

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/18/2021 and 7/31/2021

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							
			7/22/2021	8:00	3.9	56%	Surfc	None	None
			7/28/2021	7:55	3.7	56%	Surfc	None	None
<b>Broadkill River</b>									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			7/28/2021	8:50	4.3	63%	Surfc	None	None
		BR20: Broadkill River at Milton tidal pond							
			7/28/2021	6:35	4.9	62%	Surfc	Minor	Minor
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			7/28/2021	12:54	3.5	52%	Surfc	None	None
<b>Indian River</b>									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			7/26/2021	10:28	3.7	53%	Surfc	None	None
		IR03: Oak Orchard							
			7/26/2021	8:55	2.7	39%	Surfc	None	None
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
			7/31/2021	8:00	4.4	63%	Surfc	None	None
		IR26a: Peterson's pier, Possum Point							
			7/26/2021	10:52	3.5	49%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			7/27/2021	7:50	3.8	52%	Surfc	Minor	Minor
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			7/21/2021	7:30	1.9	28%	Surfc	None	None
			7/27/2021	8:00	4.9	72%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			7/20/2021	9:00	3.7	54%	Surfc	None	None
			7/27/2021	6:10	2.3	33%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			7/19/2021	9:03	2.6	37%	Surfc	None	None
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge.							
			7/26/2021	8:30	1.9	26%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			7/20/2021	7:33	0.1	1%	Surfc	None	None
			7/27/2021	7:40	1.3	19%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			7/20/2021	7:59	2.4	34%	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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					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Little Assawoman Bay</b>									
<u>Jefferson Creek</u>									
		SB02: Anchorage Canal near elbow							
		7/27/2021	7:56	3.2	47%	Surfc	None	None	
		SB04: Petherton canal at Rt1							
		7/20/2021	7:38	0.4	5%	Surfc	None	None	
		7/27/2021	7:37	2.0	28%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		7/20/2021	7:55	3.5	51%	Surfc	None	None	
		7/27/2021	7:48	3.8	55%	Surfc	None	None	
		SB06: Brandywine Canal							
		7/20/2021	7:44	0.8	12%	Surfc	None	None	
		7/27/2021	7:26	1.7	24%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		7/20/2021	7:23	2.7	38%	Surfc	None	None	
		7/27/2021	7:12	4.0	59%	Surfc	None	None	
		SB09: Carlisle canal							
		7/20/2021	7:02	0.1	1%	Surfc	None	None	
		7/27/2021	6:55	1.2	17%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		7/20/2021	8:12	0.1	1%	Surfc	None	None	
		7/27/2021	8:03	2.5	36%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		7/20/2021	8:30	0.1	2%	Surfc	None	None	
		7/27/2021	8:21	1.6	24%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		7/20/2021	8:25	3.5	51%	Surfc	None	None	
		SB13: South end of York Canal							
		7/20/2021	7:09	3.5	51%	Surfc	None	None	
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge							
		7/20/2021	9:00	2.7	38%	Surfc	None	None	
		7/27/2021	7:00	3.2	46%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		7/20/2021	9:27	4.1	59%	Surfc	None	None	
		7/27/2021	9:20	3.5	51%	Surfc	None	None	
<b>Nanticoke River</b>									
<u>Broad Creek</u>									
		PREC: Record's Pond							
		7/21/2021	10:45	3.9		Surfc	None	None	
<b>Rehoboth Bay</b>									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		7/26/2021	9:05	0.9	14%	Surfc	None	Minor	
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
		7/26/2021	7:53	4.8	68%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		7/26/2021	8:19	3.4	42%	Surfc	None	None	
<u>Rehoboth Bay</u>									
		RB38: Joy Beach-bay							
		7/27/2021	10:50	2.8	43%	Surfc	None	None	
<b>Rehoboth Beach</b>									

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<b>Rehoboth Beach</b>									
<u>Lake Gerar</u>									
		RL10: Lake Gerar bridge	7/20/2021	9:58	3.4		Surfc	None	None
		RL11: Lake Gerar, outlet to ocean	7/20/2021	10:08	3.5		Surfc	None	None

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