

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2020 and 5/31/2020

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Broadkill River</b>									
		<u>Canary Creek</u>							
		BR40: Canary Creek at Pilottown Rd.							
			5/26/2020	8:11	4.5	53%	Surfc	None	None
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			5/31/2020	8:15	4.3	50%	Surfc	None	None
<b>Indian River</b>									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			5/30/2020	8:00	4.7	61%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			4/14/2020	7:55	2.6	31%	Surfc	None	None
			5/5/2020	7:45	4.8	57%	Surfc	None	None
			5/12/2020	7:41	4.1	47%	Surfc	None	Minor
			5/19/2020	7:52	2.3	28%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			5/19/2020	8:00	5.0	58%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			4/14/2020	7:47	3.8	43%	Surfc	None	None
			5/19/2020	7:46	2.7	32%	Surfc	Major	None
		SB06: Brandywine Canal							
			4/14/2020	7:41	2.4	27%	Surfc	None	None
			5/5/2020	7:33	4.6	55%	Surfc	Minor	None
			5/19/2020	7:38	0.9	11%	Surfc	Minor	Minor
		SB09: Carlisle canal							
			4/28/2020	6:57	4.0	46%	Surfc	None	None
			5/5/2020	7:00	4.2	49%	Surfc	None	None
			5/19/2020	7:00	1.6	17%	Surfc	Minor	None
			5/26/2020	6:55	2.9	36%	Surfc	Minor	Minor
		SB10E: Russell Canal east dead end							
			4/28/2020	8:00	4.3	49%	Surfc	Minor	None
			5/5/2020	8:01	4.3	50%	Surfc	Minor	None
			5/19/2020	8:07	1.5	18%	Surfc	Minor	None
			5/26/2020	7:50	4.3	53%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			5/19/2020	8:26	0.9	11%	Surfc	Major	Minor

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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