

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/31/2019 and 9/30/2019

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							
			8/31/2019	8:20	4.4	62%	Surfc	None	Minor
			9/15/2019	8:45	4.5	63%	Surfc	None	None
Broadkill River									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			8/31/2019	8:45	2.0	27%	Surfc	None	None
			9/15/2019	12:30	3.4	47%	Surfc	None	None
		<u>Fleetwood Pond</u>							
		BR51: Fleetwood Pond, PHNWR							
			9/2/2019	8:29	4.1	50%	Surfc	None	None
			9/8/2019	8:35	4.0	46%	Surfc	None	None
			9/15/2019	8:28	4.3	51%	Surfc	None	None
		<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond							
			9/11/2019	10:15	3.0	42%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
			9/2/2019	8:00	4.0	53%	Surfc	None	None
			9/8/2019	8:07	2.8	36%	Surfc	None	None
			9/15/2019	8:00	4.0	54%	Surfc	None	None
			9/22/2019	8:04	3.8	48%	Surfc	None	None
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			9/2/2019	9:00	3.4	46%	Surfc	None	None
			9/11/2019	10:48	3.4	46%	Surfc	None	None
			9/15/2019	9:00	2.6	34%	Surfc	None	None
		BR53: Foord's Landing, PHNWR							
			9/2/2019	8:45	4.8	58%	Surfc	None	None
			9/15/2019	8:43	4.3	51%	Surfc	None	None
			9/22/2019	8:48	4.5	51%	Surfc	None	None
		<u>Turkle Pond</u>							
		BR50: Turkle Pond, PHNWR							
			9/2/2019	8:17	4.8	58%	Surfc	None	None
Cedar Creek									
		<u>Slaughter Creek</u>							
		BR58: Slaughter Creek bridge							
			9/2/2019	9:30	4.6	61%	Surfc	None	None
			9/8/2019	9:36	3.7	49%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			9/23/2019	8:25	3.5	47%	Surfc	None	None
		<u>Indian River</u>							
		IR02a: Rosedale crabbing pier							
			9/9/2019	10:20	3.7	50%	Surfc	None	None

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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?
Indian River									
	<u>Indian River</u>								
		IR03: Oak Orchard							
		9/10/2019	8:15	4.9	70%	Surfc	None	None	
		9/19/2019	8:15	4.8	61%	Surfc	None	None	
		9/27/2019	8:05	4.8	65%	Surfc	None	None	
		IR26: Possum Point							
		9/17/2019	11:20	3.7	50%	Surfc	None	None	
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		9/12/2019	7:40	4.0	56%	Surfc	Minor	Minor	
	<u>Vines Creek</u>								
		IR38: Vines Lane							
		9/3/2019	8:30	3.4	47%	Surfc	None	None	
		9/10/2019	8:30	4.2	59%	Surfc	None	None	
	<u>White Creek</u>								
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
		9/4/2019	8:45	2.5	36%	Surfc	None	None	
		9/9/2019	9:35	1.4	19%	Surfc	None	None	
		9/18/2019	8:35	2.2	30%	Surfc	None	None	
		9/23/2019	8:31	4.5	60%	Surfc	None	None	
Little Assawoman Bay									
	<u>Dirickson Creek</u>								
		LA09: Dirickson Creek at Road 381 bridge.							
		9/24/2019	7:33	3.3	45%	Surfc	None	None	
		LA29: Upper Dirickson Creek @ Rt20							
		9/24/2019	8:45	2.2	26%	Surfc	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		9/3/2019	7:40	3.2	47%	Surfc	None	None	
		9/10/2019	7:55	4.3	60%	Surfc	None	None	
		9/17/2019	7:26	3.3	46%	Surfc	None	None	
		9/24/2019	7:40	4.4	61%	Surfc	None	None	
		SB04: Petherton canal/rt 1							
		9/3/2019	7:35	3.5	51%	Surfc	None	None	
		9/17/2019	7:16	2.8	40%	Surfc	None	None	
		9/24/2019	7:35	3.8	54%	Surfc	None	None	
		SB06: Brandywine Canal							
		9/3/2019	7:30	4.9	72%	Surfc	None	None	
		9/17/2019	7:21	3.8	54%	Surfc	None	None	
		SB07: Layton Canal, South Bethany							
		9/3/2019	7:15	4.0	58%	Surfc	None	None	
		SB09: Carlisle canal							
		9/3/2019	7:06	3.5	50%	Surfc	None	None	
		9/10/2019	7:07	2.8	38%	Surfc	None	None	
		9/17/2019	7:42	3.5	50%	Surfc	None	None	
		9/24/2019	7:05	3.4	48%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		9/17/2019	7:55	4.4	63%	Surfc	None	None	
		9/24/2019	7:55	4.7	66%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gage							
		9/3/2019	8:00	4.8	70%	Surfc	None	None	
		SB13: South end of York Canal							
		9/3/2019	7:00	3.9	56%	Surfc	None	None	

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Little Assawoman Bay									
		<u>Little Assawoman Bay</u>							
		LA46: Fenwick Island Tide Gauge							
			9/3/2019	7:30	3.8	50%	Surfc	None	None
			9/10/2019	7:30	3.7	51%	Surfc	None	None
			9/24/2019	7:30	4.0	53%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick							
			9/10/2019	8:17	4.3	59%	Surfc	None	None
			9/24/2019	8:03	3.3	45%	Surfc	None	None
Rehoboth Bay									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			9/4/2019	9:20	1.7	25%	Surfc	None	None
			9/9/2019	10:20	2.0	28%	Surfc	None	None
			9/18/2019	9:20	2.7	38%	Surfc	None	None
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
			9/9/2019	8:03	3.5	48%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge							
			9/9/2019	8:24	3.7	44%	Surfc	None	None
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch							
			9/11/2019	12:20	4.9	69%	Surfc	None	None
		<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge							
			9/9/2019	9:56	3.7	49%	Surfc	None	None

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