

Continuous Meter Upload

Uploading continuous meter data is possible through using the SWIMS forms area. The system is customized to allow you to use the specific format in which your data is configured when it is downloaded from the unit. In some cases you will have to use the boxcar pro or similar software to export the data in text delimited or comma separated value (CSV) format.

Step 1: Click on “add new”

Wisconsin
Department of Natural Resources

Surface Water Integrated Monitoring System (SWIMS)

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATIONS MANAGE DATA MY PROJECTS

Submit Data

View List

View what you've already entered. To edit data, or to add field results to lab samples that have come in, use the "pencil icon". There is also an option to "Add New Monitoring Data".

Add New

Add new monitoring data. This option will add a new "Fieldwork Event" (date/time, station, etc.), which you can then add field results to.

Step 2: Use the data entry wizard just like you would for the lab slip area, identifying the project, collectors, station, and date of fieldwork:

Step 3: Enter any instantaneous data collected during unit deployment. New parameters will be added to this area to accommodate a wider range of instantaneous measures. These values are not required to upload your data.

Surface Water Integrated Monitoring System (SWIMS)

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Home -> Fieldwork Event and Result Form
 Fields denoted with an asterisk (*) are REQUIRED.
 Fieldwork event data can be corrected later after submitting parameter results below.

You Are Entering Data For: **Project:** CLMN AT CHEROKEE LAKE
Start Date Time: 05/10/2007
Station: 10001238 - CHEROKEE LAKE - CHEROKEE LAKE

Continuous Data Upload
 Initiate a fieldwork event for continuous data, enter instantaneous measures and field observations.

Parameter	Result	Units	Method
TEMPERATURE FIELD	25	DEGREES C	
CLOUD COVER	90	%	
Stream Characteristics: Ave. Width, Depth, Mex:	ave width is 25 ft, depth is 4 ft.		

Save and Enter Another Date Save and Return to List Save and Upload Continuous Data

Click Save and edit to initiate continuous data file upload.

Step 4: Upload the file, document method and other information. The data must be formatted correctly for a successful upload to SWIMS. The following pages show the correct format for your data.

Surface Water Integrated Monitoring Sy:

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATIONS MAN

Continuous Monitoring File Upload

File to upload: Browse...

Type of Continuous Monitoring File: AQUA Meter

Collection Method to assign: Search for Method

Total Drift for Dissolved Oxygen: mg/L

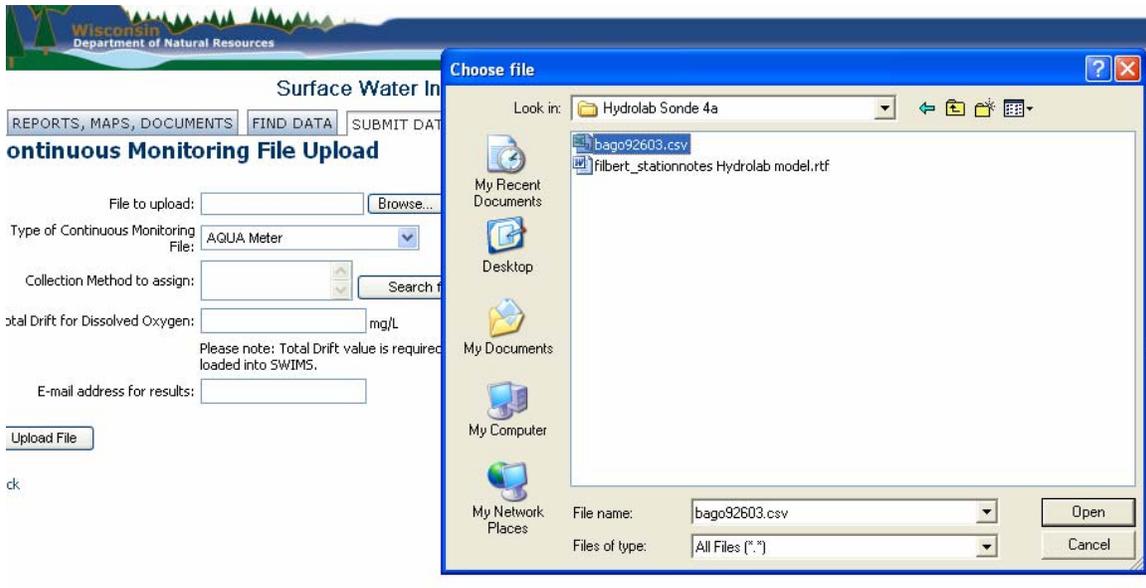
Please note: Total Drift value is required for upload of dissolved oxygen data loaded into SWIMS.

E-mail address for results:

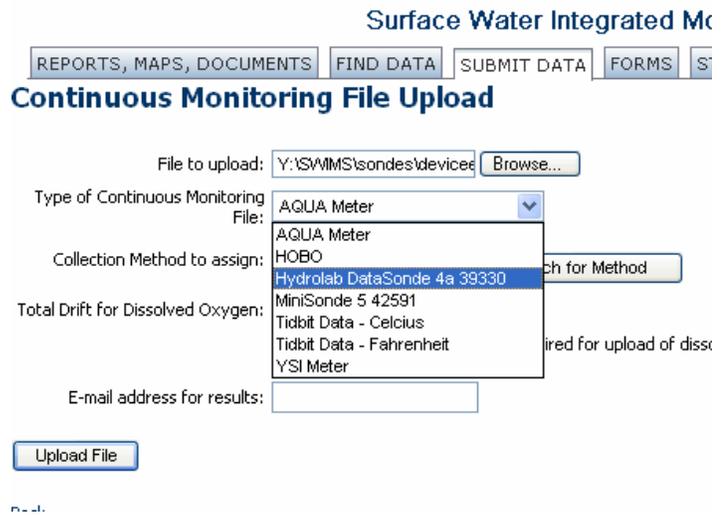
Upload File

A note on drift: Total Drift value is required for upload of dissolved oxygen data. Value may be positive or negative. The 2006-07 Guidance on Sondes Data Collection indicates that datasets with Total drift values > 1 mg/L or < -1 mg/L should not be loaded into SWIMS. However, the system will allow you to enter the total drift value of zero for situations where you have not collected total drift.

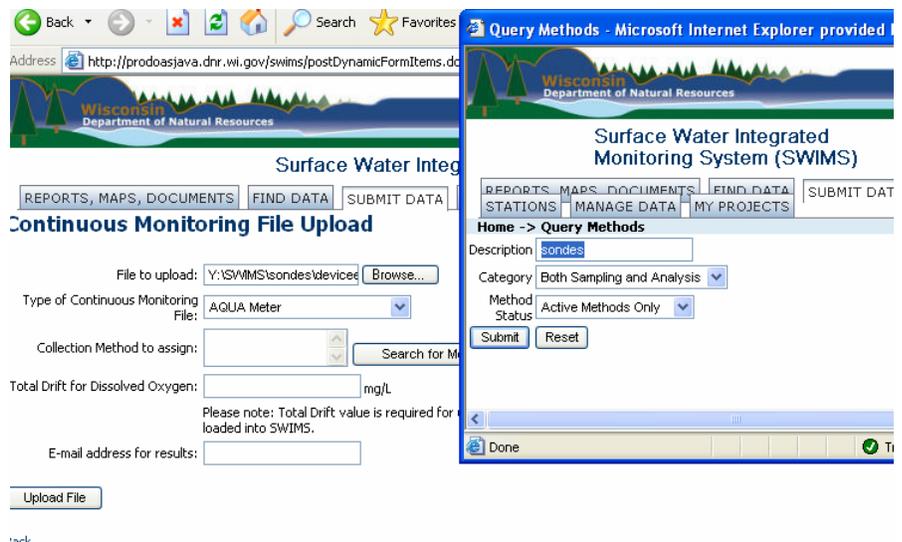
Step 5a: Navigate to file (needs to be in correct format)



Step 5b: Select the meter name for the unit you've used – *this will tell the system which format to expect.*



Step 5c: Select the method used- "Sondes" Guidance should be selected.



Surface Water Integrated Monitoring (SWIMS)

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA

Continuous Monitoring File Upload

File to upload: Y:\SWIMS\sondes\device... Browse...

Type of Continuous Monitoring File: AQUA Meter

Collection Method to assign: Multi-Parameter Field Data - 2006 Search

Total Drift for Dissolved Oxygen: mg/L

Please note: Total Drift value is required for upload of dissolved oxygen data into SWIMS.

E-mail address for results:

Upload File

Method Code	Description
DNR-FPM-SONDES2006	Multi-Parameter Field Data

Currently, you will be logged out automatically after 15 minutes of inactivity or you can log out manually.

The Official Internet site for the Wisconsin Department of Natural Resources
101 S. Webster Street, PO Box 7921, Madison, Wisconsin

Your completed page should look something like this:

Surface Water Integrated Monitoring (SWIMS)

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATUS

Continuous Monitoring File Upload

File to upload: Y:\SWIMS\sondes\device... Browse...

Type of Continuous Monitoring File: Hydrolab DataSonde 4a 39330

Collection Method to assign: Multi-Parameter Field Data - 2006 Search for Method

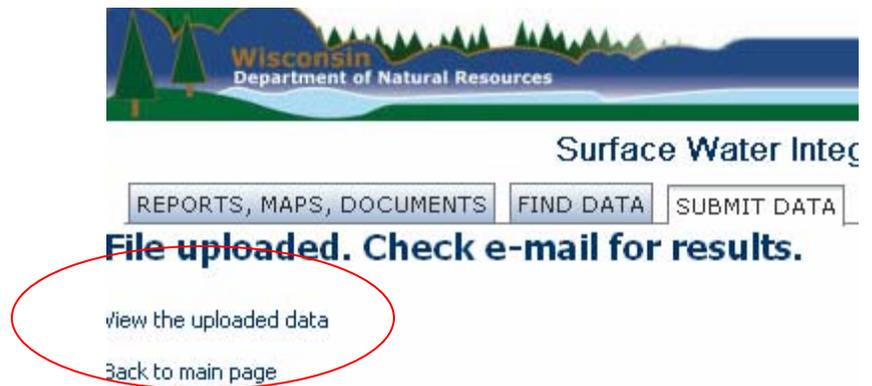
Total Drift for Dissolved Oxygen: .5 mg/L

Please note: Total Drift value is required for upload of dissolved oxygen data into SWIMS.

E-mail address for results: LISA.HELMUTH@WISCON

Upload File

Step 6: Once you upload your data, the page will ask you to view the uploaded data:



Step 7: View your data to validate the results – make sure the tool worked correctly for your dataset by checking for minimums, maximums, and ‘does this make sense?’.

Field Results

L	R	DNR Parameter	Type	Description	Result	Units	Prese
		32	DNR_STORET	CLOUD COVER	90	%	
		200	SWIMS	TOTAL DRIFT - DISSOLVED OXYGEN CONTINUOUS METER	.5	MG/L	
		400	SWIMS	Stream Characteristics: Ave. Width, Depth, Meanders (Description)	ave width is 25 ft, depth is 4 ft.		

DNR Parameters with more than 10 records are being hidden.

Summary Results

L	R	DNR Parameter	Type	Description	Result	Units	Prese
		80001	SWIMS	Calculated Mean Daily Temperature	14.99	C	
		80001	SWIMS	Calculated Mean Daily Temperature	14.64	C	
		80001	SWIMS	Calculated Mean Daily Temperature	11.89	C	
		80002	SWIMS	Calculated Maximum Daily Temperature	15.19	C	
		80002	SWIMS	Calculated Maximum Daily Temperature	14.75	C	
		80002	SWIMS	Calculated Maximum Daily Temperature	14.34	C	
		80003	SWIMS	Calculated Minimum Daily Temperature	14.71	C	
		80003	SWIMS	Calculated Minimum Daily Temperature	14.36	C	
		80003	SWIMS	Calculated Minimum Daily Temperature	0	C	
		80004	SWIMS	Calculated Mean of Maximum Daily Temperatures (for fieldwork period)	14.76	C	
		80006	SWIMS	Maximum Daily Mean (highest value of Maximum Daily Mean (highest value of ... Calculated max daily mean temp	14.99	C	

Reviewing Continuous Data in SWIMS

Surface Water Integrated Monitoring System (SWIMS) Updates | Help

REPORTS, MAPS, DOCUMENTS | FIND DATA | SUBMIT DATA | FORMS | STATIONS | MANAGE DATA | MY PROJECTS

Home -> View Fieldwork Event

Fieldwork Start: 05/10/2007
 Fieldwork End: 09/28/2003 11:59 PM
 Project(s): CLMN AT CHEROKEE LAKE
 Data Collector(s): JULIA RILEY
 Fieldwork Event Status: COMPLETE
 Field Sample ID: [blank]
 Station Org: 21W15
 Station ID: 10001238
 Station Name: CHEROKEE LAKE - CHEROKEE LAKE
 Station Type: LAKE
 WBIC: 806500
 Waterbody Name: CHEROKEE LAKE
 Field Description: [blank]
 Report To: [blank]
 Report to EPA? Y
 Comments: [Dissolved Oxygen raw data corrected using total drift of .5 mg/L (05/10/2007)]
 Labslip Account #: [blank]

ack to Browse | Vertical Measurement(s) | Fieldwork Location | Results | rojects | Labslips | Enable Edit | nload

		Field Results					Previous 1-3 of 3 Next	
L	R	DNR Parameter	Type	Description	Result	Units	Prese	
		32	DNR_STORET	CLOUD COVER	90	%		
		200	SWIMS	TOTAL DRIFT - DISSOLVED OXYGEN CONTINUOUS METER	.5	MG/L		
		400	SWIMS	Stream Characteristics: Ave. Width, Depth, Meanders (Description)	ave width is 25 ft, depth is 4 ft.			

DNR Parameters with more than 10 records are being hidden. [Show .](#)

		Summary Results					Previous 1-20 of 39 Next	
L	R	DNR Parameter	Type	Description	Result	Units	Prese	
		80001	SWIMS	Calculated Mean Daily Temperature	14.99	C		
		80001	SWIMS	Calculated Mean Daily Temperature	14.64	C		
		80001	SWIMS	Calculated Mean Daily Temperature	11.89	C		
		80002	SWIMS	Calculated Maximum Daily Temperature	15.19	C		
		80002	SWIMS	Calculated Maximum Daily Temperature	14.75	C		
		80002	SWIMS	Calculated Maximum Daily Temperature	14.34	C		
		80003	SWIMS	Calculated Minimum Daily Temperature	14.71	C		
		80003	SWIMS	Calculated Minimum Daily Temperature	14.36	C		
		80003	SWIMS	Calculated Minimum Daily Temperature	0	C		
		80004	SWIMS	Calculated Mean of Maximum Daily Temperatures (For fieldwork period)	14.76	C		
		80006	SWIMS	Maximum Daily Mean (highest value of 80004). Calculated max daily mean temp	14.99	C		

Continuous data in swims looks like other fieldwork except that the detailed raw data that was uploaded is "hidden" upon opening the fieldwork event. These data are available for viewing or downloading.

Reviewing Summary or Computed Values:

Surface Water Integrated Monitoring System (SWIMS) Updates | Help

REPORTS, MAPS, DOCUMENTS | FIND DATA | SUBMIT DATA | FORMS | STATIONS | MANAGE DATA | MY PROJECTS

Home -> View Labslip / Sample Group

Collection Method: [blank]
 Sample/Labslip ID: [blank]
 Lab ID: [blank]
 Collection Date/Time (Start): 09/26/2003 12:00 AM
 Collection Date/Time (End): 09/26/2003 11:59 PM
 Collector: [blank]
 Account #: [blank]
 ID No: 10001238
 ID Point No: [blank]
 Second ID No: [blank]
 Field No: [blank]
 Project #: [blank]
 Sample Description: Calculated values from original raw data
 Location Description: [blank]
 Received: [blank]
 Reported: [blank]
 Report To: [blank]
 Address: [blank]
 City/State: [blank]
 Source Media: WATER
 Status: COMPLETE
 QC Flag: N
 Report to EPA? N
 Enforcement Sample? [blank]

		Sample Results					Previous 1-11 of 11 Next	
		DNR Parameter	Type	Description	Result	Units	Prese	
		80001	SWIMS	Calculated Mean Daily Temperature	14.99	C		
		80003	SWIMS	Calculated Minimum Daily Temperature	14.71	C		
		80002	SWIMS	Calculated Maximum Daily Temperature	15.19	C		
		80007	SWIMS	Calculated Mean Daily Conductivity	.36	UMHOS/CM		
		80009	SWIMS	Calculated Minimum Daily Conductivity	.35	UMHOS/CM		
		80008	SWIMS	Calculated Maximum Daily Conductivity	.36	UMHOS/CM		
		80015	SWIMS	Calculated Maximum Daily Turbidity, Field Nephelometric NTU (82078)	8.87	SU		
		80010	SWIMS	Calculated Mean Daily Dissolved Oxygen Percent of Saturation	97.68	%		
		80020	SWIMS	Calculated Mean Daily Dissolved Oxygen	9.44	MG/L		
		80021	SWIMS	Calculated Minimum Daily Dissolved Oxygen	9.13	MG/L		
		80022	SWIMS	Calculated Maximum Daily Dissolved Oxygen	9.71	MG/L		

Sample Vertical Measurement(s)					
Start	End	Units	Material	Type	

The SWIMS continuous upload tool computes the following summary values if the data is included in the upload:

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATIONS MANAGE DATA MY PROJECTS

R Result Parameters

Parameters

Previous 1-25 of 57 Next Order By

Parameter Code	Parameter Type	Description
80001	SWIMS	Calculated Mean Daily Temperature
80002	SWIMS	Calculated Maximum Daily Temperature
80003	SWIMS	Calculated Minimum Daily Temperature
80004	SWIMS	Calculated Mean of Maximum Daily Temperatures (for fieldwork period)
80005	SWIMS	Calculated Mean Monthly Temperature (for complete months only)
80006	SWIMS	Maximum Daily Mean (highest value of 80004). Calculated max daily mean temp over fieldwork period.
80007	SWIMS	Calculated Mean Daily Conductivity
80008	SWIMS	Calculated Maximum Daily Conductivity
80009	SWIMS	Calculated Minimum Daily Conductivity
80010	SWIMS	Calculated Mean Daily Dissolved Oxygen Percent of Saturation
80011	SWIMS	Calculated Maximum Daily Dissolved Oxygen Percent of Saturation
80012	SWIMS	Calculated Minimum Daily Dissolved Oxygen Percent of Saturation
80013	SWIMS	Calculated Mean Daily Turbidity, Field Nephelometric NTU (82078)
80014	SWIMS	Calculated Minimum Daily Turbidity, Field Nephelometric NTU (82078)
80015	SWIMS	Calculated Maximum Daily Turbidity, Field Nephelometric NTU (82078)
80016	SWIMS	Calculated Mean Daily pH (400)
80017	SWIMS	Calculated Minimum Daily pH (400)
80018	SWIMS	Calculated Maximum Daily pH (400)
80020	SWIMS	Calculated Mean Daily Dissolved Oxygen
80021	SWIMS	Calculated Minimum Daily Dissolved Oxygen
80022	SWIMS	Calculated Maximum Daily Dissolved Oxygen
80023	SWIMS	Calculated Minimum Daily Mean Dissolved Oxygen. Calculated min daily mean d.o. (80020) over the fieldwork
80024	SWIMS	Calculated Percent of Sample Period below 6 mg/l
80025	SWIMS	Calculated Percent of Sample Period below 5 mg/l
80026	SWIMS	Calculated Percent of Sample Period below 3 mg/l

Each Fieldwork Event will display all parameter values for raw data under the "L" Labslip or Sample Group magnifying glass:

Surface Water Integrated Monitoring System (SWIMS) Updates | Help

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATIONS MANAGE DATA MY PROJECTS

Home -> View Fieldwork Event

Fieldwork Start 05/10/2007

Fieldwork End 09/28/2003 11:59 PM

Project(s) CLMN AT CHEROKEE LAKE

Data Collectors JULIA RILEY

Fieldwork Event Status COMPLETE

Field Sample ID

Station Org. 21WIS

Station ID 10001238

Station Name CHEROKEE LAKE - CHEROKEE LAKE

Station Type LAKE

WBIC 806500

Waterbody Name CHEROKEE LAKE

Field Description

Report To

Report to EPA? Y

Comments [Dissolved Oxygen raw data corrected using total drift of .5 mg/L (05/10/2007)]

Labslip Account #

Field Results

Hide DNR Parameters with more than 10 records

Previous 1-20 of 568 Next

L	R	DNR Parameter	Type	Description	Result	Units	Present/
		10	DNR_STORET	TEMPERATURE FIELD	25	DEGREES C	
		10	DNR_STORET	TEMPERATURE FIELD	15.06	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.13	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.13	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.16	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.18	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.16	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.1	C	
		10	DNR_STORET	TEMPERATURE FIELD	15.04	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.74	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.76	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.79	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.8	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.86	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.91	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.93	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.96	C	
		10	DNR_STORET	TEMPERATURE FIELD	15	C	
		10	DNR_STORET	TEMPERATURE FIELD	14.65	C	

Back to Browse | Vertical Measurement(s) | Fieldwork Location | Results | Projects | Labslips | Enable Edit | Download

To download the Data, "disable edit" and the download button will show:



Surface Water Integrated Monitoring System (SWIMS)

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA FORMS STATIONS MANAGE DATA MY PROJ

Home -> View Fieldwork Event

Fieldwork Start	05/10/2007	Field Results			
Fieldwork End	09/28/2003 11:59 PM	L	R	DNR Parameter	Type
Project(s)	CLMN AT CHEROKEE LAKE				Descr
Data Collectors	JULIA RILEY				
Fieldwork Event Status	COMPLETE				
Field Sample ID					
Station Org.	21WIS				
Station ID	10001238				
Station Name	CHEROKEE LAKE - CHEROKEE LAKE				
Station Type	LAKE				
WBIC	806500				
Waterbody Name	CHEROKEE LAKE				
Field Description					
Report To					
Report to EPA?	Y				
Comments	[Dissolved Oxygen raw data corrected using total drift of .5 mg/L (05/10/2007)]				
Labslip Account #					

L	R	DNR Parameter	Type	Descr
		32	DNR_STORET	CLOUD C
		200	SWIMS	TOTAL D OXYGEN
		400	SWIMS	Stream C Width, D (Descript

Summary Results

L	R	DNR Parameter	Type	Description
		80001	SWIMS	Calculated Mea
		80001	SWIMS	Calculated Mea
		80001	SWIMS	Calculated Mea
		80002	SWIMS	Calculated Max
		80002	SWIMS	Calculated Max
		80002	SWIMS	Calculated Max

Back to Browse | Vertical Measurement(s) | Fieldwork Location | Results | Projects | Labslips | Enable Edit | **Download**

Surface Water Inte

REPORTS, MAPS, DOCUMENTS FIND DATA SUBMIT DATA

Download SWIMS Data

- Fieldwork Events
- Database Key
 - Fieldwork Start
 - Fieldwork End
 - Project(s)
 - Labslip Account #
 - Group
 - Status
 - Field Sample ID
 - Fieldwork Depth
 - Station Org.
 - Station ID
 - Station Name
 - Station Type
 - WBIC
 - Waterbody Name
 - Field Description
 - Report To
 - Report To EPA
 - Comments

Add level of detail: <no detail>

Download the Data

Field Description

Report To

Report To EPA

Comments

Select All Unselect All

Add level of detail: <no detail>

Download the Data

Done

start

Download the Data

Download SWIMS Data

Fieldwork Events	Sample Results		
Database Key	<input type="checkbox"/>	DNR Parameter	<input checked="" type="checkbox"/>
Fieldwork Start	<input checked="" type="checkbox"/>	Parameter Type	<input checked="" type="checkbox"/>
Fieldwork End	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>
Project(s)	<input type="checkbox"/>	Result	<input checked="" type="checkbox"/>
Labslip Account #	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>
Group	<input checked="" type="checkbox"/>	Present/Absent	<input checked="" type="checkbox"/>
Status	<input type="checkbox"/>	Analysis Method	<input type="checkbox"/>
Field Sample ID	<input type="checkbox"/>	Start Date/Time	<input checked="" type="checkbox"/>
Fieldwork Depth	<input type="checkbox"/>	Analysis Date/Time	<input checked="" type="checkbox"/>
Station Org.	<input type="checkbox"/>	Result Depth	<input type="checkbox"/>
Station ID	<input checked="" type="checkbox"/>	Header/Labslip Depth	<input type="checkbox"/>
Station Name	<input checked="" type="checkbox"/>	Lab ID	<input type="checkbox"/>
Station Type	<input type="checkbox"/>	Sample/Labslip ID	<input type="checkbox"/>
WBIC	<input type="checkbox"/>	Lab Method	<input type="checkbox"/>
Waterbody Name	<input type="checkbox"/>	Lab Comments	<input type="checkbox"/>
Field Description	<input type="checkbox"/>	LOD	<input type="checkbox"/>
Report To	<input type="checkbox"/>	Lower Bound	<input type="checkbox"/>
Report To EPA	<input type="checkbox"/>	LOQ	<input type="checkbox"/>
Comments	<input type="checkbox"/>	Upper Bound	<input type="checkbox"/>
		ID No	<input type="checkbox"/>
		ID Point No	<input type="checkbox"/>
		Second ID No	<input type="checkbox"/>

Select All Unselect All

Add level of detail: All Results

WBIC	<input type="checkbox"/>	Lab Method	<input type="checkbox"/>
Waterbody Name	<input type="checkbox"/>	Lab Comments	<input type="checkbox"/>
Field Description	<input type="checkbox"/>	LOD	<input type="checkbox"/>
Report To	<input type="checkbox"/>	Lower Bound	<input type="checkbox"/>
Report To EPA	<input type="checkbox"/>	LOQ	<input type="checkbox"/>
Comments	<input type="checkbox"/>	Upper Bound	<input type="checkbox"/>
		ID No	<input type="checkbox"/>
		ID Point No	<input type="checkbox"/>
		Second ID No	<input type="checkbox"/>
		Field No	<input type="checkbox"/>
		Project #	<input type="checkbox"/>
		Sample Description	<input type="checkbox"/>
		Location Description	<input type="checkbox"/>
		Received	<input type="checkbox"/>
		Reported	<input type="checkbox"/>

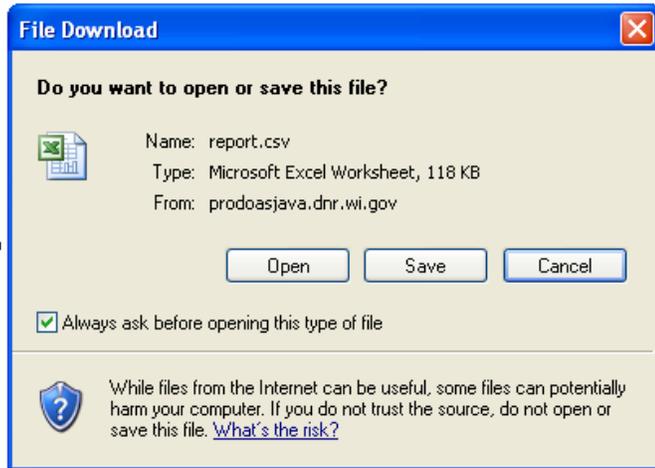
Select All Unselect All

Add level of detail: <no detail>

Download the Data

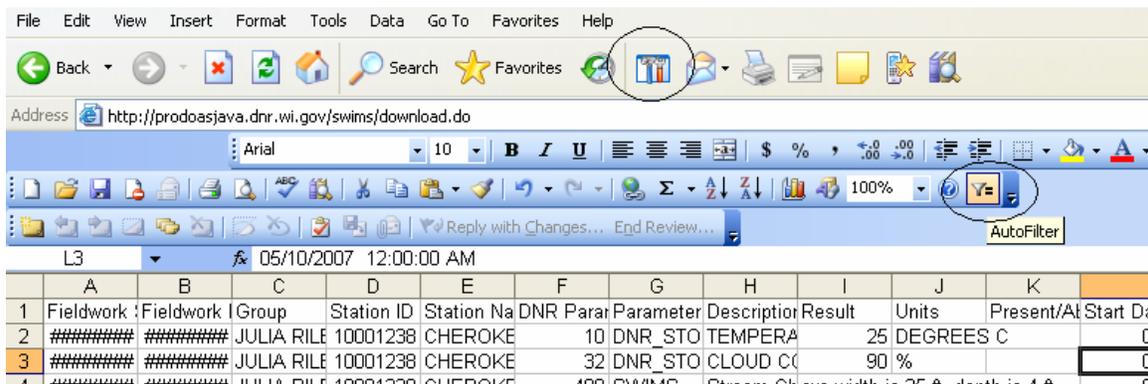
WBIC
 Waterbody Name
 Field Description
 Report To
 Report To EPA
 Comments
 Lab Method
 Lab Comments
 LOD
 Lower Bound
 LOQ
 Upper Bound
 ID No
 ID Point No
 Second ID No
 Field No
 Project #
 Sample Description
 Location Description
 Received
 Reported

 Add level of detail: All Results



	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Fieldwork	Fieldwork	Group	Station ID	Station Na	DNR Para	Parameter	Description	Result	Units	Present/At	Start Date/Time	Analysis Date/T	
2	#####	#####	JULIA RILE	10001238	CHEROKE	10	DNR_STO	TEMPERA	25	DEGREES C		05/10/2007 0:00	05/10/20	
3	#####	#####	JULIA RILE	10001238	CHEROKE	32	DNR_STO	CLOUD CO	90	%		05/10/2007 0:00	05/10/20	
4	#####	#####	JULIA RILE	10001238	CHEROKE	400	SWIMS	Stream Chave width is 25 ft, depth is 4 ft.					05/10/2007 0:00	05/10/20
5	#####	#####	JULIA RILE	10001238	CHEROKE	10	DNR_STO	TEMPERA	15.06	C		09/26/2003 10:30	09/26/200	
6	#####	#####	JULIA RILE	10001238	CHEROKE	400	DNR_STO	PH FIELD	8.98			09/26/2003 10:30	09/26/200	
7	#####	#####	JULIA RILE	10001238	CHEROKE	94	DNR_STO	CONDUCT	0.352	MS/CM		09/26/2003 10:30	09/26/200	
8	#####	#####	JULIA RILE	10001238	CHEROKE	301	DNR_STO	OXYGEN,	99.4	%		09/26/2003 10:30	09/26/200	
9	#####	#####	JULIA RILE	10001238	CHEROKE	82078	DNR_STO	TURBIDITY	11	NTU		09/26/2003 10:30	09/26/200	
10	#####	#####	JULIA RILE	10001238	CHEROKE	300	DNR_STO	DISSOLVE	9.66468	MG/L		09/26/2003 10:30	09/26/200	
11	#####	#####	JULIA RILE	10001238	CHEROKE	10	DNR_STO	TEMPERA	15.12	C		09/26/2003 11:00	09/26/200	
12	#####	#####	JULIA RILE	10001238	CHEROKE	400	DNR_STO	PH FIELD	8.96			09/26/2003 11:00	09/26/200	
13	#####	#####	JULIA RILE	10001238	CHEROKE	94	DNR_STO	CONDUCT	0.353	MS/CM		09/26/2003 11:00	09/26/200	
14	#####	#####	JULIA RILE	10001238	CHEROKE	301	DNR_STO	OXYGEN,	100	%		09/26/2003 11:00	09/26/200	
15	#####	#####	JULIA RILE	10001238	CHEROKE	82078	DNR_STO	TURBIDITY	12	NTU		09/26/2003 11:00	09/26/200	
16	#####	#####	JULIA RILE	10001238	CHEROKE	300	DNR_STO	DISSOLVE	9.70936	MG/L		09/26/2003 11:00	09/26/200	
17	#####	#####	JULIA RILE	10001238	CHEROKE	10	DNR_STO	TEMPERA	15.13	C		09/26/2003 11:30	09/26/200	
18	#####	#####	JULIA RILE	10001238	CHEROKE	400	DNR_STO	PH FIELD	8.95			09/26/2003 11:30	09/26/200	
19	#####	#####	JULIA RILE	10001238	CHEROKE	94	DNR_STO	CONDUCT	0.354	MS/CM		09/26/2003 11:30	09/26/200	

Using Excel "TOOLS" to enable "autofilter"



Formats for Data Upload:

Use this chart to find the correct format and columns and column order for uploading your data			
	Device Name	Format	Notes
Temp Only			
	Onset Thermister	TXT comma delimited	The txt file is the exported Excel text version of the dtf file using the ONSET export application.
	Tidbit - C	TXT tab delimited Celsius	
	Tidbit - F	TXT tab delimited Fahrenheit	
Multi-Parameter			
	Aqua	txt tab delimited	
	HydroSonde A	csv file (comma delimited)	
	MiniHydro Sonde	Txt tab delimited	
	YSI	text comma delimited file	

Onset Thermister:

```
ONSET_THERMISTER_309311.txt - Notepad
File Edit Format View Help
Serial Number: 309311 -- Series: Temperature (*C)
Date,Time,Temperature (*C)
05/22/06,00:00:00.0,15.86
05/22/06,01:00:00.0,15.69
05/22/06,02:00:00.0,15.54
05/22/06,03:00:00.0,15.38
05/22/06,04:00:00.0,15.22
05/22/06,05:00:00.0,14.91
05/22/06,06:00:00.0,14.59
05/22/06,07:00:00.0,14.43
05/22/06,08:00:00.0,14.28
05/22/06,09:00:00.0,14.43
05/22/06,10:00:00.0,14.59
05/22/06,11:00:00.0,14.91
05/22/06,12:00:00.0,15.54
05/22/06,13:00:00.0,15.86
05/22/06,14:00:00.0,16.33
05/22/06,15:00:00.0,16.65
05/22/06,16:00:00.0,16.81
05/22/06,17:00:00.0,16.81
05/22/06,18:00:00.0,16.81
05/22/06,19:00:00.0,16.65
05/22/06,20:00:00.0,16.49
05/22/06,21:00:00.0,16.33
05/22/06,22:00:00.0,16.01
05/22/06,23:00:00.0,15.86
05/23/06,00:00:00.0,15.86
05/23/06,01:00:00.0,15.69
05/23/06,02:00:00.0,15.69
```

Tidbit Celcius:

```
Deer Cr. @STH92 2nd xing Dwnstrm Mt. Hor.txt - Notepad
File Edit Format View Help
Date/Time Temperature (*C) Temperature (*F)
10/06/2005 11:00:00 11.04 51.89
Station_ID = 10012173
10/06/2005 12:00:00 11.35 52.44
Monit_Station_Seq_No = 104302
10/06/2005 13:00:00 11.51 52.72
10/06/2005 14:00:00 11.66 53
10/06/2005 15:00:00 11.82 53.28
10/06/2005 16:00:00 11.66 53
10/06/2005 17:00:00 11.51 52.72
10/06/2005 18:00:00 11.19 52.16
10/06/2005 19:00:00 10.89 51.61
10/06/2005 20:00:00 10.42 50.77
10/06/2005 21:00:00 10.27 50.49
10/06/2005 22:00:00 10.11 50.21
10/06/2005 23:00:00 9.8 49.65
10/07/2005 00:00:00 9.64 49.37
10/07/2005 01:00:00 9.49 49.09
10/07/2005 02:00:00 9.49 49.09
10/07/2005 03:00:00 9.33 48.81
10/07/2005 04:00:00 9.18 48.53
10/07/2005 05:00:00 9.02 48.25
10/07/2005 06:00:00 9.02 48.25
10/07/2005 07:00:00 8.87 47.97
10/07/2005 08:00:00 8.87 47.97
10/07/2005 09:00:00 8.87 47.97
10/07/2005 10:00:00 9.02 48.25
10/07/2005 11:00:00 9.18 48.53
10/07/2005 12:00:00 9.8 49.65
10/07/2005 13:00:00 10.27 50.49

Temperature (*F)
Serial Number: 848174 Series: Temperature (*C)
Serial Number: 848174 Series: Temperature (*F)
Series Temperature (*C)
Logger Info Information specific to the logger
Model Optic stowAway-TEMP(C)ONSET -4C TO 38C
Serial Number 848174
Memory Size (Bytes) 32768
Extra Info Information used by tech support
Model Number 5
Version Number 3
Series Info Information about the data in the series
Points Used 6701
First Point 10/06/05 11:00:00.0
Last Point 07/12/06 15:00:00.0
Duration 279 Days 04:00:00.0
Stats Calculated from the series
Wrap Count 0
Max Value 31.32
Min Value -0.08
Avg Value 7.68
Launch Parameters Mirrors the launch dialog settings
Description Deer Cr. @STH92 2nd xing Dwnstrm Mt. Hor
Wrap On
Interval 01:00:00.0
Measurement Unit Temperature (*C)
Triggered Start off
```

Tidbit Farenheit:

Deer Cr.@STH 92 Thompson Farm.txt - Notepad

File Edit Format View Help

Date/Time	Temperature (*C)	Temperature (*F)	Serial Number	Series
10/06/2005 11:00:00	10.31	50.56	848180	Temperature (*C)
Station_ID = 10010799				
10/06/2005 12:00:00	10.62	51.12	848180	Temperature (*F)
Monit_Station_Seq_No = 102928				
10/06/2005 13:00:00	10.77	51.4		
10/06/2005 14:00:00	10.93	51.68		Series Temperature (*C)
10/06/2005 15:00:00	11.08	51.96		Logger Info Information specific to the logger
10/06/2005 16:00:00	10.93	51.68		Model optic stowAway-TEMP(C)ONSET -4C TO 38C
10/06/2005 17:00:00	10.77	51.4		Serial Number 848180
10/06/2005 18:00:00	10.46	50.84		Memory Size (Bytes) 32768
10/06/2005 19:00:00	10.31	50.56		Extra Info Information used by tech support
10/06/2005 20:00:00	9.99	50		Model Number 5
10/06/2005 21:00:00	9.84	49.72		Version Number 3
10/06/2005 22:00:00	9.68	49.44		Series Info Information about the data in the series
10/06/2005 23:00:00	9.53	49.16		Points Used 6701
10/07/2005 00:00:00	9.37	48.88		First Point 10/06/05 11:00:00.0
10/07/2005 01:00:00	9.37	48.88		Last Point 07/12/06 15:00:00.0
10/07/2005 02:00:00	9.22	48.6		Duration 279 Days 04:00:00.0
10/07/2005 03:00:00	9.22	48.6		Stats calculated from the series
10/07/2005 04:00:00	9.22	48.6		wrap Count 0
10/07/2005 05:00:00	9.06	48.32		Max value 29.61
10/07/2005 06:00:00	9.06	48.32		Min value 1.41
10/07/2005 07:00:00	9.06	48.32		Avg value 8.21
10/07/2005 08:00:00	9.06	48.32		Launch Parameters Mirrors the launch dialog settings
10/07/2005 09:00:00	9.22	48.6		Description Deer Cr.@STH 92 Thompson Farm
10/07/2005 10:00:00	9.37	48.88		wrap on
10/07/2005 11:00:00	9.68	49.44		Interval 01:00:00.0
10/07/2005 12:00:00	10.31	50.56		Measurement Unit Temperature (*C)
10/07/2005 13:00:00	10.46	50.84		Triggered start off

Aqua Unit (Temp, DO)

AQUA_prn8-21.txt - Notepad

File Edit Format View Help

Popple River at CTH N
"8/17 - 8/21,2006"

AQUA 2002 Data Report

Start time [Day] : 08/17/2006 13:00 -229.5416667
 Down load time [Day] : 08/21/2006 12:15 -233.5109259
 Sample interval [Minute(s)] : 0:30
 Battery status at down load : OK
 Samples collected : 191

Notes:

Ken Schreiber
 WCR EAU CLAIRE
 Unit #5

Time	DOY	Temp	DO
08/17/2006 13:00	229.5416667	21.39	6.09
08/17/2006 13:30	229.5625	21.45	6.36
08/17/2006 14:00	229.5833333	21.5	6.62
08/17/2006 14:30	229.6041667	21.54	6.85
08/17/2006 15:00	229.625	21.55	7.1
08/17/2006 15:30	229.6458333	21.58	7.32
08/17/2006 16:00	229.6666667	21.59	7.51
08/17/2006 16:30	229.6875	21.61	7.68
08/17/2006 17:00	229.7083333	21.6	7.75

Hydrosonde (CSV):

A1 DataSonde 4a 39330													
A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	DataSonde 4a 39330												
2	Log File Name : bago92603												
3	Setup Date (MMDDYY) : 092603												
4	Setup Time (HHMMSS) : 080509												
5	Starting Date (MMDDYY) : 092603												
6	Starting Time (HHMMSS) : 103000												
7	Stopping Date (MMDDYY) : 100503												
8	Stopping Time (HHMMSS) : 235959												
9	Interval (HHMMSS) : 003000												
10	Sensor warmup (HHMMSS) : 000200												
11	Circltr warmup (HHMMSS) : 000200												
12													
13													
14	Date	Time	Temp	pH		SpCond		DO%		DO		Turb	
15	MMDDYY	HHMMSS	°C	Units		mS/cm		Sat		mg/l		NTU	
16													
17	09/26/2003	10:30:00	15.06	8.98		0.352		99.4		9.67		11	
18	09/26/2003	11:00:00	15.12	8.96		0.353		100		9.72		12	
19	09/26/2003	11:30:00	15.13	8.95		0.354		99.3		9.65		14	
20	09/26/2003	12:00:00	15.12	8.92		0.355		98.2		9.54		17	
21	09/26/2003	12:30:00	15.13	8.91		0.355		97.9		9.51		21	
22	09/26/2003	13:00:00	15.15	8.89		0.355		98.9		9.6		18	
23	09/26/2003	13:30:00	15.16	8.89		0.356		98.7		9.58		20	
24	09/26/2003	14:00:00	15.18	8.89		0.356		99		9.6		19	
25	09/26/2003	14:30:00	15.18	8.87		0.356		98.5		9.56		24	

MiniSonde (HydroSonde)

A	B	C	D	E	F	G	H	I
1	MiniSonde 5 42591							
2	Log File Name : Little Willow @ Spiral Rd Fall '06							
3	Setup Date (MM/DD/YYYY) : 09/29/2006							
4	Setup Time (HH:MM:SS) : 11:31:11							
5	Starting Date (MM/DD/YYYY) : 09/29/2006							
6	Starting Time (HH:MM:SS) : 12:00:00							
7	Stopping Date (MM/DD/YYYY) : 10/06/2006							
8	Stopping Time (HH:MM:SS) : 12:00:00							
9	Interval (HH:MM:SS) : 01:00:00							
10	Sensor warmup (HH:MM:SS) : 00:00:30							
11	Circltr warmup (HH:MM:SS) : 00:00:30							
12								
13	Date	Time	Temp	pH	SpCond	NH4Tot	LDO%	LDO
14	MM/DD/YYYY	HH:MM:SS	°C	Units	µS/cm	mg/l-N	Sat	mg/l
15								IBatt
16	09/29/2006	12:00:00	9.41	8.25	529	0.05	105.6	11.71
17	09/29/2006	13:00:00	9.54	8.34	527	0.05	108.1	11.95
18	09/29/2006	14:00:00	10.37	8.39	526	0.05	112.6	12.2
19	09/29/2006	15:00:00	11.27	8.41	526	0.06	114.3	12.13
20	09/29/2006	16:00:00	11.46	8.42	526	0.07	111.3	11.76
21	09/29/2006	17:00:00	11.22	8.4	526	0.06	104.9	11.15
22	09/29/2006	18:00:00	11.09	8.39	526	0.06	99.6	10.61
23	09/29/2006	19:00:00	10.88	8.36	526	0.06	94.3	10.1

YSI Unit:

YSI_PRD_3.txt - Notepad

File Edit Format View Help

Date	Time	Temp	SpCond	Dosat	DO	DOChrg	Battery
m/d/y	hh:mm:ss	C	us/cm	%	mg/L		volts
06/14/2006	15:00:47	20.33	284	93.7	8.46	44.5	11.8
06/14/2006	15:30:47	19.71	284	97.4	8.90	44.5	11.8
06/14/2006	16:00:47	19.55	284	98.0	8.98	44.5	11.8
06/14/2006	16:30:47	19.65	283	102.2	9.36	45.7	11.8
06/14/2006	17:00:47	19.91	284	104.9	9.55	45.7	11.8
06/14/2006	17:30:47	20.10	284	102.3	9.28	45.7	11.8
06/14/2006	18:00:47	20.14	284	111.1	10.07	46.9	11.8
06/14/2006	18:30:47	20.37	285	111.4	10.04	46.9	11.8
06/14/2006	19:00:47	20.44	285	108.9	9.81	46.9	11.8
06/14/2006	19:30:47	20.77	286	106.9	9.56	46.9	11.9
06/14/2006	20:00:47	20.69	284	103.9	9.31	45.7	11.8
06/14/2006	20:30:47	20.77	285	102.4	9.16	45.7	11.8
06/14/2006	21:00:47	20.50	286	100.4	9.03	45.7	11.8
06/14/2006	21:30:47	20.57	285	102.2	9.19	45.7	11.8
06/14/2006	22:00:47	20.63	289	97.0	8.71	45.7	11.8
06/14/2006	22:30:47	20.93	287	95.6	8.53	44.5	11.8
06/14/2006	23:00:47	21.12	289	93.9	8.35	44.5	11.8
06/14/2006	23:30:47	21.11	290	93.1	8.27	44.5	11.8
06/15/2006	00:00:47	21.06	291	90.6	8.06	44.5	11.8
06/15/2006	00:30:47	20.92	291	89.2	7.96	44.5	11.8
06/15/2006	01:00:47	20.79	291	86.5	7.73	44.5	11.8
06/15/2006	01:30:47	20.72	292	83.5	7.48	43.9	11.8
06/15/2006	02:00:47	20.59	292	81.6	7.32	43.9	11.8
06/15/2006	02:30:47	20.48	293	79.2	7.13	43.9	11.8
06/15/2006	03:00:47	20.36	293	76.8	6.93	43.9	11.8
06/15/2006	03:30:47	20.22	293	75.0	6.79	42.8	11.8