

# A Day in the Life of the Hudson River 2011: *Fishing*

Your site: \_\_\_\_\_ What did you catch on Oct 18<sup>th</sup>?: \_\_\_\_\_

Students with seine nets, as well as catch-and-release traps, caught hundreds of fish and dozens of species on A Day in the Life of the Hudson River Estuary. The table below displays catches from just a handful of sites.

**Catch data for some of the sites on Oct 18<sup>th</sup>, 2011**



River Mile	Site	Atlantic Silverside	White Perch	Striped Bass	Herring	Sunfish	Spottail Shiner
133	Schodack			1			22
108	Germantown		1	16	23	2	37
97	Ulster Landing		1	1		1	25
61	Beacon			1	86		6
55	Cold Spring		1		200	1	2
35	Croton Point	5	6	2		3	5
28	Nyack	22	2	6			
13	Englewood	50		9	10		
NY Harbor	Brooklyn	7					
<b>Fill in the totals:</b>		<b>84</b>	<b>11</b>	<b>36</b>	<b>319</b>	<b>7</b>	<b>97</b>



Answer the questions below based on the table above.

- For the sites listed, which fish was caught in greatest numbers on October 18<sup>th</sup>?  
**Herring, especially because of the one big catch in Cold Spring.**
- Which species were caught in the most places (on this list) on October 18<sup>th</sup>?  
**Striped bass were caught in seven of the locations listed.**

In the Hudson River Estuary, the water near the ocean is salty, while further upriver it is fresh. The leading edge of salty water is called the **salt front**. The salt front was at river mile 36, just north of Croton Point, on October 18<sup>th</sup>.

- Based on the location of the salt front, which of the listed fish species is found mainly in saltwater?  
**Atlantic silversides**
- What two species are found mainly in freshwater?  
**Sunfish and spottail shiners**
- What three species are likely to be found throughout the whole estuary, both fresh and salty?  
**White perch, striped bass, and herring**
- Even if you weren't able to catch fish on October 18<sup>th</sup>, which species from the table above would you be likely to catch at your site?  
**This will depend greatly on where you are. Find a spot on the table that is nearest to your site's river mile, and it's likely that you share some of the same habitats and species.**