

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/1/2024 and 9/30/2024

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							
			9/21/2024	8:05	4.6	63%	Surfc	None	None
<b>Broadkill River</b>									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			9/4/2024	6:45	4.5	51%	Surfc	None	None
<b>Indian River</b>									
		<u>Indian River</u>							
		IR07: Holt's Landing State Park							
			9/29/2024	8:20	4.6	63%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			9/10/2024	8:00	4.8	59%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			9/3/2024	7:40	2.3	32%	Surfc	None	None
			9/10/2024	7:27	4.3	58%	Surfc	None	None
			9/17/2024	7:27	2.6	36%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			9/3/2024	7:50	3.8	54%	Surfc	None	None
			9/10/2024	7:58	4.7	64%	Surfc	None	None
			9/17/2024	7:51	1.7	24%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			9/3/2024	7:35	3.7	51%	Surfc	None	None
			9/10/2024	7:34	4.1	56%	Surfc	None	None
			9/17/2024	7:32	2.4	33%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			9/3/2024	7:45	3.9	56%	Surfc	None	None
			9/10/2024	7:48	4.7	64%	Surfc	None	None
			9/17/2024	7:42	1.9	26%	Surfc	None	None
		SB06: Brandywine Canal							
			9/3/2024	7:30	3.2	45%	Surfc	None	None
			9/10/2024	7:39	4.4	59%	Surfc	None	None
			9/17/2024	7:35	2.2	31%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			9/3/2024	7:15	4.2	60%	Surfc	None	None
			9/10/2024	7:18	4.9	67%	Surfc	None	None
			9/17/2024	7:18	3.5	48%	Surfc	None	None
		SB09: Carlisle canal							
			9/3/2024	7:06	2.8	40%	Surfc	None	None
			9/10/2024	7:02	4.5	61%	Surfc	None	None
			9/17/2024	7:02	2.2	30%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			9/3/2024	8:02	3.0	42%	Surfc	None	None
			9/10/2024	8:04	3.8	52%	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>							
		SB10E: Russell Canal east dead end							
		9/17/2024	7:56	1.7	23%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		9/3/2024	8:20	2.6	37%	Surfc	None	None	
		9/10/2024	8:22	4.2	58%	Surfc	None	None	
		9/17/2024	8:11	1.7	24%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		9/3/2024	8:10	4.6	64%	Surfc	None	None	
		9/10/2024	8:15	4.8	65%	Surfc	None	None	
		9/17/2024	8:05	1.7	24%	Surfc	None	None	
		SB13: South end of York Canal							
		9/17/2024	7:11	3.5	49%	Surfc	None	None	
		<u>Little Assawoman Bay</u>							
		LA48: W. Georgetown St. Canal - Fenwick							
		9/3/2024	9:15	4.7	66%	Surfc	None	None	
<b>Rehoboth Bay</b>									
		<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge							
		9/9/2024	8:08	4.8	51%	Surfc	None	None	
<b>Rehoboth Beach</b>									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
		9/11/2024	7:30	3.2	37%	Surfc	None	None	

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