

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/18/2020 and 7/31/2020

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							
			7/18/2020	7:40	3.1	44%	Surfc	None	None
			7/23/2020	7:50	1.5	23%	Surfc	None	None
			7/31/2020	7:40	3.0	44%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			7/29/2020	10:14	4.6	68%	Surfc	None	None
		BR20: Broadkill River at Milton tidal pond							
			7/29/2020	6:45	1.8	23%	Surfc	Minor	Minor
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			7/30/2020	8:41	1.3	19%	Surfc	None	None
		BR40: Canary Creek at Pilottown Rd.							
			7/21/2020	7:14	4.5	60%	Surfc	None	None
			7/28/2020	7:19	4.8	70%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR53: Foord's Landing, PHNWR							
			7/19/2020	8:30	1.7	23%	Surfc	None	None
		<u>Turkle Pond</u>							
		BR50: Turkle Pond, PHNWR							
			7/19/2020	8:00	2.6	33%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			7/21/2020	7:05	3.2	47%	Surfc	None	None
			7/30/2020	7:15	3.2	47%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			7/27/2020	9:30	4.2	66%	Surfc	None	None
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
			7/22/2020	8:05	4.2	63%	Surfc	Minor	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			7/28/2020	9:45	1.0	12%	Surfc	None	None
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			7/28/2020	6:45	2.8	40%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			7/21/2020	8:00	2.8	41%	Surfc	None	None
			7/28/2020	8:15	3.7	57%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
			7/27/2020	8:36	3.2	47%	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	7/27/2020	8:00	3.8	57%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge.	7/27/2020	8:30	3.0	42%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1	7/21/2020	7:40	0.1	1%	Surfc	None	None
			7/28/2020	7:29	0.2	2%	Surfc	None	None
		SB02: Anchorage Canal near elbow	7/21/2020	7:48	2.6	39%	Surfc	None	None
			7/28/2020	8:10	4.4	65%	Surfc	None	None
		SB04: Petherton canal at Rt1	7/21/2020	7:25	0.1	2%	Surfc	None	None
			7/28/2020	7:46	1.3	20%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162	7/21/2020	7:17	2.7	40%	Surfc	None	None
			7/28/2020	8:01	3.4	50%	Surfc	None	None
		SB06: Brandywine Canal	7/21/2020	7:32	0.2	3%	Surfc	None	None
			7/28/2020	7:50	2.6	39%	Surfc	None	None
		SB07: Layton Canal, South Bethany	7/21/2020	7:06	4.5	67%	Surfc	None	None
			7/28/2020	7:19	3.4	51%	Surfc	None	None
		SB09: Carlisle canal	7/21/2020	6:55	0.4	6%	Surfc	None	None
			7/28/2020	7:07	1.8	26%	Surfc	None	None
		SB10E: Russell Canal east dead end	7/21/2020	7:55	0.4	6%	Surfc	None	None
			7/28/2020	8:15	0.6	10%	Surfc	None	None
		SB10W: Russell Canal west dead end	7/21/2020	8:15	1.6	24%	Surfc	None	None
			7/28/2020	8:30	1.7	26%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge	7/21/2020	8:07	4.2	63%	Surfc	None	None
			7/28/2020	8:23	3.8	58%	Surfc	None	None
		SB13: South end of York Canal	7/28/2020	7:11	3.4	51%	Surfc	None	None
		<u>Little Assawoman Bay</u>							
		LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	7/20/2020	8:40	4.8	70%	Surfc	None	None
		LA46: Fenwick Island Tide Gauge	7/21/2020	7:45	3.3	48%	Surfc	None	None
			7/28/2020	8:35	4.8	72%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	7/28/2020	9:00	4.5	69%	Surfc	None	None
Nanticoke River									
		PREC: Record's Pond	7/23/2020	10:12	3.3	42%	Surfc	None	None
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							

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Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		7/27/2020	9:10	2.3	35%	Surfc	None	None	
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
		7/27/2020	7:49	4.2	62%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		7/27/2020	8:12	3.0	38%	Surfc	None	None	
		<u>Rehoboth Bay</u>							
		RB38: Joy Beach-bay							
		7/21/2020	9:34	3.6	54%	Surfc	None	None	
		RB44: Camp Arrowhead (camp pier)							
		7/21/2020	9:09	4.7	69%	Surfc	None	None	
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
		7/30/2020	8:39	2.1	27%	Surfc	None	None	
		RL11: Lake Gerar, outlet to ocean							
		7/30/2020	8:48	3.4	45%	Surfc	None	None	
		<u>Silver Lake</u>							
		RL01: Silver Lake, Lake Drive Bridge							
		7/30/2020	9:19	4.9	66%	Surfc	None	None	

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