

New Data Format

Location: Revere

Data Collected By:

Are there more fish upstream or downstream of a tidal restriction? More species upstream or down? Bigge

Date	Year	Season	Trap #	Amnt time	Area	Total of each species:					
						Mummik	Killifish	9 spinec	Shrimp	Crab	Eel
9/29/2000	2000	Fall	SRT	17.58		131	0	0	0	0	0
9/29/2000	2000	Fall	CULV	17.08		185	0	0	8	0	0
10/12/2000	2000	Fall	SRT	17.87		140	0	0	0	0	1
10/12/2000	2000	Fall	CULV	18.167		153	0	0	1	0	0
10/16/2000	2000	Fall	SRT	17.2		67	0	0	9	0	0
10/16/2000	2000	Fall	CULV	17.38		154	0	0		1	0
10/23/2000	2000	Fall	SRT	18.03		1	0	0	6		1
10/23/2000	2000	Fall	CULV	18.5		8	0	0	11	1	0
10/25/2000	2000	Fall	SRT	17.92		30	0	0	0	0	0
10/25/2000	2000	Fall	CULV	17.75		63	0	0	6	1	1
11/1/2000	2000	Fall	SRT			54	1	0	0	2	
11/1/2000	2000	Fall	MID			1	1	0	0	0	0
11/3/2000	2000	Fall	SRT			93	1	0	0	0	0
11/3/2000	2000	Fall	MID			34	0	0	0	0	0
11/3/2000	2000	Fall	CULV			38	0	0	0	0	0
11/13/2000	2000	Fall	SRT			104	3	0	0	0	1
11/13/2000	2000	Fall	MID			0	0	0	0	0	0
11/13/2000	2000	Fall	CULV			0	0	0	0	0	0
11/15/2000	2000	Fall	CULV			5	0	0	0	0	0
11/15/2000	2000	Fall	MID			0	0	0	0	0	0
11/15/2000	2000	Fall	SRT			4	0	0	0	0	0
12/18/2000	2000	Fall	SRT			230	0	0	0	2	0
12/18/2000	2000	Fall	MID			11	0	0	0	2	0
12/18/2000	2000	Fall	CULV			81	0	0	0	0	0
1/18/2001	2001	Winter	SRT			137	0	26	5	6	1
1/24/2001	2001	Winter	SRT			41	0	16	0	0	0
1/25/2001	2001	Winter	SRT			19	0	5	0	0	0

or fish upstream or down?

Total Number of org.	number of species	Average volume in ml					
		Mummich	Killifish	9 spinec	Shrimp	Crab	Eel
131	1	2.52					
193	2	1.97			1.25		
141	2	3.46					NR
154	2	2.42			NR		
76	2	2.91			1.22		
155	2	1.92				NR	
8	3	5			1.33		24
20	3	2.5			1.09	10	
30	1	7					
71	4	4.92			1.67	NR	10
57	3	2.91	9			10	
2	2	2	8				
94	2	1.27	5				
34	1	4.12					
38	1	1.32					
108	3	3.37	8.33				10
0	0						
0	0						
5	1	5					
0	0						
4	1	5					
232	2						
13	2						
81	1	2.22					
175	5	4.16		1.15			5
57	2	2.93		0			
24	2	3.68		2			

Data

Location: Revere

Data Collected By:

Are there more fish upstream or downstream of a tidal restriction? More species upstream or down? Bigger fish upstream or down?

Date	Station	Time Set	Time retrieved	Total Time (Hours)	Air Temp °C	% Cloud Cover	Wind Direct.	Wind Spd (mph)	Water Temp °C	Salinity ppt	D. O. (ppm)	pH	Total Number of org.	Total of each species:						Sample Vol (mL)						
														Mummie	Killifish	9 spinec	Shrimp	Crab	Eel	Mummie	Killifish	9 spinec	Shrimp	Crab	Eel	
9/29/2000	SRT			17.58	22.5	20	W	3						131	0	0	0	0	0	0	330					
9/29/2000	CULV			17.08	22.5	20	W	3						185	0	0	8	0	0		365		10			
10/12/2000	SRT			17.87	19	35			10	30	8	7.7		140	0	0		0	1		485				NR	
10/12/2000	CULV			18.167	19	35			11	25	8	7.7		153	0	0	1	0	0		370		NR			
10/16/2000	SRT			17.2	12.5	100			11.5	17	8	7.5		67	0	0	9	0	0		195		11			
10/16/2000	CULV			17.38	12.5	100			11.5	29	8	7.5		154	0	0		1	0		295			NR		
10/23/2000	SRT			18.03	16	0	SW	2	10	25	8.8	7.6		1	0	0	6		1		5		8		24	
10/23/2000	CULV			18.5	16	0	SW	2	10.5	28	7.4	7.6		8	0	0	11	1	0		20		12	10		
10/25/2000	SRT			17.92	22.5	0	NE	5	14	14	7.8	7.6		30	0	0	0	0	0		210					
10/25/2000	CULV			17.75	22.5	0	NE	5	13.5	28.5	8	7.6		63	0	0	6	1	1		310		10	NR	10	
11/1/2000	SRT	1645	1100		10.4	100	W	10	8.5	10	7.7	7.2		54	1	0	0	2	0		157	9		20		
11/1/2000	MID	1650	1123		10.4	100	W	10	8	8	8.1	7.3		1	1	0	0	0	0		2	8				
11/3/2000	SRT	1720	1038		16.5	30	E	5	11	15	6.5	7.2		93	1	0	0	0	0		118	5				
11/3/2000	MID	1710	1050		16.5	30	E	5	11.5	9	7.3	7.3		34	0	0	0	0	0		140					
11/3/2000	CULV	1705	1103		16.5	30	E	5	11	8	7.4	7.2		38	0	0	0	0	0		50					
11/13/2000	SRT	1555	1108		13	100	SE	2	9	20	7.4	7.5		104	3	0	0	0	1		350	25			10	
11/13/2000	MID	1604	1111		13	100	SE	2	9	17	6	7.5	0	0	0	0	0	0	0							
11/13/2000	CULV	1615	lost trap		13	100	SE	2	9.5	18	7.1	7.6		0	0	0	0	0	0							
11/15/2000	CULV	1420	940		12.5	25	E/NE	15	9	3	7.8	7.2		5	0	0	0	0	0		25					
11/15/2000	MID	1425	950		12.5	25	E/NE	15	9	2	7.8	7.2		0	0	0	0	0	0							
11/15/2000	SRT	1430	1017		12.5	25	E/NE	15	9	4	6.8	7.2		4	0	0	0		0		20					
12/18/2000	SRT		1048		4.5	10	E	30	6	3	8	7.3		230	0	0	0	2	0		NR				NR	
12/18/2000	MID		1055		4.5	10	E	30	5	3	7.8	7.2		11	0	0	0	2	0		NR				NR	
12/18/2000	CULV		1107		4.5	10	E	30	5	2	7.8	<7.2		81	0	0	0	0	0		180					
1/18/2001	SRT	1533	1458		-3.8	35	W	2	2	5	8.6	7.3		137	0	26	5	6	1		570	30	NR	NR	5	
1/24/2001	SRT	1645	1530		4.4	95	W	2	-1	9	8.6	7.5		41	0	16	0	0	0		120	25				
1/25/2001	SRT	1530	1050		12	10	E	1	0.5	12	NR	7.3		19	0	5	0	0	0		70	10				

Average volume in ml

Average Number per hour

Mummik	Killifish	9 spinec	Shrimp	Crab	Eel	Mummik	Killifish	9 spinec	Shrimp	Crab	Eel
2.52						7.45					
1.97			1.25			10.83			0.468		
3.46					NR	7.83					0.055
2.42			NR			8.42			0.055		
2.91			1.22			3.9			0.523		
1.92				NR		8.86				0.058	
5			1.33		24	0.06			0.333		0.055
2.5			1.09	10		0.43			0.595	0.054	
7						1.67					
4.92			1.67	NR	10	3.55			0.338	0.056	0.056
2.91	9			10							
2	8										
1.27	5										
4.12											
1.32											
3.37	8.33				10						
5											
5											
2.22											
4.16		1.15			5						
2.93		1.56									
3.68		2									