























## 2003 through 2016 Combined Fish Length Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size	6	2		1	2	11
	Min of Length (mm)	58	132		158	95	58
	Max of Length (mm)	138	155		158	150	158
	Average of Length (mm)	90.2	143.5		158.0	122.5	111.9
	StdDev of Length (mm)	35.2	16.3			38.9	38.9
Blacknose dace	Sample Size	128		2	57	2	189
	Min of Length (mm)	26		70	26	28	26
	Max of Length (mm)	88		75	87	40	88
	Average of Length (mm)	63.1		72.5	61.8	34.0	62.5
	StdDev of Length (mm)	14.6		3.5	14.3	8.5	14.7
Brook trout	Sample Size	3	60	19	33		115
	Min of Length (mm)	74	45	54	53		45
	Max of Length (mm)	204	154	148	228		228
	Average of Length (mm)	150.3	65.9	104.5	157.8		100.9
	StdDev of Length (mm)	67.9	22.4	30.4	56.0		54.9
Brown trout	Sample Size	23			82	24	129
	Min of Length (mm)	51			61	49	49
	Max of Length (mm)	241			421	137	421
	Average of Length (mm)	112.1			193.0	69.7	155.6
	StdDev of Length (mm)	52.6			75.3	19.6	82.2
Central mudminnow	Sample Size	1			4		5
	Min of Length (mm)	65			42		42
	Max of Length (mm)	65			68		68
	Average of Length (mm)	65			53		55.4
	StdDev of Length (mm)				11.9		11.6
Creek chub	Sample Size	29		1	7	215	252
	Min of Length (mm)	53		88	63	24	24
	Max of Length (mm)	129		88	145	151	151
	Average of Length (mm)	84.3		88.0	100.4	59.7	63.8
	StdDev of Length (mm)	22.3			25.4	22.2	24.4
Mottled sculpin	Sample Size	6	36	10	32	32	116
	Min of Length (mm)	64	44	46	26	28	26
	Max of Length (mm)	90	86	75	106	108	108
	Average of Length (mm)	77.0	58.6	59.4	63.2	53.1	59.4
	StdDev of Length (mm)	10.8	10.2	7.5	17.2	20.7	16.4
Pumpkinseed sunfish	Sample Size				2		2
	Min of Length (mm)				76		76
	Max of Length (mm)				85		85
	Average of Length (mm)				80.5		80.5
	StdDev of Length (mm)				6.4		6.4
White sucker	Sample Size	1			4	3	8
	Min of Length (mm)	100			106	88	88
	Max of Length (mm)	100			293	107	293
	Average of Length (mm)	100.0			236.5	95.7	166.6
	StdDev of Length (mm)				87.5	10.0	94.3

## 2003 through 2016 Combined Fish Length Summary (Continued)

Summary Statistics	Twin Creek				Chippewa Creek	Total
	SF1	SF5	SF5-6	SF9	SF16	
Total Sample Size	197	98	32	222	278	827
Total Min of Length (mm)	26	44	46	26	24	24
Total Max of Length (mm)	241	155	148	421	151	421
Total Average of Length (mm)	74.7	64.8	87.9	129.6	60.5	84.0
Total StdDev of Length (mm)	31.1	22.1	31.6	80.9	23.0	55.3

## 2003 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size						
	Min of Weight (g)						
	Max of Weight (g)						
	Average of Weight (g)						
	StdDev of Weight (g)						
Blacknose dace	Sample Size				1		1
	Min of Weight (g)				6.3		6.3
	Max of Weight (g)3				6.3		6.3
	Average of Weight (g)				6.3		6.3
Brook trout	Sample Size				1		1
	Min of Weight (g)				5.3		5.3
	Max of Weight (g)				5.3		5.3
	Average of Weight (g)				5.3		5.3
Brown trout	Sample Size	3			33		36
	Min of Weight (g)	20			2		2
	Max of Weight (g)	38			287.5		287.5
	Average of Weight (g)	26.7			71.0		67.3
	StdDev of Weight (g)	9.9			75.6		73.4
Creek chub	Sample Size				1		1
	Min of Weight (g)				6.9		6.9
	Max of Weight (g)				6.9		6.9
	Average of Weight (g)				6.9		6.9
Mottled sculpin	Sample Size				3		3
	Min of Weight (g)				1.3		1.3
	Max of Weight (g)				1.6		1.6
	Average of Weight (g)				1.5		1.5
	StdDev of Weight (g)				0.2		0.2
<b>Total Sample Size</b>		<b>3</b>			<b>39</b>		<b>42</b>
<b>Total Min of Weight (g)</b>		<b>20</b>			<b>1.3</b>		<b>1.3</b>
<b>Total Max of Weight (g)</b>		<b>38</b>			<b>287.5</b>		<b>287.5</b>
<b>Total Average of Weight (g)</b>		<b>26.7</b>			<b>60.7</b>		<b>58.2</b>
<b>Total StdDev of Weight (g)</b>		<b>9.9</b>			<b>73.6</b>		<b>71.4</b>

## 2008 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size					1	1
	Min of Weight (g)					2	2
	Max of Weight (g)					2	2
	Average of Weight (g)					2	2
Blacknose dace	Sample Size	4			9		13
	Min of Weight (g)	0.3			1		0.3
	Max of Weight (g)	3.6			2.5		3.6
	Average of Weight (g)	2.6			1.6		1.9
	StdDev of Weight (g)	1.5			0.5		1.0
Brook trout	Sample Size	1	8	2	5		16
	Min of Weight (g)	3.3	0.8	15.6	28.6		0.8
	Max of Weight (g)	3.3	4.1	23.7	97.6		97.6
	Average of Weight (g)	3.3	2.5	19.7	49.9		19.5
	StdDev of Weight (g)		1.0	5.7	28.6		26.5
Brown trout	Sample Size	3			6	5	14
	Min of Weight (g)	19.1			29.7	2	2
	Max of Weight (g)	139.4			233.4	21.9	233.4
	Average of Weight (g)	60.7			142.8	6.4	76.5
	StdDev of Weight (g)	68.2			79.2	8.7	84.4
Creek chub	Sample Size	3			1	43	47
	Min of Weight (g)	2.9			2.3	0.1	0.1
	Max of Weight (g)	20.8			2.3	32.9	32.9
	Average of Weight (g)	9.9			2.3	4.0	4.3
	StdDev of Weight (g)	9.6				5.2	5.6
Mottled sculpin	Sample Size	2	3		4	1	10
	Min of Weight (g)	3	1.8		1.5	2.8	1.5
	Max of Weight (g)	10.5	4.4		7.7	2.8	10.5
	Average of Weight (g)	6.8	3.0		4.1	2.8	4.2
	StdDev of Weight (g)	5.3	1.3		2.8		2.9
Pumpkinseed sunfish	Sample Size				1		1
	Min of Weight (g)				13.1		13.1
	Max of Weight (g)				13.1		13.1
	Average of Weight (g)				13.1		13.1
<b>Total Sample Size</b>		<b>13</b>	<b>11</b>	<b>2</b>	<b>26</b>	<b>50</b>	<b>102</b>
<b>Total Min of Weight (g)</b>		<b>0.3</b>	<b>0.8</b>	<b>15.6</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>139.4</b>	<b>4.4</b>	<b>23.7</b>	<b>233.4</b>	<b>32.9</b>	<b>233.4</b>
<b>Total Average of Weight (g)</b>		<b>18.4</b>	<b>2.6</b>	<b>19.7</b>	<b>44.3</b>	<b>4.1</b>	<b>16.3</b>
<b>Total StdDev of Weight (g)</b>		<b>37.2</b>	<b>1.0</b>	<b>5.7</b>	<b>68.9</b>	<b>5.5</b>	<b>40.6</b>

## 2009 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size	1			1		2
	Min of Weight (g)	0.5			4.7		0.5
	Max of Weight (g)	0.5			4.7		4.7
	Average of Weight (g)	0.5			4.7		2.6
Blacknose dace	Sample Size	12					12
	Min of Weight (g)	0.7					0.7
	Max of Weight (g)3	5.4					5.4
	Average of Weight (g)	2.9					2.9
	StdDev of Weight (g)	1.7					1.7
Brook trout	Sample Size		4		6		10
	Min of Weight (g)		1.4		2.7		1.4
	Max of Weight (g)		2.4		71.8		71.8
	Average of Weight (g)		1.8		37.3		23.1
	StdDev of Weight (g)		0.5		32.2		30.2
Brown trout	Sample Size	3			10	3	16
	Min of Weight (g)	3			1.8	2.1	1.8
	Max of Weight (g)	33.6			314.3	3.2	314.3
	Average of Weight (g)	18.8			115.2	2.5	76.0
	StdDev of Weight (g)	15.3			96.1	0.6	91.3
Central mudminnow	Sample Size				1		1
	Min of Weight (g)				1.6		1.6
	Max of Weight (g)3				1.6		1.6
	Average of Weight (g)				1.6		1.6
Creek chub	Sample Size	3				36	39
	Min of Weight (g)	3.1				0.1	0.1
	Max of Weight (g)	9.2				8.1	9.2
	Average of Weight (g)	7.0				3.1	3.4
	StdDev of Weight (g)	3.4				1.5	1.9
Mottled sculpin	Sample Size	1	1	1	2	3	8
	Min of Weight (g)	4.4	3.9	2.8	1.4	0.4	0.4
	Max of Weight (g)	4.4	3.9	2.8	6.5	15.3	15.3
	Average of Weight (g)	4.4	3.9	2.8	4.0	6.8	4.9
	StdDev of Weight (g)				3.6	7.7	4.6
Pumpkinseed sunfish	Sample Size				1		1
	Min of Weight (g)				8.5		8.5
	Max of Weight (g)				8.5		8.5
	Average of Weight (g)				8.5		8.5
<b>Total Sample Size</b>		<b>20</b>	<b>5</b>	<b>1</b>	<b>21</b>	<b>42</b>	<b>89</b>
<b>Total Min of Weight (g)</b>		<b>0.5</b>	<b>1.4</b>	<b>2.8</b>	<b>1.4</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>33.6</b>	<b>3.9</b>	<b>2.8</b>	<b>314.3</b>	<b>15.3</b>	<b>314.3</b>
<b>Total Average of Weight (g)</b>		<b>5.9</b>	<b>2.2</b>	<b>2.8</b>	<b>66.6</b>	<b>3.4</b>	<b>18.8</b>
<b>Total StdDev of Weight (g)</b>		<b>7.8</b>	<b>1.0</b>		<b>82.6</b>	<b>2.4</b>	<b>47.8</b>

## 2010 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size	1					1
	Min of Weight (g)	0.6					0.6
	Max of Weight (g)	0.6					0.6
	Average of Weight (g)	0.6					0.6
Blacknose dace	Sample Size	2			3		5
	Min of Weight (g)	2.6			0.1		0.1
	Max of Weight (g)	3			6.2		6.2
	Average of Weight (g)	2.8			3.7		3.3
	StdDev of Weight (g)	0.3			3.2		2.3
Brook trout	Sample Size		7	3	4		14
	Min of Weight (g)		0.9	5.1	0.5		0.5
	Max of Weight (g)		3.4	31.7	74.7		74.7
	Average of Weight (g)		2.0	17.2	26.3		12.2
	StdDev of Weight (g)		0.8	13.5	34.3		20.5
Brown trout	Sample Size				13	5	18
	Min of Weight (g)				2.8	1.4	1.4
	Max of Weight (g)				230.3	3.3	230.3
	Average of Weight (g)				79.5	2.5	58.1
	StdDev of Weight (g)				66.8	0.8	66.4
Creek chub	Sample Size	1				18	19
	Min of Weight (g)	4.6				0.2	0.2
	Max of Weight (g)	4.6				8.3	8.3
	Average of Weight (g)	4.6				2.7	2.8
	StdDev of Weight (g)					3.0	2.9
Mottled sculpin	Sample Size	1	3	1	5	5	15
	Min of Weight (g)	3.7	0.9	1.2	2.7	0.3	0.3
	Max of Weight (g)	3.7	4	1.2	16.7	4.5	16.7
	Average of Weight (g)	3.7	2.3	1.2	7.6	2.7	4.2
	StdDev of Weight (g)		1.6		5.6	1.5	4.0
White sucker	Sample Size				1		1
	Min of Weight (g)				11		11
	Max of Weight (g)				11		11
	Average of Weight (g)				11		11
<b>Total Sample Size</b>		<b>5</b>	<b>10</b>	<b>4</b>	<b>26</b>	<b>28</b>	<b>73</b>
<b>Total Min of Weight (g)</b>		<b>0.6</b>	<b>0.9</b>	<b>1.2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>4.6</b>	<b>4</b>	<b>31.7</b>	<b>230.3</b>	<b>8.3</b>	<b>230.3</b>
<b>Total Average of Weight (g)</b>		<b>2.9</b>	<b>2.1</b>	<b>13.2</b>	<b>46.1</b>	<b>2.7</b>	<b>18.6</b>
<b>Total StdDev of Weight (g)</b>		<b>1.5</b>	<b>1.0</b>	<b>13.6</b>	<b>59.1</b>	<b>2.5</b>	<b>40.7</b>



## 2011 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size	1	1				2
	Min of Weight (g)	4.2	4.6				4.2
	Max of Weight (g)	4.2	4.6				4.6
	Average of Weight (g)	4.2	4.6				4.4
	StdDev of Weight (g)						0.3
Blacknose dace	Sample Size	17			8		25
	Min of Weight (g)	0.3			0.9		0.3
	Max of Weight (g)	6.3			2.5		6.3
	Average of Weight (g)	3.0			1.7		2.6
	StdDev of Weight (g)	2.4			0.5		2.0
Brook trout	Sample Size		12	4	2		18
	Min of Weight (g)		1.1	1.8	51.1		1.1
	Max of Weight (g)		27.6	20.9	88.6		88.6
	Average of Weight (g)		6.3	15.5	69.9		15.4
	StdDev of Weight (g)		8.9	9.2	26.5		22.7
Brown trout	Sample Size	2			9	2	13
	Min of Weight (g)	2.8			22.1	2.1	2.1
	Max of Weight (g)	29.3			319.8	15.5	319.8
	Average of Weight (g)	16.1			117.2	8.8	84.9
	StdDev of Weight (g)	18.7			98.5	9.5	95.1
Creek chub	Sample Size	2		1		9	12
	Min of Weight (g)	5.6		6.4		0.1	0.1
	Max of Weight (g)	14.3		6.4		11.8	14.3
	Average of Weight (g)	10.0		6.4		4.5	5.6
	StdDev of Weight (g)	6.2				3.4	4.0
Mottled sculpin	Sample Size	1	5	1	2	2	11
	Min of Weight (g)	6.7	1.9	2.9	1.4	4.4	1.4
	Max of Weight (g)	6.7	2.9	2.9	4.1	4.6	6.7
	Average of Weight (g)	6.7	2.3	2.9	2.8	4.5	3.2
	StdDev of Weight (g)		0.4		1.9	0.1	1.6
White sucker	Sample Size				3		3
	Min of Weight (g)				206.9		206.9
	Max of Weight (g)				259.4		259.4
	Average of Weight (g)				228.6		228.6
	StdDev of Weight (g)				27.4		27.4
<b>Total Sample Size</b>		<b>23</b>	<b>18</b>	<b>6</b>	<b>24</b>	<b>13</b>	<b>84</b>
<b>Total Min of Weight (g)</b>		<b>0.3</b>	<b>1.1</b>	<b>1.8</b>	<b>0.9</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>29.3</b>	<b>27.6</b>	<b>20.9</b>	<b>319.8</b>	<b>15.5</b>	<b>319.8</b>
<b>Total Average of Weight (g)</b>		<b>4.9</b>	<b>5.1</b>	<b>11.9</b>	<b>79.1</b>	<b>5.2</b>	<b>26.7</b>
<b>Total StdDev of Weight (g)</b>		<b>6.2</b>	<b>7.4</b>	<b>9.1</b>	<b>97.7</b>	<b>4.2</b>	<b>61.6</b>

## 2012 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size	3	1				4
	Min of Weight (g)	0.7	5.3				0.7
	Max of Weight (g)	4.3	5.3				5.3
	Average of Weight (g)	2.1	5.3				2.9
	StdDev of Weight (g)	1.9					2.2
Blacknose dace	Sample Size	20			7	1	28
	Min of Weight (g)	0.1			0.1	0.6	0.1
	Max of Weight (g)	4.8			5.9	0.6	5.9
	Average of Weight (g)	1.6			2.3	0.6	1.7
	StdDev of Weight (g)	1.3			1.9		1.4
Brook trout	Sample Size		8	1	3		12
	Min of Weight (g)		1.2	4.5	13		1.2
	Max of Weight (g)		34.4	4.5	24.2		34.4
	Average of Weight (g)		6.9	4.5	20.0		10.0
	StdDev of Weight (g)		11.5		6.1		11.3
Brown trout	Sample Size	4			1	3	8
	Min of Weight (g)	1.8			201.5	2	1.8
	Max of Weight (g)	29.7			201.5	2.5	201.5
	Average of Weight (g)	20.4			201.5	2.2	36.2
	StdDev of Weight (g)	13.0				0.3	67.9
Creek chub	Sample Size	1				25	26
	Min of Weight (g)	1.3				0.3	0.3
	Max of Weight (g)	1.3				6.3	6.3
	Average of Weight (g)	1.3				2.3	2.2
	StdDev of Weight (g)					1.7	1.7
Mottled sculpin	Sample Size		3	1	1	8	13
	Min of Weight (g)		1.5	3	3	0.1	0.1
	Max of Weight (g)		4.9	3	3	4.6	4.9
	Average of Weight (g)		3.3	3.0	3.0	1.8	2.3
	StdDev of Weight (g)		1.7			1.8	1.7
White sucker	Sample Size	1				2	3
	Min of Weight (g)	9.2				6.1	6.1
	Max of Weight (g)	9.2				11.8	11.8
	Average of Weight (g)	9.2				9.0	9.0
	StdDev of Weight (g)					4.0	2.9
<b>Total Sample Size</b>		<b>29</b>	<b>12</b>	<b>2</b>	<b>12</b>	<b>39</b>	<b>94</b>
<b>Total Min of Weight (g)</b>		<b>0.1</b>	<b>1.2</b>	<b>3</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>29.7</b>	<b>34.4</b>	<b>4.5</b>	<b>201.5</b>	<b>11.8</b>	<b>201.5</b>
<b>Total Average of Weight (g)</b>		<b>4.5</b>	<b>5.9</b>	<b>3.8</b>	<b>23.4</b>	<b>2.5</b>	<b>6.2</b>
<b>Total StdDev of Weight (g)</b>		<b>8.0</b>	<b>9.4</b>	<b>1.1</b>	<b>56.7</b>	<b>2.3</b>	<b>21.4</b>

## 2013 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
Blacknose dace	Sample Size	30			12	1	43
	Min of Weight (g)	0.3			0.8	0.1	0.1
	Max of Weight (g)	5.4			5	0.1	5.4
	Average of Weight (g)	2.8			2.5	0.1	2.6
	StdDev of Weight (g)	1.3			1.2		1.3
Brook trout	Sample Size		3	2	6		11
	Min of Weight (g)		1.2	5	3.2		1.2
	Max of Weight (g)		5.8	31.8	128.7		128.7
	Average of Weight (g)		3.0	18.4	69.1		41.8
	StdDev of Weight (g)		2.5	19.0	44.0		44.9
Brown trout	Sample Size				5	3	8
	Min of Weight (g)				3.3	1.5	1.5
	Max of Weight (g)				66.2	3	66.2
	Average of Weight (g)				28.9	2.2	18.9
	StdDev of Weight (g)				23.3	0.8	22.4
Central mudminnow	Sample Size				1		1
	Min of Weight (g)				3.1		3.1
	Max of Weight (g)				3.1		3.1
	Average of Weight (g)				3.1		3.1
Creek chub	Sample Size	3			2	34	39
	Min of Weight (g)	6.9			7.4	0.1	0.1
	Max of Weight (g)	8.5			14.1	8.7	14.1
	Average of Weight (g)	7.9			10.8	1.3	2.3
	StdDev of Weight (g)	0.9			4.7	2.0	3.4
Mottled sculpin	Sample Size	1	9	1	3	9	23
	Min of Weight (g)	9	0.9	1.9	0.3	0.2	0.2
	Max of Weight (g)	9	3.7	1.9	4.5	7.1	9
	Average of Weight (g)	9.0	1.6	1.9	3.0	1.2	2.0
	StdDev of Weight (g)		0.9		2.3	2.3	2.3
<b>Total Sample Size</b>		<b>34</b>	<b>12</b>	<b>3</b>	<b>29</b>	<b>47</b>	<b>125</b>
<b>Total Min of Weight (g)</b>		<b>0.3</b>	<b>0.9</b>	<b>1.9</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Max of Weight (g)</b>		<b>9</b>	<b>5.8</b>	<b>31.8</b>	<b>128.7</b>	<b>8.7</b>	<b>128.7</b>
<b>Total Average of Weight (g)</b>		<b>3.4</b>	<b>2.0</b>	<b>12.9</b>	<b>21.5</b>	<b>1.3</b>	<b>6.9</b>
<b>Total StdDev of Weight (g)</b>		<b>2.2</b>	<b>1.4</b>	<b>16.4</b>	<b>33.7</b>	<b>2.0</b>	<b>18.2</b>

## 2015 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
Blacknose dace	Sample Size	14			8		22
	Min of Weight (g)	1.3			0.2		0.2
	Max of Weight (g) <sup>3</sup>	5.6			6.2		6.2
	Average of Weight (g)	3.2			3.0		3.2
	StdDev of Weight (g)	1.3			2.3		1.7
Brook trout	Sample Size	1	1	2	3		7
	Min of Weight (g)	75.4	1.8	11	2.4		1.8
	Max of Weight (g)	75.4	1.8	14.5	63.3		75.4
	Average of Weight (g)	75.4	1.8	12.8	42.1		32.7
	StdDev of Weight (g)			2.5	34.4		32.2
Brown trout	Sample Size				2		2
	Min of Weight (g)				15.7		15.7
	Max of Weight (g)				672.5		672.5
	Average of Weight (g)				344.1		344.1
	StdDev of Weight (g)				464.4		464.4
Central mudminnow	Sample Size				2		2
	Min of Weight (g)				0.8		0.8
	Max of Weight (g)				0.9		0.9
	Average of Weight (g)				0.9		0.9
	StdDev of Weight (g)				0.1		0.1
Creek chub	Sample Size	6			1	13	20
	Min of Weight (g)	2.7			29.4	0.4	0.4
	Max of Weight (g)	16.9			29.4	10.4	29.4
	Average of Weight (g)	9.7			29.4	2.8	6.2
	StdDev of Weight (g)	5.9				3.4	7.5
Mottled sculpin	Sample Size		9	3	2	1	15
	Min of Weight (g)		0.8	1.5	1.3	11	0.8
	Max of Weight (g)		8.2	1.9	2.8	11	11
	Average of Weight (g)		2.8	1.8	2.1	11.0	3.0
	StdDev of Weight (g)		2.4	0.2	1.1		2.9
White sucker	Sample Size					1	1
	Min of Weight (g)					6.2	6.2
	Max of Weight (g)					6.2	6.2
	Average of Weight (g)					6.2	6.2
<b>Total Sample Size</b>		<b>21</b>	<b>10</b>	<b>5</b>	<b>18</b>	<b>15</b>	<b>69</b>
<b>Total Min of Weight (g)</b>		<b>1.3</b>	<b>0.8</b>	<b>1.5</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>
<b>Total Max of Weight (g)</b>		<b>75.4</b>	<b>8.2</b>	<b>14.5</b>	<b>672.5</b>	<b>11</b>	<b>672.5</b>
<b>Total Average of Weight (g)</b>		<b>8.5</b>	<b>2.7</b>	<b>6.2</b>	<b>48.6</b>	<b>3.6</b>	<b>16.9</b>
<b>Total StdDev of Weight (g)</b>		<b>15.9</b>	<b>2.3</b>	<b>6.1</b>	<b>156.9</b>	<b>3.9</b>	<b>81.3</b>

## 2016 Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF5	SF5-6	SF9	SF16	
American brook lamprey	Sample Size					1	1
	Min of Weight (g)					5.9	5.9
	Max of Weight (g)					5.9	5.9
	Average of Weight (g)					5.9	5.9
Blacknose dace	Sample Size	29		2	9		40
	Min of Weight (g)	0.1		3.3	1.6		0.1
	Max of Weight (g)	4.6		4.3	5.4		5.4
	Average of Weight (g)	2.3		3.8	3.4		2.6
	StdDev of Weight (g)	1.3		0.7	1.5		1.4
Brook trout	Sample Size	1	5	2	3		11
	Min of Weight (g)	56.3	1.2	3.9	70.1		1.2
	Max of Weight (g)	56.3	16.8	14.3	117.6		117.6
	Average of Weight (g)	56.3	5.2	9.1	99.7		36.3
	StdDev of Weight (g)		6.6	7.4	25.8		45.1
Brown trout	Sample Size				2		2
	Min of Weight (g)				65.3		65.3
	Max of Weight (g)				349.8		349.8
	Average of Weight (g)				207.6		207.6
	StdDev of Weight (g)				201.2		201.2
Central mudminnow	Sample Size	1					1
	Min of Weight (g)	3.3					3.3
	Max of Weight (g)	3.3					3.3
	Average of Weight (g)	3.3					3.3
Creek chub	Sample Size	10			2	35	47
	Min of Weight (g)	1.3			8.3	0	0
	Max of Weight (g)	11.1			8.5	12.3	12.3
	Average of Weight (g)	3.4			8.4	2.4	2.9
	StdDev of Weight (g)	3.1			0.1	2.6	2.9
Mottled sculpin	Sample Size		3	2	10	3	18
	Min of Weight (g)		1.7	2.3	0.1	0.3	0.1
	Max of Weight (g)		5	4.5	10.1	2.5	10.1
	Average of Weight (g)		3.3	3.4	3.8	1.2	3.3
	StdDev of Weight (g)		1.7	1.6	3.1	1.2	2.6
<b>Total Sample Size</b>		<b>41</b>	<b>8</b>	<b>6</b>	<b>26</b>	<b>39</b>	<b>120</b>
<b>Total Min of Weight (g)</b>		<b>0.1</b>	<b>1.2</b>	<b>2.3</b>	<b>0.1</b>	<b>0</b>	<b>0</b>
<b>Total Max of Weight (g)</b>		<b>56.3</b>	<b>16.8</b>	<b>14.3</b>	<b>349.8</b>	<b>12.3</b>	<b>349.8</b>
<b>Total Average of Weight (g)</b>		<b>3.9</b>	<b>4.5</b>	<b>5.4</b>	<b>30.8</b>	<b>2.4</b>	<b>9.4</b>
<b>Total StdDev of Weight (g)</b>		<b>8.6</b>	<b>5.1</b>	<b>4.4</b>	<b>73.1</b>	<b>2.6</b>	<b>35.8</b>

## 2003 through 2016 Combined Fish Weight Summary

Common name	Data	Twin Creek				Chippewa Creek	Total
		SF1	SF16	SF5	SF5-6	SF9	
American brook lamprey	Sample Size	6	2	2		1	11
	Min of Weight (g)	0.5	2	4.6		4.7	0.5
	Max of Weight (g)	4.3	5.9	5.3		4.7	5.9
	Average of Weight (g)	2.0	4.0	5.0		4.7	3.1
	StdDev of Weight (g)	1.8	2.8	0.5			2.1
Blacknose dace	Sample Size	128	2		2	57	189
	Min of Weight (g)	0.1	0.1		3.3	0.1	0.1
	Max of Weight (g)	6.3	0.6		4.3	6.3	6.3
	Average of Weight (g)	2.56	0.35		3.80	2.56	2.55
	StdDev of Weight (g)	1.56	0.35		0.71	1.68	1.60
Brook trout	Sample Size	3		48	16	33	100
	Min of Weight (g)	3.3		0.8	1.8	0.5	0.5
	Max of Weight (g)	75.4		34.4	31.8	128.7	128.7
	Average of Weight (g)	45.0		4.4	14.9	49.2	22.1
	StdDev of Weight (g)	37.4		6.8	9.4	37.3	30.6
Brown trout	Sample Size	15	21			81	117
	Min of Weight (g)	1.8	1.4			1.8	1.4
	Max of Weight (g)	139.4	21.9			672.5	672.5
	Average of Weight (g)	28.8	3.9			97.4	71.8
	StdDev of Weight (g)	32.5	5.0			106.9	97.7
Central mudminnow	Sample Size	1				4	5
	Min of Weight (g)	3.3				0.8	0.8
	Max of Weight (g)	3.3				3.1	3.3
	Average of Weight (g)	3.3				1.6	1.9
	StdDev of Weight (g)					1.1	1.2
Creek chub	Sample Size	29	213		1	7	250
	Min of Weight (g)	1.3	0		6.4	2.3	0
	Max of Weight (g)	20.8	32.9		6.4	29.4	32.9
	Average of Weight (g)	6.6	2.8		6.4	11.0	3.5
	StdDev of Weight (g)	5.2	3.2			8.8	4.1
Mottled sculpin	Sample Size	6	32	36	10	32	116
	Min of Weight (g)	3	0.1	0.8	1.2	0.1	0.1
	Max of Weight (g)	10.5	15.3	8.2	4.5	16.7	16.7
	Average of Weight (g)	6.2	2.7	2.5	2.4	4.0	3.1
	StdDev of Weight (g)	3.0	3.4	1.6	1.0	3.4	2.9
Pumpkinseed sunfish	Sample Size					2	2
	Min of Weight (g)					8.5	8.5
	Max of Weight (g)					13.1	13.1
	Average of Weight (g)					10.8	10.8
	StdDev of Weight (g)					3.3	3.3
White sucker	Sample Size	1	3			4	8
	Min of Weight (g)	9.2	6.1			11	6.1
	Max of Weight (g)	9.2	11.8			259.4	259.4
	Average of Weight (g)	9.2	8.0			174.2	91.3
	StdDev of Weight (g)		3.3			111.1	114.7

## 2003 through 2016 Combined Fish Weight Summary (Continued)

Summary Statistics	Twin Creek				Chippewa Creek	Total
	SF1	SF16	SF5	SF5-6	SF9	
Total Sample Size	189	273	86	29	221	798
Total Min of Weight (g)	0.1	0	0.8	1.2	0.1	0
Total Max of Weight (g)	139.4	32.9	34.4	31.8	672.5	672.5
Total Average of Weight (g)	6.1	2.9	3.6	9.5	47.9	16.4
Total StdDev of Weight (g)	13.2	3.4	5.3	9.2	81.5	47.6