

**Day in the Life of the Hudson River 10/20/15 Data
(Salt Front RM 63.6)
RIVER MILE 92**



**Kingston Point Park, Kingston, Ulster County
GPS Latitude 41°55.6 N Longitude 73°57.90 W
Steve & Julie Noble, Forsyth Nature Center (Site Hosts)
C. Sunzi, George Washington ES– 3&4th grade, 21 students, 5 adults**



Location: Swimming Beach Kingston Point, City of Kingston, forested, beach and parking lot

Area: Used for picnics, boating, fishing, swimming, jogging, kayaking

Surrounding Land Use: 75% forested; 20% beach; 5% Industrial/Commercial

Sampling Site: Beach area - shoreline is sandy with some bricks, banks are altered, collected wood debris in the area, rip rap to north along brickyard shoreline. Sandy shoreline 75 feet from shoreline to parking lot, 200 feet wide with boat launch, large amount of brick debris from prior industry

Plants in area: 10% water chestnut

Water depth: 0 depth

River Bottom : sandy

| <i>ITEM</i> | <i>Time</i> | <i>Reading 1</i> | <i>Reading 2</i> | <i>Comments</i> |
|---|---|----------------------------|---------------------|--------------------|
| Physical | | | | |
| Air Temperature | 1:30 PM | 66°F 19°C | | |
| Wind Speed | 1:20 PM | | 1.5 mph | meter |
| Cloud Cover | 10:30 -12:30 PM | Mostly cloudy 51-75% cover | | |
| Weather today | Cold no rain | | | |
| Weather recently | Windy and cold – 49-63 F | | | |
| Water Surface | Calm | | | |
| Water Temperature | Time | Temperature #1 | Temperature #2 | Average |
| Water Depth 0.5 ft. | 1:30 PM | 51°F 11 °C | | |
| Chemical | | | | |
| DO | | | | |
| Test tabs | | | | |
| pH – pen | | | | |
| Salinity - Quantab | | | . | |
| Fish Catch 30'seine X 4 ft. with bag | Number Caught- 15 | Species - 2 | Largest Size | |
| 11:30 AM | 10 | herring | 10 cm | Diversity 2 |
| 2 hauls | 5 | Striped Bass | 8 cm | Total 15 |
| Tides | 10:50 AM | 0 cm | | |
| | 11:38 AM | 0 cm | | |
| Currents | 10:50 AM | Ebb | | |
| | 11:38 AM | Ebb | | |
| | 11:55 AM | Ebb | | |
| | 1:30 PM | Ebb | | |
| Core Sample | Description | Rare | Common | Abundant |
| Traffic-Commercial | 10:30 AM | Bouchard | Black/Red | Southbound Light |
| Traffic – Recreational | 11:30 AM | Recreational | Yellow | Southbound Light |
| Other Items | Ring billed gulls (counted 100) Raven Lots of bits of brick, we are next to a non-functioning brick factory | | | |
| | | | | |