

Day in the Life of the Hudson River 10/13/22
Rt 28N Bridge & Arbutus Lake Outlet, Newcomb

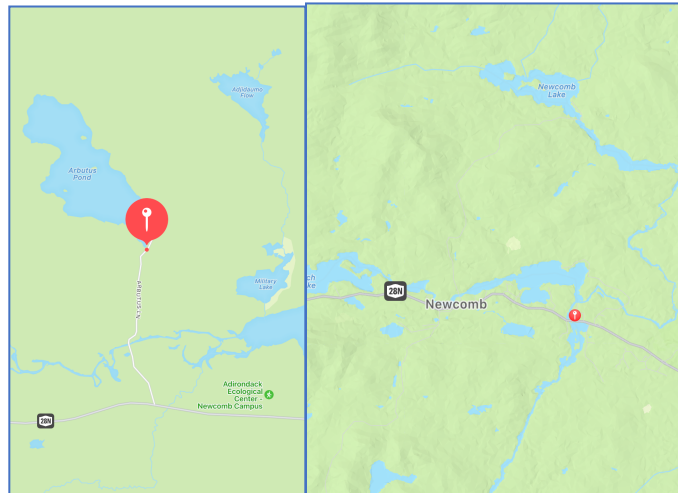
RIVER MILE: 300 & 305

Above the Salt front in the upper Hudson

DITL Runner– Doug Reed

1 adult

Latitude °N & Longitude – °W



Location: Rt 28N Bridge & Arbutus Lake Outlet, Newcomb, NY

Description: Arbutus Lake and the western tributary Archer Creek is the uppermost Hudson River site visited on Wed. Oct 12th (the day before the Day in the Life of the Hudson River Oct 13, 2022.) Arbutus Lake and its forested watershed have been the focus of long-term ecosystem monitoring since 1978.

*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>	
<i>Physical</i>					
<i>Air Temperature-</i>	12:25 PM 2:00 PM 3:01 PM 5:07 PM	18.3°C 18.3°C 17.2°C 17.2°C	65°F 65°F 63°F 63°F		
<i>Wind Speed: NR</i>		<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>	
<i>Weather today</i>	12:25 PM 2:00 PM 3:01 PM 5:07 PM	< 25% cloud cover < 25% cloud cover 51-75% cloud cover >75% cloud cover	No Rain No Rain No Rain No Rain		
<i>Weather the past 3 days:</i>	Clear and dry				
<i>Tides- N/A</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Water Height (cm)</i>		
<i>Current-</i>	<i>Time</i>	<i>ft³/s</i>	<i>Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>

*USGS North Creek stream gage	7:15 AM 2:00 PM	511 72.6			
Water Temperature-	12:25 PM 2:23 PM NR	9.7°C 9.7°C 12.5°C		49.5°F 49.5°F 54.3°F	
Turbidity- NR					
Chemical					
Salinity-NA					
Standardized Salinity – LR Quantab	12:25 PM 2:50 PM	BD BD		BD: Below Detection	
DO – Lamotte Drop Count Kit	<i>Time</i> 2:30 PM	<i>Temp</i> 9.7°C		<i>ppm DO</i> 9.2 ppm	<i>% saturation</i> NR
pH – Color Match Kit	2:23 PM	6.6			
Nitrates- NR					
Phosphates- NR					
Alkalinity- NR					
Biological- Did Not Seine					
Fish –	Number	Name		Length of longest	Length of smallest
Fish Totals	TOTAL:	Diversity:			
Macroinvertebrates	Number	Name		Length of longest	Length of smallest
Macroinvertebrate Totals	TOTAL:	Diversity:			
Sediment Core – NR					
Length	H2S smell	Oxid Top	Oil	Grain Size	Other Features
Boats- NR					
	Time	Name	Color	North/Southbound	Light/Loaded
Commercial					
Recreational					