

Harmful Algae Report

All data between 9/23/2006 and 10/23/2006

Citizen Monitor Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Assawoman Bay							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	10/10/2006	9:55	Surfc		No HABs found		
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	10/9/2006	8:59	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	10/9/2006	8:59	Surfc	<i>Microcystis spp. (T)</i>		Common	0.63
LA10: Assawoman Canal @ Kent Ave Bridge							
	9/25/2006	8:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.20
	9/25/2006	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/9/2006	8:00	Surfc		No HABs found		
	10/23/2006	8:30	Surfc		No HABs found		
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	10/9/2006	8:39	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	10/9/2006	8:39	Surfc	<i>Chattonella cf. verruculosa (B)</i>		Present	
	10/9/2006	8:39	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.11
	10/9/2006	8:39	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/9/2006	8:39	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	10/9/2006	8:39	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.17
	10/9/2006	8:39	Surfc	<i>Proto-peridinium quinquecorne (B)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	10/9/2006	8:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/9/2006	8:45	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	10/1/2006	9:30	Net	<i>Chaetoceros spp. (T)</i>		Present	
	10/1/2006	9:30	Net	<i>Ditylum spp. (T)</i>		Present	
	10/1/2006	9:30	Net	<i>Prorocentrum sp. (T)</i>		Present	
	10/1/2006	9:30	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Chaetoceros spp. (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Dinophysis acuminata (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Ditylum spp. (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Fibrocapsa japonica (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Heterocapsa rotundata (B)</i>		Present	
	10/10/2006	10:00	Net	<i>Karlodinium venificum (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Prorocentrum sp. (T)</i>		Present	
	10/10/2006	10:00	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	10/10/2006	10:00	Surfc	<i>Karlodinium venificum (T)</i>		Present	

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Broadkill River							
BR20: Broadkill River at Milton tidal pond							
	10/11/2006	11:00	Surfc		No HABs found		
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	10/11/2006	11:57	Surfc	<i>Anabaena spp. (T)</i>		Common	0.93
	10/11/2006	11:57	Surfc	<i>Cylindrospermopsis? (T)</i>		Common	0.17
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	10/10/2006	9:46	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
BR40: Canary Creek at Pilottown Rd							
	10/11/2006	9:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/11/2006	9:00	Surfc	<i>Prorocentrum sp. (T)</i>		Present	
Indian River							
IR11: Big Ditch Point							
	10/16/2006	8:30	Surfc		No HABs found		
IR21: Entrance to Boat House Pond, Indian River Bay							
	10/16/2006	7:40	Surfc		No HABs found		
<u>Indian River</u>							
IR04: Warwick Cove							
	10/9/2006	10:00	Surfc		No HABs found		
	10/16/2006	9:03	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR07: Holt's Landing State Park							
	10/10/2006	8:33	Surfc		No HABs found		
IR20: Bay Colony							
	10/16/2006	8:20	Surfc		No HABs found		
IR36B: James Farm, Pasture Point							
	10/16/2006	7:52	Surfc		No HABs found		
<u>Vines Creek</u>							
IR38: Vines Lane							
	10/3/2006	8:10	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	10/3/2006	8:10	Surfc	<i>Prorocentrum gracile (B)</i>		Common	0.20
	10/3/2006	8:10	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>White Creek</u>							
IR23: Bethany Marina							
	10/16/2006	6:55	Surfc		No HABs found		
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	10/5/2006	8:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	6.40
	10/5/2006	8:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/5/2006	8:50	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.14
	10/5/2006	8:50	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	10/5/2006	8:50	Surfc	<i>Prorocentrum gracile (B)</i>		Common	0.21
	10/9/2006	9:11	Surfc	<i>Karlodinium venificum (T)</i>		Present	

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	10/9/2006	9:11	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	10/9/2006	10:35	Surfc	<i>Microcystis spp. (T)</i>		Many	2.50
	10/9/2006	10:35	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	10/10/2006	8:16	Surfc	<i>Anabaena spp. (T)</i>		Common	0.31
	10/10/2006	8:16	Surfc	<i>Microcystis spp. (T)</i>		Many	2.06
	10/10/2006	8:16	Surfc	<i>Oscillatoria spp. (B)</i>		Common	0.13
Lewes - Rehoboth Canal							
<u>Delaware Bay</u>							
RB02: Lewes - Rehoboth Canal at Lewes							
	9/26/2006	8:30	Net	<i>Chaetoceros spp. (T)</i>		Present	
	9/26/2006	8:30	Net	<i>Ditylum spp. (T)</i>		Present	
	9/26/2006	8:30	Net	<i>Prorocentrum sp. (T)</i>		Present	
	9/26/2006	8:30	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	9/26/2006	8:30	Surfc	"Gymnodinioid" sp.	25-40 um Grn	Present	
	10/3/2006	8:30	Net	"Gymnodinioid" sp.	25-40 um Grn	Present	
	10/3/2006	8:30	Net	<i>Prorocentrum sp. (T)</i>		Present	
	10/3/2006	8:30	Surfc		No HABs found		
	10/17/2006	8:30	Net	<i>Chaetoceros spp. (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Ditylum spp. (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Heterosigma akashiwo. (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Karlodinium venificum (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Prorocentrum gracile (B)</i>		Present	
	10/17/2006	8:30	Net	<i>Prorocentrum minimum (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Prorocentrum sp. (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	10/17/2006	8:30	Net	<i>Scrippsiella sp. (B)</i>		Present	
	10/17/2006	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/17/2006	8:30	Surfc	<i>Scrippsiella sp. (B)</i>		Present	

Little Assawoman Bay

LA15B: Red channel marker #12							
	10/2/2006	7:43	Surfc		No HABs found		
LA35B: Red Channel marker #28, across from Miller Creek							
	10/2/2006	7:31	Surfc		No HABs found		
LA42B: Narrows, South of state beach at point							
	10/2/2006	7:35	Surfc	<i>Karlodinium venificum (T)</i>		Present	
LA45: Fenwick Island Bayside							
	10/10/2006	8:00	Surfc		No HABs found		

Dirickson Creek

LA03: Mulberry Landing							
	10/9/2006	9:22	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	

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Little Assawoman Bay							
<u>Dirickson Creek</u>							
LA09: Dirickson Creek at Road 381 bridge.							
	10/9/2006	10:09	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.76
	10/9/2006	10:09	Surfc	<i>Karodinium venificum (T)</i>		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	10/10/2006	9:45	Surfc		No HABS found		
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	10/2/2006	7:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	10/5/2006	8:26	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/5/2006	8:26	Surfc	<i>Karodinium venificum (T)</i>		Present	
	10/9/2006	8:31	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	10/9/2006	8:31	Surfc	<i>Karodinium venificum (T)</i>		Present	
SB10W: SB: Russell Canal west dead end							
	10/5/2006	8:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/5/2006	8:22	Surfc	<i>Karodinium venificum (T)</i>		Common	0.11
	10/9/2006	8:26	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park							
	10/10/2006	8:55	Surfc		No HABS found		
LA33B: Camp Barnes dock - by boat							
	10/2/2006	7:22	Surfc		No HABS found		
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	10/9/2006	9:55	Surfc	<i>Karodinium venificum (T)</i>		Present	
	10/9/2006	9:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
Rehoboth Bay							
ML: Massey's Landing							
	10/16/2006	11:27	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
RB07: West Bay Park							
	10/17/2006	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/17/2006	8:30	Surfc	<i>Karodinium venificum (T)</i>		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	9/26/2006	8:41	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/26/2006	8:41	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	9/26/2006	8:41	Surfc	<i>Karodinium venificum (T)</i>		Common	0.10
	9/26/2006	8:41	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	9/26/2006	8:41	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	9/28/2006	13:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/28/2006	13:40	Surfc	<i>Karodinium venificum (T)</i>		Present	
	9/28/2006	13:40	Surfc	<i>Prorocentrum gracile (B)</i>		Common	0.14

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Rehoboth Bay							
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	9/28/2006	13:40	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	9/28/2006	13:40	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	10/10/2006	9:25	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	10/10/2006	9:25	Surfc	<i>Karlodinium venificum (T)</i>		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	10/9/2006	11:30	Surfc		No HABs found		
RB06: Guinea Creek (Winding Creek Village)							
	10/9/2006	8:30	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	10/9/2006	11:50	Surfc	<i>Karlodinium venificum (T)</i>		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	10/16/2006	11:55	Surfc	<i>Karlodinium venificum (T)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	9/26/2006	9:18	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.13
	9/26/2006	9:18	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/26/2006	9:18	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	9/26/2006	9:18	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	9/26/2006	9:18	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	9/26/2006	9:18	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	10/5/2006	8:55	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.10
	10/5/2006	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	10/5/2006	8:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	10/5/2006	8:55	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	10/5/2006	8:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Common	0.46
	10/5/2006	8:55	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	10/9/2006	12:17	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	10/9/2006	12:17	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	

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