

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/1/2019 and 6/21/2019

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Assawoman Bay</b>									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier	6/6/2019	7:40	4.9	67%	Surfc	None	None
<b>Broadkill River</b>									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road	6/8/2019	8:40	2.8	32%	Surfc	None	None
			6/12/2019	11:20	3.4	41%	Surfc	None	None
		<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond	6/12/2019	10:02	2.4	29%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.	6/2/2019	9:00	3.6	45%	Surfc	None	None
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	6/2/2019	8:45	3.7	45%	Surfc	None	None
<b>Cedar Creek</b>									
		<u>Slaughter Creek</u>							
		BR58: Slaughter Creek bridge	6/2/2019	9:30	4.9	60%	Surfc	None	None
<b>Indian River</b>									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina	6/6/2019	7:50	4.2	57%	Surfc	None	None
			6/20/2019	7:10	4.2	59%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard	6/11/2019	8:25	4.5	59%	Surfc	None	None
		IR24: Iron Branch - County road 331 at bridge	6/10/2019	8:35	4.6	53%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane	6/11/2019	8:30	3.0	39%	Surfc	None	None
			6/18/2019	7:45	4.2	56%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek	6/3/2019	8:20	4.0	55%	Surfc	None	None
			6/10/2019	8:25	3.5	46%	Surfc	None	None
			6/17/2019	8:35	3.9	54%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing	6/4/2019	7:03	4.7	61%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge.	6/4/2019	8:06	4.8	57%	Surfc	None	None
			6/11/2019	8:08	2.0	25%	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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
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**Little Assawoman Bay**

Dirickson Creek

LA09: Dirickson Creek at Road 381 bridge.

6/18/2019 8:20 1.7 23% Surf None None

LA29: Upper Dirickson Creek @ Rt20

6/11/2019 6:05 3.6 41% Surf None None

6/18/2019 6:04 4.6 52% Surf None None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1

6/4/2019 8:06 0.9 13% Surf Minor None

6/18/2019 7:43 4.7 65% Surf None None

SB02: Anchorage Canal near elbow

6/4/2019 6:47 4.5 61% Surf None None

SB04: Petherton canal/rt1

6/4/2019 7:50 1.4 19% Surf Major Minor

SB05: Petherton canal, between lots 156 and 162

6/4/2019 7:39 4.8 64% Surf Minor Minor

SB06: Brandywine Canal

6/4/2019 7:58 1.8 25% Surf Major Minor

SB09: Carlisle canal

6/4/2019 6:22 0.8 11% Surf Minor None

6/18/2019 7:05 3.2 45% Surf None None

SB10E: Russell Canal east dead end

6/4/2019 6:55 0.9 12% Surf None Minor

6/11/2019 7:55 3.8 51% Surf None None

SB10W: Russell Canal west dead end

6/4/2019 7:15 1.2 17% Surf None Minor

6/11/2019 8:08 3.1 43% Surf None None

SB13: South end of York Canal

6/4/2019 6:17 4.7 63% Surf Major None

Little Assawoman Bay

LA46: Fenwick Island Tide Gauge

6/4/2019 7:30 4.0 51% Surf None None

6/11/2019 7:30 4.9 64% Surf None None

6/18/2019 8:00 4.5 65% Surf None None

LA48: W. Georgetown St. Canal - Fenwick

6/11/2019 7:46 4.9 65% Surf None None

6/18/2019 8:23 3.2 44% Surf None None

**Rehoboth Bay**

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1

6/10/2019 9:11 2.6 35% Surf None None

6/17/2019 9:20 4.9 69% Surf None None

Guinea Creek

RB06A: Guinea Creek @ Rd 298 Bridge

6/10/2019 8:18 3.7 42% Surf None None

Lewes-Rehoboth Canal

RB08A: Lewes Canal Front Park - Kayak Launch

6/12/2019 11:37 4.8 62% Surf None None

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