

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/20/2019 and 8/2/2019

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							
		7/20/2019	7:55	3.9	60%	Surfc	Minor	Minor
		7/29/2019	8:00	3.7	54%	Surfc	None	None
Broadkill River								
	<u>Broadkill River</u>							
	BR01: Broadkill river @ PEL dock.							
		7/24/2019	8:50	4.9	69%	Surfc	None	None
	<u>Canary Creek</u>							
	BR19: Canary Creek at New Road							
		7/24/2019	12:15	3.4	46%	Surfc	None	None
		7/27/2019	17:10	4.8	69%	Surfc	None	None
	BR40: Canary Creek at Pilottown Rd							
		7/23/2019	7:06	3.2	45%	Surfc	None	None
	<u>Fleetwood Pond</u>							
	BR51: Fleetwood Pond, PHNWR							
		7/21/2019	8:36	4.4	61%	Surfc	None	None
	<u>Old Mill Creek</u>							
	BR21: Old Mill Creek downstream from Red Mill Pond							
		7/24/2019	10:15	3.0	37%	Surfc	None	None
	<u>Prime Hook Creek</u>							
	BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
		7/21/2019	8:00	3.4	49%	Surfc	None	None
		7/29/2019	8:10	3.8	52%	Surfc	None	None
	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
		7/29/2019	9:10	4.7	62%	Surfc	None	None
	BR53: Foord's Landing, PHNWR							
		7/21/2019	8:47	3.3	45%	Surfc	None	None
Cedar Creek								
	<u>Slaughter Creek</u>							
	BR58: Slaughter Creek bridge							
		7/21/2019	9:17	4.5	66%	Surfc	None	None
		7/29/2019	9:30	4.6	60%	Surfc	None	None
Indian River								
	<u>Assawoman Canal</u>							
	IR50: Assawoman Canal at N end, Ocean View Marina							
		7/25/2019	7:30	4.3	63%	Surfc	None	None
		8/1/2019	8:40	2.4	35%	Surfc	None	None
	<u>Indian River</u>							
	IR02a: Rosedale crabbing pier							
		7/22/2019	9:43	4.9	75%	Surfc	None	None
	IR03: Oak Orchard							
		7/25/2019	8:15	4.0	58%	Surfc	None	None
		7/30/2019	8:05	3.5	51%	Surfc	None	None
	IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		7/22/2019	8:00	4.9	67%	Surfc	Minor	None

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Aquatic vegetation comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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Indian River									
	<u>Indian River</u>								
		IR24: Iron Branch - County road 331 at bridge							
		7/22/2019	9:15	2.6	35%	Surfc	None	None	
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		7/23/2019	7:43	4.8	70%	Surfc	Minor	Minor	
		IR42B: Indian River buoy #R26, N of Grey's Pt							
		7/28/2019	8:17	4.8	70%	1.5 m	None	None	
	<u>Pepper Creek</u>								
		IR46B: Pepper Creek Buoy #1							
		7/28/2019	8:00	4.1	60%	Surfc	None	None	
		7/28/2019	8:02	4.0	59%	1.5 m	None	None	
	<u>Vines Creek</u>								
		IR38: Vines Lane							
		7/23/2019	7:30	2.1	30%	Surfc	None	None	
		7/30/2019	7:45	3.5	50%	Surfc	None	None	
	<u>White Creek</u>								
		IR28B: White Creek Green #7							
		7/28/2019	8:50	4.8	69%	Surfc	None	None	
		7/28/2019	8:52	4.8	69%	1.5 m	None	None	
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
		7/22/2019	8:41	2.8	43%	Surfc	None	None	
		7/29/2019	8:45	1.6	24%	Surfc	None	None	
Little Assawoman Bay									
	<u>Dirickson Creek</u>								
		LA03: Mulberry Landing							
		7/23/2019	7:03	3.6	54%	Surfc	None	None	
		7/30/2019	6:57	3.9	58%	Surfc	None	None	
		LA09: Dirickson Creek at Road 381 bridge.							
		7/23/2019	7:50	2.0	30%	Surfc	None	None	
		7/30/2019	8:59	3.7	54%	Surfc	None	None	
		LA29: Upper Dirickson Creek @ Rt20							
		7/23/2019	6:09	0.7	9%	Surfc	None	None	
		7/30/2019	6:10	3.6	44%	Surfc	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		7/23/2019	7:56	1.5	23%	Surfc	None	None	
		7/30/2019	7:43	2.4	36%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		7/23/2019	7:03	4.8	75%	Surfc	None	None	
		7/30/2019	7:50	4.4	66%	Surfc	None	None	
		SB04: Petherton canal/rt1							
		7/23/2019	7:43	3.5	54%	Surfc	None	None	
		7/30/2019	7:38	3.1	46%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		7/23/2019	7:35	4.1	63%	Surfc	None	None	
		7/30/2019	7:25	3.8	57%	Surfc	None	None	
		SB06: Brandywine Canal							
		7/23/2019	7:48	4.0	62%	Surfc	None	None	
		7/30/2019	7:33	3.2	48%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		7/30/2019	7:15	3.7	56%	Surfc	None	None	
		SB09: Carlisle canal							

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<u>Jefferson Creek</u>									
		SB09: Carlisle canal							
			7/23/2019	8:12	1.1	18%	Surfc	None	None
			7/30/2019	7:08	1.2	17%	Surfc	None	None
		SB10E: Russell Canal east dead end							
			7/23/2019	7:09	1.0	15%	Surfc	Major	None
			7/30/2019	7:56	2.3	35%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			7/23/2019	7:25	0.1	1%	Surfc	None	None
			7/30/2019	8:13	2.6	40%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gage							
			7/23/2019	7:18	3.9	61%	Surfc	None	None
			7/30/2019	8:06	3.0	45%	Surfc	None	None
		SB13: South end of York Canal							
			7/23/2019	8:17	3.6	56%	Surfc	None	None
			7/30/2019	7:03	3.2	48%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge							
			7/23/2019	8:25	3.7	55%	Surfc	None	None
			7/30/2019	7:30	2.3	33%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick							
			7/23/2019	8:47	2.3	36%	Surfc	None	None
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			7/22/2019	9:22	4.7	75%	Surfc	None	None
			7/29/2019	9:22	0.2	2%	Surfc	None	Minor
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
			7/22/2019	8:02	3.2	49%	Surfc	None	None
			7/29/2019	7:33	2.7	40%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge							
			7/22/2019	8:19	2.2	30%	Surfc	None	None
<u>Lewes-Rehoboth Canal</u>									
		RB08A: Lewes Canal Front Park - Kayak Launch							
			7/24/2019	12:26	4.7	66%	Surfc	None	None

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