

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/1/2020 and 6/17/2020

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							
			6/5/2020	7:40	3.9	55%	Surfc	None	None
Broadkill River									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			6/14/2020	17:55	4.7	60%	Surfc	None	None
		BR40: Canary Creek at Pilottown Rd.							
			6/9/2020	7:21	3.2	42%	Surfc	None	None
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			6/7/2020	8:15	4.3	55%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR53: Foord's Landing, PHNWR							
			6/7/2020	8:30	4.9	61%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			6/10/2020	8:10	4.0	57%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			6/13/2020	8:40	4.1	57%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge.							
			6/16/2020	8:33	4.5	54%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			6/2/2020	7:44	4.1	52%	Surfc	None	None
			6/9/2020	7:51	3.6	50%	Surfc	None	None
			6/16/2020	7:49	2.1	28%	Surfc	None	Minor
		SB04: Petherton canal at Rt1							
			6/9/2020	7:33	3.0	41%	Surfc	Minor	Minor
			6/16/2020	7:39	1.3	17%	Surfc	Major	Minor
		SB06: Brandywine Canal							
			6/9/2020	7:41	4.3	60%	Surfc	Minor	Major
			6/16/2020	7:44	2.3	32%	Surfc	Major	Minor
		SB09: Carlisle canal							
			6/2/2020	6:58	2.3	31%	Surfc	Minor	Minor
			6/9/2020	6:58	1.6	22%	Surfc	Minor	Minor
			6/16/2020	7:06	0.3	4%	Surfc	Major	Minor
		SB10E: Russell Canal east dead end							
			6/2/2020	7:59	4.9	65%	Surfc	None	None
			6/9/2020	8:07	2.8	38%	Surfc	None	None
			6/16/2020	8:02	1.0	14%	Surfc	None	None
		SB10W: Russell Canal west dead end							

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?
Little Assawoman Bay									
<u>Jefferson Creek</u>									
SB10W: Russell Canal west dead end									
			6/9/2020	8:23	3.1	44%	Surfc	Minor	None
			6/16/2020	8:16	1.6	22%	Surfc	Major	None
SB13: South end of York Canal									
			6/9/2020	7:04	4.8	66%	Surfc	Major	None
<u>Little Assawoman Bay</u>									
LA46: Fenwick Island Tide Gauge									
			6/9/2020	7:00	4.1	55%	Surfc	None	None
			6/16/2020	7:00	4.3	56%	Surfc	None	None
LA48: W. Georgetown St. Canal - Fenwick									
			6/9/2020	9:43	4.7	63%	Surfc	None	None
Rehoboth Bay									
<u>Guinea Creek</u>									
RB06A: Guinea Creek @ Rd 298 Bridge									
			6/16/2020	7:58	4.3	52%	Surfc	None	None

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