



IPSWICH RIVER
WATERSHED ASSOCIATION
The Voice of the River

HERRING COUNT TRAINING



Tim & Doug Watts



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WHERE DO I COUNT?

IPSWICH MILLS DAM

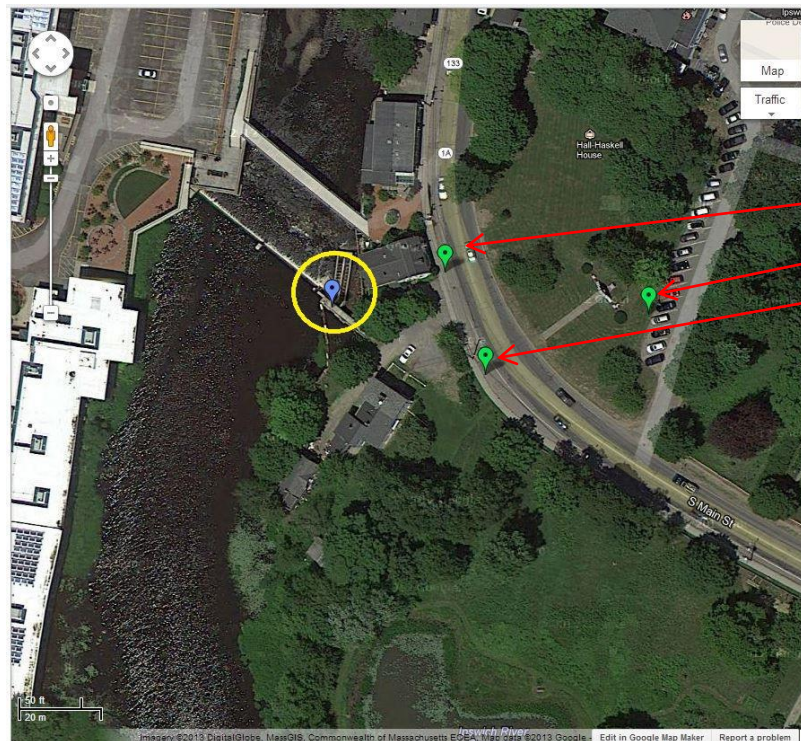




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WHERE IS IT?

See the [map](#) with directions on the IRWA website.



PARKING



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WHERE DO I COUNT?





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HOW DO I COUNT?

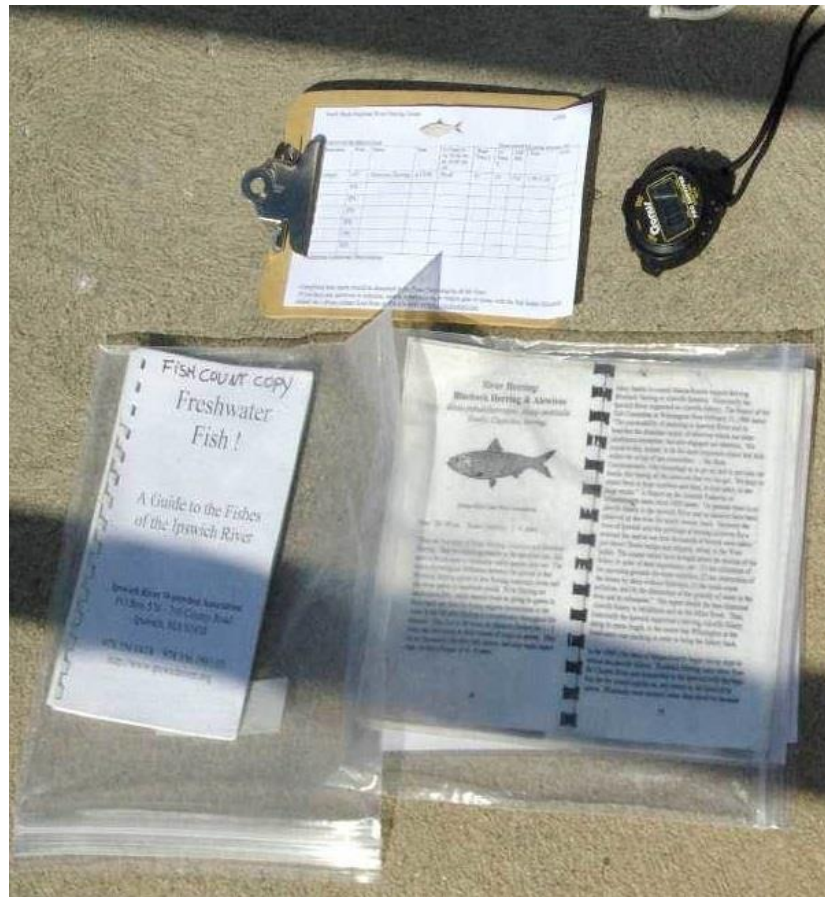
STEP 1: Find box on fence





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STEP 2: Remove everything you will need.




- CLIPBOARD
- PENCIL
- STOPWATCH



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STEP 3:

Record your name and date in the columns on the data sheet.

IPSWICH RIVER WATERSHED ASSOCIATION <i>The Voice of the River</i>				2011				
Ipswich River ERSCO Dam				PLEASE RECORD FISH GOING UPSTREAM ONLY				
Observation	Name	Date	Weather (see key below)	Water Temp C	Air Temp C	AM/PM	Time	# Fish (ONLY record herring)
Example	Henrietta Herring	04/12/11	5	15	19	PM	1:00-1:10	1
1								
2								
3								
4								
5								
6								

Weather Key: 1= no clouds (sunny); 2= 1%-25% clouds; 3=26%-50% clouds; 4=51%-75% clouds; 5=76%-100% clouds; 6= drizzle/light rain; 7=rain/moderate-heavy; 8=sleet/snow; 9=other


Additional Observations:



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STEP 3:

Record the weather on the data sheet.

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Ipswich River EBSCO Dam			PLEASE RECORD FISH GOING UPSTREAM ONLY					
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Additional Observations:



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STEP 5:

Record the air and water temperature in degrees celsius.

- Be sure to turn the air temp. board away from direct sunlight.





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STEP 5 (CONT.):

Record water and air temperature on data sheet.

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Additional Observations:



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STEP 6:

Record the time interval and write “AM” or “PM” in the columns

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Observation	Name	Date	Weather (see key below)	Water Temp C	Air Temp C	AM/P M	Time	# Fish (ONLY record herring)
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2								
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Additional Observations:



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STEP 7:

- Look down at the counting board and begin the stopwatch.
- Watch continuously for TEN minutes.





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WHAT AM I LOOKING FOR?

Watch this [video](#) to see what herring and some other fish look like.






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STEP 8:

- Record the number of any HERRING GOING UPSTREAM (and only herring going upstream) in the “fish” column of the data sheet.
- If any herring are observed going back downstream, subtract that from your total.

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Observation	Name	Date	Weather (see key below)	Water Temp C	Air Temp C	AM/PM	Time	# Fish (ONLY record herring)	
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Additional Observations:



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STEP 9:

- Make any other notable observations about wildlife or other activity around the fish ladder.
- Record these at the bottom of the data sheet.
- Examples:

– I saw a huge snapping turtle!



- Fifteen lamprey came up during my count!
- I dropped the pencil in the river, sorry :(
- The river otter ran up the ladder!



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TYPES OF FISH YOU MIGHT SEE

2008 TRAP RESULTS MOST COMMON FISH



130 ALEWIFE



1021 SEA LAMPREY



18 RED BREASTED
SUNFISH



23 GOLDEN SHINERS



42 WHITE SUCKERS



22 PUMPKINSEED



20 YELLOW PERCH



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TYPES OF FISH YOU MIGHT SEE

2008 TRAP RESULTS LESS COMMON FISH



1 BLUEBACK HERRING



1 PICKEREL



6 LARGEMOUTH BASS



0 AMERICAN SHAD



3 BULLHEAD

**2 AMERICAN
EEL**



1 CREEK CHUBSUCKER



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STEP 10:

- Return all counting tools to the boxes.
- If the data sheet is full, place it in the plastic bag in the box.
- Multiple dates can go on one sheet.
- Hang box back up on fence if you removed it.
- You're done! Thanks! :)



HOW OFTEN DO I COUNT?

- As often or as little as you want!
- Once a day, once a week, one time only, up to you! **

WHEN DO I COUNT?

- There are THREE time periods every day:
- 7 AM to 11 AM – three 10 minute counts
- 11 AM to 3 PM – three 10 minute counts
- 3 PM to 7 PM – three 10 minute counts

**Goal is for random data



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HOW DO I SIGN UP?

- Request email will go out every Thursday for the following week. E-mail [Kate](#) or [Ryan](#) if you would like to be added to the list.
- Log in to the Google calendar:
http://www.google.com/calendar/embed?src=fishcount%40gmail.com&ctz=America/New_York
and see what's open. *I include the URL in every email.*
- Email me and let me know when you want to count.
- I will enter it into the calendar (*ONLY Kate can alter the Google calendar*).
- If you do a drop-in count, check the calendar in the box to see if that time is already covered.



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IWRA fish count

Today April 2008

Print Week Month Agenda

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	Apr 1	2	3		5
		counts start 7am Mark Thayer; Lindsey Willia 11am Paul L'Herrou 3pm Anne Grimes Rand	7am Paul L'Herrou; Mark Thayer; 11am Lindsey Williams; Jane Wood 3pm Mark Thayer	7am Paul L'Herrou; Mark Thayer; 11am Chuck Kollars; Jane Wood 3pm Anne Grimes Rand; Chuck	7am Kate Hone; Mark Thayer; 11am Lindsey Williams 3pm Zach Abuza; Jim Sagris	7am Mark Thayer 11am Chuck Kollars 3pm Chuck Kollars; Jim Sagris
6	7	8			11	12
7am Jane Woodman; Mark Thayer 11am Chuck Kollars; Paul L'Herrou 3pm Chuck Kollars	7am Mark Thayer; Lindsey Willia 11am Jane Woodman; Jim Ugone 3pm Jim Sagris; Zach Abuza	7am Mark Thayer 11am Paul L'Herrou 3pm Anne Grimes Rand; Jim Sag	7am 11am 3pm		7am Kate Hone 11am 3pm	7am Mark Thayer 11am Chuck Kollars 3pm Chuck Kollars
13	14	15			18	19
7am Jane Woodman 11am Chuck Kollars 3pm Chuck Kollars	7am Lindsey Williams; Mark Thayer 11am Jim Ugone 3pm Jane Woodman; Anne Grimes	7am Paul L'Herrou; Jim Sagris 11am Ipswich High 3pm Mark Thayer; Ipswich High	7am 11am 3pm		7am Kate Hone 11am 3pm	7am Ipswich High; Ipswich High 11am Chuck Kollars; Ipswich High 3pm Chuck Kollars; Jim Sagris
20	21	22	23	24	25	26
7am Ipswich High; Lindsey Willia 11am Chuck Kollars; Ipswich High 3pm Chuck Kollars; Jim Sagris	7am Lindsey Williams; Ipswich High 11am Jim Ugone; Ipswich High 3pm Ipswich High; Ipswich High	7am Paul L'Herrou; Anne Grimes 11am Ipswich High; Ipswich High 3pm Ipswich High; Jim Sagris	7am Lindsey Williams; Paul L'Herrou 11am Jim Sagris; Susan Boreri 3pm Jim Sagris; Susan Boreri	7am Paul L'Herrou; Anne Grimes 11am Chuck Kollars; 3pm Chuck Kollars; Jim Sagris	7am Paul L'Herrou; Kate Hone 11am Mark Thayer; Zach Abuza 3pm Ipswich High; Jim Sagris	11am Chuck Kollars; 3pm Chuck Kollars; Jim Sagris
27	28	29	30	May 1	2	3
7am Jane Woodman 11am Chuck Kollars; 3pm Chuck Kollars	11am Jim Ugone; Jane Woodman 3pm	7am Paul L'Herrou; Alex van Aler 11am Chuck Kollars; Ipswich High 3pm Chuck Kollars; Ipswich High	7am Paul L'Herrou 11am Mark Thayer 3pm Jane Woodman; Ipswich High	7am Paul L'Herrou; Alex van Aler 11am Mark Thayer 3pm Ipswich High; Ipswich High	7am Kate Hone 11am Mark Thayer; Ipswich High 3pm Ipswich High; Ipswich high	11am Chuck Kollars 3pm Chuck Kollars

Click on the
"Week" link

Events shown in time zone: Eastern Time





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IWRA fish count

Today Apr 27 - May 3, 2008 ▾

Print **Week** Month Agenda

	Sun 4/27	Mon 4/28	Tue 4/29	Wed 4/30	Thu 5/1	Fri 5/2	Sat 5/3
7am	7 - 11 Jane Woodman		7 - 11 Paul L'Herrou; Alex van Alen	7 - 11 Paul L'Herrou	7 - 11 Paul L'Herrou; Alex van Alen	7 - 11 Kate Hone	
8am							
9am							
10am							
11am	11 - 3p Chuck Kollars;	11 - 3p Jim Ugone; Jane Woodman	11 - 3p Chuck Kollars; Ipswich High; Ipswich High	11 - 3p Mark Thayer	11 - 3p Mark Thayer	11 - 3p Mark Thayer; Ipswich High	11 - 3p Chuck Kollars
12pm							
1pm							
2pm							
3pm	3p - 7p Chuck Kollars		3p - 7p Chuck Kollars; Ipswich High; Ipswich High; Ipswich High	3p - 7p Jane Woodman; Ipswich High; Ipswich High	3p - 7p Ipswich High; Ipswich High	3p - 7p Ipswich High; Ipswich high	3p - 7p Chuck Kollars
4pm							
5pm							
6pm							



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PRIZES!!!

Golden Fish trophy for the most counts.





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What do I do if I have questions?

Kate is first contact:

- fishcount@gmail.com
- (508) 654-8643 (anytime)
- Ryan is second contact:
- rodonnell@ipswichriver.org
- (978) 412-8200 (business hours only)



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THANKS FOR COUNTING!
REMEMBER, EVERY COUNT COUNTS!

