

SOUTH DAKOTA BLACK HILLS COLD STREAM SURVEY
Rapid Creek, Pennington County
02-0062-00
2017

Table 1. Population and Biomass Estimates for Rapid Creek

Site Number: 1363	Date Sampled: 06/30/2017	Conductivity (umhos/cm):
Site Midpoint (Latitude, Longitude): 44.07961205, -103.20426495	Site Length (m): 100	pH:
Survey Completed by: South Dakota Game, Fish and Parks	Mean Width (m): 9.0	Water Temperature (C): 15.5
Stream Classification: BR2	Number of Pass: 4	Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	22	23	27	22	254	16	230	103	14.53	370	110.5	64.0
Brown Trout	>=200mm	25	25	26	25	276	61	250	112	54.23	402	279.6	219.8
Brown Trout	All	47	48	52	47	531	97	480	215	86.23	772	200.5	182.0

Site Number: 1383	Date Sampled: 06/30/2017	Conductivity (umhos/cm):
Site Midpoint (Latitude, Longitude): 44.08487597, -103.22694435	Site Length (m): 100	pH:
Survey Completed by: South Dakota Game, Fish and Parks	Mean Width (m): 12.2	Water Temperature (C):
Stream Classification: BR1	Number of Pass: 3	Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	24	24	25	24	197	14	240	80	12.46	386	143.9	71.0
Brown Trout	>=200mm	75	78	83	75	639	123	780	259	110.20	1255	263.4	193.2
Brown Trout	All	100	103	108	100	844	142	1030	342	126.92	1657	234.4	168.5
White Sucker	All	1	1	1	1	8	6	10	3	5.08	16	385.0	694.0

Site Number: 1420

Site Midpoint (Latitude, Longitude): 44.07501237, -103.26040402

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1

Date Sampled: 07/18/2017

Site Length (m): 100

Mean Width (m): 9.6

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	18	23	37	18	240	14	230	97	12.20	370	127.0	56.8
Brown Trout	>=200mm	132	146	160	132	1527	247	1460	618	220.32	2349	254.5	161.6
Brown Trout	All	150	169	186	152	1767	271	1690	716	242.31	2719	239.2	153.6
White Sucker	All	13	13	15	13	136	109	130	55	97.11	209	409.2	800.2

Site Number: 1434

Site Midpoint (Latitude, Longitude): 44.06752736, -103.27112322

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1

Date Sampled: 06/30/2017

Site Length (m): 100

Mean Width (m): 11.5

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	20	22	28	20	192	9	220	78	8.21	354	109.3	48.0
Brown Trout	>=200mm	102	120	139	102	1045	178	1200	423	158.99	1931	255.6	170.4
Brown Trout	All	122	144	166	122	1254	199	1440	508	177.44	2317	231.6	158.5
Green Sunfish	All	3	5	24	3	44	2	50	18	1.97	80	126.3	50.7
Rock Bass	All	2	2	2	2	17	3	20	7	2.71	32	188.0	174.0
White Sucker	All	37	37	39	37	322	99	370	131	88.16	595	245.6	306.4

Site Number: 1444

Site Midpoint (Latitude, Longitude): 44.06406624, -103.27603653

Survey Completed by: South Dakota Game, Fish and Parks

Date Sampled: 07/07/2017

Site Length (m): 100

Conductivity (umhos/cm):

pH:

Stream Classification: BR1, RB2

Mean Width (m): 13.0

Water Temperature (C):

Number of Pass: 3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	19	20	24	19	154	6	200	62	5.49	322	88.3	39.8
Brown Trout	>=200mm	65	66	69	65	509	122	660	206	108.59	1062	288.7	238.9
Brown Trout	All	84	87	92	84	671	149	870	272	133.07	1400	243.4	222.1
Rainbow Trout	>=200mm	3	3	5	3	23	5	30	9	4.20	48	278.0	203.3
Rainbow Trout	All	3	3	5	3	23	5	30	9	4.20	48	278.0	203.3
White Sucker	All	1	1	1	1	8	4	10	3	3.49	16	355.0	506.0

Site Number: 1449

Date Sampled: 07/07/2017

Conductivity (umhos/cm):

Site Midpoint (Latitude, Longitude): 44.06128245, -103.28022267

Site Length (m): 100

pH:

Survey Completed by: South Dakota Game, Fish and Parks

Mean Width (m): 10.0

Water Temperature (C):

Stream Classification: BR2

Number of Pass: 3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	>=200mm	13	13	13	13	130	46	130	53	40.86	209	329.2	350.8
Brown Trout	All	14	14	14	14	141	49	140	57	44.01	225	310.9	350.8

Site Number: 1487

Date Sampled: 05/18/2017

Conductivity (umhos/cm):

403

Site Midpoint (Latitude, Longitude): 44.04905234, -103.31193431

Site Length (m): 100

pH:

Survey Completed by: South Dakota Game, Fish and Parks

Mean Width (m): 10.4

Water Temperature (C):

8.2

Stream Classification: BR1, RB2

Number of Pass: 3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	46	67	103	46	641	16	670	260	14.29	1078	121.6	25.0
Brown Trout	>=200mm	41	41	42	41	393	85	410	159	76.12	660	280.0	217.2
Brown Trout	All	87	93	101	87	890	105	930	361	93.55	1496	196.2	117.7
Rainbow Trout	>=200mm	2	2	3	2	19	5	20	8	4.76	32	313.0	278.5
Rainbow Trout	All	2	2	3	2	19	5	20	8	4.76	32	313.0	278.5

Site Number: 1487

Site Midpoint (Latitude, Longitude): 44.04905234, -103.31193431

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB2

Date Sampled: 06/14/2017

Site Length (m): 100

Mean Width (m): 10.3

Number of Pass: 3

Conductivity (umhos/cm): 301

pH:

Water Temperature (C): 17.1

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	32	34	39	32	329	8	340	133	7.03	547	95.8	23.9
Brown Trout	>=200mm	24	24	25	24	232	65	240	94	57.75	386	301.2	278.5
Brown Trout	All	56	58	62	56	561	93	580	227	83.19	933	183.9	166.0
Rainbow Trout	>=200mm	1	1	1	1	10	4	10	4	3.54	16	361.0	410.0
Rainbow Trout	All	1	1	1	1	10	4	10	4	3.54	16	361.0	410.0

Site Number: 1487

Site Midpoint (Latitude, Longitude): 44.04905234, -103.31193431

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB2

Date Sampled: 07/18/2017

Site Length (m): 100

Mean Width (m): 10.2

Number of Pass: 3

Conductivity (umhos/cm): 317

pH:

Water Temperature (C): 21.6

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	66	72	81	66	707	35	720	286	30.91	1158	83.8	49.0
Brown Trout	>=200mm	31	32	35	31	314	74	320	127	65.93	515	283.8	235.2
Brown Trout	All	97	105	115	97	1030	177	1050	417	158.04	1689	147.7	171.8
Rainbow Trout	>=200mm	4	4	5	4	39	11	40	16	9.84	64	297.0	280.8
Rainbow Trout	All	4	4	5	4	39	11	40	16	9.84	64	297.0	280.8

Site Number: 1487

Site Midpoint (Latitude, Longitude): 44.04905234, -103.31193431

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB2

Date Sampled: 08/15/2017

Site Length (m): 100

Mean Width (m): 10.0

Number of Pass: 3

Conductivity (umhos/cm): 284

pH:

Water Temperature (C): 15.6

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	132	198	266	132	1989	75	1980	806	66.60	3186	81.8	37.5
Brown Trout	>=200mm	28	28	29	28	281	54	280	114	48.06	451	263.8	191.4
Brown Trout	All	160	203	240	166	2039	267	2030	826	238.80	3266	113.7	131.2
Rainbow Trout	>=200mm	2	2	3	2	20	7	20	8	6.22	32	302.0	346.5
Rainbow Trout	All	2	2	3	2	20	7	20	8	6.22	32	302.0	346.5
White Sucker	All	7	7	8	7	70	1	70	28	0.96	113	93.0	15.3

Site Number: 1487

Site Midpoint (Latitude, Longitude): 44.04905234, -103.31193431

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 09/18/2017

Site Length (m): 100

Mean Width (m): 9.8

Number of Pass: 3

Conductivity (umhos/cm): 256

pH:

Water Temperature (C): 12.3

Voltage: 230

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	155	177	196	158	1803	58	1770	730	51.76	2848	87.0	32.2
Brown Trout	>=200mm	15	15	16	15	153	37	150	62	33.42	241	291.1	245.0
Brown Trout	All	170	189	205	173	1925	243	1890	780	216.67	3041	105.0	126.1
White Sucker	All	4	3	5	4	31	1	30	12	0.63	48	106.0	23.0

Site Number: 1615

Site Midpoint (Latitude, Longitude): 44.03872577, -103.39020010

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB2

Date Sampled: 05/18/2017

Site Length (m): 125

Mean Width (m): 9.8

Number of Pass: 3

Conductivity (umhos/cm): 411

pH:

Water Temperature (C): 6.3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	100	99	116	100	1006	26	792	407	22.78	1274	125.6	25.4
Brown Trout	>=200mm	20	20	22	20	203	48	160	82	42.76	257	287.4	235.8
Brown Trout	All	120	119	135	120	1209	73	952	490	65.22	1532	152.5	60.4
Rainbow Trout	>=200mm	2	2	3	2	20	6	16	8	5.11	26	296.5	281.5
Rainbow Trout	All	2	2	3	2	20	6	16	8	5.11	26	296.5	281.5

Site Number: 1615

Site Midpoint (Latitude, Longitude): 44.03872577, -103.39020010

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1, RB2

Date Sampled: 06/15/2017

Site Length (m): 125

Mean Width (m): 9.6

Number of Pass: 3

Conductivity (umhos/cm): 259

pH:

Water Temperature (C): 11.2

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	48	104	235	48	1078	32	832	437	28.61	1339	130.5	29.7

Brown Trout	>=200mm	17	51	235	17	529	128	408	214	114.19	656	278.5	241.9
Brown Trout	All	65	178	460	65	1845	160	1424	747	143.30	2291	169.2	87.0
Rainbow Trout	>=200mm	1	1	5	1	10	4	8	4	3.53	13	336.0	381.0
Rainbow Trout	All	1	1	5	1	10	4	8	4	3.53	13	336.0	381.0

Site Number: 1615
Site Midpoint (Latitude, Longitude): 44.03872577, -103.39020010
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK0, BR2

Date Sampled: 07/17/2017
Site Length (m): 125
Mean Width (m): 10.5
Number of Pass: 3
Conductivity (umhos/cm): 9
pH:
Water Temperature (C): 13.4
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	1	1	1	1	9	1	8	4	0.81	13	137.0	95.0
Brook Trout	All	1	1	1	1	9	1	8	4	0.81	13	137.0	95.0
Brown Trout	<200mm	37	106	345	37	1007	29	848	408	26.20	1364	126.9	29.1
Brown Trout	>=200mm	15	15	17	15	142	31	120	58	27.69	193	282.5	217.7
Brown Trout	All	52	86	146	52	817	71	688	331	63.35	1107	171.8	86.9

Site Number: 1615
Site Midpoint (Latitude, Longitude): 44.03872577, -103.39020010
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB2

Date Sampled: 08/14/2017
Site Length (m): 125
Mean Width (m): 10.5
Number of Pass: 3
Conductivity (umhos/cm): 254
pH:
Water Temperature (C): 12.4
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	91	120	153	91	1140	40	960	462	36.07	1545	102.6	35.4
Brown Trout	>=200mm	17	19	25	17	180	34	152	73	30.43	245	260.9	188.8
Brown Trout	All	108	141	176	108	1339	106	1128	542	94.36	1815	127.5	78.9

Rainbow Trout	>=200mm	1	1	1	1	9	4	8	4	3.59	13	350.0	423.0
Rainbow Trout	All	1	1	1	1	9	4	8	4	3.59	13	350.0	423.0

Site Number: 1615
Site Midpoint (Latitude, Longitude): 44.03872577, -103.39020010
Survey Completed by: SD School of Mines and Technology
Stream Classification: BK3, BR2, RB2

Date Sampled: 09/19/2017
Site Length (m): 125
Mean Width (m): 9.5
Number of Pass: 3
Conductivity (umhos/cm): 263
pH:
Water Temperature (C): 11.0
Voltage: 225

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	>=200mm	1	1	1	1	11	1	8	4	1.14	13	226.0	122.0
Brook Trout	All	1	1	1	1	11	1	8	4	1.14	13	226.0	122.0
Brown Trout	<200mm	110	139	169	110	1460	52	1112	591	46.00	1789	101.9	35.3
Brown Trout	>=200mm	25	25	27	25	263	60	200	106	53.82	322	268.8	229.5
Brown Trout	All	135	159	181	137	1670	178	1272	677	159.11	2047	132.8	106.7
Rainbow Trout	>=200mm	2	2	4	2	21	7	16	9	6.48	26	310.0	345.5
Rainbow Trout	All	3	3	4	3	32	11	24	13	9.72	39	229.0	345.5

Site Number: 1657
Site Midpoint (Latitude, Longitude): 44.05378140, -103.40654880
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1, RB2

Date Sampled: 06/29/2017
Site Length (m): 500
Mean Width (m): 9.8
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	117	117	117	117	1194	49	234	484	44.08	377	153.2	41.3
Brown Trout	>=200mm	157	157	157	157	1602	223	314	649	198.82	505	242.1	139.0
Brown Trout	All	274	274	274	274	2796	273	548	1132	243.92	882	204.1	97.7

Rainbow Trout	<200mm	5	5	5	5	51	2	10	21	1.49	16	139.4	32.6
Rainbow Trout	>=200mm	3	3	3	3	31	10	6	12	8.83	10	338.0	323.0
Rainbow Trout	All	8	8	8	8	82	12	16	33	10.31	26	213.9	141.5

Site Number: 1657
Site Midpoint (Latitude, Longitude): 44.05378140, -103.40654880
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1, RB2

Date Sampled: 07/24/2017
Site Length (m): 500
Mean Width (m): 9.6
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	156	156	156	156	1631	70	312	661	62.39	502	148.4	42.8
Brown Trout	>=200mm	191	191	191	191	1997	268	382	809	239.00	615	241.4	134.0
Brown Trout	All	347	347	347	347	3628	345	694	1469	308.22	1117	199.6	95.1
Rainbow Trout	<200mm	2	2	2	2	21	1	4	8	0.60	6	144.5	32.0
Rainbow Trout	>=200mm	1	1	1	1	10	2	2	4	1.77	3	271.0	190.0
Rainbow Trout	All	3	3	3	3	31	3	6	13	2.37	10	186.7	84.7

Site Number: 1814
Site Midpoint (Latitude, Longitude): 44.07556736, -103.46418074
Survey Completed by:
Stream Classification: BR1, RB1

Date Sampled: 06/29/2017
Site Length (m): 500
Mean Width (m): 9.8
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	27	27	27	27	276	11	54	112	9.39	87	147.4	38.2
Brown Trout	>=200mm	114	114	114	114	1163	196	228	471	175.28	367	257.7	168.8
Brown Trout	All	141	141	141	141	1439	208	282	583	185.63	454	236.6	144.5

Rainbow Trout	<200mm	2	2	2	2	20	0	4	8	0.18	6	99.0	10.0
Rainbow Trout	>=200mm	14	14	14	14	143	32	28	58	28.51	45	277.1	223.5
Rainbow Trout	All	16	16	16	16	163	32	32	66	28.69	51	254.8	196.8

Site Number: 1814
Site Midpoint (Latitude, Longitude): 44.07556736, -103.46418074
Survey Completed by:
Stream Classification: BR1, RB2

Date Sampled: 07/24/2017
Site Length (m): 500
Mean Width (m): 10.5
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	31	31	31	31	296	7	62	120	6.44	100	127.7	24.4
Brown Trout	>=200mm	54	54	54	54	515	92	108	209	81.93	174	264.4	178.1
Brown Trout	All	85	85	85	85	811	101	170	328	90.07	274	214.5	124.4
Rainbow Trout	<200mm	4	4	4	4	38	1	8	15	0.61	13	102.0	18.0
Rainbow Trout	>=200mm	5	5	5	5	48	13	10	19	11.66	16	297.8	273.8
Rainbow Trout	All	9	9	9	9	86	17	18	35	15.39	29	210.8	200.7

Site Number: 1814
Site Midpoint (Latitude, Longitude): 44.07556736, -103.46418074
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1, RB2

Date Sampled: 08/23/2017
Site Length (m): 500
Mean Width (m): 10.0
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	126	126	126	126	1261	33	252	511	29.13	405	109.8	25.9
Brown Trout	>=200mm	54	54	54	54	540	111	108	219	98.93	174	269.7	205.0
Brown Trout	All	180	180	180	180	1802	168	360	730	149.67	579	157.7	93.0

Rainbow Trout	<200mm	12	12	12	12	120	2	24	49	1.72	39	112.9	16.0
Rainbow Trout	>=200mm	3	3	3	3	30	9	6	12	7.61	10	308.3	284.0
Rainbow Trout	All	15	15	15	15	150	10	30	61	9.33	48	152.0	69.6

Site Number: 1831
Site Midpoint (Latitude, Longitude): 44.07747146, -103.47690289
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1, RB2

Date Sampled: 05/22/2017
Site Length (m): 100
Mean Width (m): 10.7
Number of Pass: 3
Conductivity (umhos/cm): 253
pH:
Water Temperature (C): 10.2
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	49	74	117	49	693	34	740	281	30.55	1191	124.5	49.3
Brown Trout	>=200mm	40	41	45	40	384	85	410	156	76.10	660	274.4	221.9
Brown Trout	All	89	106	126	89	993	153	1060	402	136.48	1706	191.9	153.9
Rainbow Trout	>=200mm	1	1	1	1	9	2	10	4	2.16	16	307.0	258.0
Rainbow Trout	All	1	1	1	1	9	2	10	4	2.16	16	307.0	258.0

Site Number: 1831
Site Midpoint (Latitude, Longitude): 44.07747146, -103.47690289
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB2

Date Sampled: 06/14/2017
Site Length (m): 100
Mean Width (m): 10.7
Number of Pass: 3
Conductivity (umhos/cm): 243
pH:
Water Temperature (C): 8.7
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	51	116	270	51	1086	46	1160	440	41.11	1866	125.1	42.4
Brown Trout	>=200mm	29	29	30	29	271	60	290	110	53.25	467	269.8	219.7
Brown Trout	All	80	101	126	80	946	122	1010	383	109.36	1625	177.5	129.5
Rainbow Trout	>=200mm	1	1	1	1	9	11	10	4	10.22	16	563.0	1223.0

Rainbow Trout All 1 1 1 1 9 11 10 4 10.22 16 563.0 1223.0

Site Number: 1831
Site Midpoint (Latitude, Longitude): 44.07747146, -103.47690289
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB0

Date Sampled: 07/17/2017
Site Length (m): 100
Mean Width (m): 11.0
Number of Pass: 3
Conductivity (umhos/cm): 242
pH:
Water Temperature (C): 10.2
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	29	41	67	29	373	15	410	151	13.16	660	137.8	39.5
Brown Trout	>=200mm	15	15	17	15	136	27	150	55	24.14	241	272.5	198.1
Brown Trout	All	44	54	71	44	491	47	540	199	41.60	869	183.7	94.8
Rainbow Trout	<200mm	5	5	5	5	45	1	50	18	0.47	80	88.0	11.5
Rainbow Trout	All	5	5	5	5	45	1	50	18	0.47	80	88.0	11.5

Site Number: 1831
Site Midpoint (Latitude, Longitude): 44.07747146, -103.47690289
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB0

Date Sampled: 08/14/2017
Site Length (m): 100
Mean Width (m): 10.8
Number of Pass: 3
Conductivity (umhos/cm): 256
pH:
Water Temperature (C): 9.2
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	20	27	45	20	250	10	270	101	8.61	434	135.7	38.6
Brown Trout	>=200mm	9	9	11	9	83	18	90	34	15.75	145	274.1	211.9
Brown Trout	All	29	38	57	29	352	35	380	142	30.94	611	178.7	98.6
Rainbow Trout	<200mm	4	4	4	4	37	0	40	15	0.35	64	96.3	10.7
Rainbow Trout	All	4	4	4	4	37	0	40	15	0.35	64	96.3	10.7

Site Number: 1831
Site Midpoint (Latitude, Longitude): 44.07747146, -103.47690289
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK0, BR2, RB2

Date Sampled: 09/19/2017 **Conductivity (umhos/cm):** 239
Site Length (m): 100
Mean Width (m): 9.6 **pH:**
Number of Pass: 3 **Water Temperature (C):** 8.8
Voltage: 230

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	1	1	1	1	10	0	10	4	0.17	16	127.0	18.0
Brook Trout	All	1	1	1	1	10	0	10	4	0.17	16	127.0	18.0
Brown Trout	<200mm	36	42	53	36	435	14	420	176	12.54	676	115.9	32.3
Brown Trout	>=200mm	6	6	8	6	62	16	60	25	14.58	97	293.3	262.5
Brown Trout	All	42	49	61	42	508	37	490	206	33.06	788	141.3	72.9
Rainbow Trout	<200mm	7	7	9	7	73	1	70	29	0.89	113	89.1	13.8
Rainbow Trout	>=200mm	1	1	2	1	10	4	10	4	3.30	16	315.0	357.0
Rainbow Trout	All	8	9	14	8	93	7	90	38	5.92	145	117.4	71.0

Site Number: 1851
Site Midpoint (Latitude, Longitude): 44.07651516, -103.48158820
Survey Completed by: South Dakota State University
Stream Classification: BK3, BR1, RB1

Date Sampled: 06/28/2017 **Conductivity (umhos/cm):**
Site Length (m): 500
Mean Width (m): 11.5 **pH:**
Number of Pass: 1 **Water Temperature (C):**
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	1	1	1	1	9	0	2	4	0.29	3	160.0	38.0
Brook Trout	>=200mm	3	3	3	3	26	7	6	11	5.81	10	304.3	250.0
Brook Trout	All	4	4	4	4	35	7	8	14	6.10	13	268.3	197.0
Brown Trout	<200mm	31	31	31	31	269	16	62	109	13.97	100	172.2	58.2
Brown Trout	>=200mm	357	357	357	357	3097	842	714	1254	751.54	1149	302.3	271.8

Brown Trout	All	388	388	388	388	3366	857	776	1363	765.37	1249	291.9	254.7
Lake Trout	>=200mm	2	2	2	2	17	37	4	7	33.00	6	588.0	2130.5
Lake Trout	All	2	2	2	2	17	37	4	7	33.00	6	588.0	2130.5
Rainbow Trout	>=200mm	39	39	39	39	338	138	78	137	122.95	126	335.8	407.0
Rainbow Trout	All	39	39	39	39	338	138	78	137	122.95	126	335.8	407.0

Site Number: 1851
Site Midpoint (Latitude, Longitude): 44.07651516, -103.48158820
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK0, BR1, RB1

Date Sampled: 07/25/2017
Site Length (m): 500
Mean Width (m): 11.6
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	3	3	3	3	26	2	6	10	1.57	10	107.0	68.0
Brook Trout	All	3	3	3	3	26	2	6	10	1.57	10	107.0	68.0
Brown Trout	<200mm	21	21	21	21	181	8	42	73	7.50	68	153.2	46.4
Brown Trout	>=200mm	150	150	150	150	1293	612	300	524	546.55	483	372.8	473.4
Brown Trout	All	171	171	171	171	1474	624	342	597	556.95	550	345.9	423.1
Lake Trout	>=200mm	1	1	1	1	9	29	2	3	25.83	3	767.0	3356.0
Lake Trout	All	1	1	1	1	9	29	2	3	25.83	3	767.0	3356.0
Rainbow Trout	>=200mm	11	11	11	11	95	66	22	38	58.91	35	413.2	695.8
Rainbow Trout	All	11	11	11	11	95	66	22	38	58.91	35	413.2	695.8

Site Number: 1851
Site Midpoint (Latitude, Longitude): 44.07651516, -103.48158820
Survey Completed by:
Stream Classification: BR1, RB1

Date Sampled: 08/24/2017
Site Length (m): 500
Mean Width (m): 10.3
Number of Pass: 1
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 350

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	37	37	37	37	361	15	74	146	13.21	119	142.7	41.0
Brown Trout	>=200mm	143	143	143	143	1395	655	286	565	584.44	460	379.6	469.4
Brown Trout	All	180	180	180	180	1755	689	360	711	615.35	579	330.9	392.6
Rainbow Trout	>=200mm	14	14	14	14	137	106	28	55	94.59	45	428.4	775.9
Rainbow Trout	All	15	15	15	15	146	114	30	59	101.34	48	404.8	775.9

Site Number: 1930

Site Midpoint (Latitude, Longitude): 44.08581700, -103.55549131

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 07/26/2017

Site Length (m): 100

Mean Width (m): 6.9

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

250

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	21	20	27	21	289	14	200	117	12.70	322	163.7	49.2
Brown Trout	>=200mm	7	7	9	7	101	16	70	41	14.01	113	255.3	154.9
Brown Trout	All	28	27	34	28	391	30	270	158	26.71	434	186.6	76.6

Site Number: 1930

Site Midpoint (Latitude, Longitude): 44.08581700, -103.55549131

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB1

Date Sampled: 10/10/2017

Site Length (m): 100

Mean Width (m): 7.9

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

275

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	34	34	36	34	431	20	340	175	17.98	547	151.9	46.7
Brown Trout	>=200mm	22	22	22	22	279	45	220	113	40.24	354	253.3	161.5

Brown Trout	All	56	56	58	56	710	69	560	288	61.65	901	191.7	97.2
Rainbow Trout	<200mm	25	33	51	25	419	5	330	170	4.45	531	95.4	11.9
Rainbow Trout	>=200mm	7	7	7	7	89	70	70	36	62.61	113	431.1	789.6
Rainbow Trout	All	32	35	42	32	444	147	350	180	131.68	563	168.8	332.1

Site Number: 1936
Site Midpoint (Latitude, Longitude): 44.08412803, -103.56026979
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2

Date Sampled: 07/26/2017
Site Length (m): 100
Mean Width (m): 10.3
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	34	58	112	34	565	22	580	229	19.71	933	139.3	39.1
Brown Trout	>=200mm	8	8	10	8	78	8	80	32	6.98	129	220.0	100.4
Brown Trout	All	42	65	108	42	633	33	650	256	29.79	1046	154.6	52.7
Rock Bass	All	3	3	5	3	29	1	30	12	1.15	48	108.3	44.0
White Sucker	All	6	5	8	6	49	1	50	20	0.45	80	93.0	10.3

Site Number: 1936
Site Midpoint (Latitude, Longitude): 44.08412803, -103.56026979
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB2

Date Sampled: 10/10/2017
Site Length (m): 100
Mean Width (m): 11.2
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 275

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	46	46	47	46	411	14	460	167	12.40	740	123.1	33.8
Brown Trout	>=200mm	29	29	29	29	259	48	290	105	42.86	467	258.5	185.1
Brown Trout	All	75	75	76	75	671	74	750	272	66.32	1207	175.4	110.7

Rainbow Trout	<200mm	42	49	61	42	438	6	490	177	5.58	788	90.4	14.3
Rainbow Trout	>=200mm	6	6	6	6	54	39	60	22	35.16	97	412.0	733.8
Rainbow Trout	All	48	53	62	48	474	153	530	192	136.54	853	130.6	322.6
White Sucker	All	3	3	5	3	27	0	30	11	0.36	48	73.0	15.0

Site Number: 1949
Site Midpoint (Latitude, Longitude): 44.08691002, -103.57090322
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2

Date Sampled: 07/26/2017
Site Length (m): 100
Mean Width (m): 6.8
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 300

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	28	31	38	28	455	21	310	184	18.82	499	101.9	46.4
Brown Trout	>=200mm	10	10	12	10	147	15	100	59	13.66	161	224.9	104.3
Brown Trout	All	38	42	50	38	616	46	420	249	40.67	676	134.2	74.0
Rock Bass	All	2	2	2	2	29	2	20	12	1.81	32	149.0	69.0

Site Number: 1949
Site Midpoint (Latitude, Longitude): 44.08691002, -103.57090322
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB2

Date Sampled: 10/10/2017
Site Length (m): 100
Mean Width (m): 6.7
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 250

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	40	43	50	40	638	30	430	259	26.42	692	131.0	46.4
Brown Trout	>=200mm	15	15	17	15	223	31	150	90	27.68	241	242.7	139.2
Brown Trout	All	55	59	66	55	876	74	590	355	65.69	949	161.4	84.0
Rainbow Trout	<200mm	17	17	19	17	252	3	170	102	2.25	274	80.4	10.0

Rainbow Trout	>=200mm	1	1	1	1	15	14	10	6	12.55	16	448.0	947.0
Rainbow Trout	All	18	18	20	18	267	128	180	108	114.16	290	100.8	478.5

Site Number: 1952

Site Midpoint (Latitude, Longitude): 44.08822830, -103.57398811

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2, RB1

Date Sampled: 07/26/2017

Site Length (m): 100

Mean Width (m): 7.1

Number of Pass: 3

Conductivity (umhos/cm): 399

pH:

Water Temperature (C): 16.9

Voltage: 300

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	35	37	42	35	520	22	370	211	19.84	595	131.1	42.8
Brown Trout	>=200mm	20	20	21	20	281	29	200	114	25.79	322	223.1	102.8
Brown Trout	All	55	57	62	55	801	56	570	324	50.08	917	164.5	70.0
Largemouth Bass	All	2	2	2	2	28	0	20	11	0.39	32	107.0	15.5
Rainbow Trout	<200mm	8	10	19	8	140	4	100	57	3.60	161	90.1	28.7
Rainbow Trout	>=200mm	10	49	493	10	688	72	490	279	63.86	788	221.5	103.9
Rainbow Trout	All	18	57	272	18	801	69	570	324	61.87	917	163.1	86.5
Rock Bass	All	5	5	5	5	70	3	50	28	2.37	80	119.4	37.8
White Sucker	All	4	4	4	4	56	1	40	23	0.65	64	95.0	13.0

Site Number: 1952

Site Midpoint (Latitude, Longitude): 44.08822830, -103.57398811

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1, RB2

Date Sampled: 10/16/2017

Site Length (m): 100

Mean Width (m): 7.5

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage: 275

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	66	68	73	66	912	38	680	369	33.95	1094	132.1	41.7

Brown Trout	>=200mm	32	32	33	32	429	51	320	174	45.84	515	231.9	119.6
Brown Trout	All	98	100	104	98	1341	102	1000	543	90.83	1609	164.7	75.8
Rainbow Trout	>=200mm	4	4	4	4	54	28	40	22	25.42	64	381.0	530.5
Rainbow Trout	All	23	34	62	23	456	242	340	185	216.04	547	132.5	530.5
White Sucker	All	4	4	7	4	54	1	40	22	0.79	64	82.8	16.5

Site Number: 1965
Site Midpoint (Latitude, Longitude): 44.08228452, -103.58120757
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB2

Date Sampled: 07/26/2017
Site Length (m): 100
Mean Width (m): 9.0
Number of Pass: 3
Conductivity (umhos/cm): 396
pH:
Water Temperature (C): 16.6
Voltage: 300

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	91	103	117	91	1148	43	1030	465	38.42	1657	109.5	37.5
Brown Trout	>=200mm	20	20	20	20	223	23	200	90	20.10	322	219.6	101.0
Brown Trout	All	111	119	129	111	1326	74	1190	537	65.87	1915	129.4	55.6
Rainbow Trout	>=200mm	1	1	1	1	11	2	10	5	1.57	16	267.0	158.0
Rainbow Trout	All	12	27	102	12	301	48	270	122	42.45	434	68.7	158.0

Site Number: 1965
Site Midpoint (Latitude, Longitude): 44.08228452, -103.58120757
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB0

Date Sampled: 10/16/2017
Site Length (m): 100
Mean Width (m): 8.6
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C):
Voltage: 275

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	113	120	129	113	1391	46	1200	563	41.22	1931	110.9	33.2
Brown Trout	>=200mm	22	22	22	22	255	28	220	103	25.26	354	223.8	111.0

Brown Trout	All	135	140	147	135	1623	94	1400	657	83.50	2253	129.3	57.6
Rainbow Trout	<200mm	36	38	43	36	440	5	380	178	4.46	611	84.9	11.3
Rainbow Trout	All	36	38	43	36	440	5	380	178	4.46	611	84.9	11.3

Site Number: 2100
Site Midpoint (Latitude, Longitude): 44.10587489, -103.65265070
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2

Date Sampled: 07/11/2017
Site Length (m): 100
Mean Width (m): 5.4
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C): 18.7
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	43	44	47	43	818	35	440	331	31.11	708	121.6	42.6
Brown Trout	>=200mm	15	15	17	15	279	31	150	113	27.96	241	228.5	112.3
Brown Trout	All	58	60	64	58	1115	74	600	452	66.08	965	149.2	66.4

Site Number: 2133
Site Midpoint (Latitude, Longitude): 44.11041555, -103.67253220
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2

Date Sampled: 07/11/2017
Site Length (m): 100
Mean Width (m): 5.9
Number of Pass: 3
Conductivity (umhos/cm):
pH:
Water Temperature (C): 19.0
Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	23	23	25	23	390	15	230	158	13.05	370	137.7	37.5
Brown Trout	>=200mm	7	7	7	7	119	15	70	48	13.23	113	234.0	124.9
Brown Trout	All	30	30	32	30	508	31	300	206	27.31	483	160.2	60.1

Site Number: 2162
Site Midpoint (Latitude, Longitude): 44.11518381, -103.69460172
Survey Completed by: South Dakota Game, Fish and Parks

Date Sampled: 07/11/2017
Site Length (m): 100
Conductivity (umhos/cm):
pH:

Stream Classification: BR2

Mean Width (m): 4.7

Water Temperature (C): 19.2

Number of Pass: 3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	41	41	42	41	867	37	410	351	32.61	660	138.7	42.1
Brown Trout	>=200mm	8	8	9	8	169	17	80	69	14.73	129	216.9	97.5
Brown Trout	All	49	49	50	49	1037	54	490	420	48.29	788	151.4	52.2

Stream sites are classified based on the estimates of adult trout over eight inches that exist within the site. Estimates are derived from 3-pass backpack electrofishing surveys at 100-meter sites within streams. While all fish in the site are collected and measured, only trout species are used for classifications. Sites are numbered in accordance for the distance (m) from the stream confluence of a higher order stream/river.

Based on number of trout in excess of eight inches	
Class BR1	Number of wild Brown Trout exceeds 150 per acre
Class BR2	Number of wild Brook Trout ranges from 25 to 150 per acre
Class BR3	Number of wild Brown Trout is less than 25 per acre
Class BK1	Number of wild Brook Trout exceeds 150 per acre
Class BK2	Number of wild Brook Trout ranges from 25 to 150 per acre
Class BK3	Number of wild Brook Trout is less than 25 per acre
Class RB1	Number of wild Rainbow Trout exceeds 25 per acre
Class RB2	Number of wild Rainbow Trout is less than 25 per acre

Table 2. Species composition and population estimates on Rapid Creek, 2007-2017

Site 1363

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 24, 2007	66	65-69	
	Jul 23, 2012	70	67-76	
	May 12, 2016	118	96-142	
	Jun 30, 2017	23	22-27	
Brown Trout >=200mm	Sep 24, 2007	18	18-20	BR2
	Jul 23, 2012	64	59-72	BR1
	May 12, 2016	48	38-66	BR1

Brown Trout >=200mm	Jun 30, 2017	25	25-26	BR2
Creek Chub	Jul 23, 2012	1	1-1	
Longnose Dace	Sep 24, 2007	35	27-52	
Rock Bass	Sep 24, 2007	34	30-43	
White Sucker	Jul 23, 2012	63	19-310	

Site 1383

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jul 25, 2012	128	71-221	
	Jul 30, 2013	121	100-144	
	Jun 30, 2017	24	24-25	
Brown Trout >=200mm	Jul 25, 2012	44	41-50	BR1
	Jul 30, 2013	43	36-56	BR1
	Jun 30, 2017	78	75-83	BR1
Longnose Dace	Jul 30, 2013	5	6-11	
Rock Bass	Jul 25, 2012	2	2-2	
White Sucker	Jul 30, 2013	6	6-8	

White Sucker

Jun 30, 2017

1

1-1

Site 1420

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jul 24, 2012	210	108-349	
	Jul 29, 2013	97	54-177	
	Jul 18, 2017	23	18-37	
Brown Trout >=200mm	Jul 24, 2012	131	86-187	BR1
	Jul 29, 2013	172	142-202	BR1
	Jul 18, 2017	146	132-160	BR1
White Sucker	Jul 24, 2012	10	10-11	
	Jul 18, 2017	13	13-15	

Site 1434

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jul 23, 2012	122	90-160	
	May 10, 2016	29	21-50	
	Jun 30, 2017	22	20-28	
Brown Trout >=200mm	Jul 23, 2012	136	119-153	BR1

Brown Trout >=200mm	May 10, 2016	62	59-68	BR1
	Jun 30, 2017	120	102-139	BR1
Green Sunfish	Jun 30, 2017	5	3-24	
Longnose Dace	May 10, 2016	2	2-4	
Rock Bass	Jul 23, 2012	1	1-5	
	Jun 30, 2017	2	2-2	
White Sucker	Jul 23, 2012	65	57-77	
	May 10, 2016	44	37-57	
	Jun 30, 2017	37	37-39	

Site 1444

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 20, 2007	118	118-119	
	Sep 15, 2008	342	326-358	
	Aug 06, 2012	34	35-42	
	Jul 30, 2013	189	173-205	
	Jul 07, 2017	20	19-24	

Brown Trout >=200mm	Sep 20, 2007	9	9-10	BR2
	Sep 15, 2008	13	13-13	BR2
	Aug 06, 2012	84	73-98	BR1
	Jul 30, 2013	65	57-77	BR1
	Jul 07, 2017	66	65-69	BR1
Green Sunfish	Jul 30, 2013	1	1-2	
Longnose Dace	Sep 20, 2007	8	8-10	
Rainbow Trout <200mm	Sep 15, 2008	5	3-24	
Rainbow Trout >=200mm	Sep 15, 2008	1	1-1	RB2
	Aug 06, 2012	2	2-2	RB2
	Jul 30, 2013	1	1-1	RB2
	Jul 07, 2017	3	3-5	RB2
Rock Bass	Sep 20, 2007	2	2-4	
	Aug 06, 2012	1	1-1	
White Sucker	Sep 20, 2007	24	24-26	
	Sep 15, 2008	13	13-15	

White Sucker

Jul 07, 2017

1

1-1

Site 1449

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout >=200mm	Jul 07, 2017	13	13-13	BR2

Site 1487

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	May 18, 2017	67	46-103	
	Jun 14, 2017	34	32-39	
	Jul 18, 2017	72	66-81	
	Aug 15, 2017	198	132-266	
	Sep 18, 2017	177	158-196	
Brown Trout >=200mm	May 18, 2017	41	41-42	BR1
	Jun 14, 2017	24	24-25	BR2
	Jul 18, 2017	32	31-35	BR2
	Aug 15, 2017	28	28-29	BR2
	Sep 18, 2017	15	15-16	BR2

Rainbow Trout >=200mm	May 18, 2017	2	2-3	RB2
	Jun 14, 2017	1	1-1	RB2
	Jul 18, 2017	4	4-5	RB2
	Aug 15, 2017	2	2-3	RB2
White Sucker	Aug 15, 2017	7	7-8	
	Sep 18, 2017	3	4-5	

Site 1615

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Jul 17, 2017	1	1-1	
Brook Trout >=200mm	Sep 19, 2017	1	1-1	BK3
Brown Trout <200mm	May 18, 2017	99	100-116	
	Jun 15, 2017	104	48-235	
	Jul 17, 2017	106	37-345	
	Aug 14, 2017	120	91-153	
	Sep 19, 2017	139	110-169	
Brown Trout >=200mm	May 18, 2017	20	20-22	BR2

Brown Trout >=200mm	Jun 15, 2017	51	17-235	BR1
	Jul 17, 2017	15	15-17	BR2
	Aug 14, 2017	19	17-25	BR2
	Sep 19, 2017	25	25-27	BR2
Rainbow Trout >=200mm	May 18, 2017	2	2-3	RB2
	Jun 15, 2017	1	1-5	RB2
	Aug 14, 2017	1	1-1	RB2
	Sep 19, 2017	2	2-4	RB2

Site 1657

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jun 29, 2017	117	117-117	
	Jul 24, 2017	156	156-156	
Brown Trout >=200mm	Jun 29, 2017	157	157-157	BR1
	Jul 24, 2017	191	191-191	BR1
Rainbow Trout <200mm	Jun 29, 2017	5	5-5	
	Jul 24, 2017	2	2-2	

Rainbow Trout >=200mm	Jun 29, 2017	3	3-3	RB2
	Jul 24, 2017	1	1-1	RB2

Site 1814

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jun 29, 2017	27	27-27	
	Jul 24, 2017	31	31-31	
	Aug 23, 2017	126	126-126	
Brown Trout >=200mm	Jun 29, 2017	114	114-114	BR1
	Jul 24, 2017	54	54-54	BR1
	Aug 23, 2017	54	54-54	BR1
Rainbow Trout <200mm	Jun 29, 2017	2	2-2	
	Jul 24, 2017	4	4-4	
	Aug 23, 2017	12	12-12	
Rainbow Trout >=200mm	Jun 29, 2017	14	14-14	RB1
	Jul 24, 2017	5	5-5	RB2
	Aug 23, 2017	3	3-3	RB2

Site 1831

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Sep 19, 2017	1	1-1	
Brown Trout <200mm	May 22, 2017	74	49-117	
	Jun 14, 2017	116	51-270	
	Jul 17, 2017	41	29-67	
	Aug 14, 2017	27	20-45	
	Sep 19, 2017	42	36-53	
Brown Trout >=200mm	May 22, 2017	41	40-45	BR1
	Jun 14, 2017	29	29-30	BR2
	Jul 17, 2017	15	15-17	BR2
	Aug 14, 2017	9	9-11	BR2
	Sep 19, 2017	6	6-8	BR2
Rainbow Trout <200mm	Jul 17, 2017	5	5-5	
	Aug 14, 2017	4	4-4	
	Sep 19, 2017	7	7-9	
Rainbow Trout >=200mm	May 22, 2017	1	1-1	RB2

Rainbow Trout >=200mm	Jun 14, 2017	1	1-1	RB2
	Sep 19, 2017	1	1-2	RB2

Site 1851

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Jun 28, 2017	1	1-1	
	Jul 25, 2017	3	3-3	
Brook Trout >=200mm	Jun 28, 2017	3	3-3	BK3
Brown Trout <200mm	Jun 28, 2017	31	31-31	
	Jul 25, 2017	21	21-21	
	Aug 24, 2017	37	37-37	
Brown Trout >=200mm	Jun 28, 2017	357	357-357	BR1
	Jul 25, 2017	150	150-150	BR1
	Aug 24, 2017	143	143-143	BR1
Lake Trout >=200mm	Jun 28, 2017	2	2-2	
	Jul 25, 2017	1	1-1	
Rainbow Trout >=200mm	Jun 28, 2017	39	39-39	RB1

Rainbow Trout >=200mm	Jul 25, 2017	11	11-11	RB1
	Aug 24, 2017	14	14-14	RB1

Site 1930

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jul 20, 2016	14	14-16	
	Oct 05, 2016	17	16-21	
	Jul 26, 2017	20	21-27	
	Oct 10, 2017	34	34-36	
Brown Trout >=200mm	Jul 20, 2016	2	2-3	BR3
	Oct 05, 2016	11	11-12	BR2
	Jul 26, 2017	7	7-9	BR2
	Oct 10, 2017	22	22-22	BR2
Rainbow Trout <200mm	Jul 20, 2016	1	1-2	
	Oct 05, 2016	4	4-6	
	Oct 10, 2017	33	25-51	
Rainbow Trout >=200mm	Jul 20, 2016	3	3-3	RB2

Rainbow Trout >=200mm	Oct 05, 2016	12	12-13	RB1
	Oct 10, 2017	7	7-7	RB1

Site 1936

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout >=200mm	Oct 05, 2016	1	1-2	BK3
Brown Trout <200mm	Jun 27, 2012	29	29-31	
	Jul 20, 2016	39	38-42	
	Oct 05, 2016	16	16-17	
	Jul 26, 2017	58	34-112	
	Oct 10, 2017	46	46-47	
Brown Trout >=200mm	Jun 27, 2012	10	10-10	BR2
	Jul 20, 2016	20	20-22	BR2
	Oct 05, 2016	6	6-7	BR3
	Jul 26, 2017	8	8-10	BR2
	Oct 10, 2017	29	29-29	BR2
Rainbow Trout <200mm	Oct 10, 2017	49	42-61	

Rainbow Trout >=200mm	Jun 27, 2012	4	4-7	RB2
	Oct 05, 2016	7	7-8	RB1
	Oct 10, 2017	6	6-6	RB2
Rock Bass	Jun 27, 2012	7	7-9	
	Jul 20, 2016	3	3-4	
	Jul 26, 2017	3	3-5	
White Sucker	Jun 27, 2012	3	3-3	
	Jul 20, 2016	1	1-2	
	Jul 26, 2017	5	6-8	
	Oct 10, 2017	3	3-5	

Site 1949

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Jul 20, 2016	30	30-31	
	Oct 06, 2016	47	45-51	
	Jul 26, 2017	31	28-38	
	Oct 10, 2017	43	40-50	

Brown Trout >=200mm	Jul 20, 2016	9	9-10	BR2
	Oct 06, 2016	6	6-6	BR2
	Jul 26, 2017	10	10-12	BR2
	Oct 10, 2017	15	15-17	BR2
Rainbow Trout <200mm	Jul 20, 2016	1	1-1	
	Oct 06, 2016	1	1-1	
	Oct 10, 2017	17	17-19	
Rainbow Trout >=200mm	Oct 10, 2017	1	1-1	RB2
Rock Bass	Jul 20, 2016	3	3-4	
	Jul 26, 2017	2	2-2	
White Sucker	Oct 06, 2016	1	1-1	

Site 1952

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Aug 05, 2013	1	1-1	
Brown Trout <200mm	Jun 27, 2012	42	40-47	
	Aug 05, 2013	52	52-54	

Brown Trout <200mm	Jul 20, 2016	43	43-44	
	Oct 05, 2016	104	101-109	
	Jul 26, 2017	37	35-42	
	Oct 16, 2017	68	66-73	
Brown Trout >=200mm	Jun 27, 2012	18	18-20	BR2
	Aug 05, 2013	16	16-17	BR2
	Jul 20, 2016	31	29-36	BR1
	Oct 05, 2016	42	42-44	BR1
	Jul 26, 2017	20	20-21	BR2
	Oct 16, 2017	32	32-33	BR1
Largemouth Bass	Jun 27, 2012	1	1-1	
	Jul 26, 2017	2	2-2	
Rainbow Trout <200mm	Jun 27, 2012	4	4-7	
	Aug 05, 2013	1	1-5	
	Jul 20, 2016	2	2-4	
	Oct 05, 2016	2	2-2	

Rainbow Trout <200mm	Jul 26, 2017	10	8-19	
Rainbow Trout >=200mm	Jun 27, 2012	6	6-6	RB1
	Aug 05, 2013	14	14-14	RB1
	Jul 20, 2016	1	1-1	RB2
	Oct 05, 2016	6	6-7	RB1
	Jul 26, 2017	49	10-493	RB1
	Oct 16, 2017	4	4-4	RB2
Rock Bass	Jun 27, 2012	1	1-1	
	Aug 05, 2013	9	9-9	
	Jul 20, 2016	5	5-6	
	Oct 05, 2016	2	2-6	
	Jul 26, 2017	5	5-5	
White Sucker	Jul 26, 2017	4	4-4	
	Oct 16, 2017	4	4-7	

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Jun 28, 2012	2	2-3	
	Jul 21, 2016	1	2-2	
Brown Trout <200mm	Jun 28, 2012	35	31-44	
	Aug 06, 2013	57	52-66	
	Jul 21, 2016	64	59-72	
	Oct 06, 2016	89	71-112	
	Jul 26, 2017	103	91-117	
	Oct 16, 2017	120	113-129	
Brown Trout >=200mm	Jun 28, 2012	37	35-42	BR1
	Aug 06, 2013	14	14-16	BR2
	Jul 21, 2016	29	28-32	BR2
	Oct 06, 2016	31	31-31	BR2
	Jul 26, 2017	20	20-20	BR2
	Oct 16, 2017	22	22-22	BR2
Rainbow Trout <200mm	Jun 28, 2012	1	1-1	

Rainbow Trout <200mm	Oct 16, 2017	38	36-43	
Rainbow Trout >=200mm	Jun 28, 2012	11	10-16	RB1
	Aug 06, 2013	41	37-49	RB1
	Oct 06, 2016	2	2-2	RB2
	Jul 26, 2017	1	1-1	RB2
Rock Bass	Aug 06, 2013	5	5-7	
	Jul 21, 2016	2	2-2	
White Sucker	Jun 28, 2012	2	2-6	
	Aug 06, 2013	2	2-4	

Site 2100

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Jul 13, 2012	1	1-1	
	Aug 01, 2013	1	1-1	
Brown Trout <200mm	Jul 13, 2012	68	65-74	
	Aug 01, 2013	68	64-75	
	Jul 30, 2014	53	50-59	

Brown Trout <200mm	Jul 18, 2016	75	70-83	
	Jul 11, 2017	44	43-47	
Brown Trout >=200mm	Jul 13, 2012	13	13-13	BR2
	Aug 01, 2013	23	23-24	BR1
	Jul 30, 2014	14	14-14	BR2
	Jul 18, 2016	20	20-20	BR2
	Jul 11, 2017	15	15-17	BR2

Site 2133

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Aug 21, 2012	2	2-2	
Brook Trout >=200mm	Aug 21, 2012	1	1-1	BK3
Brown Trout <200mm	Aug 21, 2012	60	51-74	
	Jul 30, 2014	13	13-14	
	Jul 18, 2016	32	31-35	
	Jul 11, 2017	23	23-25	
Brown Trout >=200mm	Aug 21, 2012	17	17-19	BR2

Brown Trout >=200mm	Jul 30, 2014	9	9-11	BR2
	Jul 18, 2016	17	17-17	BR2
	Jul 11, 2017	7	7-7	BR2

Site 2162

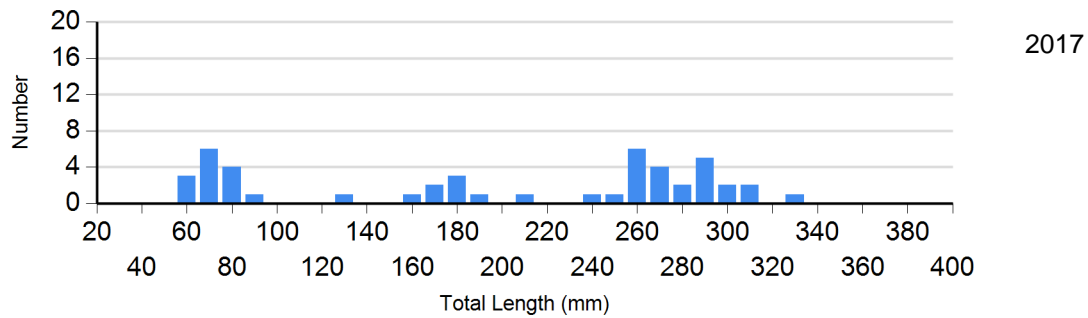
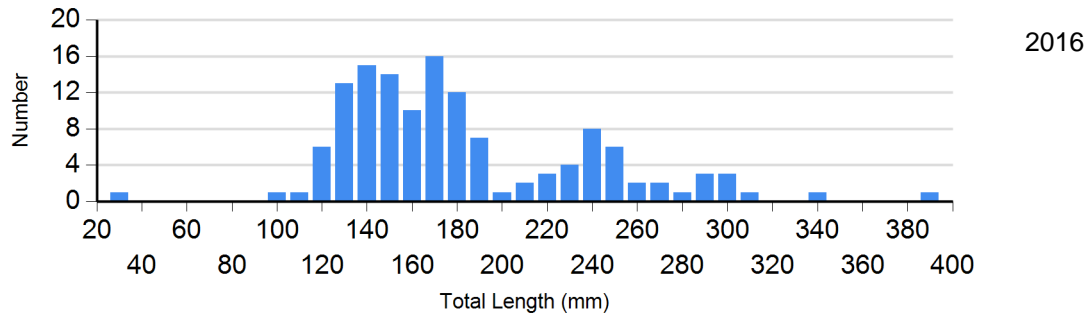
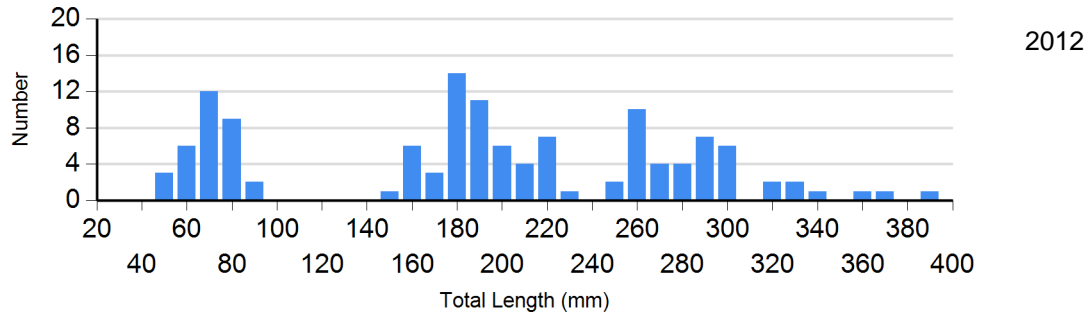
Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Aug 21, 2012	6	6-6	
	Aug 01, 2013	1	1-1	
Brown Trout <200mm	Aug 21, 2012	57	51-67	
	Aug 01, 2013	35	31-44	
	Jul 11, 2017	41	41-42	
Brown Trout >=200mm	Aug 21, 2012	19	19-19	BR2
	Aug 01, 2013	9	9-10	BR2
	Jul 11, 2017	8	8-9	BR2
Rainbow Trout <200mm	Aug 21, 2012	1	1-1	
White Sucker	Aug 21, 2012	2	2-3	

Length Frequency Distribution

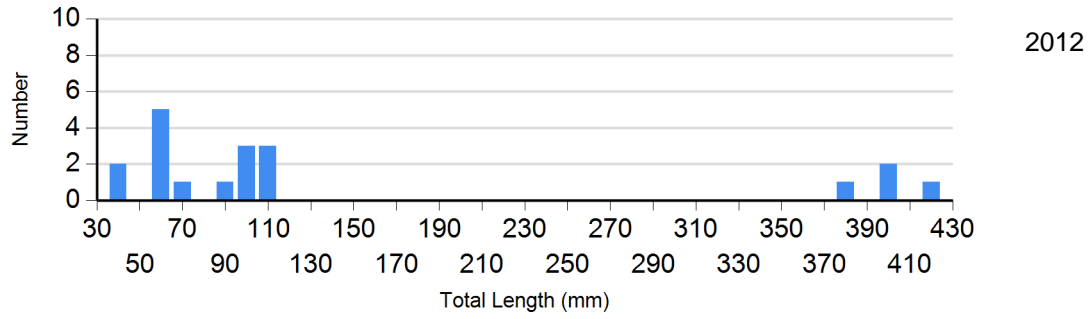
Length frequency histogram of species sampled by year.

Site: 1363

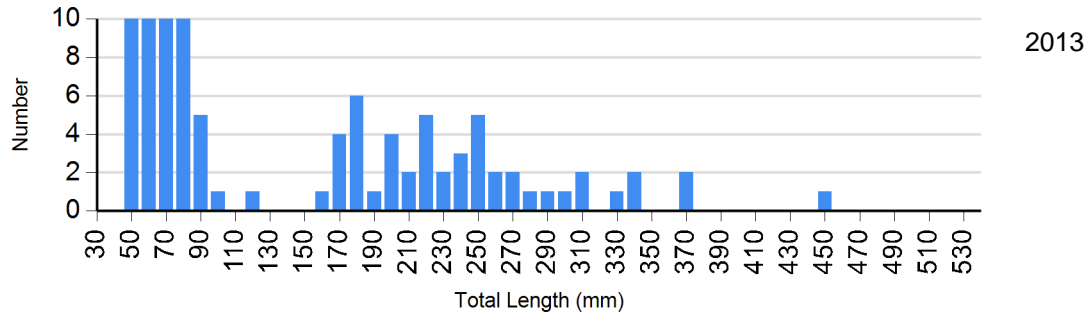
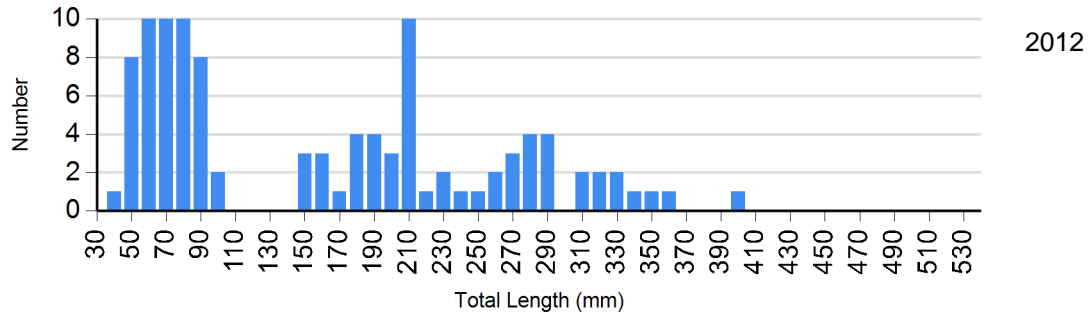
Species: Brown Trout

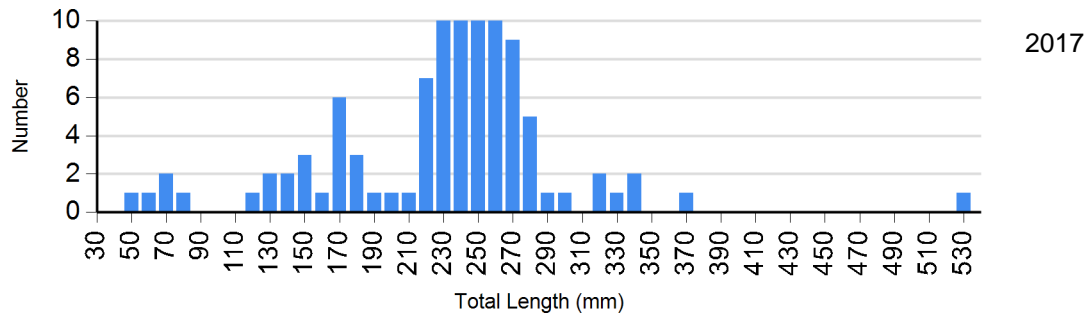


Site: 1363
Species: White Sucker

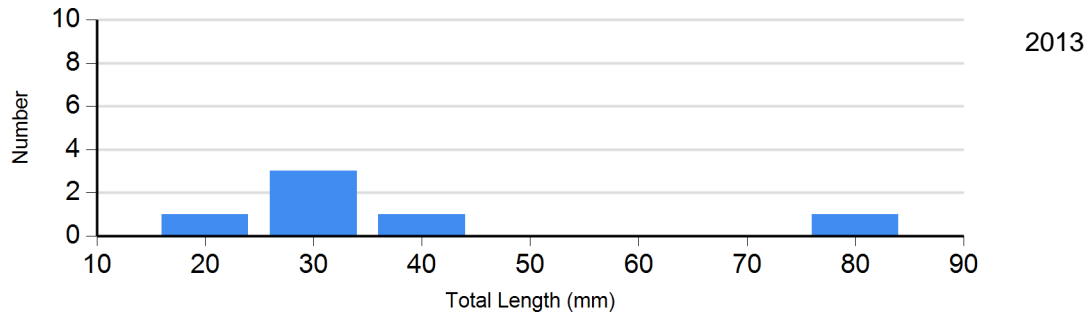


Site: 1383
Species: Brown Trout

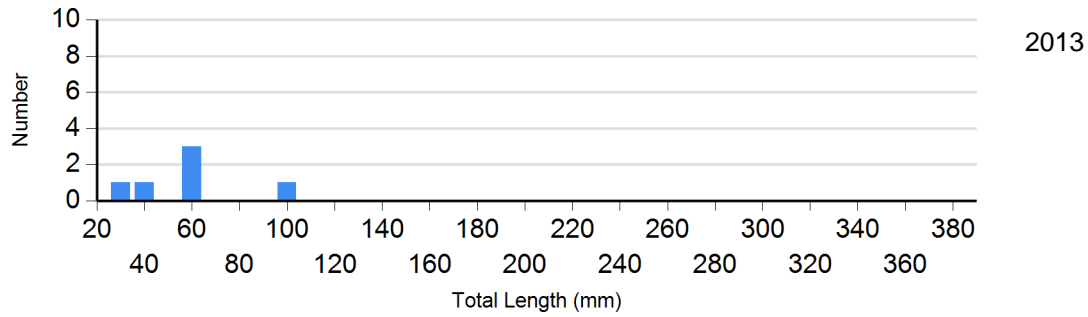




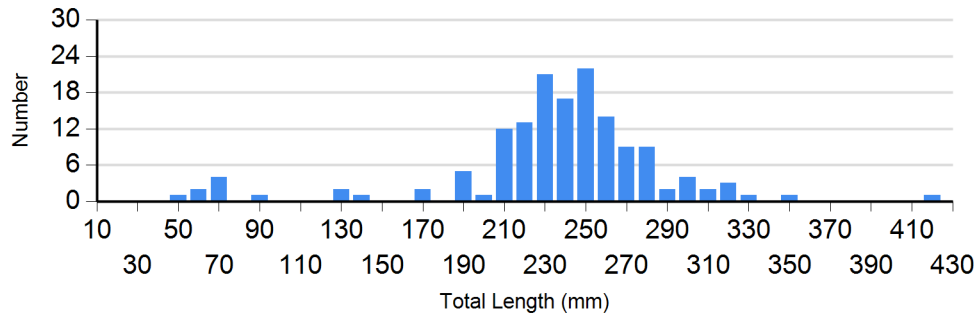
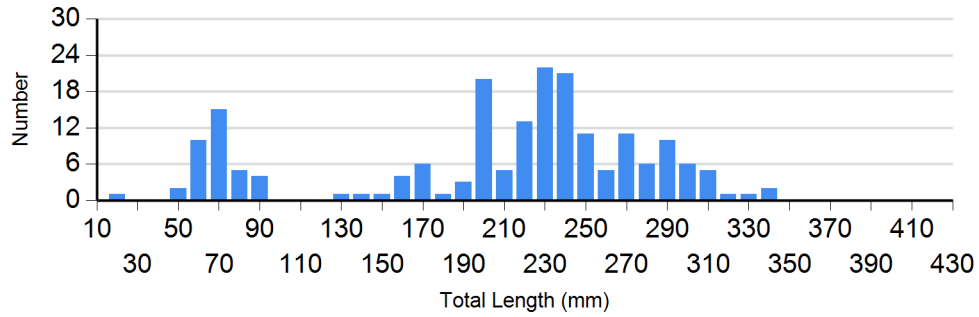
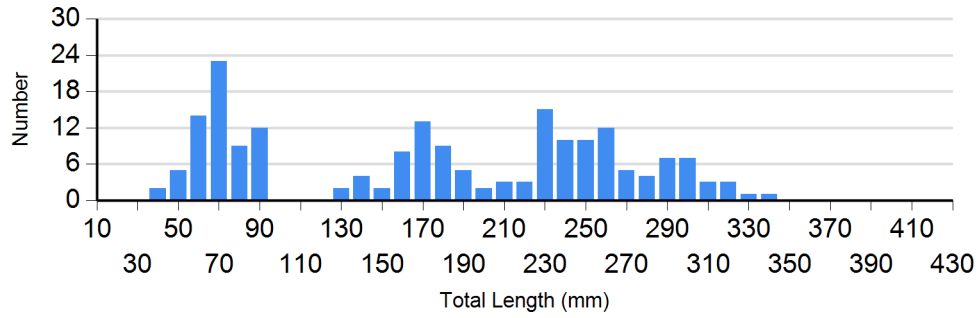
Site: 1383
Species: Longnose Dace



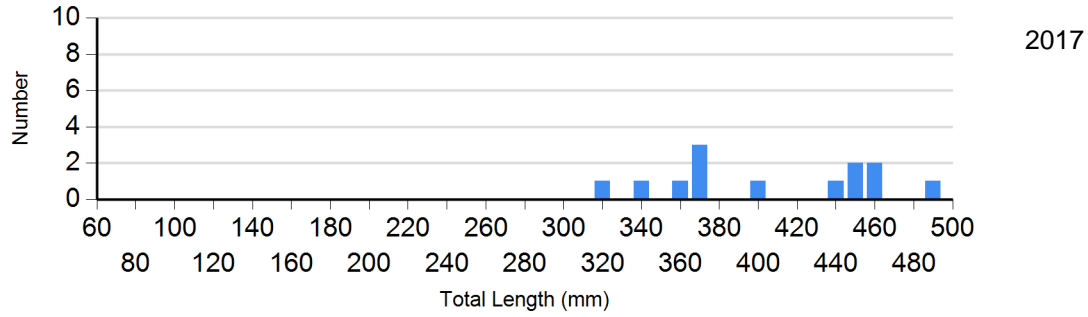
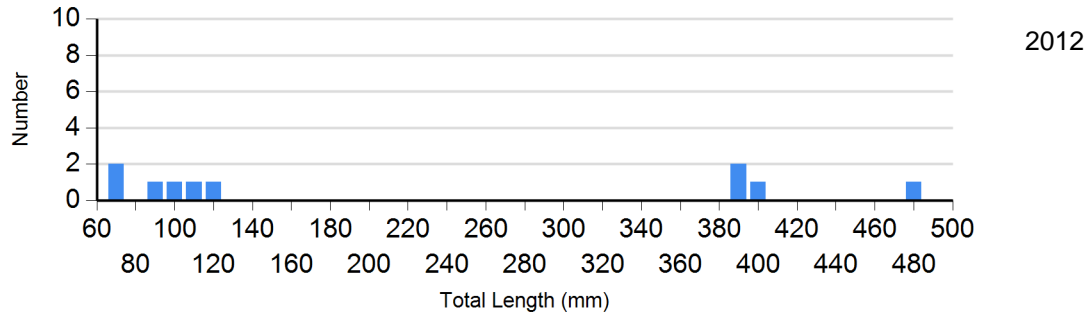
Site: 1383
Species: White Sucker



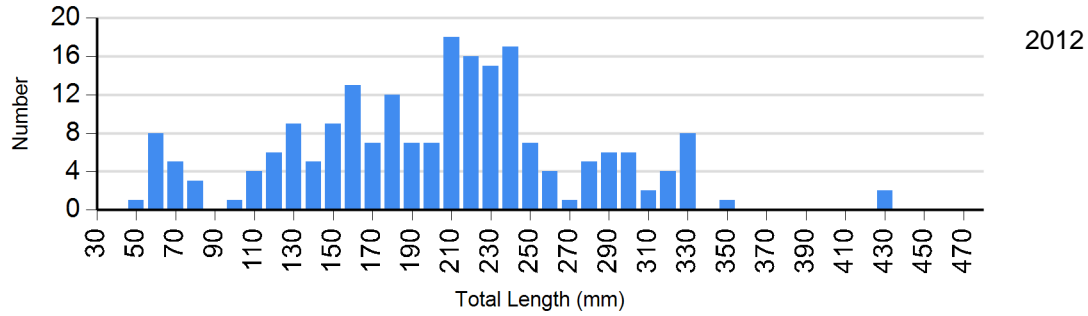
Site: 1420
Species: Brown Trout

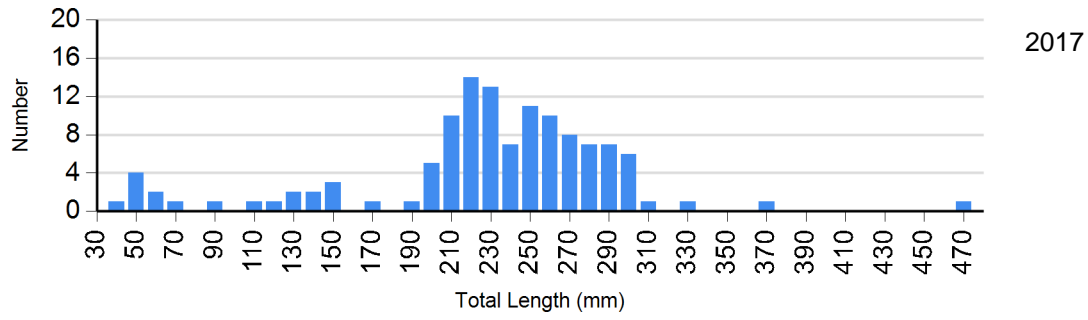
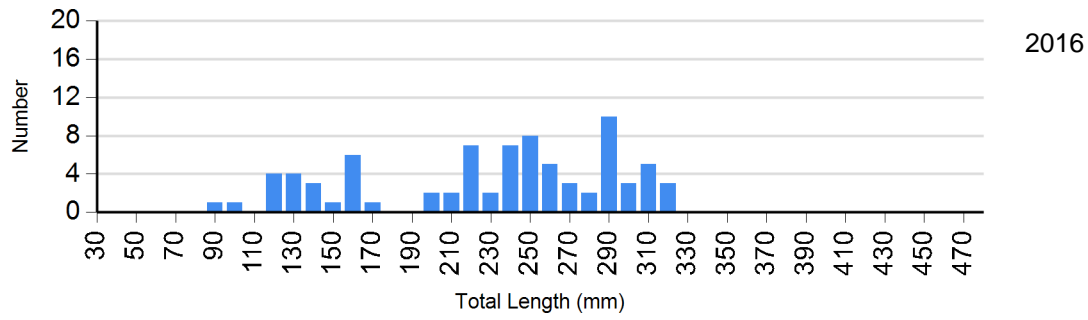


Site: 1420
Species: White Sucker

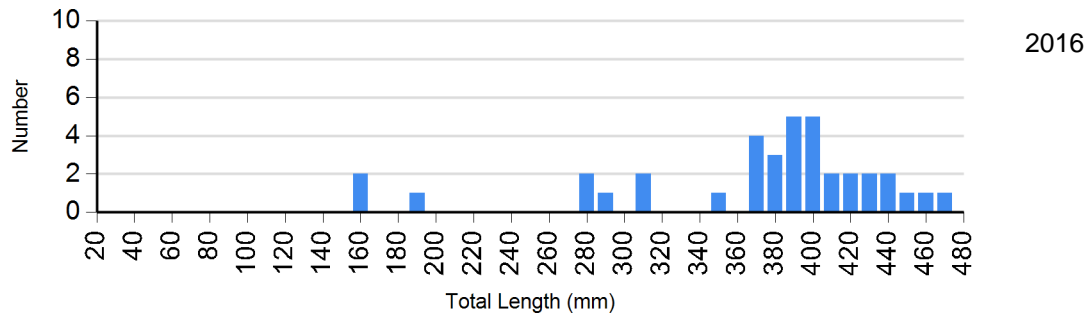
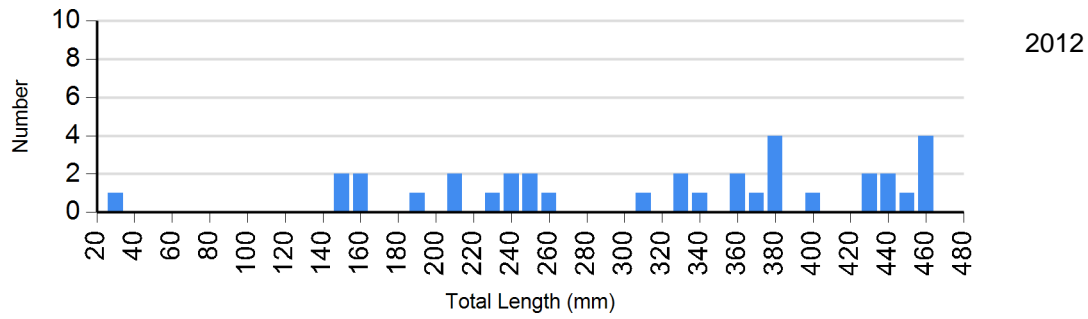


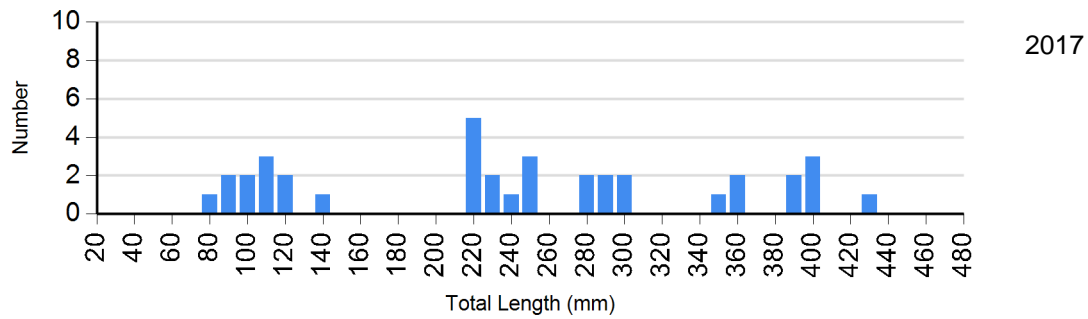
Site: 1434
Species: Brown Trout



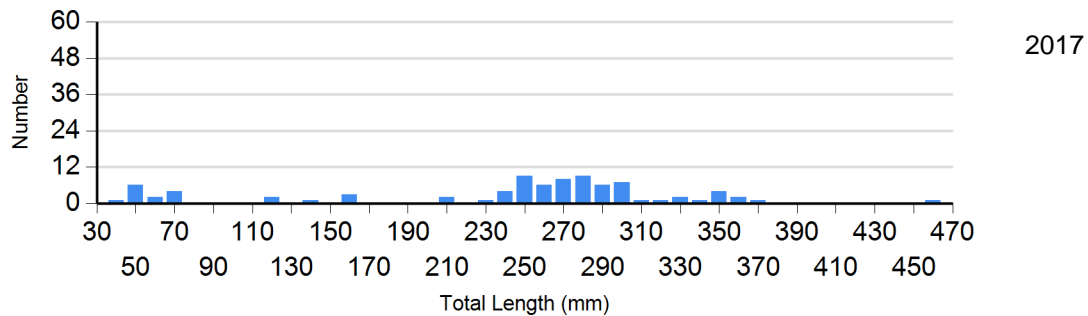
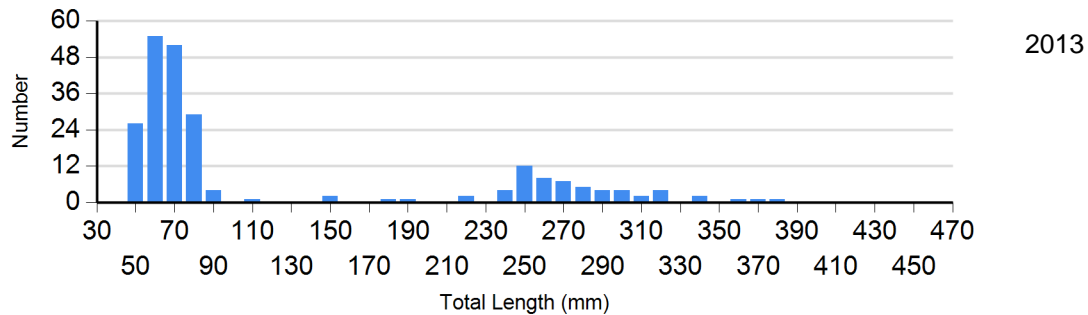
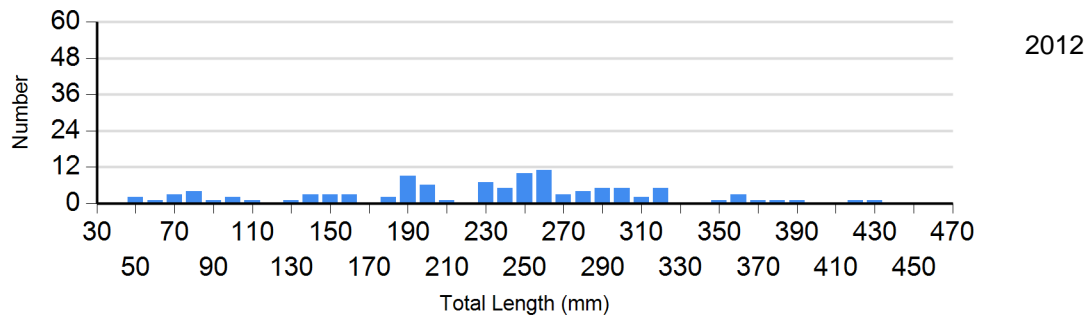


Site: 1434
Species: White Sucker

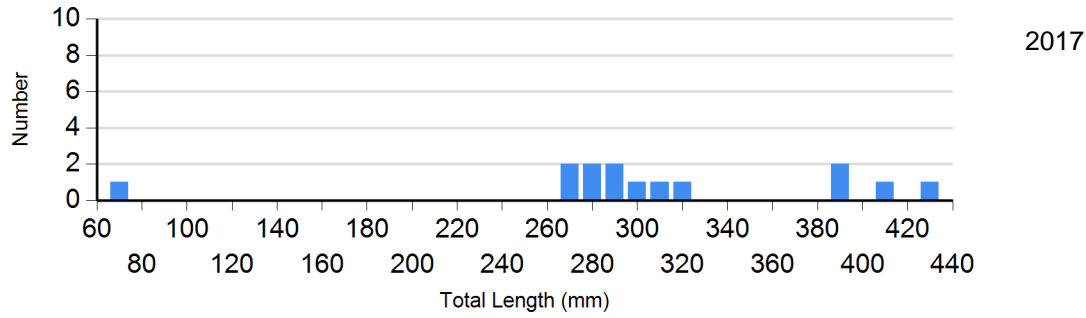




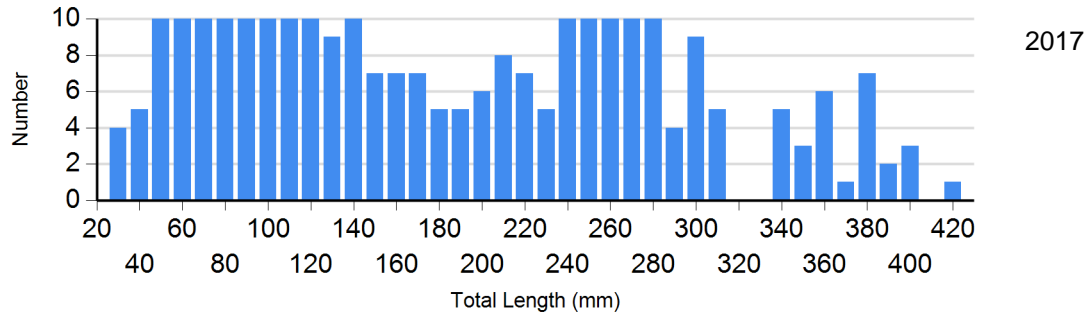
Site: 1444
Species: Brown Trout



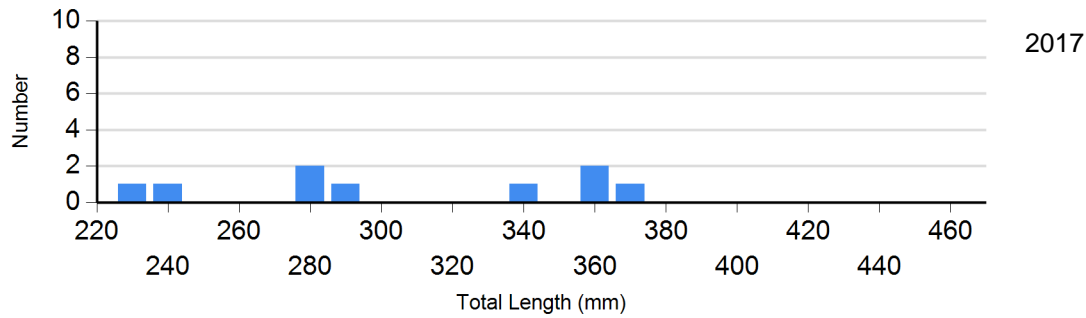
Site: 1449
Species: Brown Trout



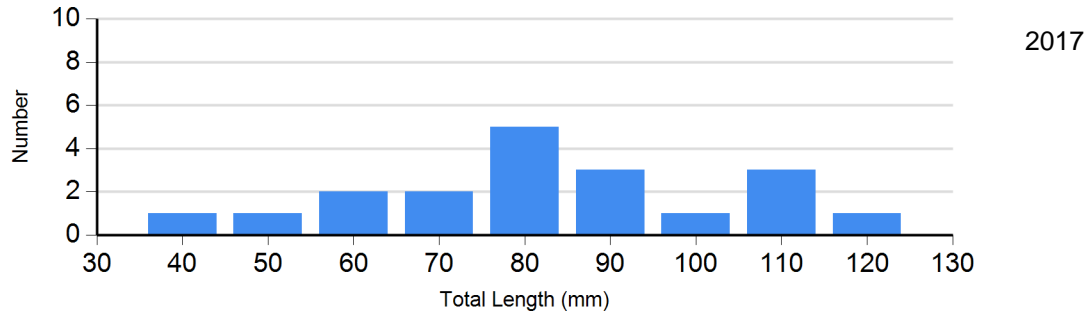
Site: 1487
Species: Brown Trout



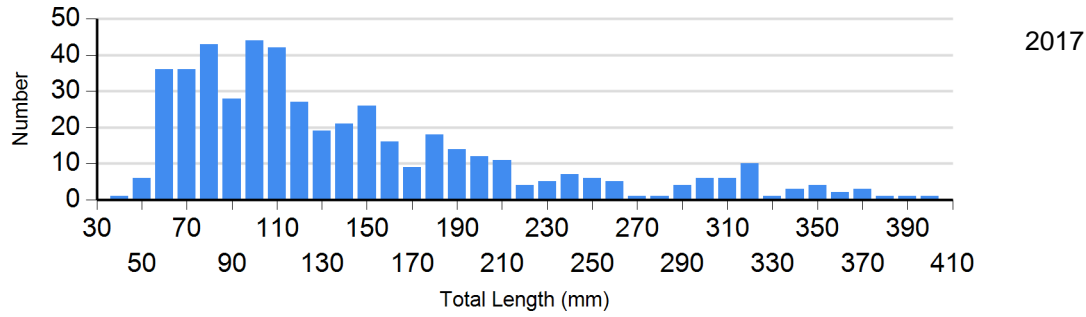
Site: 1487
Species: Rainbow Trout



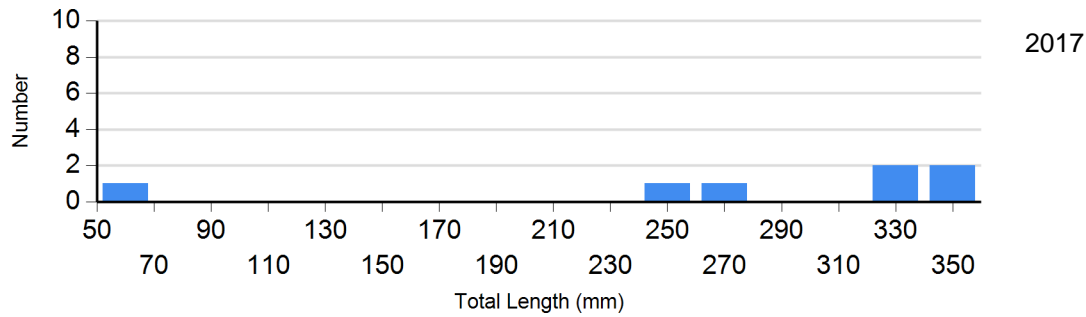
Site: 1487
Species: White Sucker



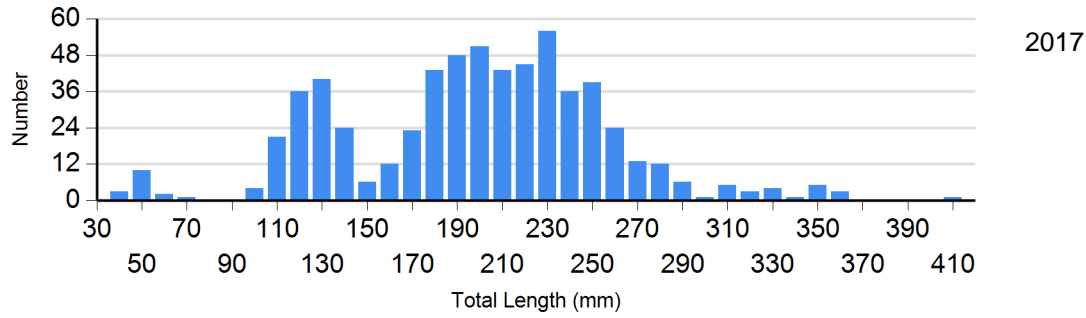
Site: 1615
Species: Brown Trout



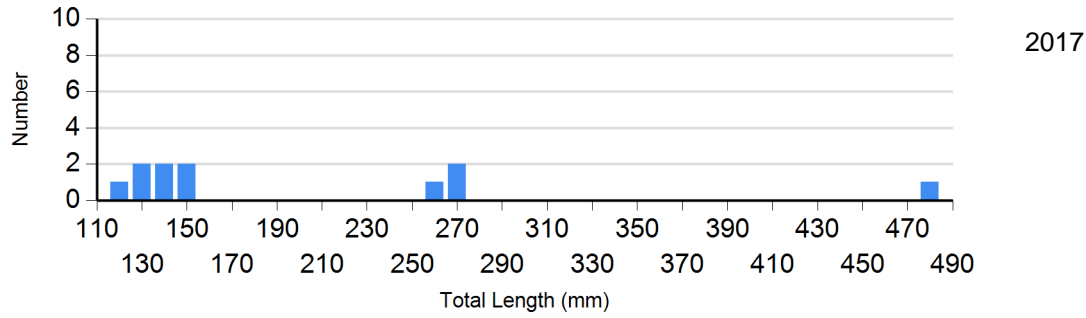
Site: 1615
Species: Rainbow Trout



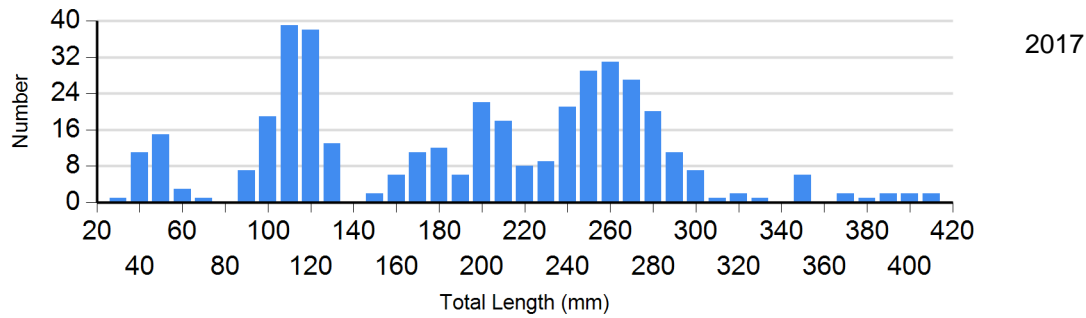
Site: 1657
Species: Brown Trout



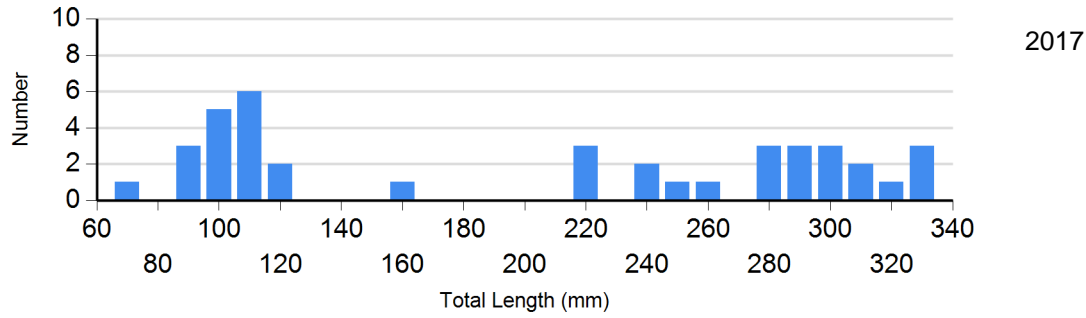
Site: 1657
Species: Rainbow Trout



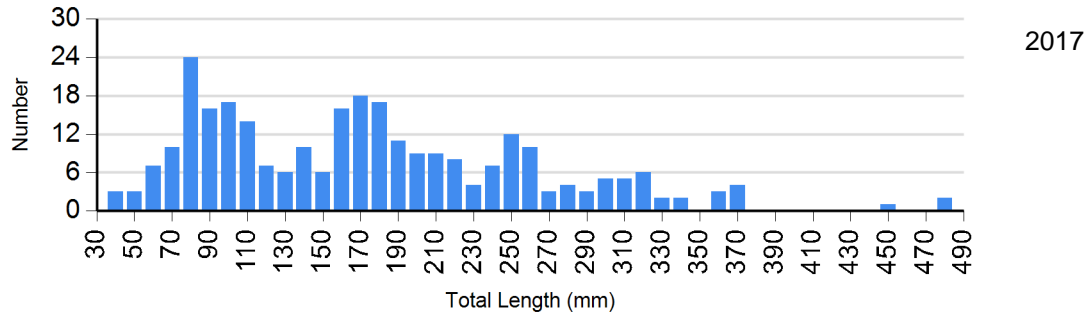
Site: 1814
Species: Brown Trout



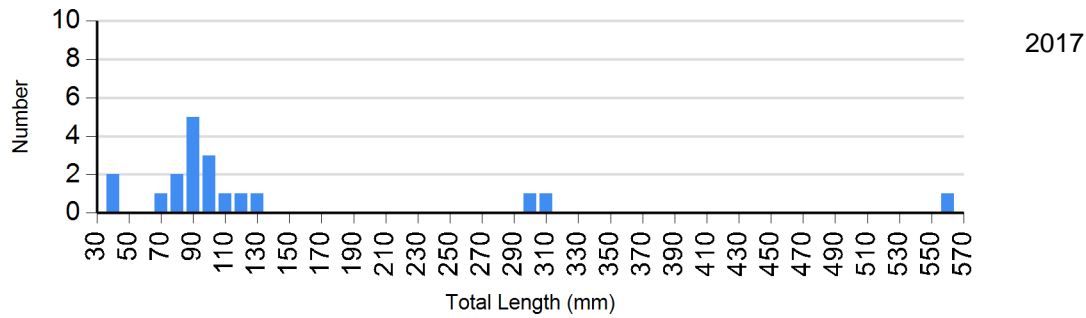
Site: 1814
Species: Rainbow Trout



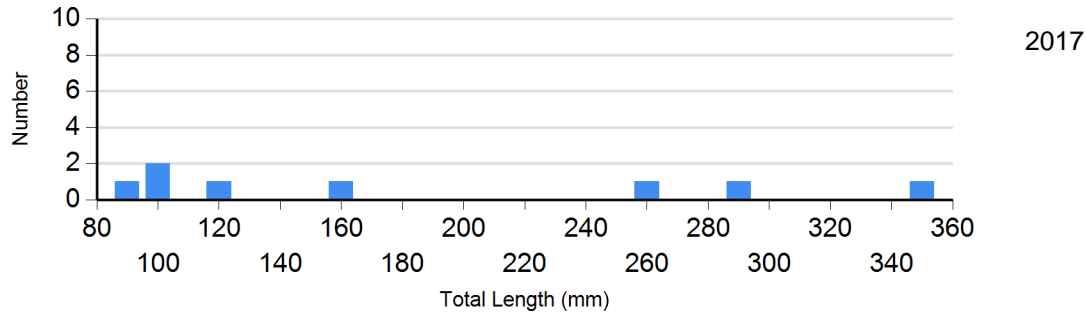
Site: 1831
Species: Brown Trout



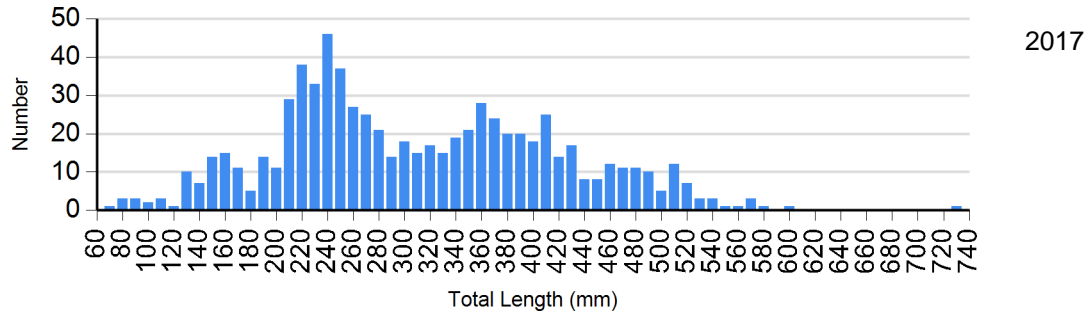
Site: 1831
Species: Rainbow Trout



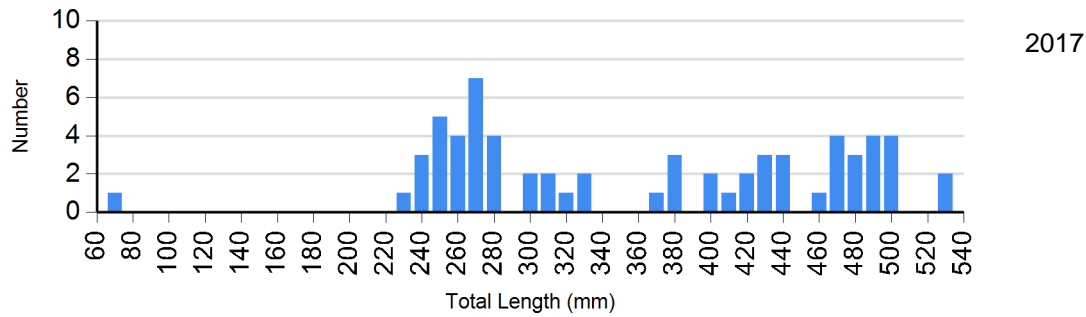
Site: 1851
Species: Brook Trout



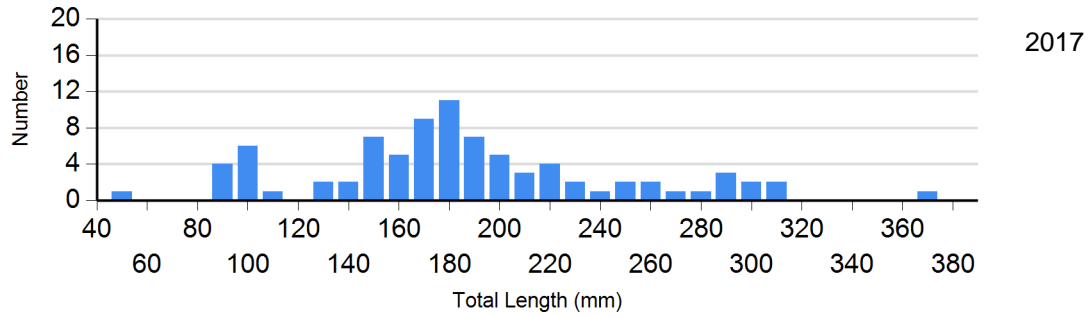
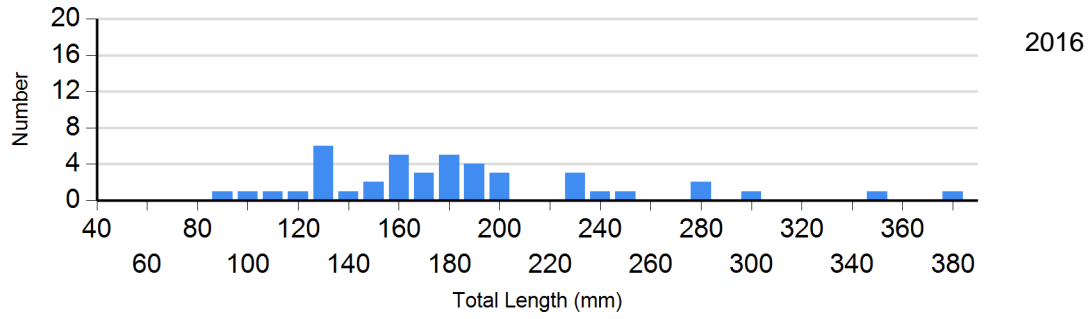
Site: 1851
Species: Brown Trout



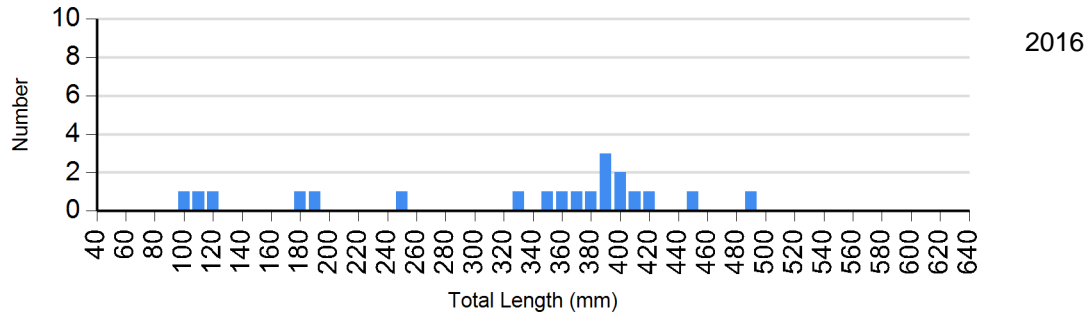
Site: 1851
Species: Rainbow Trout

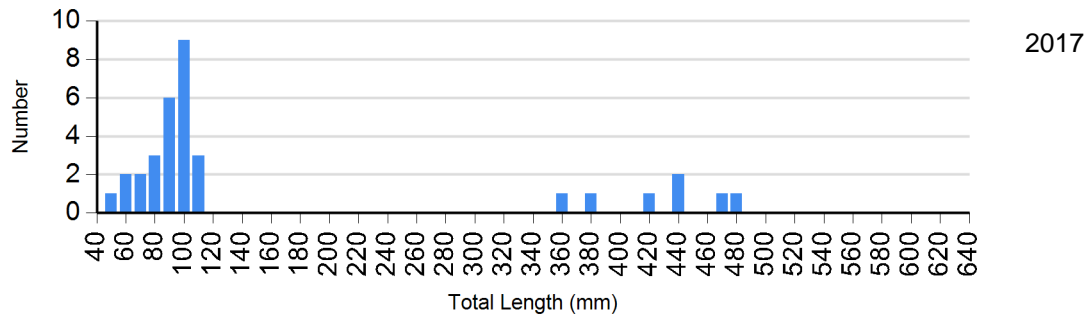


Site: 1930
Species: Brown Trout

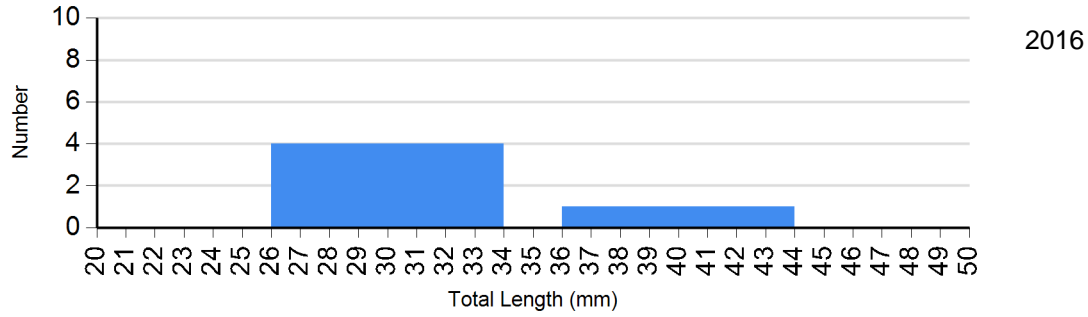


Site: 1930
Species: Rainbow Trout

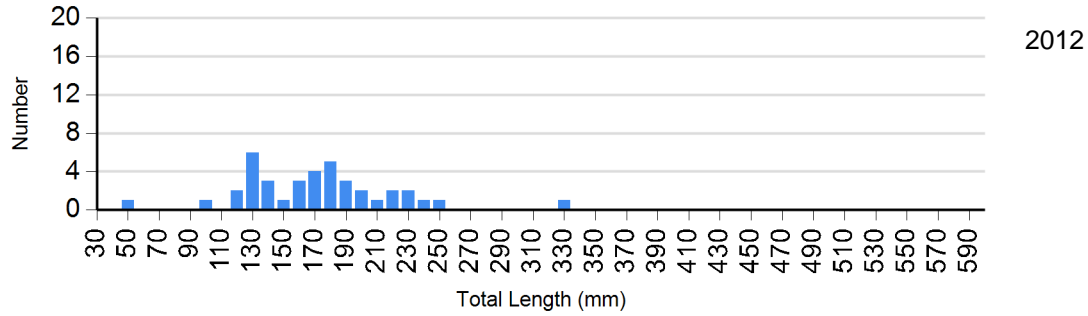


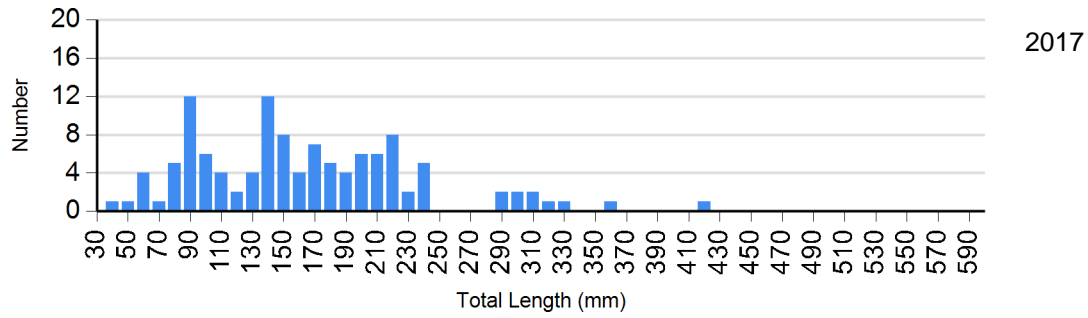
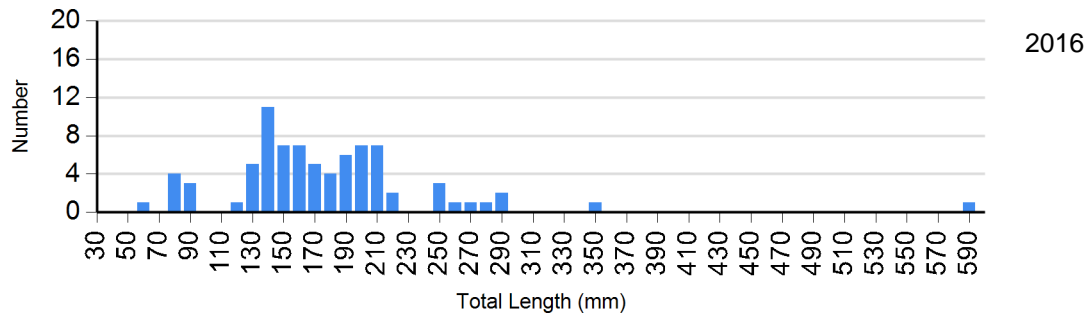


Site: 1930
Species: White Sucker

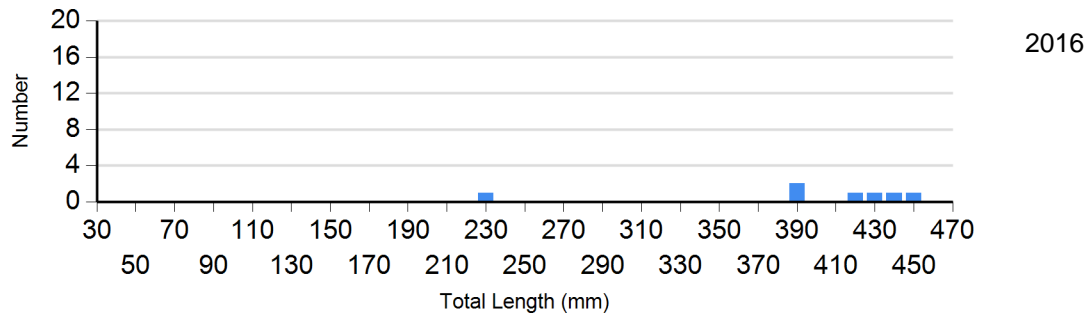
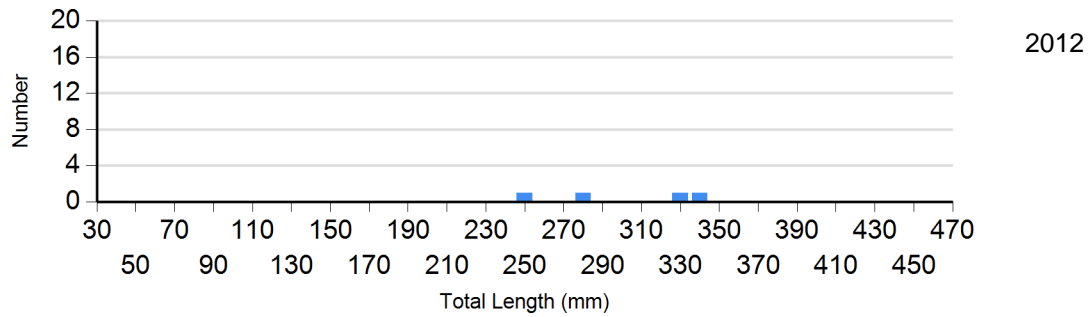


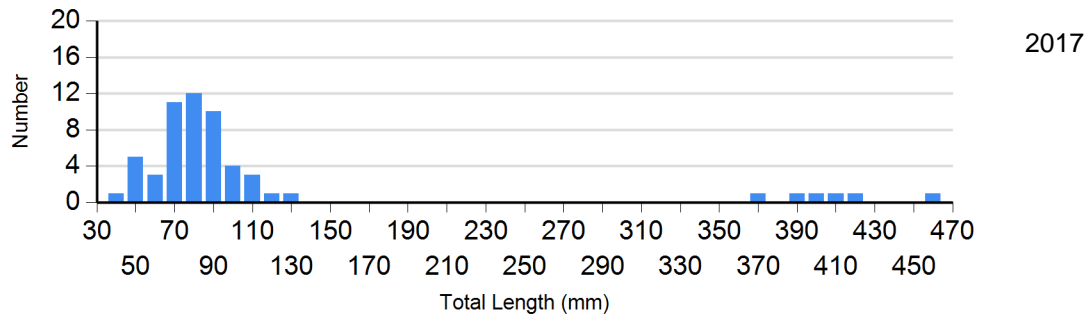
Site: 1936
Species: Brown Trout



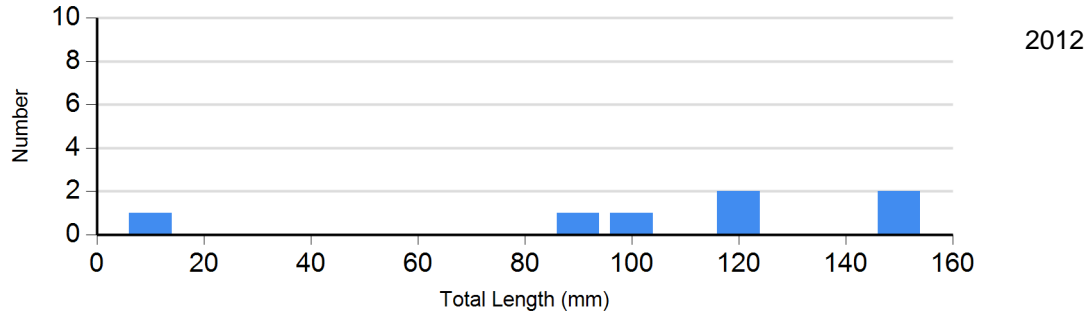


Site: 1936
Species: Rainbow Trout

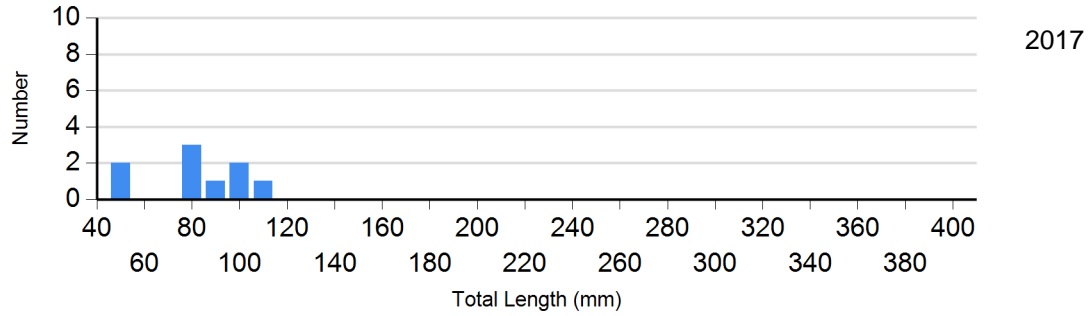




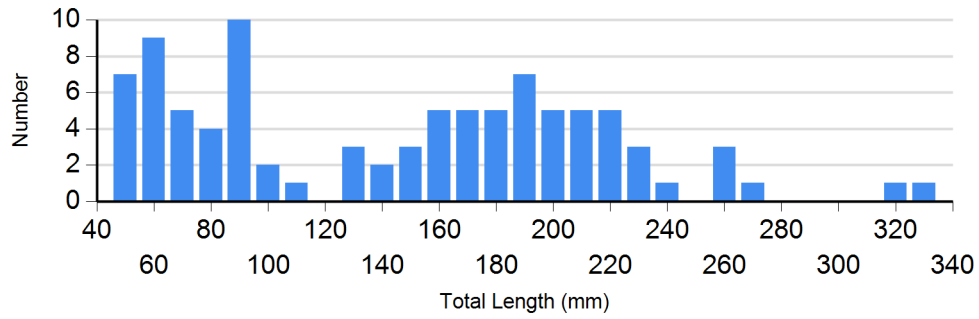
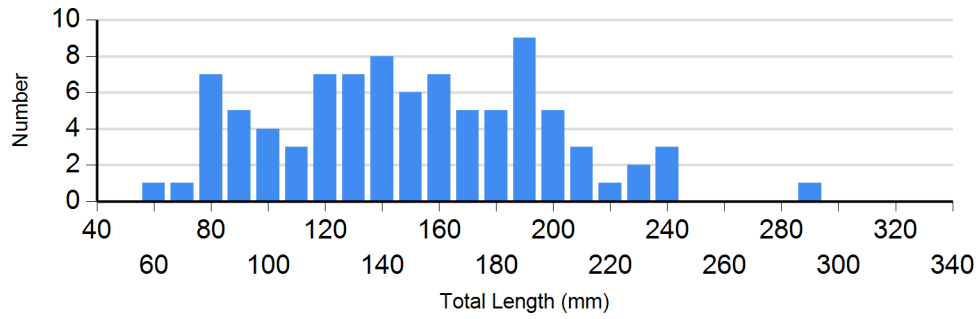
Site: 1936
Species: Rock Bass



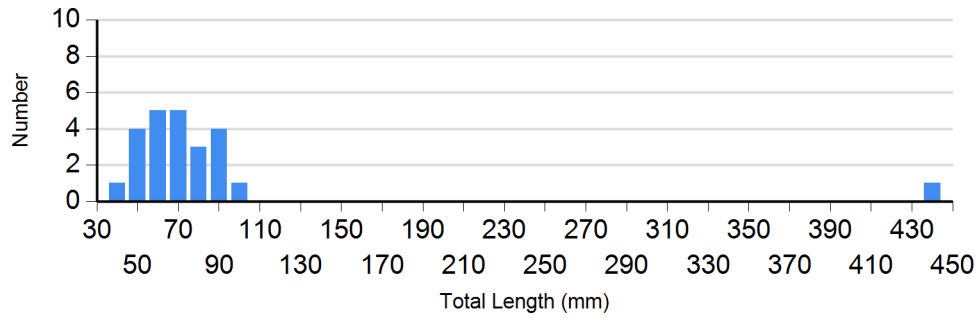
Site: 1936
Species: White Sucker



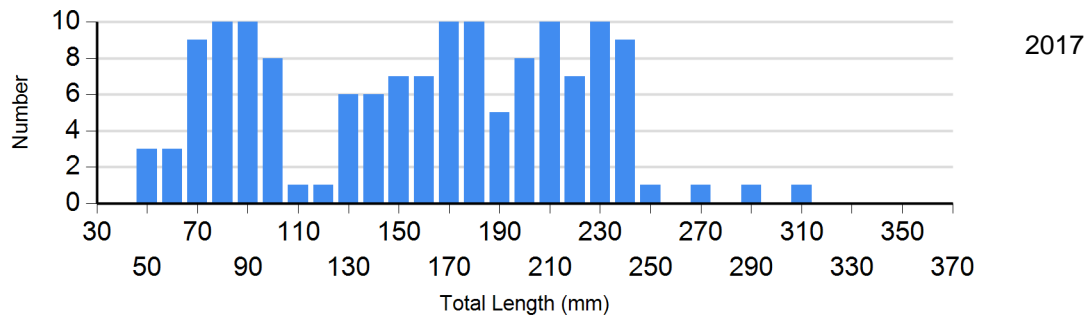
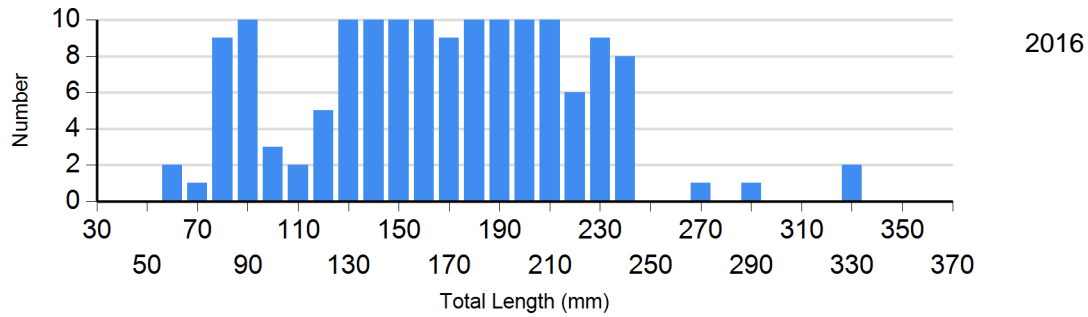
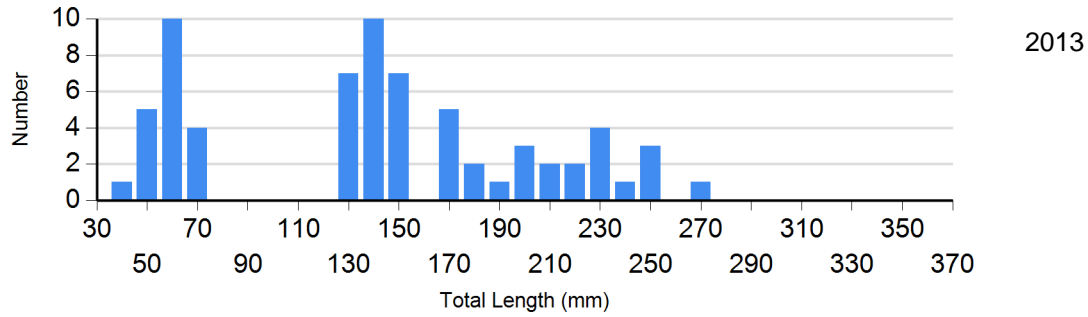
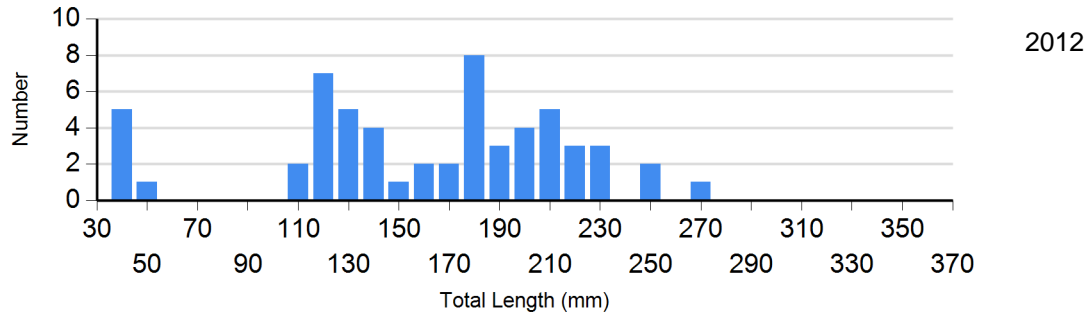
Site: 1949
Species: Brown Trout



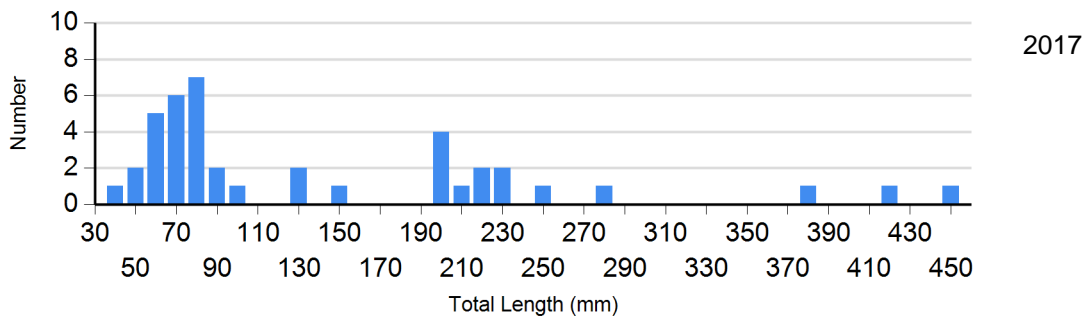
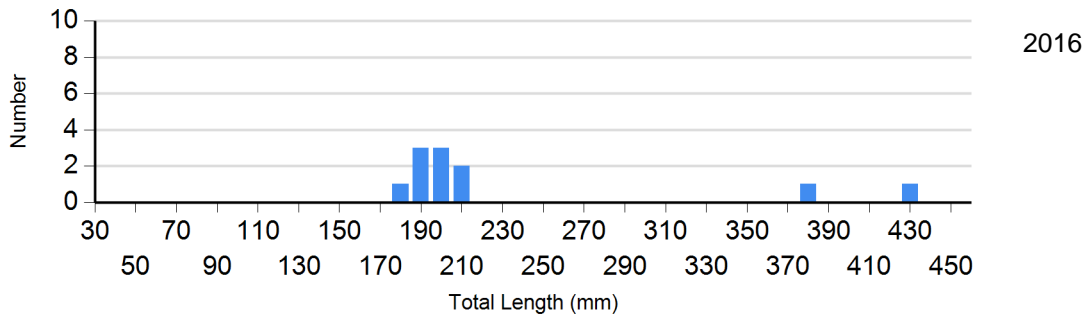
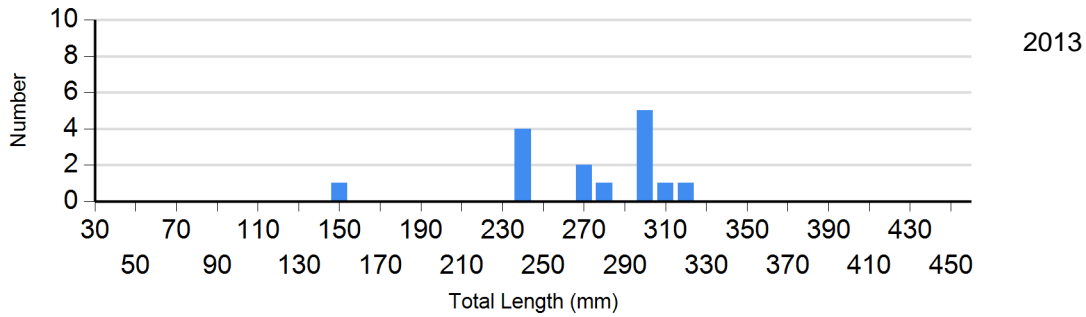
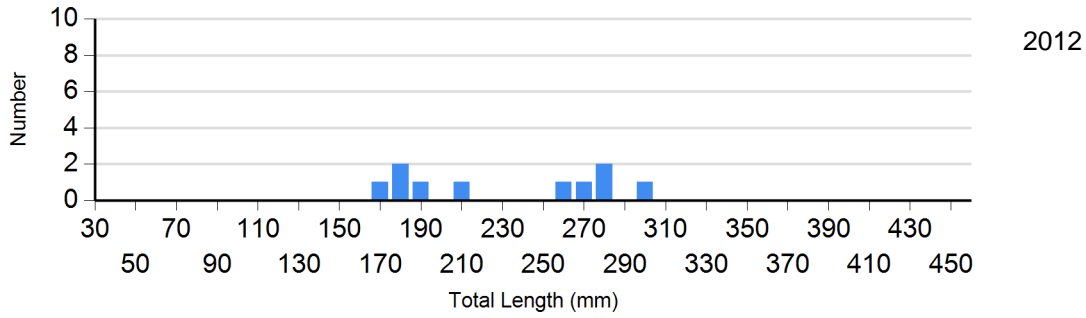
Site: 1949
Species: Rainbow Trout



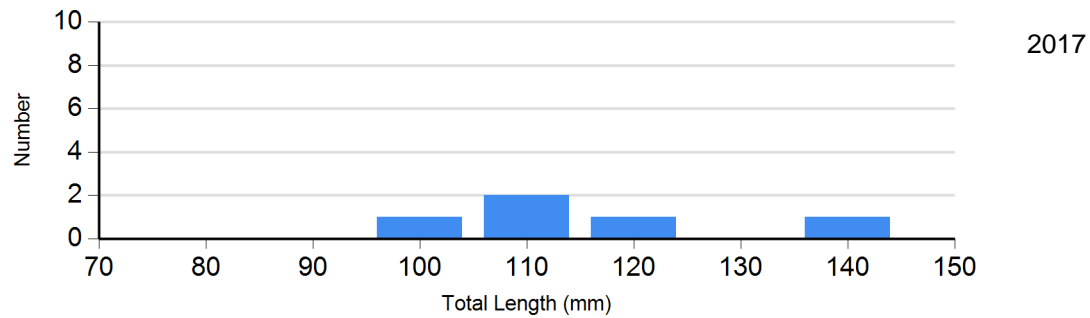
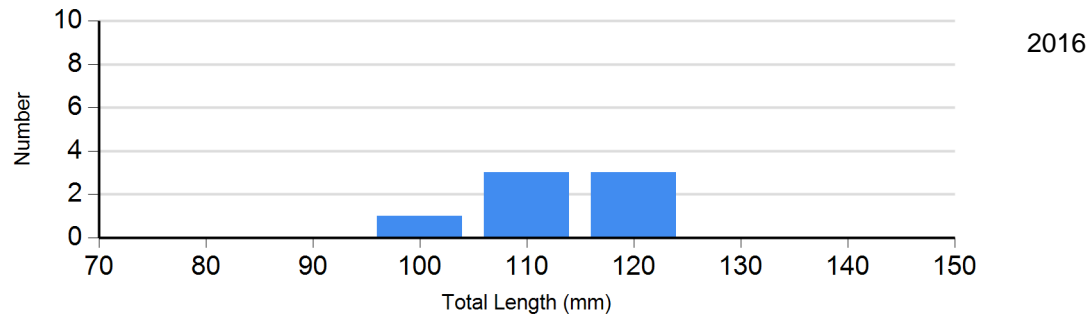
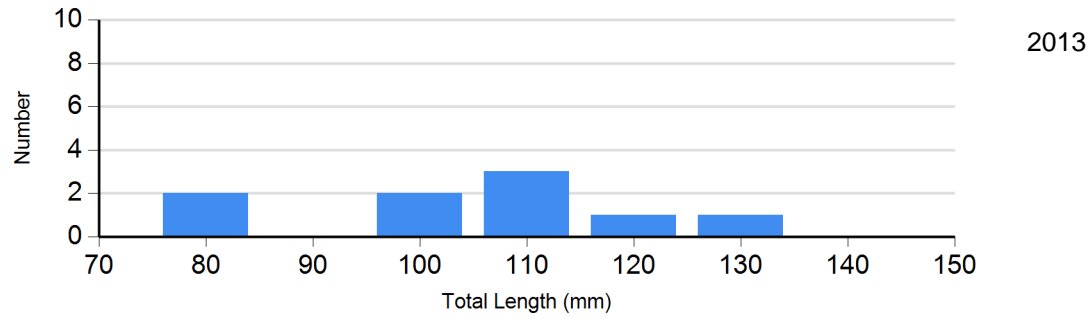
Site: 1952
Species: Brown Trout



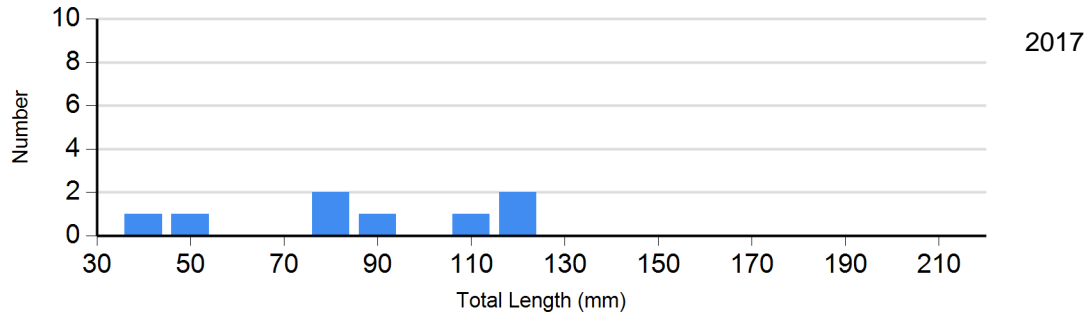
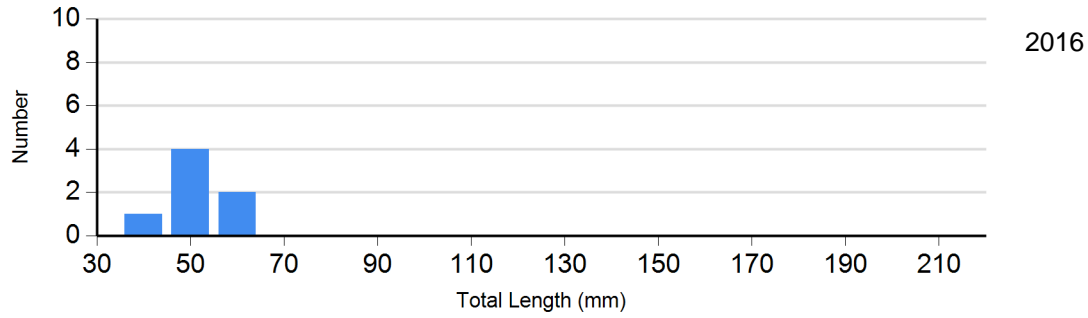
Site: 1952
Species: Rainbow Trout



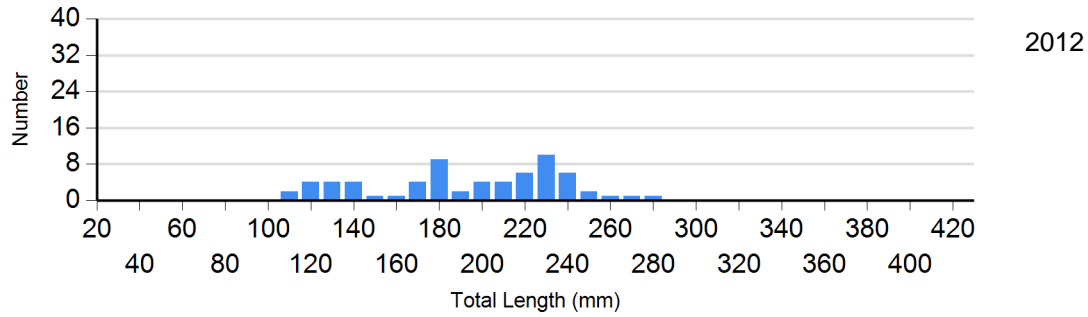
Site: 1952
Species: Rock Bass

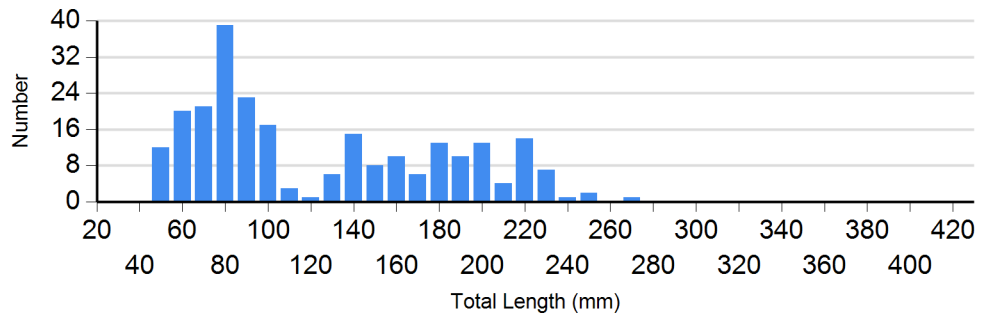
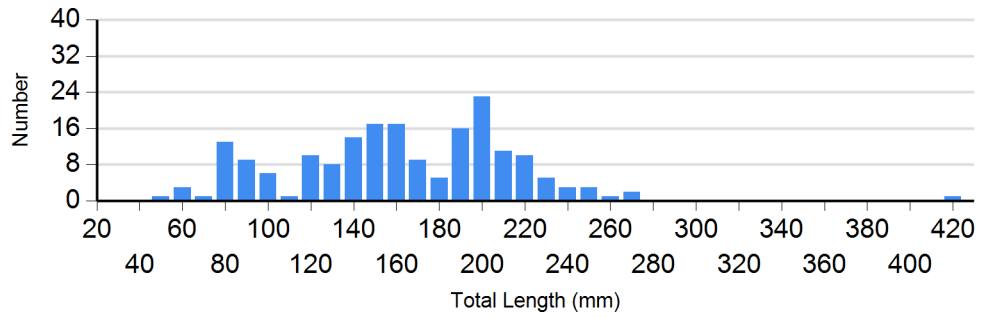
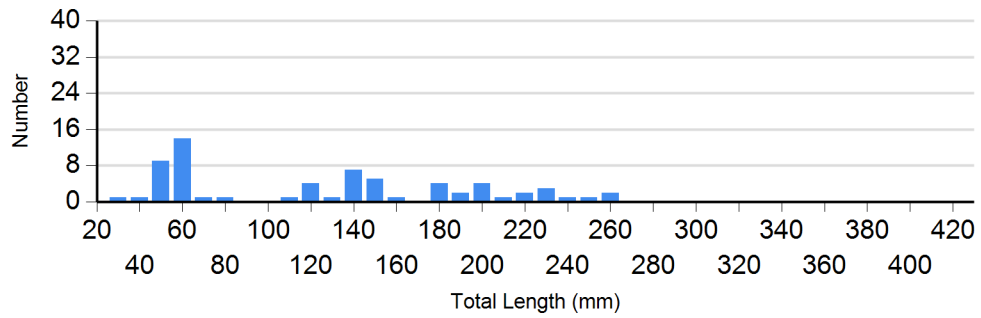


Site: 1952
Species: White Sucker

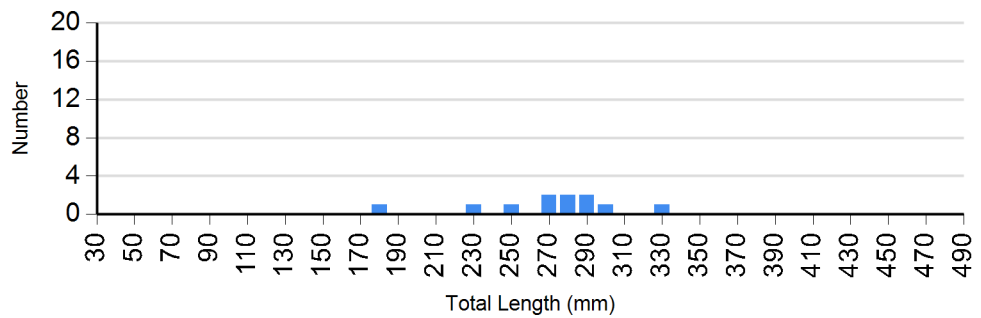


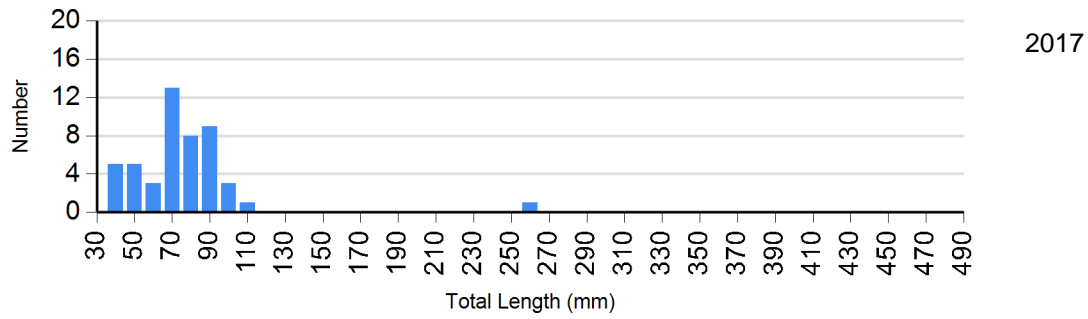
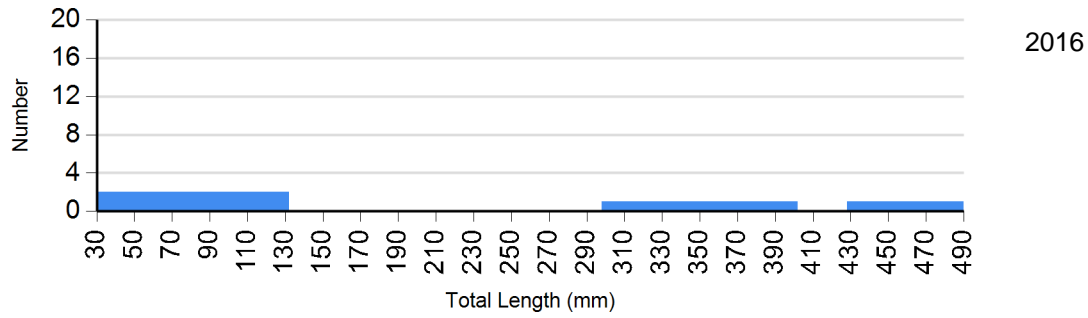
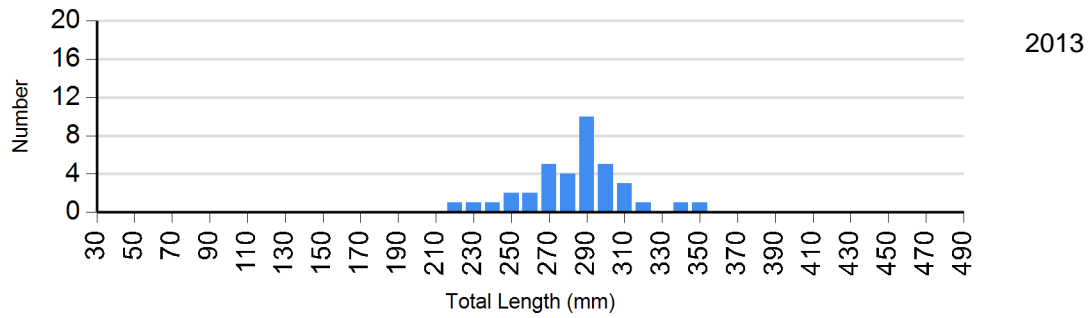
Site: 1965
Species: Brown Trout



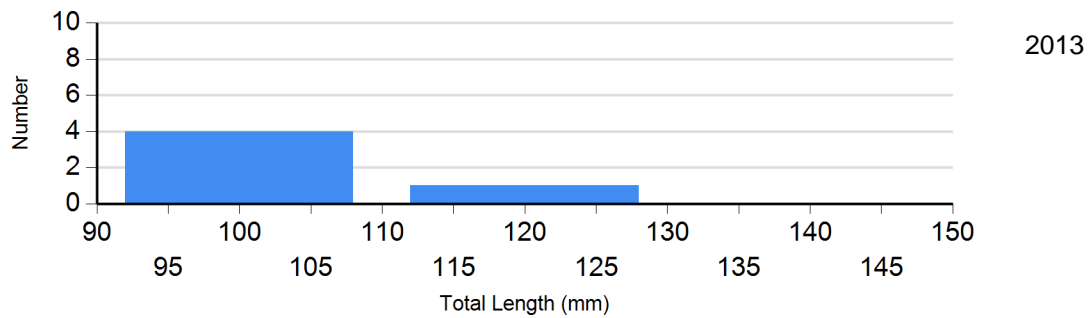


Site: 1965
Species: Rainbow Trout

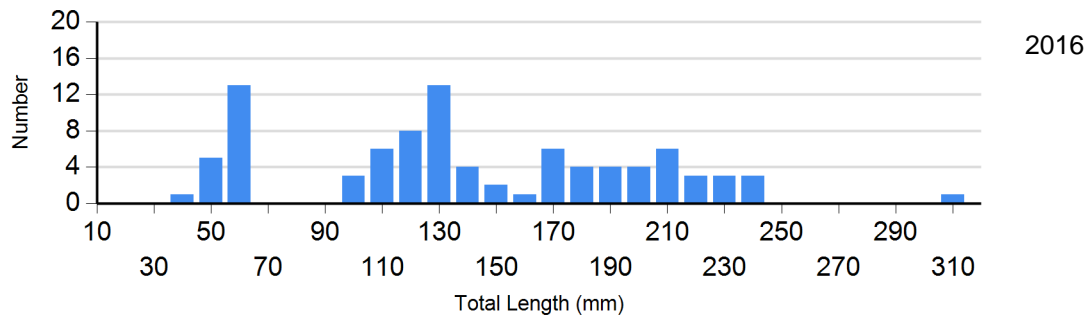
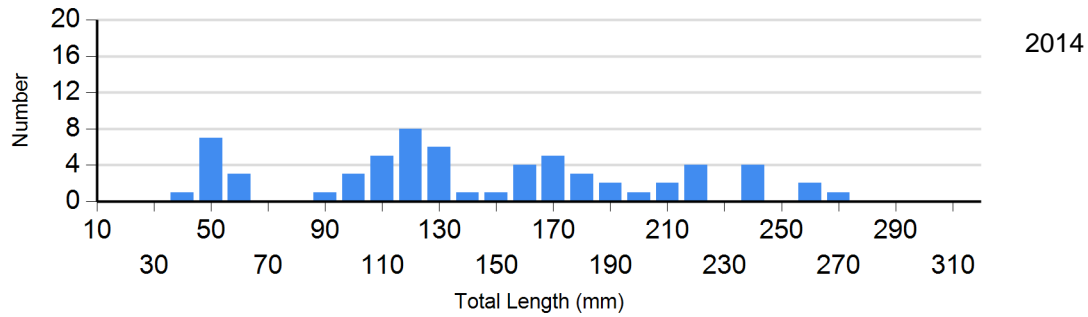
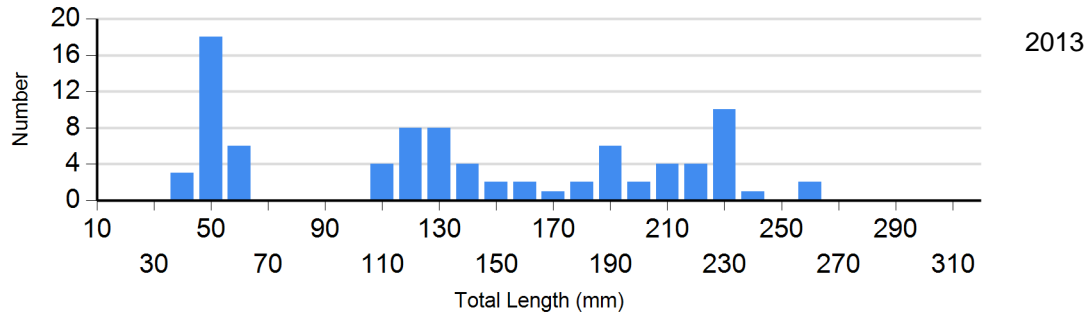
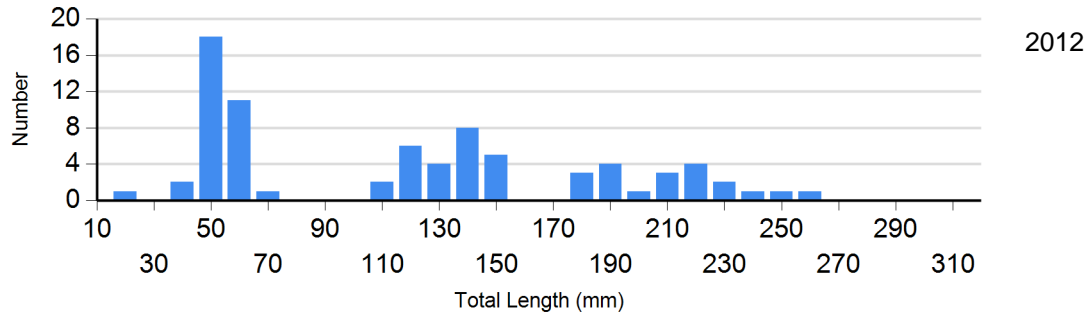


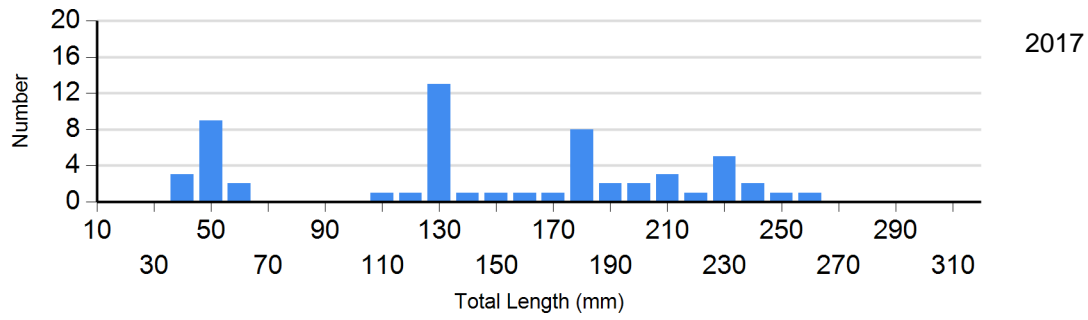


Site: 1965
Species: Rock Bass

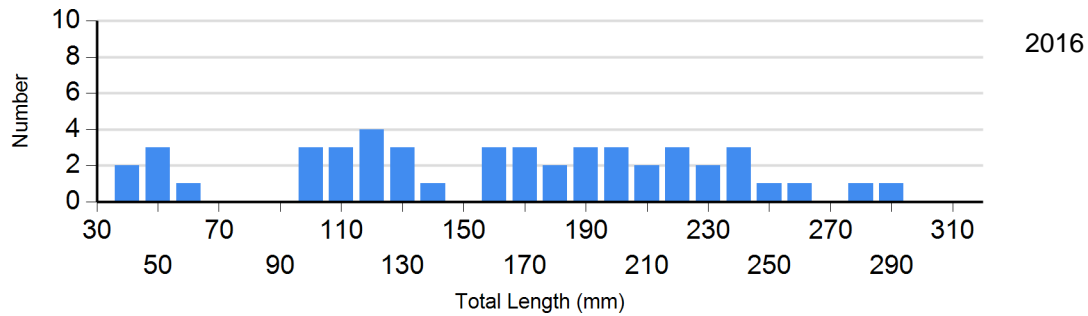
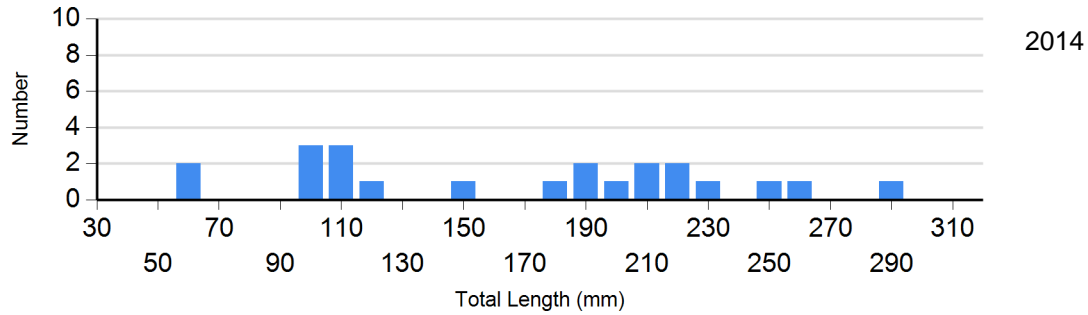
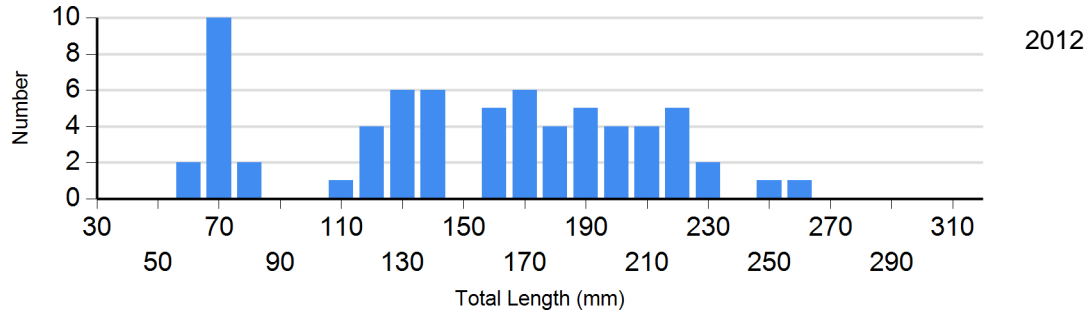


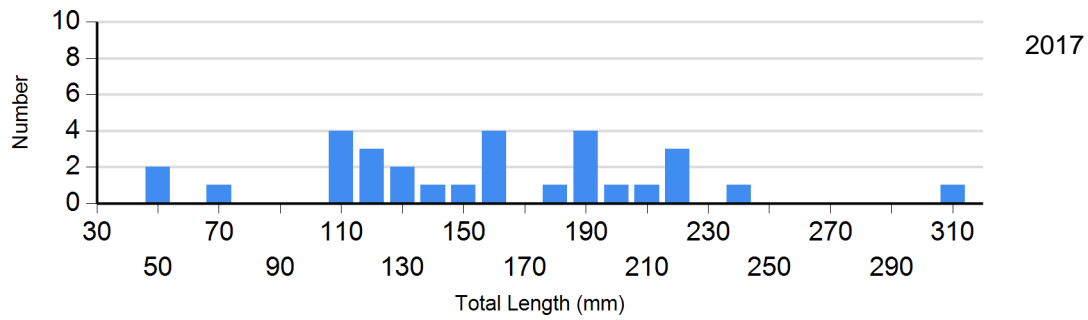
Site: 2100
Species: Brown Trout



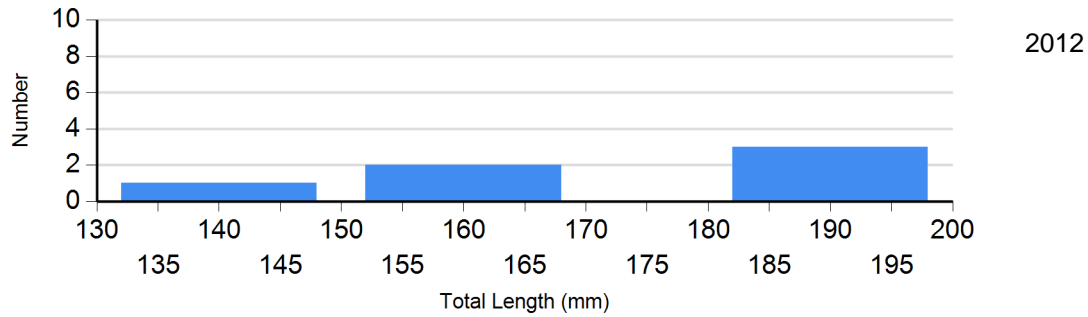


Site: 2133
Species: Brown Trout





Site: 2162
Species: Brook Trout



Site: 2162
Species: Brown Trout

