

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/1/2023 and 8/16/2023

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							
			8/4/2023	7:25	4.0	54%	Surfc	Minor	None
			8/12/2023	7:15	4.3	61%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			8/9/2023	8:49	4.6	63%	Surfc	None	None
Indian River									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			8/8/2023	8:45	3.8	53%	Surfc	None	None
		IR24: Iron Branch - County road 331 at bridge							
			8/7/2023	9:45	4.1	51%	Surfc	None	None
			8/7/2023	9:50	1.0	13%	1.0 m	None	None
		IR26a: Peterson's pier, Possum Point							
			8/8/2023	8:15	3.6	44%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/8/2023	8:00	4.1	54%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/8/2023	9:17	4.2	54%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge							
			8/7/2023	8:45	2.7	36%	Surfc	None	None
			8/7/2023	8:47	2.9	39%	1.0 m	None	None
			8/7/2023	8:50	3.8	52%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/1/2023	7:30	0.1	2%	Surfc	None	None
			8/8/2023	7:40	2.6	34%	Surfc	None	None
			8/15/2023	7:35	0.6	9%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/1/2023	8:01	2.7	38%	Surfc	None	None
			8/8/2023	8:20	3.0	43%	Surfc	None	None
			8/15/2023	7:52	2.2	32%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/1/2023	7:35	0.1	1%	Surfc	None	None
			8/8/2023	7:47	0.2	3%	Surfc	None	None
			8/15/2023	7:29	2.2	32%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			8/1/2023	7:39	2.8	39%	Surfc	None	None
			8/8/2023	8:07	3.2	45%	Surfc	None	None
			8/15/2023	7:42	2.9	42%	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>							
		SB06: Brandywine Canal							
			8/1/2023	7:39	0.4	6%	Surfc	None	None
			8/8/2023	7:57	3.8	48%	Surfc	None	None
			8/15/2023	7:25	2.6	38%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			8/1/2023	7:20	4.9	68%	Surfc	None	None
			8/8/2023	7:30	4.7	66%	Surfc	None	None
			8/15/2023	7:14	3.5	51%	Surfc	None	None
		SB09: Carlisle canal							
			8/1/2023	7:05	0.2	2%	Surfc	None	None
			8/8/2023	7:14	3.1	42%	Surfc	None	None
			8/15/2023	6:58	0.5	7%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			8/1/2023	8:07	0.1	1%	Surfc	None	None
			8/8/2023	8:35	2.5	33%	Surfc	None	None
			8/15/2023	7:57	2.1	30%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			8/1/2023	8:24	0.7	10%	Surfc	None	None
			8/8/2023	8:50	3.7	51%	Surfc	None	None
			8/15/2023	8:13	2.3	33%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			8/1/2023	8:16	4.2	58%	Surfc	None	None
			8/8/2023	8:45	4.4	61%	Surfc	None	None
			8/15/2023	8:07	3.7	54%	Surfc	None	None
		SB13: South end of York Canal							
			8/8/2023	7:16	4.0	54%	Surfc	None	None
			8/15/2023	7:04	3.1	45%	Surfc	None	None
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			8/7/2023	9:30	1.9	28%	Surfc	None	None
		<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge							
			8/8/2023	8:23	4.8	57%	Surfc	None	None
		<u>Rehoboth Bay</u>							
		RB07: West Bay Park							
			8/1/2023	8:30	4.1	59%	Surfc	None	None
			8/7/2023	8:30	2.7	39%	Surfc	None	None
			8/8/2023	8:30	4.2	62%	Surfc	None	None
Rehoboth Beach									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
			8/2/2023	7:40	3.6	43%	Surfc	None	None
			8/9/2023	7:30	3.6	44%	Surfc	None	None
			8/16/2023	7:45	2.1	26%	Surfc	None	None
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
			8/2/2023	8:45	4.9	61%	Surfc	None	None

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