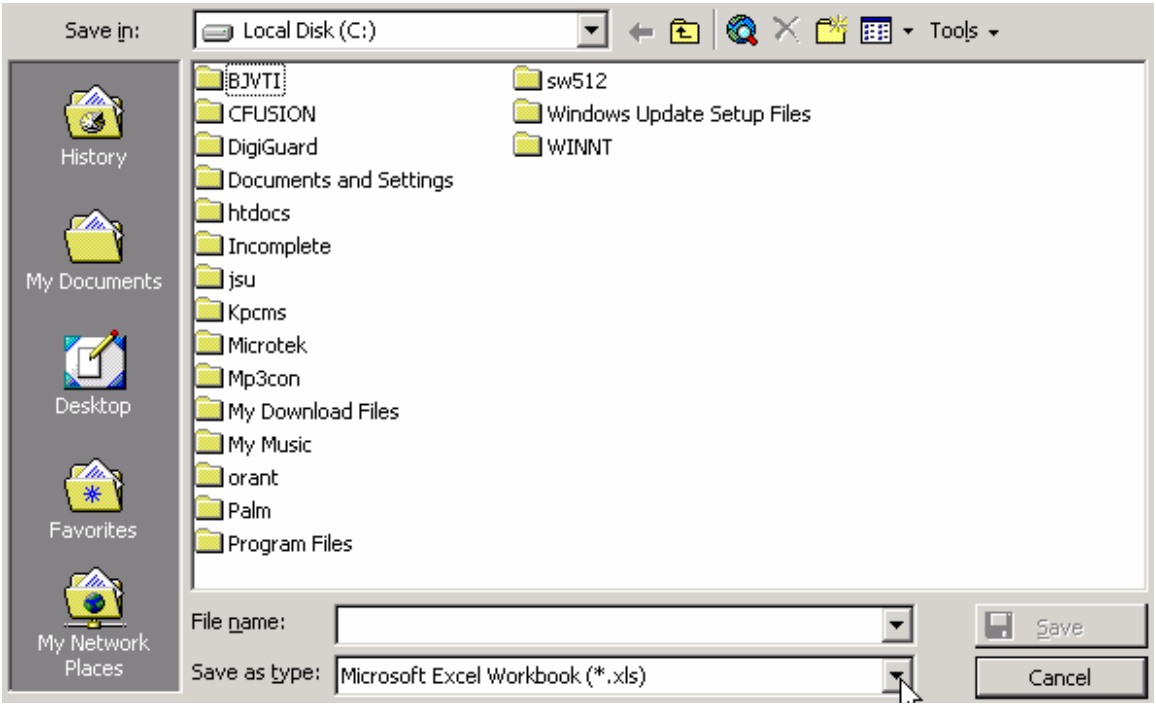
If you select Spreadsheet format the data will be displayed in one of two ways. If you use Internet Explorer, Excel will open in your browser window like the following example.



G109 = 9.7

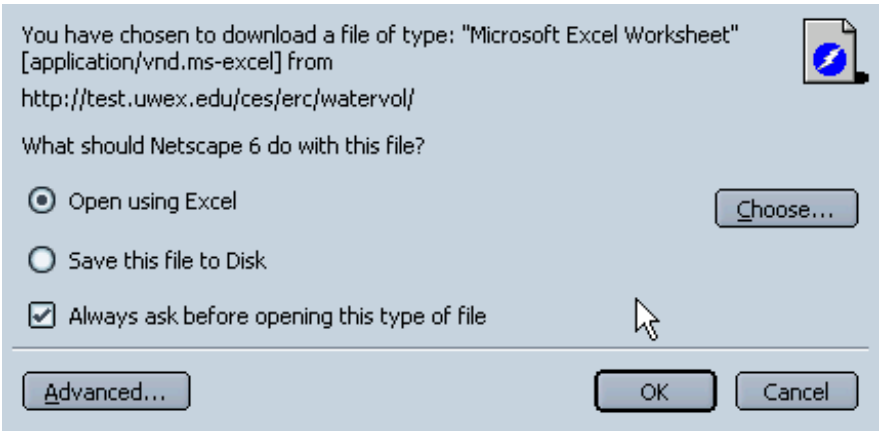
	A	B	C	D	E	F
1				Water Action Volunteer Data		
2	Site ID	Description	Sample Date	Name	Turbidity Tube Reading	Water Temperature °C
3	7	8 Holtzlander Creek @ 20th St.	6/16/1998	Juneau	21.6	12.8
4	7	8 Holtzlander Creek @ 20th St.	7/7/1998	Juneau	20	15.6
5	7	8 Holtzlander Creek @ 20th St.	8/25/1998	Juneau	21	12.2
6	25	SH081 Pigeon River@Hwy Y	5/7/2008	Sheboygan	29	25
7	25	SH081 Pigeon River@Hwy Y	5/13/2008	Sheboygan	28	12.8
8	25	SH081 Pigeon River@Hwy Y	5/19/2008	Sheboygan	3.5	8.1
9	25	SH081 Pigeon River@Hwy Y	5/19/2008	Sheboygan	3.5	8.1
10	25	SH081 Pigeon River@Hwy Y	5/30/2008	Sheboygan	29	15
11	25	SH081 Pigeon River@Hwy Y	6/2/2008	Sheboygan	3.5	15.6
12	25	SH081 Pigeon River@Hwy Y	6/4/2008	Sheboygan	9.5	16.1
13	25	SH081 Pigeon River@Hwy Y	7/4/2008	Sheboygan	11.5	17.9
14	25	SH081 Pigeon River@Hwy Y	7/9/2008	Sheboygan	4	19.4
15	25	SH081 Pigeon River@Hwy Y	7/16/2008	Sheboygan	17	25
16	25	SH081 Pigeon River@Hwy Y	8/5/2008	Sheboygan	30	21.1
17	25	SH081 Pigeon River@Hwy Y	8/17/2008	Sheboygan	8	18.3
18	25	SH081 Pigeon River@Hwy Y	8/23/2008	Sheboygan	6	20
19	25	SH081 Pigeon River@Hwy Y	9/2/2008	Sheboygan	15	20
20	25	SH081 Pigeon River@Hwy Y	9/10/2008	Sheboygan	17	22.2
21	25	SH081 Pigeon River@Hwy Y	10/9/2008	Sheboygan	30	8.9
22	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/1/1997	Sheboygan	10	
23	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/8/1997	Sheboygan	23	
24	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/15/1997	Sheboygan	23	
25	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/23/1997	Sheboygan	23	
26	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/30/1997	Sheboygan	23	
27	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/6/1997	Sheboygan	23	
28	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/16/1997	Sheboygan	22	
29	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/23/1997	Sheboygan	9	
30	30	HG801 Pigeon River@County Line Rd. (below confluence)	7/7/1997	Sheboygan	16	
31	30	HG801 Pigeon River@County Line Rd. (below confluence)	8/4/1997	Sheboygan	23	
32	30	HG801 Pigeon River@County Line Rd. (below confluence)	8/13/1997	Sheboygan	21.5	
33	30	HG801 Pigeon River@County Line Rd. (below confluence)	8/15/1997	Sheboygan	23	
34	30	HG801 Pigeon River@County Line Rd. (below confluence)	8/24/1997	Sheboygan	23	
35	30	HG801 Pigeon River@County Line Rd. (below confluence)	9/5/1997	Sheboygan	23	
36	30	HG801 Pigeon River@County Line Rd. (below confluence)	5/3/1998	Sheboygan	12.5	
37	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/7/1998	Sheboygan	21.5	
38	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/12/1998	Sheboygan	17	21
39	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/24/1998	Sheboygan	21.5	26
40	30	HG801 Pigeon River@County Line Rd. (below confluence)	6/27/1998	Sheboygan	7	24

You may click on the Save As… in the File menu and then select Microsoft Excel Workbook as the Save As Type from that pull-down menu.



Give the file a name and save. You may then do any data analysis in Excel that you wish.

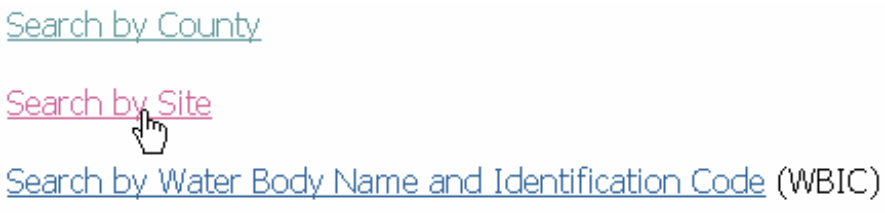
If you use a different browser, like Netscape, instead of seeing the data displayed in the browser in Excel, you will see a prompt like the following:



You may then open the data in your spreadsheet, by clicking on OK. Once it is in the spreadsheet you may follow the instructions above for saving the data in Excel format.

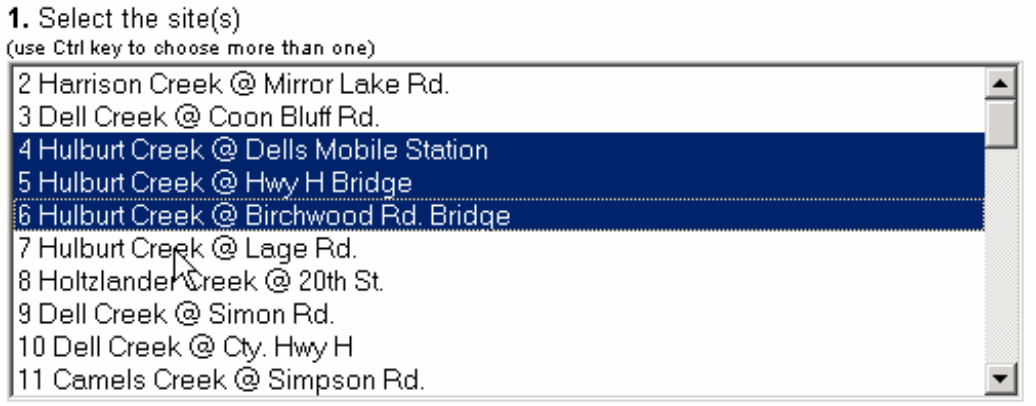
2.2 Search By Site

From the citizen monitoring database main page, which is at the the following url: http://www1.uwex.edu/ces/erc/watervol/, click on the link, Search By Site.

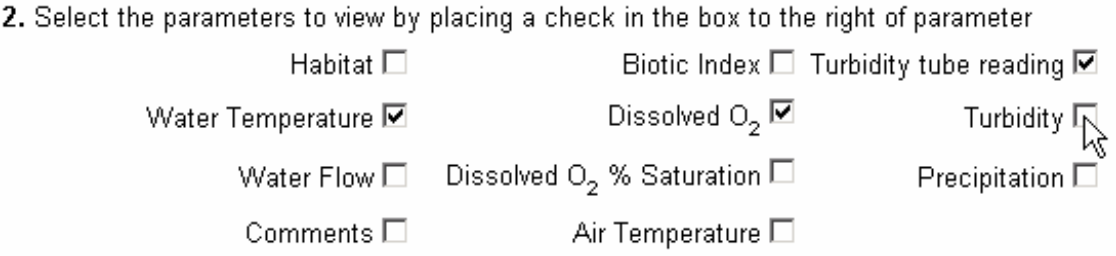


This will take you to the Search by Site screen.

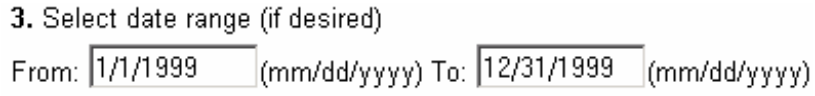
Next, from the multiple select box, select the site or sites you wish to view. To select more than one site, hold down the Ctrl key on your keyboard while clicking on the site name.



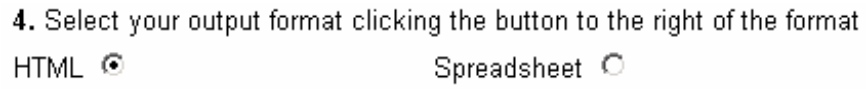
The next step is to decide which parameters you wish to view. To select a parameter, click in the check box to the right of the parameter.



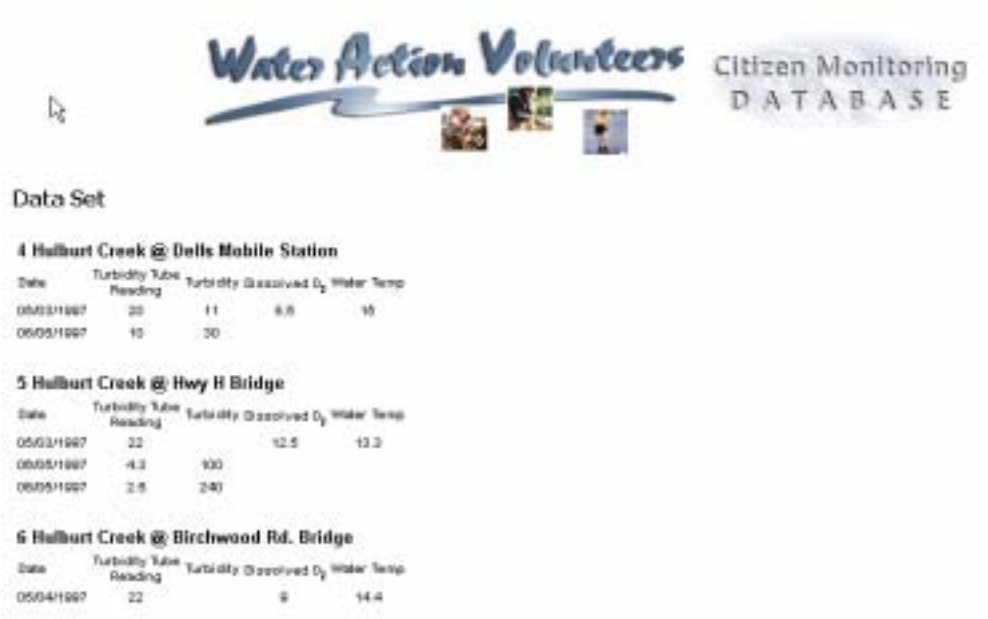
If you wish, you may select a date range by typing the date into the From: box and in the To: box.



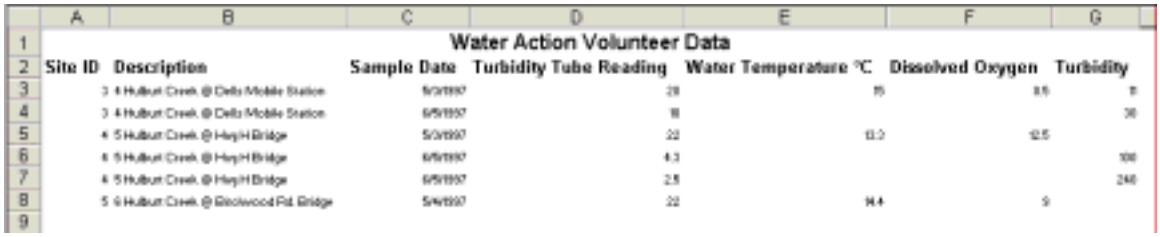
The last step is to choose the format in which the data will be displayed. You have two options, HTML format or Spreadsheet format.



If you select HTML format, the data will be displayed within your browser window as a web page.

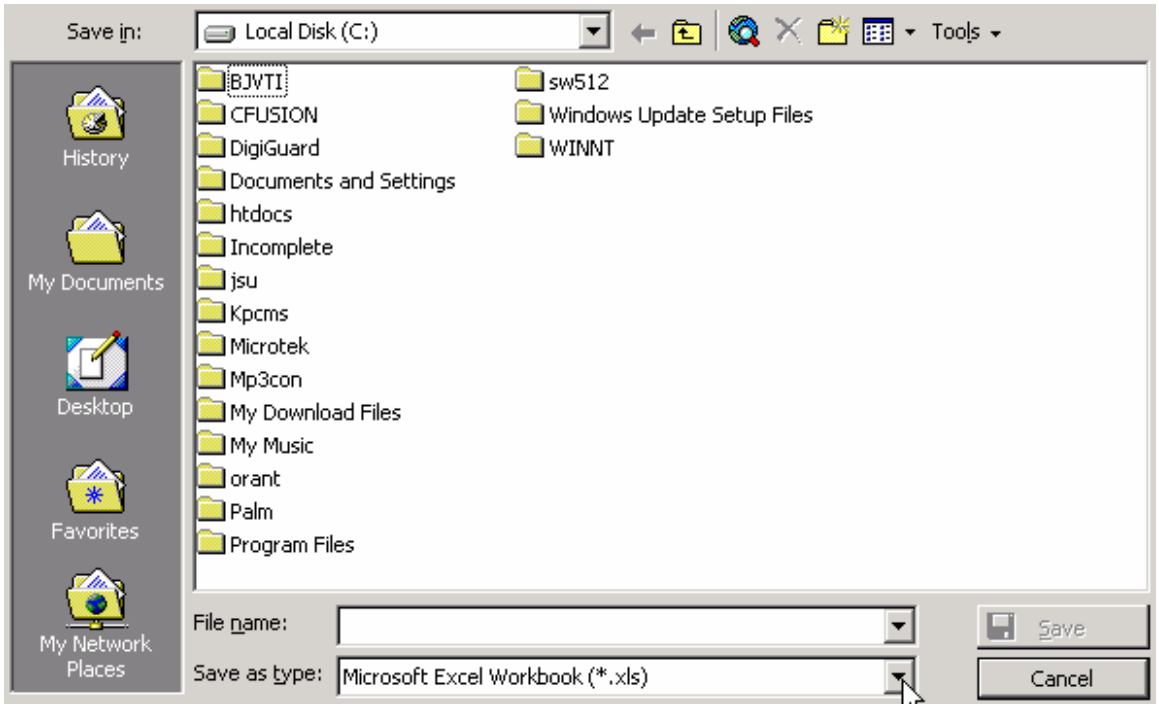


If you select Spreadsheet format the data will be displayed in one of two ways. If you use Internet Explorer, Excel will open in your browser window like the following example.



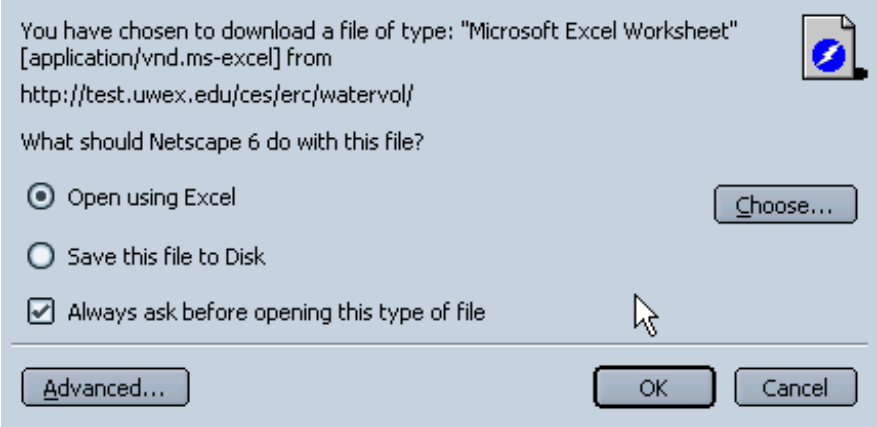
	A	B	C	D	E	F	G
1				Water Action Volunteer Data			
2	Site ID	Description	Sample Date	Turbidity Tube Reading	Water Temperature °C	Dissolved Oxygen	Turbidity
3	3	4 Hubbart Creek @ Dells Mobile Station	5/3/1997	28	15	8.5	8
4	3	4 Hubbart Creek @ Dells Mobile Station	6/5/1997	18			30
5	4	5 Hubbart Creek @ Hwy H Bridge	5/3/1997	22	13.2	10.5	
6	4	5 Hubbart Creek @ Hwy H Bridge	6/5/1997	4.3			100
7	4	5 Hubbart Creek @ Hwy H Bridge	6/5/1997	2.5			240
8	5	6 Hubbart Creek @ Elmwood Rd. Bridge	5/4/1997	22	14.4	9	
9							

You may click on the Save As… in the File menu and then select Microsoft Excel Workbook as the Save As Type from that pull-down menu.



Give the file a name and save. You may then do any data analysis in Excel that you wish.

If you use a different browser, like Netscape, instead of seeing the data displayed in the browser in Excel, you will see a prompt like the following:



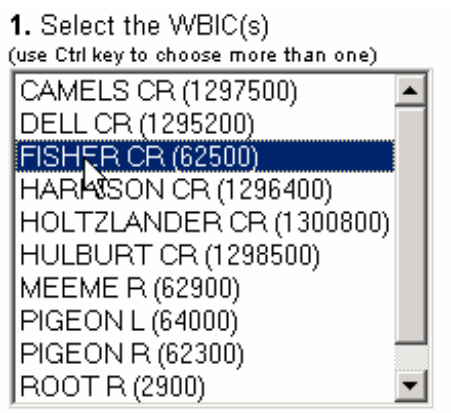
You may then open the data in your spreadsheet, by clicking on OK. Once it is in the spreadsheet you may follow the instructions above for saving the data in Excel format.

2.3 Search by Water Body Name and Identification Code

From the citizen monitoring database main page, which is at the the following url: http://www1.uwex.edu/ces/erc/watervol/, click on the link for Search by Water Body Name and Identification Code.

This will take you to the Search by Water Body Name and Identification Code screen.

Next, from the multiple select box, select the WBIC (Water Body Identification Code) or WBICs you wish to view. To select more than one WBIC, hold down the Ctrl key on your keyboard while clicking on the WBIC name and number



. The next step is to decide which parameters you wish to view. To select a parameter, click in the check box to the right of the parameter.

2. Select the parameters to view by placing a check in the box to the right of parameter

Habitat ☐	Biotic Index ☐	Turbidity tube reading ☑
Water Temperature ☑	Dissolved O_2 ☑	Turbidity ☐
Water Flow ☐	Dissolved O_2 % Saturation ☐	Precipitation ☐
Comments ☐	Air Temperature ☐	

If you wish, you may select a date range by typing the date into the From: box and in the To: box.

3. Select date range (if desired)

From: 1/1/1999 (mm/dd/yyyy) To: 12/31/1999 (mm/dd/yyyy)

The last step is to choose the format in which the data will be displayed. You have two options, HTML format or Spreadsheet format.

4. Select your output format clicking the button to the right of the format

HTML ◉ Spreadsheet ○

If you select HTML format, the data will be displayed within your browser window as a web page.

Data Set

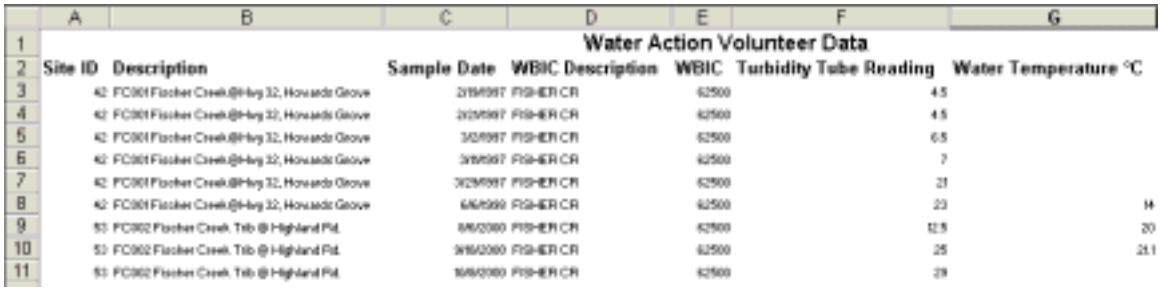
FISHER CR(62500): FC001 Fischer Creek@Hwy 32, Howards Grove

Date	Turbidity Tube Reading	Turbidity	Dissolved O_2	Water Temp
02/19/1997	4.5	100		
02/21/1997	4.5	100		
03/02/1997	6.5	65		
03/11/1997	7	60		
03/29/1997	21	10		
06/05/1998	23			14

FISHER CR(62500): FC002 Fischer Creek Trib @ Highland Rd.

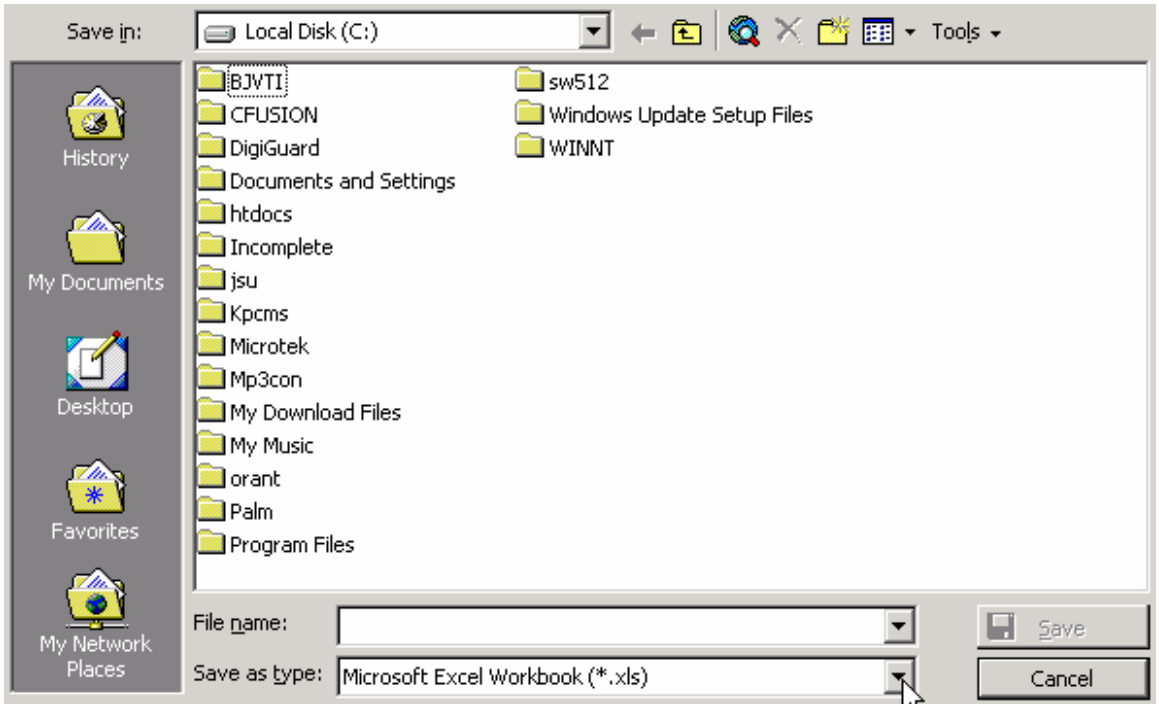
Date	Turbidity Tube Reading	Turbidity	Dissolved O_2	Water Temp
06/05/2000	12.5	24		20
09/10/2000	25			21.1
10/05/2000	29			

If you select Spreadsheet format the data will be displayed in one of two ways. If you use Internet Explorer, Excel will open in your browser window like the following example:



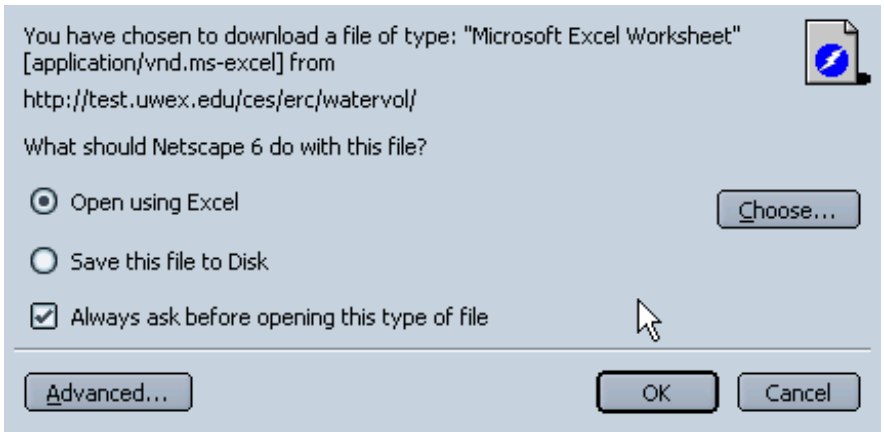
	A	B	C	D	E	F	G
1				Water Action Volunteer Data			
2	Site ID	Description	Sample Date	WBIC Description	WBIC	Turbidity Tube Reading	Water Temperature °C
3	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	2/19/1997	FISHER CR	62500	4.5	
4	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	2/25/1997	FISHER CR	62500	4.5	
5	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	3/2/1997	FISHER CR	62500	6.5	
6	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	3/9/1997	FISHER CR	62500	7	
7	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	3/23/1997	FISHER CR	62500	21	
8	42	FC001 Fischer Creek @ Hwy 32, Howards Grove	6/6/1999	FISHER CR	62500	23	14
9	53	FC002 Fischer Creek Trib @ Highland Rd.	6/6/2000	FISHER CR	62500	12.5	20
10	53	FC002 Fischer Creek Trib @ Highland Rd.	9/6/2000	FISHER CR	62500	25	21.1
11	53	FC002 Fischer Creek Trib @ Highland Rd.	10/6/2000	FISHER CR	62500	29	

You may click on the Save As… in the File menu and then select Microsoft Excel Workbook as the Save As Type from that pull-down menu.



Give the file a name and save. You may then do any data analysis in Excel that you wish.

If you use a different browser, like Netscape, instead of seeing the data displayed in the browser in Excel, you will see a prompt like the following:



You may then open the data in your spreadsheet, by clicking on OK. Once it is in the spreadsheet you may follow the instructions above for saving the data in Excel format.