

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/1/2023 and 9/15/2023

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							
			9/8/2023	7:40	4.4	65%	Surfc	None	None
			9/15/2023	7:40	4.9	64%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			9/6/2023	8:45	3.5	51%	Surfc	None	None
			9/13/2023	8:45	4.8	68%	Surfc	None	None
Indian River									
		<u>Indian River</u>							
		IR24: Iron Branch - County road 331 at bridge							
			9/11/2023	9:30	3.1	39%	Surfc	None	None
			9/11/2023	9:32	2.6	34%	1.0 m	None	None
			9/11/2023	9:33	2.3	31%	2.0 m	None	None
		IR26a: Peterson's pier, Possum Point							
			9/12/2023	9:15	3.1	43%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			9/12/2023	7:42	4.6	63%	Surfc	Minor	Minor
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			9/12/2023	9:44	3.4	49%	0.8 m	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			9/12/2023	9:23	3.4	50%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			9/11/2023	8:25	4.5	65%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge							
			9/11/2023	8:47	4.6	64%	1.0 m	None	None
			9/11/2023	8:48	3.7	53%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			9/5/2023	7:41	3.4	48%	Surfc	None	None
			9/12/2023	7:50	2.4	34%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			9/12/2023	8:08	4.2	60%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			9/5/2023	7:45	3.7	54%	Surfc	None	None
			9/12/2023	7:38	2.8	39%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			9/12/2023	7:55	4.2	60%	Surfc	None	None
		SB06: Brandywine Canal							
			9/12/2023	7:32	3.0	42%	Surfc	None	None
		SB07: Layton Canal, South Bethany							

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>									
		SB07: Layton Canal, South Bethany	9/12/2023	7:20	4.8	68%	Surfc	None	None
		SB09: Carlisle canal	9/5/2023	7:15	2.9	41%	Surfc	None	None
			9/12/2023	7:10	1.6	23%	Surfc	None	None
		SB10E: Russell Canal east dead end	9/5/2023	8:07	3.8	55%	Surfc	None	None
			9/12/2023	8:16	3.2	45%	Surfc	None	None
		SB10W: Russell Canal west dead end	9/5/2023	8:24	4.2	61%	Surfc	None	None
			9/12/2023	8:35	4.9	70%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge	9/12/2023	8:25	3.7	52%	Surfc	None	None
		SB13: South end of York Canal	9/5/2023	7:21	4.8	69%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge	9/12/2023	8:55	4.5	65%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	9/12/2023	8:30	3.4	47%	Surfc	None	None
Rehoboth Bay									
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	9/11/2023	7:58	4.5	58%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge	9/11/2023	8:16	4.6	54%	Surfc	None	None
		RB10: Guinea Creek above golf course	9/11/2023	8:27	4.8	56%	Surfc	None	None
<u>Rehoboth Bay</u>									
		RB07: West Bay Park	9/12/2023	10:42	4.2	62%	1.0 m	Minor	Minor
Rehoboth Beach									
<u>Lake Comegys</u>									
		RL03: Lake Comegys, dock at Lake Comegys Community	9/6/2023	7:45	2.9	37%	Surfc	None	None
			9/13/2023	7:45	4.9	60%	Surfc	None	None
<u>Lake Gerar</u>									
		RL10: Lake Gerar bridge	9/6/2023	8:34	3.3	42%	Surfc	None	None
			9/13/2023	8:55	3.4	42%	Surfc	None	None

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