



DNR

Fish Collection System

All gear combined

Produced: May 3, 2016

Water: Gravel Lake

County T/R/S: Van Buren

Watershed: Dowagiac Creek

04S 13W 31

Survey begin: 03/13/2016 end: 03/24/2016

Status: Field Work Completed

Survey purpose: Discretionary survey
Species evaluation

No. gear used	Gear type	Common name
2		
	BOOMSHK	Boomshk
	TRAPNET	Trapnet

Species	Number	Percent by number	Weight (lb.)	Percent by weight	Length range (in.)*	Average length (in.)	Percent legal size**
Black crappie	16	2.4	41.8	4.0	7-26	12.8	100
Bluegill	93	14.1	51.9	5.0	5-21	8.8	99
Bowfin	21	3.2	82.4	7.9	18-26	21.9	100
Brown bullhead	27	4.1	29.2	2.8	12-14	13.5	100
White sucker	33	5.0	109.9	10.6	17-23	20.4	100
Grass pickerel	1	0.2	0.2	0.0	10-10	10.5	100
Green sunfish	1	0.2	0.2	0.0	6-6	6.5	100
Hybrid Sunfish Hybrid	21	3.2	10.3	1.0	7-9	8.6	100
Largemouth bass	108	16.4	103.1	9.9	9-15	12.3	6
Muskellunge Northern	1	0.2	22.5	2.2	42-42	42.5	100
Pumpkinseed	17	2.6	7.4	0.7	5-8	8.0	94
Smallmouth bass	2	0.3	2.8	0.3	13-14	14.0	50
Walleye	263	39.9	540.7	52.1	11-29	18.6	79
Warmouth	4	0.6	1.6	0.2	5-8	7.8	75
Yellow Perch	29	4.4	14.4	1.4	7-12	10.0	100
Yellow bullhead	22	3.3	19.1	1.8	9-14	12.3	100
All species totals:	659		1,037.4				

* Note some fish may be measured to 0.1 inch, others to inch group: e.g., "5" = 5.0 to 5.9 inches; "12" = 12.0 to 12.9 inches; etc.

** Percent legal or acceptable size for angling.



Water: Gravel Lake

County T/R/S: Van Buren

Watershed: Dowagiac Creek

04S 13W 31

Survey begin: 03/13/2016 end: 03/24/2016

Status: Field Work Completed

Survey purpose: Discretionary survey
Species evaluation

Species/strain	Inch group	No. caught	Lbs. caught
Black crappie	7	1	0.22
	9	1	0.47
	10	1	0.65
	11	4	3.49
	14	2	3.64
	15	1	2.25
	16	1	2.75
	17	1	3.31
	18	2	7.91
	19	1	4.67
	26	1	12.4
Avg. length: 14.7 in.	Sample totals:	16	41.76
Bluegill	5	1	0.11
	6	4	0.76
	7	4	1.19
	8	58	25.64
	9	25	15.75
	21	1	8.4
Avg. length: 8.7 in.	Sample totals:	93	51.85
Bowfin	18	1	2.25
	19	2	5.27
	20	5	15.29
	21	6	21.11
	22	1	4.02
	23	1	4.58
	24	1	5.18
	25	2	11.66
	26	2	13.07
Avg. length: 22.1 in.	Sample totals:	21	82.43
Brown bullhead	12	10	9.01
	13	13	14.65
	14	4	5.52
Avg. length: 13.3 in.	Sample totals:	27	29.18
White sucker	17	3	6.3
	18	2	4.96



Species/strain	Inch group	No. caught	Lbs. caught
White sucker	19	11	31.97
	20	6	20.26
	21	7	27.29
	22	2	8.93
	23	2	10.18
Avg. length: 20.3 in.	Sample totals:	33	109.89
Grass pickerel	10	1	0.22
Avg. length: 10.5 in.	Sample totals:	1	0.22
Green sunfish	6	1	0.2
Avg. length: 6.5 in.	Sample totals:	1	0.2
Hybrid Sunfish Hybrid	7	2	0.64
	8	16	7.63
	9	3	2.04
	Avg. length: 8.5 in.	Sample totals:	21
Largemouth bass	9	2	0.84
	10	8	4.63
	11	43	33.05
	12	30	29.91
	13	18	22.85
	14	5	7.94
	15	2	3.91
Avg. length: 12.2 in.	Sample totals:	108	103.13
Muskellunge Northern	42	1	22.46
Avg. length: 42.5 in.	Sample totals:	1	22.46
Pumpkinseed	5	1	0.13
	6	2	0.46
	7	4	1.43
	8	10	5.33
Avg. length: 7.9 in.	Sample totals:	17	7.35
Smallmouth bass	13	1	1.26
	14	1	1.57
Avg. length: 14 in.	Sample totals:	2	2.83
Walleye	11	3	1.46
	12	17	10.65
	13	28	22.18
	14	6	5.89
	15	32	38.59
	16	18	26.23
	17	40	69.68
18	47	96.96	



Length Frequency

All Gear Combined

Produced: May 3, 2016

Species/strain	Inch group	No. caught	Lbs. caught
Walleye	19	20	48.4
	20	10	28.17
	21	5	16.29
	22	7	26.16
	23	14	59.7
	24	9	43.56
	26	4	24.56
	27	2	13.74
	29	1	8.5
Avg. length: 17.8 in.	Sample totals:	263	540.72
Warmouth	5	1	0.13
	8	3	1.5
	Avg. length: 7.8 in.	Sample totals:	4
Yellow Perch	7	1	0.17
	8	1	0.26
	9	6	2.22
	10	17	8.65
	11	2	1.36
	12	2	1.76
Avg. length: 10.3 in.	Sample totals:	29	14.42
Yellow bullhead	9	1	0.41
	10	2	1.1
	11	5	3.55
	12	9	8.1
	13	4	4.52
	14	1	1.38
Avg. length: 12.2 in.	Sample totals:	22	19.06