

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/1/2021 and 8/14/2021

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Assawoman Bay</b>									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
			8/11/2021	7:50	4.0	59%	Surfc	Minor	Minor
<b>Broadkill River</b>									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			8/11/2021	10:56	3.4	46%	Surfc	None	None
<b>Indian River</b>									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			8/9/2021	10:20	3.3	46%	Surfc	None	None
		IR03: Oak Orchard							
			8/9/2021	9:10	3.8	53%	Surfc	None	None
		IR26a: Peterson's pier, Possum Point							
			8/9/2021	10:50	4.2	57%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			8/10/2021	7:45	3.7	50%	Surfc	Minor	Minor
		IR57: Delaware Culture Seafood-pier							
			8/2/2021	11:00	4.9	69%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/3/2021	8:00	3.0	40%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/4/2021	8:30	2.9	40%	Surfc	None	None
			8/10/2021	9:50	3.9	54%	Surfc	None	None
			8/11/2021	9:00	4.7	65%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			8/3/2021	9:00	2.3	32%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/3/2021	6:43	2.5	36%	Surfc	None	None
			8/10/2021	7:45	1.6	23%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/3/2021	6:16	4.3	61%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/3/2021	6:48	2.0	29%	Surfc	None	None
			8/10/2021	7:35	2.3	33%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			8/3/2021	6:56	4.3	63%	Surfc	None	None
			8/10/2021	7:54	4.3	61%	Surfc	None	None
		SB06: Brandywine Canal							
			8/3/2021	6:54	2.2	31%	Surfc	None	None
			8/10/2021	7:30	4.9	69%	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?
<b>Little Assawoman Bay</b>									
<u>Jefferson Creek</u>									
		SB07: Layton Canal, South Bethany							
		8/3/2021	7:05	4.5	65%	Surfc	None	None	
		8/10/2021	7:17	4.1	57%	Surfc	None	None	
		SB09: Carlisle canal							
		8/3/2021	7:12	1.8	26%	Surfc	None	None	
		8/10/2021	7:02	1.4	20%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		8/3/2021	6:21	0.1	1%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		8/3/2021	6:35	0.1	1%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		8/3/2021	6:28	2.8	40%	Surfc	None	None	
		8/10/2021	8:18	4.2	58%	Surfc	None	None	
		SB13: South end of York Canal							
		8/3/2021	7:15	3.8	55%	Surfc	None	None	
		8/10/2021	7:10	4.8	68%	Surfc	None	None	
<u>Little Assawoman Bay</u>									
		LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.							
		8/9/2021	8:15	3.8	52%	Surfc	None	None	
		LA46: Fenwick Island Tide Gauge							
		8/3/2021	7:30	1.9	27%	Surfc	None	None	
		8/10/2021	7:30	3.0	42%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		8/10/2021	9:10	2.7	37%	Surfc	None	None	
		8/11/2021	9:20	3.2	46%	Surfc	None	None	
		RWPMXIV: Fenwick, Coastal Kayak Boat Rental							
		8/3/2021	8:45	4.3	59%	Surfc	None	None	
<b>Nanticoke River</b>									
<u>Broad Creek</u>									
		PREC: Record's Pond							
		8/4/2021	10:39	3.5	40%	Surfc	None	None	
		PTR: Trap Pond							
		8/4/2021	10:13	2.4	29%	Surfc	None	None	
<b>Rehoboth Bay</b>									
<u>Bald Eagle Creek</u>									
		RB46: Torquay Canal at East bulkhead on Land's End							
		8/4/2021	15:17	3.5	50%	Surfc	None	None	
		8/5/2021	8:35	0.7	10%	Surfc	None	None	
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		8/4/2021	15:10	1.3	18%	Surfc	None	None	
		8/5/2021	8:25	0.4	6%	Surfc	None	None	
		8/9/2021	8:58	2.8	41%	Surfc	None	None	
		RB70: Torquay Canal from shore West of UD site #1							
		8/4/2021	15:25	1.1	16%	Surfc	None	None	
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
		8/9/2021	7:55	4.1	52%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		8/9/2021	8:13	3.7	44%	Surfc	None	None	
<u>Love Creek</u>									
		RB34: Love Creek at Rt 24 Bridge							

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<b>Rehoboth Bay</b>									
		<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge							
		8/10/2021	10:05	2.5	33%	Surfc	None	None	
		<u>Rehoboth Bay</u>							
		RB16E: Rusty Rudder Pier End							
		8/3/2021	11:45	4.3	62%	Surfc	None	None	
		RB38: Joy Beach-bay							
		8/10/2021	9:43	2.2	31%	Surfc	None	None	
		RB44: Camp Arrowhead (camp pier)							
		8/10/2021	9:10	3.5	50%	Surfc	None	None	
<b>Rehoboth Beach</b>									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
		8/3/2021	12:39	3.8	46%	Surfc	None	None	
		RL11: Lake Gerar, outlet to ocean							
		8/3/2021	12:31	4.2	52%	Surfc	None	None	

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