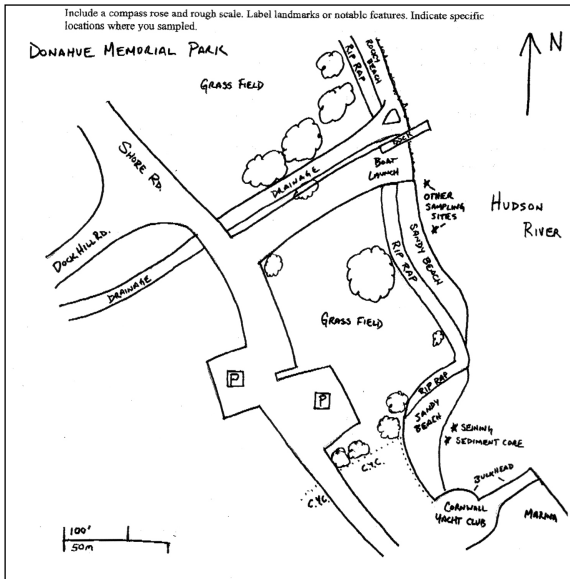


**Day in the Life of the Hudson River 10/12/17 Data  
(Saltfront ~RM 65)  
RIVER MILE 57**

**Donahue Memorial Park, Cornwall Landing, Village of Cornwall-On-Hudson,  
Town of Cornwall, Orange County, NY  
Christopher O'Sullivan, NYSOPRHP Trailside Museums & Zoo  
Deborah Gilson and teacher team @ Willow Ave. Elementary -  
Tom Lake, DEC HREP  
5th grade – 51 students, 10 adults  
GPS Latitude 41°26'36"N Longitude 74°0'1"W**



**Location:** Donahue Memorial Park  
**Area:** Sandy beach used for seining & sediment core, 2<sup>nd</sup> beach area for other sampling.  
**Surrounding Land Use:** 100% open and grassy park  
**Sampling Site:** pier, sandy beach, altered banks, shoreline riprap, bulkhead, collected wood & debris in area,  
**Plants in area:** NR  
**Water depth:** NR  
**River Bottom** – muddy, rocky  
**Observations** – Rocky, algae in sampling area and sampled in sunlight

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b>Physical</b>				
Air Temperature		°C		
Wind Speed				
Cloud Cover				
Weather today				
Weather recently				
<b>Water Temperature</b>	Tom	20.6°C	69°F	
<b>Water Surface</b>	NR			
<b>Turbidity</b> Long sight tube				
<b>Chemical</b>				
DO	NR			
Drop count kit				
pH (indicator sol.)				
Salinity -	Tom	4.0 ppt		

<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>Size</i>	<i>Comment</i>
	79	Blueback Herring	57-75 mm	yoy
	78	Spottail shiner		
<b>(Yoy) = young of yer</b>	57	Striped Bass	70-110 mm	yoy
	27	White perch		
	10	Tessellated Darter		
	8	Bay Anchovy	54-62mm	yoy
	5	Atlantic Menhaden	75-80 mm	yoy
	5	Alewife	80-85 mm	yearling
	3	Atlantic Silverside		
	1	Golden Shiner		
	1	White Sucker		
	1	Pumpkinseed		
<b>Total Catch</b>	<b>275</b>	<b>Diversity 12</b>		
<i>Tides</i>	TIME	RISING/ FALLING	HEIGHT IN CM	RATE OF CHANGE
<i>Currents</i>				
<i>Boat</i>				
<i>Other Observations</i>				