

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/13/2021 and 6/26/2021

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Assawoman Bay									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
			6/16/2021	8:05	3.3	46%	Surfc	None	None
			6/23/2021	7:25	4.3	57%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			6/16/2021	8:50	4.7	63%	Surfc	None	None
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			6/23/2021	10:15	2.4	31%	Surfc	None	None
Indian River									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			6/21/2021	10:15	4.9	69%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			6/22/2021	8:30	3.2	46%	Surfc	None	None
Little Assawoman Bay									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			6/21/2021	8:37	2.5	36%	Surfc	None	None
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge.							
			6/21/2021	8:25	2.2	30%	Surfc	None	None
			6/21/2021	8:30	0.2	3%	1.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			6/22/2021	7:45	4.4	64%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			6/22/2021	7:56	3.1	45%	Surfc	Minor	None
		SB09: Carlisle canal							
			6/15/2021	7:05	2.9	40%	Surfc	None	None
			6/22/2021	8:18	1.9	28%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			6/22/2021	7:13	2.8	40%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			6/15/2021	8:28	4.9	71%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			6/22/2021	7:05	4.8	68%	Surfc	None	None
		<u>Little Assawoman Bay</u>							
		LA46: Fenwick Island Tide Gauge							
			6/15/2021	8:00	4.5	60%	Surfc	None	None
			6/22/2021	7:30	3.0	42%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick							
			6/22/2021	8:33	3.9	55%	Surfc	None	None

The state instantaneous standard for Dissolved Oxygen is: the minimum shall not fall below 4.0 ppm.

Aquatic vegetation comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Rehoboth Bay									
	<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		6/14/2021	9:30	3.6	51%	Surfc	None	None	
	<u>Guinea Creek</u>								
		RB06A: Guinea Creek @ Rd 298 Bridge							
		6/22/2021	8:06	3.8	53%	Surfc	None	None	
	<u>Love Creek</u>								
		RB34: Love Creek at Rt 24 Bridge							
		6/22/2021	9:15	4.2	60%	Surfc	None	None	
	<u>Rehoboth Bay</u>								
		RB16E: Rusty Rudder Pier End							
		6/22/2021	9:45	4.9	72%	Surfc	None	None	
		RB38: Joy Beach-bay							
		6/15/2021	10:40	4.6	64%	Surfc	None	None	

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