2010 Bloom Occurrence

January, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	9	.	0.20
Clewiston	8	.	0.20
Observation Island	11	.	.
L005	8	.	.
Harney Pond	3	.	0.20
Indian Prairie Canal	7	.	0.20
Kings Bar	10	.	.
Kissimmee River	5	.	0.20
Taylor	11	.	0.20

February, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	6	.	0.20
Clewiston	14	.	0.20
Observation Island	4	.	.
L005	25	.	.
Harney Pond	17	.	0.20
Indian Prairie Canal	14	.	0.20
Kings Bar	9	.	.
Kissimmee River	9	.	0.20
Taylor	19	.	0.20

March, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	12	.	0.20
Clewiston	13	.	0.20
Observation Island	24	.	.
L005	11	.	.
Harney Pond	8	.	0.20

Indian Prairie Canal	15	.	0.20
Kings Bar	4	.	.
Kissimmee River	4	.	0.20
Taylor	12	.	0.20

April, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	3	.	0.20
Clewiston	5	.	0.20
Observation Island	21	.	.
L005	11	.	.
Harney Pond	9	.	0.20
Indian Prairie Canal	13	.	0.20
Kings Bar	5	.	.
Kissimmee River	6	.	0.20
Taylor	7	.	0.20

May, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	5	.	0.20
Clewiston	4	.	0.20
Observation Island	8	.	.
L005	16	.	.
Harney Pond	11	.	0.20
Indian Prairie Canal	15	.	0.20
Kings Bar	18	.	.
Kissimmee River	8	.	0.20
Taylor	21	.	0.20

June, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a moderate algal bloom (>40 ppb) was present at Harney Pond and Kings Bar and a severe bloom (>60ppb) was present at Taylor Creek. Microcystin levels at the Clewiston site were above the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	8	.	0.20

Clewiston	7	.	3.6
Observation Island	31	.	.
L005	38	.	.
Harney Pond	42	Moderate	0.20
Indian Prairie Canal	39	.	0.20
Kings Bar	41	Moderate	.
Kissimmee River	11	.	0.20
Taylor	85	Severe	0.20

July, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a moderate algal bloom (>40 ppb) was present at L005 and Harney Pond stations. Microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	4	.	0.20
Clewiston	4	.	0.20
Observation Island	.	.	.
L005	59	Moderate	.
Harney Pond	46	Moderate	0.20
Indian Prairie Canal	28	.	0.20
Kings Bar	25	.	.
Kissimmee River	12	.	0.20
Taylor	28	.	0.20

August, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a moderate algal bloom (>40 ppb) was present at L005 and at Indian Prairie stations, and a severe algal bloom (>60 ppb) was present at Kings Bar. Microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all sites except Kissimmee River. A microcystin level of <1.0 ug/L is considered no hazard to humans.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	21	.	0.20
Clewiston	28	.	0.20
Observation Island	16	.	.
L005	60	Moderate	.
Harney Pond	8	.	0.20
Indian Prairie Canal	59	Moderate	0.20
Kings Bar	67	Severe	.
Kissimmee River	8	.	0.30
Taylor	37	.	0.20

October, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a severe algal bloom (>60 ppb) was present at the Clewiston station. Microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	19	.	0.20
Clewiston	65	Severe	0.20
Observation Island	11	.	.
L005	20	.	.
Harney Pond	12	.	0.20
Indian Prairie Canal	15	.	0.20
Kings Bar	8	.	.
Kissimmee River	26	.	0.20
Taylor	16	.	0.20

November, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	12	.	0.20
Clewiston	7	,	0.20
Observation Island	4	.	.
L005	24	.	.
Harney Pond	11	.	0.20
Indian Prairie Canal	26	.	0.20
Kings Bar	10	.	.
Kissimmee River	12	.	0.20
Taylor	6	.	0.20

December, 2010

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	11	.	0.20
Clewiston	5	,	0.20

Observation Island	8	.	.
L005	11	.	.
Harney Pond	3	.	0.20
Indian Prairie Canal	9	.	0.20
Kings Bar	4	.	.
Kissimmee River	3	.	0.20
Taylor	4	.	0.20

January, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	3	.	0.20
Clewiston	3	,	0.20
Observation Island	2	.	.
L005	6	.	.
Harney Pond	11	.	0.20
Indian Prairie Canal	11	.	0.20
Kings Bar	16	.	.
Kissimmee River	5	.	0.20
Taylor	36	.	0.20

February, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	6	.	0.20
Clewiston	11	,	0.20
Observation Island	2	.	.
L005	17	.	.
Harney Pond	6	.	0.20
Indian Prairie Canal	14	.	0.20
Kings Bar	12	.	.
Kissimmee River	9	.	0.20
Taylor	24	.	0.20

March, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a severe algal bloom (>60 ppb) was present at the Indian Prairie Canal station.

Microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	6	.	0.20
Clewiston	12	,	0.20
Observation Island	.	.	.
L005	19	.	.
Harney Pond	6	.	0.20
Indian Prairie Canal	61	Severe	0.20
Kings Bar	15	.	.
Kissimmee River	12	.	0.20
Taylor	8	.	0.20

April, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
Pahokee	4	.	0.20
Clewiston	5	,	0.20
Observation Island	.	.	.
L005	10	.	.
Harney Pond	8	.	0.20
Indian Prairie Canal	21	.	0.20
Kings Bar	.	.	.
Kissimmee River	21	.	0.20
Taylor	17	.	0.20

May, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all sites except the Kissimmee River.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	24	.	1.7
CLV10A	14	.	.
LZ30	4	.	.
L005	3	.	.
LZ2	9	.	0.20

POLESOUT	14	.	0.20

June, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	25	.	0.20
CLV10A	10	.	0.20
LZ30	1	.	0.20
L005	21	.	0.20
LZ2	8	.	0.20
POLESOUT	16	.	0.20

July, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a moderate algal bloom (>40 ppb) was present at station LZ2. Microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	15	.	0.20
CLV10A	14	.	0.20
LZ30	1	.	0.20
L005	3	.	0.20
LZ2	55	Moderate	.
POLESOUT	18	.	.

August, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a moderate algal bloom (>40 ppb) was present at station LZ2 and a severe bloom (>60 ppb) was present at POLESOUT. Microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	14	.	0.20
CLV10A	23	.	0.20
LZ30	4	.	0.20
L005	3	.	0.20
LZ2	43	Moderate	0.20
POLESOUT	65	Severe	0.20

September, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	9	.	0.20
CLV10A	19	.	0.20
LZ30	10	.	0.20
L005	23	.	0.20
LZ2	7	.	0.20
POLESOUT	23	.	0.20

October, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	5	.	0.20
CLV10A	10	.	0.20
LZ30	10	.	0.20
L005	20	.	0.20
LZ2	21	.	0.20
POLESOUT	17	.	0.20

November, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites. Microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all stations except KISSR0.0. A microcystin level of <1.0 ug/L is considered no hazard to humans.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	6	.	0.3
CLV10A	6	.	0.20
LZ30	23	.	0.20
L005	15	.	0.20
LZ2	2	.	0.20
POLESOUT	19	.	0.20

December, 2011

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that a severe algal bloom (>60 ppb) was present at site LZ30. Microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all stations.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	6	.	0.20
CLV10A	4	.	0.20
LZ30	75	severe	0.20
L005	17	.	0.20
LZ2	4	.	0.20
POLESOUT	17	.	0.20

January, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all stations.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	5	.	0.20
CLV10A	12	.	0.20
LZ30	9	.	0.20
L005	7	.	0.20
LZ2	10	.	0.20
POLESOUT	39	.	0.20

February, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	7	.	0.20
CLV10A	5	.	0.20
LZ30	6	.	0.20
L005	13	.	0.20
LZ2	4	.	0.20
POLESOUT	17	.	0.20

March, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	15	.	0.20
CLV10A	4	.	0.20
LZ30	7	.	0.20
L005	23	.	0.20
LZ2	6	.	0.20
POLESOUT	17	.	0.20

April, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	12	.	0.20
CLV10A	11	.	0.20
LZ30	8	.	0.20
L005	18	.	0.20
LZ2	8	.	0.20
POLESOUT	16	.	0.20

May, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were all at or below the analytical minimum level of detection (0.2 ug/L).

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)
KISSR0.0	11.2	.	0.20
CLV10A	13.0	.	0.20
LZ30	7.93	.	0.20
L005	21.0	.	0.20
LZ2	16.8	.	0.20
POLESOUT	18.1	.	0.20

June, 2012

The chlorophyll *a* concentrations (corrected for phaeophytin) indicate that algal blooms (>40 ppb) were not present at any of the sampling sites and microcystin levels were at or below the analytical minimum level of detection (0.2 ug/L) at all stations except LZ30.

Station (see map)	Chlorophyll *a* (ppb)	Bloom Condition	Microcystin (ug/L)

KISSR0.0	**19.2**	**.**	**0.20**
CLV10A	**14.4**	**.**	**0.20**
LZ30	**5.9**	**.**	**1.1**
L005	**35.5**	**.**	**0.20**
LZ2	**15.9**	**.**	**0.20**
POLESOUT	**22.7**	**.**	**0.20**