

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/16/2024 and 7/1/2024

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							
		6/22/2024	7:15	4.9	70%	Surfc	Minor	None	
Indian River									
	<u>Indian River</u>								
		IR07: Holt's Landing State Park							
		6/30/2024	8:24	4.6	66%	Surfc	None	None	
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		6/25/2024	6:36	2.7	36%	Surfc	Minor	Minor	
Little Assawoman Bay									
	<u>Dirickson Creek</u>								
		LA09: Dirickson Creek at Road 381 bridge							
		6/24/2024	8:50	3.7	52%	Surfc	None	None	
		6/24/2024	8:52	3.6	51%	1.0 m	None	None	
		6/24/2024	8:54	3.2	46%	2.0 m	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		6/18/2024	7:09	3.3	48%	Surfc	None	None	
		6/25/2024	7:31	1.6	23%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		6/18/2024	7:38	4.9	70%	Surfc	None	None	
		6/25/2024	8:06	3.4	49%	Surfc	None	None	
		SB04: Petherton canal at Rt1							
		6/18/2024	7:15	3.4	48%	Surfc	None	None	
		6/25/2024	7:39	1.8	25%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		6/25/2024	7:56	4.2	60%	Surfc	None	None	
		SB06: Brandywine Canal							
		6/18/2024	7:20	3.9	56%	Surfc	None	None	
		6/25/2024	7:45	2.4	35%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		6/25/2024	7:19	4.2	61%	Surfc	None	None	
		SB09: Carlisle canal							
		6/18/2024	6:42	3.4	47%	Surfc	None	None	
		6/25/2024	7:03	1.6	23%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		6/25/2024	8:14	1.7	26%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		6/25/2024	8:33	2.6	38%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		6/18/2024	7:57	4.9	68%	Surfc	None	None	
		6/25/2024	8:26	4.6	67%	Surfc	None	None	
		SB13: South end of York Canal							
		6/18/2024	6:48	4.4	63%	Surfc	None	None	
	<u>Little Assawoman Bay</u>								
		LA48: W. Georgetown St. Canal - Fenwick							
		6/25/2024	8:32	3.9	54%	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							
		6/24/2024	9:20	2.2	33%	Surfc	None	None	
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
		6/24/2024	7:42	4.9	71%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		6/24/2024	8:06	3.4	43%	Surfc	None	None	
		RB10: Guinea Creek above golf course							
		6/24/2024	8:18	4.5	50%	Surfc	None	None	
Rehoboth Beach									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
		6/19/2024	7:34	1.6	19%	Surfc	None	None	
		6/26/2024	7:48	3.2	38%	Surfc	None	None	
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
		6/26/2024	8:41	4.3	53%	Surfc	None	None	

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