

**Day in the Life of the Hudson River 10/20/16 Data**  
**(Salt Front ~ RM 83)**  
**RIVER MILE 117.5 – Athens Riverside Park**  
**Elisa Futia, Edward J. Arthur Elementary School**  
**15 second grade students, 3 adults**



**Location:** Riverfront Park, waterfront of Athens, Greene County across from Middle Ground Flats

**Area:** Grassy Park area with benches and lookout. Vegetated coverage – grassy, parking lot, used for picnics, boating, fishing

**Surrounding Land Use:** 85% residential, 5% beach, 10% industrial commercial

**Shoreline:** Bulkhead and riprap

**Plants in water:** Water chestnut extracted from the current but not covering water

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:34 AM	20°C	68°F	
Wind Speed	Beaufort 1			
Cloud Cover	Overcast			
Weather today	overcast			
Weather recently	Unusually hot for October – near record breaking temperatures			
<i>Water Temperature</i>	11:00AM	15.5°C 60°F		
<i>Water Surface</i>	Calm			
<i>Turbidity</i>	10:30AM	61 cm	92 cm	Average 76.5 cm
<i>Chemical</i>				
Salinity - Quantabs	11:00 AM	39 ppm Cl-	70 ppm TS	1.4 units, 0.007

<i>Fish Catch</i> <i>Minnow trap</i>	<i>Total #</i>	<i>Species –</i>	<i>Size</i>	<i>Totals</i>
<b>FISH – nothing caught but active school by the riprap</b>				
<i>Tide – converted from inches</i>	10:26 AM 10:34 AM 10:42 AM	173.99 cm 177.8 cm 180.34 cm	Falling Falling	*68.5 inches 70 inches 71 inches
<i>Currents</i>	10:30 AM		South	Ebb
<b>Boating -</b>	10:17AM 10:23AM	Tug/barge Speedboat	South South	(kids said police boat)