

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/1/2020 and 8/14/2020

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							
			8/6/2020	7:55	4.1	60%	Surfc	None	None
			8/13/2020	7:40	3.9	58%	Surfc	None	None
Broadkill River									
		<u>Beaverdam Creek</u>							
		BR55: Beaverdam Creek at Road 88							
			8/12/2020	10:40	4.8	57%	Surfc	None	None
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			8/12/2020	9:30	3.6	51%	Surfc	None	None
		BR20: Broadkill River at Milton tidal pond							
			8/3/2020	11:18	4.5	52%	Surfc	None	None
		<u>Canary Creek</u>							
		BR40: Canary Creek at Pilottown Rd.							
			8/5/2020	7:05	4.0	56%	Surfc	None	None
			8/11/2020	7:18	3.6	51%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			8/9/2020	8:45	1.9	26%	Surfc	None	None
		<u>Turtle Pond</u>							
		BR50: Turtle Pond, PHNWR							
			8/9/2020	8:00	3.0	37%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			8/6/2020	7:10	3.2	47%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			8/10/2020	9:00	3.1	44%	Surfc	None	None
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
			8/3/2020	8:00	4.1	61%	Surfc	None	None
		IR26a: Peterson's pier, Possum Point							
			8/11/2020	9:16	3.0	41%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			8/11/2020	8:10	4.1	59%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/11/2020	7:45	4.9	71%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/11/2020	8:30	4.5	64%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
			8/10/2020	9:12	3.4	50%	Surfc	None	None

Little Assawoman Bay

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>Dirickson Creek</u>							
		LA03: Mulberry Landing							
		8/10/2020	8:33	4.7	68%	Surfc	None	None	
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
		8/5/2020	7:24	0.2	2%	Surfc	None	None	
		8/11/2020	7:32	1.1	17%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		8/5/2020	7:57	2.1	31%	Surfc	None	None	
		8/11/2020	8:00	4.1	60%	Surfc	None	None	
		SB04: Petherton canal at Rt1							
		8/5/2020	7:30	1.1	16%	Surfc	None	None	
		8/11/2020	7:29	2.3	34%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		8/5/2020	7:47	2.5	36%	Surfc	None	None	
		8/11/2020	7:37	4.3	63%	Surfc	None	None	
		SB06: Brandywine Canal							
		8/5/2020	7:34	3.6	53%	Surfc	None	None	
		8/11/2020	7:43	2.7	39%	Surfc	None	None	
		SB09: Carlisle canal							
		8/5/2020	7:02	2.4	34%	Surfc	None	None	
		8/11/2020	7:00	2.0	29%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		8/5/2020	8:04	0.8	11%	Surfc	None	None	
		8/11/2020	8:07	1.8	26%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		8/5/2020	8:21	1.6	24%	Surfc	None	None	
		8/11/2020	8:23	3.2	48%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		8/5/2020	8:14	4.2	60%	Surfc	None	None	
		8/11/2020	8:16	3.8	56%	Surfc	None	None	
		SB13: South end of York Canal							
		8/5/2020	7:07	4.9	71%	Surfc	None	None	
		8/11/2020	7:03	5.0	73%	Surfc	None	None	
		<u>Little Assawoman Bay</u>							
		LA46: Fenwick Island Tide Gauge							
		8/4/2020	6:00	3.6	53%	Surfc	None	None	
		8/11/2020	7:30	3.1	45%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		8/11/2020	9:10	3.8	58%	Surfc	None	None	
Nanticoke River									
		PREC: Record's Pond							
		8/6/2020	9:18	1.2	14%	Surfc	None	None	
		<u>Broad Creek</u>							
		PTR: Trap Pond							
		8/6/2020	9:00	2.2	28%	Surfc	None	None	
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		8/10/2020	9:52	4.6	69%	Surfc	None	None	
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							

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Rehoboth Bay									
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
			8/3/2020	8:20	3.8	52%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge							
			8/10/2020	7:03	3.1	38%	Surfc	None	None
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch							
			8/12/2020	10:01	3.2	46%	Surfc	None	None
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
			8/13/2020	10:40	2.0	27%	Surfc	None	None
		RL11: Lake Gerar, outlet to ocean							
			8/13/2020	10:55	3.9	52%	Surfc	None	None

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