

Day in the Life of Hudson River 2016
October 20, 2016 Standardized Salinity
***Salt Front (100ppm Cl-) ~ RM 83**

RM	SITE	TIME	CHLORIDE ppm	TOTAL SALINITY ppm	METHOD
Mhk RM 53	Schoharie Creek* <i>*Pouring rain event</i>	NR	40 Cl ppm	72 ppm	LR Quantab 1.6 <i>rain=road salt?</i>
RM 154	Peebles Island	NR	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 153	Green Island Park	10:47 AM	40 Cl ppm	72 ppm	LR Quantab 1.6
RM 145.5	Corning Preserve	10:15 AM	46 Cl-ppm	83 ppm	LR Quantab 1.8 d
RM 140	Papscanee Preserve	10:00 AM	40 Cl ppm	72 ppm	LR Quantab 1.6
RM 138	Henry Hudson Park, Selkirk	12:58 PM	40 Cl ppm	72 ppm	LR Quantab 1.6
RM 133.4	Schodack Island	10:50 AM	46 Cl-ppm	83 ppm	LR Quantab 1.8
RM 124.5	Nutten Hook	12:30 PM	40 Cl ppm	72 ppm	LR Quantab 1.6
RM 123	Coxsackie Riverfront Park	11:27 AM	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 117.5	Hudson Waterfront Park	9:15 AM	46 Cl-ppm	83 ppm	LR Quantab 1.8
RM 117	Athens Waterfront Park	10:53 AM	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 115	Cohotate Preserve	12:45 PM	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 108.5	Lasher Memorial Park, Germantown	11:30 AM	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 102	Saugerties Lighthouse	12:25 PM	40 Cl ppm	72 ppm	LR Quantab 1.6
RM 100.5	Falling Waters Glasco	11:00 AM	34 Cl ppm	61 ppm	LR Quantab 1.4
RM 98	Tivoli Bay South, Annandale	11:30 AM	127 Cl- ppm	229 ppm	LR Quantab 3.6
RM 97	Sojourner Truth, Ulster Landing Park, Saugerties	10:43 AM	46 Cl-ppm	83 ppm	LR Quantab 1.8
RM 92	Kingston – mid channel – Clearwater Sail surface & depth	10:49 AM 11:11 AM	40 Cl- ppm S 86 Cl-ppm D	72 ppm (S) 155 ppm (D)	LR Quantab Surface (S)- 1.6 Depth (30 ft) 2.8
RM 87	Esopus Meadows Ulster Park	10:46 AM	*46 Cl-ppm	83 ppm	LR Quantab 1.8 X two samples
RM 78	Quiet Cove, Poughkeepsie	11:30 AM	*178 Cl- ppm	322 ppm	LR Quantab 4.4
76.4	Highland Landing Park	NT recorded	68 Cl- ppm	123 ppm	LR Quantab 2.4
RM 76	Waryas Park, Poughkeepsie	10:45 AM	178 Cl- ppm	322 ppm	LR Quantab 4.4
RM 75.5	Waryas Park, Poughkeepsie	10:15 AM	127 Cl- ppm	229 ppm	LR Quantab 3.6
RM 65	Chelsea Boat Launch, Newburgh	10:29 AM	1004 Cl- ppm	1814 ppm	HR Quantab 4.8
RM 61.2	Beacon Riverfront Park	12:15 PM	1281 CL- ppm	2314 ppm	HR Quantab 5.4
60.2	Newburgh Yacht Club	1:30 PM	852 Cl- ppm	1539 ppm	HR Quantab 4.4
RM 61	Long Dock Park, Beacon	12:00 PM	1089 CL- ppm	1967 ppm	HR Quantab 5.0
RM 60	Dennings Point,	NR	1389 CL-	2509 ppm	HR Quantab 5.6

	Beacon		ppm		
RM 58	Kowawese Unique Area, New Windsor	11:35 AM	1506 Cl- ppm	2721 ppm	HR Quantab 5.8
RM 57	Cornwall Landing	12:25 PM	1389 Cl- ppm	2509 ppm	HR Quantab 5.6
RM 55	Little Stony Point, Cold Spring	11:30 AM	1506 Cl- ppm	2721 ppm	HR Quantab 5.8
RM 51.5	Garrison Landing	10:44 AM	2287 Cl- ppm	4132 ppm	HR Quantab 6.8
RM 43.5	Riverfront Green, Peekskill	10:45 AM	3296 Cl- ppm	5954 ppm	HR Quantab 7.6
RM 41	Steamboat Dock, Verplanck	11:40 AM	4034 Cl- ppm	7288 ppm	HR Quantab 8.0
RM 40	George's Island	12:35 PM	4034 Cl- ppm	7288 ppm	HR Quantab 8.0
RM 39	Stony Point Park	11:22 AM 12:40 PM	4034 Cl- ppm 3639 Cl- ppm	7288 ppm 6574 ppm	HR Quantab 8.0 AM – 7.8 PM
RM 38	Haverstraw Bay County Park	10:35 AM	4034 Cl- ppm	7288 ppm	HR Quantab 8.0
RM 37	Bowline Point Park	9:37 AM	4034 Cl- ppm	7288 ppm	HR Quantab 8.0
RM 35	Croton Point Park	9:39 AM	4494 Cl- ppm	8119 ppm	HR Quantab 8.2
RM 32.5	Louis Engel Park, Ossining	10:43 AM	5037 Cl- ppm	9100 ppm	HR Quantab 8.4
RM 30.5	Hook Mountain Upper Beach	10:44 AM	4494 Cl- ppm	8119 ppm	HR Quantab 8.2
RM 30.5	Hook Mountain State Park Steps	1:00 PM	5037 Cl- ppm	9100 ppm	HR Quantab 8.4
RM 30.4	Lower Nyack Beach at Hook Mountain, Nyack	11:17 AM	5037 Cl- ppm	9100 ppm	HR Quantab 8.4
RM 28	Memorial Park, Nyack	9:24 AM	456 Cl- ppm	824 ppm	HR Quantab 3.0 *close to creek?
RM 25.4	Piermont Pier, Piermont	11:30 PM		13000 ppm	Refractometer
RM 25	Matthiessen Park, Irvington	12:26 PM		14000 ppm	Refractometer
RM 23	Dobbs Ferry Waterfront	1:45 PM		16000 ppm	Refractometer
RM 22	Kinally Cove, Hastings	812:20 PM		15000 ppm	Refractometer
RM 19.5	JFK Marina	11:05 AM		15000 ppm	Refractometer
RM 19	Alpine Boat Basin	11:50 AM		16000 ppm	Refractometer
RM 18.3	Habirshaw Park, Yonkers	10:00 AM		15000 ppm	Refractometer
RM 14	Inwood Hill Park, NYC	NR		18000 ppm	Refractometer
RM 14	Inwood Hill Park, NYC	9:20 AM		17000 ppm	Refractometer
RM 13	Swindler Cover	1:45 PM		19000 ppm	Refractometer
RM 11.5	Fort Washington Park, NYC	12:07 PM		20000 ppm	Refractometer
RM 6.8	Pier i	1:13 PM		24000 ppm	Refractometer

RM 4.1	Pier 86, HRP, NYC	11:15 AM		22000 ppm	Refractometer
RM 4 E	Pier 84, HRP NYC	12:00 PM		21000 ppm	Refractometer
RM 4 E	Pier 84, HRP NYC	10:00 AM		20000 ppm	Refractometer
RM 4.7	Pier 64	9:47 PM		23000 ppm	Refractometer
RM 4.3	Pier 63	12:15 ppm		22000 ppm	Refractometer
RM 3.2	Pier 45, Hudson River Park Trust, NYC	11:40 AM		20000 ppm	Refractometer
RM 2.9	Pier 40, Hudson River Park Trust, NYC	11:03 AM		24000 ppm	Refractometer
NYH -2	Valentino Pier, Red Hook, NYC	4:15 PM		29000 ppm	Refractometer
NYH -2	Valentino Pier, Red Hook, NYC	9:40AM		27000 ppm	Refractometer
NYH -5	Bay Ridge Veteran Memorial Pier	12:50 PM		29000 ppm	Refractometer
NYH -9.1	Steeplechase Pier, Coney Island	12:55 PM		34000 ppm	Refractometer
East RM 11.5	Barreto Park, East River	11:43 AM		28000 ppm	Refractometer
East RM 8.7	Halletts Point	9:50 AM		28000 ppm	Refractometer
East RM 5.7	Gantry Plaza	12:44 PM		27000 ppm	Refractometer
East RM 5.6	Hunters Point	12:15 pm		25000 ppm	Refractometer
East RM 2.3	Brooklyn Bridge Park, NYC	11:29 AM 2:10 PM		28000 ppm 29000 ppm	Refractometer
East RM 2.3	Fulton Ferry Landing, Brooklyn, NYC	9:20 AM		27000 ppm	Refractometer
East RM 1.7	South Street Seaport, NYC	10:30 AM		27000 ppm	Refractometer
East RM 1.7	South Street Seaport, NYC	3:00 PM		28000 ppm	Refractometer
BRX RM 1.5	Concrete Plant Park	13:09 PM		23000 ppm	Refractometer
HRL RM 1	Wards Island	11:30 AM 11:30 AM		27000 ppm 28000 ppm	Refractometer