

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/16/2024 and 8/31/2024

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							
			8/17/2024	7:05	4.8	70%	Surfc	None	None
			8/23/2024	7:15	4.5	61%	Surfc	Minor	None
			8/31/2024	7:40	4.9	69%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			8/28/2024	6:30	4.8	58%	Surfc	Minor	Minor
Indian River									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			8/20/2024	9:50	4.5	65%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/20/2024	8:00	4.1	55%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/20/2024	8:30	4.7	67%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			8/19/2024	8:35	4.8	70%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge							
			8/19/2024	8:35	3.4	48%	Surfc	None	None
			8/19/2024	8:37	2.9	42%	1.0 m	None	None
			8/19/2024	8:39	2.6	38%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/20/2024	7:45	0.5	7%	Surfc	None	None
			8/27/2024	7:24	1.9	27%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/20/2024	8:25	3.6	53%	Surfc	None	None
			8/27/2024	7:53	4.2	60%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/20/2024	7:50	2.1	31%	Surfc	None	None
			8/27/2024	7:28	2.7	40%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			8/20/2024	8:05	3.5	52%	Surfc	None	None
			8/27/2024	7:42	4.2	60%	Surfc	None	None
		SB06: Brandywine Canal							
			8/20/2024	7:55	1.3	19%	Surfc	None	None
			8/27/2024	7:35	3.8	54%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			8/20/2024	7:35	3.4	49%	Surfc	None	None
			8/27/2024	7:17	4.5	65%	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							
			8/20/2024	7:20	0.3	5%	Surfc	None	None
			8/27/2024	7:02	1.5	21%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			8/20/2024	8:35	1.3	19%	Surfc	None	None
			8/27/2024	7:59	2.9	42%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			8/20/2024	8:50	2.0	29%	Surfc	None	None
			8/27/2024	8:15	2.9	42%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			8/20/2024	8:45	3.7	54%	Surfc	None	None
			8/27/2024	8:07	4.2	60%	Surfc	None	None
		SB13: South end of York Canal							
			8/20/2024	7:10	3.3	49%	Surfc	None	None
			8/27/2024	7:07	4.7	67%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge							
			8/20/2024	8:50	4.8	69%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick							
			8/20/2024	8:10	3.9	56%	Surfc	None	None
			8/27/2024	8:30	4.4	62%	Surfc	None	None
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB46: Torquay Canal at East bulkhead on Land's End							
			8/26/2024	8:57	3.3	47%	Surfc	None	None
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			8/26/2024	8:54	4.4	62%	Surfc	None	None
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
			8/19/2024	8:12	4.5	64%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge							
			8/19/2024	8:36	3.8	52%	Surfc	None	None
<u>Love Creek</u>									
		RB34: Love Creek at Rt 24 Bridge							
			8/19/2024	10:05	2.6	38%	Surfc	None	None
Rehoboth Beach									
<u>Lake Comegys</u>									
		RL03: Lake Comegys, dock at Lake Comegys Community							
			8/21/2024	8:00	3.5	39%	Surfc	None	None
			8/28/2024	8:25	3.5	42%	Surfc	None	None

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