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The image shows the front cover of an old book. The cover is made of a light-colored, textured material, possibly cloth or paper, with a dark, repeating decorative border. The border consists of a series of small, dark, pointed shapes. In the center of the cover, the word "RECORD" is printed in a large, serif font, slanted upwards from left to right. The text is enclosed within a decorative banner that has ornate, swirling ends. The book's spine is visible on the left side, showing some wear. The top right corner of the book is damaged, with the outer layer missing, revealing a red material underneath. The bottom right corner also shows this red material.

RECORD

Mike Dombek.
RT. 4 Box 123
Hayward, Wisconsin
54843
(715) 462-3597

Sears Roebuck & Co
42 Green Bay Road
Kenosha
Ill.

TO REORDER THIS BOOK MENTION
ACORN No. S1-667
SPECIFY NUMBER OF PAGES AND RULING
A. C. McCLURG & CO., CHICAGO

Mouth Chippewa

Page - 40

Beaver Point

Page - 80

Black Lake

Page - 120

North Bay

160

40

Sampling Station
Mouth of Chippewa River

16:40

14:VI

13:3

28:5

9:5

11:3

18:40

14:VI:76

	Temp.	% Light Intensity	O ₂ ppm	pH	Conduct- ivity	Secchi Disc	Air Temp.
0'	76°	85	11.4			30	79°
3'	79	75					
6'	79	45					
9'	78	10	10.5				
12'	77	2					
15'	69	0					
18'	56	0	5.3				
32'	50	0	1.4				

13:30

28:VI:76

0	76	85	10.4		57	35'	74°
3'	76	66					
6'	76	20					
9'	75	4	9.0		60		
12'	74	0					
15'	74						
18'	71		7.4		40		
21'	68						
24'	55						
27'	54		5.2		60		

9:30

11:VII:76

0	79	85	10.6		62	4.0	79
3	78	75					
6	75	22					
9	72	12	7.4		60		
12	70	1					
15	68	0					
18	67		2.4		63		
21	65						
24	60						
27	58.7				64		
30	55		0.6				

East wind 7 mph
P. cloudy.

West wind 0-4
P. cloudy, cumulus

North wind 5-10
Bright & clear

Chip. R.

42

14:30
26.VII

	Temp	Light % Intensity	O ₂ ppm	pH	Conductivity	Secchi Disc	Air Temp
0	80	85	12.4	7.3	84	3.5	82°
3	77	80					
6	76.5	65					
9	76	35	11.2	7.3	72		
12	76	10					
15	71.5	2					
18	65.5	0	4.8	6.9	70		
21	64	0					
24	60	0					
27	57	0					
30	57	0					
32	57	0	0	7.3	120		

Remarks

West Wind 5 to 10 mph
P. Cloudyin line between
cat tails and Duncans
+ Jacksons church
bird house and
Lemays boat house

7.VIII 16:00

0	80°	85 ¹	14.7	7.2	57		
3	77	80					
6	72	60					
9	71	40	13.5	6.9	81		
12	69	15					
15	69	7					
18	69	3	11.5	6.9	82		
21	62	0					
24	58	0					
27	56	0					
30	56	0	0	7.0	105		

3.75 80°

Clear-Calm
75' from shore

10:30

22 VIII

H₂O
TEMPLITE
INTSO₂
PPM

P.H.

COND.

SECH

AIR

Clear

ENE - 10 mph.

0 77 85 11.1 7 87 4.0 74

3 77 80

6 75 65

9 75 40 11.0 6.9 72

12 74 15

15 72 10

18 67 2 4.9 6.9 72

21 63 0

24 59 0

27 58 0

30 58 0 0 6.8 120

5 IX 14:00

0 68 85 13.6 7.2 63 3.75 71

3 67 78

6 67 65

9 67 30 13.3 7.3 64

12 65 10

15 65 5

18 65 2 12.4 7.2 71

21 65 0

24 65 0

27 64 0

30 65 0 12.1 7.1 77

wind south 5 mph

50% cumulo-stratus

a nimbo-stratus

	temp.	light intensity	O ₂ ppm	pH	conduct ivity	secchi disc	air temp
21-IX							
16:00	63	85	12.5	6.9	61	3.9'	52
3	63	75					
6	63	60					
9	62	40	31.1	6.95	61		
12	61	15					
15	61	5					
18	61	2	12.5	7.0	69		
21	60	0					
24	60	0					
27	60	0	12.5	7.0	70		
30	60	0					
22-IX							
0	58	85	11.2	6.6	62	5.75	
12:30	57	80					
6	57	75					
9	57	55	10.9	6.6	58		
12	56	40					
15	55	15					
18	55	10	11.3	6.6	61		
21	55	5					
24	55	2					
27	55	0	11.0	6.9	63		
30	55	0					

50% cumulus
15 NClear S NNE
62°

Chippewa
River

Remarks

45

5-10-N

100% altocumulus
light snow

	H ₂ O temp.	light intensity	O ₂ ppm	pH	conduct- ivity	secchi disc	air temp
16-X	0 51	80	13.7	6.8	50	5.25	34.0
16:00	3 51	75					
	6 51	60					
	9 50	35	13.9	6.75	50		
	12 50	15					
	15 50	10					
	18 50	5	13.9	6.85	57		
	21 50	2					
	24 50	2					
	27 49	2	14.3	7.0	59		
	30 49	1					

31-X	0 42	85	15.4	7.0	44	6.0	43
12:00	3 42	80					
	6 41	75					
	9 41	60	16.0	7.1	45		
	12 41	40					
	15 41	20					
	18 41	10	16.7	7.0	56		
	21 41	5					
	24 42	2					
	27 42	2	16.2				
	30						

clear 5 SW

11-XI	0 32	80	19.2	7.0	46	5.0	35.0
11:00	3 34	70					
	6 34	50					
	9 34	40	17.1	7.1	43		
	12 34	25					
	15 34	15					
	18 35	5	15.4	7.1	51		
	21 35	2					
	24						

clear SW 5

2" ice 1/2" SNOW

46

	Temp	Light Intensity	O ₂ ppm	pH	conductivity	Secchi Disc	Plank Temp	Remarks	
1-XII	0 31	70	20.7	6.9	51	4.5	30	100% N15 Calm	13:00
11:00	3 32	55						SNOW	13:00
	6 33	40						4" SNOW 4" ice	
	9 33	30	18.2	7.0	48				
	12 34	15							
	15 34	5							
	18 34	2	16.1	7.1	53				
	21 35	0							
	24								
	27								
14-XII	0 31	80	16.1	7.2	55	5.0	41	clear 20 SW	1-I
13:30	3 32	65						6" ice 4" SNOW	10:00
	6 33	45							
	9 36	25	12.9	7.1	52				
	12 36	16							
	15 36	5							
	18 36	0	13.2	7.0	58				
	21 37	0							
27-XII	0 31	80	16.0	7.2	58	5	10°	clear	
10:00	3 32	65						8" ice, 4" SNOW	11:00
	6 34	46							
	9 37	16	12.2	7.1	54				
	12 37	5							
	15 39	0							
	18 39	0	8.1	7.0	57				
	21 39	0							

			Temp	Light Intensity	O ₂ ppm	pH	Conductivity	Secchi disc	Air Temp	Remarks
Calm	13:30									
	13-I-77	0	32	80	16.0	7.2	67	5	15°	2 40% curv.
1/2 ice		3	33	65						calm
		6	35	35						10" ice
		9	37	10	12.1	7.1	60			
		12	38	5						
		15	38	0						
		18	39	0	4.4	6.95	64			
		21	39	0						
		24	39	0						
W	1-II	0	32	80	16.2	7.2	63	5.5	10°	clear
Now	10:00	3	33	65						8" ice
		6	35	30						5" snow
		9	36	10	10.7	7.0	58			
		12	37	5						
		15	38	0						
		18	38	0	2.1	6.95	60			
		21	39	0						
		24	39	0						
now										
	17-II	0	32	85	17.3	7.3	54	6.25	28°	6" ice
	11:30	3	33	75						4" snow
		6	35	50						100% STR
		9	36	20	8.5	7.0	50			55
		12	38	10						
		15	38	2						
		18	39	0	1.0	6.9	60			
		21	39	0						
		24	39	0						

		Temp	Light Intensity	O ₂ ppm	pH	Cond.	Secchi disc	Air Temp	Remarks	
14-III	10:30	0 32	80	15.2	7.2	53	5.9	38.2	100% STR	25
		3 33	70						calm. misty	16
		6 35	40						3" ice	
		9 36	20	10.9	7.1	51				
		12 36	10							
		15 37	5							
		18 38	0	9.8	7.0	53				
		21 39	0							
		24 39	0							
15-IV	0	57	80	13.8	7.0	50	3.9	64°	100% STC	
		3 56	70						calm.	
		6 53	45							1
		9 50	15	13.2	6.9	38			all ice off lake	13-V
		12 48	5						on April 11, '77	10
		15 46	0							
		18 44	0	13.0	6.8	44				
		21 44	0							
		24 44	0							
9-V	0	65	80	11.9	7.0	66	49	67	Clear, calm.	
11:00	3	62	80							
	6	62	75							
	9	62	45	11.0	6.7	64				
	12	62	25							
	15	61	10							
	18	60	0	10.6	6.8	63				
	21	60	0							
	24	56	0							
	27	56	0	8.0	6.9	63				
	30	56	0							

		Temp	Light Intensity	O ₂ PPM	pH	cond.	secchi disc	Air Temp	Remarks
P city	25-V	0 71	85	11.4	7.2	57	4.0	76	50% cum
	16:00	3 70	75						5N
		6 69	45						
		9 69	10	10.6	7.1	62			
		12 67	2						
		15 64	0						
		18 63	0	9.2	7.0	71			
		21 63	0						
		24 60	0						
		27 57	0	8.1	6.9	84			
		30 53	0						
lake 1,77	13-VI								
	10:00	0 68	85	11.6	7.3	70	3.6	67	wind 4mph S
		3 67	75						70% stratus
		6 67	35						
		9 67	20	10.8	7.0	54			
		12 67	5						
		15 67	0						
		18 66	0	10.4	7.2	30			
		21 65	0						
		24 59	0						
		27 59	0	4.8	6.9	33			
		30 59	0						

50

	Temp	Light Intensity	O ₂ ppm	pH	Cond	Secchi disc	Air Temp	Remarks
17-VIII								50% CUM
14:00	68	80	12.9	7.1	69	3.7	66	10N
3	68	75						
6	68	50						
9	67	15	12.7	7.0	60			
12	67	5						
15	67	10						
18	66		11.3	6.8	57			
21	66							
24	66							
27	65		10.1	7.0	64			
30	65	↓						

80

Sampling station
Beaver Point

11:0

14:

14

28

10

11

26

11:00	H ₂ O Temp	Light Intensity	O ₂ ppm	pH	Conductivity	Secchi Disc	Air Temp.
14:VI:76	0 76	85	11.2			3.0	81
	3 75	70					
	6 73	25	11.4				
	9 72	20					
	12 66	10					
	15 65	2	8.0				

East wind 5 mph.
P. Cloudy

14:30							
28:VI:76	76						
	0 76	85	11.2		52	3.3	74
	3 76	75					
	6 75	40					
	9 74	12	10.0		45		
	12 72	2					
	15 70	0	9.2		44		

West wind 0-4
P. Cloudy cumulus.

10:10							
11:VII:76						4.0	
	0 80	85	11.1		57		79
	3 80	75					
	6 80	50					
	9 76	25	10.5		58		
	12 72	3					
	15 71	0			49		
	18 70	0	6.6		48		

North wind 10
Bright + clear

1600							
26:VII:76							
	0 82	85	12.6	7.4	62		82°
	3 79	78				3.0	
	6 77	60					
	9 76	25	11.6	7.05	63		
	12 75	8					
	15 74	12					
	18 69	0	7.6	6.7	55		

Beaver Pt

82

	Temp	Light % Intensity	O ₂ PPM	PH	conductivity	Secchi Disc	Air temp	Remarks	Beaver
7:VIII	76					3.3	80	Clear calm	2-
0'	76.5	85	12.7	7.1	58				
3	72	80							
6	72	65							
9	70	25	11.6	7.0	59				
12	69	10							
15	69	2							
18	69	1	8.7	6.9	57				
22:VIII	11:00					4.1	75	Clear - NE Breeze	16- 16
0'	77	85	12.6	6.95	63				
3	77	80							
6	77	65							
9	77	40	12.0	6.85	62				
12	76	10							
15	74	5							
18	71	0	7.8	6.85	61				31 11
5:IX	15:00								
0	68	85	13.4	7.3	57	3.5		South wind 5-10 mph 50% cumulus, cumulo- stratus & nimbo stratus	
3	68	80							
6	67	60							
9	66	25	12.9	7.25	58				
12	65	10							
15	66	2							
18	66	2	12.4	7.1	56				
21:IX	0	62	8.6	13.3	6.9	50	4.0	50	15N 57. cumulus
16:20	3	62	65						
6	62	35							
9	62	15	13.1	7.0	50				
12	62	5							
15	62	1							
18	63	0	13.3	6.9	50				

	temp.	light intensity %	O ₂ ppm	pH	conduct- ivity	secchi disc	air temp	Remarks
2-X								0-5 NNE 100% clouds
	0 62	85	11.2	6.85	51	5.5		
	3 60	85						
	6 59	65						
	9 58	50	11.9	6.9	49			
	12 57	25						
	15 57	5		6.8	47			
	18		11.9					
16-X	0 51	80	14.0	6.8	43	4.75	34.0	5-10 N
16:20	3 51	75						100 allostichus
	6 51	50						light snow
	9 51	25	14.0	6.85	42			
	12 50	10						
	15 50	2						
	18 51	1	13.8	6.75	41			
31-X	0 42	85	16.3	6.7	33	6.2	41	clear calm
11:30	3 41	80						lake partially
	6 41	75						iced over
	9 41	55	16.6	6.7	35			
	12 42	25						
	15 43	10	16.4	6.7	34			
	18							

		H ₂ O temp	light intensity %	O ₂ ppm	pH	conduct- ivity	secchi disc	air temp	remarks	
11-XI-76	0	32.5	80	19.7	7.7	36	5.5	35°	clear	1-7
10:00	3	33	75						SW 5	11:7
	6	33.5	50						3" ice	
	9	33.5	40	16.0	7.35	39			1/2" snow	
	12	34	25							
	15									
1-XII-0	31	31	75	21.9	7.0	33	4.2	4°	100% NIS	17:7
9:30	3	32	60						SNOW calm.	09:7
	6	34	40						4" snow 5" ice	
	9	35	25	18.8	6.9	38				
	12	35	10							
14-XII-0	31	31	75	20.2	7.4	38	4.2	41°	clear SW 20	14:7
14:30	3	33	60						7" ice 4" snow	09:7
	6	34	40							
	9	35	20	12.1	7.0	40				
	12	35	5							
27-XII-0	32	32	75	16.0	7.1	48	5'	11°	clear	10:7
11:30	3	34	55						11" ice	14:7
	6	38	30						6" SNOW	
	9	38	5	8.2	6.9	50				
	12	39	2							
13-I-77	0	32	80	13.1	6.85	53	5'	15°	clear	
14:30	3	35	50						snow depth 10"	25:7
	6	38	20						ice 13"	11:7
	9	38	5	4.5	6.7	56			40% cum	
	12	39	2						calm	

		$\frac{1}{2}$ ° Temp	% light Intensity	O ₂ PPM	pH	conduct- ivity	Secchi disc	Air Temp	Remarks
1-II	0	32	80	9.8	6.85	50	5.5'	18°	clear
11:30	3	33	50						14" ice
	6	36	20						8" snow
	9	38	5	2.9	6.7	54			
	12	39	0						
17-II	0	32	85	7.4	6.85	47	5.5'	26°	100% STR
09:00	3	33	60						55 MPH
	6	37	20						4" SNOW
	9	39	5	1.2	6.75	62			15" ice
	12	39	0						
14-III	0	32	80	17.0	7.2	43	6.0'	40°	cloudy
09:30	3	33	70						100% STR Mist
	6	36	50						17" ice
	9	39	30	6.2	7.0	51			no snow
	12	39							
10-IV	0	44	85	16.1	7.5	48	4.5'	80°	clear 55
14:00	3	44	80						1 st day ice
	6	43	55						partially off
	9	42	25	15.5	7.4	50			base
	12	42	15						
25-IV	0	51	80	12.2	7.0	54	4.75	51	20% CUM
11:00	3	52	80						calm
	6	50	65						
	9	50	40	12.0	7.0	52			
	12	50	20						
	15	49	5						
	18	49	0	10.8	7.1	56			

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	H ₂ O Temp	Light Inten- sity	O ₂ PPM	pH	cond- uctivity	Secchi disc	air Temp	Remarks	
9-V	0 65	80	10.8	6.5	63	5.3	79	clear calm	23
11:45	3 62	80							10:
	6 61	70							
	9 61	40	10.6	6.5	60				
	12 61	20							
	15 60	10							
	18 60	5	9.0	6.8	64				
25-V	0 71	80	11.1	6.9	57	4.8	76	50% cum	17-
17:00	3 70	70						5N	13:
	6 69	45							
	9 69	15	10.2	6.9	62				
	12 67	5							
	15 64	2							
	18 62	0	9.1	6.8	54				
13-VI								70% stratus	
9:300	67	80	16.0	6.9	71	3.5	64	WIND S 5-mph	
	3 68	70							
	6 67	25							
	9 67	10	13.2	6.9	67				
	12 67	2							
	15 66	0							
	18 66	0	10.1	7.0	55				
6-VII	0 77	75	12.8	6.9	74	3.6	73	8 NW	
14:00	3 76	60						100% STR	
	6 74	25							
	9 73	10	10.0	6.8	72				
	12 71	2							
	15 70	0							
	18		7.9	7.0	69				

23-VII

	Temp	Light Intensity	O ₂ ppm	pH	Conductivity	Secchi disc	Air Temp	Remarks
--	------	-----------------	--------------------	----	--------------	-------------	----------	---------

10:00	0	77	75	11.9	7.1	63	3.4	78	100% STR
3	77	55							calm.
6	76	30							
9	74	10	9.2	6.9	61				
12	73	2							
15	72	0							
18	72	0	3.1	6.9	62				

17-VIII

13:00	0	68	80	12.6	7.2	59	3.9	66	50% cum
3	68	75							10 N
6	68	40							
9	68	15	12.2	7.1	56				
12	68	2							
15	68	0							
18	68	0	12.2	7.1	57				

120

Sampling Station
Black Lake.

15:40

	H ₂ O Temp	Light Intensity	O ₂ ppm	pH	Conductivity	Secchi Disc	Air Temp.
14: VI : 76	0 79	85	11.6			3.5	84
	3 79	75					
	6 79	14					
	9 79	15	11.4				
	12 79	2					
	15 65	0					
	17 62		2.5				

SSW wind 20mph
P. Cloudy.

10:00

1: ~~VII~~: 76

0	72.5	85	10.7		44	4.0	70
3	72	75					
6	72	35					
9	70	15	9.0		43		
12	66	10					
15	60	0					
17	59	0	1.6		44		

N. wind 0-5
Clear.

12:30

11: ~~VII~~: 76

0	80	85	9.9		56	5.0	77
3	80	75					
6	78	70					
9	70	50	7.8		55		
12	67	25					
15	63	3					
17	61	1	1.1		58		

N. wind 5-10
Clear, Bright,
scattered clouds

2/10 17:30

0	59	85		7.0	52		
3	59	75					
6	58	65					
9	58	35	6.95		51		
12	57	10					
15	57	5					
17	57	3	6.9		51		

Black L-
122

	Temp.	Light Intensity	O ₂ ppm	pH	Conductivity	Secchi Disc	Air Temp	Remarks
25.VII:76								
18:30	0 80	80	11.4	7.6	58	4'	84	South wind 5-10 sparsely scattered cirrus
	3 79	70						
	6 79	45						
	9 74	10	11.1	6.9	60			
	12 70	2						
	15 66	0						
	17 63		1.7	6.8	59			
7.VIII:76								
	0 77	85	12.4	7.1	58	3.7	73	S 0-5 Scattered to clear.
	3 76	80						
	6 72	60						
	9 71	12	11.3	6.9	57			
	12 69	5						
	15 64	1						
	18 63	0	5.1	6.7	57			
22.VIII-8:30								
	0 76	80	11.7	7.1	60	3.75	77	@ clear N.-10 mph
	3 76	75						
	6 76	50						
	9 75	20	10.4	7.1	60			
	12 71	8						
	15 67	2						
	18 63	0	2.7	7.0	61			
6.IX:76	0 66	85	13	7	56	3.9	60	clear S-SW wind 10 mph
9:00	3 66	75						
	6 66	55						
	9 66	20	13.1	7	58			
	12 66	10						
	15 66	2						
	18 65	0	12.8	7	56			

Black Lake

123

Black Lake									123
		Temp.	light intensity	O ₂ ppm	pH	conductivity	Secchi disc	air temp	Remarks
21-X	11:45								
0'	63	80	11.9	6.85	55	5.25'	45°	wind 10N	
3'	62	75						75% cumulus	
6'	62	60							
9'	62	40	12.7	6.80	54				
12'	62	25							
15'	62	10							
18'	63	5	11.6	6.8	54				
2X	0	60	85	11.9	7.0	52	6'	NNE 5 50%	
15:45	3	60	80					Cumulus.	
6	60	70							
9	59	60	12.3	6.95	52				
12	58	25							
15	57	10							
18	57	3	11.2	6.9	51				
17-X	0	52	85	14.1	7.3	41	6'	34 N5 75%	
12:40	3	51	80					Cumulus	
6	51	75							
9	51	50	15.9	7.1	45				
12	51	25							
15	51	10							
18	51	5	15.8	7.45	44				
30-X	0	42	85	14.7	7.2	39	6.1'	45 NE 7 25%	
11:15	3	41	80					ALC	
6	41	65							
9	41	55	14.3	7.2	40				
12	41	25							
15	41	10							
18	42	8	14.8	7.2	37				

Black Lake
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		H ₂ O temp.	light % intensity	O ₂ ppm	pH	conduct- ivity	secchi disc	air temp	Remarks	
16- II									10.5 Clear	10
18:30	0	32	80	16.9	7.4	41	7'	39	4" ice 0" snow	13
	3	32	15							
	6	33	60							
	9	33	35	17.6	7.3	40				
	12	34	15							
	15	35	10							
	18	36	5	15.8	7.1	44				
30- VI	0	32	80	20.6	7.3	44	4.5'	10°	5.5 Clear	
14:05	3	33	65						4" snow 6" ice	31
	6	33	35							13
	9	33	10	20.8	7.3	42				
	12	34	3							
	15	34	1							
	18	35	0	17.2	7.1	46				
15- XII	0	30	80	22.9	7.4	38	6'	28°	5.5 SW 100% STR	
10:45	3	32	65						2" snow 9" ice	19
	6	34	40							16
	9	34	15	19.7	7.2	40				
	12	34	10							
	15	36	0							
	18	37	0	16.0	7.1	44				
27- XII	0	32	80	19.8	7.3	51	6'	13°	clear 11" ice	
14:00	3	34	60						5" snow	
	6	35	20							
	9	36	10	18.1	7.2	40				6
	12	37	2							1
	15	39	0							
	18	39	0	14.2	6.9	39				

		W ₂₀ Temp	Light Intensity	OPM	PH	conductivity	secchi disc	air temp	Remarks
10:30									
13-I-77	0	32	80	19.2	7.25	55	5.1	7	12" ice
	3	36	60						11" snow
	6	36	20						100% STR
	9	38	10	17.5	7.3	38			snowing
	12	39	2						
	15	39	0						
	18	39	0	13.0	6.8	31			
31-I	0	32	80	17.1	7.0	49	5.0'	10°	100% STR
13:00	3	33	60						14" ice
	6	36	25						10" snow
	9	36	10	12.8	6.95	42			
	12	37	2						
	15	38	0						
	18	39	0	5.2	6.8	42			
19-II	0	32	80	16.0	6.9	42	5.2	28°	1/4" ice
15:00	3	33	60						5" snow
	6	35	30						5's clear
	9	38	15	10.2	6.6	40			
	12	38	5						
	15	39	0						
	18	39	0	4.1	6.5	54			
6-III	0	32	80	12.4	7.0	42	5.2	40°	20" ice
15:00	3	33	65						7" snow
	6	35	50						50% CUM
	9	37	20	5.6	6.7	48			Calm
	12	38	10						
	15	38	2						
	18	39	0	2.6	6.6	42			

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	H ₂ O Temp	Light In- Tensity	O ₂ ppm	pH	Cond.	Secchi disc	Air Temp	Remarks
4-IV	0 32	70	11.9	7.0	42	3.0'	30	100% STR
9:00	3 32	55						Snow
	6 33	30						
	9 34	15	7.6	6.9	49			
	12 36	5						
	18 38	0	5.0	6.7	46			
26-V	0 58	80	10.8	7.2	48	4.8	47	clear calm
9:00	3 56	65						
	6 54	40						
	9 53	15	10.1	7.0	51			
	12 51	5						
	18 49	0	9.2	6.9	47			

160 Black Lake
North Bay

	Temp	Light Intensity	O ₂ ppm	pH	conductivity	Secchi Disc	Air Temp	total depth	161 Remarks
21-IX 11:15									
0 60°	85%	13.1	6.85	57	from	45°	4.5'	wind 10N. 35, 45	
3 60°	75	13.8	6.85	57	Bottom			75% cumulus	
21-IX 16:20	60	85	13.4	7.5	60	from			
3 60	80	13.4	7.6	62	Bottom				
17-X 0 48	85	18.5	7.35	42	From	34		N 1/2 50% cum	
13:15 3 48	80	17.9	7.4	50	Bottom				
30-X 0 42	85	17.4	7.5	51	vr	45		5 NE 25% ALS	
12:15 3 41	80	15.9	7.7	50	vr				
16-XI 0 32	80	21.0	7.1	50	from	38°		10s clear	
3 35	65	19.2	7.5	55	Bottom			4" ice 0" snow	
30-XI 0 32	75	20.1	7.5	52	From	10°		clear calm +10°F	
13:45 3 34.5	65	18.9	7.6	56	Bottom			7" ice 4" snow	
15-XII 0 31	80	25.2	7.2	54	4'	28°		100 STR calm	
3 35	65	20.1	7.2	47				2" SNOW 9" ICE	
27-XII 0 32	80	16.2	6.9	58	4'	13°		clear 11" ice	
12:45 3 36	60	10.3	6.8	59				4" SNOW	
13-I 0 32	80	11.1	6.8	64	4.3	7°		100% STR calm	
3 39	60	6.2	6.7	66				8" SNOW 14" ice	
								SNOWING	
31-I 0 32	80	9.8	6.8	65	4.2	10		100% STR calm.	
12:30 3 38	60	6.9	6.7	69				15" ice 7" SNOW	
19-II 0 32	80	8.7	6.85	64	4.2	28		clear 5S	
14:00 3 33	60							16" ice	
6 35	40	7.3	6.75	79				4" SNOW	

162

3.5
2.2

Temp

Light
Inten-
sityO₂
PPM

pH

Conduct-
ivitySecchi
discAir
Temp

Remarks

6-III

0 32

80

3.5

7.2

82

42

20" ice & snow

14:30

3 37

60

2.7

6.9

62

50% CUM

calm

4-IV

0 32

80

3.0

7.2

84

30

100% STP

10:00

3 36

55

2.1

7.0

61

SNOW 16" ice

26-V

0 57

80

10.4

7.1

78

47

clear, calm

10:30

3 54

65

10.1

7.1

63

Miss Verona Fritzsche
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Jess L. Ross
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