

*Follow this link to convert degrees minutes seconds to decimal degrees <a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a>			**Plant abundance is on scale of 1 – 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant																		
Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epihydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirilus	Sagittaria sp.	
6/29/2004	sunny with partial clouds	1	N 41 24 18.7 W 72 30 06.6	0	5	2	3	3	2												
6/29/2004	sunny with partial clouds	1		5	5	2	4	2		2	3	2									
6/29/2004	sunny with partial clouds	1		10	5		4	3				4									
6/29/2004	sunny with partial clouds	1		20	5		4														
6/29/2004	sunny with partial clouds	1		30	5		4						2								
6/29/2004	sunny with partial clouds	1		40	5		3						2								
6/29/2004	sunny with partial clouds	1		50	5	4	2		2					2							
6/29/2004	sunny with partial clouds	1		60	4		2	1					5								
6/29/2004	sunny with partial clouds	1		70		5															
6/29/2004	sunny with partial clouds	1	N 41 24 17.0 W 72 30 03.8	80		5															
6/29/2004	sunny with partial clouds	2	N 41 24 13.3 W 72 30 09.3	0	2	2					2		2		3						
6/29/2004	sunny with partial clouds	2		5		2						2			3						
6/29/2004	sunny with partial clouds	2		10		2							1		2						



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.
6/29/2004	sunny with partial clouds	2		20		5		1							2					
6/29/2004	sunny with partial clouds	2		30		5									3					
6/29/2004	sunny with partial clouds	2		40		4									3					
6/29/2004	sunny with partial clouds	2		50		4														
6/29/2004	sunny with partial clouds	2		60		4														
6/29/2004	sunny with partial clouds	2		70		4									1	3				
6/29/2004	sunny with partial clouds	2	N 41 24 14.5 W 72 30 06.3	80		3									3	2				
6/29/2004	sunny with partial clouds	3	N 41 24 01.4 W 72 30 04.1	0	5	2							1		4					
6/29/2004	sunny with partial clouds	3		5	5								2							
6/29/2004	sunny with partial clouds	3		10	3								3		2		1			
6/29/2004	sunny with partial clouds	3		20		4														
6/29/2004	sunny with partial clouds	3		30		4									3					
6/29/2004	sunny with partial clouds	3		40		3							2		3					
6/29/2004	sunny with partial clouds	3		50		4							4		2					
6/29/2004	sunny with partial clouds	3		60		2														



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.
6/29/2004	sunny with partial clouds	3		70		2														
6/29/2004	sunny with partial clouds	3	N 41 24 02.6 W 72 30 00.9	80		1														
6/30/2004	sunny and clear with a light wind	4	N 41 23 55.0 W 72 29 59.3	0					2			3			1	1				
6/30/2004	sunny and clear with a light wind	4		5	3	2						3			2	2				
6/30/2004	sunny and clear with a light wind	4		10	4	2							2		2					
6/30/2004	sunny and clear with a light wind	4		20											2			3		
6/30/2004	sunny and clear with a light wind	4		30									1					3		
6/30/2004	sunny and clear with a light wind	4		40																
6/30/2004	sunny and clear with a light wind	4		50		1														
6/30/2004	sunny and clear with a light wind	4		60																
6/30/2004	sunny and clear with a light wind	4		70																



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.	
6/30/2004	sunny and clear with a light wind	4	N 41 23 56.4 W 72 29 56.3	80																	
6/30/2004	sunny and clear with a light wind	5	N 41 24 05.5 W 72 29 47.3	0		2				3		3									
6/30/2004	sunny and clear with a light wind	5		5		2			2												
6/30/2004	sunny and clear with a light wind	5		10																	
6/30/2004	sunny and clear with a light wind	5		20																	
6/30/2004	sunny and clear with a light wind	6	N 41 24 07.2 W 72 29 46.7	0	5	2															
6/30/2004	sunny and clear with a light wind	6		5	4	2							2								
6/30/2004	sunny and clear with a light wind	6		10		3							3			2					
6/30/2004	sunny and clear with a light wind	6		20		2									2		1		3		
6/30/2004	sunny and clear with a light wind	6		30																	



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.
6/30/2004	sunny and clear with a light wind	6		40												2				
6/30/2004	sunny and clear with a light wind	6		50																
6/30/2004	sunny and clear with a light wind	6		60																
6/30/2004	sunny and clear with a light wind	6		70																
6/30/2004	sunny and clear with a light wind	6	N 41 24 06.9 W 72 29 49.9	80																
6/30/2004	sunny and clear with a light wind	7	N 41 24 11.4 W 72 29 50.7	0		2				5										
6/30/2004	sunny and clear with a light wind	7		5								3	2							
6/30/2004	sunny and clear with a light wind	7		10											3	3				
6/30/2004	sunny and clear with a light wind	7		20		3							2		1	2				
6/30/2004	sunny and clear with a light wind	7		30		2							2							



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.
6/30/2004	sunny and clear with a light wind	7		40																
6/30/2004	sunny and clear with a light wind	7		50																
6/30/2004	sunny and clear with a light wind	7		60									1			1				
6/30/2004	sunny and clear with a light wind	7		70												2				
6/30/2004	sunny and clear with a light wind	7	N 41 24 09.6 W 72 29 53.2	80																
6/30/2004	sunny and clear with a light wind	8	N 41 24 14.2 W 72 29 48.3	0					2	2	3	2				1				2
6/30/2004	sunny and clear with a light wind	8		5		2				2									3	
6/30/2004	sunny and clear with a light wind	8		10		2						2				3				
6/30/2004	sunny and clear with a light wind	8		20									1			4		4		
6/30/2004	sunny and clear with a light wind	8		30		4							4			4				



Date	weather	transect	Latitude and Longitude*	meters from shore	Nymphaea odorata**	Cabomba caroliniana	Utricularia gibba	Nuphar variegata	Potamogeton epiphydrus	Eleocharis acicularis	Gratiola aurea	Isoetes lacustris	Myriophyllum heterophyllum	Potamogeton pulcher	Utricularia geminiscapa	Potamogeton pusillus	Barsenia scheberrii	Utricularia sp.	Potamogeton spirillus	Sagittaria sp.
6/30/2004	sunny and clear with a light wind	8		40		2														
6/30/2004	sunny and clear with a light wind	8		50																
6/30/2004	sunny and clear with a light wind	8	N 41 24 12.7 W 72 30 01.0	60																

