

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/3/2020 and 7/17/2020

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							
			7/8/2020	7:35	4.1	60%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
			7/15/2020	5:55	2.8	35%	Surfc	None	None
		<u>Canary Creek</u>							
		BR40: Canary Creek at Pilottown Rd.							
			7/7/2020	7:03	2.6	37%	Surfc	None	None
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			7/13/2020	8:15	4.8	61%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			7/4/2020	8:45	3.2	46%	Surfc	None	None
			7/13/2020	8:45	3.5	49%	Surfc	None	None
		BR53: Foord's Landing, PHNWR							
			7/4/2020	8:30	4.5	59%	Surfc	None	None
			7/13/2020	8:30	0.2	2%	Surfc	None	None
		<u>Turkle Pond</u>							
		BR50: Turkle Pond, PHNWR							
			7/4/2020	8:00	3.6	45%	Surfc	None	None
			7/13/2020	8:00	3.5	44%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			7/3/2020	7:05	3.1	47%	Surfc	None	None
			7/10/2020	6:45	3.4	47%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			7/3/2020	8:20	3.0	44%	Surfc	None	None
			7/13/2020	9:00	3.1	45%	Surfc	None	None
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
			7/7/2020	8:06	4.2	61%	Surfc	None	None
			7/16/2020	8:10	4.0	58%	Surfc	None	None
		IR26a: Peterson's pier, Possum Point							
			7/14/2020	8:45	3.4	46%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			7/14/2020	8:06	4.7	67%	Surfc	Minor	Minor
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			7/14/2020	8:00	4.4	61%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			7/7/2020	8:15	4.0	58%	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?
Indian River									
	<u>Vines Creek</u>								
		IR38: Vines Lane							
		7/14/2020	8:00	4.3	62%	Surfc	None	None	
	<u>White Creek</u>								
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
		7/13/2020	9:17	2.4	33%	Surfc	None	None	
Little Assawoman Bay									
	<u>Dirickson Creek</u>								
		LA03: Mulberry Landing							
		7/13/2020	8:30	4.6	67%	Surfc	None	None	
		LA09: Dirickson Creek at Road 381 bridge.							
		7/13/2020	8:30	3.2	41%	Surfc	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		7/7/2020	7:38	0.8	12%	Surfc	Minor	Minor	
		7/14/2020	7:36	2.8	40%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		7/7/2020	7:41	3.9	59%	Surfc	None	None	
		SB04: Petherton canal at Rt1							
		7/7/2020	7:23	0.3	5%	Surfc	None	Minor	
		7/14/2020	7:45	4.2	59%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		7/14/2020	7:26	4.1	57%	Surfc	None	None	
		SB06: Brandywine Canal							
		7/7/2020	7:29	1.5	23%	Surfc	Minor	None	
		7/14/2020	7:48	1.9	26%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		7/14/2020	7:16	4.9	70%	Surfc	None	None	
		SB09: Carlisle canal							
		7/7/2020	6:50	2.8	42%	Surfc	None	None	
		7/14/2020	7:02	4.1	58%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		7/7/2020	7:51	1.3	19%	Surfc	None	None	
		7/14/2020	8:03	1.9	27%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		7/7/2020	8:07	2.0	30%	Surfc	None	None	
		7/14/2020	8:16	3.1	44%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		7/7/2020	8:00	4.8	72%	Surfc	None	None	
		SB13: South end of York Canal							
		7/7/2020	6:56	3.8	58%	Surfc	Minor	None	
	<u>Little Assawoman Bay</u>								
		LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.							
		7/7/2020	8:48	4.0	58%	Surfc	None	None	
		LA46: Fenwick Island Tide Gauge							
		7/7/2020	7:00	4.3	62%	Surfc	None	None	
		7/14/2020	7:30	3.7	53%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		7/14/2020	8:52	3.9	57%	Surfc	None	None	
Nanticoke River									
	<u>Broad Creek</u>								
		PTRUS: Trussum Pond Boat Ramp							

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Nanticoke River									
		<u>Broad Creek</u>							
		PTRUS: Trussum Pond Boat Ramp							
		7/9/2020	9:48	2.0	25%	Surfc	None	None	
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		7/13/2020	10:05	4.0	57%	Surfc	None	None	
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
		7/13/2020	7:35	3.2	44%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		7/13/2020	7:54	3.3	40%	Surfc	None	None	
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch							
		7/15/2020	10:47	3.9	51%	Surfc	None	None	
		<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge							
		7/13/2020	9:20	4.2	56%	Surfc	None	None	
		<u>Rehoboth Bay</u>							
		RB38: Joy Beach-bay							
		7/7/2020	9:52	3.8	56%	Surfc	None	None	
		RB44: Camp Arrowhead (camp pier)							
		7/7/2020	9:28	4.7	70%	Surfc	None	None	
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
		7/16/2020	9:51	4.3	55%	Surfc	None	None	

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