

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/15/2020 and 8/28/2020

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							
			8/22/2020	8:25	2.9	42%	Surfc	None	None
			8/28/2020	7:55	3.6	52%	Surfc	None	None
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			8/26/2020	10:22	4.4	62%	Surfc	None	None
		BR20: Broadkill River at Milton tidal pond							
			8/19/2020	7:23	4.8	56%	Surfc	Minor	Minor
			8/26/2020	7:13	3.4	42%	Surfc	Minor	Minor
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			8/16/2020	16:15	3.9	52%	Surfc	None	None
		BR40: Canary Creek at Pilottown Rd.							
			8/25/2020	7:09	3.1	44%	Surfc	None	None
		<u>Diamond Pond</u>							
		BR48: Diamond Pond at Spillway							
			8/26/2020	8:40	1.0		Surfc	Major	Major
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			8/26/2020	8:15	4.4	55%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			8/16/2020	8:45	0.9	12%	Surfc	None	None
		BR53: Foord's Landing, PHNWR							
			8/16/2020	8:30	4.7	54%	Surfc	None	None
			8/26/2020	8:30	3.3	41%	Surfc	None	None
		<u>Turtle Pond</u>							
		BR50: Turtle Pond, PHNWR							
			8/16/2020	8:00	2.8	32%	Surfc	None	None
			8/26/2020	8:00	3.4	42%	Surfc	None	None
Indian River									
		<u>Indian River</u>							
		IR03: Oak Orchard							
			8/24/2020	8:55	3.4	49%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			8/25/2020	7:11	4.1	59%	Surfc	Minor	Minor
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/25/2020	8:30	4.4	60%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/18/2020	8:30	3.2	44%	Surfc	None	None
Little Assawoman Bay									
		<u>Jefferson Creek</u>							

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>Jefferson Creek</u>									
		SB01: Anchorage Canal @ Rt 1							
		8/18/2020	7:42	1.1	16%	Surfc	None	None	
		8/25/2020	7:27	1.3	19%	Surfc	None	None	
		SB02: Anchorage Canal near elbow							
		8/18/2020	7:52	3.7	53%	Surfc	None	None	
		8/25/2020	7:52	3.6	53%	Surfc	None	None	
		SB04: Petherton canal at Rt1							
		8/18/2020	7:36	3.5	50%	Surfc	None	None	
		8/25/2020	7:31	2.8	41%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		8/25/2020	7:44	4.8	70%	Surfc	None	None	
		SB06: Brandywine Canal							
		8/18/2020	7:33	4.4	63%	Surfc	None	None	
		8/25/2020	7:37	3.5	52%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		8/25/2020	7:19	4.4	64%	Surfc	None	None	
		SB09: Carlisle canal							
		8/18/2020	7:08	2.8	39%	Surfc	None	None	
		8/25/2020	7:07	1.6	23%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		8/18/2020	7:58	0.3	4%	Surfc	None	None	
		8/25/2020	7:57	4.9	73%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		8/18/2020	8:13	1.1	16%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		8/18/2020	8:06	4.3	61%	Surfc	None	None	
		8/25/2020	8:05	3.5	51%	Surfc	None	None	
		SB13: South end of York Canal							
		8/25/2020	7:11	4.9	73%	Surfc	None	None	
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge							
		8/18/2020	7:00	4.7	66%	Surfc	None	None	
		8/25/2020	7:15	3.9	55%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		8/25/2020	8:52	3.3	48%	Surfc	None	None	
Nanticoke River									
		PREC: Record's Pond							
		8/20/2020	10:24	4.2	49%	Surfc	None	None	
<u>Broad Creek</u>									
		PTR: Trap Pond							
		8/20/2020	9:55	2.8	34%	Surfc	None	None	
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		8/24/2020	9:45	1.4	21%	Surfc	None	None	
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
		8/16/2020	8:39	4.6	62%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		8/24/2020	7:46	2.6	33%	Surfc	None	None	
<u>Love Creek</u>									

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Rehoboth Bay									
		<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge	8/24/2020	9:25	4.5	61%	Surfc	None	None
		<u>Rehoboth Bay</u>							
		RB38: Joy Beach-bay	8/18/2020	10:17	4.3	62%	Surfc	None	None
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge	8/27/2020	10:12	3.6	45%	Surfc	None	None

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