

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/16/2023 and 7/31/2023

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Assawoman Bay</b>									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
			7/22/2023	7:45	2.6	37%	Surfc	None	None
			7/28/2023	7:05	4.0	59%	Surfc	Minor	None
<b>Broadkill River</b>									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			7/26/2023	8:47	3.6	51%	Surfc	None	None
		BR20: Broadkill River at Milton tidal pond							
			7/19/2023	6:30	4.4	55%	Surfc	Minor	Minor
<b>Indian River</b>									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			7/25/2023	9:00	3.8	64%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			7/25/2023	7:30	1.0	14%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			7/25/2023	8:00	2.3	32%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
			7/20/2023	9:10	0.6		Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			7/25/2023	8:40	3.5	56%	Surfc	None	None
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge							
			7/27/2023	8:57	3.7	28%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			7/18/2023	7:40	3.0	41%	Surfc	None	Minor
			7/25/2023	7:39	0.1	2%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			7/18/2023	8:15	3.6	50%	Surfc	None	None
			7/25/2023	7:58	3.9	55%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			7/18/2023	7:47	3.0	40%	Surfc	None	None
			7/25/2023	7:32	0.2	2%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			7/18/2023	8:04	3.5	47%	Surfc	None	None
			7/25/2023	7:48	4.3	60%	Surfc	None	None
		SB06: Brandywine Canal							
			7/18/2023	7:53	3.7	51%	Surfc	None	None
			7/25/2023	7:27	0.8	12%	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?
<b>Little Assawoman Bay</b>									
		<u>Jefferson Creek</u>							
		SB09: Carlisle canal							
			7/18/2023	7:12	4.6	64%	Surfc	None	None
			7/23/2023	7:06	0.2	2%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			7/18/2023	8:23	1.7	23%	Surfc	None	None
			7/25/2023	8:05	2.2	30%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			7/18/2023	8:43	2.2	30%	Surfc	None	None
			7/25/2023	8:24	4.4	62%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			7/18/2023	8:23	3.0	41%	Surfc	None	None
<b>Rehoboth Bay</b>									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			7/24/2023	9:36	0.7	10%	Surfc	None	None
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch							
			7/27/2023	10:40	3.2	46%	Surfc	None	None
		<u>Rehoboth Bay</u>							
		RB07: West Bay Park							
			7/17/2023	9:00	4.0	59%	Surfc	None	None
			7/24/2023	8:30	2.3	34%	Surfc	None	None
			7/25/2023	8:33	2.7	40%	Surfc	None	None
<b>Rehoboth Beach</b>									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
			7/19/2023	7:50	3.8	48%	Surfc	None	None
			7/26/2023	7:15	2.5	30%	Surfc	None	None
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
			7/26/2023	8:10	4.7	59%	Surfc	None	None
		RL11: Lake Gerar, outlet to ocean							
			7/26/2023	8:20	4.0	51%	Surfc	None	None

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