

Water	HARDWOOD LAKE, Dis. Ogemaw County T21N R04E S06 172.00 acres.							
Survey	06/01/2004-06/29/2004						Coll. site:	All
Gear	All gear						Index site:	
Effort meas.	Various						Meas. total:	
Species	Black crappie		Bluegill		Bluntnose minnow		Brown bullhead	
Legal size (in)	>=7.00		>=6.00		>=		>=7.00	
Avg. length (in)	7.3		6.3		2.7		10.5	
Avg. weight (lb)	0.23		0.20		0.01		0.58	
	No.	Lb.	No.	Lb.	No.	Lb.	No.	Lb.
Total	59	13.64	141	27.97	318	2.74	67	38.94
No. legal	26		95		0		65	
% Legal size	44.07%		67.38%				97.01%	
% Total catch	5.91%	5.51%	14.13%	11.30%	31.86%	1.11%	6.71%	15.73%
CPE								
Inch group								
0								
1			1		27	0.03		
2			6	0.06	199	1.1		
3			8	0.22	92	1.61		
4			7	0.42				
5	8	0.65	24	2.66				
6	25	3.55	43	8.13			2	0.28
7	7	1.56	45	13.39			5	1.04
8	12	4	7	3.09			8	2.38
9	5	2.36					13	5.31
10	1	0.65					8	4.39
11	1	0.87					15	10.65
12							14	12.63
13							2	2.26
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
Sample total:	59	13.64	141	27.97	318	2.74	67	38.94
Effort date(s):	Various							
All species total:	Number:		998	Pounds:		247.62		

Water	HARDWOOD LAKE, Dis. Ogemaw County T21N R04E S06 172.00 acres.							
Survey	06/01/2004-06/29/2004							
Gear	All gear							
Effort meas.	Various							
Species	Fathead minnow		Golden shiner		Grass pickerel		Hybrid Sunfish Hybrid	
Legal size (in)	>=		>=		>=		>=6.00	
Avg. length (in)	2.8		3.6		4.5		5.8	
Avg. weight (lb)	0.01		0.03		0.02		0.17	
	No.	Lb.	No.	Lb.	No.	Lb.	No.	Lb.
Total	185	2.22	9	0.25	2	0.03	3	0.50
No. legal	0		0		0		1	
% Legal size							33.33%	
% Total catch	18.54%	0.90%	0.90%	0.10%	0.20%	0.01%	0.30%	0.20%
CPE								
Inch group								
0								
1	9	0.01	3					
2	104	0.75	2	0.01				
3	72	1.46						
4					2	0.03	1	0.06
5			3	0.15			1	0.12
6			1	0.09				
7							1	0.32
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
Sample total:	185	2.22	9	0.25	2	0.03	3	0.50
Effort date(s):								
All species total:								

Water	HARDWOOD LAKE, Dis. Ogemaw County T21N R04E S06 172.00 acres.							
Survey	06/01/2004-06/29/2004							
Gear	All gear							
Effort meas.	Various							
Species	Largemouth bass		Northern pike		Northern redbelly dace		Pumpkinseed	
Legal size (in)	≥14.00		≥24.00		≥		≥6.00	
Avg. length (in)	15.1		23.3		2.5		5.9	
Avg. weight (lb)	1.98		3.00		0.01		0.21	
	No.	Lb.	No.	Lb.	No.	Lb.	No.	Lb.
Total	34	67.43	23	69.05	2	0.01	11	2.31
No. legal	28		10		0		7	
% Legal size	82.35%		43.48%				63.64%	
% Total catch	3.41%	27.23%	2.30%	27.89%	0.20%	0.00%	1.10%	0.93%
CPE								
Inch group								
0								
1								
2					2	0.01	1	0.01
3	1	0.02					2	0.06
4								
5							1	0.13
6							3	0.68
7							4	1.43
8								
9	1	0.42						
10	1	0.58						
11	2	1.54						
12								
13	1	1.27						
14	7	11.12						
15	6	11.7						
16	9	21.4	1	0.94				
17	3	8.57	1	1.13				
18	2	6.8	2	2.68				
19	1	4.01	1	1.58				
20			2	3.7				
21								
22			1	2.48				
23			5	14.24				
24			4	12.96				
25			1	3.68				
26								
27			3	13.98				
28			1	5.22				
29								
30			1	6.46				
31								
32								
33								
34								
35								
36								
37								
38								
Sample total:	34	67.43	23	69.05	2	0.01	11	2.31
Effort date(s):								
All species total:								

Water	HARDWOOD LAKE, Dis. Ogemaw County T21N R04E S06 172.00 acres.							
Survey	06/01/2004-06/29/2004							
Gear	All gear							
Effort meas.	Various							
Species	Yellow bullhead		Yellow Perch					
Legal size (in)	>=7.00		>=7.00		>=		>=	
Avg. length (in)	9.5		4.7		0.0		0.0	
Avg. weight (lb)	0.45		0.05		0.00		0.00	
	No.	Lb.	No.	Lb.	No.	Lb.	No.	Lb.
Total	37	16.71	107	5.82	0	0.00	0	0.00
No. legal	37		9		0		0	
% Legal size	100.00%		8.41%					
% Total catch	3.71%	6.75%	10.72%	2.35%	0.00%	0.00%	0.00%	0.00%
CPE								
Inch group								
0								
1			6	0.01				
2								
3			22	0.34				
4			48	1.65				
5			6	0.4				
6			16	1.77				
7	9	1.86	8	1.39				
8	11	3.26	1	0.26				
9	6	2.46						
10	3	1.65						
11	1	0.71						
12	5	4.51						
13	2	2.26						
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
Sample total:	37	16.71	107	5.82	0	0.00	0	0.00
Effort date(s):								
All species total:								