

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/1/2023 and 7/15/2023

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							
			7/1/2023	8:05	4.5	65%	Surfc	None	None
			7/8/2023	7:40	4.0	62%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			7/12/2023	6:30	3.7	47%	Surfc	Minor	Minor
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			7/11/2023	8:40	4.5	67%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			7/11/2023	7:00	4.0	55%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			7/11/2023	7:30	3.7	54%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
			7/11/2023	7:30	3.7	54%	Surfc	None	None
Little Assawoman Bay									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			7/11/2023	8:30	3.2	48%	Surfc	None	None
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			7/10/2023	8:35	4.2	63%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge							
			7/10/2023	8:49	2.7	36%	Surfc	None	None
			7/10/2023	8:52	1.1	16%	1.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			7/4/2023	7:30	1.5	22%	Surfc	None	Major
			7/11/2023	7:35	2.7	41%	Surfc	None	Minor
		SB02: Anchorage Canal near elbow							
			7/4/2023	8:00	3.7	55%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			7/4/2023	7:35	1.7	25%	Surfc	None	None
			7/11/2023	7:40	2.5	37%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			7/4/2023	7:49	4.9	72%	Surfc	None	None
		SB06: Brandywine Canal							
			7/4/2023	7:41	1.8	27%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			7/4/2023	7:21	4.0	58%	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?
Little Assawoman Bay									
		<u>Jefferson Creek</u>							
		SB09: Carlisle canal							
			7/4/2023	7:07	0.7	10%	Surfc	None	None
			7/11/2023	7:03	1.7	26%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			7/4/2023	8:08	3.1	45%	Surfc	None	None
			7/11/2023	8:15	1.5	22%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			7/4/2023	8:23	3.9	58%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			7/4/2023	8:16	4.1	60%	Surfc	None	None
		SB13: South end of York Canal							
			7/4/2023	7:12	4.6	67%	Surfc	None	None
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			7/10/2023	9:30	3.5	52%	Surfc	None	None
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
			7/10/2023	7:50	3.1	45%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge							
			7/10/2023	8:08	2.2	29%	Surfc	None	None
		<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge							
			7/10/2023	9:55	4.6	63%	Surfc	None	None
		<u>Rehoboth Bay</u>							
		RB07: West Bay Park							
			7/3/2023	8:30	3.3	49%	Surfc	None	None
			7/4/2023	8:30	3.4	51%	Surfc	None	None
			7/10/2023	8:30	3.3	49%	Surfc	None	None
			7/11/2023	8:30	3.4	50%	Surfc	None	None
Rehoboth Beach									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
			7/12/2023	7:45	4.2	52%	Surfc	None	None

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