



El Carrizal



Fecha	Especies																		Total
	Mojarra Negra (<i>Amphilophus macracanthus</i>)	Mojarra Tilapia (<i>Oreochromis spp.</i>)	Camarón Blanco (<i>Litopenaeus vannamei</i>)	Bagre (Ariidae)	Robalo (<i>Centropomus spp</i>)	Apipal (<i>Machrobranchium spp.</i>)	Zambuco (<i>Dormitator latifrons</i>)	Mojarra Tahuina (<i>Amphilophus trimaculatus</i>)	liseta (<i>Mugil curema</i>)	Pupo (<i>Poecilia spp.</i>)	Lisa (<i>Mugil cephalus</i>)	Vieja (<i>Eleotris picta</i>)	Jaiba (<i>Callinectes spp.</i>)	Ñola (<i>Gobiomorus maculatus</i>)	Zavalote (<i>Chanos chanos</i>)	Macabil (<i>Elops affinis</i>)	Juelita (<i>Centropomus robalito</i>)	Mojarra blanca (<i>Diapterus brevirostris</i>)	
nov-22	30	6	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	24	4	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	
	19	4	2	1	1	0	31	0	0	0	0	0	0	0	0	0	0	0	
	24	6	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	12	1	2	0	0	8	3	1	0	0	0	0	0	0	0	0	0	
Total (No. Individuos)	114	32	8	5	4	10	34	1	0	0	0	0	0	0	0	0	0	0	
dic-22	Especies																		Total
	Mojarra Negra (<i>Amphilophus macracanthus</i>)	Mojarra Tilapia (<i>Oreochromis spp.</i>)	Camarón Blanco (<i>Litopenaeus vannamei</i>)	Bagre (Ariidae)	Robalo (<i>Centropomus spp</i>)	Apipal (<i>Machrobranchium spp.</i>)	Zambuco (<i>Dormitator latifrons</i>)	Mojarra Tahuina (<i>Amphilophus trimaculatus</i>)	liseta (<i>Mugil curema</i>)	Pupo (<i>Poecilia spp.</i>)	Lisa (<i>Mugil cephalus</i>)	Vieja (<i>Eleotris picta</i>)	Jaiba (<i>Callinectes spp.</i>)	Ñola (<i>Gobiomorus maculatus</i>)	Zavalote (<i>Chanos chanos</i>)	Macabil (<i>Elops affinis</i>)	Juelita (<i>Centropomus robalito</i>)	Mojarra blanca (<i>Diapterus brevirostris</i>)	
dic-22	13	23	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	24	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	19	4	2	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	
Total (No. Individuos)	56	31	7	3	3	1	2	0	0	0	0	0	0	0	0	0	0	0	
feb-23	Especies																		Total
	Mojarra Negra (<i>Amphilophus macracanthus</i>)	Mojarra Tilapia (<i>Oreochromis spp.</i>)	Camarón Blanco (<i>Litopenaeus vannamei</i>)	Bagre (Ariidae)	Robalo (<i>Centropomus spp</i>)	Apipal (<i>Machrobranchium spp.</i>)	Zambuco (<i>Dormitator latifrons</i>)	Mojarra Tahuina (<i>Amphilophus trimaculatus</i>)	liseta (<i>Mugil curema</i>)	Pupo (<i>Poecilia spp.</i>)	Lisa (<i>Mugil cephalus</i>)	Vieja (<i>Eleotris picta</i>)	Jaiba (<i>Callinectes spp.</i>)	Ñola (<i>Gobiomorus maculatus</i>)	Zavalote (<i>Chanos chanos</i>)	Macabil (<i>Elops affinis</i>)	Juelita (<i>Centropomus robalito</i>)	Mojarra blanca (<i>Diapterus brevirostris</i>)	
feb-23	0	250	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (No. Individuos)	0	250	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
mar-23	Especies																		Total
	Mojarra Negra (<i>Amphilophus macracanthus</i>)	Mojarra Tilapia (<i>Oreochromis spp.</i>)	Camarón Blanco (<i>Litopenaeus vannamei</i>)	Bagre (Ariidae)	Robalo (<i>Centropomus spp</i>)	Apipal (<i>Machrobranchium spp.</i>)	Zambuco (<i>Dormitator latifrons</i>)	Mojarra Tahuina (<i>Amphilophus trimaculatus</i>)	liseta (<i>Mugil curema</i>)	Pupo (<i>Poecilia spp.</i>)	Lisa (<i>Mugil cephalus</i>)	Vieja (<i>Eleotris picta</i>)	Jaiba (<i>Callinectes spp.</i>)	Ñola	Zavalote (<i>Chanos chanos</i>)	Macabil (<i>Elops affinis</i>)	Juelita (<i>Centropomus robalito</i>)	Mojarra blanca (<i>Diapterus brevirostris</i>)	
	0	7	4	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	
	0	6	6	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	
	0	3	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
	0	4	4	0	0	0	16	0	1	0	2	0	0	0	0	0	0	0	
	0	4	8	0	0	1	17	0	0	0	0	0	0	0	0	0	0	0	
	0	2	17	0	0	0	15	0	1	0	0	0	0	0	0	0	0	0	
	1	0	24	0	0	1	8	0	0	2	1	0	0	0	0	0	0	0	
	0	2	10	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	
	0	1	2	0	0	0	7	0	0	1	0	0	0	0	0	0	0	0	
	1	0	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	
	0	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	2	6	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	
	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total (No. Individuos)	6	38	98	0	0	4	72	0	5	6	4	0	0	0	0	0	0		

Agostaderos de Topón

Fecha	Especies																		Total	
	Camarón Blanco (<i>Litopenaeus vannamei</i>)	Mojarra Negra (<i>Amphilophus macracanthus</i>)	Mojarra Tahuina (<i>Amphilophus trimaculatus</i>)	Robalo (<i>Centropomus spp</i>)	Apipal (<i>Macrobra nchium spp.</i>)	Pijuela (<i>Gobiomorus maculatus</i>)	Zambuco (<i>Dormitator latifrons</i>)	Juelita (<i>Centropomus robalito</i>)	Pico de oro (<i>Gobionellus microdon</i>)	Lisa (<i>Mugil cephalus</i>)	liseta (<i>Mugil curema</i>)	Bagre (<i>Ariidae</i>)	Mojarra blanca (<i>Diapterus brevirostris</i>)	Sardina (<i>Characidae</i>)	Jurel (<i>Caranx caninus</i>)	Macabil (<i>Elops affinis</i>)	Jaiba (<i>Callinectes spp.</i>)	Pupo (<i>Poecilia spp.</i>)		
nov-22	32	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	249
feb-23	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	10	65
abr-23	51	61	0	9	0	5	0	0	0	0	8	0	9	2	0	0	0	0	376	627
ago-23	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	



El Carrizal

Fecha	Variables						
	T (°C)	pH	O2 (mg/L)	% Sat Ox	Salinidad (ups)	Cond. Electrica (µS/cm)	Profundidad (cm)
nov-22	29.13	6.61	2.78	36	0.84	1.672	
	29.22	7.45	3.66	47.5	0.86	1.729	
	30.52	7.03	3.71	50	0.84	1.67	
	30.61	6.99	3.7	49.5	0.85	1.703	
	28.4	6.98	3.19	44.5	1	2.05	
Promedio	29.576	7.012	3.408	45.5	0.878	1.7648	
dic-22	29	6.03	6.52	85.4	1.13	2.2223	
	28.97	5.96	5.61	73.2	1.13	2.221	
	29.74	6.11	6	79.1	1.13	2.23	
	30.53	5.76	11.61	155.7	1.15	2.258	
	29.88	5.46	7.25	96.7	1.16	2.293	
Promedio	29.624	5.864	7.398	98.02	1.14	2.24486	
feb-23	32.4	8.4	16.7	231	0	0	
	33	8.8	12.5	168	0	0	
	31.4	8.8	16.6	225	0	0	
	33.4	8.8	12.6	177.79	0	0	
	34.2	8.8	4.84	70.5	0	0	
Promedio	32.88	8.72	12.648	174.458	0	0	
mar-23	35	8.4	14.06		3	0	
	35.2	8.4	15.1		2	0	
	34.3	8.4	13.8		2	0	
	36.1	8.2	14.3		2	0	
	35.1	8.54	10.2		2	0	
Promedio	35.14	8.388	13.492	0	2.2	0	
jul-23	34	4.47	11.6	173	7	0	
	32	4.08	7.8	111.3	6.2	0	
	33.16	4.08	9.2	134.5	6.27	0	
Promedio	33.05333333	4.21	9.533333333	139.6	6.49	0	
ago-23	33	8.4	6.9	98	6	0	
	32.9	8.4	6.6	94	6	0	
	33.7	8.4	7.5	108	5	0	
	33.8	8.4	7.3	105	5	0	
	34.1	8.4	7.4	107	6	0	
Promedio	33.5	8.4	7.14	102.4	5.6	0	



Agostaderos de Topón

Fecha	Variables						
	T(°C)	pH	O2 (mg/L)	% Sat Ox	Salinidad (ups)	Cond. Eléctrica (µS/cm)	Profundidad (cm)
dic-22	27.9	7.24	0.51	6.9	12.62	21.13	
	29.3	9.46	1.31	17.9	12.75	19.3	
	28.76	9.92	1.21	14.9	13.28	22.19	
	28.5	10.23	2.02	27.1	33.35	22.29	
	28.5	9.72	2.27	31.5	13.45	22.43	
	29.25	9.4	2.82	39.7	13.57	22.63	
	29.41	8.7	2.78	31.2	13.24	22.13	
	29.49	7.11	2.99	42.5	13.27	22.18	
	30.43	9.06	3.2	45.9	13.59	22.6	
	30.79	8.5	2.92	42.2	13.47	22.5	
30.65	8.6	4.03	57.9	13.26	22.2		
Promedio	29.361818	8.9036363	2.369090909	32.5181818	15.07727273	21.96181818	
feb-23	27.7	8.2	3.49	60.8	32		
	27.6	8.2	3.72	57.9	26		
	27.8	8	2.2	32.5	32		
	27.9	7.4	2.24	33.8	30		
	28.4	7.6	5.91	90.9	32		
	30.4	8.2	5.53	83.4	25		
	29.5	7.4	4.3	66.9	30		
	30.1	7.4	3.92	58.9	22		
	30.4	8.2	9.35	140	25		
	30.1	8.2	5.95	95.2	34		
28.8	7.6	3.68	53.9	22			
Promedio	28.972727	7.8545454	4.571818182	70.3818181	28.1818181	0	
jun-23	27.7	8.2	3.99	60.8	32		
	27.6	8.2	3.72	57.9	26		
	27.8	8	2.2	32.5	32		
	27.9	7.4	2.24	33.8	30		
	28.4	7.6	5.91	90.9	32		
	30.4	8.2	5.53	83.4	25		
	29.5	7.4	4.3	66.9	30		
	30.1	7.4	3.92	58.9	22		
	30.4	8.2	9.35	140	25		
	30.1	8.2	5.95	95.2	34		
Promedio	28.99	7.88	4.711	72.03	28.8		
ago-23	31.3	7.4	1.8	27	23		
	31.9	7.4	0.7	11	21		
	31.5	7.4	1	15	21		
	31.4	7.4	1.1	17	21		
	31.6	7.4	2.4	36	20		
	32.4	7.4	2	31	21		
	30.4	7.4	1.1	17	19		
	30.4	7.4	1.4	21	20		
	32.8	7.4	3.1	48	23		
	32	7.4	3	45	23		
Promedio	31.57	7.4	1.76	26.8	21.2	0	0
nov-23	29	6.8	2.18	31.2	6.87		
	30.5	6.8	3.8	54.5	6.55		
	30.5	6.24	2.8	59	6.53		
	30.1	5.59	2.83	5.43	6.47		
	30.1	6	6.2	3.8	8.63		
	29.65	6.03	7.89	3.8	0.26		
	29.13	5.74	6.4	91	6.01		
	32.37	6.04	6.4	90	6.01		
Promedio	30.16875	6.155	4.8125	42.34125	5.91625	0	0