

SUMMARY FISHING RECORD

FORM 3600-63

REVISED 1-94

STATE OF WISCONSIN

USFS CNF FISHERIES

COUNTY LANGLADE		WATERS Mary Lake				MWB CODE 496300	
SAMPLING OBJECTIVE Summer Panfish Netting		DATES FISHED June 15-17, 2022				WATER TEMP. 72 - 74 F	
GEAR (Berndt, Vetter)							
BOOMSHOCKER	PANFISH		NO. DIPPERS		NIGHT		AC
HOURS	GAMEFISH		NO. MILES		VOLTS		AMPS
FYKE NET	PANFISH	9	NO. NETS:	5	NO. DAYS:	2	
LIFTS	GAMEFISH	9	LEAD LEN:	50', 75'	FRAME:	4 x 5'	MESH: 3/4"
GILL NET	(NO. LIFTS)		NO. NETS:		DEPTH:		MESH:
SEINE	(NO. PULLS)		LENGTH:		DEPTH:		MESH:
ANGLING	(TOT. HRS.)		NO. ANGLERS:		TIME OF DAY:		
OTHER Mostly pleasant but VERY WINDY weather during the week - lots of sun and temps in the 70's. About half of the shoreline had a wide fringe of bulrush. A 1ft layer of Marl is present before bottom firms up.							
FISHING RESULTS							
GAMEFISH	NUMBER	MODAL SIZES (IN.)	SIZE RANGE (IN.)			CATCH/EFFORT	
Muskellunge			-			per net-day	
Northern Pike			-			per net-day	
Walleye			-			per net-day	
Largemouth Bass	3		5.5" - 7.5"			0.3 per net-day	
Smallmouth Bass			-			per net-day	
White Sucker			-			per net-day	
			-				
			-				
			-				
PANFISH	NUMBER	MODAL SIZES (IN.)	SIZE RANGE (IN.)			CATCH/EFFORT	
Bluegill	876	4.0", 8.5"	3.1" - 10.0"			97.3 per net-day	
Pumpkinseed	58	7.2"	3.6" - 8.5"			6.4 per net-day	
Black Crappie	21	3.6", 11.0"	3.6" - 11.6"			2.3 per net-day	
Rock Bass	20		3.6" - 9.8"			2.2 per net-day	
Yellow Perch	8		3.7" - 9.5"			0.9 per net-day	
			-			per net-day	
Observations: Good catch of fish overall, much better than 2016 survey. Bluegill RSD8 was 31% (much better than the netting survey in June 2005, but CPE also much lower). Female bluegills were still pre-spawn, no beds were made yet by males. Green Sunfish Present (3.7", 4.0") Caught 6 snapping turtles and 9 painted							
Compiled By: Nick Berndt					Date 10/24/22		

State of Wisconsin
USFS CNRF FISHERIES

Gamefish Length Frequency

Form 3600-65

Rev.7-99

County		Water			Date			Gear: 5 Fyke Nets		
LANGLADE		Mary Lake			June 15-17, 2022			Lifts: 9 (Berndt, Vetter)		
Size Range Inches	Walleye		N Pike	LMB	SMB	W. Sucker		Size Range Inches		N. Pike
<3.0								27.0 - 27.4		
3.0 - 3.4								27.5 - 27.9		
3.5 - 3.9								28.0 - 28.4		
4.0 - 4.4								28.5 - 28.9		
4.5 - 4.9								29.0 - 29.4		
5.0 - 5.4								29.5 - 29.9		
5.5 - 5.9				2				30.0 - 30.4		
6.0 - 6.4								30.5 - 30.9		
6.5 - 6.9								31.0 - 31.4		
7.0 - 7.4				1				31.5 - 31.9		
7.5 - 7.9								32.0 - 32.4		
8.0 - 8.4								32.5 - 32.9		
8.5 - 8.9								33.0 - 33.4		
9.0 - 9.4								33.5 - 33.9		
9.5 - 9.9								34.0 - 34.4		
10.0 - 10.4								34.5 - 34.9		
10.5 - 10.9								35.0 - 35.4		
11.0 - 11.4								35.5 - 35.9		
11.5 - 11.9								36.0 - 36.4		
12.0 - 12.4								36.5 - 36.9		
12.5 - 12.9								37.0 - 37.4		
13.0 - 13.4								37.5 - 37.9		
13.5 - 13.9								38.0 - 38.4		
14.0 - 14.4								38.5 - 38.9		
14.5 - 14.9								39.0 - 39.4		
15.0 - 15.4								39.5 - 39.9		
15.5 - 15.9								40.0 - 40.9		
16.0 - 16.4								41.0 - 41.9		
16.5 - 16.9								42.0 - 42.9		
17.0 - 17.4								43.0 - 43.9		
17.5 - 17.9								44.0 - 44.9		
18.0 - 18.4								45.0 - 45.9		
18.5 - 18.9								46.0 - 46.9		
19.0 - 19.4								47.0 - 47.9		
19.5 - 19.9								48.0 - 48.9		
20.0 - 20.4								49.0 - 49.9		
20.5 - 20.9								50.0 - 50.9		
21.0 - 21.4								51.0 - 51.9		
21.5 - 21.9								52.0 - 52.9		
22.0 - 22.4								53.0 - 53.9		
22.5 - 22.9								54.0 - 54.9		
23.0 - 23.4								55.0 - 55.9		
23.5 - 23.9								56.0 - 56.9		
24.0 - 24.4								57.0 - 57.9		
24.5 - 24.9								58.0 - 58.9		
25.0 - 25.4								59.0 - 59.9		
25.5 - 25.9								60.0+		
26.0 - 26.4										
26.5 - 26.9										
TOTALS	0			3	0	0	0	TOTALS	0	0

OBSERVATIONS:

LMB PSD12 = #DIV/0!
(8" stock size)

Mostly pleasant but VERY WINDY weather during the week - lots of sun and temps in the 70's.
About half of the shoreline had a wide fringe of bulrush. A 1ft layer of Marl is present before bottom firms up.
Bass did not net well which was expected. Bass data from electrofishing more representative.

County			Water			Date		No. Fyke Nets:		Lifts:	
LANGLADE			Mary Lake			June 15-17, 2022		5		9	
Size Range Inches	Species					Size Range Inches	Species				
	Bluegill	B. Crappie	R. Bass	Pksd	Perch		Blg	B. Crappie	RB	Pkd	Perch
Count						7.0	9			4	
1.0 - 1.4						7.1	7			2	
1.5 - 2.0						7.2	6	1		6	
2.1						7.3	4		1	1	
2.2						7.4	4			4	
2.3						7.5	18		2	2	
2.4						7.6	6			2	
2.5						7.7	7				
2.6						7.8	5				1
2.7						7.9	7				2
2.8						8.0	19			1	
2.9						8.1	11		1		
3.0						8.2	12			1	
3.1	1					8.3	16				
3.2	3					8.4	15			2	
3.3	7					8.5	30			2	1
3.4	15					8.6	22		1		
3.5	33					8.7	13				1
3.6	46	2	1	3	1	8.8	15				
3.7	51	1	3	3		8.9	24				
3.8	36	1	1			9.0	29				
3.9	30	1		1		9.1	13				1
4.0	52	1	1	1		9.2	15				
4.1	33					9.3	4		1		
4.2	25			2		9.4	6	1	2		
4.3	22					9.5	2	1	1		1
4.4	18			1		9.6	1				
4.5	17		1			9.7	1				
4.6	10		1			9.8	1		1		
4.7	7					9.9					
4.8	5					10.0	1	2			
4.9	14			2		10.2					
5.0	12					10.4					
5.1	6			1		10.6					
5.2	6			1		10.8		2			
5.3	4			1		11.0		2			
5.4	10			1		11.2		2			
5.5	3			2		11.4		1			
5.6	4					11.6		1			
5.7	5					11.8					
5.8	8					12.0					
5.9	8			2		12.2					
6.0	10			1		12.4					
6.1	6					12.6					
6.2	7		1			12.8					
6.3	9			1		13.0					
6.4	5					13.2					
6.5	8	1		3		13.4					
6.6	7	1	1	1		13.6					
6.7	6			2		13.8					
6.8	2					14.+					
6.9	2			2		TOTAL	876	21	20	58	8

Notes:

Bluegill PSD6 = 44%

Bluegill RSD7 = 37%

Bluegill RSD8 = 29%

B. Crappie PSD8 = 80%

B. Crappie RSD10 = 67%

Good catch of fish overall, much better than 2016 survey.

County			Water			Date			No. Fyke Nets:		Lifts:	
Langlade			Mary Lake			Historical						
Size Range Inches	Bluegill					Size Range Inches	Bluegill					
	Jun-05 (14 net-days)	Jun-16 (12 net-days)	Jun-22 (9 net days)				Jun-05 (14 net-days)	Jun-16 (12 net-days)	Jun-22 (9 net days)			
Count						7.0	9	1	9			
1.0 - 1.4						7.1	5	2	7			
1.5 - 2.0						7.2	4		6			
2.1						7.3	5		4			
2.2						7.4	4		4			
2.3						7.5	3	2	18			
2.4						7.6	4	1	6			
2.5						7.7	2	2	7			
2.6						7.8	3	3	5			
2.7						7.9	1	9	7			
2.8						8.0	1	10	19			
2.9						8.1	2	4	11			
3.0						8.2		7	12			
3.1			1			8.3		8	16			
3.2	1		3			8.4		8	15			
3.3	1		7			8.5	1	5	30			
3.4	2		15			8.6	1	6	22			
3.5	5	3	33			8.7		4	13			
3.6	5	5	46			8.8		5	15			
3.7	3	8	51			8.9		4	24			
3.8	5	8	36			9.0		6	29			
3.9	3	5	30			9.1		2	13			
4.0	11	15	52			9.2		1	15			
4.1	8	12	33			9.3			4			
4.2	9	7	25			9.4			6			
4.3	15	7	22			9.5	1		2			
4.4	11	5	18			9.6			1			
4.5	12	8	17			9.7			1			
4.6	17	4	10			9.8			1			
4.7	25	6	7			9.9						
4.8	30	1	5			10.0			1			
4.9	42		14			10.2						
5.0	24	1	12			10.4						
5.1	27	1	6			10.6						
5.2	28	1	6			10.8						
5.3	37	1	4			11.0						
5.4	30	1	10			11.2						
5.5	38	7	3			11.4						
5.6	43	4	4			11.6						
5.7	41	1	5			11.8						
5.8	44	1	8			12.0						
5.9	45	1	8			12.2						
6.0	58	4	10			12.4						
6.1	43	2	6			12.6						
6.2	61	6	7			12.8						
6.3	40	4	9			13.0						
6.4	50	1	5			13.2						
6.5	20	1	8			13.4						
6.6	29	1	7			13.6						
6.7	14	1	6			13.8						
6.8	16		2			14.+						
6.9	13	1	2			TOTAL	952	224	876	0	0	

Notes:

2005 - 254 /net-night
2016 -

Figure 2. Comparison of Bluegill Length Frequencies - 2005 vs. 2016 vs. 2022
Summer Panfish Netting - Mary Lake, Langlade Co.

