

SOUTH DAKOTA BLACK HILLS COLD STREAM SURVEY
Rapid Creek, Pennington County
02-0062-00
1999

Table 1. Population and Biomass Estimates for Rapid Creek

Site Number: 1363	Date Sampled: 10/06/1999	Conductivity (umhos/cm): 419
Site Midpoint (Latitude, Longitude): 44.07961205, -103.20426495	Site Length (m): 101	pH: 8.8
Survey Completed by: South Dakota Game, Fish and Parks	Mean Width (m): 10.5	Water Temperature (C): 9.9
Stream Classification: BR1	Number of Pass: 3	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	176	278	372	184	2648	52	2752	1072	46.12	4429	112.4	19.5
Brown Trout	>=200mm	79	105	137	79	1000	161	1040	405	143.67	1673	248.7	160.9
Brown Trout	All	255	383	477	289	3648	231	3792	1477	206.22	6101	154.6	63.3
Goldfish	All	1	1	1	1	10	11	10	4	9.90	16	377.0	1164.0
Hatchery Brown Trout	<200mm	40	64	112	40	610	28	634	247	25.12	1020	161.6	46.2
Hatchery Brown Trout	>=200mm	9	9	11	9	86	19	89	35	17.05	143	275.7	222.8
Hatchery Brown Trout	All	49	70	105	49	667	52	693	270	46.78	1115	182.6	78.6
Longnose Dace	All	3	3	4	3	29	0	30	12	0.16	48	76.0	6.3
Mountain Sucker	All	2	2	4	2	19	1	20	8	1.16	32	175.5	68.0
Rock Bass	All	2	2	4	2	19	1	20	8	0.84	32	128.0	49.5
White Sucker	All	26	26	28	26	248	151	257	100	135.01	414	383.0	610.7

Site Number: 1383	Date Sampled: 10/06/1999	Conductivity (umhos/cm): 431
Site Midpoint (Latitude, Longitude): 44.08487597, -103.22694435	Site Length (m): 100	pH: 8.8
Survey Completed by: South Dakota Game, Fish and Parks	Mean Width (m): 12.3	

Stream Classification: BR1

Number of Pass: 3

Water Temperature (C): 12.5

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	46	50	57	46	406	17	500	164	14.78	805	150.5	40.8
Brown Trout	>=200mm	112	115	120	112	933	141	1150	378	126.30	1850	247.1	151.5
Brown Trout	All	159	166	174	159	1347	160	1660	546	143.27	2671	219.0	119.1
Green Sunfish	All	5	6	13	5	49	0	60	20	0.30	97	61.8	7.0
Hatchery Rainbow Trout	>=200mm	1	1	1	1	8	6	10	3	5.01	16	396.0	691.0
Hatchery Rainbow Trout	All	1	1	1	1	8	6	10	3	5.01	16	396.0	691.0
Largemouth Bass	All	20	20	20	20	162	1	200	66	0.47	322	65.8	3.3
Longnose Dace	All	1	1	2	1	8	0	10	3	0.07	16	95.0	9.0
White Sucker	All	14	14	14	14	114	52	140	46	46.55	225	323.6	458.8

Site Number: 1393

Date Sampled: 10/05/1999

Conductivity (umhos/cm): 430

Site Midpoint (Latitude, Longitude): 44.08551436, -103.23872222

Site Length (m): 97

pH: 8.8

Survey Completed by: South Dakota Game, Fish and Parks

Mean Width (m): 6.5

Water Temperature (C): 12.3

Stream Classification: BR1

Number of Pass: 3

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	25	25	27	25	385	14	258	156	12.80	415	145.0	37.3
Brown Trout	>=200mm	67	80	97	67	1231	183	825	498	163.07	1327	247.0	148.4
Brown Trout	All	93	104	117	93	1600	189	1072	648	168.85	1725	219.3	118.2
Hatchery Brown Trout	<200mm	2	2	2	2	31	2	21	12	1.79	33	187.0	65.0

Hatchery Brown Trout	>=200mm	5	5	7	5	77	8	52	31	7.54	83	232.2	109.8
Hatchery Brown Trout	All	7	7	8	7	108	10	72	44	9.33	116	219.3	97.0
Rock Bass	All	2	2	4	2	31	3	21	12	2.84	33	157.5	103.5
White Sucker	All	36	43	56	36	662	391	443	268	348.77	713	371.6	590.5

Site Number: 1412
Site Midpoint (Latitude, Longitude): 44.07907606, -103.25491933
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1

Date Sampled: 10/05/1999
Site Length (m): 91
Mean Width (m): 9.4
Number of Pass: 3
Conductivity (umhos/cm): 354
pH: 8.8
Water Temperature (C): 9.1
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	126	149	171	127	1592	25	1637	645	22.10	2635	105.5	15.5
Brown Trout	>=200mm	80	88	99	80	940	153	967	381	136.25	1556	247.3	162.3
Brown Trout	All	206	239	264	214	2553	185	2626	1034	165.39	4226	160.6	72.5
Rock Bass	All	1	1	1	1	11	0	11	4	0.35	18	118.0	37.0
White Sucker	All	37	37	39	37	395	222	407	160	198.56	654	347.1	562.6

Site Number: 1434
Site Midpoint (Latitude, Longitude): 44.06752736, -103.27112322
Survey Completed by: SD School of Mines and Technology
Stream Classification: BR1

Date Sampled: 09/24/1999
Site Length (m): 114
Mean Width (m): 10.9
Number of Pass: 3
Conductivity (umhos/cm): 288
pH: 9.0
Water Temperature (C): 14.8
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	92	136	190	92	1245	25	1193	504	22.76	1920	109.7	20.5
Brown Trout	>=200mm	131	167	201	133	1529	300	1465	619	267.42	2357	264.8	195.8

Brown Trout	All	223	304	364	244	2784	343	2667	1127	306.15	4291	200.8	123.2
White Sucker	All	61	62	65	61	568	379	544	230	338.40	875	376.9	667.5

Site Number: 1444
Site Midpoint (Latitude, Longitude): 44.06406624, -103.27603653
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1

Date Sampled: 10/12/1999
Site Length (m): 100
Mean Width (m): 10.4
Number of Pass: 3
Conductivity (umhos/cm): 36
pH: 9.1
Water Temperature (C): 11.8
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	131	158	183	133	1519	28	1580	615	25.14	2542	112.4	18.5
Brown Trout	>=200mm	156	178	197	159	1712	320	1780	693	285.58	2864	263.1	186.9
Brown Trout	All	287	337	369	305	3240	357	3370	1312	318.37	5422	194.3	110.0
Mountain Sucker	All	1	1	1	1	10	0	10	4	0.37	16	159.0	43.0
White Sucker	All	12	12	12	12	115	79	120	47	70.75	193	383.9	686.8

Site Number: 1449
Site Midpoint (Latitude, Longitude): 44.06128245, -103.28022267
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR1

Date Sampled: 10/12/1999
Site Length (m): 138
Mean Width (m): 10.0
Number of Pass: 3
Conductivity (umhos/cm): 37
pH: 8.9
Water Temperature (C): 12.1
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	101	192	321	101	1924	47	1391	779	41.74	2239	122.3	24.3
Brown Trout	>=200mm	166	193	216	170	1934	344	1399	783	307.50	2250	259.3	178.1
Brown Trout	All	267	349	403	295	3497	419	2529	1416	374.40	4069	207.5	119.9
Longnose Dace	All	2	2	4	2	20	0	14	8	0.17	23	100.0	9.5

White Sucker All 33 33 35 33 331 203 239 134 180.87 385 365.5 612.6

Site Number: 1510 **Date Sampled:** 10/19/1999 **Conductivity (umhos/cm):** 358
Site Midpoint (Latitude, Longitude): 44.04659823, -103.33060046 **Site Length (m):** 100 **pH:** 9.1
Survey Completed by: South Dakota Game, Fish and Parks **Mean Width (m):** 0.0 **Water Temperature (C):** 8.0
Stream Classification: BR3 **Number of Pass:** 3 **Voltage:** 400

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	164	315	485	164	0	0	3150	0	0.00	5068	99.9	12.3
Brown Trout	>=200mm	33	33	35	33	0	0	330	0	0.00	531	267.0	196.4
Brown Trout	All	197	287	361	213	0	0	2870	0	0.00	4618	127.8	43.1

Site Number: 1533 **Date Sampled:** 10/19/1999 **Conductivity (umhos/cm):** 360
Site Midpoint (Latitude, Longitude): 44.04847042, -103.34689597 **Site Length (m):** 100 **pH:** 9.1
Survey Completed by: South Dakota Game, Fish and Parks **Mean Width (m):** 10.1 **Water Temperature (C):** 6.0
Stream Classification: BK3, BR1 **Number of Pass:** 3 **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	1	1	1	1	10	0	10	4	0.41	16	175.0	46.0
Brook Trout	>=200mm	1	1	1	1	10	1	10	4	0.59	16	200.0	66.0
Brook Trout	All	2	2	2	2	20	1	20	8	0.99	32	187.5	56.0
Brown Trout	<200mm	182	213	238	188	2117	48	2130	858	42.58	3427	114.1	22.5
Brown Trout	>=200mm	111	113	117	111	1123	190	1130	455	169.34	1818	251.4	168.8
Brown Trout	All	293	319	337	301	3171	247	3190	1284	220.71	5133	166.1	78.0

Site Number: 1656

Site Midpoint (Latitude, Longitude): 44.05452135, -103.40589571

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1

Date Sampled: 09/29/1999

Site Length (m): 112

Mean Width (m): 7.4

Number of Pass: 3

Conductivity (umhos/cm): 231

pH: 9.1

Water Temperature (C): 9.8

Voltage: 400

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	131	189	247	131	2547	47	1688	1032	42.14	2715	105.7	18.5
Brown Trout	>=200mm	90	98	108	90	1321	171	875	535	152.96	1408	237.6	129.7
Brown Trout	All	221	276	316	236	3720	237	2464	1506	211.91	3965	159.4	63.8

Site Number: 1752

Site Midpoint (Latitude, Longitude): 44.07974011, -103.42967056

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR1

Date Sampled: 10/20/1999

Site Length (m): 100

Mean Width (m): 10.7

Number of Pass: 3

Conductivity (umhos/cm): 36

pH: 9.1

Water Temperature (C): 7.7

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	99	115	133	99	1077	37	1150	436	33.40	1850	147.8	34.7
Brown Trout	>=200mm	135	138	143	135	1292	208	1380	523	185.77	2220	255.2	161.0
Brown Trout	All	234	247	258	236	2313	249	2470	937	222.18	3974	209.8	107.6

Site Number: 1812

Site Midpoint (Latitude, Longitude): 44.07679180, -103.46254687

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BK0, BR1

Date Sampled: 10/18/1999

Site Length (m): 100

Mean Width (m): 10.0

Number of Pass: 3

Conductivity (umhos/cm): 217

pH: 9.1

Water Temperature (C): 10.6

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	1	1	2	1	10	0	10	4	0.06	16	100.0	7.0
Brook Trout	All	1	1	2	1	10	0	10	4	0.06	16	100.0	7.0
Brown Trout	<200mm	92	120	152	92	1205	42	1200	488	37.86	1931	146.7	35.2
Brown Trout	>=200mm	68	70	74	68	703	109	700	285	97.30	1126	248.4	155.1
Brown Trout	All	160	182	201	163	1827	157	1820	740	140.54	2928	189.9	86.1

Site Number: 1820

Site Midpoint (Latitude, Longitude): 44.07783791, -103.46747074

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BK0, BR1, RB2

Date Sampled: 10/13/1999

Site Length (m): 126

Mean Width (m): 10.2

Number of Pass: 4

Conductivity (umhos/cm): 35

pH: 8.8

Water Temperature (C): 9.0

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	2	3	3	20	0	16	8	0.17	26	108.3	9.7
Brook Trout	All	3	2	3	3	20	0	16	8	0.17	26	108.3	9.7
Brown Trout	<200mm	53	61	73	53	596	25	484	241	22.02	779	147.7	41.4
Brown Trout	>=200mm	106	160	221	106	1563	220	1270	633	196.01	2043	244.8	140.5
Brown Trout	All	160	216	264	168	2109	227	1714	854	202.40	2758	212.4	107.5
Rainbow Trout	<200mm	2	2	2	2	20	1	16	8	0.45	26	124.5	26.0
Rainbow Trout	>=200mm	1	1	2	1	10	4	8	4	3.74	13	350.0	429.0
Rainbow Trout	All	3	3	4	3	29	5	24	12	4.19	38	199.7	160.3

Site Number: 1833

Site Midpoint (Latitude, Longitude): 44.07611720, -103.47551527

Survey Completed by: South Dakota Game, Fish and Parks

Date Sampled: 10/14/1999

Site Length (m): 97

Mean Width (m): 8.8

Conductivity (umhos/cm): 270

pH: 8.9

Water Temperature (C): 13.7

Stream Classification: BK0, BR1, RB2

Number of Pass: 3

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)
Brook Trout	<200mm	2	2	3	2	23	0	21	9	0.25	33	110.5	12.5
Brook Trout	All	2	2	3	2	23	0	21	9	0.25	33	110.5	12.5
Brown Trout	<200mm	40	48	62	40	544	16	495	220	14.14	796	130.2	29.1
Brown Trout	>=200mm	61	61	62	61	692	124	629	280	110.99	1012	261.7	179.7
Brown Trout	All	101	104	109	101	1179	142	1072	478	126.42	1725	209.6	120.1
Rainbow Trout	<200mm	5	5	7	5	57	1	52	23	1.30	83	120.2	25.6
Rainbow Trout	>=200mm	1	1	1	1	11	6	10	5	5.05	17	412.0	499.0
Rainbow Trout	All	6	6	8	6	68	7	62	28	6.35	100	168.8	104.5

Site Number: 1843

Date Sampled: 10/04/1999

Conductivity

263

Site Midpoint (Latitude, Longitude): 44.07203156, -103.47488319

Site Length (m): 101

(umhos/cm):

Survey Completed by: South Dakota Game, Fish and Parks

Mean Width (m): 7.9

pH:

8.8

Stream Classification: BK0, BR1, RB0

Number of Pass: 3

Water Temperature (C):

12.6

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)
Brook Trout	<200mm	1	1	1	1	13	0	10	5	0.06	16	90.0	5.0
Brook Trout	All	1	1	1	1	13	0	10	5	0.06	16	90.0	5.0
Brown Trout	<200mm	24	27	34	24	343	7	267	139	6.16	430	107.5	20.1
Brown Trout	>=200mm	67	68	71	67	863	184	673	349	164.00	1083	270.8	212.8
Brown Trout	All	92	95	100	92	1206	195	941	488	173.80	1513	227.7	161.5
Rainbow Trout	<200mm	4	4	5	4	51	2	40	21	1.72	64	131.0	38.0
Rainbow Trout	All	4	4	5	4	51	2	40	21	1.72	64	131.0	38.0

Site Number: 1849
Site Midpoint (Latitude, Longitude): 44.07572600, -103.47938063
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK2, BR1, RB0

Date Sampled: 10/14/1999 **Conductivity (umhos/cm):** 263
Site Length (m): 146 **pH:** 8.8
Mean Width (m): 9.1 **Water Temperature (C):** 12.6
Number of Pass: 3 **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)
Brook Trout	<200mm	11	10	13	11	110	3	68	44	2.66	110	128.5	27.2
Brook Trout	>=200mm	8	9	14	8	99	11	62	40	10.10	99	224.5	114.6
Brook Trout	All	19	42	130	19	461	29	288	187	26.32	463	168.9	64.0
Brown Trout	<200mm	105	146	191	105	1601	31	1000	648	27.85	1609	106.6	19.5
Brown Trout	>=200mm	94	148	216	94	1623	380	1014	657	339.46	1631	278.6	234.3
Brown Trout	All	199	298	380	216	3268	395	2041	1323	352.86	3284	187.9	120.9
Hatchery Rainbow Trout	>=200mm	1	1	2	1	11	2	7	4	1.71	11	276.0	175.0
Hatchery Rainbow Trout	All	1	1	2	1	11	2	7	4	1.71	11	276.0	175.0
Rainbow Trout	<200mm	17	18	22	17	197	1	123	80	1.01	198	80.4	5.7
Rainbow Trout	All	17	18	22	17	197	1	123	80	1.01	198	80.4	5.7

Site Number: 1849
Site Midpoint (Latitude, Longitude): 44.07572600, -103.47938063
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK0, BR1, RB0

Date Sampled: 10/18/1999 **Conductivity (umhos/cm):** 247
Site Length (m): 89 **pH:** 9.0
Mean Width (m): 10.1 **Water Temperature (C):** 9.0
Number of Pass: 3 **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	5	5	7	5	49	1	56	20	0.45	90	106.8	10.2
Brook Trout	All	5	5	7	5	49	1	56	20	0.45	90	106.8	10.2

Brown Trout	<200mm	64	66	70	64	652	22	742	264	19.68	1193	138.8	33.8
Brown Trout	>=200mm	56	56	57	56	553	84	629	224	75.08	1012	253.6	152.0
Brown Trout	All	120	122	126	120	1206	107	1371	488	95.74	2206	192.4	88.9
Rainbow Trout	<200mm	2	2	6	2	20	0	22	8	0.11	36	85.5	6.5
Rainbow Trout	All	2	2	6	2	20	0	22	8	0.11	36	85.5	6.5

Site Number: 1853
Site Midpoint (Latitude, Longitude): 44.07655505, -103.48401117
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BK3, BR1, RB2

Date Sampled: 10/04/1999
Site Length (m): 95
Mean Width (m): 10.8
Number of Pass: 3
Conductivity (umhos/cm): 263
pH: 8.8
Water Temperature (C): 12.0
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)
Brook Trout	<200mm	18	18	20	18	167	2	189	68	2.03	305	111.3	13.6
Brook Trout	>=200mm	3	3	4	3	28	3	32	11	2.73	51	223.3	110.0
Brook Trout	All	21	21	23	21	195	5	221	79	4.76	356	127.3	27.4
Brown Trout	<200mm	63	67	74	63	622	25	705	252	21.98	1135	142.0	39.6
Brown Trout	>=200mm	50	51	54	50	473	130	537	192	115.71	864	286.6	273.9
Brown Trout	All	113	118	125	113	1095	157	1242	443	140.04	1999	206.0	143.3
Rainbow Trout	<200mm	34	44	63	34	408	5	463	165	4.16	745	96.2	11.4
Rainbow Trout	>=200mm	3	3	5	3	28	9	32	11	7.96	51	297.0	320.3
Rainbow Trout	All	37	50	74	37	464	17	526	188	15.10	847	112.5	36.5

Site Number: 1930
Site Midpoint (Latitude, Longitude): 44.08581700, -103.55549131
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB0

Date Sampled: 09/28/1999
Site Length (m): 100
Mean Width (m): 8.0
Number of Pass: 3
Conductivity (umhos/cm): 241
pH: 9.1
Water Temperature (C): 4.8
Voltage: 400

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	38	42	50	38	522	18	420	212	15.99	676	146.8	34.3
Brown Trout	>=200mm	23	23	25	23	286	37	230	116	32.81	370	240.7	128.4
Brown Trout	All	61	66	74	61	821	57	660	332	51.15	1062	182.2	69.8
Hatchery Rainbow Trout	<200mm	2	2	2	2	25	1	20	10	1.11	32	167.0	50.0
Hatchery Rainbow Trout	>=200mm	12	12	13	12	149	39	120	60	35.20	193	300.3	264.2
Hatchery Rainbow Trout	All	14	14	15	14	174	41	140	71	36.31	225	281.2	233.6
Rainbow Trout	<200mm	16	16	16	16	199	0	160	81	0.32	257	65.4	1.8
Rainbow Trout	All	16	16	16	16	199	0	160	81	0.32	257	65.4	1.8

Site Number: 1952
Site Midpoint (Latitude, Longitude): 44.08822830, -103.57398811
Survey Completed by: South Dakota Game, Fish and Parks
Stream Classification: BR2, RB0

Date Sampled: 09/28/1999
Site Length (m): 101
Mean Width (m): 9.3
Number of Pass: 3
Conductivity (umhos/cm): 243
pH: 9.1
Water Temperature (C): 4.9
Voltage: 400

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	90	114	141	90	1223	27	1129	495	23.66	1816	118.5	21.7
Brown Trout	>=200mm	31	31	33	31	333	38	307	135	33.98	494	232.8	114.4
Brown Trout	All	121	141	161	121	1513	69	1396	613	61.37	2246	147.8	45.4
Hatchery Rainbow Trout	>=200mm	4	4	4	4	43	24	40	17	21.08	64	347.3	550.0
Hatchery Rainbow Trout	All	4	4	4	4	43	24	40	17	21.08	64	347.3	550.0
Rainbow Trout	<200mm	5	5	7	5	54	0	50	22	0.10	80	63.6	2.0
Rainbow Trout	All	5	5	7	5	54	0	50	22	0.10	80	63.6	2.0

Rock Bass	All	1	1	2	1	11	0	10	4	0.18	16	100.0	19.0
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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, 1989-1999

Site 1363

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 04, 1990	15	14-19	
	Sep 28, 1993	28	19-53	
	Oct 04, 1996	66	55-82	
	Oct 06, 1999	278	184-372	
Brown Trout >=200mm	Oct 04, 1990	14	14-15	BR3
	Sep 28, 1993	22	20-28	BR2
	Oct 04, 1996	29	26-36	BR2

Brown Trout >=200mm	Oct 06, 1999	105	79-137	BR1
Goldfish	Oct 06, 1999	1	1-1	
Green Sunfish	Oct 04, 1990	7	6-14	
	Sep 28, 1993	3	3-4	
Hatchery Brown Trout <200mm	Oct 06, 1999	64	40-112	
Hatchery Brown Trout >=200mm	Oct 04, 1990	11	11-13	
	Sep 28, 1993	51	17-235	
	Oct 04, 1996	5	5-6	
	Oct 06, 1999	9	9-11	
Hatchery Rainbow Trout >=200mm	Sep 28, 1993	1	1-1	
Largemouth Bass	Oct 04, 1990	1	1-1	
	Oct 04, 1996	2	2-2	
Longnose Dace	Oct 04, 1990	7	8-12	
	Sep 28, 1993	139	132-147	
	Oct 04, 1996	13	14-17	
	Oct 06, 1999	3	3-4	

Mountain Sucker	Oct 04, 1990	20	20-22
	Sep 28, 1993	44	44-46
	Oct 04, 1996	11	11-12
	Oct 06, 1999	2	2-4
Rock Bass	Oct 04, 1990	6	6-7
	Sep 28, 1993	2	2-2
	Oct 04, 1996	5	3-24
	Oct 06, 1999	2	2-4
White Sucker	Oct 04, 1990	40	29-66
	Sep 28, 1993	147	140-155
	Oct 04, 1996	40	35-50
	Oct 06, 1999	26	26-28

Site 1383

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 05, 1990	52	49-58	
	Oct 06, 1999	50	46-57	

Brown Trout >=200mm	Oct 05, 1990	99	99-101	BR3
	Oct 06, 1999	115	112-120	BR1
Green Sunfish	Oct 05, 1990	9	10-12	
	Oct 06, 1999	6	5-13	
Hatchery Rainbow Trout >=200mm	Oct 06, 1999	1	1-1	
Largemouth Bass	Oct 05, 1990	5	6-7	
	Oct 06, 1999	20	20-20	
Longnose Dace	Oct 06, 1999	1	1-2	
Mountain Sucker	Oct 05, 1990	25	25-26	
Rainbow Trout <200mm	Oct 05, 1990	1	1-1	
White Sucker	Oct 05, 1990	149	145-155	
	Oct 06, 1999	14	14-14	

Site 1393

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 10, 1990	38	35-45	
	Oct 10, 1996	199	182-216	

Brown Trout <200mm	Oct 05, 1999	25	25-27	
Brown Trout >=200mm	Oct 10, 1990	136	134-140	BR3
	Oct 10, 1996	92	91-95	BR1
	Oct 05, 1999	80	67-97	BR1
Green Sunfish	Oct 10, 1996	1	1-1	
Hatchery Brown Trout <200mm	Oct 05, 1999	2	2-2	
Hatchery Brown Trout >=200mm	Oct 10, 1990	3	3-3	
	Oct 05, 1999	5	5-7	
Longnose Dace	Oct 10, 1996	4	5-8	
Mountain Sucker	Oct 10, 1996	2	2-3	
Rock Bass	Oct 10, 1990	1	1-1	
	Oct 10, 1996	1	1-1	
	Oct 05, 1999	2	2-4	
White Sucker	Oct 10, 1996	70	64-79	
	Oct 05, 1999	43	36-56	

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 10, 1990	87	76-102	
	Oct 22, 1991	176	74-403	
	Oct 05, 1992	163	127-199	
	Sep 28, 1993	142	116-168	
	Sep 29, 1994	314	245-383	
	Oct 03, 1995	215	171-259	
	Sep 26, 1996	151	152-172	
	Oct 05, 1999	149	127-171	
Brown Trout >=200mm	Oct 10, 1990	176	175-179	BR3
	Oct 22, 1991	123	108-140	BR3
	Oct 05, 1992	116	111-123	BR1
	Sep 28, 1993	164	113-219	BR1
	Sep 29, 1994	86	82-92	BR1
	Oct 03, 1995	96	92-102	BR1
	Sep 26, 1996	120	90-155	BR1

Brown Trout >=200mm	Oct 05, 1999	88	80-99	BR1
Green Sunfish	Oct 10, 1990	1	1-1	
	Oct 05, 1992	1	1-5	
	Sep 28, 1993	2	2-2	
	Sep 29, 1994	1	1-2	
Largemouth Bass	Oct 10, 1990	1	1-1	
Longnose Dace	Oct 22, 1991	5	6-8	
	Oct 05, 1992	2	2-3	
	Sep 28, 1993	2	2-4	
	Sep 29, 1994	12	9-25	
	Oct 03, 1995	2	2-3	
	Sep 26, 1996	1	1-2	
Mountain Sucker	Oct 22, 1991	6	6-8	
	Oct 05, 1992	6	6-9	
	Sep 28, 1993	1	1-2	
	Sep 29, 1994	4	4-6	

Mountain Sucker	Oct 03, 1995	3	3-3
Rock Bass	Oct 10, 1990	3	3-3
	Sep 29, 1994	1	1-1
	Oct 03, 1995	2	2-4
	Sep 26, 1996	2	2-2
	Oct 05, 1999	1	1-1
White Sucker	Oct 22, 1991	73	61-91
	Oct 05, 1992	87	85-91
	Sep 28, 1993	56	56-58
	Sep 29, 1994	76	75-79
	Oct 03, 1995	70	70-71
	Sep 26, 1996	85	70-104
	Oct 05, 1999	37	37-39

Site 1434

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 04, 1990	273	227-319	

Brown Trout <200mm	Nov 10, 1994	335	335-336	
	Sep 24, 1999	136	92-190	
Brown Trout >=200mm	Oct 04, 1990	249	240-258	BR3
	Nov 10, 1994	163	163-164	BR1
	Sep 24, 1999	167	133-201	BR1
Longnose Dace	Nov 10, 1994	3	4-5	
Rainbow Trout >=200mm	Nov 10, 1994	2	2-2	RB2
White Sucker	Oct 04, 1990	143	141-147	
	Nov 10, 1994	123	123-123	
	Sep 24, 1999	62	61-65	

Site 1444

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Aug 23, 1996	45	41-53	
	Oct 29, 1997	39	34-49	
	Oct 12, 1999	158	133-183	
Brown Trout >=200mm	Aug 23, 1996	133	122-145	BR1

Brown Trout >=200mm	Oct 29, 1997	231	207-255	BR1
	Oct 12, 1999	178	159-197	BR1
Hatchery Rainbow Trout >=200mm	Aug 23, 1996	1	1-5	
Longnose Dace	Aug 23, 1996	9	9-11	
	Oct 29, 1997	3	3-5	
Mountain Sucker	Oct 29, 1997	1	1-2	
	Oct 12, 1999	1	1-1	
Rainbow Trout >=200mm	Oct 29, 1997	1	1-1	RB2
White Sucker	Aug 23, 1996	22	22-23	
	Oct 29, 1997	18	18-18	
	Oct 12, 1999	12	12-12	

Site 1449

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Aug 23, 1996	42	34-57	
	Oct 29, 1997	126	94-162	
	Oct 12, 1999	192	101-321	

Brown Trout >=200mm	Aug 23, 1996	91	77-108	BR1
	Oct 29, 1997	54	51-60	BR1
	Oct 12, 1999	193	170-216	BR1
Longnose Dace	Aug 23, 1996	2	2-3	
	Oct 12, 1999	2	2-4	
White Sucker	Aug 23, 1996	32	31-36	
	Oct 29, 1997	14	14-15	
	Oct 12, 1999	33	33-35	

Site 1510

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 08, 1992	166	150-182	
	Oct 19, 1999	315	164-485	
Brown Trout >=200mm	Oct 08, 1992	7	7-8	BR2
	Oct 19, 1999	33	33-35	BR3
Mountain Sucker	Oct 08, 1992	3	3-4	
White Sucker	Oct 08, 1992	33	32-36	

Site 1533

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Oct 19, 1999	1	1-1	
Brook Trout >=200mm	Oct 19, 1999	1	1-1	BK3
Brown Trout <200mm	Oct 08, 1992	126	117-136	
	Oct 19, 1999	213	188-238	
Brown Trout >=200mm	Oct 08, 1992	89	88-92	BR1
	Oct 19, 1999	113	111-117	BR1
White Sucker	Oct 08, 1992	4	4-4	

Site 1656

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 10, 1990	367	343-391	
	Mar 25, 1991	264	239-289	
	Oct 17, 1991	237	201-273	
	Oct 13, 1992	269	235-303	
	Sep 30, 1993	229	172-286	
	Sep 29, 1994	361	317-405	

Brown Trout <200mm	Oct 03, 1995	213	203-223	
	Oct 02, 1996	222	199-245	
	Sep 29, 1999	189	131-247	
Brown Trout >=200mm	Sep 10, 1990	74	73-77	BR3
	Mar 25, 1991	70	68-74	BR3
	Oct 17, 1991	89	85-96	BR3
	Oct 13, 1992	75	74-78	BR1
	Sep 30, 1993	99	93-107	BR1
	Sep 29, 1994	101	99-105	BR1
	Oct 03, 1995	109	108-112	BR1
	Oct 02, 1996	79	68-94	BR1
	Sep 29, 1999	98	90-108	BR1

Site 1752

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 21, 1993	115	84-153	
	Oct 20, 1999	115	99-133	

Brown Trout >=200mm	Sep 21, 1993	100	94-108	BR1
	Oct 20, 1999	138	135-143	BR1
Hatchery Brown Trout >=200mm	Sep 21, 1993	1	1-1	

Site 1812

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Sep 21, 1993	2	2-3	
	Oct 18, 1999	1	1-2	
Brown Trout <200mm	Sep 21, 1993	202	187-217	
	Oct 18, 1999	120	92-152	
Brown Trout >=200mm	Sep 21, 1993	137	107-168	BR1
	Oct 18, 1999	70	68-74	BR1
Hatchery Brown Trout <200mm	Sep 21, 1993	3	3-5	
Hatchery Brown Trout >=200mm	Sep 21, 1993	4	4-4	

Site 1820

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Oct 28, 1997	5	3-24	
	Oct 26, 1998	1	1-2	

Brook Trout <200mm	Oct 13, 1999	2	3-3	
Brook Trout >=200mm	Oct 28, 1997	1	1-5	BK3
Brown Trout <200mm	Sep 30, 1996	414	383-445	
	Oct 28, 1997	110	87-137	
	Oct 26, 1998	112	85-144	
	Oct 13, 1999	61	53-73	
Brown Trout >=200mm	Sep 30, 1996	58	54-65	BR1
	Oct 28, 1997	42	41-46	BR1
	Oct 26, 1998	90	72-113	BR1
	Oct 13, 1999	160	106-221	BR1
Rainbow Trout <200mm	Oct 13, 1999	2	2-2	
Rainbow Trout >=200mm	Oct 13, 1999	1	1-2	RB2

Site 1833

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Nov 13, 1992	10	10-12	
	Sep 30, 1993	20	14-40	

Brook Trout <200mm	Oct 16, 1996	2	2-4	
	Oct 28, 1997	2	2-2	
	Oct 14, 1999	2	2-3	
Brook Trout >=200mm	Oct 28, 1997	1	1-2	BK3
Brown Trout <200mm	Aug 03, 1990	90	85-98	
	Oct 17, 1991	174	98-286	
	Nov 13, 1992	281	232-330	
	Sep 30, 1993	474	201-808	
	Oct 16, 1996	293	275-311	
	Oct 28, 1997	128	105-152	
	Oct 23, 1998	76	66-90	
	Oct 14, 1999	48	40-62	
Brown Trout >=200mm	Aug 03, 1990	40	39-43	BR3
	Oct 17, 1991	43	41-48	BR3
	Nov 13, 1992	50	50-51	BR1
	Sep 30, 1993	34	32-39	BR2

Brown Trout >=200mm	Oct 16, 1996	30	30-31	BR2
	Oct 28, 1997	32	32-33	BR2
	Oct 23, 1998	66	65-69	BR1
	Oct 14, 1999	61	61-62	BR1
Rainbow Trout <200mm	Nov 13, 1992	1	1-2	
	Oct 23, 1998	1	1-1	
	Oct 14, 1999	5	5-7	
Rainbow Trout >=200mm	Oct 14, 1999	1	1-1	RB2

Site 1843

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Aug 03, 1990	20	14-41	
	Oct 06, 1992	55	47-68	
	Sep 29, 1993	228	63-776	
	Sep 28, 1994	38	36-43	
	Oct 04, 1995	40	39-43	
	Sep 27, 1996	14	12-21	

Brook Trout <200mm	Oct 22, 1997	13	5-87	
	Oct 04, 1999	1	1-1	
Brook Trout >=200mm	Aug 03, 1990	2	2-2	BK3
	Oct 06, 1992	11	11-11	BK2
	Sep 29, 1993	6	6-8	BK2
	Sep 28, 1994	7	7-7	BK2
	Oct 04, 1995	7	7-7	BK2
	Oct 22, 1997	2	2-4	BK3
Brown Trout <200mm	Aug 03, 1990	23	22-27	
	Sep 30, 1991	141	114-171	
	Oct 06, 1992	153	101-214	
	Sep 29, 1993	395	290-500	
	Sep 28, 1994	130	121-140	
	Oct 04, 1995	125	83-180	
	Sep 27, 1996	810	431-1189	
	Oct 22, 1997	241	171-311	

Brown Trout <200mm	Oct 23, 1998	94	81-110	
	Oct 04, 1999	27	24-34	
Brown Trout >=200mm	Aug 03, 1990	24	17-46	BR3
	Sep 30, 1991	27	27-28	BR3
	Oct 06, 1992	54	53-57	BR1
	Sep 29, 1993	85	80-93	BR1
	Sep 28, 1994	48	47-51	BR1
	Oct 04, 1995	28	28-28	BR1
	Sep 27, 1996	11	10-16	BR2
	Oct 22, 1997	46	42-53	BR1
	Oct 23, 1998	152	117-187	BR1
	Oct 04, 1999	68	67-71	BR1
Rainbow Trout <200mm	Oct 06, 1992	1	1-1	
	Sep 27, 1996	1	1-5	
	Oct 23, 1998	7	7-7	
	Oct 04, 1999	4	4-5	

Rainbow Trout >=200mm	Oct 23, 1998	1	1-2	RB2
Rock Bass	Sep 28, 1994	1	1-2	

Site 1849

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Oct 01, 1996	26	24-32	
	Oct 27, 1997	50	12-378	
	Oct 22, 1998	50	40-67	
	Oct 14, 1999	10	11-13	
	Oct 18, 1999	5	5-7	
Brook Trout >=200mm	Oct 27, 1997	10	9-15	BK2
	Oct 22, 1998	2	2-3	BK3
	Oct 14, 1999	9	8-14	BK2
Brown Trout <200mm	Oct 01, 1996	623	559-687	
	Oct 27, 1997	187	188-206	
	Oct 22, 1998	156	141-171	
	Oct 14, 1999	146	105-191	

Brown Trout <200mm	Oct 18, 1999	66	64-70	
Brown Trout >=200mm	Oct 01, 1996	30	23-46	BR2
	Oct 27, 1997	101	75-134	BR1
	Oct 22, 1998	55	48-67	BR1
	Oct 14, 1999	148	94-216	BR1
	Oct 18, 1999	56	56-57	BR1
Hatchery Rainbow Trout >=200mm	Oct 14, 1999	1	1-2	
Rainbow Trout <200mm	Oct 01, 1996	1	1-4	
	Oct 22, 1998	1	1-1	
	Oct 14, 1999	18	17-22	
	Oct 18, 1999	2	2-6	
Rainbow Trout >=200mm	Oct 01, 1996	1	1-1	RB2
	Oct 27, 1997	4	4-6	RB2
	Oct 22, 1998	2	2-2	RB2

Site 1853

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Oct 22, 1998	16	13-26	
	Oct 04, 1999	18	18-20	
Brook Trout >=200mm	Oct 22, 1998	1	1-1	BK3
	Oct 04, 1999	3	3-4	BK3
Brown Trout <200mm	Oct 06, 1992	47	33-75	
	Sep 29, 1993	70	65-78	
	Sep 28, 1994	165	141-189	
	Oct 04, 1995	56	53-62	
	Oct 02, 1996	156	126-186	
	Oct 22, 1997	263	118-483	
	Oct 22, 1998	148	94-216	
	Oct 04, 1999	67	63-74	
	Brown Trout >=200mm	Oct 06, 1992	73	72-76
Sep 29, 1993		64	58-73	BR1
Sep 28, 1994		57	55-62	BR1

Brown Trout >=200mm	Oct 04, 1995	27	27-28	BR2
	Oct 02, 1996	17	17-19	BR2
	Oct 22, 1997	44	39-54	BR1
	Oct 22, 1998	76	53-113	BR1
	Oct 04, 1999	51	50-54	BR1
Rainbow Trout <200mm	Oct 06, 1992	19	15-31	
	Sep 28, 1994	2	2-3	
	Oct 04, 1995	25	24-29	
	Oct 02, 1996	28	28-29	
	Oct 22, 1997	2	2-2	
	Oct 22, 1998	1	1-2	
	Oct 04, 1999	44	34-63	
Rainbow Trout >=200mm	Oct 06, 1992	1	1-1	RB2
	Sep 29, 1993	7	7-8	RB1
	Sep 28, 1994	13	5-87	RB1
	Oct 04, 1995	1	1-2	RB2

Rainbow Trout >=200mm	Oct 02, 1996	5	3-24	RB2
	Oct 22, 1997	3	3-4	RB2
	Oct 22, 1998	4	4-7	RB2
	Oct 04, 1999	3	3-5	RB2

Site 1930

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout >=200mm	Sep 27, 1996	1	1-1	BK3
Brown Trout <200mm	Sep 24, 1992	81	74-91	
	Sep 22, 1993	84	72-100	
	Sep 26, 1994	255	91-599	
	Oct 02, 1995	32	30-37	
	Sep 27, 1996	20	20-22	
	Sep 28, 1999	42	38-50	
Brown Trout >=200mm	Sep 24, 1992	26	26-27	BR1
	Sep 22, 1993	14	14-16	BR2
	Sep 26, 1994	25	25-27	BR1

Brown Trout >=200mm	Oct 02, 1995	18	18-19	BR2
	Sep 27, 1996	8	8-10	BR2
	Sep 28, 1999	23	23-25	BR2
Hatchery Rainbow Trout <200mm	Sep 22, 1993	1	1-1	
	Sep 26, 1994	2	2-2	
	Sep 28, 1999	2	2-2	
Hatchery Rainbow Trout >=200mm	Sep 22, 1993	1	1-1	
	Sep 26, 1994	3	3-6	
	Oct 02, 1995	2	2-3	
	Sep 27, 1996	6	6-7	
	Sep 28, 1999	12	12-13	
Rainbow Trout <200mm	Sep 24, 1992	48	35-73	
	Oct 02, 1995	1	1-2	
	Sep 28, 1999	16	16-16	
Rainbow Trout >=200mm	Sep 24, 1992	2	2-3	RB2
	Oct 02, 1995	1	1-1	RB2

Rock Bass	Sep 22, 1993	3	3-3
	Oct 02, 1995	19	18-23
	Sep 27, 1996	3	3-3

Site 1952

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Aug 02, 1990	65	65-65	
	Sep 30, 1991	92	65-134	
	Sep 25, 1992	74	72-78	
	Sep 22, 1993	179	139-219	
	Sep 28, 1999	114	90-141	
Brown Trout >=200mm	Aug 02, 1990	11	11-11	BR3
	Sep 30, 1991	21	21-22	BR3
	Sep 25, 1992	36	36-36	BR1
	Sep 22, 1993	42	42-43	BR1
	Sep 28, 1999	31	31-33	BR2
Hatchery Rainbow Trout <200mm	Sep 22, 1993	1	1-5	

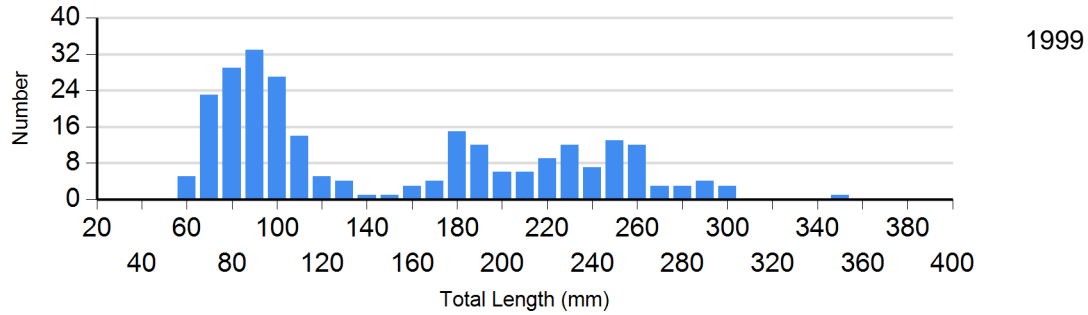
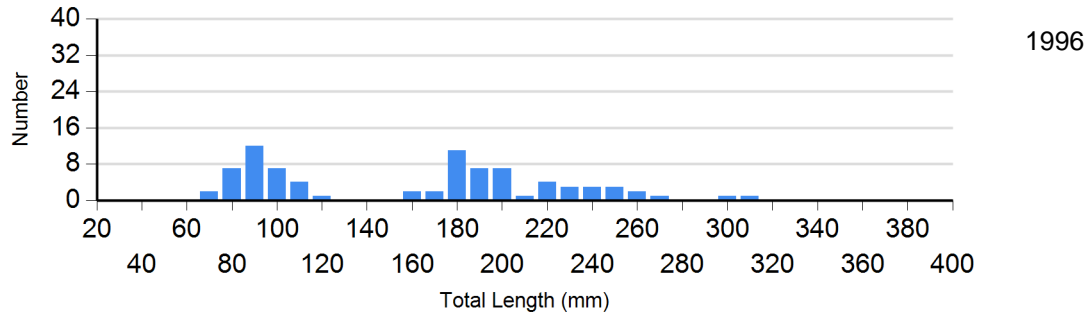
Hatchery Rainbow Trout >=200mm	Sep 22, 1993	2	2-4	
	Sep 28, 1999	4	4-4	
Rainbow Trout <200mm	Sep 30, 1991	1	1-4	
	Sep 28, 1999	5	5-7	
Rainbow Trout >=200mm	Sep 30, 1991	1	1-1	RB2
Rock Bass	Sep 25, 1992	8	8-9	
	Sep 22, 1993	1	1-1	
	Sep 28, 1999	1	1-2	
White Sucker	Sep 25, 1992	1	1-1	

Length Frequency Distribution

Length frequency histogram of species sampled by year.

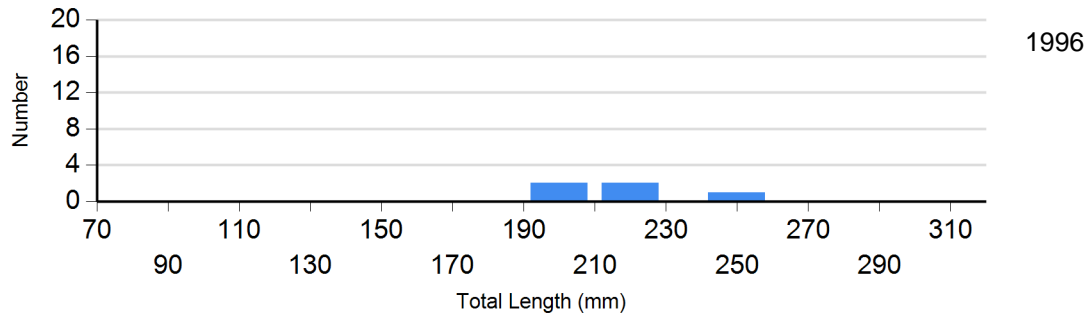
Site: 1363

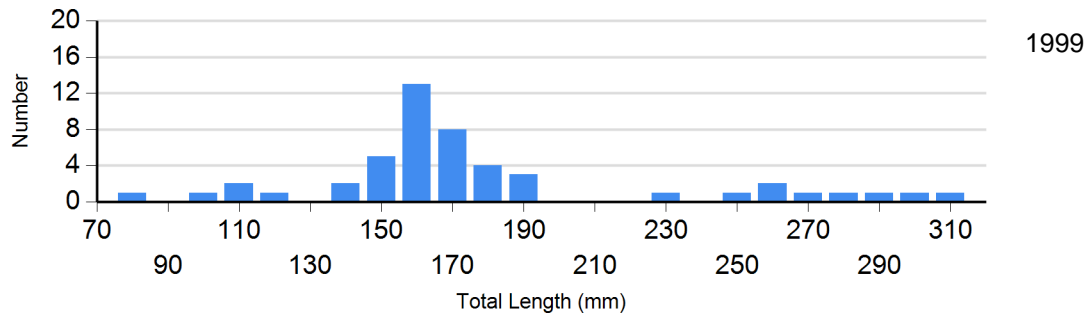
Species: Brown Trout



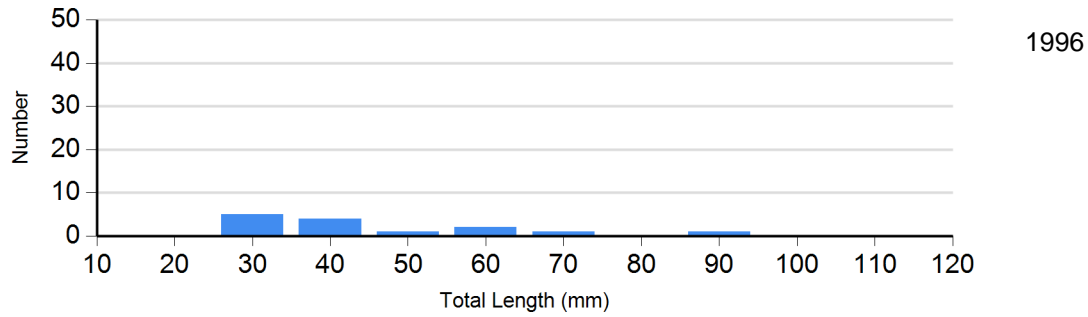
Site: 1363

Species: Hatchery Brown Trout

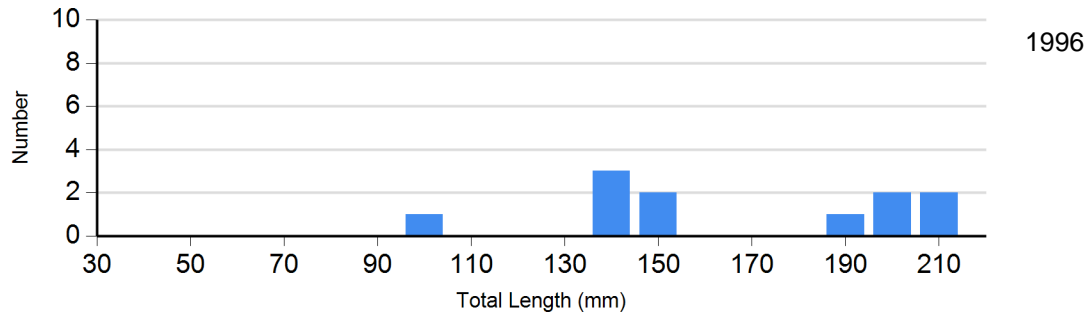




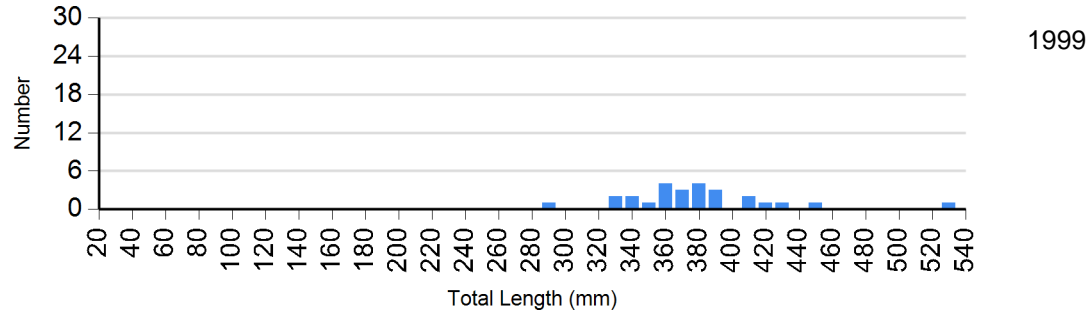
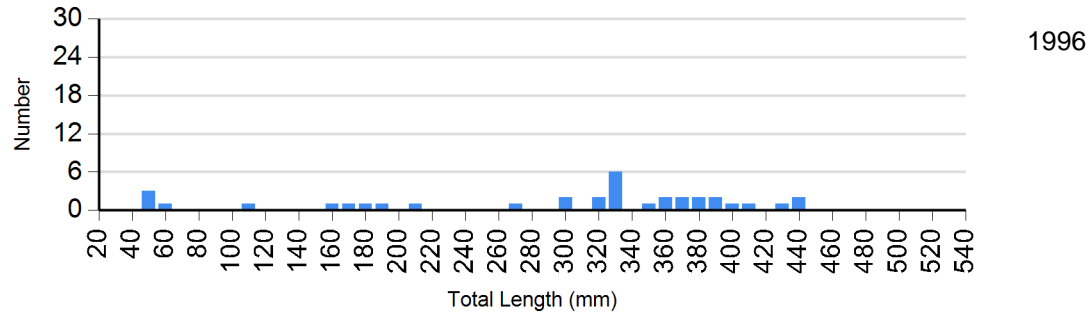
Site: 1363
Species: Longnose Dace



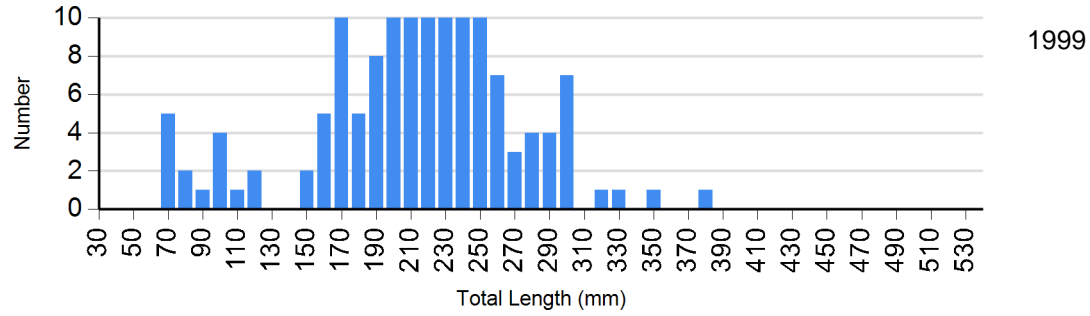
Site: 1363
Species: Mountain Sucker



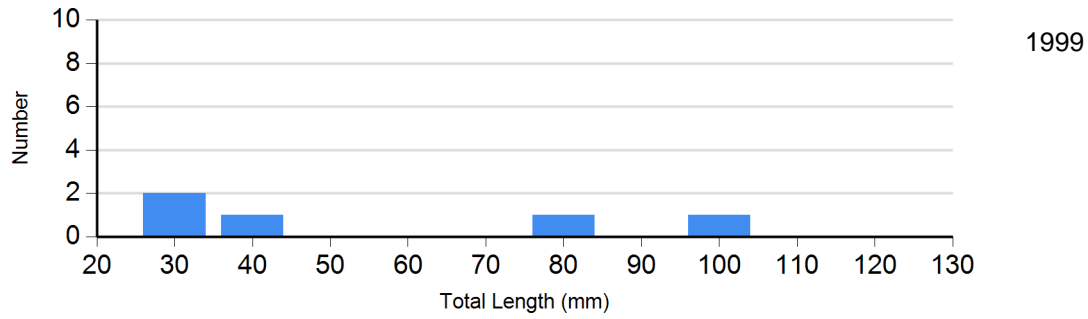
Site: 1363
Species: White Sucker



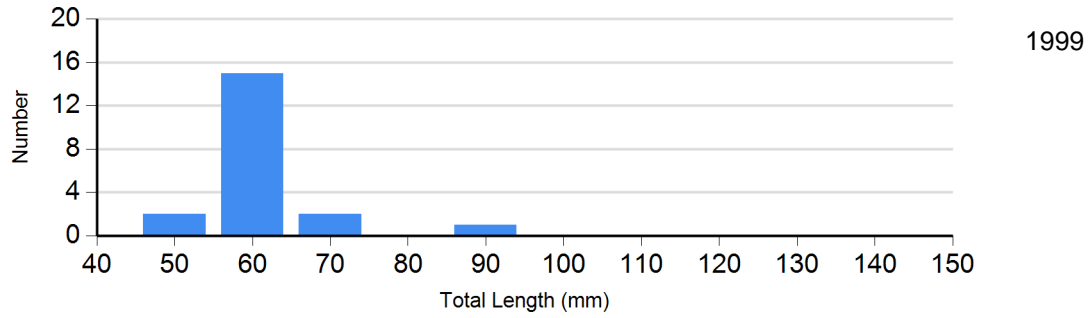
Site: 1383
Species: Brown Trout



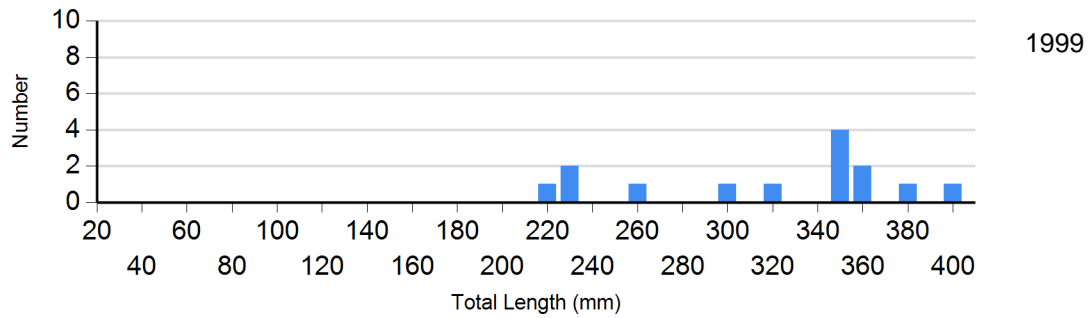
Site: 1383
Species: Green Sunfish



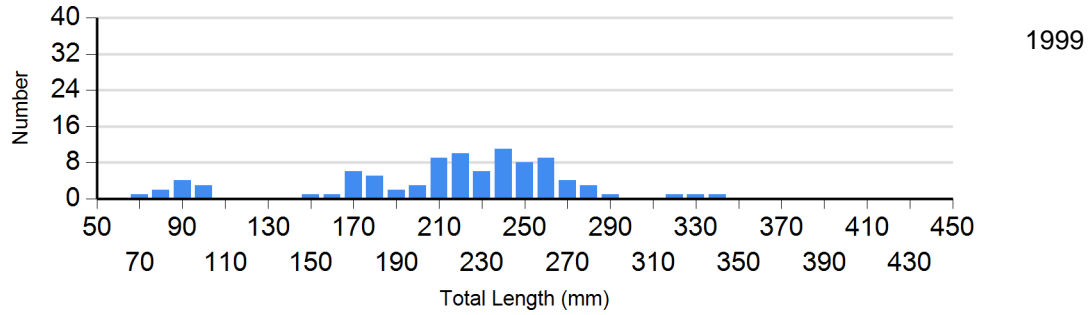
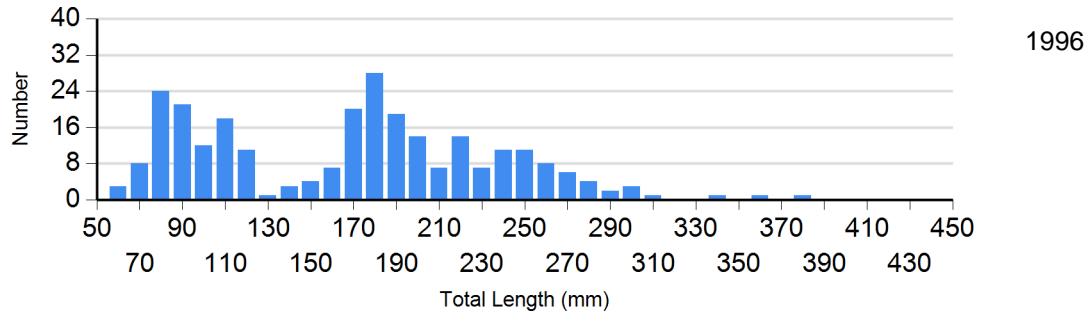
Site: 1383
Species: Largemouth Bass



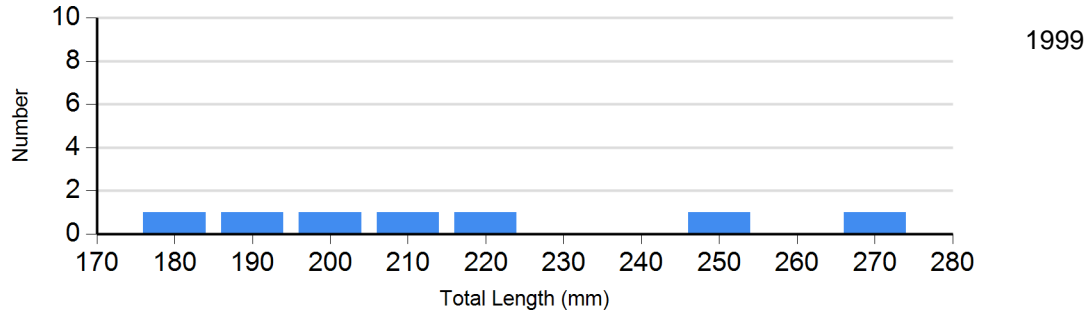
Site: 1383
Species: White Sucker



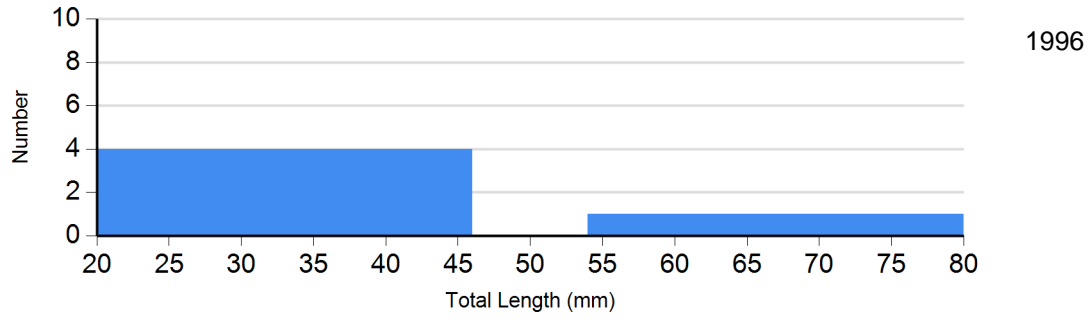
Site: 1393
Species: Brown Trout



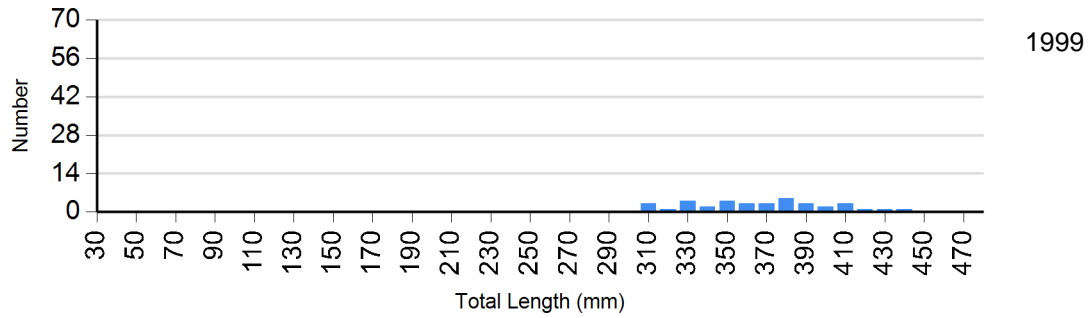
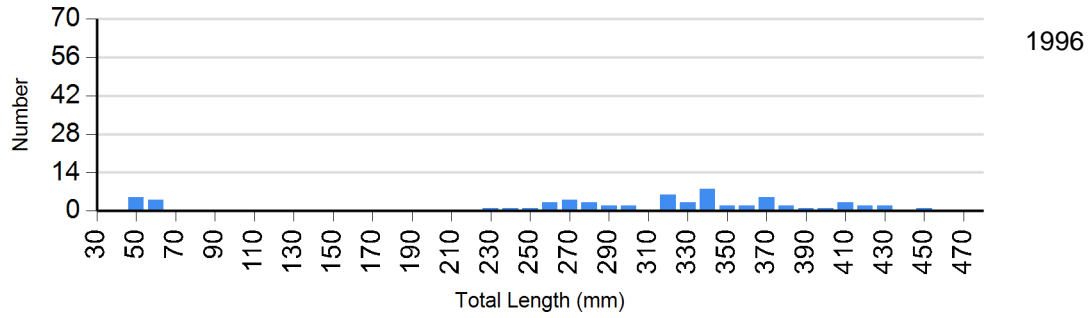
Site: 1393
Species: Hatchery Brown Trout



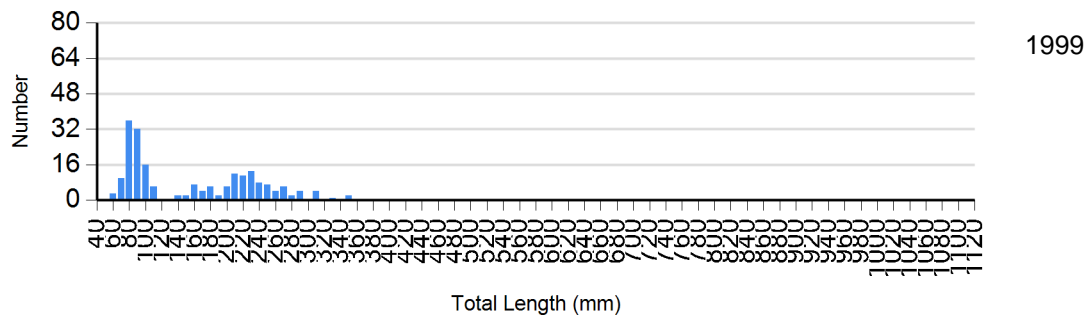
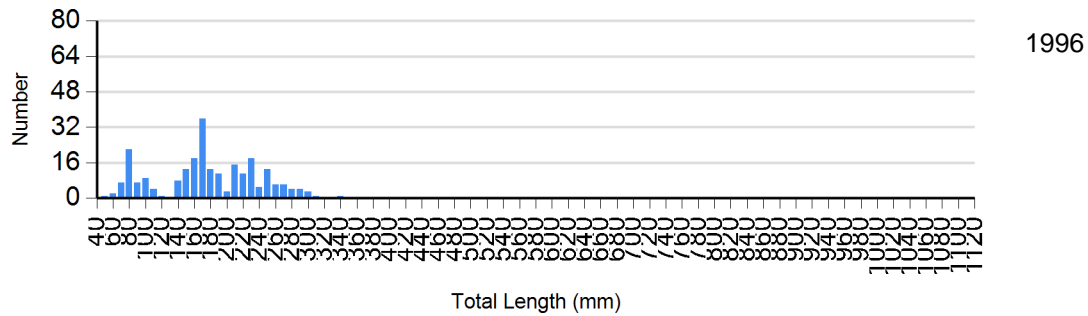
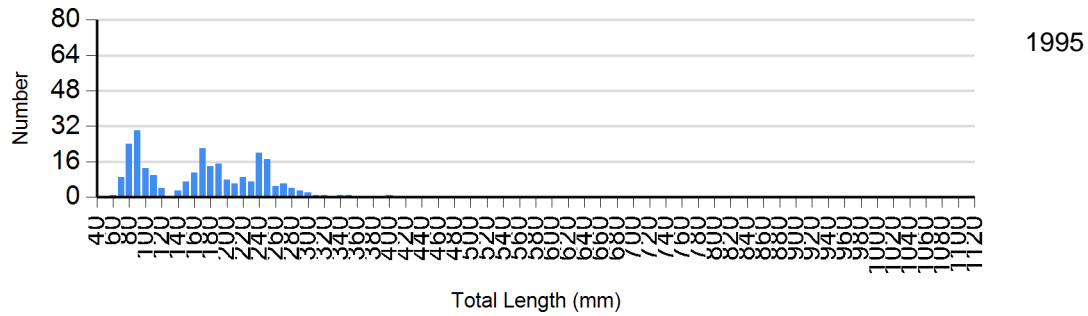
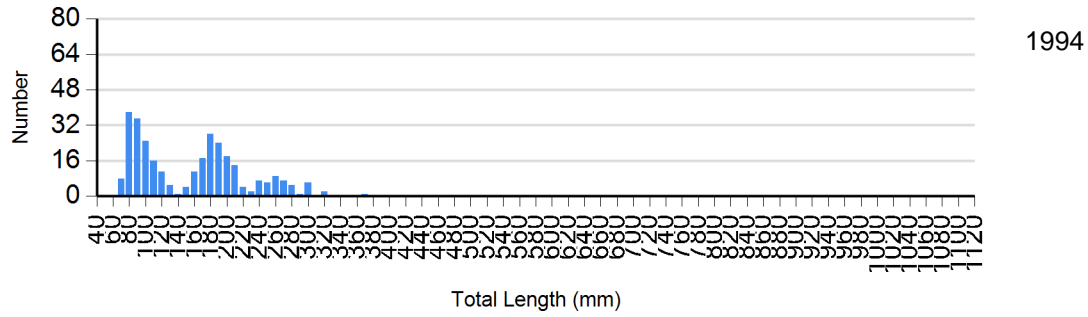
Site: 1393
Species: Longnose Dace



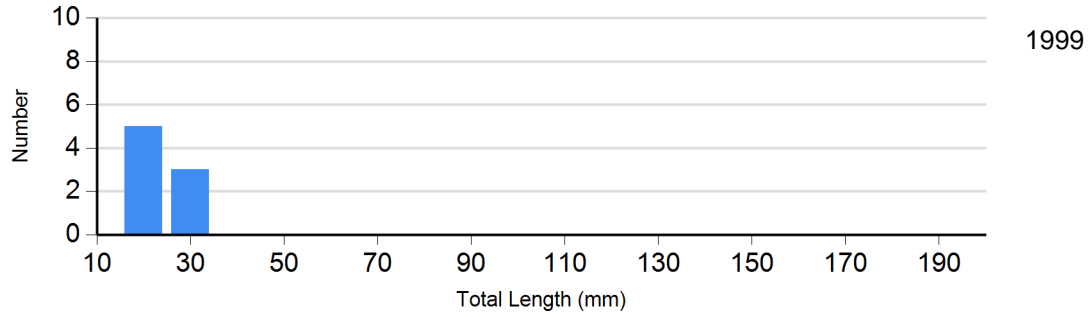
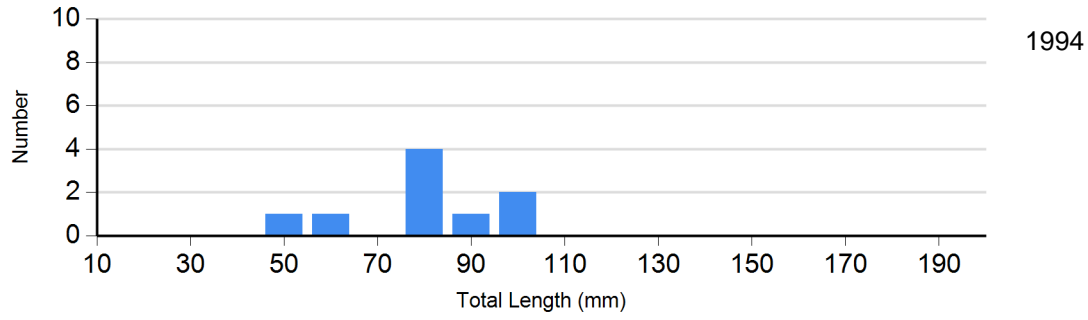
Site: 1393
Species: White Sucker



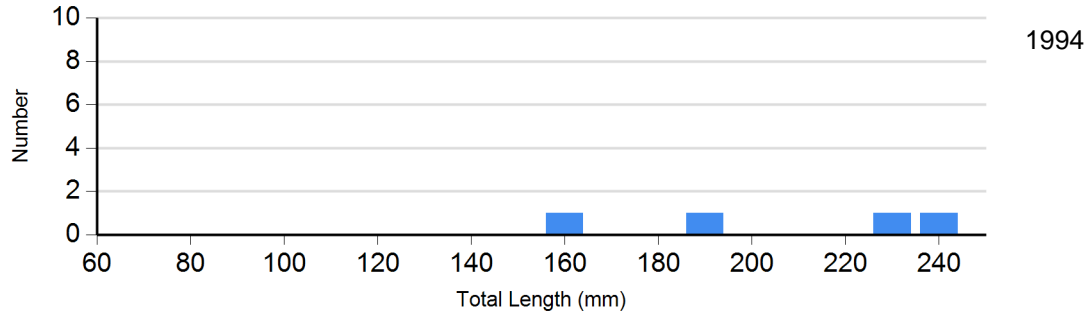
Site: 1412
Species: Brown Trout



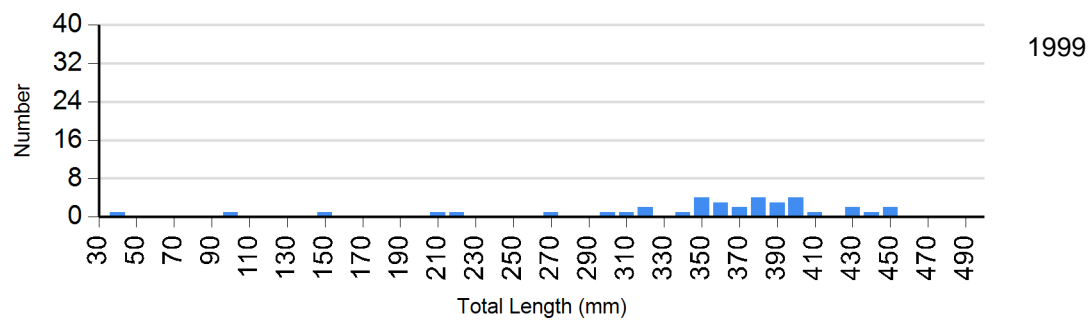
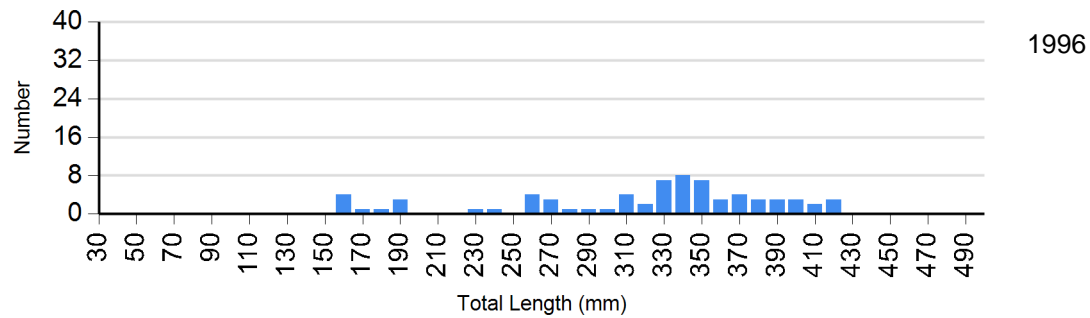
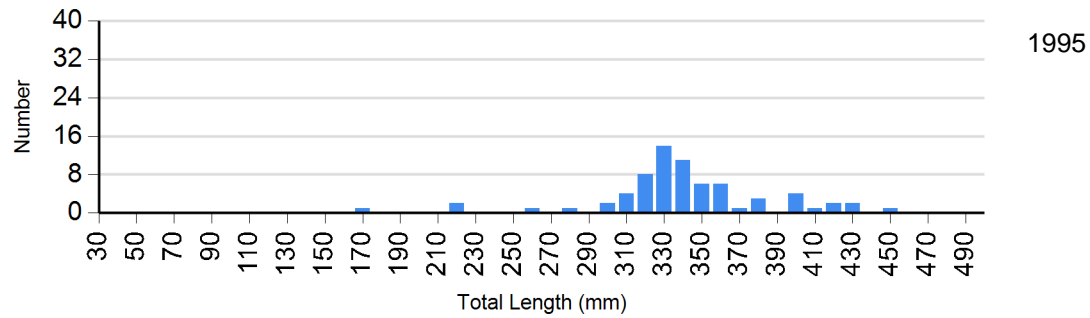
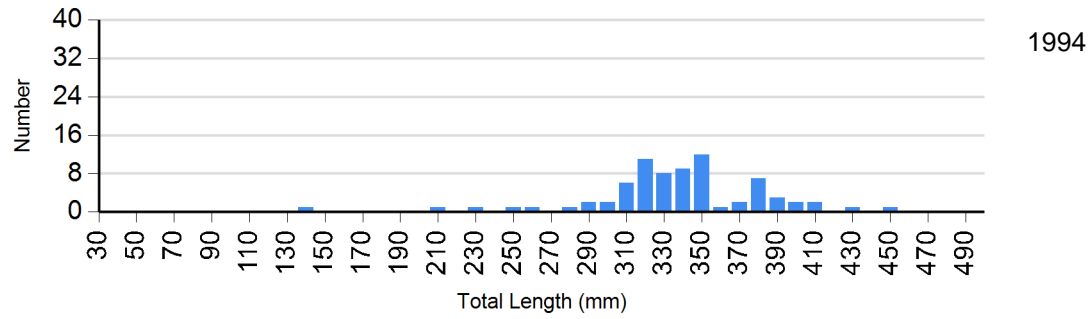
Site: 1412
Species: Longnose Dace



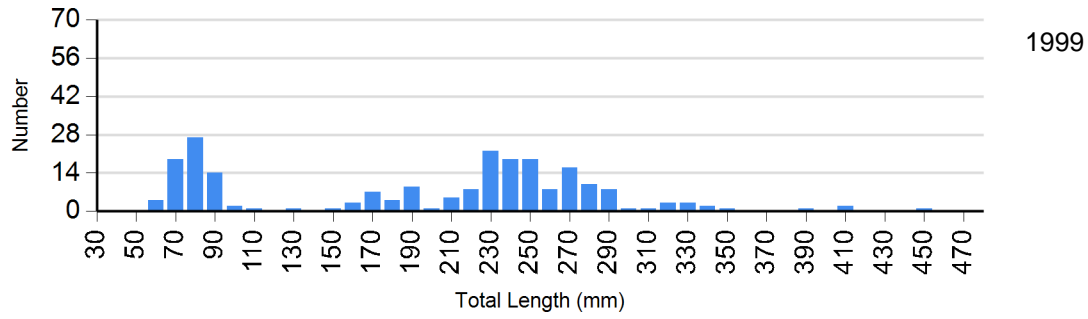
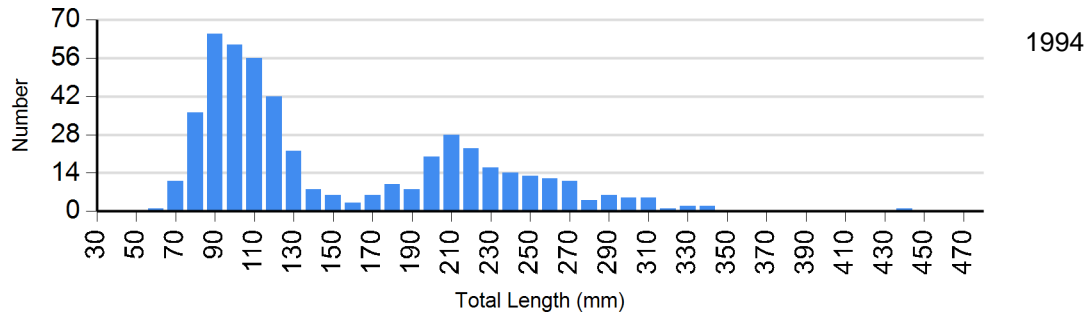
Site: 1412
Species: Mountain Sucker



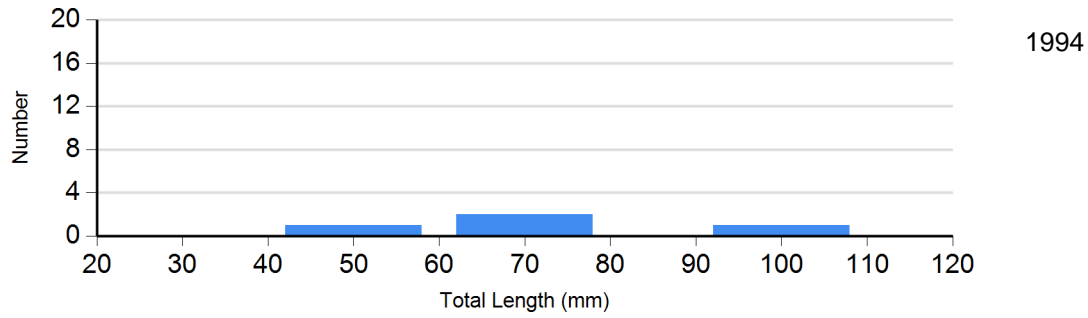
Site: 1412
Species: White Sucker



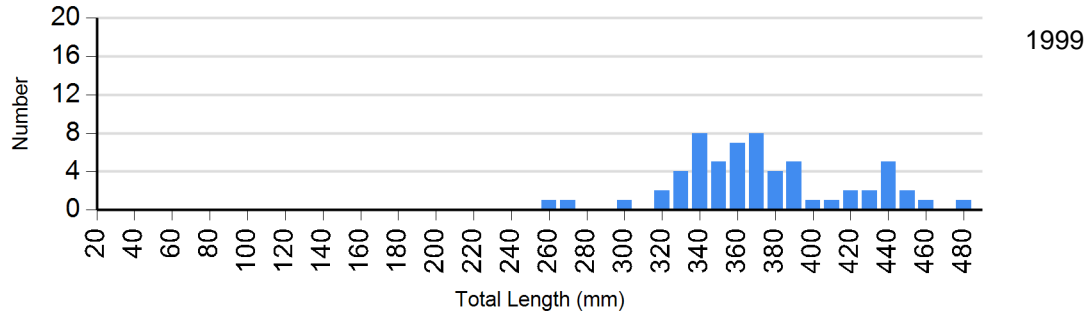
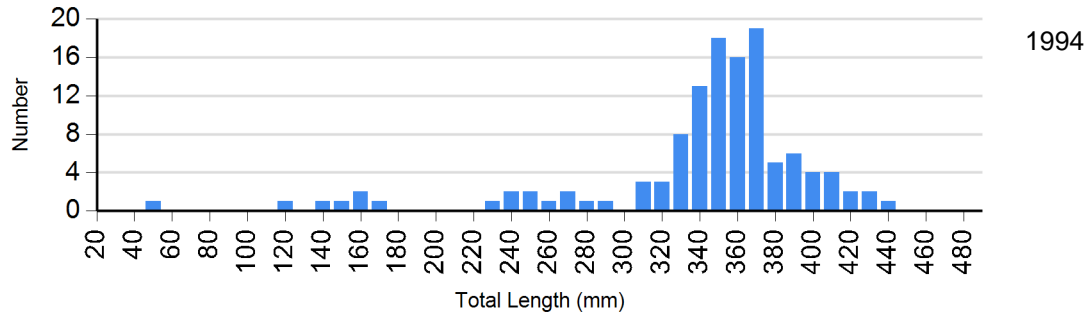
Site: 1434
Species: Brown Trout



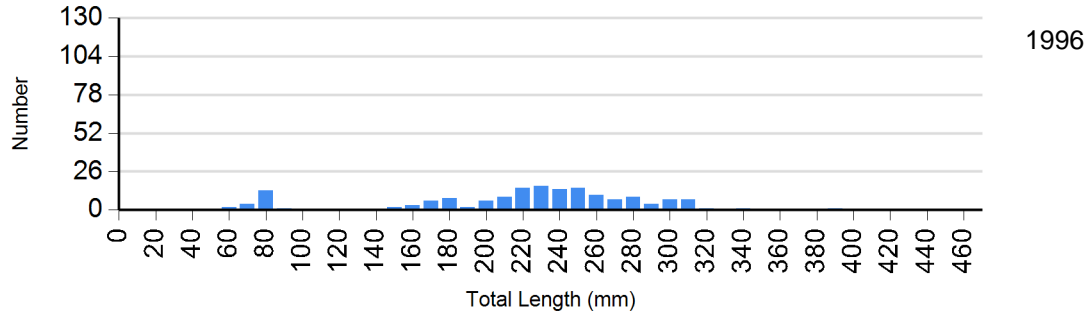
Site: 1434
Species: Longnose Dace

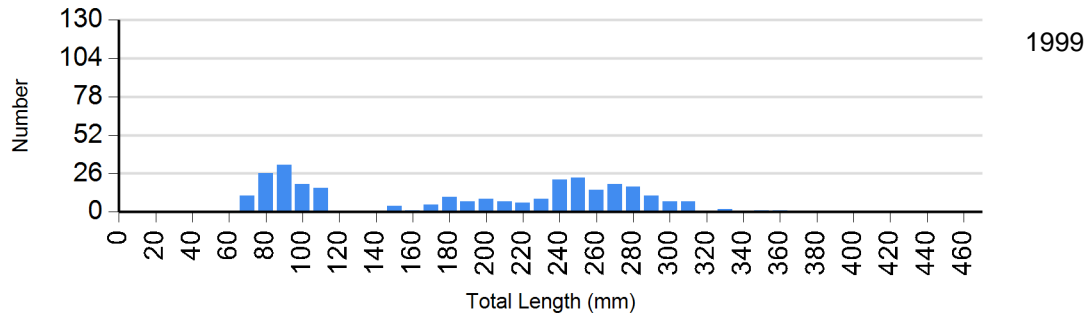
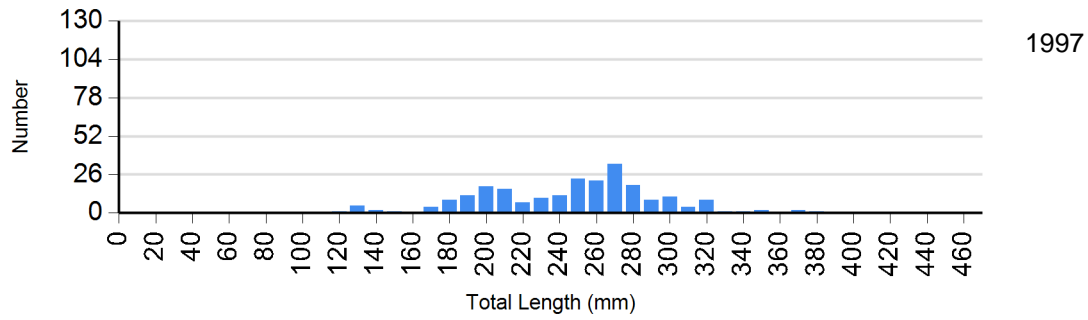


Site: 1434
Species: White Sucker

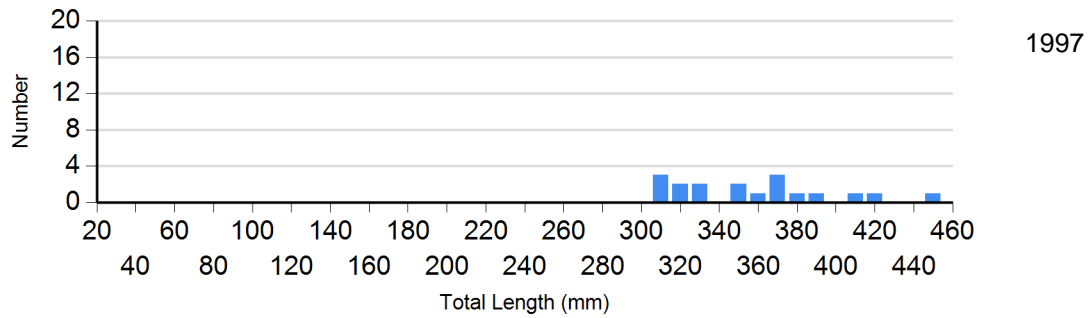
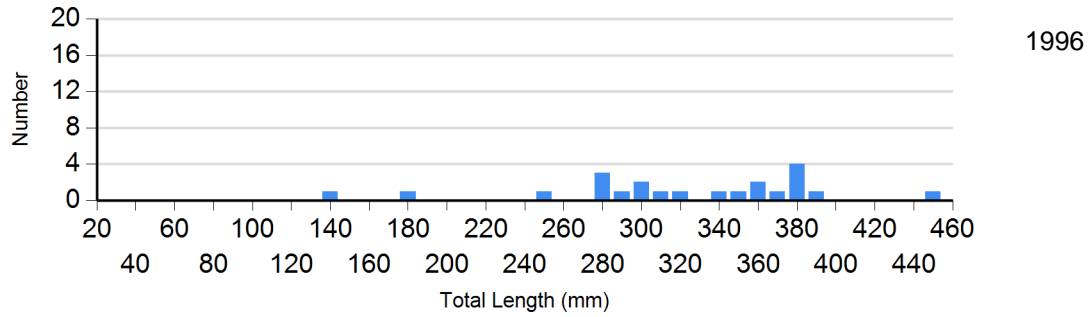


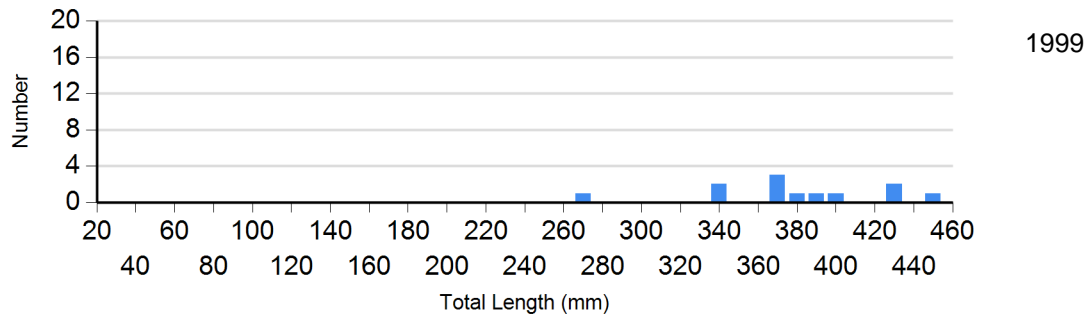
Site: 1444
Species: Brown Trout



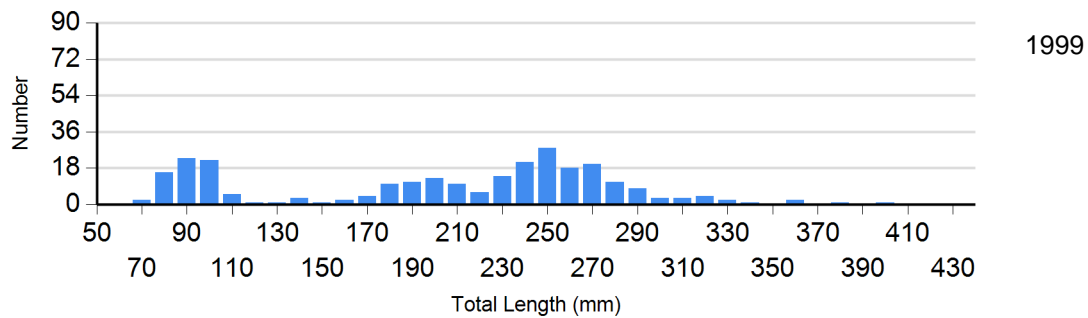
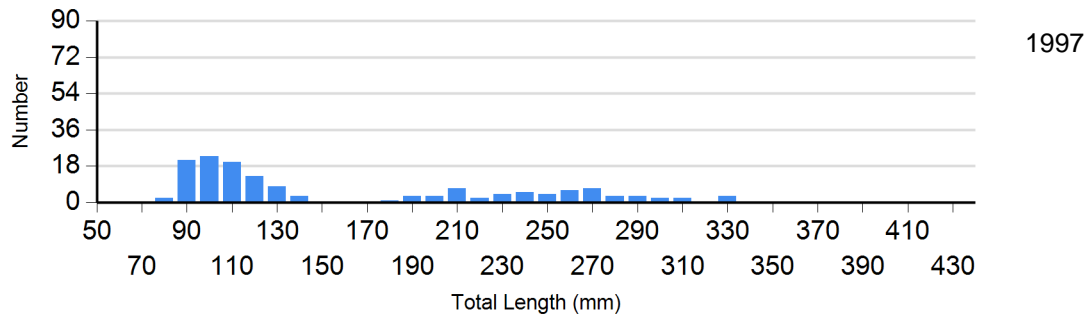
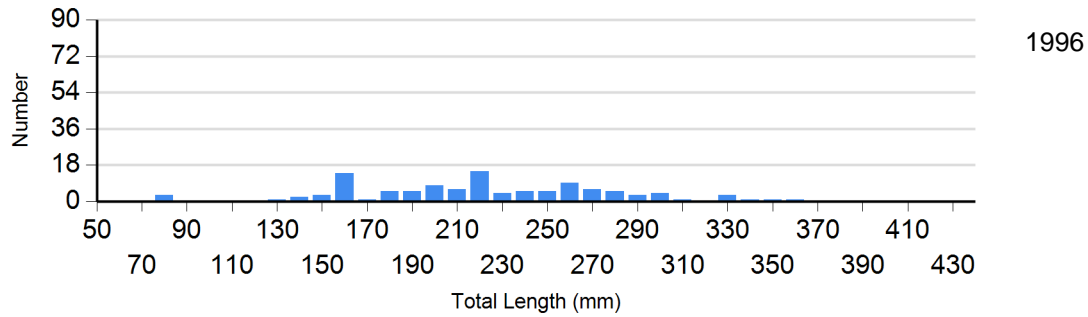


Site: 1444
Species: White Sucker

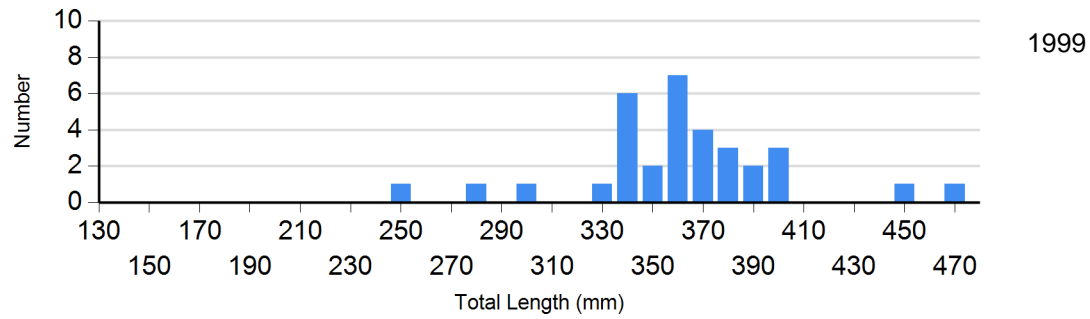
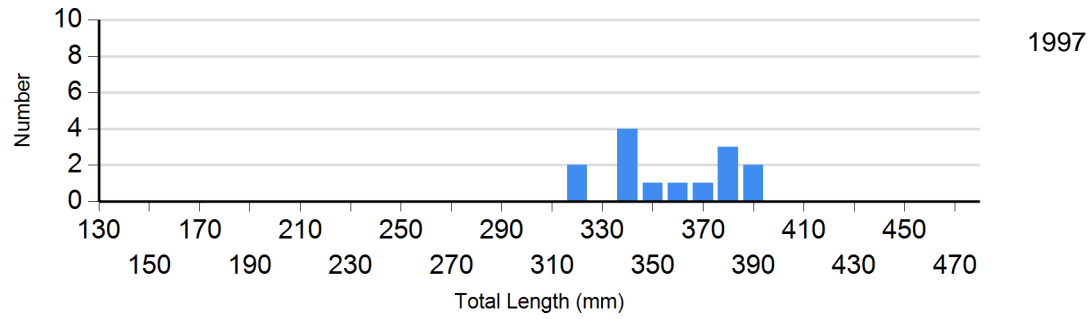
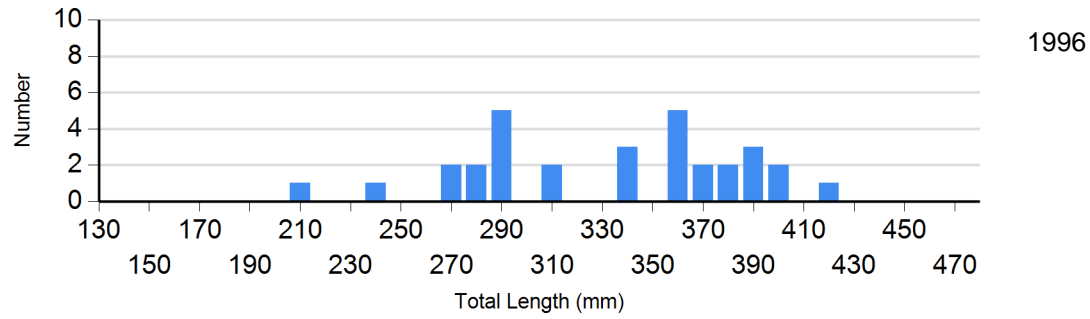




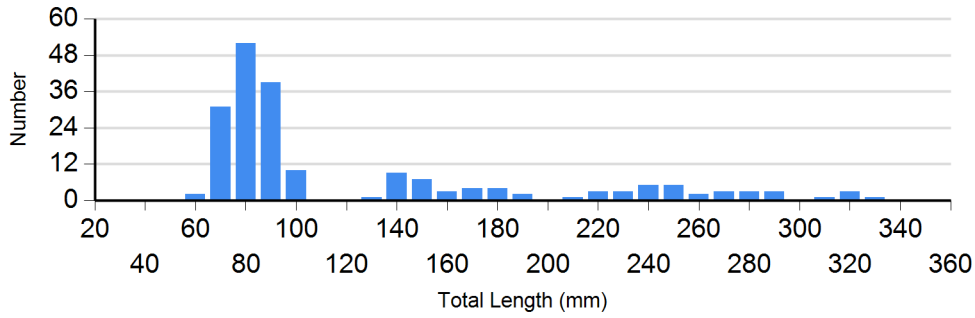
Site: 1449
Species: Brown Trout



Site: 1449
Species: White Sucker

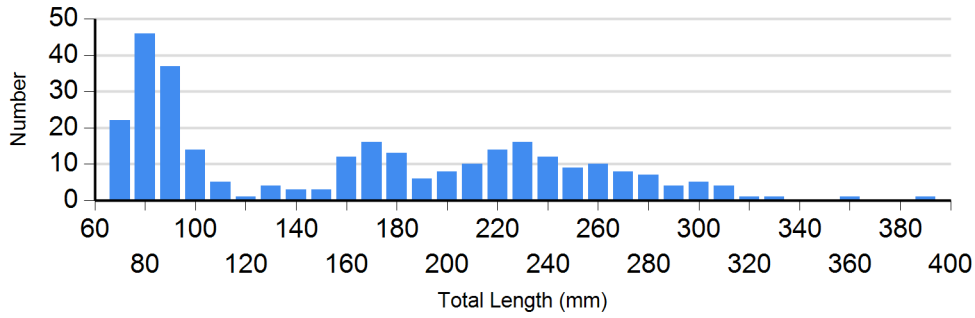


Site: 1510
Species: Brown Trout



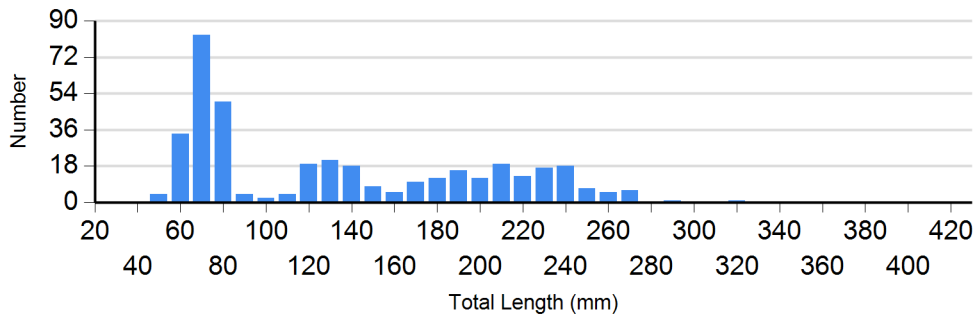
1999

Site: 1533
Species: Brown Trout

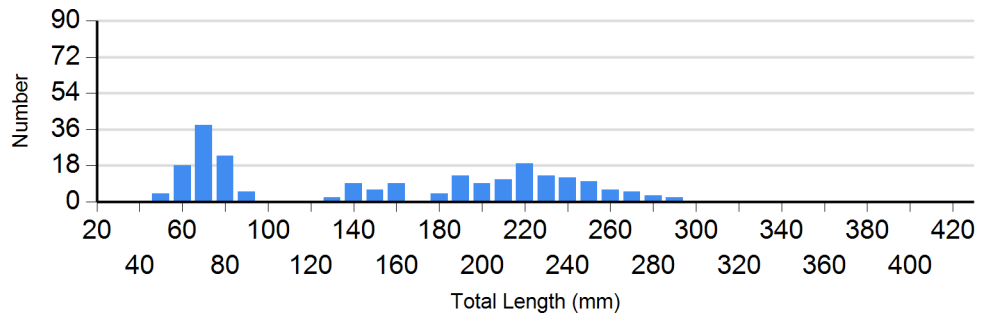
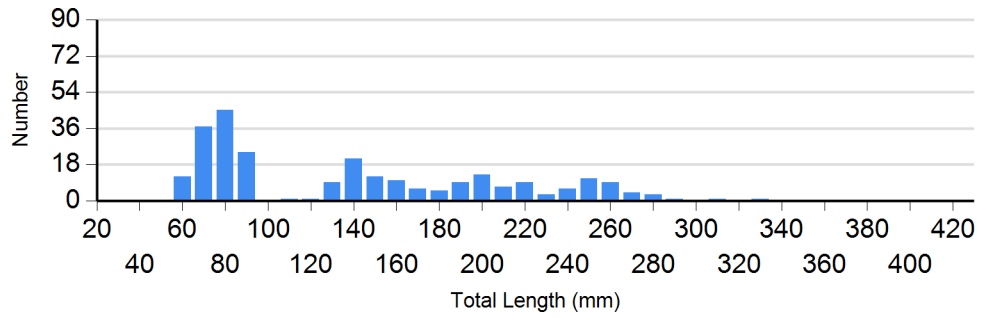
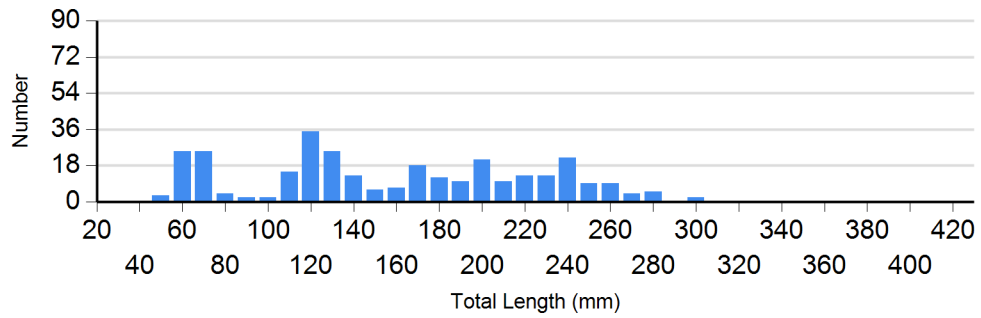


1999

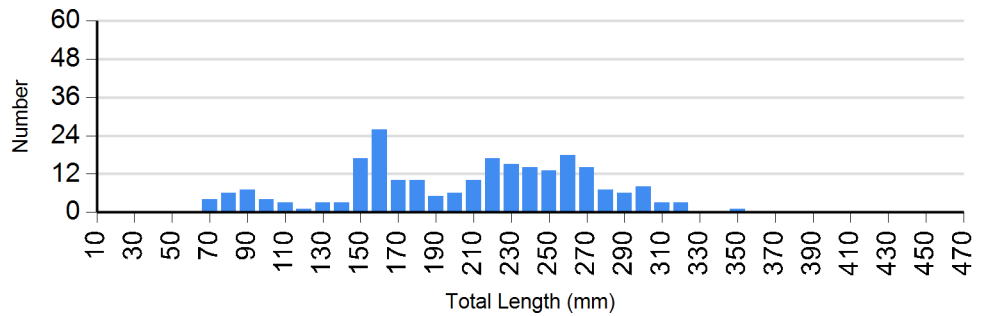
Site: 1656
Species: Brown Trout



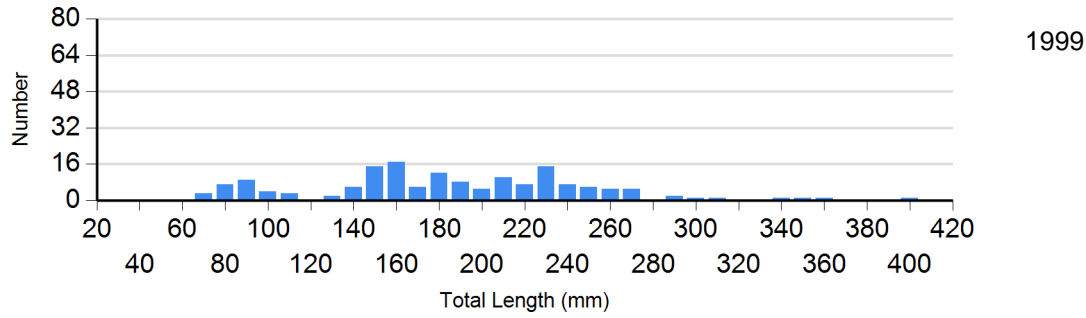
1994



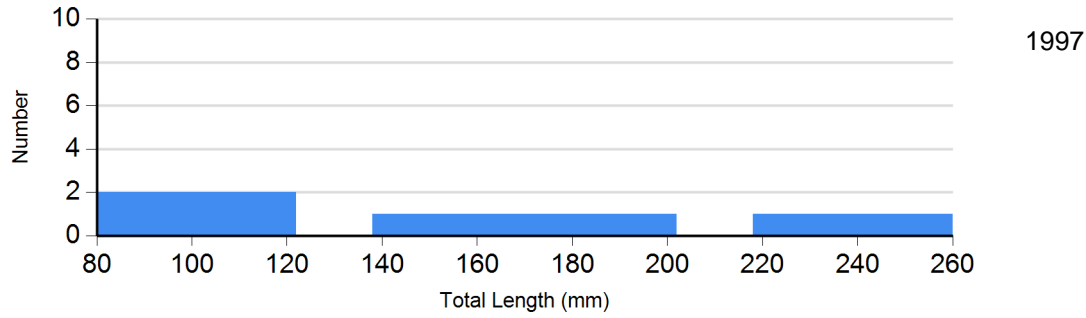
Site: 1752
Species: Brown Trout



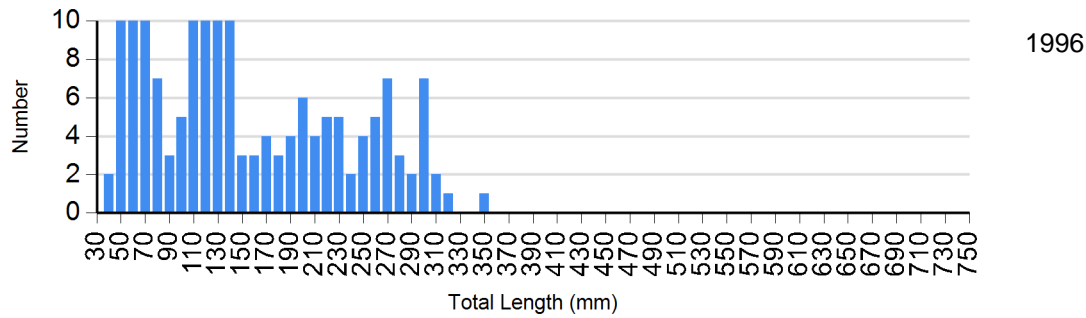
Site: 1812
Species: Brown Trout

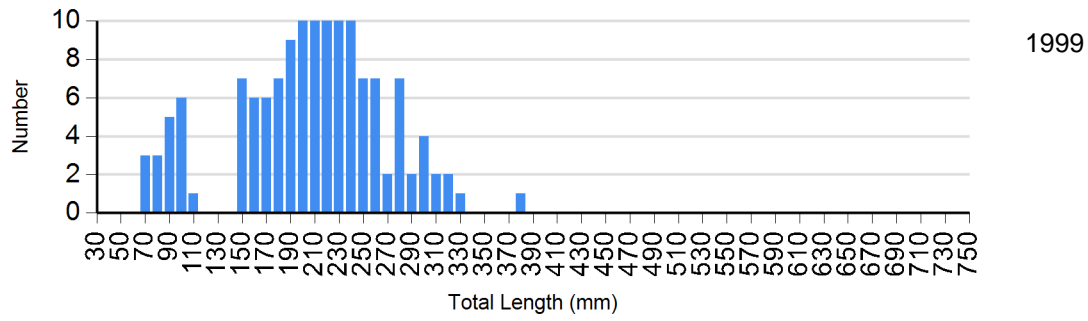
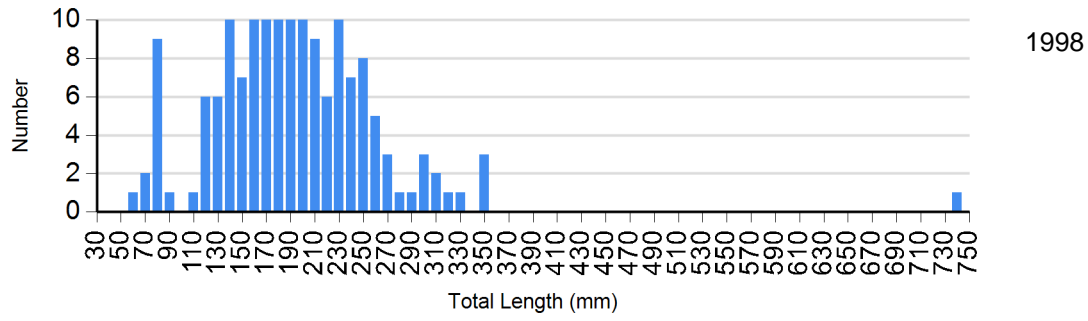
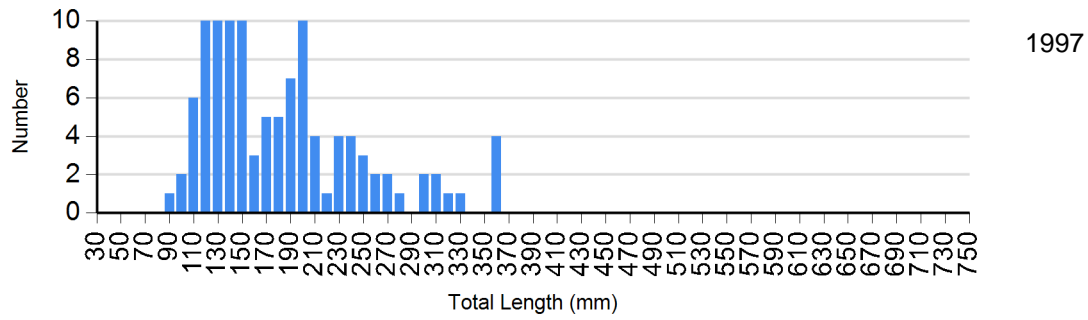


Site: 1820
Species: Brook Trout

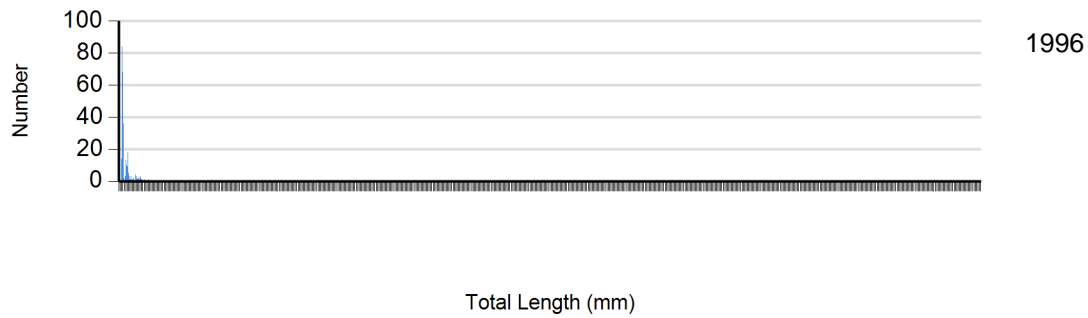


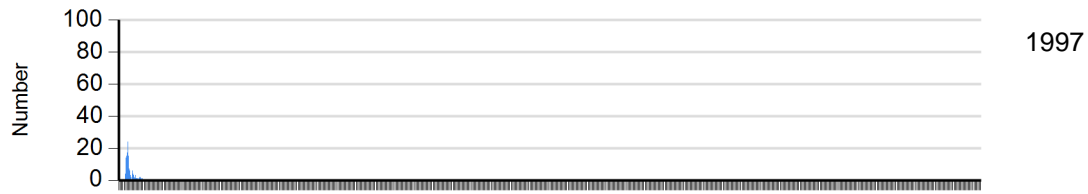
Site: 1820
Species: Brown Trout



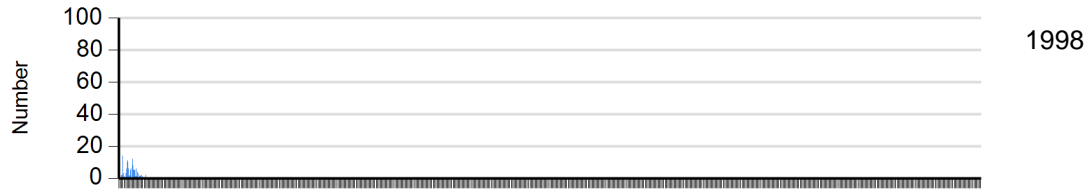


Site: 1833
Species: Brown Trout

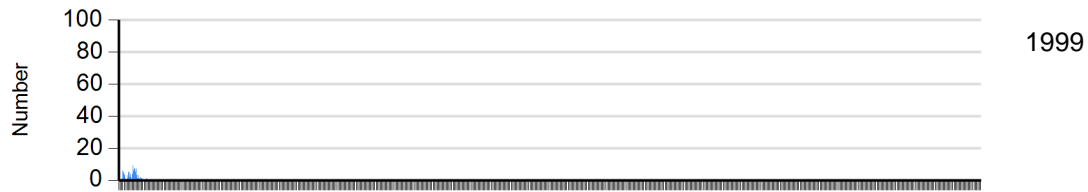




Total Length (mm)

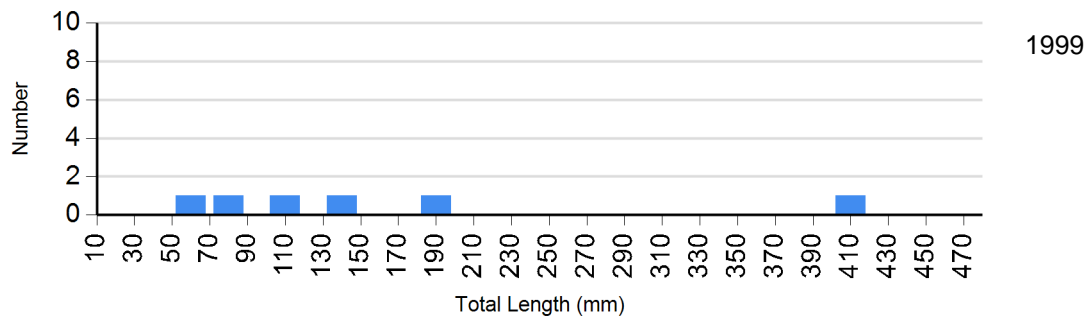


Total Length (mm)

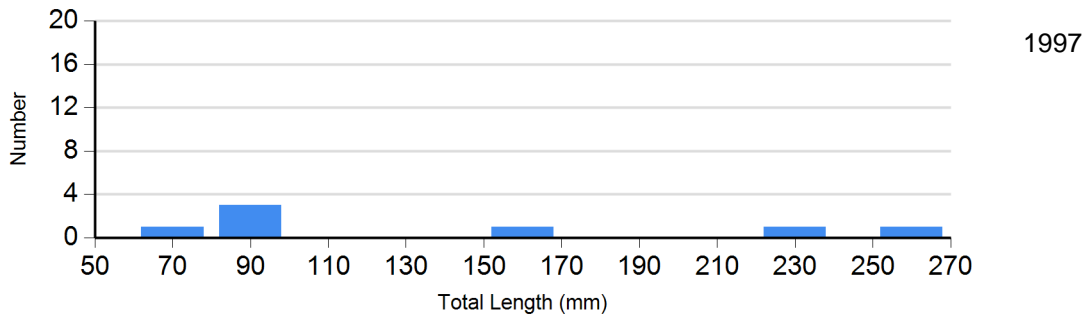
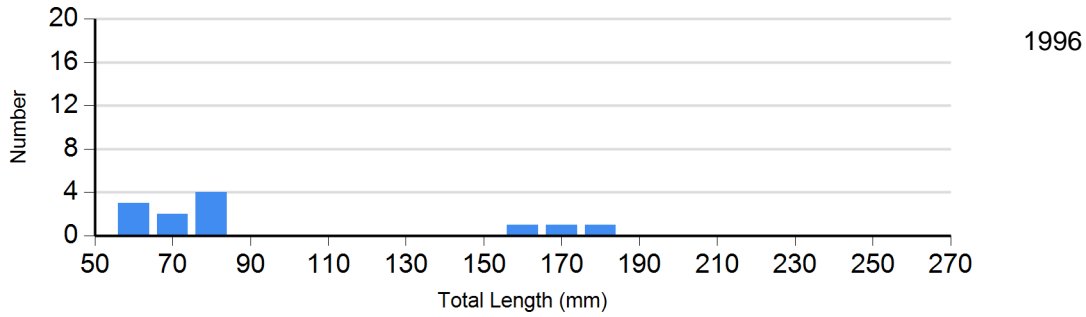
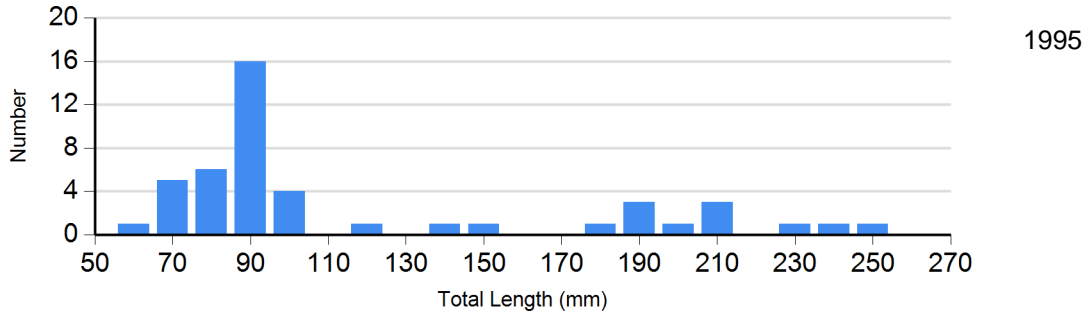
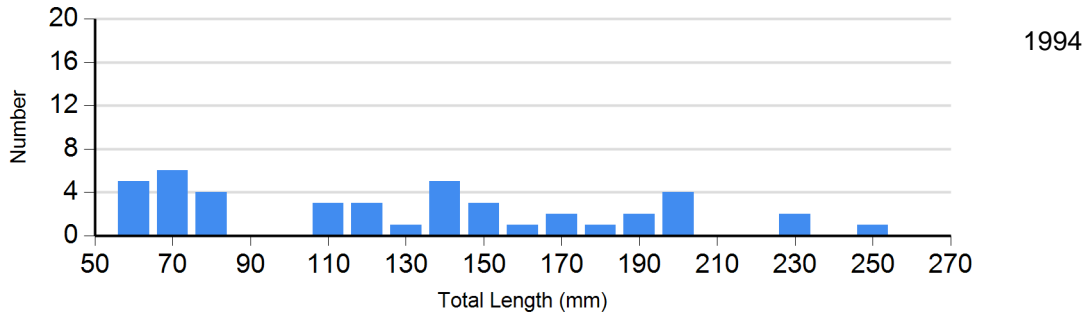


Total Length (mm)

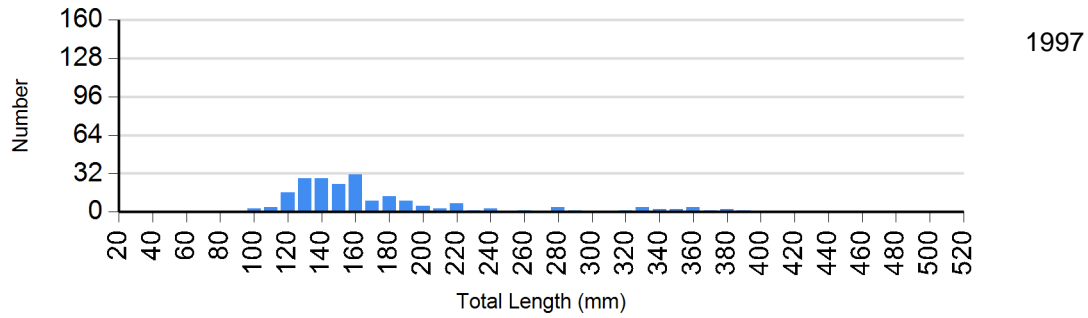
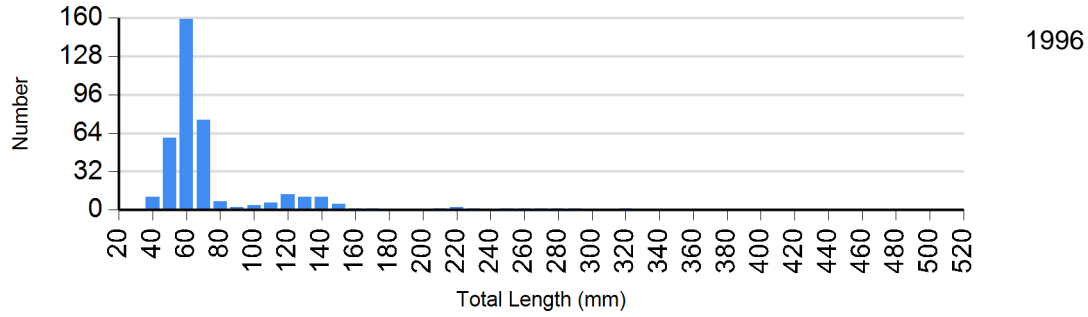
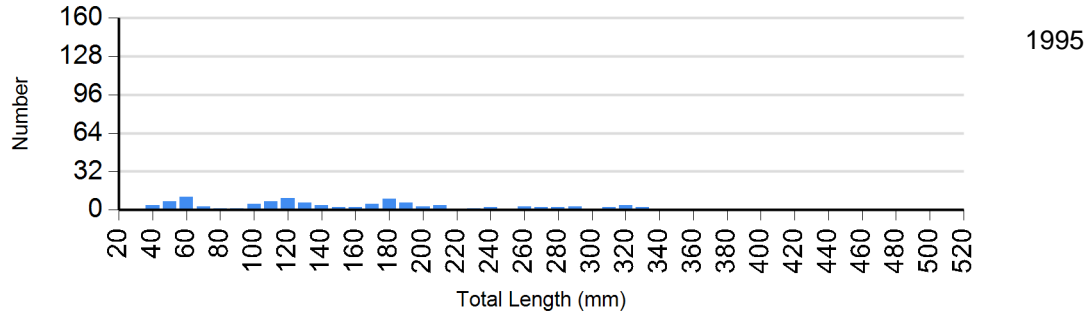
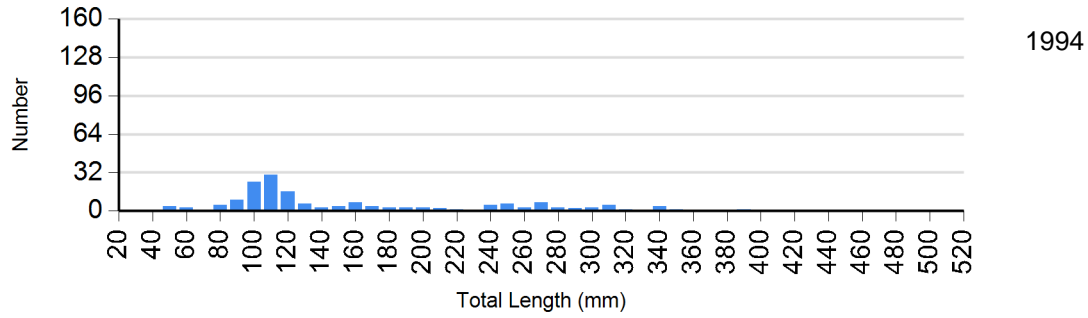
Site: 1833
Species: Rainbow Trout

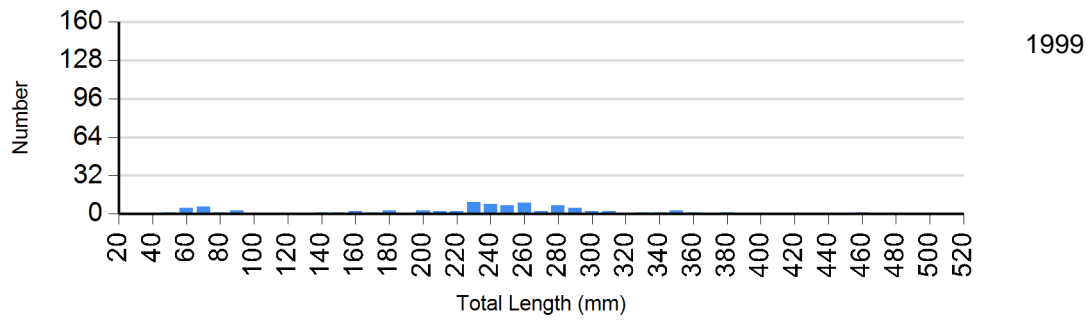
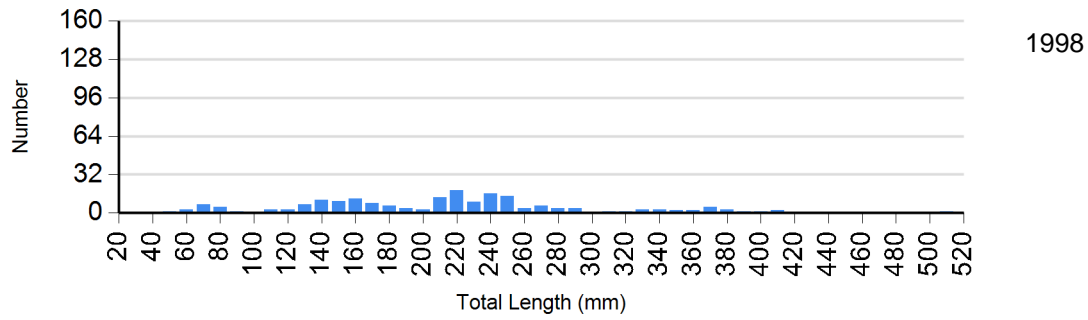


Site: 1843
Species: Brook Trout

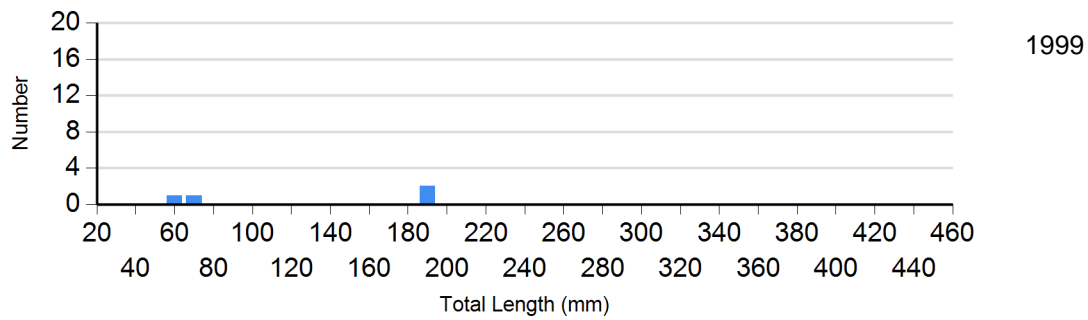
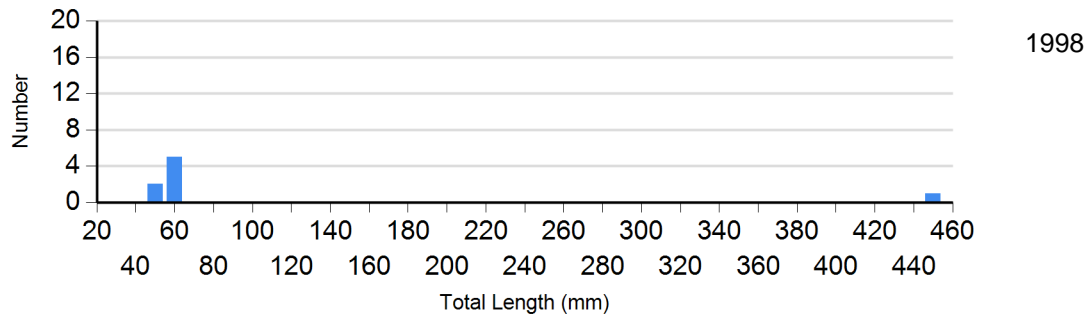


Site: 1843
Species: Brown Trout

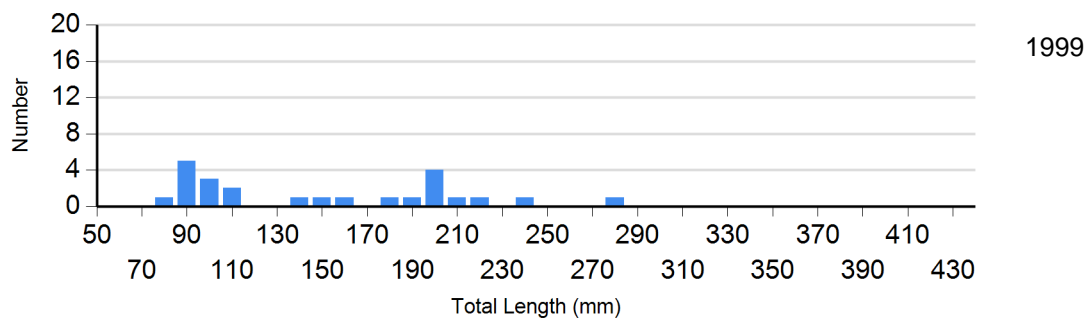
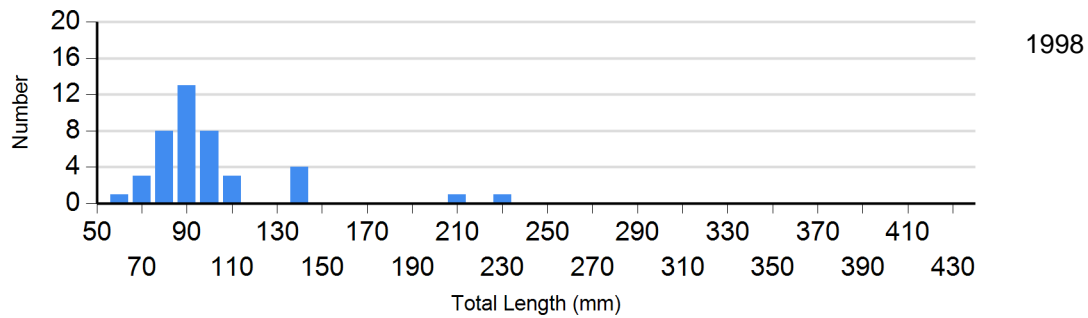
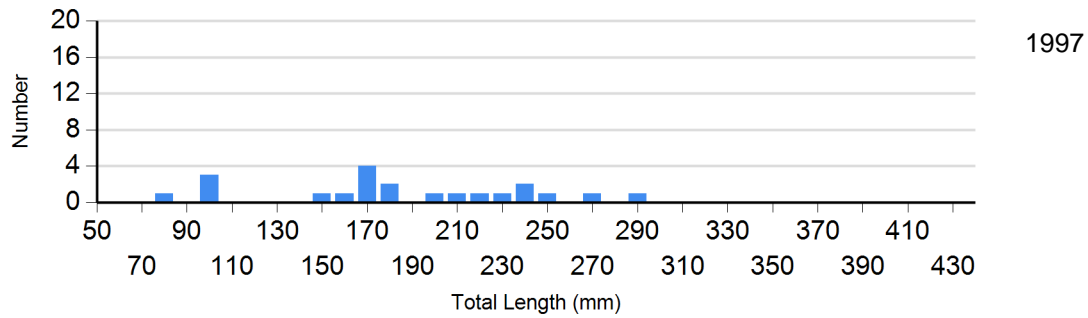
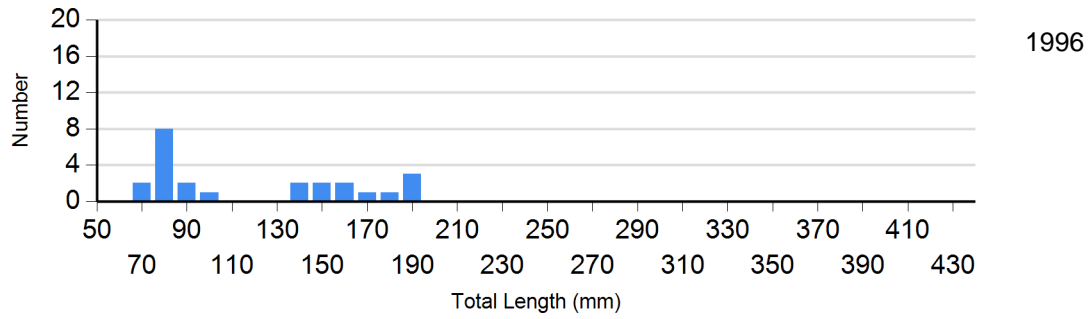




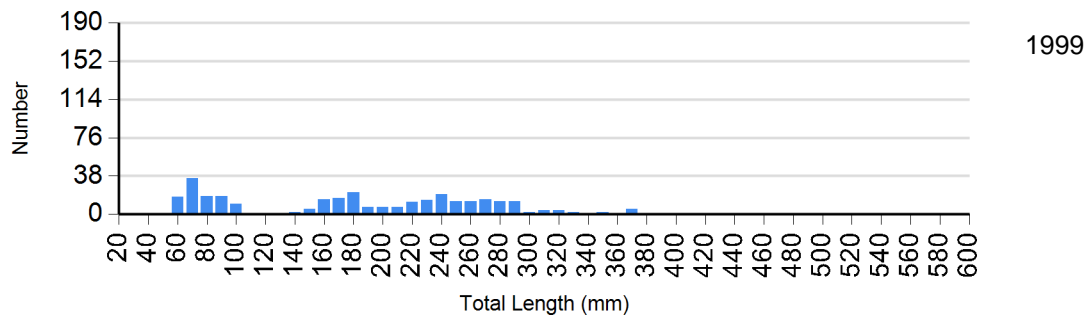
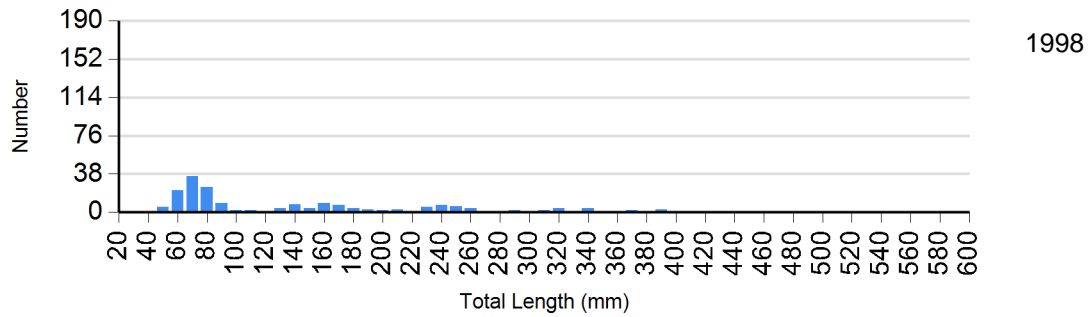
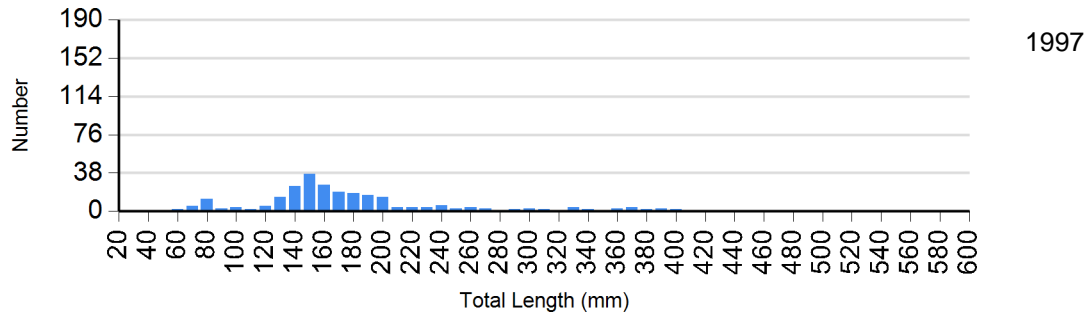
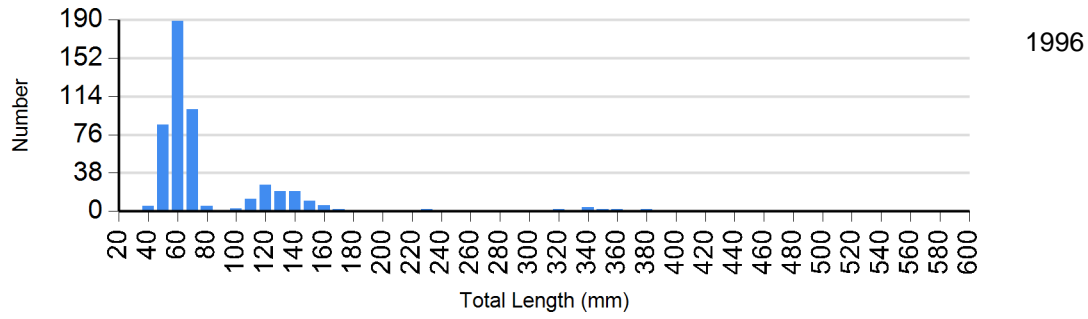
Site: 1843
Species: Rainbow Trout



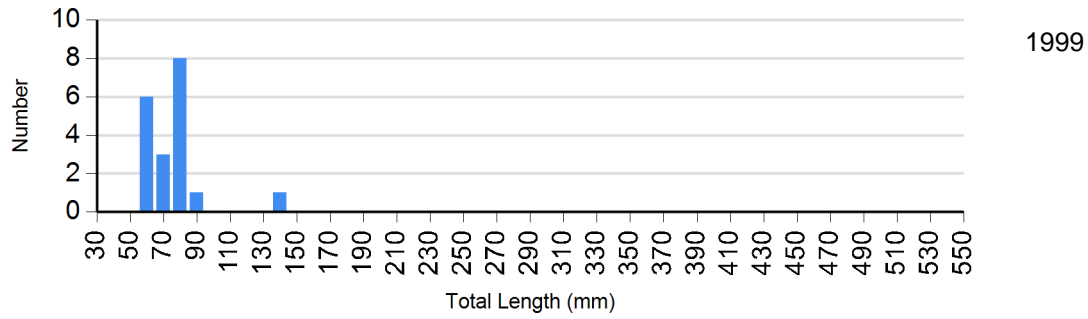
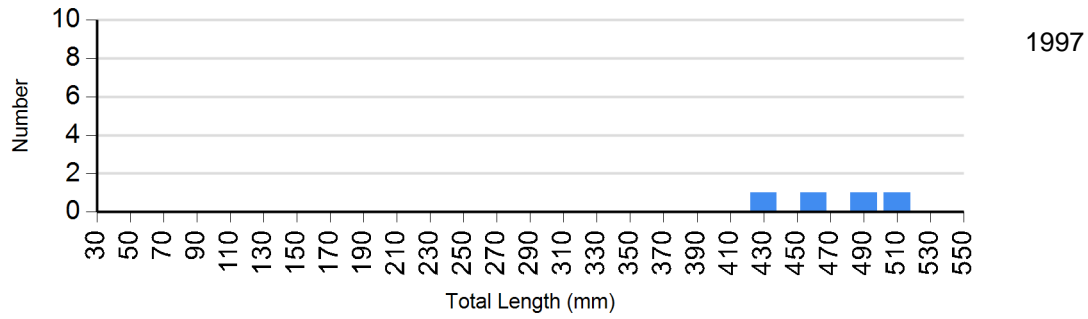
Site: 1849
Species: Brook Trout



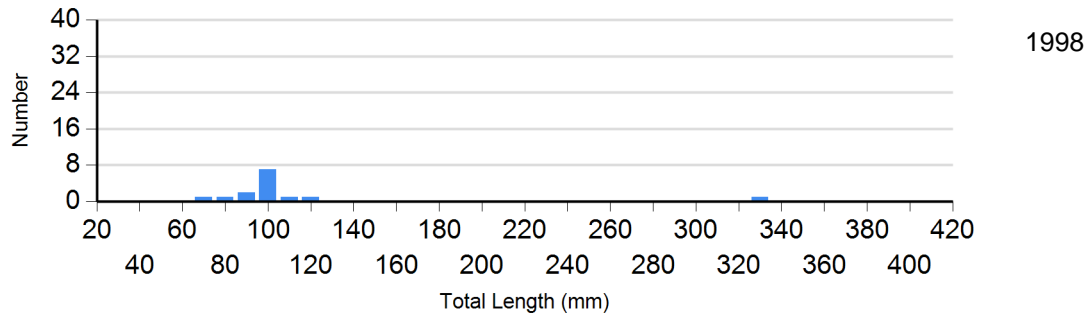
Site: 1849
Species: Brown Trout

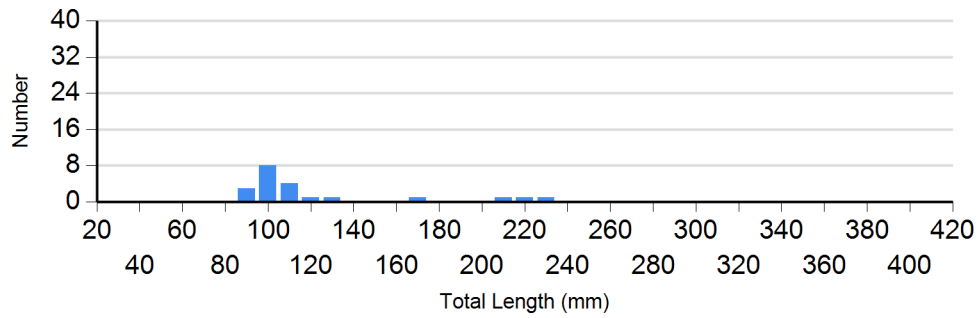


Site: 1849
Species: Rainbow Trout

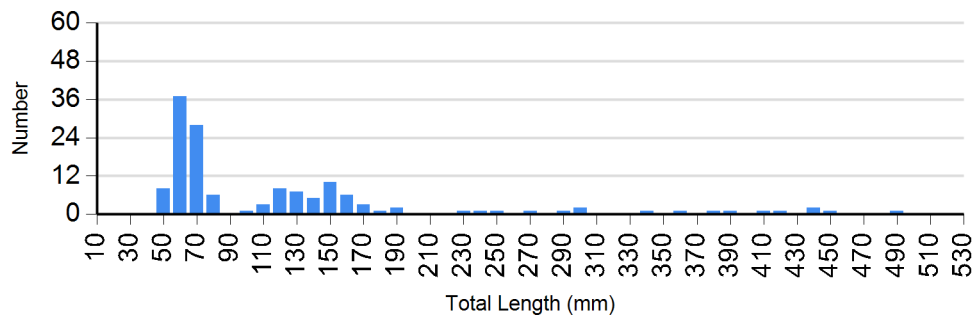
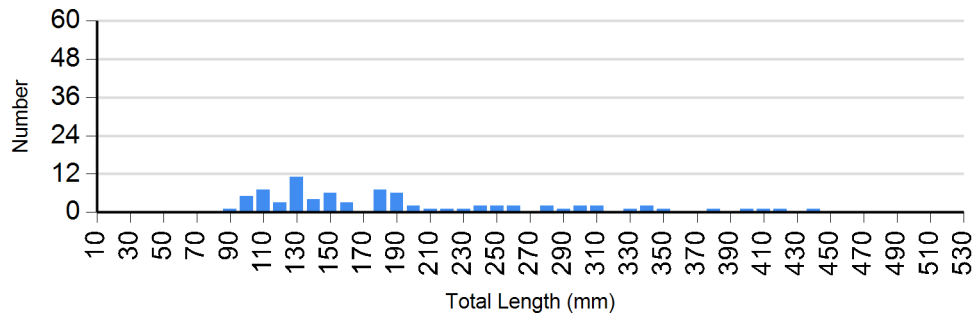
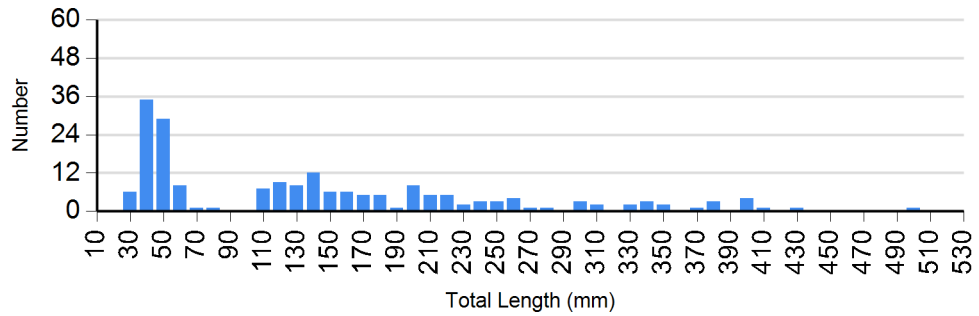


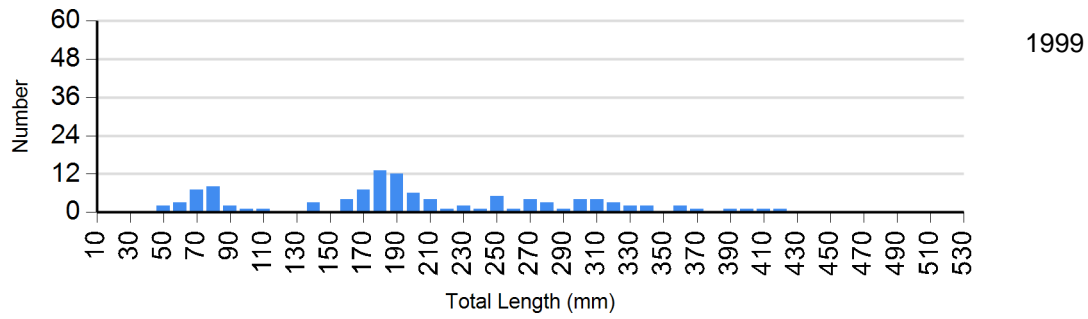
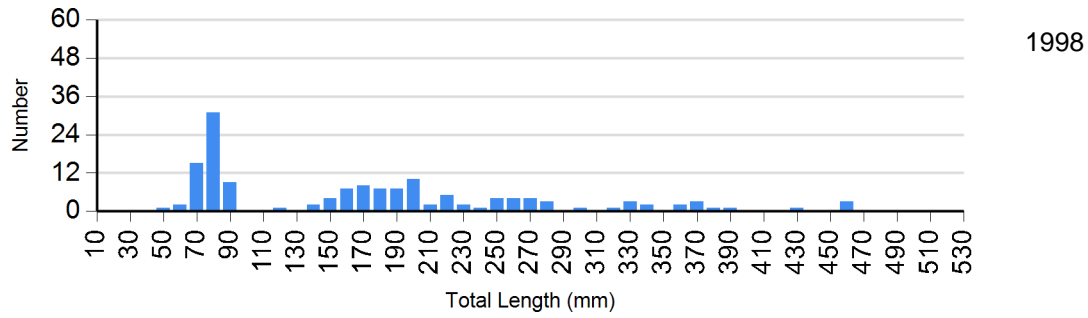
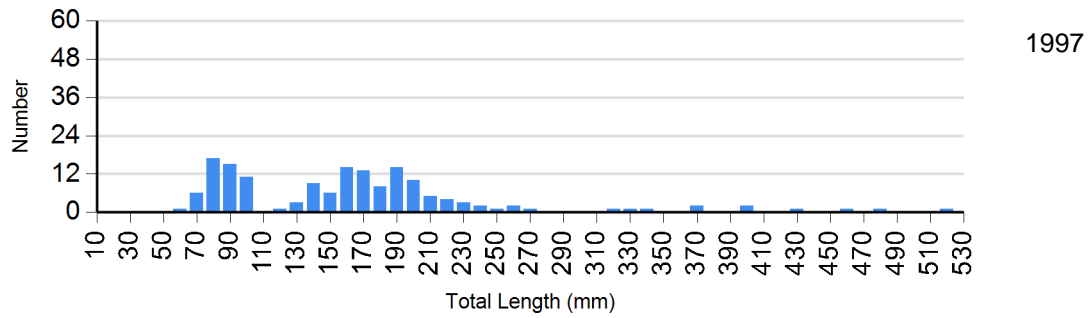
Site: 1853
Species: Brook Trout



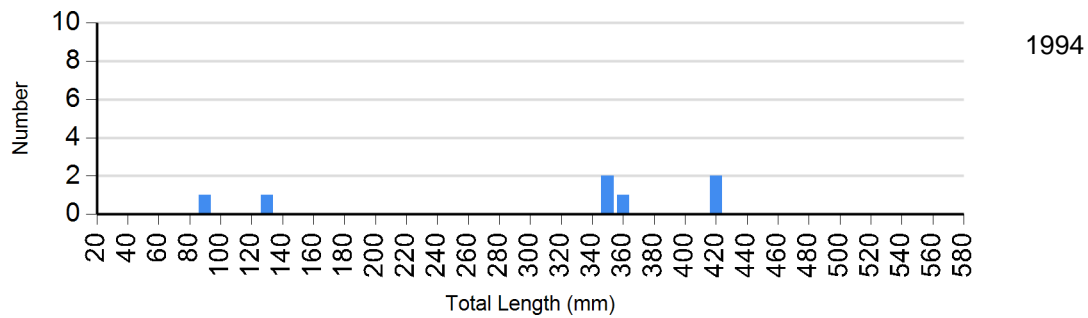


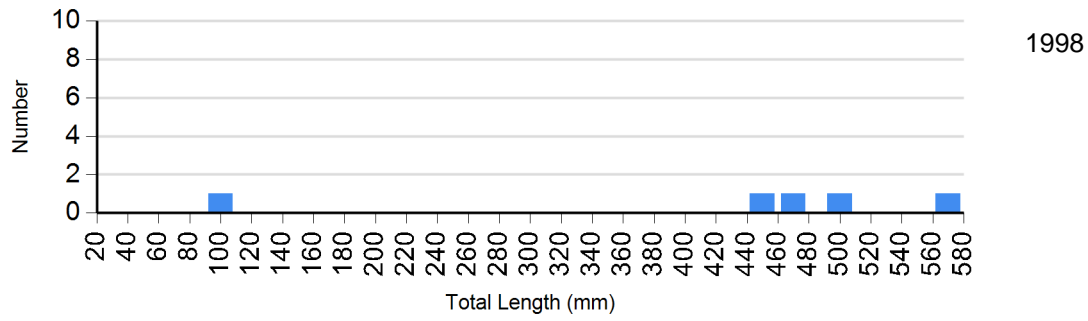
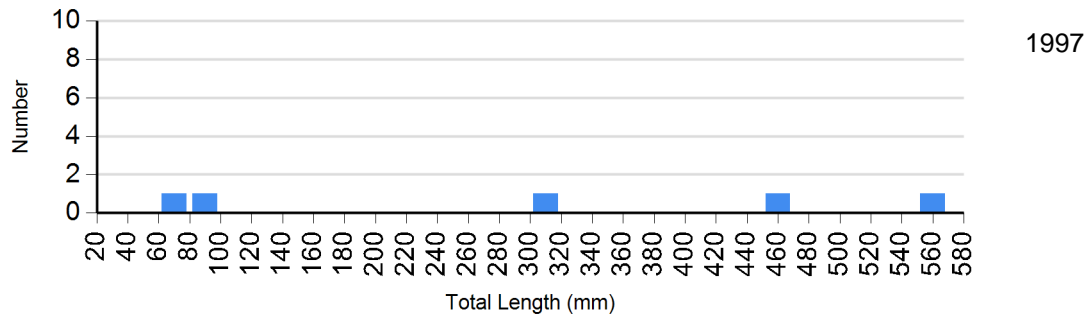
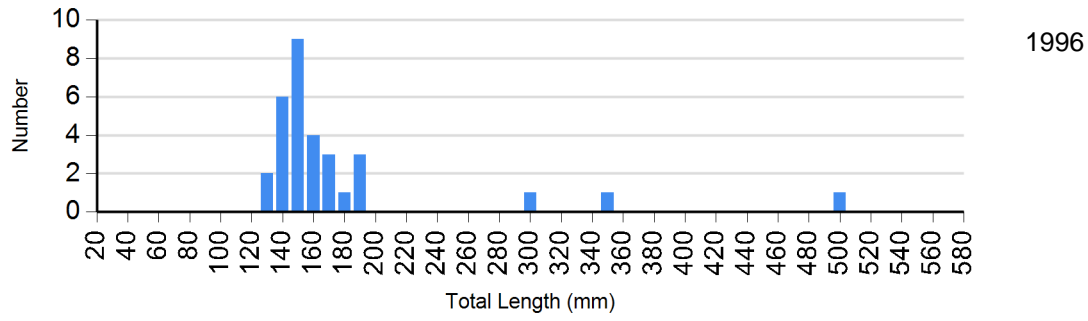
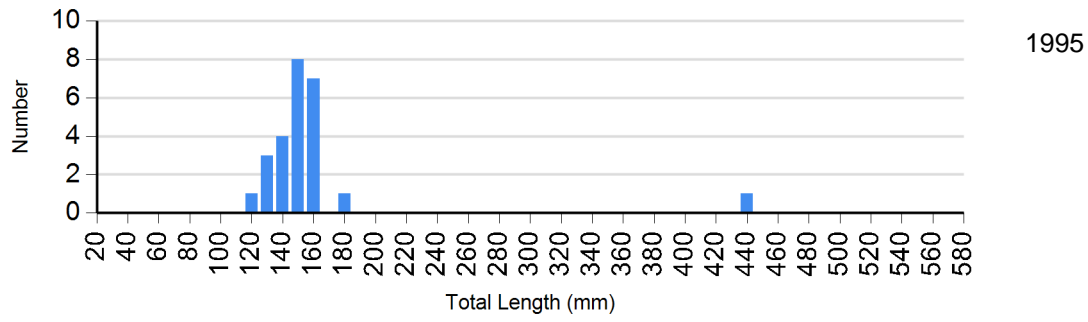
Site: 1853
Species: Brown Trout

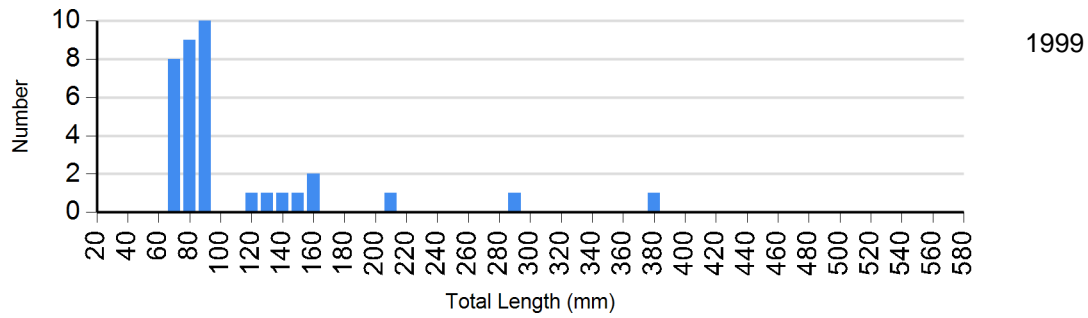




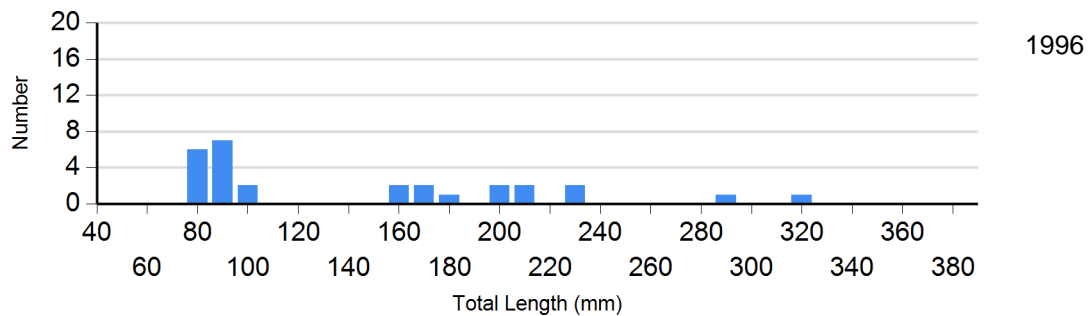
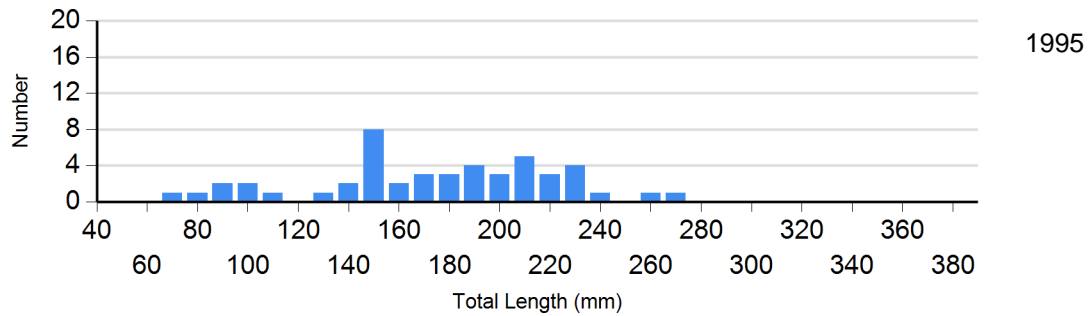
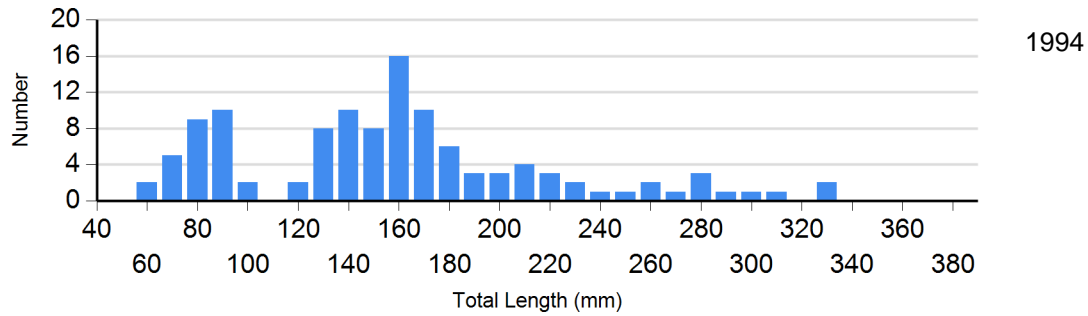
Site: 1853
Species: Rainbow Trout

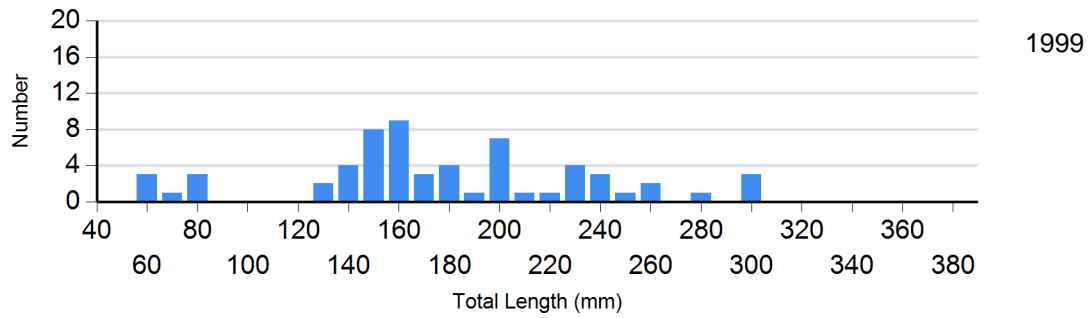




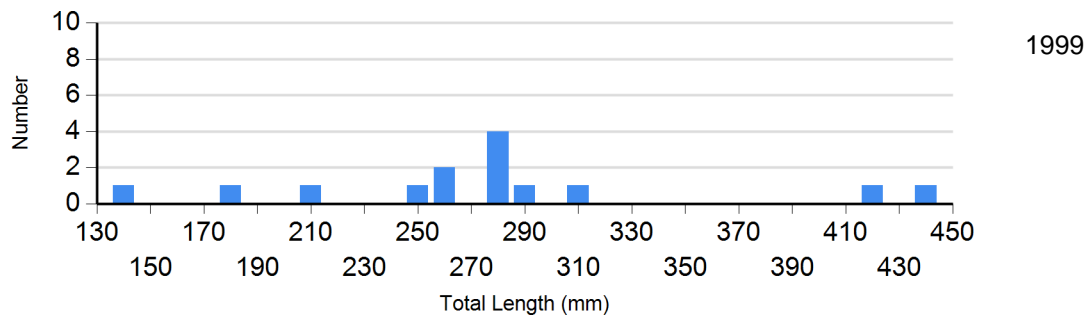
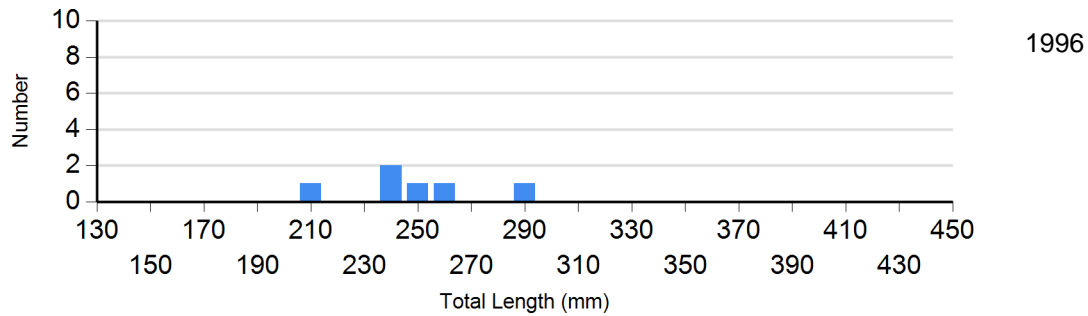
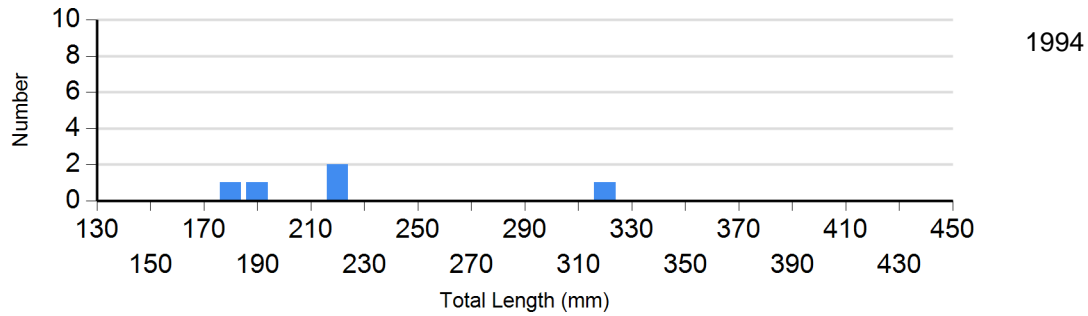


Site: 1930
Species: Brown Trout

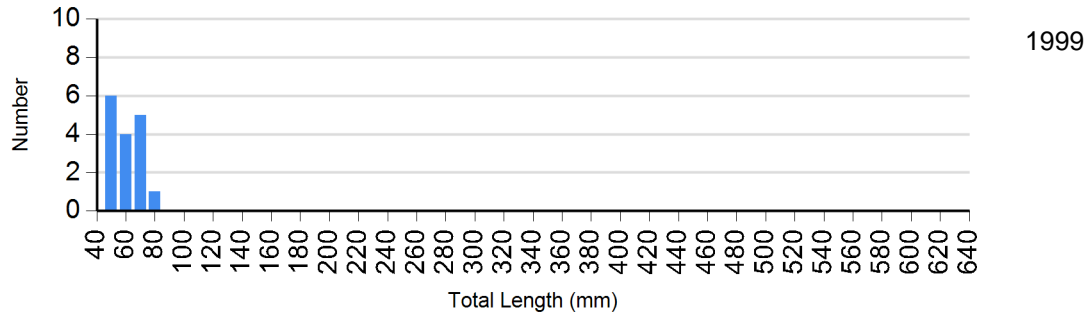




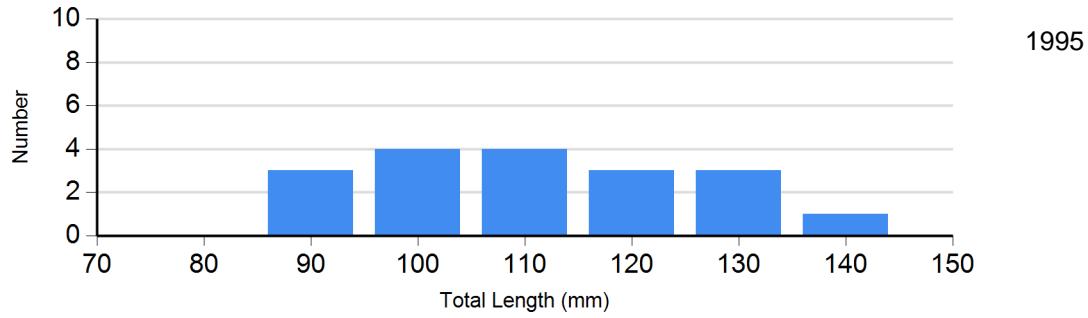
Site: 1930
Species: Hatchery Rainbow Trout



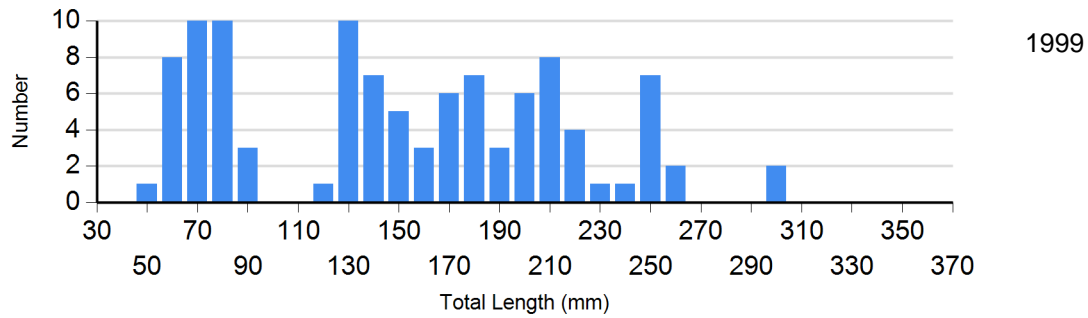
Site: 1930
Species: Rainbow Trout



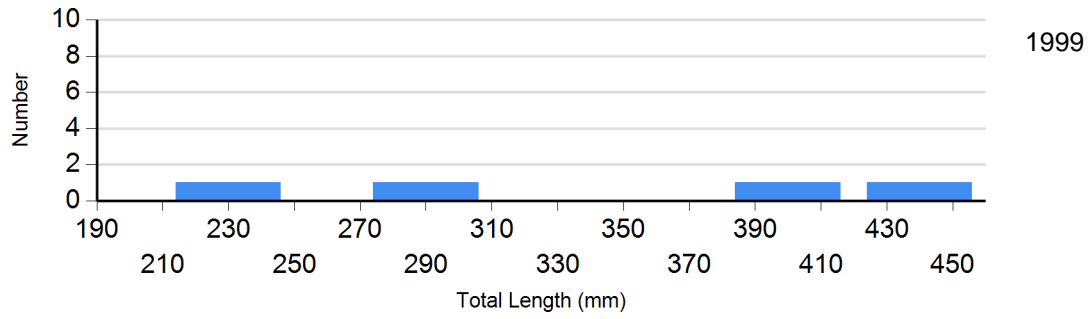
Site: 1930
Species: Rock Bass



Site: 1952
Species: Brown Trout



Site: 1952
Species: Hatchery Rainbow Trout



Site: 1952
Species: Rainbow Trout

