

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/17/2019 and 8/30/2019

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							
			8/17/2019	8:00	4.3	64%	Surfc	Minor	None
			8/24/2019	8:10	3.8	52%	Surfc	Minor	Minor
<b>Broadkill River</b>									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock.							
			8/21/2019	8:45	3.5	50%	Surfc	None	None
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			8/25/2019	17:40	2.8	37%	Surfc	None	None
			8/27/2019	10:40	2.6	34%	Surfc	None	None
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			8/19/2019	8:35	3.1	41%	Surfc	None	None
			8/24/2019	8:27	3.1	36%	Surfc	None	None
		<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond							
			8/21/2019	10:30	2.6	34%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
			8/19/2019	8:05	2.5	35%	Surfc	None	None
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			8/19/2019	9:06	3.8	54%	Surfc	None	None
			8/24/2019	9:05	4.4	54%	Surfc	None	None
			8/27/2019	10:40	4.7	59%	Surfc	Minor	None
		BR53: Foord's Landing, PHNWR							
			8/19/2019	8:46	4.4	57%	Surfc	None	None
			8/24/2019	8:40	4.8	56%	Surfc	None	None
		<u>Turkle Pond</u>							
		BR50: Turkle Pond, PHNWR							
			8/19/2019	8:20	3.8	48%	Surfc	None	None
<b>Cedar Creek</b>									
		<u>Slaughter Creek</u>							
		BR58: Slaughter Creek bridge							
			8/19/2019	9:27	3.1	44%	Surfc	None	None
			8/24/2019	9:30	3.0	38%	Surfc	None	None
<b>Indian River</b>									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			8/22/2019	7:30	2.9	42%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			8/21/2019	8:15	3.4	50%	Surfc	None	None
			8/27/2019	8:45	4.3	59%	Surfc	None	None
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							

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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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<b>Indian River</b>									
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		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		8/18/2019	8:00	4.3	62%	Surfc	Minor	None	
		IR24: Iron Branch - County road 331 at bridge							
		8/19/2019	8:38	4.9	65%	Surfc	None	None	
		IR26: Possum Point							
		8/24/2019	11:10	3.5	46%	Surfc	None	None	
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		8/20/2019	7:30	3.2	45%	Surfc	Minor	Minor	
	<u>Pepper Creek</u>								
		IR51: Pepper Creek, Creekside							
		8/20/2019	8:30	4.5	65%	Surfc	None	None	
	<u>Vines Creek</u>								
		IR38: Vines Lane							
		8/20/2019	8:00	3.5	50%	Surfc	None	None	
		8/27/2019	7:30	4.3	57%	Surfc	None	None	
	<u>White Creek</u>								
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
		8/19/2019	8:35	2.5	37%	Surfc	None	None	
		8/26/2019	8:40	2.7	38%	Surfc	None	None	
<b>Little Assawoman Bay</b>									
	<u>Dirickson Creek</u>								
		LA03: Mulberry Landing							
		8/20/2019	6:48	3.7	54%	Surfc	None	None	
		LA09: Dirickson Creek at Road 381 bridge.							
		8/20/2019	7:58	1.6	21%	Surfc	None	None	
		LA29: Upper Dirickson Creek @ Rt20							
		8/20/2019	8:20	4.9	58%	Surfc	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		8/20/2019	7:46	0.1	1%	Surfc	None	None	
		8/27/2019	7:47	3.1	42%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		8/20/2019	7:54	2.3	34%	Surfc	None	None	
		8/27/2019	7:52	4.8	65%	Surfc	None	None	
		SB04: Petherton canal/rt1							
		8/20/2019	7:35	0.2	2%	Surfc	None	None	
		8/27/2019	7:35	2.5	34%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		8/20/2019	7:28	2.8	41%	Surfc	None	None	
		8/27/2019	7:24	4.5	62%	Surfc	None	None	
		SB06: Brandywine Canal							
		8/20/2019	7:40	1.3	19%	Surfc	None	None	
		8/27/2019	7:30	2.6	36%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		8/20/2019	7:19	2.8	42%	Surfc	None	None	
		8/27/2019	7:15	4.1	55%	Surfc	None	None	
		SB09: Carlisle canal							
		8/20/2019	7:05	0.2	2%	Surfc	None	None	
		8/27/2019	7:00	2.7	38%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		8/20/2019	8:01	1.5	23%	Surfc	None	None	

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<b>Little Assawoman Bay</b>									
<u>Jefferson Creek</u>									
		SB10E: Russell Canal east dead end	8/27/2019	8:00	1.6	23%	Surfc	None	None
		SB10W: Russell Canal west dead end	8/20/2019	8:15	1.8	27%	Surfc	None	None
			8/27/2019	8:16	0.9	12%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gage	8/20/2019	8:07	3.4	51%	Surfc	None	None
			8/27/2019	8:09	4.4	59%	Surfc	None	None
		SB13: South end of York Canal	8/20/2019	7:10	4.2	61%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge	8/20/2019	7:15	2.7	38%	Surfc	None	None
			8/27/2019	7:45	3.1	41%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	8/20/2019	8:25	1.9	28%	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	8/19/2019	9:15	3.5	53%	Surfc	None	None
			8/26/2019	9:15	4.4	61%	Surfc	None	None
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	8/19/2019	7:24	3.8	54%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge	8/19/2019	7:42	2.0	26%	Surfc	None	None
<u>Lewes-Rehoboth Canal</u>									
		RB08A: Lewes Canal Front Park - Kayak Launch	8/27/2019	11:20	3.9	52%	Surfc	None	None
<u>Love Creek</u>									
		RB34: Love Creek at Rt 24 Bridge	8/27/2019	10:05	3.8	51%	Surfc	None	None

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