

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/16/2024 and 7/31/2024

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							
			7/26/2024	7:20	3.6	51%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			7/17/2024	6:00	3.7	47%	Surfc	None	None
			7/31/2024	6:15	4.3	52%	Surfc	Minor	Minor
Indian River									
		<u>Indian River</u>							
		IR07: Holt's Landing State Park							
			7/27/2024	8:25	4.5	62%	Surfc	Minor	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			7/22/2024	8:25	4.9	71%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge							
			7/22/2024	8:52	2.6	37%	1.0 m	None	None
			7/22/2024	8:54	2.0	29%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			7/16/2024	7:43	3.4	52%	Surfc	None	None
			7/23/2024	7:42	1.5	22%	Surfc	None	None
			7/30/2024	7:40	0.6	8%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			7/16/2024	8:07	4.5	69%	Surfc	None	None
			7/23/2024	8:04	3.8	56%	Surfc	None	None
			7/30/2024	8:10	4.8	69%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			7/16/2024	7:47	3.7	56%	Surfc	None	None
			7/23/2024	7:35	0.9	14%	Surfc	None	None
			7/30/2024	7:45	2.0	29%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			7/23/2024	7:52	4.1	59%	Surfc	None	None
		SB06: Brandywine Canal							
			7/16/2024	7:53	4.1	62%	Surfc	None	None
			7/23/2024	7:29	0.9	13%	Surfc	None	None
			7/30/2024	7:50	1.5	21%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			7/23/2024	7:04	4.0	58%	Surfc	None	None
		SB09: Carlisle canal							
			7/16/2024	7:06	4.1	62%	Surfc	None	None
			7/23/2024	7:12	1.5	22%	Surfc	None	None
			7/30/2024	7:20	1.8	25%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			7/16/2024	8:13	3.4	53%	Surfc	None	None
			7/23/2024	8:11	1.4	21%	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

Jefferson Creek

SB10W: Russell Canal west dead end

7/16/2024	8:33	3.5	53%	Surfc	None	None
7/23/2024	8:29	1.2	18%	Surfc	None	None
7/30/2024	8:20	4.9	71%	Surfc	None	None

SB12: Jefferson Canal West side @ tidal gauge

7/16/2024	8:23	4.5	67%	Surfc	None	None
7/23/2024	8:21	3.7	54%	Surfc	None	None

SB13: South end of York Canal

7/23/2024	7:17	2.0	29%	Surfc	None	None
7/30/2024	7:07	4.7	67%	Surfc	None	None

Little Assawoman Bay

LA46: Fenwick Island Tide Gauge

7/23/2024	8:45	3.4	50%	Surfc	None	None
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LA48: W. Georgetown St. Canal - Fenwick

7/16/2024	7:45	4.5	67%	Surfc	None	None
7/23/2024	8:10	4.0	57%	Surfc	None	None

Rehoboth Bay

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)

7/23/2024	7:51	4.6	56%	Surfc	None	None
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RB06A: Guinea Creek @ Rd 298 Bridge

7/23/2024	8:11	4.6	56%	Surfc	None	None
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RB10: Guinea Creek above golf course

7/23/2024	8:24	4.0	47%	Surfc	None	None
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Rehoboth Beach

Lake Comegys

RL03: Lake Comegys, dock at Lake Comegys Community

7/17/2024	7:38	3.9	50%	Surfc	None	None
7/24/2024	8:10	3.4	43%	Surfc	None	None
7/31/2024	8:00	3.0	37%	Surfc	None	None

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