

Lake Water Quality 2014-2023 Annual Report

Loon Lake
Shawano County
WBIC: 323800

Lake Type: DRAINAGE
DNR Region: NE
GEO Region: SE

Site Name	Station ID / Storet #
Loon Lake - Deep Hole	593002

Date	SD (ft)	Hit Bottom	SD (m)	CHL	TP	TSI (SD)	TSI (TP)	TSI (CHL)	Lake Level	Clarity	Color	Perception
05/23/2014	5	NO	1.5			54			NORMAL	CLEAR	BROWN	1-Beautiful, could not be nicer
06/26/2014	4	NO	1.2	11.4	28.3	57	54	53	HIGH	CLEAR	BROWN	2-Very minor aesthetic problems
07/28/2014	4	NO	1.2	9.98	25.9	57	53	52	NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
08/26/2014	5.5	NO	1.7	6.99	23.2	53	53	50	NORMAL		BROWN	2-Very minor aesthetic problems
05/21/2015	5.5	NO	1.7			53			LOW	CLEAR	BROWN	2-Very minor aesthetic problems
06/16/2015	5.25	NO	1.6	8.22	28.4	53	54	51	HIGH	CLEAR	BROWN	2-Very minor aesthetic problems
07/23/2015	5	NO	1.5	6.56	40.3	54	57	49	NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
08/27/2015	4.75	NO	1.4	11.1	35.6	55	56	53	LOW	CLEAR	BROWN	2-Very minor aesthetic problems
04/26/2016	4.4	NO	1.3	3.38	16.7	56	50	44				
05/23/2016	6.5	NO	2		21.4	50	52		LOW	CLEAR	BROWN	2-Very minor aesthetic problems
06/24/2016				7.67	24.6		53	50				
06/24/2016	5.5	NO	1.7			53			HIGH	CLEAR	BROWN	2-Very minor aesthetic problems
07/12/2016				7.27	27.9		54	50				
07/12/2016	4.5	NO	1.4			55			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
07/25/2016	5.5	N	1.7	2.28	19.9	53	51	41				
08/10/2016	6.25	NO	1.9	3.7	24.8	51	53	45	NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
09/05/2016	6.5	NO	2			50			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
10/10/2016	5.1	N	1.6	3.75	20.5	54	52	45				
02/08/2017	5.6	N	1.7		22.2	52	52					
05/25/2017	5.5	NO	1.7		22.5	53	52		HIGH	CLEAR	BROWN	2-Very minor aesthetic problems
06/21/2017	4	NO	1.2	6.55	28.6	57	54	49	HIGH	MURKY	BROWN	2-Very minor aesthetic problems
07/20/2017	4	NO	1.2	9.57	24.2	57	53	52	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
08/15/2017	4.25	NO	1.3	7.77	28	56	54	50	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
05/14/2018	5	NO	1.5		17.8	54	50		HIGH	MURKY	BROWN	2-Very minor aesthetic problems
06/20/2018	6	NO	1.8	7.91	24	51	53	50	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
07/10/2018	5.5	NO	1.7	4.69	19.2	53	51	46	LOW	MURKY	BROWN	2-Very minor aesthetic problems
08/20/2018				4.02	17.9		50	45				
08/22/2018	6.5	NO	2			50			LOW	MURKY	BROWN	2-Very minor aesthetic problems
05/20/2019	4.5	NO	1.4		29.8	55	54		HIGH	MURKY	BROWN	2-Very minor aesthetic problems
06/17/2019		NO		10.7	63.7		60	53	HIGH	MURKY	BROWN	2-Very minor aesthetic problems
07/19/2019	4.5	NO	1.4	15.7	28	55	54	56	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
08/27/2019	3.5	NO	1.1	10.3	25.5	59	53	52	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
06/30/2020	5	NO	1.5	12.5	24.2	54	53	54	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
07/24/2020	5	NO	1.5	10	31.8	54	55	52	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
08/18/2020	5.5	NO	1.7	6	22.2	53	52	48	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
05/12/2021	5	NO	1.5		24.8	54	53		LOW	CLEAR	BROWN	2-Very minor aesthetic problems
06/22/2021	6	NO	1.8	6.46	22.2	51	52	49	LOW	CLEAR	BROWN	2-Very minor aesthetic problems
07/15/2021	7	NO	2.1	5.29	29.9	49	54	47	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
08/23/2021	6	NO	1.8		20.8	51	52		NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
05/27/2022	5.5	NO	1.7		21.2	53	52		NORMAL	MURKY	BROWN	2-Very minor aesthetic problems

06/17/2022	6	NO	1.8	8.33	23.1	51	52	51	NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
07/26/2022	6.25	NO	1.9	7.39	24.4	51	53	50	LOW	MURKY	BROWN	2-Very minor aesthetic problems
08/11/2022	6.25	NO	1.9	5.86	20	51	51	48	LOW	MURKY	BROWN	2-Very minor aesthetic problems
05/26/2023	4	NO	1.2			57			NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
06/27/2023				10.4	26.8		54	53				
06/28/2023	6.0	NO							NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
07/24/2023	5.5	NO							NORMAL	MURKY	BROWN	2-Very minor aesthetic problems
08/10/2023	7.5	NO							NORMAL	MURKY	BROWN	2-Very minor aesthetic problems

5/23/2014		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	64.3	9.07
6	63.3	9.16
9	61.8	9.03
15	57.6	7.23

6/26/2014		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	74.9	8.27
6	70.5	5.96
9	69.2	4.39
15	61	.18

7/28/2014		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	71.7	7.36
6	71.4	7.01
9	71.2	6.88
15	62.1	.25

8/26/2014		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	76.3	8.69
6	75.7	8.63
9	71.3	4.33
15	64.5	.24

5/21/2015		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	61.7	9.04
6	61.2	9.1
9	60.8	9.1
15	60.3	9.13

6/16/2015		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	72.6	8.06
6	70.9	7.84
9	68.3	5.71
15	59.7	.22

7/23/2015		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	78.6	8.04
6	76.3	7.3
9	74.9	5.83
15	62	.23

8/27/2015		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	67.3	8.75
6	66.9	8.45
9	66.2	7.7
15	65.4	6.78

4/26/2016		
Depth FEET	Temp. DEGREES C	D.O. MG/L
	10.3	10.4

5/23/2016		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	69.5	9.37
6	64.1	9.65
9	58.5	8.87
15	54.8	6.61

6/24/2016		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	74.6	8.04
6	73.8	7.47

7/12/2016		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	79.6	7.51
6	77.3	7.68
9	76.7	7.65
15	62.3	.24

7/25/2016		
Depth FEET	Temp. DEGREES C	D.O. MG/L
	16.0	0.1

8/10/2016		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	84.4	7.52
6	82.8	7.42
9	79.1	3.85
15	67.1	.26

9/5/2016		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	72.7	8.13
6	72.5	8.1
9	72.4	8.09
15	64.4	.26

10/10/2016		
Depth FEET	Temp. DEGREES C	D.O. MG/L
	14.4	8.3

2/8/2017		
Depth FEET	Temp. DEGREES C	D.O. MG/L
	1.1	4.7

5/25/2017		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	59	8.77
6	57.8	8.82
9	57.4	8.83
15	56.6	8.6

6/21/2017		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	73.8	6.54
6	72.5	6.4
9	71.7	6.28
15	61.7	.27

7/20/2017		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	79.1	7.92
6	78.6	7.82
9	71.9	.62
15	63.3	.19

8/15/2017		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	74.4	8.63
6	71.7	6.45
9	69.8	4.06
15	64.2	.34

5/14/2018		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	59	8.77
6	57.8	8.82
9	57.4	8.83
15	56.6	8.6

7/10/2018		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	86.4	7.12
6	82.5	7.26
9	78	4.44
15	60.1	.21

8/22/2018		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	78.3	7.8
6	78.4	7.64
9	76.7	5.72
15	63.2	.21

5/20/2019		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	55.8	9.1
6	55.5	9.1
9	55.4	9.1
15	51.8	7.47

6/17/2019		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	69.6	8.04
6	66.7	7.87
9	64.4	5.79
15	58.8	1.52

7/19/2019		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	82.7	7.22
6	81.7	7.2
9	73.2	.22
15	64.1	.14

8/27/2019		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	70.4	6.73
6	69.8	6.64
9	69.6	6.63
15	63.5	.25

6/30/2020		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	79.9	8.33
6	77.5	6.86
9	73.4	3.48
15	59.7	.2

7/24/2020		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	75.8	8.01
6	75.5	7.87
9	74.7	5.41
15	62.2	.29

8/18/2020		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	75.7	7.36
6	75	7.31
9	74.9	7.38
15	63	.24

5/12/2021		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	56.6	9.77
6	55.4	9.77
9	54.7	9.65
15	53.5	8.36

6/22/2021		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	71.8	8.09
6	71.5	8.02
9	71.4	7.98
15	58.5	.38

7/15/2021		
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8/23/2021		
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5/27/2022		
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Depth FEET	Temp. DEGREES F	D.O. MG/L
3	78.3	8.26
6	77.7	8.3
9	77	8.29
15	64	.3

6/17/2022		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	74.3	8.03
6	73.1	8.01
9	72.7	7.98
15	63.1	.25

5/26/2023		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	66.4	9.56
6	65.3	8.78
9	61.4	5.8
15	52.5	4.33

8/10/2023		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	76.2	7.96
6	76.3	7.83
9	76.1	7.69
15	63.1	0.25

Depth FEET	Temp. DEGREES F	D.O. MG/L
3	79	7.77
6	77.7	7.61
9	76.6	6.19
15	67.5	.25

7/26/2022		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	77.1	7.54
6	76.5	7.34
9	76.2	7.06
15	68.7	.24

6/28/2023		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	73.4	7.91
6	72.8	7.86
9	69.4	4.26
15	55.8	.27

Depth FEET	Temp. DEGREES F	D.O. MG/L
3	64.1	8.33
6	63.4	8.42
9	62.9	8.45
15	59.6	6.79

8/11/2022		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	78.1	7.93
6	76.8	7.92
9	76.1	7.88
15	70.8	.35

7/25/2023		
Depth FEET	Temp. DEGREES F	D.O. MG/L
3	78.1	7.85
6	77	7.89
9	74.9	7.1
15	60.6	0.23