

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/1/2017 and 6/16/2017

University of Delaware Citizen Monitoring Program

Water Body	Tributary Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
				ppm	% Saturation	Depth	On Shore?	In Water?
Broadkill River								
	<u>Old Mill Creek</u>							
	BR21: Old Mill Creek downstream from Red Mill Pond							
		6/14/2017	10:15	2.9	37%	Surfc	None	None
Delaware Bay								
	<u>Canary Creek</u>							
	BR19: Canary Creek at New Road							
		6/10/2017	7:50	3.0	40%	Surfc	None	None
	BR40: Canary Creek at Pilottown Rd							
		6/14/2017	6:48	3.7	51%	Surfc	None	None
Indian River								
	<u>Assawoman Canal</u>							
	IR50: Assawoman Canal at N end, Ocean View Marina							
		6/15/2017	9:40	4.0	55%	Surfc	None	None
	<u>Indian River</u>							
	IR03: Oak Orchard							
		6/6/2017	8:35	4.2	55%	Surfc	Minor	Minor
		6/15/2017	8:35	3.5	48%	Surfc	None	None
	IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		6/13/2017	8:06	4.8	68%	Surfc	Minor	None
	IR24: Iron Branch - County road 331 at bridge							
		6/12/2017	9:08	4.3	54%	Surfc	None	None
	<u>Pepper Creek</u>							
	IR51: Pepper Creek, Creekside							
		6/13/2017	10:55	4.7	69%	Surfc	None	None
	<u>Vines Creek</u>							
	IR38: Vines Lane							
		6/4/2017	8:15	4.0	52%	Surfc	None	None
		6/13/2017	8:40	4.3	63%	Surfc	None	None
	<u>White Creek</u>							
	IR32: Holly Terrace Acres Canal Dead End, White Creek							
		6/5/2017	8:17	4.3	59%	Surfc	None	Minor
		6/12/2017	8:25	2.7	38%	Surfc	None	None
Little Assawoman Bay								
	<u>Dirickson Creek</u>							
	LA03: Mulberry Landing							
		6/13/2017	6:54	4.9	68%	Surfc	None	None
		6/13/2017	6:55	4.8		0.6 m	None	None
	LA09: Dirickson Creek at Road 381 bridge.							
		6/5/2017	8:54	3.8	48%	Surfc	None	None
		6/5/2017	8:55	1.9		0.6 m	None	None
		6/13/2017	7:48	1.5	19%	Surfc	None	None
		6/13/2017	7:49	0.4		0.6 m	None	None
	LA29: Upper Dirickson Creek @ Rt20							
		6/13/2017	6:09	4.7	53%	Surfc	None	None
	<u>Jefferson Creek</u>							
	SB01: Anchorage Canal @ Rt 1							

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.

University of Delaware Citizen Monitoring Program

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	6/6/2017	7:40	4.5	60%	Surfc	None	None
		SB04: Petherton canal/rt1	6/6/2017	7:35	2.8	37%	Surfc	Major	None
			6/13/2017	7:45	4.7	66%	Surfc	Major	None
		SB09: Carlisle canal	6/6/2017	7:05	2.8	35%	Surfc	None	None
		SB10E: Russell Canal east dead end	6/6/2017	7:55	3.3	44%	Surfc	Minor	Minor
			6/13/2017	7:15	4.9	69%	Surfc	Major	Minor
		SB10W: Russell Canal west dead end	6/6/2017	8:16	4.8	58%	Surfc	Minor	Major
		SB12: Jefferson Canal West side @ tidal gage	6/13/2017	7:05	4.9	69%	Surfc	None	None
Rehoboth Bay									
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	6/5/2017	8:06	2.5	33%	Surfc	None	None
			6/12/2017	7:39	4.3	58%	Surfc	None	None
<u>Love Creek</u>									
		RB80: Upper Love Creek at Webb Landing	6/6/2017	8:50	4.4	54%	0.6 m	None	None
			6/7/2017	8:32	3.4	41%	0.9 m	None	None
			6/15/2017	7:46	3.8	50%	0.6 m	None	None
			6/16/2017	7:41	3.1	41%	0.6 m	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.

University of Delaware Citizen Monitoring Program