

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/1/2010 and 7/22/2010

University of Delaware Citizen Monitoring Program

Water Body	Tributary Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
				ppm	% Saturation	On Shore?	In Water?

## Assawoman Bay

### Roy Creek

BA01: Keenwick on Bay, Roy Creek

7/13/2010	8:20	3.6	52%	None	Minor
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## Broadkill River

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/4/2010	7:30	1.5	18%	None	None
7/11/2010	8:00	1.6	21%	None	None
7/14/2010	12:25	3.6	49%	None	None
7/18/2010	8:00	1.9	25%	None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/14/2010	12:00	2.8	41%	None	None
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## Delaware Bay

### Canary Creek

BR19: Canary Creek at New Road

7/2/2010	17:43	4.8	65%	None	None
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BR40: Canary Creek at Pilottown Rd

7/7/2010	9:45	3.7	53%	None	None
7/21/2010	9:30	4.9	72%	None	None

## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, marina dock

7/13/2010	8:10	3.5	52%	None	None
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### Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

7/12/2010	8:06	1.6	23%	None	None
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### Indian River

IR07: Holt's Landing State Park

7/6/2010	7:50	4.6	66%	None	None
7/13/2010	7:40	3.5	51%	None	Minor
7/20/2010	7:30	4.9	72%	None	None

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

7/11/2010	9:00	4.2	61%	None	None
7/18/2010	9:00	3.2	49%	Minor	None

IR20: Bay Colony

7/6/2010	8:00	4.1	58%	None	None
7/12/2010	7:55	3.0	44%	None	None

### Salt Pond

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 ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
<b>Indian River</b>								
<u>Salt Pond</u>								
IR73: Western edge of Salt Pond								
			7/5/2010	7:40	4.0	57%	Minor	Minor
			7/11/2010	7:30	2.0	29%	None	None
			7/18/2010	7:20	3.5	52%	None	Minor
<u>Vines Creek</u>								
IR38: Vines Lane								
			7/7/2010	7:10	2.6	39%	None	None
			7/13/2010	7:45	3.5	49%	None	None
<u>White Creek</u>								
IR29: Holly Terrace Acres Canal, White Creek								
			7/9/2010	7:30	2.6	40%	None	None
			7/21/2010	7:30	4.3	66%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek								
			7/7/2010	8:00	2.1	31%	None	None
			7/12/2010	8:55	3.9	59%	None	None
			7/12/2010	9:00	4.2	63%	None	None
			7/19/2010	8:32	3.4	51%	None	None
<b>Little Assawoman Bay</b>								
LA42B: Narrows, South of state beach at point								
			7/12/2010	7:28	4.9	72%	None	None
LA43: Fenwick Island Lagoon								
			7/6/2010	8:38	4.3	65%	Minor	None
			7/13/2010	8:44	3.5	51%	None	None
			7/20/2010	8:31	4.0	62%	None	None
LA44: Fenwick Island Cove								
			7/6/2010	7:35	4.5	66%	None	None
			7/13/2010	7:35	4.3	63%	None	None
			7/20/2010	7:30	3.9	59%	None	None
LA45: Fenwick Island Bayside								
			7/6/2010	8:15	4.1	60%	None	None
			7/13/2010	8:10	4.4	64%	None	None
			7/20/2010	8:03	3.7	56%	None	None
LA46: Fenwick Island Tide Gauge								
			7/13/2010	8:45	4.5	66%	None	None
LA47: Fenwick Island, Dagsboro Street, South Side								
			7/13/2010	8:55	4.4	64%	Minor	None
<u>Assawoman Canal</u>								
LA10: Assawoman Canal @ Kent Ave Bridge								
			7/12/2010	7:45	3.3	47%	None	None
<u>Dirickson Creek</u>								
LA09: Dirickson Creek at Road 381 bridge.								
			7/12/2010	8:30	4.2	58%	None	None
LA19B: Mid Dirickson Creek off Swann Keys								
			7/12/2010	7:45	3.7	54%	None	None

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**Little Assawoman Bay**

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
			7/6/2010	7:34	1.4	20%	None	None
			7/13/2010	7:44	0.9	13%	None	None
			7/20/2010	6:30	2.1	32%	None	None
SB02: Anchorage Canal near elbow								
			7/6/2010	7:10	3.1	45%	None	None
			7/13/2010	7:55	3.2	48%	None	None
			7/20/2010	6:43	3.3	49%	None	None
SB04: Petherton canal/rt1								
			7/6/2010	7:28	1.6	23%	None	None
			7/13/2010	7:37	3.8	56%	None	None
			7/20/2010	6:26	2.1	31%	None	None
SB05: Petherton canal, between lots 156 and 162								
			7/6/2010	7:22	3.4	50%	None	None
			7/13/2010	7:28	3.9	58%	None	None
			7/20/2010	6:20	2.9	44%	None	None
SB07: Layton Canal, South Bethany								
			7/6/2010	7:46	3.2	47%	None	None
			7/13/2010	7:14	3.5	52%	None	None
			7/20/2010	6:11	4.2	64%	None	None
SB09: Carlisle canal								
			7/6/2010	7:56	3.6	52%	None	None
			7/13/2010	7:05	2.3	33%	None	None
			7/20/2010	5:55	2.5	37%	None	None
SB10E: Russell Canal east dead end								
			7/6/2010	8:26	0.9	13%	None	None
			7/6/2010	8:58	1.2	18%	None	None
			7/13/2010	8:00	1.3	19%	None	None
			7/20/2010	6:48	3.3	50%	None	None
			7/20/2010	7:57	3.8	57%	None	None
SB10W: Russell Canal west dead end								
			7/6/2010	8:20	0.3	4%	None	None
			7/6/2010	8:50	0.8	12%	None	None
			7/13/2010	8:20	1.1	16%	None	None
			7/20/2010	7:02	3.2	49%	None	None
			7/20/2010	8:00	3.3	51%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			7/6/2010	8:09	3.4	50%	None	None
			7/13/2010	8:11	3.7	54%	None	None
			7/20/2010	6:56	3.5	52%	None	None

**Rehoboth Bay**

RB07: West Bay Park								
			7/6/2010	8:30	4.6	69%	None	None
			7/13/2010	8:00	3.6	54%	None	None
			7/20/2010	8:30	4.4	66%	None	None

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**Rehoboth Bay**

Bald Eagle Creek

RB46: Torquay Canal at East bulkhead on Land's End.								
			7/12/2010	8:33	2.2	33%	None	None
RB64: Torquay Canal, west side of Land's End near UD Site #1								
			7/7/2010	8:35	1.0	15%	None	None
			7/12/2010	8:44	1.0	14%	None	None

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)								
			7/12/2010	11:45	4.6	69%	Minor	Minor
			7/13/2010	8:10	3.3	50%	None	Minor
			7/21/2010	8:10	2.3	34%	None	None

Herring Creek

RB04: Herring Creek, Mid-Section								
			7/15/2010	8:14	4.8		None	None
RB75B: Junction of Guinea and Herring Creeks								
			7/7/2010	7:17	3.4	50%	None	None

Love Creek

RB63: Upper Love Creek near Webb Landing								
			7/6/2010	8:25	4.2	52%	None	None
			7/20/2010	8:30	4.3	55%	None	None

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