

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/1/2024 and 8/15/2024

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							
			8/2/2024	7:40	3.0	45%	Surfc	Minor	None
			8/8/2024	7:40	4.3	63%	Surfc	Minor	None
Broadkill River									
		<u>Beaverdam Creek</u>							
		BR55: Beaverdam Creek at Road 88							
			8/7/2024	9:35	4.8	55%	Surfc	None	Minor
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			8/14/2024	6:15	4.1	50%	Surfc	Minor	Minor
Indian River									
		<u>Indian River</u>							
		IR07: Holt's Landing State Park							
			8/5/2024	8:35	4.1	58%	Surfc	None	None
			8/11/2024	8:45	4.4	62%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge							
			8/5/2024	8:44	3.6	51%	Surfc	None	None
			8/5/2024	8:46	3.2	45%	1.0 m	None	None
			8/5/2024	8:48	1.5	21%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/6/2024	7:37	0.3	5%	Surfc	None	None
			8/13/2024	7:28	0.3	4%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/6/2024	7:55	2.2	33%	Surfc	None	None
			8/13/2024	7:59	3.8	54%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/6/2024	7:31	0.7	11%	Surfc	None	None
			8/13/2024	7:34	1.7	25%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			8/6/2024	7:46	3.4	50%	Surfc	None	None
			8/13/2024	7:49	3.6	52%	Surfc	None	None
		SB06: Brandywine Canal							
			8/6/2024	7:26	1.8	26%	Surfc	None	None
			8/13/2024	7:41	3.2	46%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			8/6/2024	6:58	0.2	3%	Surfc	None	None
			8/6/2024	7:15	3.7	54%	Surfc	None	None
			8/13/2024	7:19	4.4	65%	Surfc	None	None
		SB09: Carlisle canal							
			8/13/2024	7:04	0.6	9%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			8/6/2024	8:06	1.4	21%	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>									
		SB10E: Russell Canal east dead end	8/13/2024	8:06	2.8	40%	Surfc	None	None
		SB10W: Russell Canal west dead end	8/6/2024	8:27	2.0	30%	Surfc	None	None
			8/13/2024	8:22	0.9	13%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge	8/6/2024	8:18	4.0	59%	Surfc	None	None
			8/13/2024	8:15	4.7	67%	Surfc	None	None
		SB13: South end of York Canal	8/6/2024	7:05	4.1	60%	Surfc	None	None
			8/13/2024	7:10	3.4	49%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge	8/6/2024	8:45	4.7	70%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	8/6/2024	7:42	3.8	55%	Surfc	None	None
Rehoboth Bay									
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	8/5/2024	8:02	4.7	65%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge	8/5/2024	8:22	3.3	41%	Surfc	None	None
		RB10: Guinea Creek above golf course	8/5/2024	8:36	4.6	51%	Surfc	None	None
Rehoboth Beach									
<u>Lake Comegys</u>									
		RL03: Lake Comegys, dock at Lake Comegys Community	8/7/2024	8:19	1.6	20%	Surfc	None	None
			8/14/2024	8:15	3.1	37%	Surfc	None	None
<u>Lake Gerar</u>									
		RL10: Lake Gerar bridge	8/7/2024	9:14	3.5	45%	Surfc	None	None
		RL11: Lake Gerar, outlet to ocean	8/7/2024	9:24	4.1	53%	Surfc	None	None

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