

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2019
Site: Wyola Center

Date	Secchi	Depth to	Dissolved Oxygen				Conduc-	SPC	pH
	Depth	Bottom	Depth	Temp	D.O.	D.O.			
05/09/2019	(Meters)	(Meters)	(Meters)	(Celcius)	mg/L	%	tivity		
	4	10							
			0.1	15.5	9.5	95	31.1		4.85
			1	15.2	9.6	95	31.1		4.89
			2	15	9.5	94	31.3		4.95
			3	12	9.6	89	28.9		4.98
			4	10.7	9.8	87	25.9		4.82
			5	10.2	9.5	85	26.2		4.87
			6	9.8	9.6	84	26.4		4.85
			7	9.5	9.2	80	26.5		4.88
			8	8.5	8.1	69	26.9		4.84
			9	8	7.4	63	27.6		4.79
			10	7.9	6.8	58	27.6		4.77
Rain for past 5 days - Today sunny and breezy -- Barometer = 30.05									

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2016
Site: Wyola Center

	Secchi	Depth to	Dissolved Oxygen				
Date	Depth	Bottom	Depth	Temp	D.O.	Conduc-	pH
06/03/2016	(Meters)	(Meters)	(Meters)	(Celcius)	%	tivity	
	6	10					
			0.1				
			1	24.2	8.3	47.6	5.12
			2	23.5	8.1	49.2	5.25
			3	20.5	9.9	45.2	5.02
			4	16.3	10	40.4	5.16
			4.5				
			5	14.3	9.5	38	4.96
			5.5				
			6	12.4	8.1	35.9	4.81
			6.5				
			7	10.3	6.2	33.6	4.5
			7.5				
			8	9.4	4.1	32.7	4.44
			8.5				
			9	8.8	3.2	32.4	4.33
			9.5				
			10				

	Secchi	Depth to	Dissolved Oxygen				
Date	Depth	Bottom	Depth	Temp	D.O.	Conduc-	pH
07/05/2016	(Meters)	(Meters)	(Meters)	(Celcius)	%	tivity	
	3.5	9.5					
			0.1	27	7.7	53.6	6.2
			1	25.9	7.4	53.4	6.19
			2	25.1	7.4	52.5	6.15
			3	24.7	7.5	52.2	6.17
			4	24.3	7.3	51.8	6.1
			4.5				
			5	20.8	7.3	46.5	6.05
			5.5				
			6	16.1	6.4	40.4	5.83
			6.5				
			7	13.3	3.2	37.1	4.57
			7.5				
			8	10.6	0.3	35.4	4.51
			8.5				
			9	9.8	0.1	32.9	4.56
			9.5	9.3	0	34.4	4.85
			10				

Date	Secchi	Depth to	Dissolved Oxygen			Conduc- tivity	pH
	Depth (Meters)	Bottom (Meters)	Depth (Meters)	Temp (Celcius)	D.O. %		
08/21/2016	4	9.5					
			0.1	26.5	7.4	56.1	5.86
			1	26.5	7.5	56.5	6.01
			2	26.5	7.3	56.6	6.11
			3	26.5	7.4	56.5	6.14
			4	26.5	7.4	56.4	6.2
			4.5				
			5	26	7.1	56.3	5.89
			5.5				
			6	20.4	1.2	46.7	5.71
			6.5				
			7	16.1	0.4	41.7	4.84
			7.5				
			8	12.7	0	38	4.85
			8.5				
			9				
			9.5				
Brisk winds blow the boat from the 10 meter deep lake center a shallower location just							

**Lake Wyola - Shutesbury, MA
sample form**

	Secchi	Depth to	Dissolved Oxygen						
Date	Depth	Bottom	Depth	Temp	D.O.	D.O.	Conduc-	SPC	pH
	(Meters)	(Meters)	(Meters)	(Celcius)	(ppm)	%	tivity		
			0.1						
			1						
			2						
			3						
			4						
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						
			9						
			9.5						
			10						

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2015
Site: Wyola Center

	Secchi	Depth to	Dissolved Oxygen							
Date	Depth	Bottom	Depth	Temp	D.O.	D.O.	Conduc-	SPC	pH	
	(Meters)	(Meters)	(Meters)	(Celcius)	(ppm)	%	tivity			
03-Aug-15	3		1	26.6	7.2	93	51	49.5	6.15	
			2	26.6	7.1	91	51	49.5	6.12	
			3	26.5	6.8	89	50.9	49.5	6.1	
			4	25.3	5.8	74	49	49.2	6.09	
			5	20.5	4	46	43.1	47.2	5.9	
			6	15.9	4.7	49	38.8	47.1	5.79	
			7	12.9	2.2	22	37	48.1	5.5	
			8	11.3	0.2	2	37.4	50.6	5.35	
			9	10.7	0.1	1	36.4	50.1	5.25	
			10	10	0	0	48.5	67	no data	

**Lake Wyola - Shutesbury, MA
Field Sampling Data for 2011
Site: Wyola Center**

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen			Conduc- tivity	pH meter	
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)		Temp (Celcius)	pH
19-Jun-11	4	11.2	0.1	22.5	8.6	43.3		6.69
			1	22.5	8.5	43.5		6.3
			2	22.4	8.17	43.4		6.1
			3	21.7	7.83	42.9		5.95
			4	17.1	8.25	34.9		5.2
			4.5	14.5	8.5	33.7		5.45
			5	13	8.35	33.3		5.45
			5.5	11.2	7.77	33.1		4.92
			6	10.3	7.3	32.7		4.9
			6.5	9.6	6.09	32.7		5.05
			7	9.3	5.15	32.6		5.25
			7.5	8.9	4.48	39		5.25
			8	8.7	4	32.7		5.24
			8.5	8.6	2.37	33		5.22
9	8.5	2.23	33		5.24			
9.5	8.4	1.2	33.7		5.35			
16-Jul-11	4	10.5	0.1	26.2	8.5	46		6.7
			1	25.8	8.43	45.7		6.6
			2	25.5	8.29	44.5		6.52
			3	23.6	8.1	45.7		5.95
			4	20	8.28	37.7		5.82
			4.5	17.1	7.71	36.9		5.75
			5	15.4	7.32	35.4		5.62
			5.5	13.2	5.62	35		5.58
			6	11.9	4.26	34.8		5.58
			6.5	10.8	2.68	34.7		5.55
			7	10.2	2.47	34.5		5.55
			7.5	9.8	1.95	34.4		5.55
			8	9.5	1.5	34.3		5.55
			8.5	9.2	0.64	34.6		5.56
9	9	0.06	34.7		5.59			
9.5	8.9	0	36.4		5.77			

21-Aug-11	5	10.75	0.1	24.8	9.26	46.8	6.9
			1	24.7	8.82	46.9	6.72
			2	24.5	8.8	46.1	6.59
			3	24	8.39	45.8	6.47
			4	22.6	7.15	44	6.25
			5	20.2	4.9	40.9	5.76
			5.5	15.4	4.02	38.3	5.64
			6	14.5	3.61	37.2	5.63
			6.5	12.9	1.82	36.8	5.62
			7	11.9	0.96	36.5	5.65
			7.5	10.7	0.16	35.3	5.62
			8	9.9	0	37.4	5.99
			8.5	9.2	0	54.1	6.25
			9	9.1	0	61.5	6.5
			9.5	9	0	63.1	6.62

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2010
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen			Conductivity	pH meter		Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)		Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
17-Jul-10	5	10.75	0.1	20.5	7.4	46.6		6.7							
			1	28.3	7.4	48.1		6.6							
			2	29.2	7.4	49.3		6.6							
			3	28	7.25	48.5		6.5							
			4	25	7.25	46.5		6.2							
			4.5	22	9.1	45.1		6.1							
			5	20	7.9	44.6		5.95							
			5.5	18	6.5	44.5		5.7							
			6	17	5.1	44.6		5.6							
			6.5	15	3.1	45		5.52							
7	14	1.6	45.5		5.52										
7.5	13	0.6	45.8		5.52										

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2008
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter		Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conductivity	Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
08-Jun-08	7	10.6	0.1	22.5	7.7	46		5.34							
			1	21.3	8.22	44.9		5.24							
			2	20.4	8.42	43.8		5.24							
			3	19.1	8.6	48.2		5.23							
			4	18.5	8.65	48.1		5.01							
			5	15.8	9.9	46.4		4.88							
			5.5	14.2	10.6	46.2		4.88							
			6	12.4	10.9	46.8		4.8							
			6.5	10.6	10.6	48.1		4.68							
			7	9.5	7.5	49.7		4.54							
			7.5	8.4	5.3	50.3		4.48							
			8	8.2	4.5	50.6		4.46							
			8.5	8	3.22	50.8		4.42							
			9	7.9	2	51.3		4.45							
28-Jun-08	5	10.75	0.1	23.1	6.2	46.6		5.46							
			1	23	6.5	46.7		5.3							
			2	22.8	6.68	47.1		5.21							
			3	22.1	6.68	44		4.9							
			4	20.4	6.76	44.2		4.78							
			4.5	18.3	7.88	46.9		4.79							
			5	16.4	8.42	46.6		4.72							
			5.5	14.7	8.78	46.9		4.6							
			6	13	8.8	47.5		4.75							
			6.5	12	7.8	48.9		4.63							
			7	10.2	4.4	50.8		4.29							
			7.5	9.8	3.2	51.5		4.28							
			8	9.4	1.8	52.1		4.28							
			8.5	8.8	0.69	52.9		4.29							
			9	8.7	0.01	53.5		4.35							

19-Jul-08	6	10.6	0.1	27.3	8.38	48.1						
			1	26.9	8.65	48						
			2	26.8	8.63	48						
			3	26.4	8.55	48						
			4	23.9	8.5	46.7						
			5	18.3	10.17	47						
			5.5	16.4	10.1	47.5						
			6	13.6	9.33	48.9						
			6.5	12.6	8.2	50.2						
			7	11.8	2.75	52.8						
7.5	10.6	2.33	52.7									
8	10.2	0.95	53.5									
17-Aug-08	5	10.5	0.1	23.5	7.53	40.8	5.74					
			1	23.4	7.63	41	5.82					
			2	23.3	7.72	41.1	5.74					
			3	23.1	7.72	41.3	5.8					
			4	21.9	7.45	41.1	4.78					
			4.5	21.2	6.38	42	5.3					
			5	19.5	5.82	46.4	5.31					
			5.5	17.5	5.5	49.6	5.3					
			6	15.8	3.81	50.8	5.3					
			6.5	13.8	2.5	51.8	5.29					
7	12.3	0.16	53.4	5.34								
7.5	11.2	0	60.3	5.72								
8	10.2	0	74.1	6.05								

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2007
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter		Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conductivity	Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
14-Jul-07	5	10.7	0.1	25.2	6.48	43.6		6.3							
			1	25.2	6.62	43.7		6.36							
			2	25.1	6.67	43.7		6.39							
			3	25	6.64	44		6.29							
			4	22.4	5.73	42.9		5.98							
			4.5	20.6	6.57	39.9		5.74							
			5	17	6.97	37.8		5.67							
			5.5	14.1	7.02	37.1		5.5							
			6	13.1	6.82	37.2		5.44							
			6.5	11	5.23	38.2		5.38							
			7	9.8	3.84	39.4		5.39							
			7.5	9.2	2.82	40.4		5.39							
			8	9	1.81	40.8		5.42							
			8.5	8.3	0.56	42.3		5.48							
			9	8.1	0.25	42.4		5.45							
			9.5	7.9	0.05	45		5.46							
15-Sep-07	6.1	11	0.1	20.4	8.36	45.4		7.16							
			1	20.5	8.47	45.5		6.6							
			2	20.5	8.54	45.6		6.5							
			3	20.5	8.6	45.6		6.5							
			4	20.5	8.64	45.7		6.47							
			5	20.5	8.52	45.7		6.45							
			6	20.2	7.26	45.4		5.98							
			7	15	1.2	41.7		5.7							
			8	12.2	0.6	42		5.69							
9	9.8	0.04	53.3		6.28										

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2006
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter		Lab pH	Alkalinity			Turbidity	Total Phosphorus (ug/l)	Nitrates (ug/l)	
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conductivity	Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)				
20-May-06	3.5	10.5	0.1	14.4	8.93	40.2		6.02					NTU			
			1	14.3	8.9	40.1		5.98								
			2	14.2	8.85	40.3		5.92								
			3	14.2	8.88	40.6		5.74								
			4	12.7	9	42		5.77								
			4.5	12.4	8.94	41.1		5.34								
			5	12.1	8.88	40.3		5.26								
			5.5	11.8	8.73	38.8		5.08								
			6	11.5	8.51	39		5								
			6.5	10.7	7.25	44		4.9								
			7	10.1	6.25	45.5		4.76								
			7.5	9.9	5.61	45.8		4.63								
			8	9.8	5.36	46.1		4.6								
			8.5	9.7	5.2	46.4		4.6								
			9	9.5	4.98	46.5		4.6								
17-Jun-06	5.9	10.6	0.1	21.8	7.82	41.4		6.32					NTU			
			1	21.8	7.84	41.4		6.33								
			2	21.3	7.89	41.4		6.31								
			3	19.4	8.3	41		6.21								
			4	16.3	8.25	41		6.01								
			4.5	14.6	8.35	40.7		5.83								
			5	14.1	8.21	40.7		5.77								
			5.5	13.4	7.83	41		5.74								
			6	12.8	7.02	41.5		5.58								
			6.5	12	5.6	42.3		5.52								
			7	11.4	4.28	43.6		5.4								
			7.5	10.8	2.8	45.3		5.39								
			8	10.5	2.13	46.1		5.37								
			8.5	10.3	1.87	46.4		5.35								
			9	10.2	1.42	47		5.36								
			9.5	10.2	1.2	47.4		5.4								

22-Jul-06	4	10.5	0.1	27.6	6.66	43.5	6.26			
			1	27.7	6.74	43.5	6.3			
			2	27.7	6.74	43.4	6.31			
			3	26.7	6.62	43.1	6.05			
			3.5	22.6	6.51	42.2	5.75			
			4	21.8	6.7	41.8	5.76			
			4.5	19.6	7.35	41.3	5.68			
			5	16.8	7.32	41.4	5.62			
			5.5	15	6.7	41.8	5.5			
			6	14.3	5.72	42.3	5.42			
			6.5	13.2	3.65	44.3	5.38			
			7	12.5	1.91	44.6	5.34			
			7.5	11.5	0.36	48.1	5.56			
8	11.1	0.05	48.7	5.52						
			8.5	10.8	0	52.9	5.68			
			9	10.6	0	53.5	5.7			
			9.5	10.4	0	60.2	5.92			
19-Aug-06	5.9	10.5	0.1	24.7	7.1	45.3	6.46			
			1	24.5	7.1	45.4	6.5			
			2	24.4	7.2	45.5	6.5			
			3	24.3	7.2	45.7	6.5			
			4	23.9	7	45	6.2			
			4.5	21.8	6.6	43.4	5.8			
			5	19.6	5.9	42	5.62			
			5.5	17	4.8	42.5	5.48			
			6	15.9	4.1	42.6	5.42			
			6.5	14.2	2.24	44.1	5.39			
			7	13	1.01	45.6	5.42			
			7.5	12.4	0.49	46.3	5.4			
			8	11.8	0.05	48.1	5.55			
			8.5	10.9	0	52.2	5.57			
			9	10.7	0	55.4	5.71			
			9.5	10.6	0	62.7	5.85			

16-Sep-06	7	10.7	0.1	19.8	7.76	45.6	6.3				
			1	19.4	7.77	45.6	6.41				
			2	19.1	7.82	45.6	6.43				
			3	19	7.81	45.6	6.44				
			4	19	7.83	45.7	6.44				
			5	18.8	7.75	46.3	6.61				
			6	18.4	5.54	45.6	5.98				
			6.5	17.3	3.61	45.2	5.75				
			7	15.6	1.02	45.9	5.64				
			7.5	14	0.62	46.3	5.72				
			8	12.8	0.1	47	5.77				
			8.5	11.6	0	52.5	5.89				
			9	11.1	0	54.6	5.94				
9.5	11	0	62	6.06							
21-Oct-06	5.6	10	1	12.6	8.42	44.3	7.15				
			2	12.6	8.28	44.2	6.79				
			3	12.6	8.31	44.3	6.54				
			4	12.5	8.33	44.2	6.43				
			5	12.5	8.33	44.3	6.44				
			6	12.5	8.35	44.3	6.38				
			7	12.5	8.48	44.4	6.38				
			8	12.4	8.55	44.3	6.32				

**Lake Wyola - Shutesbury, MA
Field Sampling Data for 2005**

**Site: Wyola Center
Field Sampling Data for 2005
Site: Wyola Center**

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter Temp (Celcius)	pH	Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conduc-tivity				Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
23-Apr-05	4.65	9.69	0.1	13	9.65	39.5									
			0.91	13.2	9.59	38.8									
			1.82	13.2	9.56	39.5									
			2.74	13.2	9.57	38.5									
			3.66	10.1	10.47	34.1									
			4.57	8.5	9.9	33.7									
			5.48	7.5	9.35	33.6									
			6.4	6.6	7.5	34.8									
			7.31	6.3	7.31	35.2									
			8.23	6.1	6.54	35.5									
21-May-05	5.6	11	0.1	16.5	9.57	41									
			1	16.3	9.42	40.2									
			2	16.2	9.37	40.2									
			3	15.2	9.35	37.5									
			3.5	14.6	9.63	37									
			4	13.7	9.9	36									
			4.5	12.4	10.05	34.2									
			5	11.6	9.75	33.9									
			5.5	11	9.35	33.9									
			6	10.4	8.93	34									
			6.5	9.7	8.25	34.6									
			7	9	7.11	35									
			7.5	7.9	4.96	36.3									
8	7.5	4.31	36.4												
8.5	7.4	3.94	36.5												
			9	7.2	3.2	36.5									
			9.5	7.1	2.81	36.5									

18-Jun-05	5	10	0.1	21.7	7.85	49.6					
			1	21.3	7.84	49.4					
			2	21	7.89	49.4					
			3	19.9	8.36	47.3					
			4	15.4	9.4	46.6					
			4.5	14.1	9.26	46.1					
			5	13.4	9.02	45.4					
			5.5	12.5	8.6	46					
			6	11.5	7.9	47.1					
			6.5	10.8	6.78	48.7					
			7	10	5.05	51.2					
			7.5	9.2	3.3	53					
			8	9.1	2.54	53.3					
			8.5	8.7	1.63	54.3					
			9	8.6	1.41	54.4					
			9.5	8.6	1.45	54.7					
16-Jul-05	4.6	10.75	0.1	26.4	7.19	45.1					
			1	26.4	7.2	45.4					
			2	25.5	7.4	45					
			3	22.9	6.72	42					
			4	19.2	7.63	45.7					
			4.5	16.5	7.55	46.2					
			5	14.3	6.76	46.3					
			5.5	12.6	6.14	47.3					
			6	12.2	5.59	48.3					
			6.5	11.4	4.25	49.7					
			7	10.8	3.22	51.6					
7.5	10.1	1.32	53.6								
8	9.7	0.28	54.8								
8.5	9.4	0.04	55.7								
9	9.2	0.04	58.8								

21-Aug-05	4	10.5	0.1	24.6	7.16	46.8										
			1	24.6	7.18	46.3										
			2	24.7	7.16	46.3										
			3	24.6	7.17	46.5										
			3.5	23.6	6.75	46.6										
			4	20.5	5.83	46										
			4.5	18.6	5.94	46.8										
			5	16.3	5.58	47.3										
			5.5	14.4	4.73	48.2										
			6	13.7	3.96	49.2										
17-Sep-05	6.6	10.1	0.1	23	7.25	48.1										
			1	23	7.34	48.2										
			2	23	7.32	48.2										
			3	22.9	7.2	48.5										
			4	22	6.83	48.3										
			5	19	4.28	47.5										
			5.5	15.6	3.18	48.6										
			6	14.7	2.65	49.8										
			6.5	13	0.59	52.5										
			7	12.2	0.38	53.3										
			7.5	11.4	0	55.4										
			8	10.6	0	57.3										
			8.5	10.2	0	64										
			9	9.9	0	77.2										

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2004
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter Temp (Celcius)	Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conductivity			Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
22-May-04	7	10.9	0.1	20.3	7.8	42.9								
			1	20.5	7.82	43								
			2	20.5	7.85	43								
			3	19.4	8	39.7								
			4	15.8	8.68	35.4								
			5	12.8	9.05	33.3								
			6	10.7	9.11	31.9								
			7	8.8	8.1	31.3								
			8	7.7	6.1	30.6								
			9	7.4	5.37	30.5								
			10	7.3	4.57	30.6								
19-Jun-04	7	10	0.1	23.7	7.7	47.6								
			1	23.7	7.59	47.6								
			2	23.7	7.48	47.6								
			3	23.5	7.38	47.5								
			4	19.2	7.63	41.5								
			5	15.5	7.68	37.1								
			6	12.6	7.63	34.6								
			6.5	10.1	4.27	33.5								
			7	9.6	3.42	33.2								
7.5	9.1	2.55	33.1											
8	8.7	1.63	33											
17-Oct-04	4.8	10.5	0.1	14	8.73	37.4								
			1	14	8.75	38								
			2	14	8.8	38.1								
			3	14	8.8	38.1								
			4	14	8.8	38.3								
			5	13.9	8.86	38.1								
			6	13.8	8.89	38.1								
			7	13.8	8.88	38								
			8	13.7	8.71	37.6								
9	13.5	8.39	37.4											

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2003
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter		Lab pH	Alkalinity			Turbidity NTU	Total Phosphorus (ug/l)	Nitrates (ug/l)
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conduc-tivity	Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
17-May-03	4.8	10.7	0.1	14.5	9.22	43.8	14.4	5.25							
			1	14.3	9.25	43.7	14.3	4.8							
			2	14.2	9.25	43.3	14.2	4.52							
			3	14.1	9.2	43.3	14.1	4.45							
			4	14	9.16	43.2	14	4.36							
			4.5	13.6	9.37	43.1	13.8	4.44							
			5	11.5	9.98	40.7	11.9	5.22							
			5.5	9.9	9.68	39.3	9.9	4.87							
			6	9.1	8.83	38.9	9	4.7							
			6.5	8.4	8.06	38.6	8.6	4.27							
21-Jun-03	5	10.5	0.1	21	8.45	49.3	21.1	5.7							
			1	20.9	8.53	49.2	20.9	5.2							
			2	20.5	8.25	48.6	20.5	4.91							
			3	20.1	8.05	48.3	20.1	4.5							
			4	17.6	8.37	45.6	17.1	4.7							
			4.5	15.8	8.71	44.5	16	4							
			5	13.6	8.88	42.7	13.9	3.88							
			5.5	12.4	8.77	41.8	12.3	3.74							
			6	11	8.45	41	11.4	3.44							
			6.5	10.1	6.33	40.2	10	3.35							
7	9.4	4.5	39.9	9.4	3.09										
8	8.5	2.12	39.8	8.8	2.91										
9	8.4	1.34	39.9	8.4	2.81										

19-Jul-03	6.3	10.5	0.1	24.6	7.2	55	24.7	8.3				
			1	24.6	7.2	55.3	24.6	7.6				
			2	24.4	7.18	54.6	24.4	7.2				
			3	24.3	7.1	54.5	24.3	6.9				
			4	21.3	6.6	49.2	21.8	7.1				
			5	15.6	7.1	45.2	15.5	6.9				
			5.5	14.1	7	44	14.6	5.44				
			6	13	6.53	43	12.7	4.8				
			6.5	11.8	5.48	42.6	11.6	4.44				
			7	10.8	3.9	41.8	10.7	4.3				
			8	9.6	1.25	41.6	9.8	4.3				
			9	9.2	0.25	41.8	9.3	3.9				
09-Aug-03	4.5	9.8	0.1	26.5	7.28	57.2						
			1	26.2	7.26	55.6						
			2	25.7	7.27	54.7						
			3	25.3	6.55	46.5						
			4	24.1	5.87	54.2						
			4.5	20.5	6.2	50.3						
			5	18.2	6.25	47.7						
			5.5	15.9	5.37	45.9						
			6	14.2	4.85	44.4						
			6.5	13.3	4.4	44.1						
			7	12.5	3.18	43.4						
			7.5	11	1.1	42.4						
			8	10	0.25	42.4						
			8.5	9.6	0.14	44.9						
			9	9.4	0.12	45.2						

20-Sep-03	6	10.5	0.1	21.5	8.03	50.8								
			1	21.1	8.07	50.4								
			2	21	8.06	50.2								
			3	20.9	8.03	50.2								
			4	20.9	7.9	50.2								
			5	20.7	7.16	50.2								
			5.5	18.4	3.12	50								
			6	16.6	1.69	48.4								
			6.5	15	0.8	46.5								
			7	13	0.38	45.4								
			7.5	12.2	0.09	45.4								
8	11.5	0.04	44.9											
8.5	10.6	0.02	46.4											
9	10.3	0.02	49											
			9.5	10.1	0.01	63.7								
18-Oct-03	3.75	10.5	0.1	12.5	8.78	37.6								
			1	12.4	8.74	37.6								
			2	12.4	8.69	37.6								
			3	12.4	8.69	37.5								
			4	12.3	8.65	37.3								
			5	12.3	8.59	37.3								
			6	12.2	8.62	37.3								
			7	12.2	8.63	37.3								
			8	12.1	8.58	37.4								
9	12.1	8.55	37.4											

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2002
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen				pH meter		Lab pH	Alkalinity			Turbidity	Total Phosphorus	Nitrates
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conduc-tivity	Temp (Celcius)	pH		Digits to pH 4.5 (A)	Digits to pH 4.2 (B)	(2A-B)x.1 (mg/l)			
													NTU	(ug/l)	(ug/l)
21-Sep-02	5	10.5	0.1	21.6	7.42	49.9	21.5	6.34							
			1	21.6	7.41	49.9									
			2	21.6	7.35	49.9									
			3	21.5	7.23	49.9									
			4	21.4	7.12	49.7									
			5	20.4	6.2	48.6									
			5.5	19.9	5.72	48									
			6	19.1	4	48.5									
			6.5	18	1.99	44.6									
			7	15.5	0.2	40.6									
			7.5	14.6	0.03	40.8									
			8	13.7	0.02	42.1									
			9	12.4	0.01	41.8	12.4	4.3							
			9.5	11.9	0	47.4	11.9	4.16							

Lake Wyola - Shutesbury, MA
Field Sampling Data for 2001
Site: Wyola Center

Date	Secchi Depth (Meters)	Depth to Bottom (Meters)	Dissolved Oxygen			pH meter		Lab pH	Alkalinity			Turbidity	Total Phosphorous (ug/l)	Nitrates	
			Depth (Meters)	Temp (Celcius)	D.O. (ppm)	Conduc-tivity	Temp (Celcius)		pH	Digits to pH 4.5 (A)	Digits to pH 4.2 (B)				(2A-B)x.1 (mg/l)
19-May-01															
L01	6	10.5	0.1	15.8	8.8	36.2	15.9	6.12	6.2	25	34	1.6	0.6	5	
			1	15.7	8.75	36.3	15.8	5.88							
			2	15.7	8.75	36.3	15.7	5.72							
			3	15.5	8.73	36.2	15.5	5.63							
			4	15.1	8.8	36.1	15.1	5.5							
			4.5	11.9	10.09	30.8	11.8	5.33							
			5	9.7	9.93	29.7	0.7	5.2							
			5.5	8.5	9.35	28.9	8.6	4.65							
			6	7.9	8.7	28.7	8.1	4.32							
			6.5	7.4	7.4	28.6	7.4	4.12							
L01	6	10.5	7	7.1	7	28.5	7.3	3.84	5.65	25	30	2	0.4	4	
			7.5	6.9	6.6	28.4	7	3.81							
			8	6.7	6.55	28.4	6.8	3.79							
			8.5	6.7	5.73	28.5	6.7	3.75							
			9	6.6	5.6	28.5	6.6	3.78							
L02		3	1	16.7	9.05	37.5	16.2	5.42	6.2	21	28	1.4	0.4	4	
L03		0.25	0.1	18.4	8.05	58.4	18.6	5.45	6.12	35	43	2.7	5	7	
L04		0.5	0.25	16.5	7.22	28.1	15.8	5.02	5.77	27	34	2	1	8	
L05		1.25	0.25	16	8.75	37.2	16.2	5.43	6.12	22	31	1.3	0.5	6	
L06		0.5	0.25	17.1	8.77	40.2	16.9	5.28	6.11	23	31	1.5	0.6	6	
L07		0.9	1	17.8	8.71	42.5	17.9	5.32	6	26	33	1.9	1	5	

