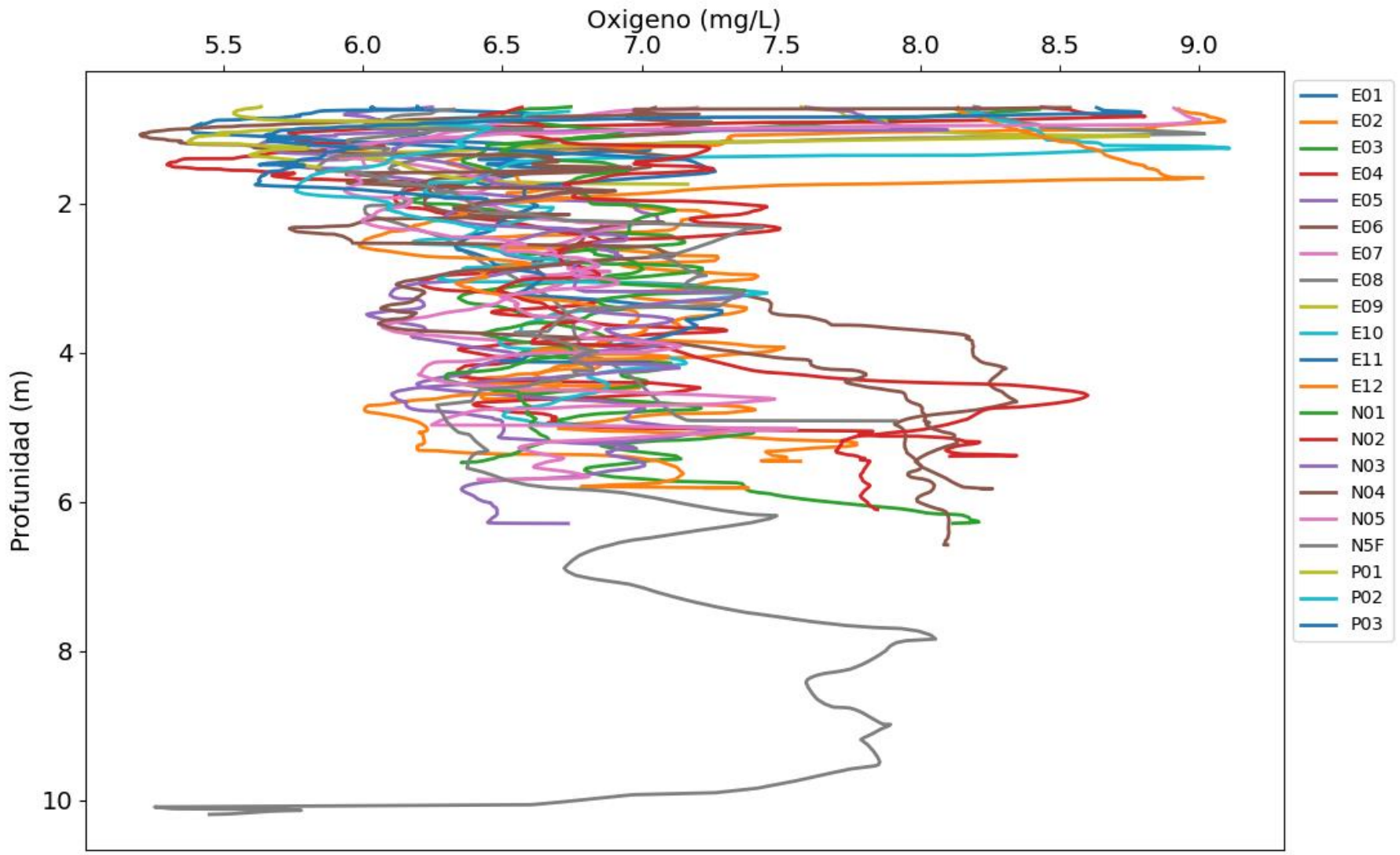
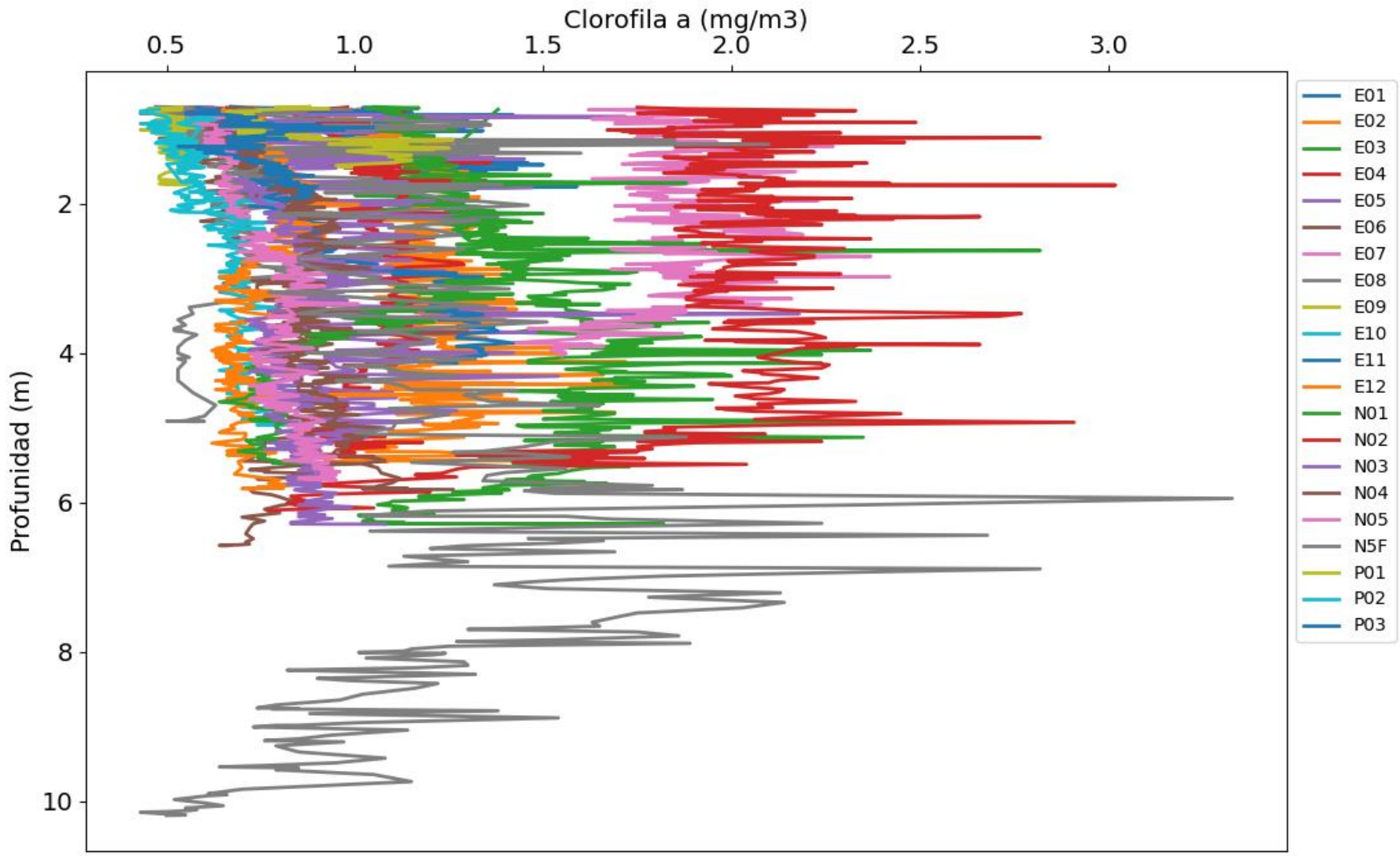
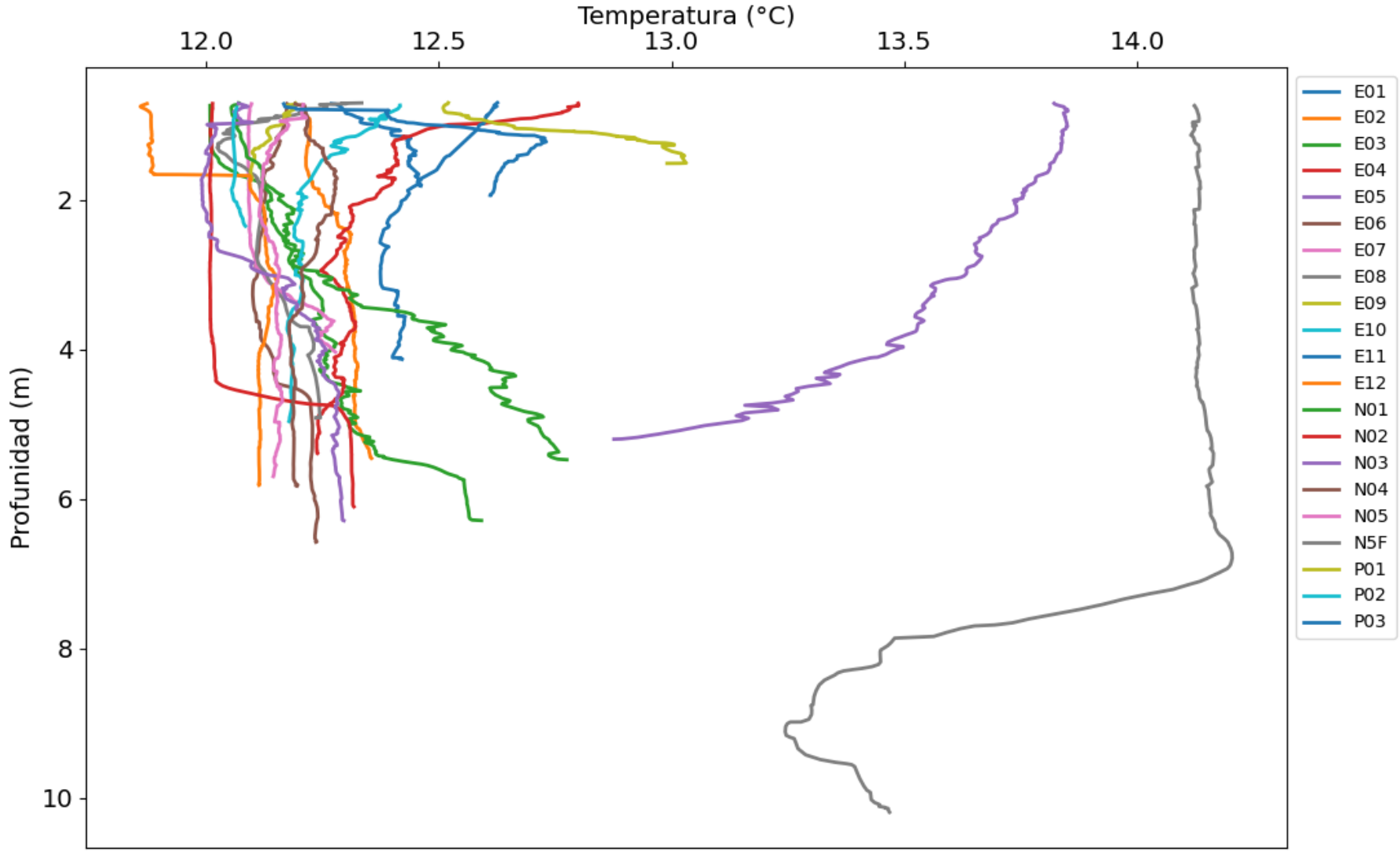
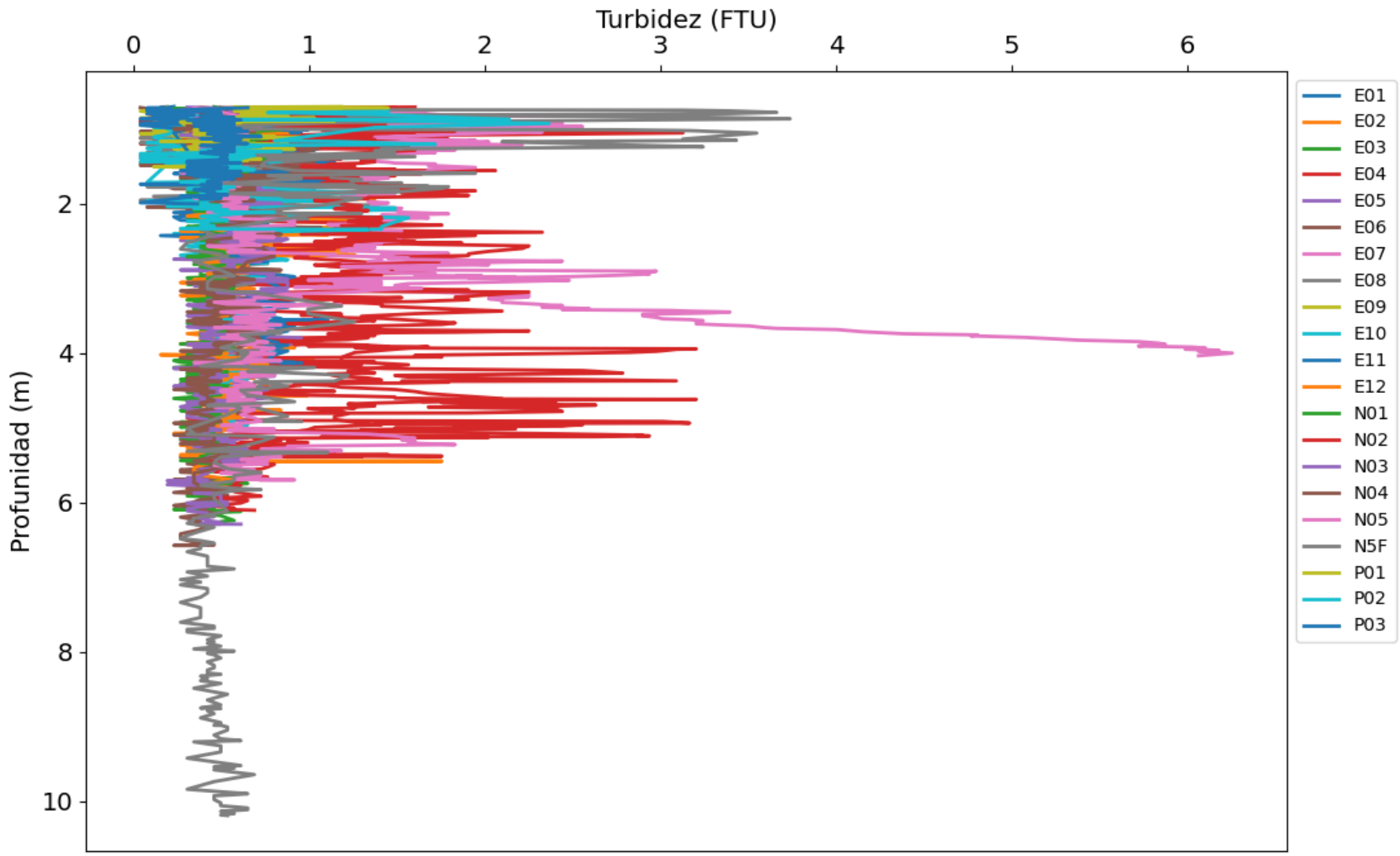
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20240116**

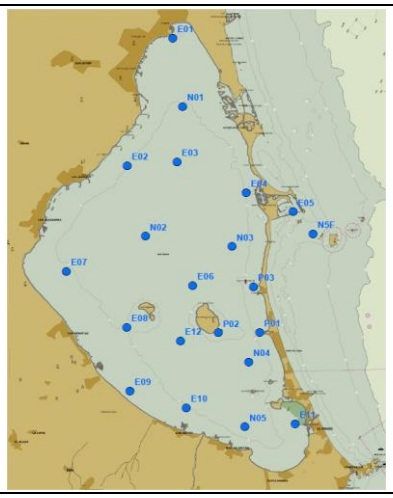


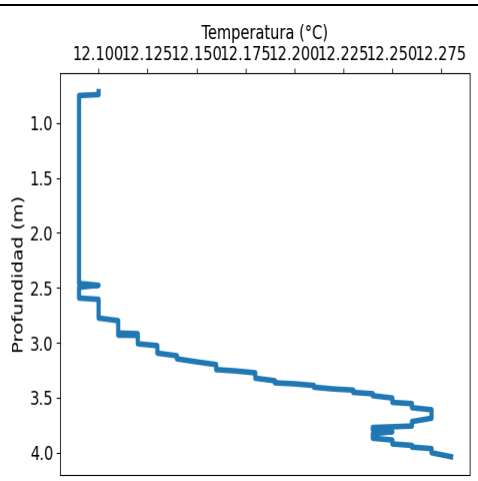

Clorofila a (mg/m3)
0.5
1.0
1.5
2.0
2.5
3.0
Profunidad (m)
2
4
6
8
10
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

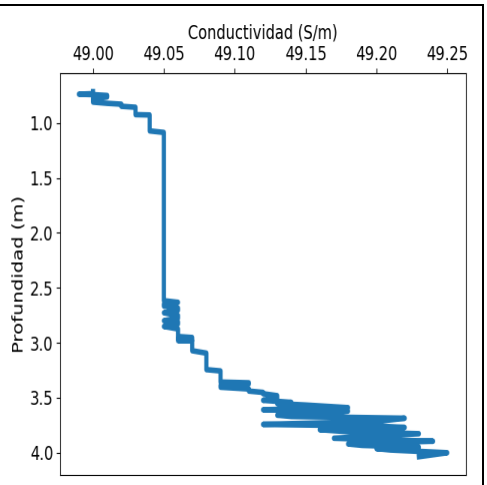

Temperatura (°C)
12.0
12.5
13.0
13.5
14.0
Profunidad (m)
2
4
6
8
10
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

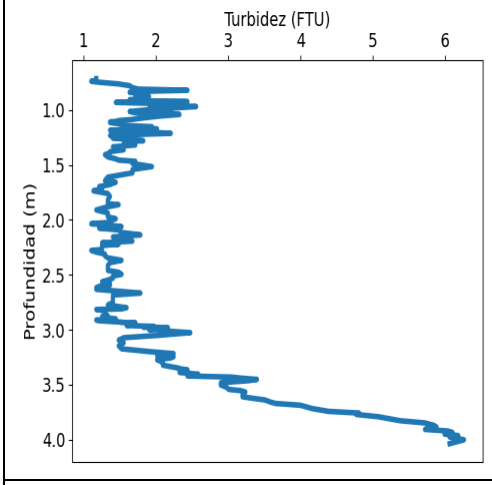

Turbidez (FTU)
0
1
2
3
4
5
6
Profunidad (m)
2
4
6
8
10
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

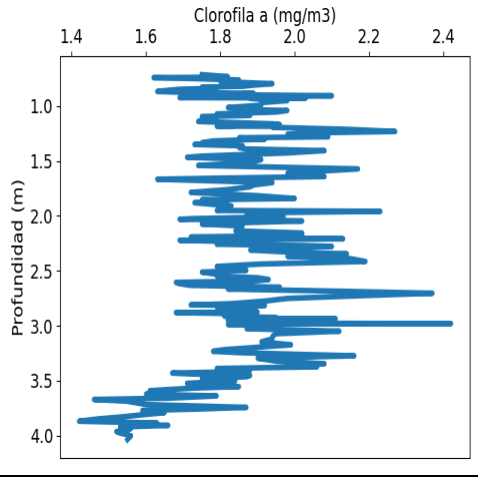
Nombre: CTD E07 - Punto 001 **Fecha: 16/01/2024** **Hora: 08:01:26**

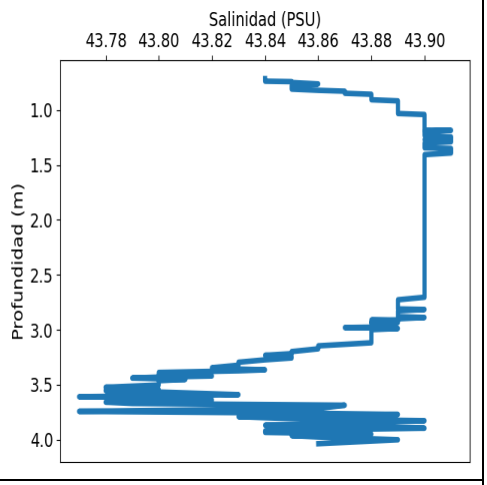


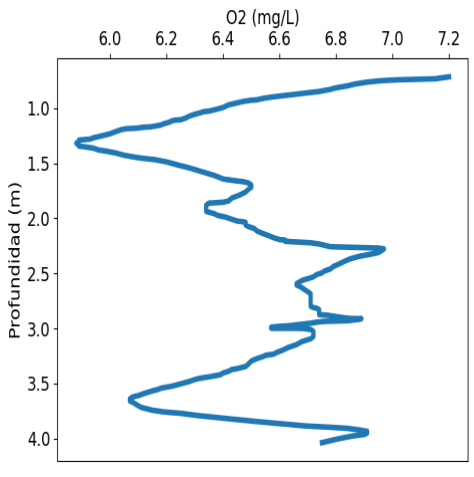


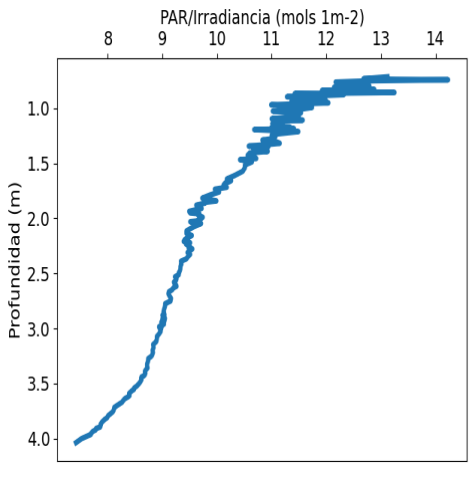












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.09	48.99	1.11	5.88	7.42	1.42	43.77
PROF (metros)	0.751	0.739	0.739	1.319	4.036	3.868	3.609
MÁXIMO	12.28	12.28	6.26	7.2	14.23	2.42	43.91
PROF (metros)	4.036	4.0	4.0	0.716	0.743	2.98	1.186

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.09	49.02	1.72	6.72	12.25	1.82	43.87
1 - 2m	12.09	49.05	1.55	6.21	10.64	1.88	43.9
2 - 3m	12.1	49.06	1.45	6.71	9.24	1.9	43.89
3 - 4m	12.22	49.14	3.45	6.45	8.43	1.77	43.84
4 - 5m	12.27	49.24	6.16	6.78	7.47	1.56	43.88

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.716	12.1	49.0	1.18	7.2	13.12	1.75	43.84
0.734	12.1	49.0	1.18	7.15	12.68	1.82	43.84
0.739	12.1	48.99	1.11	7.08	13.27	1.8	43.84
0.743	12.1	49.0	1.14	7.02	14.23	1.62	43.85
0.751	12.09	49.01	1.26	6.96	12.88	1.72	43.85
0.764	12.09	49.01	1.49	6.91	12.17	1.85	43.86
0.78	12.09	49.0	1.64	6.87	12.72	1.8	43.85
0.798	12.09	49.0	1.68	6.84	12.79	1.94	43.85
0.811	12.09	49.0	1.76	6.81	12.14	1.89	43.85
0.822	12.09	49.01	2.44	6.79	12.44	1.86	43.86
0.83	12.09	49.02	1.91	6.78	12.88	1.75	43.87
0.84	12.09	49.02	1.64	6.76	11.92	1.79	43.87
0.849	12.09	49.02	1.76	6.74	12.19	1.69	43.87
0.858	12.09	49.03	1.83	6.71	13.25	1.66	43.88
0.869	12.09	49.03	1.72	6.67	11.42	1.63	43.88
0.878	12.09	49.03	1.91	6.64	12.32	1.71	43.88
0.887	12.09	49.03	1.76	6.61	11.88	1.89	43.88
0.897	12.09	49.03	1.83	6.58	11.28	1.78	43.88
0.908	12.09	49.03	1.64	6.55	11.96	2.1	43.88
0.918	12.09	49.03	1.76	6.53	11.92	1.74	43.89
0.925	12.09	49.03	2.44	6.52	11.56	1.69	43.89
0.928	12.09	49.04	1.6	6.5	11.99	2.03	43.89
0.932	12.09	49.04	1.45	6.49	11.63	1.88	43.89
0.94	12.09	49.04	1.91	6.47	11.36	1.91	43.89
0.952	12.09	49.04	1.91	6.45	12.04	1.98	43.89
0.97	12.09	49.04	2.56	6.42	10.99	1.91	43.89
0.994	12.09	49.04	1.98	6.4	11.74	1.91	43.89
1.015	12.09	49.04	1.64	6.37	11.46	1.82	43.89
1.027	12.09	49.04	1.72	6.35	11.02	1.86	43.89
1.033	12.09	49.04	2.21	6.33	11.17	1.86	43.89
1.042	12.09	49.04	2.33	6.32	11.54	1.98	43.9
1.056	12.09	49.04	2.06	6.3	11.41	1.95	43.9
1.073	12.09	49.04	1.83	6.28	11.5	1.79	43.9
1.087	12.09	49.05	1.68	6.27	11.22	1.88	43.9
1.097	12.09	49.05	1.49	6.26	11.0	1.75	43.9
1.105	12.09	49.05	1.45	6.25	11.2	1.75	43.9
1.109	12.09	49.05	1.37	6.23	11.57	1.75	43.9

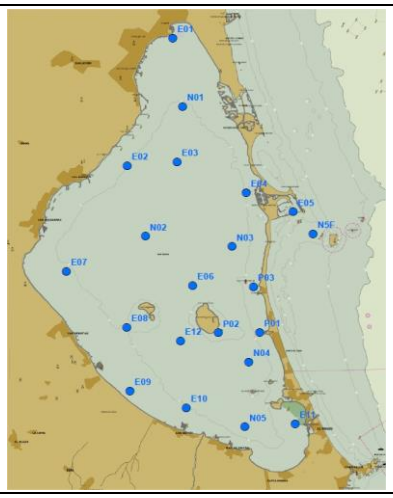
1.115	12.09	49.05	1.37	6.22	11.22	1.77	43.9
1.127	12.09	49.05	1.49	6.21	11.21	1.79	43.9
1.142	12.09	49.05	1.56	6.19	11.01	1.74	43.9
1.153	12.09	49.05	1.95	6.18	11.16	1.84	43.9
1.163	12.09	49.05	1.91	6.16	11.14	1.94	43.9
1.171	12.09	49.05	1.95	6.14	11.32	1.96	43.9
1.173	12.09	49.05	2.02	6.12	11.34	1.83	43.9
1.18	12.09	49.05	1.98	6.1	10.99	1.84	43.9
1.184	12.09	49.05	1.37	6.08	11.12	1.79	43.9
1.186	12.09	49.05	1.49	6.06	11.41	1.96	43.91
1.195	12.09	49.05	1.64	6.04	10.68	1.94	43.9
1.213	12.09	49.05	2.21	6.02	11.49	2.14	43.9
1.233	12.09	49.05	1.37	6.0	11.12	2.27	43.9
1.246	12.09	49.05	1.45	5.98	11.0	2.03	43.91
1.258	12.09	49.05	1.41	5.96	11.07	1.98	43.91
1.27	12.09	49.05	1.68	5.94	11.03	2.07	43.9
1.281	12.09	49.05	1.83	5.93	10.96	2.09	43.91
1.29	12.09	49.05	1.56	5.89	10.83	1.85	43.91
1.302	12.09	49.05	1.64	5.89	11.07	1.92	43.9
1.319	12.09	49.05	1.72	5.88	11.15	1.78	43.9
1.336	12.09	49.05	1.41	5.89	10.8	1.75	43.9
1.345	12.09	49.05	1.45	5.89	10.58	1.8	43.9
1.351	12.09	49.05	1.53	5.91	10.94	1.73	43.91
1.363	12.09	49.05	1.56	5.94	10.66	1.86	43.91
1.38	12.09	49.05	1.37	5.96	10.68	1.85	43.91
1.392	12.09	49.05	1.37	5.99	10.93	1.87	43.91
1.407	12.09	49.05	1.3	6.02	10.6	2.08	43.9
1.428	12.09	49.05	1.34	6.05	10.56	1.98	43.9
1.446	12.09	49.05	1.45	6.09	10.69	1.84	43.9
1.457	12.09	49.05	1.49	6.12	10.72	1.75	43.9
1.468	12.09	49.05	1.72	6.16	10.42	1.71	43.9
1.488	12.09	49.05	1.68	6.2	10.64	1.91	43.9
1.516	12.09	49.05	1.95	6.24	10.51	1.88	43.9
1.542	12.09	49.05	1.68	6.28	10.51	1.74	43.9
1.573	12.09	49.05	1.68	6.32	10.47	2.17	43.9
1.612	12.09	49.05	1.34	6.37	10.32	1.98	43.9
1.643	12.09	49.05	1.3	6.4	10.18	2.08	43.9
1.658	12.09	49.05	1.45	6.44	10.26	1.78	43.9
1.667	12.09	49.05	1.41	6.47	10.23	1.63	43.9
1.679	12.09	49.05	1.37	6.49	10.15	1.75	43.9
1.698	12.09	49.05	1.22	6.5	10.12	1.94	43.9
1.718	12.09	49.05	1.26	6.5	10.18	1.89	43.9
1.736	12.09	49.05	1.14	6.49	9.96	1.88	43.9
1.761	12.09	49.05	1.34	6.48	10.04	1.82	43.9
1.787	12.09	49.05	1.37	6.46	9.88	1.72	43.9
1.817	12.09	49.05	1.34	6.43	9.73	1.9	43.9
1.842	12.09	49.05	1.34	6.42	9.99	2.0	43.9
1.854	12.09	49.05	1.34	6.4	9.79	1.75	43.9
1.861	12.09	49.05	1.49	6.36	9.77	1.79	43.9
1.862	12.09	49.05	1.49	6.35	9.78	1.82	43.9
1.881	12.09	49.05	1.34	6.34	9.62	1.73	43.9
1.91	12.09	49.05	1.18	6.34	9.72	1.83	43.9
1.937	12.09	49.05	1.34	6.34	9.49	1.81	43.9
1.951	12.09	49.05	1.34	6.36	9.51	1.79	43.9
1.959	12.09	49.05	1.34	6.37	9.68	2.23	43.9
1.973	12.09	49.05	1.34	6.38	9.66	1.88	43.9
1.99	12.09	49.05	1.45	6.41	9.74	1.87	43.9
2.008	12.09	49.05	1.37	6.43	9.7	1.97	43.9

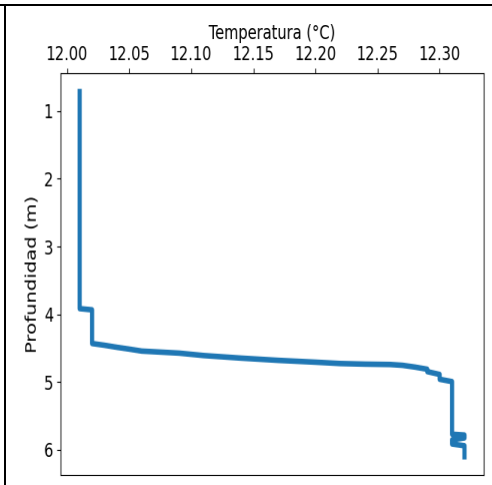
2.025	12.09	49.05	1.34	6.45	9.62	1.73	43.9
2.031	12.09	49.05	1.18	6.47	9.51	1.69	43.9
2.036	12.09	49.05	1.11	6.48	9.58	1.88	43.9
2.047	12.09	49.05	1.34	6.48	9.71	2.02	43.9
2.062	12.09	49.05	1.53	6.48	9.64	1.86	43.9
2.075	12.09	49.05	1.22	6.49	9.58	1.75	43.9
2.092	12.09	49.05	1.49	6.51	9.52	1.86	43.9
2.115	12.09	49.05	1.53	6.52	9.44	1.85	43.9
2.137	12.09	49.05	1.79	6.54	9.44	1.84	43.9
2.156	12.09	49.05	1.41	6.56	9.54	2.02	43.9
2.177	12.09	49.05	1.6	6.58	9.46	2.02	43.9
2.193	12.09	49.05	1.68	6.6	9.41	1.72	43.9
2.198	12.09	49.05	1.56	6.62	9.47	1.87	43.9
2.209	12.09	49.05	1.26	6.62	9.39	2.13	43.9
2.222	12.09	49.05	1.49	6.71	9.51	1.69	43.9
2.233	12.09	49.05	1.26	6.74	9.43	1.82	43.9
2.258	12.09	49.05	1.26	6.78	9.51	1.79	43.9
2.27	12.09	49.05	1.26	6.95	9.48	2.02	43.9
2.278	12.09	49.05	1.11	6.97	9.55	2.1	43.9
2.294	12.09	49.05	1.18	6.96	9.5	1.95	43.9
2.311	12.09	49.05	1.3	6.95	9.46	1.88	43.9
2.327	12.09	49.05	1.3	6.92	9.51	1.97	43.9
2.346	12.09	49.05	1.34	6.88	9.47	2.14	43.9
2.368	12.09	49.05	1.53	6.85	9.44	1.98	43.9
2.39	12.09	49.05	1.37	6.83	9.34	2.15	43.9
2.415	12.09	49.05	1.34	6.81	9.35	2.19	43.9
2.438	12.09	49.05	1.34	6.79	9.33	1.91	43.9
2.46	12.09	49.05	1.34	6.78	9.33	1.79	43.9
2.477	12.1	49.05	1.49	6.76	9.32	1.8	43.9
2.495	12.09	49.05	1.53	6.75	9.3	1.87	43.9
2.512	12.09	49.05	1.41	6.73	9.3	1.75	43.9
2.531	12.09	49.05	1.41	6.72	9.23	1.79	43.9
2.548	12.09	49.05	1.34	6.7	9.26	1.79	43.9
2.563	12.09	49.05	1.26	6.68	9.25	1.9	43.9
2.579	12.09	49.05	1.37	6.67	9.21	1.93	43.9
2.593	12.09	49.05	1.37	6.66	9.22	1.89	43.9
2.605	12.1	49.05	1.22	6.66	9.25	1.68	43.9
2.617	12.1	49.05	1.18	6.67	9.26	1.69	43.9
2.632	12.1	49.06	1.18	6.68	9.2	1.72	43.9
2.649	12.1	49.05	1.49	6.69	9.18	1.96	43.9
2.666	12.1	49.05	1.79	6.7	9.12	1.82	43.9
2.684	12.1	49.06	1.41	6.71	9.11	2.1	43.9
2.704	12.1	49.06	1.41	6.71	9.13	2.37	43.9
2.727	12.1	49.05	1.41	6.71	9.16	2.17	43.89
2.751	12.1	49.06	1.41	6.71	9.15	1.98	43.89
2.775	12.1	49.06	1.34	6.71	9.05	1.92	43.89
2.799	12.11	49.05	1.6	6.71	9.05	1.83	43.89
2.81	12.11	49.06	1.53	6.72	9.04	1.72	43.89
2.815	12.11	49.06	1.18	6.73	9.04	1.92	43.9
2.828	12.11	49.06	1.3	6.74	9.03	1.79	43.89
2.851	12.11	49.05	1.3	6.74	9.02	1.83	43.89
2.874	12.11	49.06	1.34	6.74	9.04	1.9	43.89
2.88	12.11	49.06	1.26	6.77	9.0	1.68	43.89
2.888	12.11	49.06	1.26	6.79	9.01	1.82	43.9
2.9	12.11	49.06	1.45	6.82	9.04	1.85	43.89
2.909	12.11	49.06	1.45	6.85	9.05	1.82	43.89
2.91	12.11	49.06	1.34	6.89	9.0	1.85	43.89
2.911	12.11	49.06	1.18	6.89	9.0	1.81	43.88

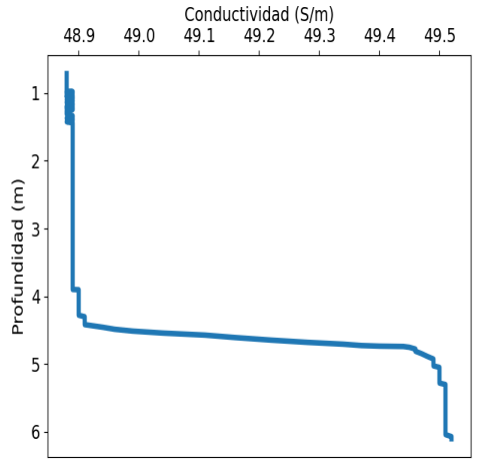
2.917	12.12	49.06	1.22	6.88	9.0	1.84	43.89
2.924	12.12	49.06	1.37	6.86	9.0	1.95	43.89
2.93	12.11	49.06	1.53	6.84	9.04	1.92	43.88
2.933	12.12	49.06	1.53	6.78	9.02	1.82	43.89
2.935	12.12	49.06	1.72	6.76	9.01	2.11	43.88
2.943	12.12	49.06	1.64	6.73	8.98	1.92	43.88
2.952	12.12	49.07	1.68	6.71	8.98	1.82	43.88
2.961	12.12	49.06	1.6	6.68	9.03	1.89	43.88
2.969	12.12	49.07	1.98	6.65	8.99	2.04	43.88
2.976	12.12	49.07	1.83	6.63	8.99	1.9	43.88
2.98	12.12	49.06	2.17	6.6	8.99	2.42	43.87
2.983	12.12	49.07	1.95	6.59	8.94	1.94	43.88
2.988	12.12	49.07	2.02	6.57	8.94	1.82	43.89
2.998	12.12	49.07	1.91	6.57	8.98	1.94	43.88
2.999	12.12	49.07	2.14	6.68	8.97	1.9	43.88
3.009	12.12	49.07	2.1	6.71	8.96	1.96	43.88
3.026	12.13	49.07	2.48	6.72	8.97	1.87	43.88
3.049	12.13	49.07	2.06	6.72	8.94	2.12	43.88
3.072	12.13	49.07	1.56	6.72	8.9	1.95	43.88
3.094	12.13	49.08	1.49	6.71	8.9	1.94	43.88
3.118	12.14	49.08	1.56	6.68	8.89	1.94	43.88
3.146	12.14	49.08	1.49	6.66	8.83	1.91	43.86
3.173	12.15	49.08	1.53	6.63	8.84	1.99	43.86
3.198	12.16	49.08	1.91	6.61	8.82	1.89	43.85
3.217	12.16	49.08	2.25	6.59	8.83	1.81	43.85
3.232	12.16	49.08	2.02	6.58	8.82	1.78	43.84
3.244	12.16	49.08	2.25	6.55	8.81	1.85	43.85
3.256	12.17	49.09	2.21	6.54	8.79	1.97	43.85
3.273	12.18	49.09	2.02	6.52	8.74	2.16	43.84
3.295	12.18	49.09	2.1	6.5	8.74	1.9	43.83
3.322	12.18	49.09	2.1	6.49	8.72	1.95	43.83
3.345	12.19	49.09	2.29	6.48	8.72	2.08	43.82
3.357	12.19	49.09	2.36	6.46	8.73	2.03	43.83
3.364	12.19	49.11	2.44	6.45	8.72	1.98	43.84
3.373	12.2	49.11	2.33	6.43	8.7	2.06	43.83
3.388	12.21	49.09	2.33	6.42	8.68	1.79	43.8
3.404	12.21	49.09	2.59	6.4	8.69	1.88	43.8
3.42	12.22	49.11	2.44	6.39	8.68	1.81	43.82
3.43	12.23	49.11	3.05	6.37	8.66	1.67	43.8
3.439	12.23	49.11	3.17	6.35	8.62	1.73	43.79
3.451	12.23	49.12	3.4	6.32	8.61	1.88	43.81
3.463	12.24	49.12	3.28	6.3	8.62	1.87	43.8
3.481	12.24	49.13	2.9	6.28	8.6	1.75	43.8
3.502	12.25	49.13	2.9	6.25	8.57	1.84	43.8
3.523	12.25	49.12	2.98	6.22	8.53	1.71	43.78
3.542	12.25	49.14	3.01	6.18	8.48	1.72	43.8
3.553	12.26	49.13	3.17	6.17	8.48	1.85	43.78
3.566	12.26	49.15	3.24	6.15	8.44	1.73	43.8
3.59	12.26	49.18	3.2	6.12	8.39	1.61	43.83
3.609	12.27	49.12	3.2	6.1	8.4	1.65	43.77
3.621	12.27	49.18	3.32	6.08	8.37	1.6	43.81
3.638	12.27	49.17	3.51	6.07	8.31	1.79	43.82
3.658	12.27	49.13	3.59	6.07	8.28	1.66	43.78
3.67	12.27	49.14	3.66	6.08	8.26	1.46	43.79
3.686	12.27	49.22	4.0	6.09	8.21	1.55	43.87
3.716	12.26	49.2	4.16	6.11	8.12	1.6	43.86
3.742	12.26	49.12	4.39	6.15	8.11	1.87	43.77
3.757	12.26	49.2	4.81	6.19	8.09	1.74	43.85

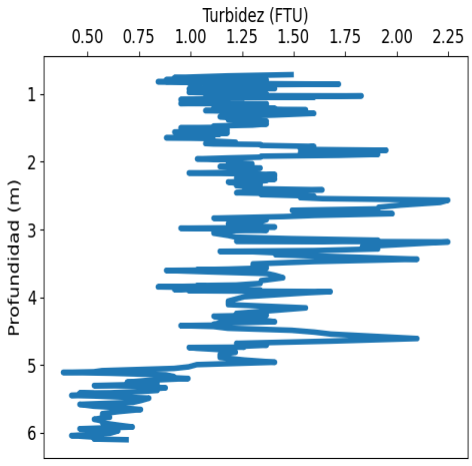
3.77	12.24	49.22	4.77	6.25	8.06	1.59	43.89
3.79	12.24	49.16	5.07	6.31	8.01	1.65	43.83
3.809	12.25	49.18	5.23	6.38	7.99	1.59	43.85
3.827	12.24	49.23	5.38	6.45	7.94	1.54	43.9
3.847	12.24	49.2	5.72	6.53	7.9	1.47	43.88
3.868	12.24	49.17	5.84	6.62	7.87	1.42	43.84
3.884	12.25	49.21	5.88	6.69	7.87	1.63	43.88
3.895	12.25	49.24	5.76	6.77	7.86	1.56	43.9
3.906	12.25	49.21	5.72	6.84	7.79	1.66	43.87
3.92	12.25	49.18	6.03	6.88	7.78	1.53	43.84
3.933	12.26	49.19	6.1	6.91	7.73	1.56	43.84
3.949	12.26	49.23	5.99	6.91	7.7	1.55	43.88
3.962	12.27	49.2	6.18	6.9	7.69	1.52	43.85
3.975	12.27	49.21	6.06	6.86	7.63	1.53	43.86
4.0	12.27	49.25	6.26	6.81	7.52	1.56	43.89
4.036	12.28	49.23	6.06	6.75	7.42	1.55	43.86

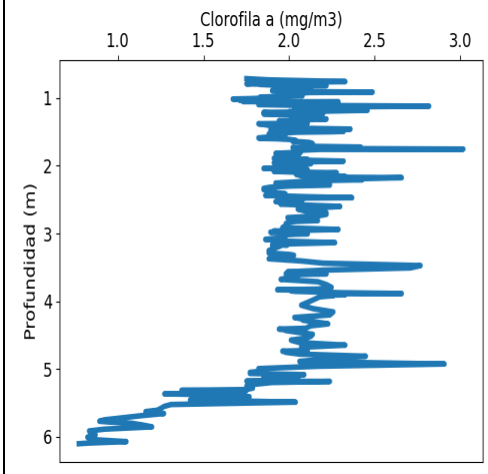
Nombre: CTD N02 - Punto 002 **Fecha: 16/01/2024** **Hora: 08:01:47**

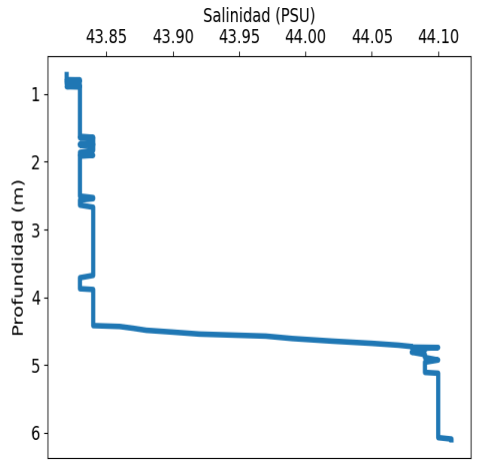


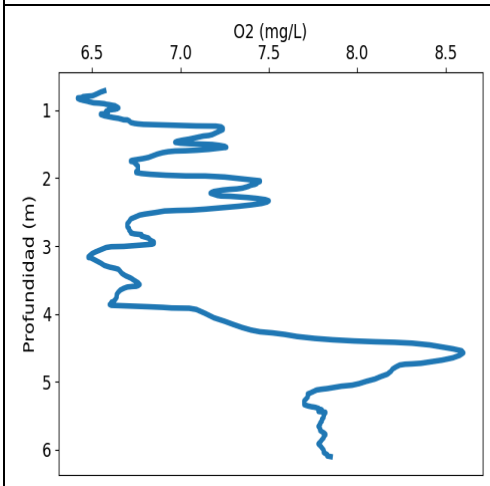


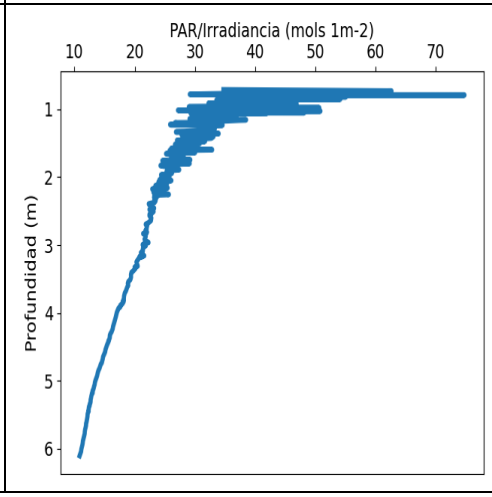












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.01	48.88	0.38	6.42	10.86	0.77	43.82
PROF (metros)	0.713	0.713	5.11	0.817	6.104	6.104	0.713
MÁXIMO	12.32	12.32	2.25	8.6	74.8	3.02	44.11
PROF (metros)	5.784	6.073	2.566	4.574	0.79	1.753	6.094

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.01	48.88	1.15	6.53	41.2	1.97	43.83
1 - 2m	12.01	48.89	1.25	6.88	30.13	2.03	43.83
2 - 3m	12.01	48.89	1.39	7.09	23.14	2.08	43.83
3 - 4m	12.01	48.89	1.33	6.68	19.21	2.11	43.84
4 - 5m	12.12	49.13	1.3	8.05	15.2	2.12	43.95
5 - 6m	12.31	49.51	0.68	7.79	12.36	1.5	44.1
6 - 7m	12.32	49.52	0.56	7.83	10.99	0.86	44.1

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m con los valores 2.03, 2.08, 2.11, 2.12 respectivamente

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	12.01	48.88	1.49	6.57	34.75	1.75	43.82
0.731	12.01	48.88	1.18	6.55	62.68	1.88	43.82
0.756	12.01	48.88	0.92	6.53	43.77	2.33	43.82
0.779	12.01	48.88	1.14	6.51	29.16	1.78	43.82
0.787	12.01	48.88	0.88	6.5	37.07	1.77	43.82
0.79	12.01	48.88	1.07	6.48	74.8	1.75	43.83
0.793	12.01	48.88	1.37	6.47	34.39	1.82	43.82
0.799	12.01	48.88	1.11	6.45	43.87	1.83	43.82
0.814	12.01	48.88	0.88	6.44	44.21	1.96	43.82
0.816	12.01	48.88	0.99	6.43	55.11	2.22	43.83
0.817	12.01	48.88	0.84	6.42	37.82	2.03	43.83
0.825	12.01	48.88	1.07	6.42	42.63	1.94	43.82
0.839	12.01	48.88	0.99	6.43	37.16	2.0	43.82
0.853	12.01	48.88	1.72	6.45	54.14	1.99	43.82
0.864	12.01	48.88	1.26	6.47	33.58	2.13	43.83
0.878	12.01	48.88	1.07	6.49	37.11	1.99	43.83
0.89	12.01	48.88	1.14	6.51	39.75	1.9	43.82
0.895	12.01	48.88	1.18	6.54	41.48	1.94	43.83
0.903	12.01	48.88	1.22	6.57	41.07	1.93	43.83
0.911	12.01	48.88	1.22	6.58	32.26	2.49	43.83
0.918	12.01	48.88	1.41	6.6	46.91	2.12	43.83
0.924	12.01	48.88	0.99	6.61	40.69	2.08	43.83
0.933	12.01	48.88	1.18	6.63	34.89	2.04	43.83
0.949	12.01	48.88	1.34	6.64	39.06	2.01	43.83
0.965	12.01	48.88	1.18	6.65	29.0	2.08	43.83
0.973	12.01	48.88	0.99	6.64	37.93	1.98	43.83
0.978	12.01	48.89	1.03	6.64	50.68	1.91	43.83
0.985	12.01	48.88	1.14	6.63	29.78	1.83	43.83
0.991	12.01	48.88	1.26	6.61	30.08	1.85	43.83
0.999	12.01	48.89	1.37	6.59	40.08	1.85	43.83
1.007	12.01	48.88	1.07	6.59	41.37	1.79	43.83
1.014	12.01	48.88	1.14	6.58	27.19	1.67	43.83
1.023	12.01	48.88	1.18	6.58	36.29	1.72	43.83

1.026	12.01	48.88	1.83	6.59	50.86	1.8	43.83
1.03	12.01	48.88	1.68	6.59	42.04	1.71	43.83
1.039	12.01	48.89	1.26	6.58	30.19	1.8	43.83
1.047	12.01	48.88	1.6	6.58	34.77	1.84	43.83
1.051	12.01	48.88	1.18	6.57	48.16	1.73	43.83
1.053	12.01	48.89	1.26	6.56	29.26	1.83	43.83
1.054	12.01	48.88	1.14	6.55	30.46	2.19	43.83
1.055	12.01	48.88	1.14	6.55	42.01	2.29	43.83
1.062	12.01	48.89	1.18	6.55	35.08	1.93	43.83
1.081	12.01	48.89	0.95	6.57	29.9	1.88	43.83
1.096	12.01	48.88	1.18	6.6	36.97	1.82	43.83
1.107	12.01	48.89	1.03	6.62	33.7	2.05	43.83
1.119	12.01	48.89	1.18	6.65	33.83	2.82	43.83
1.132	12.01	48.88	1.11	6.67	31.93	2.18	43.83
1.14	12.01	48.88	0.95	6.68	29.12	2.13	43.83
1.142	12.01	48.88	1.37	6.7	30.9	2.04	43.83
1.155	12.01	48.89	1.37	6.71	38.52	2.03	43.83
1.18	12.01	48.89	1.34	6.72	32.77	2.46	43.83
1.193	12.01	48.88	1.34	6.74	33.93	2.21	43.83
1.2	12.01	48.89	1.11	6.76	26.69	2.0	43.83
1.207	12.01	48.88	1.3	6.79	27.15	2.02	43.83
1.211	12.01	48.88	1.41	6.84	28.98	1.85	43.83
1.217	12.01	48.89	1.18	6.91	33.58	1.87	43.83
1.224	12.01	48.89	1.37	6.99	25.88	1.9	43.83
1.23	12.01	48.88	1.45	7.09	26.04	2.2	43.83
1.232	12.01	48.88	1.56	7.15	33.47	2.14	43.83
1.233	12.01	48.89	1.26	7.2	34.61	1.85	43.83
1.244	12.01	48.89	1.07	7.23	30.85	2.04	43.83
1.262	12.01	48.88	1.3	7.24	32.36	2.01	43.83
1.285	12.01	48.88	1.6	7.24	33.33	2.03	43.83
1.309	12.01	48.88	1.41	7.22	31.26	2.22	43.83
1.334	12.01	48.89	1.14	7.2	26.85	1.94	43.83
1.358	12.01	48.89	1.22	7.18	33.96	1.98	43.83
1.371	12.01	48.88	1.18	7.16	29.35	2.11	43.83
1.379	12.01	48.89	1.18	7.13	27.81	1.82	43.83
1.401	12.01	48.89	1.37	7.09	33.1	1.88	43.83
1.424	12.01	48.88	1.3	7.05	32.75	1.92	43.83
1.441	12.01	48.89	1.37	7.01	30.1	1.97	43.83
1.458	12.01	48.89	1.3	6.98	27.03	2.36	43.83
1.471	12.01	48.89	1.11	6.97	31.69	1.89	43.83
1.484	12.01	48.89	1.11	7.0	30.54	1.92	43.83
1.492	12.01	48.89	1.11	7.05	27.24	2.32	43.83
1.498	12.01	48.89	0.95	7.12	29.2	2.24	43.83
1.504	12.01	48.89	1.11	7.18	30.82	2.04	43.83
1.517	12.01	48.89	1.11	7.22	26.7	1.96	43.83
1.531	12.01	48.89	1.18	7.25	26.7	1.88	43.83
1.545	12.01	48.89	1.03	7.26	28.55	1.98	43.83
1.56	12.01	48.89	0.92	7.21	29.3	1.94	43.83
1.575	12.01	48.89	1.18	7.16	26.09	1.88	43.83
1.588	12.01	48.89	1.07	7.09	26.35	1.82	43.83
1.596	12.01	48.89	1.14	7.03	32.88	1.83	43.83
1.6	12.01	48.89	0.99	6.97	30.17	1.92	43.83
1.61	12.01	48.89	1.11	6.93	25.79	2.0	43.83
1.624	12.01	48.89	0.99	6.9	27.46	2.04	43.83
1.638	12.01	48.89	1.11	6.88	30.03	2.02	43.84
1.645	12.01	48.89	0.88	6.87	27.28	2.06	43.83
1.655	12.01	48.89	1.07	6.86	25.21	2.12	43.84
1.674	12.01	48.89	1.11	6.84	26.53	2.14	43.84

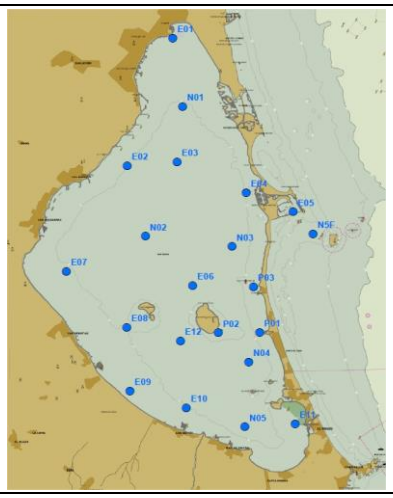
1.694	12.01	48.89	1.11	6.82	28.0	2.1	43.84
1.711	12.01	48.89	1.22	6.79	28.19	2.09	43.84
1.723	12.01	48.89	1.22	6.76	28.06	2.42	43.84
1.73	12.01	48.89	1.07	6.74	26.01	2.02	43.84
1.736	12.01	48.89	1.11	6.73	26.3	2.03	43.83
1.744	12.01	48.89	1.34	6.72	29.24	2.1	43.84
1.753	12.01	48.89	1.34	6.72	26.21	3.02	43.83
1.758	12.01	48.89	1.34	6.74	24.6	2.18	43.84
1.773	12.01	48.89	1.6	6.74	26.03	2.04	43.84
1.798	12.01	48.89	1.53	6.75	29.14	2.07	43.84
1.817	12.01	48.89	1.53	6.76	25.7	1.92	43.84
1.829	12.01	48.89	1.95	6.76	24.28	2.06	43.84
1.861	12.01	48.89	1.53	6.76	26.4	1.94	43.83
1.89	12.01	48.89	1.91	6.76	27.41	1.91	43.83
1.904	12.01	48.89	1.72	6.75	25.61	2.11	43.84
1.917	12.01	48.89	1.34	6.75	25.28	2.08	43.83
1.931	12.01	48.89	1.34	6.78	25.64	2.32	43.83
1.943	12.01	48.89	1.18	6.83	26.18	2.07	43.83
1.957	12.01	48.89	1.03	6.92	25.36	1.91	43.83
1.967	12.01	48.89	1.11	7.03	24.38	1.97	43.83
1.968	12.01	48.89	1.18	7.14	24.49	2.13	43.83
1.983	12.01	48.89	1.18	7.25	25.22	2.07	43.83
2.008	12.01	48.89	1.18	7.34	25.79	2.1	43.83
2.028	12.01	48.89	1.3	7.41	24.31	2.04	43.83
2.039	12.01	48.89	1.3	7.45	24.12	1.85	43.83
2.049	12.01	48.89	1.22	7.45	26.1	2.04	43.83
2.06	12.01	48.89	1.22	7.44	24.26	2.11	43.83
2.07	12.01	48.89	1.14	7.43	23.97	2.08	43.83
2.082	12.01	48.89	1.22	7.43	24.44	1.91	43.83
2.092	12.01	48.89	1.34	7.42	25.4	2.02	43.83
2.103	12.01	48.89	1.26	7.4	24.06	2.28	43.83
2.125	12.01	48.89	1.22	7.38	23.45	2.04	43.83
2.147	12.01	48.89	1.26	7.35	24.45	2.07	43.83
2.158	12.01	48.89	1.18	7.32	25.48	2.33	43.83
2.165	12.01	48.89	0.99	7.28	24.44	2.09	43.83
2.175	12.01	48.89	1.22	7.24	22.92	2.66	43.83
2.188	12.01	48.89	1.41	7.21	23.58	2.46	43.83
2.196	12.01	48.89	1.37	7.19	24.92	2.16	43.83
2.206	12.01	48.89	1.41	7.18	23.23	2.43	43.83
2.221	12.01	48.89	1.3	7.17	23.11	2.13	43.83
2.238	12.01	48.89	1.22	7.19	25.05	2.04	43.83
2.255	12.01	48.89	1.41	7.21	25.68	1.92	43.83
2.263	12.01	48.89	1.37	7.23	23.57	1.95	43.83
2.267	12.01	48.89	1.37	7.28	23.24	2.22	43.83
2.276	12.01	48.89	1.37	7.33	23.85	2.24	43.83
2.285	12.01	48.89	1.34	7.38	23.28	2.24	43.83
2.298	12.01	48.89	1.18	7.43	23.21	2.01	43.83
2.316	12.01	48.89	1.22	7.48	23.57	1.89	43.83
2.334	12.01	48.89	1.34	7.5	23.26	1.85	43.83
2.351	12.01	48.89	1.22	7.49	23.47	1.85	43.83
2.372	12.01	48.89	1.3	7.46	23.3	1.91	43.83
2.394	12.01	48.89	1.26	7.4	22.34	1.92	43.83
2.414	12.01	48.89	1.64	7.33	22.52	1.98	43.83
2.436	12.01	48.89	1.41	7.23	22.69	1.86	43.83
2.457	12.01	48.89	1.22	7.14	23.23	2.11	43.83
2.471	12.01	48.89	1.45	7.06	22.92	2.37	43.83
2.476	12.01	48.89	1.49	6.98	22.46	2.11	43.83
2.484	12.01	48.89	1.34	6.91	22.98	2.01	43.83

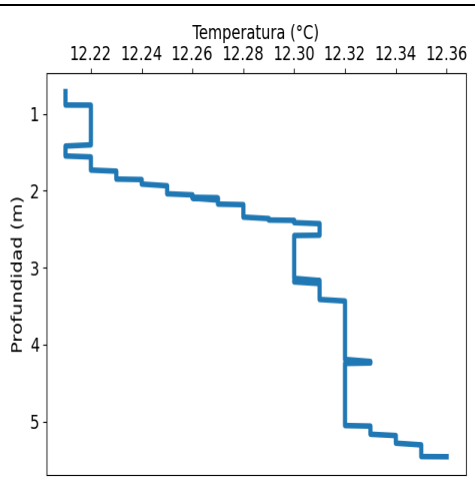
2.506	12.01	48.89	1.6	6.86	23.14	2.08	43.83
2.529	12.01	48.89	1.53	6.8	22.87	1.92	43.84
2.544	12.01	48.89	1.64	6.77	22.48	1.98	43.84
2.566	12.01	48.89	2.25	6.75	22.46	1.95	43.83
2.6	12.01	48.89	2.21	6.72	22.77	2.3	43.83
2.639	12.01	48.89	2.02	6.71	22.7	2.05	43.83
2.671	12.01	48.89	1.91	6.7	22.3	2.1	43.84
2.695	12.01	48.89	1.91	6.7	21.83	2.22	43.84
2.716	12.01	48.89	1.49	6.7	22.07	2.22	43.84
2.74	12.01	48.89	1.76	6.71	22.0	2.17	43.84
2.766	12.01	48.89	1.98	6.71	21.98	1.99	43.84
2.792	12.01	48.89	1.6	6.72	21.76	2.0	43.84
2.809	12.01	48.89	1.45	6.72	22.05	2.17	43.84
2.821	12.01	48.89	1.26	6.74	21.98	2.04	43.84
2.832	12.01	48.89	1.11	6.78	21.41	2.01	43.84
2.853	12.01	48.89	1.37	6.78	21.86	1.98	43.84
2.883	12.01	48.89	1.34	6.82	21.82	1.98	43.84
2.914	12.01	48.89	1.18	6.83	21.64	1.96	43.84
2.94	12.01	48.89	1.22	6.85	21.79	2.29	43.84
2.963	12.01	48.89	1.41	6.85	22.3	1.91	43.84
2.973	12.01	48.89	1.3	6.84	21.61	1.96	43.84
2.98	12.01	48.89	0.95	6.81	21.86	1.89	43.84
2.988	12.01	48.89	1.18	6.77	21.87	2.08	43.84
2.996	12.01	48.89	1.11	6.73	21.32	2.11	43.84
3.006	12.01	48.89	1.34	6.68	21.79	2.11	43.84
3.01	12.01	48.89	1.37	6.61	21.85	2.04	43.84
3.022	12.01	48.89	1.11	6.58	21.57	1.96	43.84
3.054	12.01	48.89	1.11	6.55	21.36	1.98	43.84
3.087	12.01	48.89	1.18	6.52	21.37	1.86	43.84
3.113	12.01	48.89	1.22	6.5	21.04	1.98	43.84
3.135	12.01	48.89	1.49	6.49	21.29	2.27	43.84
3.158	12.01	48.89	1.91	6.48	21.58	1.92	43.84
3.17	12.01	48.89	1.64	6.48	20.83	1.99	43.84
3.171	12.01	48.89	1.22	6.49	21.27	1.9	43.84
3.183	12.01	48.89	2.25	6.5	20.78	1.95	43.84
3.252	12.01	48.89	1.83	6.55	20.28	1.88	43.84
3.286	12.01	48.89	1.91	6.57	20.42	1.88	43.84
3.311	12.01	48.89	1.6	6.6	20.5	2.01	43.84
3.322	12.01	48.89	1.14	6.62	20.04	2.03	43.84
3.328	12.01	48.89	1.3	6.63	19.99	1.95	43.84
3.343	12.01	48.89	1.41	6.65	20.14	1.92	43.84
3.373	12.01	48.89	1.41	6.66	19.86	1.88	43.84
3.405	12.01	48.89	1.76	6.67	19.47	2.07	43.84
3.438	12.01	48.89	2.1	6.69	19.38	2.2	43.84
3.473	12.01	48.89	1.6	6.72	19.4	2.77	43.84
3.508	12.01	48.89	1.3	6.74	19.3	2.71	43.84
3.54	12.01	48.89	1.3	6.76	18.95	2.21	43.84
3.567	12.01	48.89	1.37	6.77	18.86	1.99	43.84
3.585	12.01	48.89	1.18	6.76	18.9	2.17	43.84
3.593	12.01	48.89	1.03	6.75	18.94	1.98	43.84
3.596	12.01	48.89	1.18	6.73	18.89	2.22	43.84
3.604	12.01	48.89	0.88	6.7	18.86	2.07	43.84
3.623	12.01	48.89	1.07	6.68	18.75	2.04	43.84
3.65	12.01	48.89	1.37	6.66	18.64	2.0	43.84
3.677	12.01	48.89	1.41	6.65	18.54	1.95	43.84
3.712	12.01	48.89	1.45	6.64	18.34	2.17	43.83
3.755	12.01	48.89	1.34	6.64	18.23	2.22	43.83
3.795	12.01	48.89	1.34	6.63	18.2	2.25	43.83

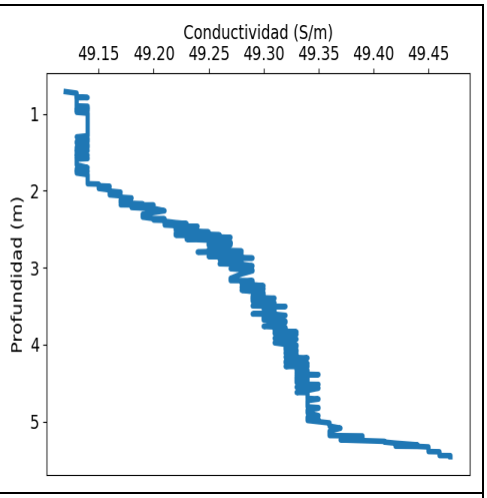
3.82	12.01	48.89	1.22	6.62	18.08	2.17	43.83
3.828	12.01	48.89	1.03	6.61	18.06	2.02	43.83
3.83	12.01	48.89	1.07	6.61	18.18	1.93	43.83
3.836	12.01	48.89	1.03	6.61	18.07	2.07	43.83
3.847	12.01	48.89	0.84	6.61	18.01	2.01	43.83
3.854	12.01	48.89	0.99	6.61	17.98	2.04	43.83
3.862	12.01	48.89	0.95	6.6	18.0	2.14	43.83
3.874	12.01	48.89	0.99	6.61	17.85	2.3	43.83
3.886	12.01	48.89	0.92	6.74	17.66	2.66	43.84
3.889	12.01	48.89	1.18	6.78	17.66	2.33	43.84
3.895	12.01	48.89	1.34	6.82	17.66	2.33	43.84
3.9	12.01	48.89	1.07	6.86	17.61	2.2	43.84
3.904	12.01	48.9	0.99	6.9	17.56	2.33	43.84
3.913	12.01	48.9	1.45	6.95	17.6	2.2	43.84
3.917	12.01	48.9	1.68	7.05	17.55	2.26	43.84
3.935	12.02	48.9	1.56	7.09	17.29	2.18	43.84
3.993	12.02	48.9	1.26	7.14	17.04	2.13	43.84
4.058	12.02	48.9	1.18	7.19	16.87	2.07	43.84
4.109	12.02	48.9	1.18	7.25	16.71	2.14	43.84
4.157	12.02	48.9	1.56	7.3	16.56	2.26	43.84
4.202	12.02	48.9	1.37	7.35	16.41	2.24	43.84
4.239	12.02	48.9	1.22	7.4	16.34	2.03	43.84
4.264	12.02	48.9	1.37	7.45	16.22	2.08	43.84
4.28	12.02	48.9	1.11	7.52	16.16	2.08	43.84
4.303	12.02	48.91	1.14	7.59	16.0	2.15	43.84
4.334	12.02	48.91	1.34	7.66	15.86	2.23	43.84
4.362	12.02	48.91	1.41	7.76	15.88	2.13	43.84
4.382	12.02	48.91	1.14	7.86	15.8	2.11	43.84
4.399	12.02	48.91	1.11	7.98	15.73	2.1	43.84
4.411	12.02	48.91	1.14	8.1	15.64	1.94	43.84
4.419	12.02	48.91	0.95	8.21	15.65	1.97	43.84
4.432	12.02	48.92	1.11	8.31	15.61	1.98	43.86
4.458	12.03	48.94	1.18	8.41	15.48	2.05	43.87
4.488	12.04	48.96	1.49	8.48	15.35	2.14	43.88
4.515	12.05	48.99	1.6	8.54	15.25	2.13	43.9
4.544	12.06	49.04	1.68	8.59	15.14	2.1	43.92
4.574	12.09	49.11	1.87	8.6	15.09	2.01	43.97
4.61	12.11	49.16	2.1	8.58	14.93	2.06	43.99
4.648	12.14	49.22	1.68	8.54	14.74	2.33	44.02
4.681	12.17	49.28	1.22	8.48	14.69	2.07	44.05
4.708	12.2	49.34	1.37	8.41	14.6	2.09	44.07
4.728	12.22	49.37	1.22	8.36	14.56	2.11	44.08
4.737	12.24	49.4	1.26	8.31	14.52	1.96	44.08
4.742	12.26	49.44	0.99	8.27	14.5	1.98	44.1
4.754	12.27	49.45	1.03	8.24	14.38	1.98	44.09
4.78	12.28	49.46	1.18	8.22	14.29	2.06	44.09
4.812	12.29	49.46	1.22	8.2	14.17	2.45	44.08
4.847	12.29	49.47	1.14	8.19	13.99	2.24	44.09
4.889	12.3	49.48	1.14	8.17	13.85	2.06	44.09
4.927	12.3	49.49	1.26	8.13	13.76	2.91	44.1
4.96	12.3	49.49	1.41	8.1	13.63	2.17	44.09
4.995	12.31	49.49	1.03	8.05	13.49	1.82	44.09
5.028	12.31	49.49	0.99	8.01	13.39	1.85	44.09
5.051	12.31	49.5	0.92	7.97	13.36	1.77	44.09
5.066	12.31	49.5	0.76	7.91	13.32	1.77	44.09
5.084	12.31	49.5	0.57	7.87	13.24	2.09	44.09
5.101	12.31	49.5	0.53	7.83	13.22	1.91	44.09
5.11	12.31	49.5	0.38	7.8	13.18	1.94	44.09

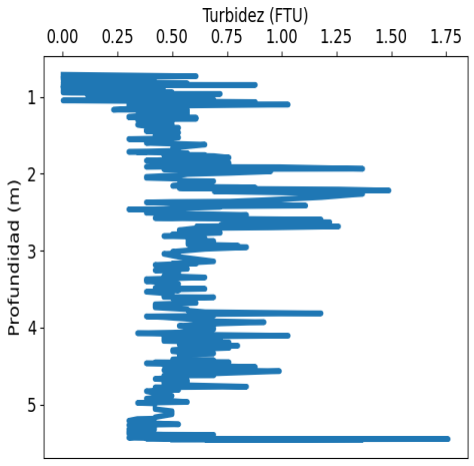
5.122	12.31	49.5	0.61	7.77	13.15	1.85	44.1
5.146	12.31	49.5	0.88	7.75	13.02	1.98	44.1
5.171	12.31	49.5	0.92	7.73	12.98	2.06	44.1
5.18	12.31	49.5	0.88	7.72	13.02	1.75	44.1
5.184	12.31	49.5	0.88	7.72	12.97	2.24	44.1
5.2	12.31	49.5	0.99	7.72	12.88	1.9	44.1
5.226	12.31	49.5	0.8	7.72	12.8	1.8	44.1
5.254	12.31	49.5	0.69	7.71	12.75	1.75	44.1
5.282	12.31	49.5	0.84	7.7	12.67	1.79	44.1
5.304	12.31	49.51	0.53	7.7	12.68	1.75	44.1
5.316	12.31	49.51	0.84	7.7	12.65	1.37	44.1
5.324	12.31	49.51	0.8	7.7	12.64	1.75	44.1
5.338	12.31	49.51	0.88	7.7	12.55	1.63	44.1
5.356	12.31	49.51	0.8	7.72	12.52	1.67	44.1
5.368	12.31	49.51	0.84	7.74	12.52	1.27	44.1
5.376	12.31	49.51	0.84	7.76	12.45	1.46	44.1
5.392	12.31	49.51	0.76	7.78	12.39	1.5	44.1
5.411	12.31	49.51	0.61	7.79	12.38	1.77	44.1
5.415	12.31	49.51	0.46	7.8	12.38	1.65	44.1
5.422	12.31	49.51	0.53	7.79	12.35	1.57	44.1
5.437	12.31	49.51	0.5	7.78	12.32	1.57	44.1
5.45	12.31	49.51	0.42	7.82	12.36	1.63	44.1
5.458	12.31	49.51	0.53	7.82	12.28	1.42	44.1
5.49	12.31	49.51	0.8	7.81	12.18	2.04	44.1
5.525	12.31	49.51	0.76	7.81	12.16	1.31	44.1
5.553	12.31	49.51	0.72	7.8	12.11	1.27	44.1
5.582	12.31	49.51	0.46	7.8	12.05	1.25	44.1
5.609	12.31	49.51	0.53	7.79	12.0	1.23	44.1
5.63	12.31	49.51	0.65	7.79	11.93	1.16	44.1
5.658	12.31	49.51	0.76	7.78	11.92	1.27	44.1
5.689	12.31	49.51	0.65	7.79	11.85	1.14	44.1
5.72	12.31	49.51	0.57	7.79	11.76	1.03	44.1
5.751	12.31	49.51	0.57	7.81	11.71	0.92	44.1
5.772	12.31	49.51	0.61	7.82	11.7	0.89	44.1
5.784	12.32	49.51	0.57	7.82	11.68	0.95	44.1
5.802	12.32	49.51	0.53	7.81	11.63	1.08	44.1
5.826	12.32	49.51	0.57	7.81	11.55	1.14	44.1
5.855	12.31	49.51	0.57	7.8	11.48	1.2	44.1
5.889	12.31	49.51	0.65	7.79	11.4	0.92	44.1
5.916	12.31	49.51	0.72	7.78	11.37	0.83	44.1
5.942	12.32	49.51	0.46	7.79	11.32	0.84	44.1
5.973	12.32	49.51	0.65	7.8	11.23	0.87	44.1
6.008	12.32	49.51	0.61	7.81	11.14	0.82	44.1
6.043	12.32	49.51	0.42	7.81	11.09	0.85	44.1
6.073	12.32	49.52	0.57	7.83	10.97	1.05	44.1
6.094	12.32	49.52	0.53	7.83	10.9	0.83	44.11
6.104	12.32	49.52	0.69	7.85	10.86	0.77	44.11

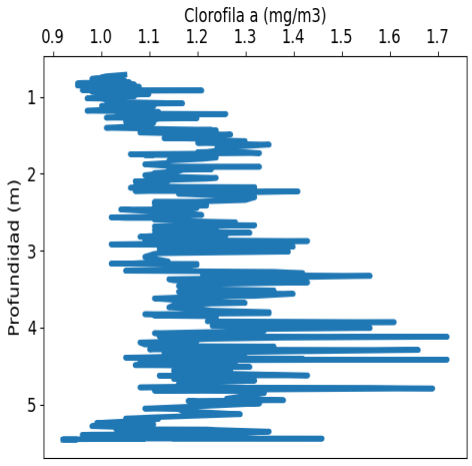
Nombre: CTD E02 - Punto 003 **Fecha: 16/01/2024** **Hora: 08:01:02**

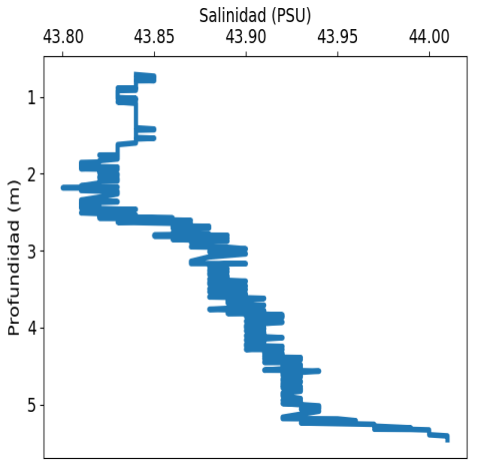


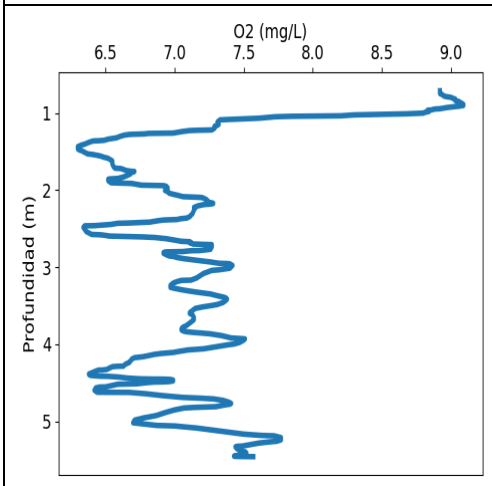


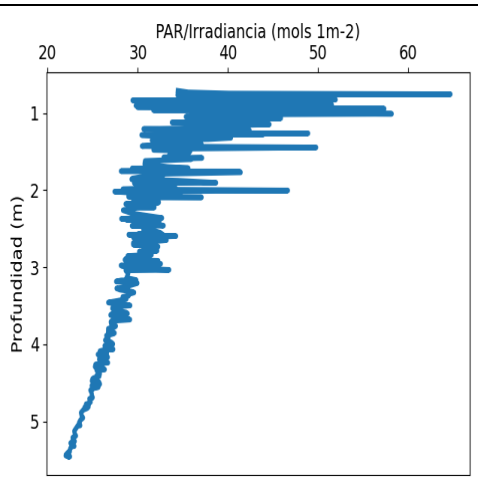












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.21	49.12	0.0	6.3	22.0	0.92	43.8
PROF (metros)	0.713	0.713	0.713	1.436	5.442	5.451	2.183
MÁXIMO	12.36	12.36	1.76	9.09	64.67	1.72	44.01
PROF (metros)	5.455	5.442	5.448	0.888	0.757	4.119	5.407

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.22	49.13	0.35	8.97	41.06	1.01	43.84
1 - 2m	12.22	49.14	0.49	6.86	35.74	1.13	43.83
2 - 3m	12.29	49.23	0.69	6.97	30.97	1.16	43.84
3 - 4m	12.31	49.3	0.54	7.19	28.05	1.23	43.89
4 - 5m	12.32	49.34	0.57	6.82	25.31	1.25	43.92
5 - 6m	12.35	49.43	0.55	7.46	22.64	1.09	43.98

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	12.21	49.12	0.0	8.92	34.44	1.05	43.84
0.733	12.21	49.13	0.61	8.92	35.59	1.01	43.85
0.748	12.21	49.13	0.3	8.92	40.11	1.0	43.85
0.752	12.21	49.13	0.0	8.93	50.37	1.04	43.85
0.757	12.21	49.13	0.27	8.93	64.67	0.99	43.84
0.767	12.21	49.13	0.0	8.94	34.4	0.98	43.84
0.781	12.21	49.13	0.0	8.95	44.88	1.03	43.84
0.79	12.21	49.14	0.42	8.97	40.7	1.05	43.85
0.792	12.21	49.13	0.15	8.98	38.73	0.98	43.84
0.798	12.21	49.13	0.23	9.0	47.33	1.0	43.84
0.814	12.21	49.13	0.0	9.02	34.74	1.06	43.84
0.819	12.21	49.13	0.3	9.03	48.3	0.96	43.84
0.827	12.21	49.13	0.57	9.03	51.94	0.95	43.84
0.836	12.21	49.13	0.15	9.03	29.42	0.98	43.84
0.841	12.21	49.13	0.0	9.04	34.89	1.07	43.84
0.846	12.21	49.13	0.88	9.04	49.13	0.98	43.84
0.849	12.21	49.13	0.38	9.05	35.33	1.0	43.84
0.854	12.21	49.13	0.3	9.06	46.22	0.95	43.84
0.861	12.21	49.13	0.0	9.06	32.43	1.07	43.84
0.867	12.21	49.13	0.0	9.07	44.52	1.01	43.84
0.869	12.21	49.13	0.34	9.07	35.06	1.0	43.84
0.87	12.21	49.13	0.0	9.07	46.1	1.08	43.84
0.876	12.21	49.13	0.34	9.08	35.71	0.99	43.84
0.883	12.21	49.13	0.0	9.08	41.99	1.06	43.84
0.887	12.21	49.13	0.0	9.08	32.18	1.01	43.84
0.888	12.22	49.13	0.0	9.09	40.26	1.07	43.83
0.893	12.22	49.13	0.0	9.09	51.52	1.04	43.84
0.898	12.22	49.13	0.46	9.09	44.34	1.0	43.84
0.903	12.22	49.14	0.3	9.09	29.77	0.98	43.84
0.908	12.22	49.14	0.34	9.07	33.56	1.0	43.84
0.913	12.22	49.14	0.46	9.06	48.62	0.96	43.84
0.915	12.22	49.14	0.46	9.04	40.6	1.02	43.84
0.919	12.22	49.14	0.0	9.02	39.37	1.21	43.83
0.923	12.22	49.14	0.0	9.0	29.94	1.07	43.83
0.93	12.22	49.13	0.15	8.97	37.05	1.03	43.83
0.936	12.22	49.14	0.08	8.95	42.49	0.98	43.83

0.941	12.22	49.14	0.5	8.93	37.23	1.04	43.83
0.945	12.22	49.13	0.0	8.92	57.33	1.02	43.83
0.948	12.22	49.13	0.04	8.89	33.79	0.99	43.83
0.954	12.22	49.13	0.3	8.87	36.18	1.01	43.83
0.961	12.22	49.14	0.42	8.86	48.36	1.06	43.83
0.963	12.22	49.14	0.72	8.84	31.72	1.05	43.83
0.965	12.22	49.13	0.42	8.83	47.68	1.1	43.83
0.974	12.22	49.13	0.11	8.84	39.45	1.07	43.83
0.981	12.22	49.13	0.34	8.84	42.99	1.01	43.83
0.993	12.22	49.14	0.19	8.81	39.85	1.07	43.83
1.002	12.22	49.14	0.19	8.8	50.23	1.03	43.83
1.011	12.22	49.14	0.27	8.68	58.16	1.04	43.83
1.022	12.22	49.14	0.15	8.4	35.94	0.97	43.84
1.025	12.22	49.14	0.27	8.3	38.75	1.0	43.83
1.037	12.22	49.14	0.69	8.2	41.45	1.01	43.84
1.043	12.22	49.14	0.34	7.85	39.56	1.04	43.84
1.049	12.22	49.14	0.0	7.73	35.32	1.01	43.84
1.068	12.22	49.14	0.88	7.61	45.87	1.04	43.83
1.086	12.22	49.14	0.3	7.37	36.68	1.17	43.84
1.089	12.22	49.14	0.42	7.33	39.79	1.12	43.84
1.102	12.22	49.14	1.03	7.32	35.64	1.08	43.84
1.119	12.22	49.14	0.42	7.31	39.51	1.0	43.84
1.123	12.22	49.14	0.34	7.31	33.78	1.11	43.84
1.128	12.22	49.14	0.3	7.31	35.07	1.05	43.84
1.148	12.22	49.14	0.34	7.32	44.6	1.01	43.84
1.169	12.22	49.14	0.23	7.3	37.5	1.01	43.84
1.171	12.22	49.14	0.57	7.29	38.55	1.0	43.84
1.182	12.22	49.14	0.34	7.29	39.18	0.97	43.84
1.195	12.22	49.14	0.42	7.29	37.67	1.11	43.84
1.196	12.22	49.14	0.57	7.29	38.07	1.12	43.84
1.208	12.22	49.14	0.53	7.28	30.63	1.06	43.84
1.22	12.22	49.14	0.5	7.27	36.79	1.11	43.84
1.224	12.22	49.14	0.57	7.17	42.39	1.26	43.84
1.228	12.22	49.14	0.5	7.11	34.01	1.08	43.84
1.242	12.22	49.14	0.38	7.05	34.54	1.11	43.84
1.261	12.22	49.14	0.3	6.99	35.63	1.03	43.84
1.264	12.22	49.14	0.42	6.87	48.89	1.13	43.84
1.265	12.22	49.14	0.3	6.81	33.21	1.06	43.84
1.272	12.22	49.14	0.61	6.78	32.4	1.01	43.84
1.276	12.22	49.14	0.5	6.7	43.95	1.08	43.84
1.279	12.22	49.14	0.46	6.67	37.45	1.2	43.84
1.286	12.22	49.14	0.61	6.64	30.41	1.12	43.84
1.301	12.22	49.13	0.34	6.61	32.69	1.11	43.84
1.322	12.22	49.14	0.38	6.58	40.33	1.05	43.84
1.339	12.22	49.14	0.5	6.52	37.86	1.11	43.84
1.355	12.22	49.14	0.5	6.49	31.55	1.07	43.84
1.36	12.22	49.14	0.42	6.45	32.85	1.08	43.84
1.363	12.22	49.13	0.34	6.41	34.75	1.07	43.84
1.381	12.22	49.13	0.38	6.38	34.99	1.07	43.84
1.404	12.22	49.14	0.53	6.35	37.07	1.01	43.84
1.42	12.21	49.14	0.42	6.32	31.31	1.14	43.85
1.429	12.21	49.14	0.42	6.31	30.46	1.23	43.85
1.434	12.21	49.14	0.38	6.31	33.31	1.19	43.84
1.436	12.21	49.13	0.42	6.3	35.02	1.24	43.84
1.447	12.21	49.13	0.38	6.3	49.78	1.08	43.84
1.466	12.21	49.13	0.53	6.3	32.03	1.08	43.84
1.479	12.21	49.14	0.42	6.31	31.74	1.17	43.84
1.491	12.21	49.13	0.42	6.33	35.83	1.27	43.84

1.511	12.21	49.13	0.42	6.35	35.72	1.23	43.84
1.53	12.21	49.13	0.53	6.37	34.11	1.17	43.84
1.539	12.21	49.14	0.5	6.41	33.55	1.13	43.85
1.549	12.21	49.13	0.3	6.44	33.48	1.24	43.84
1.561	12.22	49.13	0.42	6.47	35.58	1.21	43.84
1.575	12.22	49.14	0.46	6.49	32.86	1.3	43.84
1.583	12.22	49.14	0.42	6.51	37.13	1.28	43.84
1.589	12.22	49.13	0.42	6.52	35.72	1.24	43.84
1.6	12.22	49.13	0.38	6.53	35.91	1.2	43.84
1.622	12.22	49.13	0.65	6.55	30.8	1.35	43.83
1.664	12.22	49.13	0.5	6.55	30.75	1.24	43.83
1.7	12.22	49.14	0.53	6.56	33.34	1.24	43.83
1.716	12.22	49.13	0.3	6.57	35.6	1.22	43.83
1.719	12.22	49.13	0.38	6.6	29.36	1.2	43.83
1.72	12.22	49.13	0.34	6.61	32.2	1.3	43.83
1.732	12.22	49.13	0.57	6.63	35.54	1.33	43.83
1.746	12.23	49.14	0.5	6.65	34.11	1.06	43.83
1.754	12.23	49.13	0.46	6.68	28.13	1.11	43.83
1.757	12.23	49.13	0.65	6.69	31.26	1.09	43.83
1.758	12.23	49.13	0.46	6.71	41.27	1.15	43.82
1.77	12.23	49.13	0.69	6.69	41.41	1.21	43.83
1.791	12.23	49.14	0.76	6.68	31.87	1.24	43.83
1.808	12.23	49.14	0.57	6.66	32.82	1.21	43.83
1.83	12.23	49.14	0.38	6.63	30.36	1.14	43.82
1.849	12.23	49.14	0.53	6.59	29.42	1.14	43.82
1.855	12.24	49.14	0.61	6.53	31.15	1.14	43.81
1.859	12.24	49.14	0.76	6.52	29.3	1.14	43.81
1.878	12.24	49.14	0.76	6.52	34.48	1.09	43.81
1.905	12.24	49.14	0.5	6.54	38.68	1.15	43.81
1.91	12.24	49.14	0.38	6.63	29.59	1.33	43.82
1.914	12.24	49.15	0.99	6.69	32.31	1.21	43.83
1.936	12.25	49.15	1.37	6.76	33.51	1.14	43.81
1.942	12.25	49.16	0.46	6.92	32.22	1.23	43.83
1.95	12.25	49.16	0.57	6.94	32.43	1.17	43.82
1.97	12.25	49.15	0.95	6.95	34.17	1.16	43.82
1.99	12.25	49.16	0.76	6.95	28.32	1.11	43.82
2.005	12.25	49.16	0.57	6.93	46.64	1.11	43.83
2.019	12.25	49.17	0.53	6.95	27.42	1.09	43.83
2.04	12.25	49.16	0.38	6.96	30.18	1.15	43.82
2.054	12.26	49.16	0.38	6.99	31.64	1.24	43.82
2.066	12.26	49.17	0.53	7.02	34.76	1.22	43.83
2.085	12.26	49.17	0.53	7.06	28.95	1.12	43.83
2.094	12.27	49.18	0.57	7.18	37.08	1.14	43.83
2.097	12.26	49.18	0.69	7.2	31.15	1.07	43.82
2.122	12.27	49.17	0.61	7.23	29.48	1.08	43.82
2.158	12.27	49.17	0.5	7.25	32.34	1.07	43.81
2.17	12.27	49.19	0.61	7.28	32.12	1.17	43.82
2.174	12.27	49.19	0.8	7.28	29.82	1.32	43.83
2.181	12.28	49.17	0.88	7.26	28.64	1.09	43.81
2.183	12.28	49.17	0.72	7.25	31.13	1.06	43.8
2.186	12.28	49.2	0.53	7.22	30.31	1.26	43.82
2.192	12.28	49.18	0.57	7.2	29.76	1.14	43.82
2.204	12.28	49.18	1.26	7.17	31.42	1.1	43.81
2.218	12.28	49.18	1.49	7.15	29.75	1.11	43.81
2.225	12.28	49.19	0.99	7.14	31.84	1.07	43.82
2.23	12.28	49.2	0.69	7.15	29.93	1.41	43.83
2.261	12.28	49.21	1.37	7.14	28.36	1.16	43.83
2.305	12.28	49.19	1.18	7.13	29.48	1.32	43.82

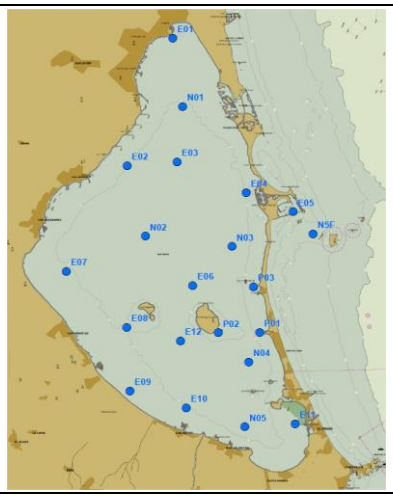
2.343	12.28	49.19	0.92	7.11	31.61	1.3	43.81
2.362	12.29	49.2	0.76	7.09	32.69	1.2	43.83
2.366	12.29	49.21	0.5	7.07	29.58	1.11	43.83
2.372	12.29	49.2	0.38	7.04	28.17	1.2	43.82
2.381	12.29	49.2	0.46	7.02	31.23	1.14	43.81
2.385	12.3	49.21	0.5	6.95	29.76	1.16	43.82
2.388	12.3	49.21	0.53	6.92	28.76	1.11	43.81
2.397	12.3	49.21	0.92	6.88	32.42	1.17	43.81
2.415	12.3	49.22	1.11	6.82	32.15	1.22	43.82
2.428	12.31	49.23	0.5	6.65	29.7	1.11	43.82
2.43	12.31	49.21	0.72	6.59	30.85	1.15	43.81
2.445	12.31	49.21	0.57	6.54	31.8	1.2	43.81
2.461	12.31	49.23	0.46	6.42	32.86	1.17	43.83
2.463	12.31	49.24	0.3	6.35	29.34	1.08	43.84
2.465	12.31	49.22	0.46	6.35	30.35	1.04	43.82
2.484	12.31	49.22	0.46	6.34	30.72	1.09	43.82
2.508	12.31	49.22	0.38	6.35	30.6	1.17	43.81
2.536	12.31	49.25	0.84	6.36	32.03	1.21	43.84
2.556	12.31	49.22	0.69	6.38	32.54	1.15	43.82
2.566	12.31	49.24	0.61	6.39	30.08	1.02	43.84
2.575	12.31	49.26	0.5	6.4	32.77	1.05	43.86
2.576	12.31	49.22	0.42	6.42	32.35	1.17	43.82
2.578	12.31	49.25	0.46	6.45	28.98	1.13	43.85
2.582	12.3	49.26	0.61	6.48	29.56	1.13	43.86
2.596	12.3	49.25	1.18	6.53	34.24	1.11	43.85
2.607	12.3	49.27	0.8	6.77	31.74	1.14	43.87
2.615	12.3	49.25	0.95	6.86	29.5	1.17	43.85
2.63	12.3	49.23	1.22	6.94	30.6	1.28	43.83
2.648	12.3	49.26	0.84	7.0	33.19	1.22	43.87
2.664	12.3	49.26	0.72	7.05	31.79	1.21	43.86
2.669	12.3	49.27	0.8	7.11	30.69	1.32	43.87
2.681	12.3	49.26	0.72	7.12	30.66	1.21	43.87
2.684	12.3	49.27	0.61	7.11	30.47	1.11	43.88
2.685	12.3	49.25	1.26	7.12	29.49	1.12	43.86
2.699	12.3	49.25	0.95	7.13	30.43	1.18	43.86
2.705	12.3	49.27	0.65	7.24	31.65	1.17	43.88
2.707	12.3	49.25	0.61	7.27	29.49	1.24	43.86
2.733	12.3	49.26	0.53	7.27	32.26	1.11	43.87
2.768	12.3	49.25	0.72	7.26	31.33	1.31	43.86
2.784	12.3	49.28	0.57	7.18	30.57	1.11	43.88
2.786	12.3	49.27	0.5	7.12	32.15	1.11	43.88
2.797	12.3	49.24	0.5	7.06	30.15	1.14	43.85
2.8	12.3	49.28	0.53	6.96	30.85	1.12	43.89
2.803	12.3	49.27	0.53	6.93	30.98	1.26	43.87
2.81	12.3	49.25	0.46	6.92	30.71	1.1	43.85
2.82	12.3	49.27	0.61	6.92	30.31	1.08	43.88
2.838	12.3	49.28	0.65	6.94	31.53	1.25	43.89
2.854	12.3	49.25	0.57	6.96	28.87	1.09	43.86
2.86	12.3	49.27	0.57	6.99	30.31	1.09	43.87
2.875	12.3	49.29	0.69	7.02	31.28	1.43	43.89
2.89	12.3	49.26	0.57	7.07	28.67	1.23	43.87
2.904	12.3	49.27	0.65	7.13	28.55	1.17	43.88
2.917	12.3	49.27	0.57	7.19	32.27	1.02	43.88
2.932	12.3	49.28	0.8	7.26	29.12	1.22	43.88
2.949	12.3	49.26	0.76	7.32	29.88	1.4	43.87
2.953	12.3	49.27	0.84	7.38	29.88	1.17	43.88
2.956	12.3	49.28	0.84	7.4	32.55	1.13	43.89
2.977	12.3	49.29	0.65	7.42	28.12	1.12	43.9

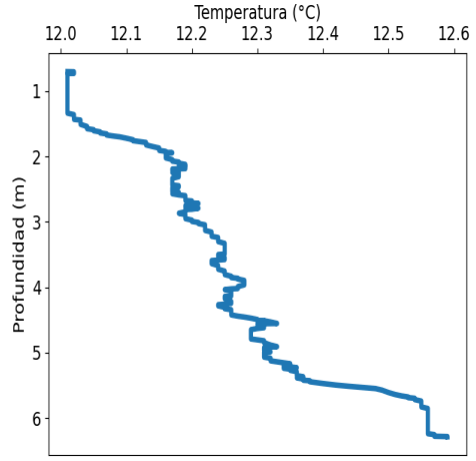
3.013	12.3	49.27	0.5	7.4	29.0	1.39	43.88
3.034	12.3	49.29	0.53	7.32	33.48	1.12	43.89
3.041	12.3	49.29	0.46	7.27	28.65	1.11	43.9
3.081	12.3	49.28	0.53	7.21	28.94	1.09	43.88
3.139	12.3	49.27	0.69	7.16	28.75	1.14	43.87
3.167	12.31	49.27	0.5	7.12	29.83	1.06	43.87
3.169	12.3	49.29	0.61	7.08	29.48	1.02	43.9
3.171	12.3	49.29	0.53	7.05	28.14	1.2	43.89
3.185	12.3	49.28	0.42	7.02	27.59	1.2	43.88
3.206	12.31	49.28	0.46	6.99	29.95	1.17	43.88
3.236	12.31	49.3	0.57	6.97	29.1	1.17	43.89
3.255	12.31	49.28	0.42	6.97	28.75	1.06	43.88
3.261	12.31	49.29	0.53	6.97	28.56	1.05	43.88
3.274	12.31	49.3	0.53	7.0	27.64	1.36	43.89
3.292	12.31	49.28	0.53	7.05	28.05	1.42	43.88
3.31	12.31	49.29	0.5	7.11	29.07	1.21	43.88
3.328	12.31	49.3	0.46	7.18	29.59	1.56	43.89
3.347	12.31	49.3	0.65	7.26	29.02	1.38	43.89
3.37	12.31	49.29	0.38	7.31	28.98	1.14	43.88
3.386	12.31	49.29	0.42	7.35	28.31	1.15	43.89
3.397	12.31	49.31	0.38	7.37	28.63	1.2	43.9
3.413	12.31	49.29	0.46	7.38	28.73	1.43	43.88
3.433	12.32	49.29	0.53	7.37	27.89	1.23	43.88
3.458	12.32	49.31	0.5	7.35	26.72	1.16	43.9
3.483	12.32	49.3	0.42	7.31	28.19	1.24	43.89
3.496	12.32	49.29	0.65	7.27	29.16	1.18	43.88
3.504	12.32	49.32	0.5	7.24	28.26	1.25	43.9
3.516	12.32	49.3	0.53	7.2	27.24	1.36	43.89
3.534	12.32	49.3	0.38	7.15	27.17	1.16	43.88
3.561	12.32	49.31	0.5	7.13	27.75	1.4	43.9
3.588	12.32	49.31	0.46	7.11	28.7	1.32	43.89
3.601	12.32	49.29	0.46	7.11	28.87	1.19	43.88
3.605	12.32	49.31	0.69	7.12	27.12	1.17	43.89
3.62	12.32	49.32	0.5	7.13	26.96	1.11	43.91
3.649	12.32	49.3	0.57	7.14	28.11	1.17	43.89
3.679	12.32	49.3	0.61	7.14	29.14	1.3	43.89
3.696	12.32	49.32	0.42	7.13	27.11	1.17	43.9
3.709	12.32	49.32	0.42	7.12	27.0	1.15	43.91
3.737	12.32	49.31	0.42	7.1	27.05	1.14	43.9
3.762	12.32	49.3	0.57	7.08	27.57	1.21	43.88
3.778	12.32	49.32	0.57	7.06	27.39	1.23	43.91
3.798	12.32	49.32	0.65	7.05	26.71	1.35	43.91
3.814	12.32	49.31	1.18	7.05	27.02	1.35	43.89
3.825	12.32	49.32	0.65	7.06	26.81	1.09	43.91
3.835	12.32	49.33	0.61	7.08	26.7	1.15	43.92
3.845	12.32	49.31	0.69	7.13	26.74	1.11	43.9
3.853	12.32	49.31	0.38	7.19	27.43	1.24	43.9
3.864	12.32	49.33	0.46	7.26	27.22	1.23	43.92
3.887	12.32	49.32	0.57	7.34	26.5	1.24	43.91
3.917	12.32	49.31	0.69	7.41	26.75	1.22	43.9
3.929	12.32	49.33	0.92	7.51	26.73	1.61	43.92
3.946	12.32	49.32	0.72	7.5	26.38	1.24	43.91
3.976	12.32	49.31	0.53	7.47	27.07	1.23	43.9
3.996	12.32	49.32	0.57	7.43	27.25	1.43	43.9
4.005	12.32	49.33	0.69	7.39	26.5	1.56	43.91
4.02	12.32	49.33	0.69	7.34	26.31	1.31	43.91
4.041	12.32	49.32	0.61	7.27	26.42	1.34	43.9
4.058	12.32	49.32	0.57	7.21	26.8	1.22	43.91

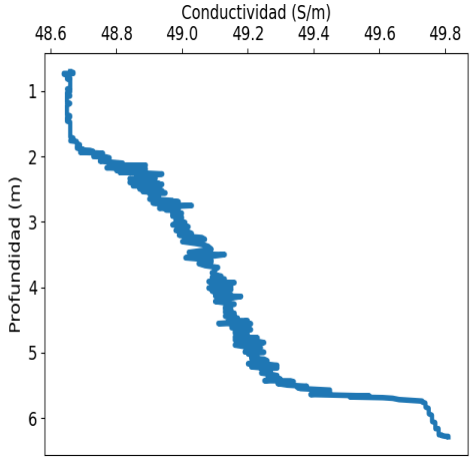
4.064	12.32	49.32	0.5	7.16	27.28	1.17	43.91
4.072	12.32	49.33	0.34	7.1	26.33	1.11	43.91
4.089	12.32	49.33	0.57	7.04	25.78	1.17	43.91
4.105	12.32	49.32	1.03	6.99	26.3	1.19	43.9
4.113	12.32	49.32	0.69	6.94	26.58	1.12	43.91
4.119	12.32	49.33	0.46	6.9	26.25	1.72	43.91
4.131	12.32	49.33	0.53	6.85	25.56	1.38	43.92
4.147	12.32	49.33	0.46	6.81	25.88	1.22	43.91
4.161	12.32	49.32	0.72	6.77	26.27	1.17	43.9
4.167	12.32	49.33	0.72	6.74	26.68	1.19	43.91
4.173	12.32	49.34	0.46	6.71	26.09	1.2	43.91
4.192	12.32	49.33	0.76	6.69	25.71	1.08	43.91
4.219	12.33	49.32	0.53	6.68	25.95	1.09	43.9
4.235	12.33	49.32	0.8	6.67	26.34	1.18	43.9
4.238	12.33	49.33	0.65	6.67	26.7	1.11	43.91
4.244	12.32	49.34	0.65	6.66	25.83	1.36	43.92
4.263	12.32	49.33	0.76	6.64	25.29	1.13	43.91
4.283	12.32	49.32	0.57	6.63	25.94	1.1	43.9
4.284	12.32	49.34	0.53	6.59	26.09	1.2	43.92
4.29	12.32	49.33	0.5	6.55	25.24	1.66	43.91
4.307	12.32	49.33	0.5	6.53	25.61	1.43	43.91
4.326	12.32	49.33	0.57	6.51	26.34	1.18	43.91
4.333	12.32	49.33	0.57	6.48	25.83	1.3	43.91
4.334	12.32	49.34	0.69	6.45	25.42	1.13	43.92
4.347	12.32	49.34	0.53	6.43	25.58	1.14	43.92
4.37	12.32	49.33	0.57	6.4	25.77	1.18	43.91
4.385	12.32	49.34	0.53	6.38	25.79	1.09	43.92
4.389	12.32	49.35	0.53	6.38	25.58	1.05	43.93
4.402	12.32	49.33	0.57	6.39	25.45	1.42	43.91
4.413	12.32	49.34	0.5	6.46	25.74	1.22	43.92
4.415	12.32	49.34	0.61	6.52	25.44	1.72	43.93
4.423	12.32	49.33	0.69	6.59	25.47	1.28	43.92
4.437	12.32	49.33	0.53	6.66	25.1	1.08	43.92
4.447	12.32	49.34	0.61	6.75	25.17	1.11	43.92
4.45	12.32	49.33	0.76	6.84	24.96	1.28	43.91
4.451	12.32	49.34	0.42	6.92	25.16	1.22	43.92
4.455	12.32	49.34	0.61	6.97	25.2	1.24	43.92
4.463	12.32	49.33	0.38	6.99	25.44	1.21	43.92
4.474	12.32	49.33	0.5	6.99	24.9	1.27	43.92
4.483	12.32	49.34	0.46	6.96	25.06	1.22	43.93
4.487	12.32	49.33	0.46	6.91	25.38	1.07	43.92
4.489	12.32	49.33	0.5	6.85	25.71	1.12	43.92
4.498	12.32	49.34	0.69	6.79	25.25	1.22	43.92
4.511	12.32	49.34	0.88	6.73	25.06	1.31	43.92
4.515	12.32	49.34	0.76	6.63	25.8	1.22	43.92
4.517	12.32	49.35	0.65	6.59	25.35	1.24	43.93
4.536	12.32	49.34	0.5	6.54	24.88	1.16	43.92
4.552	12.32	49.33	0.46	6.5	24.94	1.27	43.91
4.553	12.32	49.34	0.69	6.46	25.64	1.15	43.92
4.565	12.32	49.35	0.99	6.43	25.2	1.15	43.94
4.595	12.32	49.34	0.69	6.42	24.74	1.24	43.92
4.621	12.32	49.33	0.69	6.44	24.85	1.43	43.92
4.623	12.32	49.34	0.46	6.67	24.86	1.12	43.93
4.64	12.32	49.34	0.53	6.79	24.89	1.21	43.93
4.666	12.32	49.34	0.42	6.92	24.9	1.15	43.92
4.688	12.32	49.34	0.57	7.06	25.0	1.32	43.92
4.697	12.32	49.34	0.46	7.18	24.94	1.29	43.93
4.707	12.32	49.35	0.57	7.28	24.62	1.24	43.93

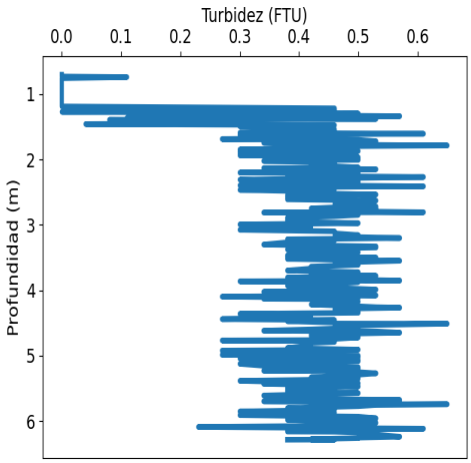
4.726	12.32	49.34	0.46	7.35	24.68	1.16	43.92
4.748	12.32	49.34	0.57	7.39	24.77	1.17	43.92
4.766	12.32	49.34	0.84	7.41	24.55	1.19	43.93
4.776	12.32	49.34	0.42	7.4	24.25	1.08	43.92
4.781	12.32	49.34	0.5	7.38	24.25	1.56	43.92
4.79	12.32	49.34	0.42	7.35	24.54	1.69	43.93
4.808	12.32	49.34	0.53	7.3	24.54	1.25	43.93
4.818	12.32	49.35	0.42	7.14	24.09	1.11	43.93
4.825	12.32	49.35	0.38	7.07	24.43	1.29	43.93
4.85	12.32	49.34	0.42	7.0	23.95	1.34	43.92
4.886	12.32	49.34	0.5	6.93	23.7	1.3	43.92
4.922	12.32	49.35	0.38	6.87	23.77	1.26	43.93
4.943	12.32	49.34	0.42	6.81	23.8	1.38	43.92
4.952	12.32	49.34	0.5	6.78	23.93	1.18	43.93
4.966	12.32	49.35	0.57	6.75	23.8	1.21	43.93
4.978	12.32	49.34	0.34	6.72	23.68	1.21	43.93
4.985	12.32	49.34	0.42	6.71	23.62	1.33	43.92
5.017	12.32	49.36	0.42	6.7	23.48	1.22	43.94
5.051	12.32	49.36	0.42	6.87	23.62	1.09	43.94
5.058	12.33	49.36	0.42	7.0	23.32	1.16	43.93
5.085	12.33	49.37	0.5	7.16	23.17	1.17	43.94
5.125	12.33	49.36	0.5	7.33	22.95	1.29	43.93
5.164	12.33	49.36	0.42	7.5	23.02	1.11	43.92
5.181	12.34	49.36	0.42	7.63	23.12	1.05	43.92
5.186	12.34	49.39	0.34	7.72	23.14	1.12	43.95
5.209	12.34	49.39	0.3	7.77	22.77	1.08	43.96
5.238	12.34	49.37	0.38	7.77	22.82	0.99	43.93
5.256	12.34	49.41	0.53	7.74	23.01	1.11	43.97
5.266	12.34	49.41	0.3	7.68	22.7	1.02	43.97
5.28	12.34	49.42	0.38	7.61	22.53	0.98	43.97
5.302	12.35	49.44	0.42	7.54	22.75	1.09	43.99
5.319	12.35	49.42	0.3	7.49	22.97	1.03	43.97
5.322	12.35	49.44	0.42	7.45	22.79	1.22	43.99
5.329	12.35	49.45	0.38	7.44	22.6	1.24	44.0
5.35	12.35	49.45	0.3	7.45	22.51	1.35	44.0
5.378	12.35	49.45	0.3	7.47	22.46	1.27	44.0
5.389	12.35	49.45	0.46	7.49	22.46	0.98	44.0
5.392	12.35	49.46	0.69	7.51	22.37	0.96	44.0
5.407	12.35	49.46	0.38	7.52	22.21	1.09	44.01
5.43	12.35	49.46	0.3	7.51	22.04	1.14	44.01
5.44	12.35	49.46	0.5	7.49	22.06	1.15	44.01
5.441	12.35	49.46	0.38	7.47	22.04	1.46	44.01
5.442	12.35	49.47	0.53	7.45	22.0	0.97	44.01
5.445	12.35	49.47	1.68	7.44	22.08	1.09	44.01
5.448	12.35	49.47	1.76	7.43	22.4	1.01	44.01
5.451	12.35	49.47	0.92	7.43	22.37	0.92	44.01
5.453	12.35	49.47	0.65	7.44	22.22	0.95	44.01
5.454	12.35	49.47	1.37	7.47	22.28	0.95	44.01
5.455	12.36	49.47	0.57	7.54	22.48	0.92	44.01
5.456	12.36	49.47	0.5	7.57	22.45	0.92	44.01

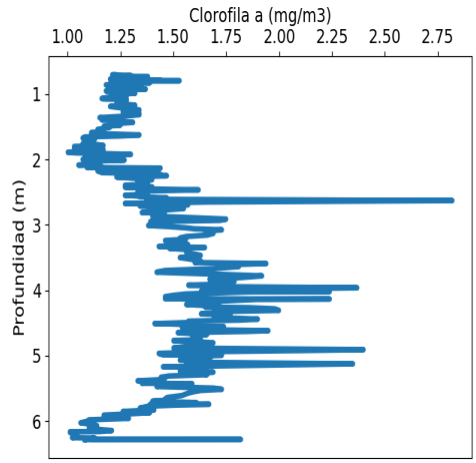
Nombre: CTD E03 - Punto 004 **Fecha: 16/01/2024** **Hora: 08:01:10**

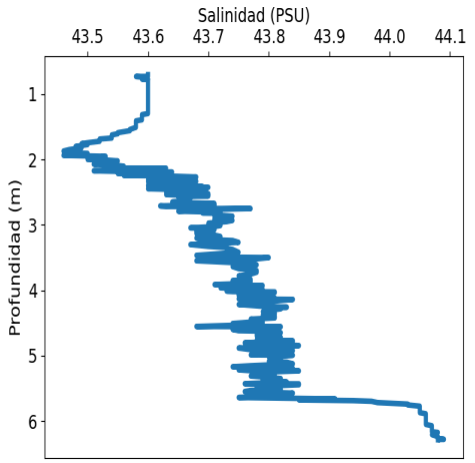


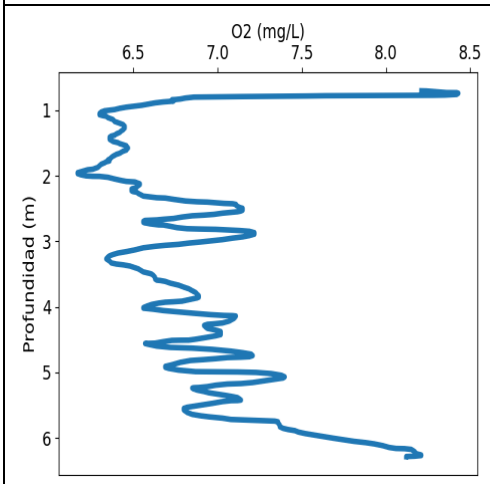


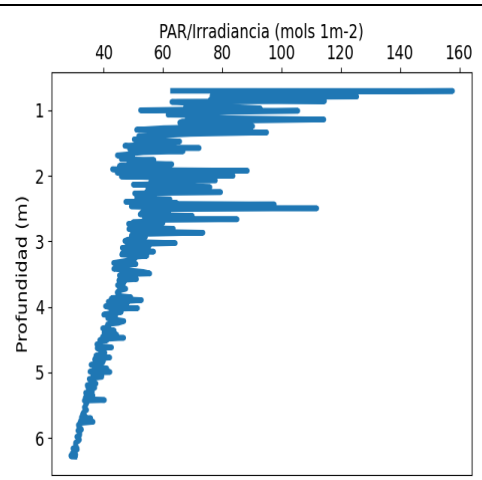


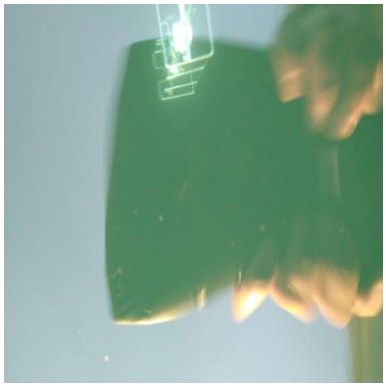












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.01	48.64	0.0	6.17	28.82	1.0	43.46
PROF (metros)	0.702	0.73	0.702	1.952	6.271	1.89	1.871
MÁXIMO	12.59	12.59	0.65	8.43	157.77	2.82	44.09
PROF (metros)	6.284	6.283	1.786	0.739	0.704	2.629	6.281

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.01	48.64	0.11	8.43	82.91	1.38	43.59
1 - 2m	12.08	48.67	0.38	6.36	57.25	1.17	43.54
2 - 3m	12.18	48.9	0.44	6.78	59.17	1.38	43.64
3 - 4m	12.25	49.07	0.45	6.64	47.95	1.65	43.73
4 - 5m	12.28	49.16	0.44	6.89	40.92	1.69	43.79
5 - 6m	12.43	49.42	0.44	7.13	34.46	1.51	43.87
6 - 7m	12.57	49.78	0.46	8.05	30.26	1.14	44.07

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	12.01	48.66	0.0	8.21	63.16	1.22	43.6
0.704	12.02	48.66	0.0	8.24	157.77	1.21	43.6
0.716	12.02	48.67	0.0	8.3	99.75	1.3	43.6
0.721	12.02	48.67	0.0	8.33	96.61	1.27	43.6
0.729	12.02	48.67	0.0	8.36	93.94	1.24	43.6
0.73	12.01	48.64	0.0	8.42	98.13	1.38	43.58
0.739	12.01	48.64	0.11	8.43	82.91	1.38	43.59
0.757	12.01	48.65	0.0	8.42	87.39	1.25	43.59
0.767	12.01	48.65	0.0	8.35	118.12	1.22	43.6
0.77	12.01	48.65	0.0	8.28	84.72	1.2	43.59
0.777	12.01	48.65	0.0	7.64	76.45	1.32	43.6
0.781	12.01	48.65	0.0	7.53	91.56	1.3	43.6
0.787	12.01	48.65	0.0	7.21	119.27	1.44	43.6
0.79	12.01	48.65	0.0	7.14	125.45	1.27	43.6
0.795	12.01	48.66	0.0	6.93	107.48	1.53	43.6
0.798	12.01	48.66	0.0	6.86	91.66	1.31	43.6
0.812	12.01	48.65	0.0	6.81	79.52	1.28	43.6
0.827	12.01	48.66	0.0	6.78	103.64	1.39	43.6
0.835	12.01	48.66	0.0	6.75	106.05	1.2	43.6
0.838	12.01	48.66	0.0	6.73	75.88	1.23	43.6
0.847	12.01	48.66	0.0	6.73	90.48	1.24	43.6
0.859	12.01	48.66	0.0	6.74	114.58	1.18	43.6
0.867	12.01	48.66	0.0	6.7	64.91	1.3	43.6
0.871	12.01	48.66	0.0	6.68	62.92	1.33	43.6
0.886	12.01	48.66	0.0	6.63	67.94	1.35	43.6
0.905	12.01	48.66	0.0	6.59	67.9	1.21	43.6
0.923	12.01	48.66	0.0	6.55	75.2	1.37	43.6
0.938	12.01	48.66	0.0	6.5	67.58	1.27	43.6
0.951	12.01	48.66	0.0	6.46	85.56	1.18	43.6
0.969	12.01	48.65	0.0	6.42	92.88	1.21	43.6
0.988	12.01	48.66	0.0	6.39	69.12	1.32	43.6
0.998	12.01	48.66	0.0	6.36	52.34	1.22	43.6
1.007	12.01	48.66	0.0	6.33	105.58	1.23	43.6
1.026	12.01	48.65	0.0	6.31	81.69	1.28	43.6
1.049	12.01	48.65	0.0	6.3	71.7	1.19	43.6

1.067	12.01	48.66	0.0	6.3	61.63	1.16	43.6
1.074	12.01	48.66	0.0	6.31	73.17	1.17	43.6
1.081	12.01	48.65	0.0	6.32	72.83	1.28	43.6
1.09	12.01	48.65	0.0	6.34	71.53	1.28	43.6
1.111	12.01	48.65	0.0	6.35	68.13	1.26	43.6
1.14	12.01	48.65	0.0	6.38	114.37	1.23	43.6
1.17	12.01	48.65	0.0	6.39	66.51	1.32	43.6
1.188	12.01	48.66	0.0	6.41	65.56	1.2	43.6
1.217	12.01	48.65	0.46	6.44	72.5	1.27	43.6
1.242	12.01	48.65	0.46	6.45	90.35	1.34	43.6
1.271	12.01	48.65	0.0	6.45	60.21	1.26	43.6
1.297	12.01	48.65	0.5	6.44	51.01	1.34	43.6
1.314	12.01	48.65	0.27	6.43	61.83	1.34	43.59
1.337	12.01	48.65	0.57	6.42	95.06	1.27	43.59
1.36	12.02	48.65	0.11	6.4	69.36	1.15	43.59
1.379	12.02	48.66	0.53	6.39	60.58	1.21	43.59
1.393	12.02	48.66	0.08	6.37	51.71	1.16	43.59
1.409	12.02	48.65	0.27	6.36	55.36	1.21	43.58
1.432	12.02	48.65	0.3	6.36	58.9	1.31	43.58
1.443	12.03	48.65	0.3	6.36	50.2	1.26	43.58
1.458	12.03	48.65	0.04	6.37	58.71	1.21	43.58
1.475	12.03	48.66	0.46	6.38	65.74	1.25	43.58
1.494	12.03	48.66	0.3	6.41	62.56	1.17	43.58
1.508	12.03	48.66	0.38	6.42	62.52	1.2	43.58
1.541	12.04	48.66	0.46	6.46	47.06	1.14	43.57
1.559	12.04	48.66	0.42	6.46	49.63	1.15	43.57
1.575	12.04	48.66	0.42	6.47	72.3	1.16	43.56
1.59	12.05	48.66	0.3	6.46	48.68	1.11	43.55
1.606	12.05	48.66	0.61	6.46	51.64	1.17	43.55
1.624	12.06	48.66	0.3	6.44	66.88	1.34	43.54
1.64	12.06	48.66	0.38	6.43	53.44	1.25	43.54
1.655	12.07	48.66	0.3	6.42	49.98	1.08	43.54
1.672	12.07	48.66	0.46	6.4	47.98	1.07	43.54
1.687	12.08	48.66	0.27	6.39	44.52	1.13	43.52
1.7	12.09	48.66	0.5	6.38	49.8	1.11	43.52
1.721	12.1	48.67	0.53	6.37	46.67	1.11	43.52
1.744	12.11	48.67	0.34	6.36	45.84	1.08	43.5
1.758	12.11	48.66	0.38	6.35	57.04	1.07	43.49
1.772	12.12	48.68	0.46	6.36	49.41	1.14	43.5
1.786	12.13	48.68	0.65	6.34	48.98	1.17	43.49
1.801	12.13	48.68	0.42	6.33	48.41	1.03	43.48
1.823	12.13	48.69	0.42	6.31	63.08	1.03	43.49
1.848	12.14	48.68	0.3	6.3	45.24	1.17	43.47
1.871	12.15	48.68	0.5	6.29	53.79	1.08	43.46
1.89	12.15	48.7	0.3	6.27	61.18	1.0	43.48
1.899	12.15	48.69	0.34	6.26	42.88	1.04	43.47
1.907	12.15	48.72	0.34	6.23	44.83	1.14	43.5
1.922	12.16	48.73	0.42	6.21	88.55	1.3	43.5
1.937	12.16	48.69	0.3	6.19	59.05	1.13	43.46
1.943	12.17	48.73	0.42	6.18	53.76	1.18	43.49
1.952	12.16	48.76	0.38	6.17	44.47	1.17	43.53
1.966	12.16	48.75	0.5	6.17	48.94	1.08	43.52
1.984	12.16	48.73	0.38	6.19	68.78	1.12	43.5
2.0	12.16	48.73	0.5	6.22	83.74	1.07	43.5
2.007	12.16	48.76	0.5	6.26	52.0	1.14	43.53
2.008	12.16	48.77	0.46	6.3	45.84	1.27	43.53
2.022	12.16	48.78	0.34	6.35	57.46	1.15	43.55
2.048	12.17	48.77	0.46	6.39	77.07	1.14	43.53

2.071	12.17	48.75	0.46	6.43	77.77	1.11	43.51
2.085	12.18	48.78	0.42	6.46	55.88	1.05	43.53
2.093	12.18	48.8	0.42	6.51	55.75	1.15	43.55
2.103	12.18	48.82	0.46	6.52	56.0	1.16	43.56
2.122	12.19	48.82	0.5	6.54	62.32	1.09	43.55
2.132	12.19	48.82	0.34	6.54	52.8	1.44	43.56
2.133	12.18	48.89	0.38	6.54	49.92	1.22	43.63
2.15	12.19	48.85	0.53	6.53	66.19	1.32	43.59
2.173	12.19	48.77	0.38	6.52	75.94	1.14	43.51
2.186	12.19	48.83	0.5	6.51	54.83	1.15	43.57
2.192	12.17	48.89	0.42	6.5	57.31	1.18	43.64
2.201	12.17	48.83	0.3	6.49	70.79	1.16	43.59
2.215	12.17	48.8	0.5	6.49	60.4	1.37	43.55
2.229	12.18	48.86	0.38	6.49	57.78	1.44	43.61
2.241	12.18	48.88	0.42	6.5	72.06	1.34	43.63
2.245	12.17	48.81	0.46	6.51	54.4	1.27	43.56
2.249	12.18	48.87	0.38	6.52	79.54	1.47	43.62
2.268	12.18	48.94	0.61	6.53	50.35	1.23	43.68
2.309	12.18	48.86	0.3	6.56	57.23	1.4	43.6
2.334	12.17	48.92	0.38	6.64	55.44	1.35	43.68
2.339	12.17	48.84	0.5	6.69	51.05	1.33	43.6
2.359	12.17	48.85	0.38	6.74	62.46	1.38	43.61
2.384	12.17	48.9	0.42	6.81	61.5	1.34	43.65
2.396	12.17	48.84	0.3	6.88	47.37	1.27	43.6
2.401	12.17	48.89	0.5	6.94	52.09	1.34	43.65
2.411	12.17	48.93	0.61	6.99	64.61	1.35	43.69
2.421	12.17	48.85	0.42	7.04	62.18	1.4	43.61
2.423	12.17	48.86	0.46	7.07	49.62	1.27	43.61
2.426	12.17	48.94	0.46	7.09	56.74	1.4	43.7
2.436	12.17	48.87	0.46	7.11	97.63	1.38	43.63
2.448	12.18	48.85	0.46	7.11	63.86	1.34	43.6
2.465	12.18	48.92	0.3	7.12	49.21	1.62	43.67
2.481	12.17	48.91	0.38	7.13	56.3	1.39	43.67
2.496	12.17	48.87	0.42	7.15	111.96	1.33	43.63
2.51	12.17	48.92	0.46	7.15	56.27	1.38	43.68
2.524	12.17	48.94	0.46	7.15	59.85	1.38	43.7
2.537	12.17	48.88	0.53	7.14	62.07	1.34	43.63
2.548	12.18	48.91	0.38	7.12	60.35	1.27	43.66
2.558	12.18	48.95	0.38	7.08	52.81	1.33	43.7
2.57	12.17	48.9	0.38	7.03	57.18	1.34	43.65
2.588	12.18	48.91	0.42	6.98	52.21	1.47	43.66
2.6	12.19	48.93	0.38	6.92	59.51	1.37	43.67
2.61	12.19	48.93	0.38	6.85	69.96	1.42	43.66
2.629	12.19	48.93	0.53	6.79	55.86	2.82	43.66
2.651	12.19	48.9	0.46	6.74	53.62	1.66	43.64
2.663	12.19	48.94	0.5	6.68	85.09	1.43	43.67
2.673	12.19	48.97	0.5	6.64	59.36	1.27	43.71
2.681	12.2	48.97	0.46	6.57	58.34	1.46	43.69
2.694	12.2	48.99	0.46	6.56	56.25	1.57	43.71
2.71	12.2	48.91	0.5	6.56	49.8	1.34	43.62
2.719	12.21	48.92	0.53	6.57	60.07	1.38	43.63
2.722	12.2	48.98	0.5	6.58	52.58	1.49	43.7
2.733	12.2	48.98	0.46	6.6	48.3	1.46	43.71
2.749	12.2	48.94	0.42	6.65	55.47	1.55	43.66
2.751	12.19	49.03	0.53	6.68	52.74	1.55	43.77
2.77	12.19	48.95	0.46	6.72	50.43	1.47	43.68
2.791	12.21	48.93	0.46	6.76	50.76	1.38	43.65
2.807	12.2	48.99	0.61	6.82	63.58	1.39	43.72

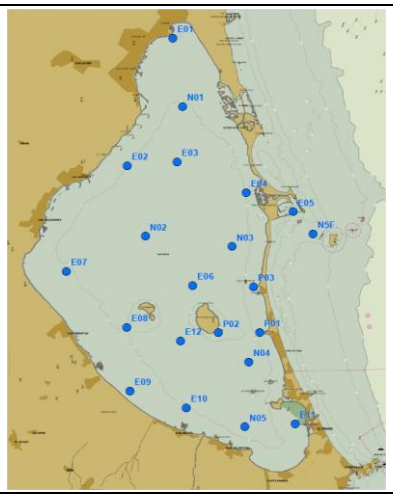
2.812	12.19	48.98	0.34	6.89	48.4	1.35	43.72
2.817	12.19	48.95	0.5	6.99	52.38	1.46	43.69
2.826	12.19	48.98	0.5	7.06	54.3	1.45	43.72
2.835	12.19	48.97	0.42	7.13	49.7	1.4	43.71
2.847	12.19	48.97	0.5	7.19	49.52	1.43	43.71
2.868	12.18	49.0	0.46	7.22	73.58	1.4	43.74
2.89	12.19	48.97	0.38	7.22	51.28	1.59	43.71
2.912	12.19	48.97	0.38	7.19	49.24	1.75	43.71
2.932	12.19	49.0	0.38	7.15	54.2	1.72	43.74
2.951	12.19	49.0	0.38	7.09	52.18	1.39	43.73
2.974	12.2	48.98	0.5	7.03	48.08	1.45	43.7
2.994	12.2	48.98	0.3	6.96	47.04	1.45	43.7
3.01	12.21	49.01	0.42	6.9	51.28	1.38	43.72
3.027	12.21	49.0	0.38	6.83	64.24	1.48	43.71
3.046	12.22	48.97	0.42	6.77	47.85	1.56	43.67
3.061	12.22	49.01	0.38	6.69	49.54	1.6	43.7
3.076	12.22	49.02	0.3	6.63	55.36	1.73	43.71
3.099	12.22	48.99	0.46	6.56	46.17	1.65	43.68
3.131	12.22	48.98	0.46	6.51	49.41	1.69	43.68
3.157	12.23	49.02	0.5	6.46	56.93	1.66	43.71
3.179	12.23	49.03	0.46	6.41	46.26	1.56	43.72
3.202	12.23	48.99	0.57	6.38	45.98	1.53	43.68
3.221	12.23	49.01	0.38	6.36	54.64	1.56	43.69
3.24	12.24	49.06	0.46	6.35	49.99	1.46	43.74
3.268	12.24	49.07	0.38	6.34	50.56	1.47	43.75
3.302	12.24	49.0	0.34	6.36	47.04	1.57	43.67
3.33	12.25	49.04	0.53	6.37	43.27	1.43	43.7
3.347	12.25	49.06	0.53	6.4	50.98	1.65	43.73
3.359	12.25	49.07	0.46	6.44	48.68	1.48	43.73
3.377	12.25	49.08	0.38	6.48	45.86	1.56	43.74
3.42	12.25	49.09	0.5	6.53	43.32	1.56	43.75
3.467	12.25	49.02	0.38	6.56	53.43	1.63	43.68
3.492	12.25	49.04	0.38	6.6	55.64	1.56	43.71
3.501	12.24	49.13	0.53	6.61	48.44	1.53	43.8
3.521	12.24	49.1	0.38	6.62	45.2	1.57	43.78
3.55	12.25	49.01	0.57	6.63	49.54	1.63	43.68
3.577	12.25	49.07	0.46	6.63	51.18	1.6	43.74
3.593	12.23	49.09	0.5	6.64	45.05	1.94	43.77
3.598	12.23	49.07	0.5	6.66	45.01	1.88	43.76
3.612	12.23	49.09	0.5	6.69	47.09	1.75	43.78
3.639	12.23	49.05	0.42	6.72	46.8	1.81	43.74
3.67	12.24	49.07	0.42	6.77	44.57	1.69	43.75
3.699	12.24	49.11	0.38	6.8	46.42	1.46	43.78
3.725	12.24	49.1	0.5	6.83	47.54	1.42	43.78
3.754	12.25	49.1	0.42	6.85	45.01	1.69	43.77
3.781	12.25	49.09	0.53	6.87	44.46	1.92	43.75
3.807	12.25	49.1	0.38	6.88	45.3	1.82	43.76
3.833	12.26	49.12	0.46	6.89	44.79	1.67	43.77
3.853	12.26	49.09	0.57	6.89	49.23	1.75	43.74
3.864	12.27	49.11	0.3	6.88	43.02	1.79	43.75
3.875	12.27	49.13	0.5	6.86	42.46	1.68	43.77
3.897	12.28	49.13	0.46	6.82	52.82	1.75	43.76
3.914	12.28	49.08	0.46	6.79	47.68	1.66	43.71
3.923	12.28	49.11	0.42	6.74	41.44	1.57	43.74
3.93	12.28	49.16	0.38	6.69	42.32	1.63	43.79
3.944	12.28	49.09	0.42	6.65	48.02	1.67	43.72
3.964	12.28	49.09	0.46	6.61	45.36	2.37	43.72
3.991	12.27	49.15	0.53	6.58	40.52	1.66	43.79

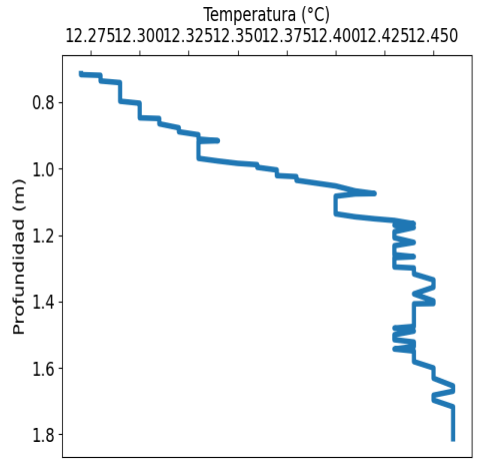
4.013	12.27	49.08	0.46	6.56	42.32	1.63	43.73
4.021	12.27	49.09	0.42	6.56	51.5	2.24	43.74
4.026	12.26	49.15	0.34	6.58	47.9	1.86	43.81
4.037	12.25	49.15	0.5	6.62	42.44	1.75	43.81
4.058	12.26	49.09	0.42	6.68	43.03	1.56	43.75
4.079	12.26	49.1	0.53	6.77	46.01	1.5	43.75
4.099	12.26	49.14	0.27	6.86	42.18	1.46	43.8
4.12	12.26	49.15	0.5	6.96	39.91	1.46	43.81
4.132	12.26	49.1	0.34	7.04	43.67	1.46	43.75
4.135	12.26	49.12	0.42	7.09	44.16	2.24	43.77
4.141	12.25	49.18	0.46	7.11	41.84	1.89	43.84
4.175	12.25	49.14	0.5	7.1	41.29	1.68	43.8
4.218	12.26	49.1	0.42	7.07	46.9	1.56	43.75
4.247	12.26	49.14	0.5	7.03	44.88	1.72	43.79
4.26	12.25	49.16	0.53	6.98	42.09	1.65	43.83
4.268	12.24	49.14	0.57	6.94	41.23	1.86	43.81
4.285	12.24	49.15	0.46	6.92	41.88	1.98	43.82
4.309	12.25	49.13	0.46	6.93	41.72	2.0	43.8
4.329	12.25	49.13	0.5	6.94	39.56	1.69	43.79
4.345	12.26	49.15	0.5	6.97	41.3	1.71	43.81
4.362	12.26	49.15	0.3	7.0	43.62	1.63	43.81
4.379	12.26	49.13	0.42	7.02	40.58	1.77	43.79
4.399	12.26	49.16	0.42	7.02	40.02	1.69	43.81
4.424	12.26	49.16	0.38	7.02	44.46	1.75	43.81
4.443	12.27	49.13	0.27	6.99	41.9	1.9	43.77
4.457	12.28	49.15	0.46	6.96	39.53	1.82	43.78
4.474	12.29	49.17	0.38	6.92	46.84	1.57	43.79
4.495	12.3	49.16	0.46	6.87	39.31	1.57	43.76
4.509	12.3	49.14	0.46	6.83	38.56	1.44	43.74
4.51	12.31	49.15	0.46	6.78	41.14	1.41	43.74
4.513	12.31	49.2	0.65	6.73	39.66	1.46	43.79
4.532	12.32	49.18	0.53	6.68	38.89	1.61	43.76
4.555	12.33	49.11	0.46	6.63	38.56	1.56	43.68
4.56	12.3	49.21	0.5	6.57	38.58	1.74	43.82
4.573	12.3	49.17	0.5	6.59	37.59	1.54	43.77
4.6	12.31	49.15	0.42	6.64	39.03	1.55	43.74
4.62	12.31	49.15	0.34	6.72	42.76	1.95	43.75
4.631	12.3	49.2	0.53	6.85	37.69	1.85	43.81
4.65	12.29	49.21	0.57	6.97	38.63	1.52	43.82
4.677	12.29	49.16	0.42	7.08	39.26	1.66	43.78
4.701	12.29	49.16	0.42	7.15	40.51	1.59	43.78
4.723	12.29	49.2	0.5	7.2	39.14	1.59	43.82
4.745	12.29	49.2	0.46	7.21	37.28	1.63	43.82
4.762	12.29	49.16	0.46	7.19	40.24	1.59	43.78
4.769	12.29	49.18	0.27	7.14	40.27	1.5	43.8
4.775	12.29	49.23	0.38	7.06	42.15	1.5	43.84
4.792	12.29	49.18	0.46	6.99	36.96	1.63	43.79
4.806	12.3	49.16	0.42	6.92	36.83	1.69	43.76
4.82	12.31	49.22	0.42	6.84	40.07	1.68	43.81
4.848	12.31	49.25	0.42	6.78	39.78	1.61	43.85
4.885	12.32	49.16	0.38	6.73	35.63	1.5	43.75
4.91	12.33	49.19	0.5	6.69	37.08	2.4	43.77
4.924	12.31	49.24	0.27	6.69	37.96	2.1	43.84
4.94	12.31	49.23	0.46	6.71	41.14	1.69	43.83
4.967	12.31	49.2	0.3	6.77	37.61	1.43	43.79
4.99	12.32	49.19	0.27	6.87	35.28	1.45	43.77
4.995	12.31	49.25	0.42	7.12	42.21	1.73	43.84
5.002	12.31	49.23	0.5	7.23	36.66	1.6	43.83

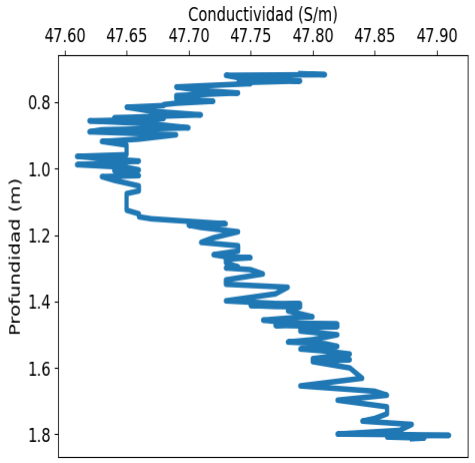
5.02	12.31	49.2	0.5	7.32	36.13	1.68	43.8
5.046	12.31	49.22	0.3	7.38	39.48	1.62	43.82
5.07	12.31	49.23	0.5	7.4	39.44	1.53	43.82
5.087	12.32	49.21	0.5	7.39	36.59	1.65	43.8
5.102	12.32	49.25	0.42	7.35	35.02	1.56	43.83
5.127	12.32	49.26	0.3	7.28	36.01	2.35	43.84
5.156	12.34	49.21	0.34	7.21	36.67	1.75	43.77
5.172	12.35	49.2	0.46	7.14	37.51	1.45	43.74
5.179	12.35	49.26	0.5	7.06	35.89	1.66	43.81
5.197	12.34	49.29	0.5	6.99	34.33	1.56	43.84
5.219	12.35	49.21	0.46	6.94	34.47	1.65	43.75
5.232	12.36	49.24	0.34	6.89	37.0	1.56	43.77
5.235	12.34	49.29	0.46	6.86	37.1	1.53	43.85
5.241	12.34	49.27	0.5	6.85	34.92	1.61	43.83
5.254	12.35	49.24	0.5	6.86	34.75	1.69	43.79
5.272	12.35	49.25	0.53	6.88	35.86	1.63	43.79
5.293	12.36	49.27	0.5	6.92	36.3	1.66	43.81
5.313	12.36	49.24	0.46	6.95	33.81	1.48	43.77
5.333	12.36	49.27	0.42	7.0	33.96	1.44	43.8
5.353	12.36	49.29	0.5	7.05	36.47	1.46	43.82
5.371	12.37	49.26	0.42	7.09	35.28	1.43	43.79
5.387	12.36	49.26	0.3	7.12	33.68	1.33	43.79
5.406	12.37	49.3	0.38	7.13	33.72	1.44	43.83
5.424	12.37	49.26	0.5	7.14	40.34	1.35	43.78
5.431	12.38	49.25	0.38	7.12	35.38	1.59	43.76
5.433	12.38	49.33	0.34	7.08	33.36	1.59	43.85
5.447	12.38	49.34	0.42	7.03	34.51	1.46	43.85
5.474	12.4	49.29	0.5	6.97	34.38	1.42	43.78
5.498	12.42	49.32	0.38	6.91	33.82	1.69	43.78
5.517	12.44	49.38	0.46	6.86	33.98	1.73	43.82
5.534	12.46	49.35	0.38	6.82	33.38	1.63	43.77
5.551	12.48	49.36	0.38	6.8	33.59	1.6	43.76
5.575	12.49	49.45	0.5	6.8	34.34	1.57	43.84
5.612	12.5	49.45	0.34	6.82	33.11	1.54	43.82
5.642	12.51	49.39	0.42	6.85	32.76	1.47	43.75
5.664	12.52	49.57	0.42	6.9	33.76	1.46	43.91
5.68	12.53	49.51	0.57	6.95	32.48	1.5	43.85
5.69	12.53	49.61	0.5	6.99	32.38	1.43	43.94
5.7	12.54	49.64	0.34	7.03	35.72	1.4	43.97
5.72	12.54	49.66	0.5	7.08	33.07	1.61	43.98
5.743	12.55	49.73	0.42	7.31	32.07	1.39	44.03
5.745	12.55	49.73	0.65	7.34	33.37	1.67	44.03
5.756	12.55	49.73	0.53	7.36	36.52	1.53	44.03
5.775	12.55	49.74	0.5	7.36	31.96	1.38	44.05
5.805	12.55	49.74	0.38	7.37	31.36	1.34	44.05
5.832	12.55	49.74	0.46	7.37	31.55	1.41	44.05
5.856	12.56	49.75	0.3	7.39	32.32	1.26	44.05
5.874	12.56	49.75	0.46	7.42	32.61	1.39	44.05
5.891	12.56	49.75	0.38	7.46	31.2	1.3	44.06
5.912	12.56	49.75	0.3	7.48	31.66	1.17	44.06
5.935	12.56	49.75	0.5	7.52	32.05	1.17	44.06
5.961	12.56	49.76	0.53	7.58	32.0	1.29	44.06
5.984	12.56	49.76	0.38	7.63	30.83	1.1	44.06
6.007	12.56	49.76	0.46	7.69	31.64	1.09	44.06
6.03	12.56	49.76	0.53	7.75	31.92	1.06	44.06
6.054	12.56	49.76	0.42	7.81	31.39	1.12	44.06
6.074	12.56	49.77	0.46	7.88	30.43	1.14	44.07
6.093	12.56	49.77	0.23	7.93	30.4	1.1	44.07

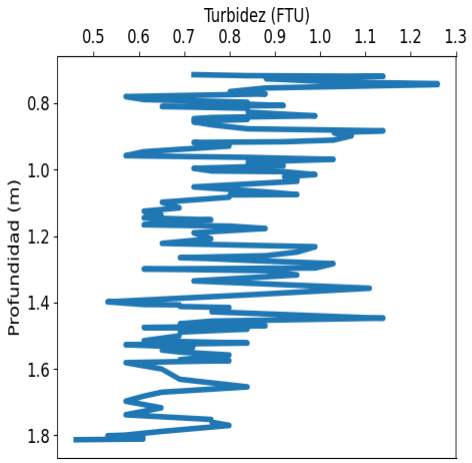
6.119	12.56	49.77	0.61	7.98	30.45	1.1	44.07
6.148	12.56	49.77	0.38	8.02	31.02	1.21	44.07
6.163	12.56	49.77	0.38	8.06	29.52	1.15	44.07
6.166	12.56	49.78	0.46	8.11	30.11	1.01	44.07
6.177	12.56	49.78	0.5	8.15	31.19	1.01	44.08
6.21	12.56	49.78	0.53	8.17	29.76	1.04	44.07
6.242	12.56	49.78	0.57	8.18	29.23	1.05	44.08
6.256	12.57	49.78	0.5	8.2	30.69	1.02	44.08
6.263	12.57	49.79	0.5	8.21	29.78	1.13	44.08
6.271	12.57	49.79	0.46	8.21	28.82	1.11	44.08
6.281	12.57	49.8	0.42	8.17	30.58	1.11	44.09
6.283	12.58	49.81	0.46	8.15	28.93	1.82	44.09
6.284	12.59	49.81	0.42	8.13	29.14	1.4	44.08
6.286	12.59	49.81	0.46	8.12	29.71	1.08	44.08
6.288	12.59	49.81	0.38	8.12	30.4	1.08	44.08

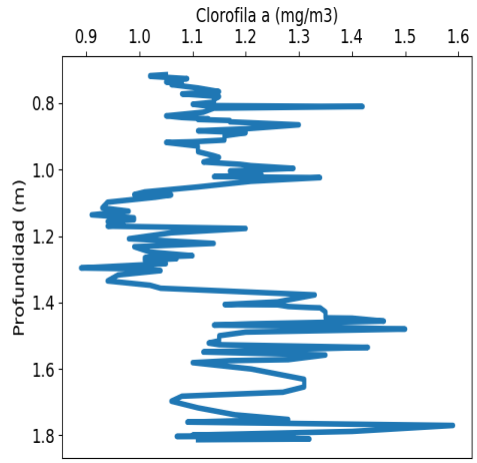
Nombre: CTD E01 - Punto 005 **Fecha: 16/01/2024** **Hora: 09:01:31**

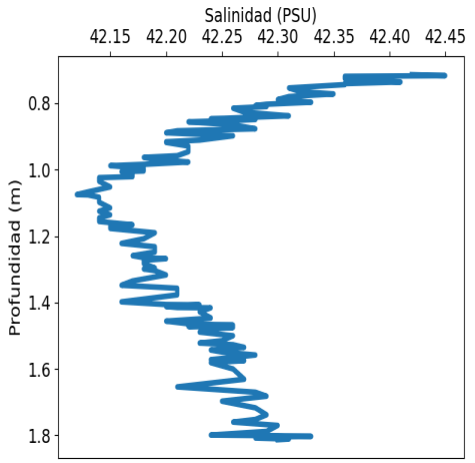


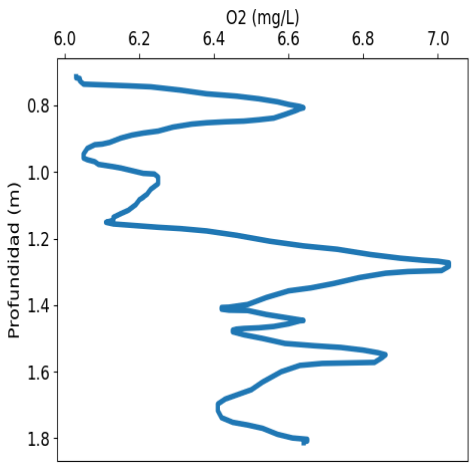


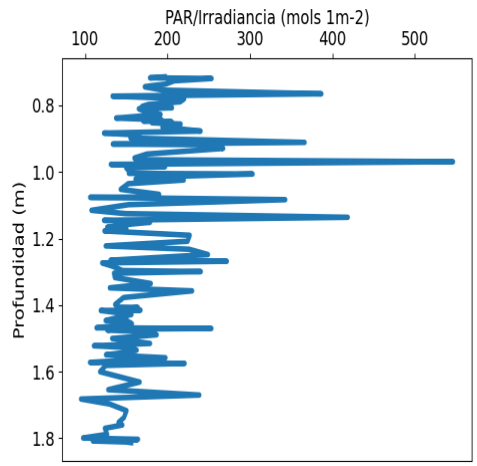












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.27	47.61	0.46	6.03	94.88	0.89	42.12
PROF (metros)	0.714	0.963	1.813	0.714	1.682	1.296	1.075
MÁXIMO	12.46	12.46	1.26	7.03	546.47	1.59	42.45
PROF (metros)	1.654	1.803	0.741	1.273	0.969	1.77	0.717

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.31	47.68	0.86	6.28	202.01	1.13	42.27
1 - 2m	12.43	47.76	0.75	6.53	162.31	1.16	42.21

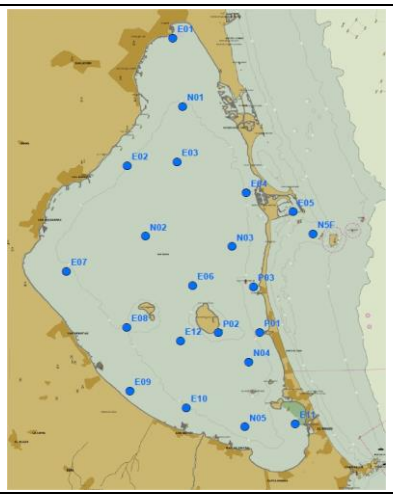
OBSERVACIONES GENERALES

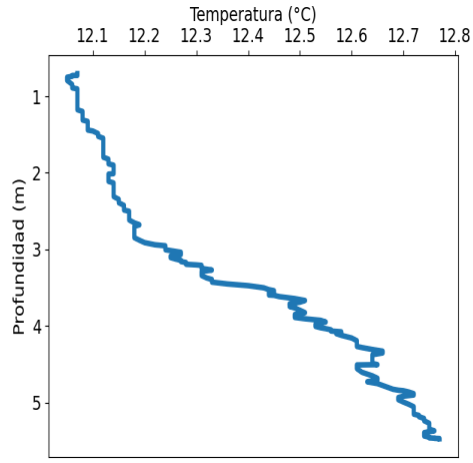
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.714	12.27	47.79	0.72	6.03	196.68	1.05	42.42
0.717	12.27	47.81	0.84	6.03	178.6	1.02	42.45
0.719	12.28	47.73	1.14	6.04	253.5	1.02	42.36
0.726	12.28	47.74	0.88	6.04	207.98	1.09	42.36
0.736	12.28	47.79	1.03	6.05	197.46	1.05	42.41
0.741	12.29	47.74	1.26	6.17	179.56	1.08	42.36
0.744	12.29	47.75	1.26	6.23	172.22	1.06	42.36
0.754	12.29	47.69	0.88	6.31	194.37	1.11	42.31
0.765	12.29	47.71	0.8	6.38	386.71	1.15	42.32
0.772	12.29	47.74	0.88	6.46	133.18	1.08	42.35
0.78	12.29	47.69	0.57	6.52	220.23	1.15	42.31
0.789	12.29	47.69	0.61	6.57	215.39	1.14	42.3
0.797	12.29	47.72	0.84	6.6	176.58	1.14	42.33
0.803	12.3	47.69	0.84	6.63	168.98	1.1	42.29
0.807	12.3	47.68	0.92	6.64	205.44	1.12	42.28
0.81	12.3	47.68	0.65	6.63	164.99	1.42	42.29
0.815	12.3	47.65	0.84	6.62	170.08	1.14	42.26
0.827	12.3	47.67	0.84	6.59	191.6	1.12	42.27
0.838	12.3	47.71	0.99	6.56	137.42	1.05	42.31
0.843	12.3	47.67	0.76	6.52	192.75	1.08	42.27
0.847	12.3	47.64	0.72	6.48	170.59	1.13	42.24
0.849	12.31	47.68	0.84	6.43	205.01	1.11	42.28
0.852	12.31	47.67	0.76	6.38	181.02	1.17	42.26
0.856	12.31	47.62	0.72	6.34	215.94	1.17	42.22
0.865	12.31	47.67	0.76	6.29	193.65	1.3	42.26
0.877	12.32	47.7	0.84	6.25	240.17	1.2	42.28
0.883	12.32	47.63	1.14	6.21	122.75	1.11	42.21
0.889	12.32	47.62	1.03	6.18	165.64	1.2	42.2
0.898	12.33	47.69	1.07	6.15	154.87	1.16	42.26
0.911	12.33	47.66	1.03	6.12	366.38	1.16	42.23
0.916	12.34	47.64	0.92	6.1	133.43	1.1	42.2
0.918	12.33	47.63	0.72	6.08	248.38	1.05	42.2
0.929	12.33	47.65	0.8	6.06	267.57	1.11	42.22
0.946	12.33	47.65	0.61	6.05	174.91	1.11	42.22
0.958	12.33	47.65	0.57	6.05	159.69	1.14	42.21
0.963	12.33	47.61	0.84	6.06	161.29	1.15	42.18
0.969	12.33	47.63	1.03	6.08	546.47	1.14	42.19
0.977	12.34	47.66	0.84	6.09	131.01	1.12	42.22
0.984	12.35	47.63	0.84	6.13	197.14	1.19	42.18
0.988	12.36	47.61	0.92	6.15	149.76	1.21	42.15

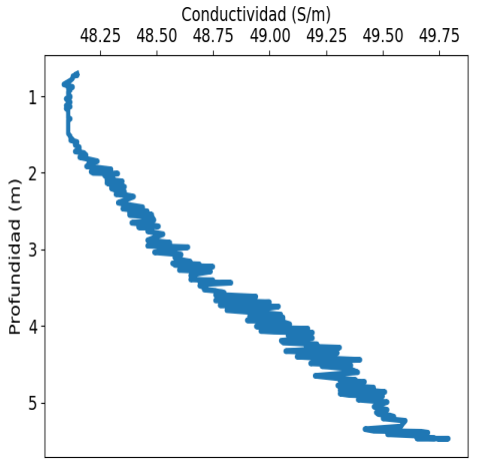
0.996	12.36	47.65	0.72	6.18	153.2	1.29	42.18
1.004	12.37	47.66	0.76	6.21	152.91	1.17	42.18
1.006	12.37	47.64	0.92	6.24	303.31	1.22	42.16
1.015	12.37	47.65	0.99	6.25	179.93	1.23	42.17
1.021	12.37	47.66	0.92	6.25	161.06	1.14	42.17
1.024	12.38	47.63	0.95	6.25	219.77	1.34	42.14
1.035	12.38	47.64	0.95	6.25	152.24	1.21	42.14
1.052	12.4	47.66	0.72	6.23	143.07	1.11	42.15
1.067	12.41	47.66	0.88	6.22	189.78	1.01	42.13
1.075	12.42	47.65	0.95	6.21	184.45	0.99	42.12
1.076	12.41	47.65	0.8	6.21	105.95	1.06	42.13
1.083	12.4	47.65	0.8	6.2	342.88	1.03	42.14
1.098	12.4	47.65	0.65	6.19	152.81	0.94	42.14
1.115	12.4	47.65	0.69	6.17	107.56	0.93	42.15
1.125	12.4	47.65	0.61	6.15	149.13	0.98	42.14
1.136	12.4	47.66	0.65	6.13	418.7	0.91	42.15
1.145	12.41	47.66	0.61	6.13	122.75	0.99	42.14
1.151	12.42	47.67	0.76	6.11	178.81	0.99	42.14
1.156	12.43	47.69	0.65	6.13	157.08	0.94	42.14
1.166	12.44	47.73	0.61	6.25	126.62	0.97	42.17
1.17	12.43	47.7	0.8	6.31	150.1	0.94	42.15
1.177	12.44	47.71	0.88	6.38	123.32	1.2	42.15
1.19	12.43	47.74	0.72	6.46	226.92	1.06	42.19
1.208	12.43	47.72	0.76	6.55	224.3	0.98	42.18
1.222	12.44	47.71	0.65	6.64	124.84	1.14	42.16
1.232	12.43	47.74	0.99	6.73	226.13	0.99	42.19
1.248	12.43	47.74	0.95	6.82	249.13	1.02	42.19
1.259	12.43	47.72	0.88	6.9	171.82	1.1	42.17
1.265	12.44	47.73	0.69	6.96	130.65	1.01	42.18
1.268	12.43	47.75	0.76	7.0	271.94	1.07	42.2
1.273	12.43	47.73	0.84	7.03	120.55	1.01	42.18
1.283	12.43	47.73	1.03	7.03	133.31	1.05	42.18
1.296	12.43	47.74	0.99	7.01	145.31	0.89	42.19
1.299	12.44	47.73	0.61	6.92	240.4	1.01	42.18
1.304	12.44	47.75	0.88	6.86	134.92	1.04	42.19
1.317	12.44	47.76	0.95	6.79	135.99	0.96	42.2
1.335	12.45	47.73	0.72	6.72	179.76	0.94	42.17
1.348	12.45	47.73	0.95	6.66	129.86	1.02	42.16
1.357	12.45	47.78	1.11	6.6	229.88	1.04	42.21
1.377	12.44	47.77	0.84	6.54	146.63	1.33	42.21
1.398	12.45	47.73	0.53	6.49	136.28	1.26	42.16
1.406	12.45	47.77	0.61	6.44	139.79	1.16	42.2
1.407	12.44	47.79	0.69	6.42	164.08	1.26	42.23
1.412	12.44	47.75	0.69	6.42	142.31	1.28	42.2
1.415	12.44	47.77	0.8	6.44	167.26	1.32	42.21
1.416	12.44	47.79	0.76	6.49	118.8	1.34	42.24
1.428	12.44	47.78	0.76	6.54	156.28	1.35	42.23
1.446	12.44	47.8	1.11	6.64	124.76	1.35	42.24
1.447	12.44	47.79	1.14	6.63	150.8	1.4	42.24
1.456	12.44	47.76	0.76	6.6	156.86	1.46	42.2
1.464	12.44	47.78	0.69	6.56	128.16	1.21	42.22
1.468	12.44	47.82	0.8	6.52	113.68	1.14	42.26
1.47	12.44	47.78	0.88	6.48	253.27	1.25	42.23
1.472	12.44	47.77	0.8	6.46	135.36	1.37	42.22
1.475	12.44	47.82	0.61	6.45	126.86	1.37	42.26
1.48	12.43	47.79	0.84	6.45	179.31	1.5	42.24
1.489	12.44	47.79	0.69	6.48	186.9	1.2	42.23
1.5	12.43	47.82	0.69	6.53	132.63	1.15	42.26

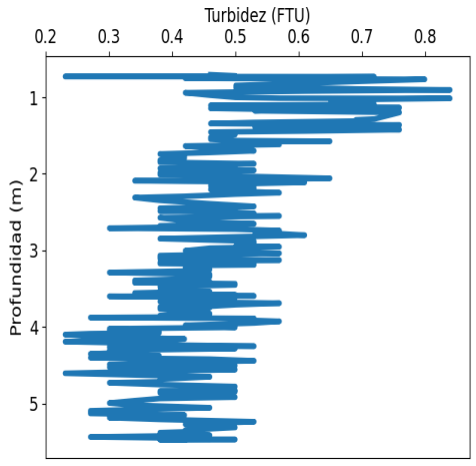
1.515	12.43	47.8	0.61	6.59	178.85	1.15	42.25
1.522	12.44	47.78	0.84	6.67	110.46	1.13	42.23
1.527	12.44	47.81	0.57	6.74	150.24	1.15	42.26
1.535	12.44	47.82	0.72	6.8	162.64	1.43	42.27
1.543	12.43	47.79	0.65	6.84	146.16	1.24	42.24
1.549	12.44	47.81	0.69	6.86	125.19	1.12	42.25
1.558	12.44	47.83	0.8	6.85	197.55	1.35	42.28
1.572	12.44	47.8	0.69	6.83	105.75	1.28	42.24
1.575	12.44	47.83	0.8	6.69	220.79	1.17	42.27
1.581	12.44	47.8	0.57	6.63	125.05	1.1	42.24
1.6	12.45	47.83	0.65	6.58	118.01	1.21	42.26
1.631	12.45	47.84	0.69	6.53	166.22	1.31	42.27
1.654	12.46	47.79	0.84	6.5	127.92	1.31	42.21
1.67	12.46	47.85	0.65	6.46	238.57	1.27	42.28
1.682	12.45	47.86	0.61	6.43	94.88	1.08	42.29
1.697	12.45	47.82	0.57	6.41	129.71	1.06	42.25
1.717	12.46	47.86	0.65	6.41	150.24	1.11	42.28
1.738	12.46	47.86	0.57	6.42	147.0	1.18	42.29
1.752	12.46	47.85	0.76	6.45	140.48	1.28	42.28
1.76	12.46	47.84	0.76	6.49	145.18	1.09	42.26
1.77	12.46	47.88	0.8	6.53	123.84	1.59	42.3
1.788	12.46	47.87	0.65	6.57	126.74	1.4	42.29
1.799	12.46	47.82	0.57	6.61	97.38	1.1	42.24
1.801	12.46	47.88	0.53	6.63	130.04	1.18	42.3
1.803	12.46	47.91	0.61	6.65	164.23	1.07	42.33
1.805	12.46	47.86	0.57	6.65	162.64	1.29	42.28
1.808	12.46	47.86	0.61	6.65	109.27	1.27	42.28
1.811	12.46	47.89	0.61	6.64	149.9	1.32	42.31
1.813	12.46	47.88	0.46	6.64	155.96	1.11	42.3

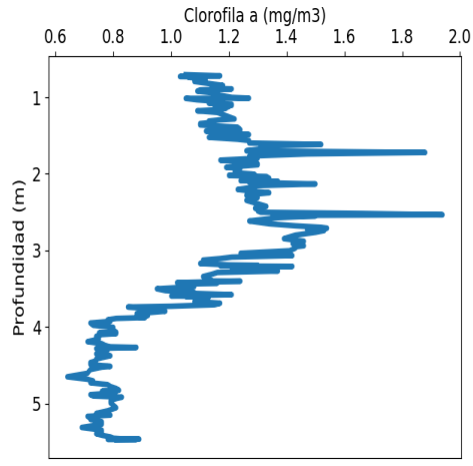
Nombre: CTD N01 - Punto 006 **Fecha: 16/01/2024** **Hora: 09:01:16**

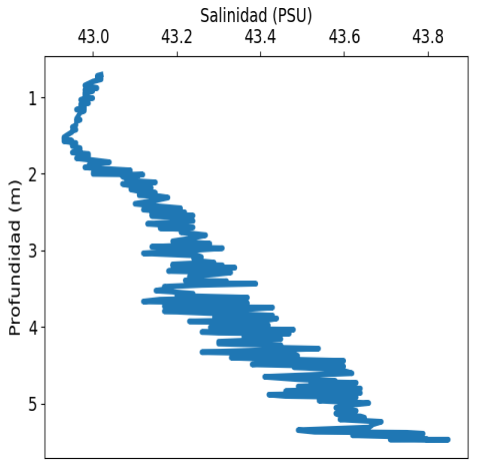


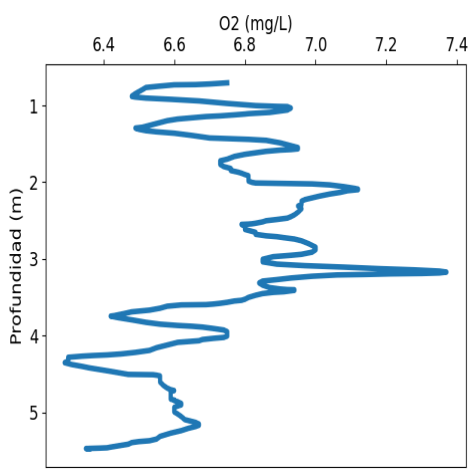


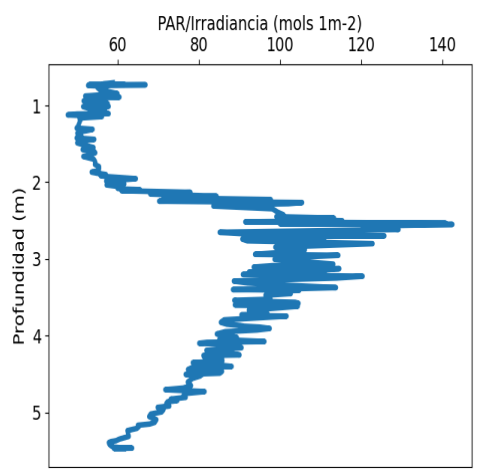


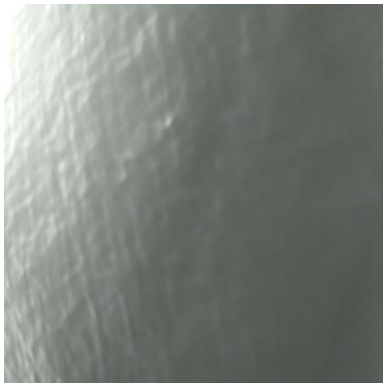












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.05	48.09	0.23	6.29	47.62	0.64	42.93
PROF (metros)	0.752	0.846	0.729	4.354	1.123	4.653	1.524
MÁXIMO	12.77	12.77	0.84	7.37	142.41	1.94	43.85
PROF (metros)	5.472	5.474	0.904	3.173	2.551	2.536	5.474

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.06	48.13	0.56	6.59	56.66	1.11	43.0
1 - 2m	12.1	48.14	0.55	6.77	53.5	1.23	42.97
2 - 3m	12.16	48.39	0.47	6.94	92.76	1.37	43.16
3 - 4m	12.39	48.77	0.43	6.82	97.64	1.08	43.26
4 - 5m	12.63	49.25	0.38	6.53	80.5	0.77	43.47
5 - 6m	12.74	49.6	0.4	6.52	62.47	0.78	43.68

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	12.07	48.15	0.46	6.75	58.77	1.05	43.02
0.72	12.07	48.14	0.5	6.7	56.36	1.17	43.01
0.728	12.07	48.15	0.5	6.66	61.63	1.11	43.02
0.729	12.06	48.14	0.23	6.63	52.88	1.03	43.02
0.731	12.06	48.14	0.72	6.6	66.83	1.07	43.02
0.739	12.06	48.13	0.57	6.58	52.62	1.06	43.01
0.752	12.05	48.13	0.42	6.55	57.31	1.09	43.02
0.766	12.05	48.13	0.8	6.52	54.95	1.12	43.02
0.794	12.05	48.12	0.69	6.51	55.51	1.08	43.0
0.846	12.06	48.09	0.5	6.49	59.91	1.18	42.98
0.878	12.06	48.13	0.5	6.48	51.91	1.14	43.01
0.883	12.06	48.13	0.65	6.48	57.0	1.14	43.01
0.891	12.06	48.11	0.69	6.49	60.41	1.21	42.99
0.904	12.07	48.11	0.84	6.52	54.02	1.1	42.98
0.92	12.07	48.12	0.61	6.59	54.11	1.09	43.0
0.941	12.07	48.11	0.42	6.67	51.53	1.14	42.98
0.974	12.07	48.11	0.46	6.75	57.49	1.17	42.98
1.002	12.07	48.12	0.5	6.83	53.27	1.21	42.99
1.012	12.07	48.12	0.57	6.89	57.75	1.27	43.0
1.015	12.07	48.11	0.84	6.92	51.4	1.05	42.98
1.034	12.07	48.1	0.65	6.93	52.59	1.09	42.97
1.06	12.07	48.11	0.69	6.92	56.85	1.18	42.98
1.078	12.07	48.12	0.65	6.89	55.78	1.13	42.99
1.091	12.07	48.11	0.72	6.87	53.08	1.21	42.97
1.107	12.07	48.11	0.46	6.81	57.75	1.21	42.98
1.112	12.07	48.11	0.72	6.8	49.91	1.18	42.97
1.123	12.07	48.1	0.53	6.77	47.62	1.2	42.97
1.136	12.07	48.12	0.76	6.73	53.06	1.15	42.98
1.145	12.07	48.11	0.46	6.69	56.09	1.19	42.98
1.161	12.07	48.1	0.57	6.65	51.42	1.17	42.96
1.177	12.07	48.11	0.53	6.61	50.54	1.09	42.98
1.199	12.08	48.11	0.76	6.58	50.7	1.16	42.97
1.284	12.08	48.11	0.72	6.51	50.08	1.22	42.96
1.295	12.08	48.12	0.69	6.49	49.8	1.17	42.97
1.311	12.08	48.11	0.69	6.5	53.79	1.13	42.96
1.329	12.09	48.11	0.53	6.52	52.31	1.14	42.96

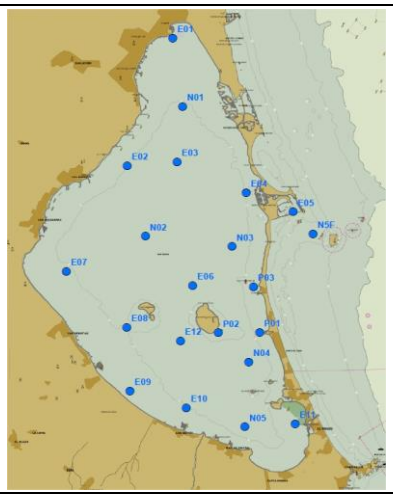
1.344	12.09	48.11	0.46	6.55	50.7	1.1	42.96
1.362	12.09	48.11	0.76	6.6	49.98	1.1	42.96
1.391	12.09	48.11	0.53	6.65	50.99	1.23	42.95
1.424	12.09	48.11	0.76	6.7	49.8	1.24	42.96
1.442	12.09	48.11	0.61	6.81	54.2	1.12	42.95
1.455	12.1	48.11	0.46	6.86	52.29	1.15	42.95
1.488	12.11	48.11	0.5	6.9	49.95	1.27	42.94
1.524	12.11	48.12	0.46	6.93	52.23	1.13	42.93
1.549	12.12	48.12	0.46	6.95	54.01	1.23	42.93
1.566	12.12	48.13	0.5	6.95	52.71	1.27	42.95
1.575	12.12	48.12	0.65	6.93	51.28	1.27	42.93
1.582	12.12	48.13	0.5	6.9	53.22	1.27	42.94
1.598	12.12	48.15	0.57	6.86	54.14	1.27	42.96
1.617	12.12	48.14	0.57	6.83	54.45	1.52	42.95
1.637	12.12	48.14	0.42	6.8	53.25	1.31	42.95
1.665	12.12	48.16	0.46	6.77	51.45	1.33	42.97
1.7	12.12	48.16	0.53	6.75	54.01	1.26	42.97
1.722	12.12	48.14	0.46	6.73	54.31	1.88	42.95
1.741	12.12	48.18	0.38	6.73	54.43	1.47	42.99
1.769	12.12	48.19	0.42	6.73	54.31	1.27	42.99
1.797	12.12	48.16	0.42	6.74	55.37	1.3	42.96
1.822	12.13	48.2	0.38	6.76	55.38	1.17	43.0
1.849	12.13	48.24	0.38	6.76	55.23	1.25	43.04
1.869	12.13	48.2	0.53	6.78	53.51	1.3	43.0
1.883	12.13	48.2	0.46	6.79	54.84	1.3	42.99
1.901	12.14	48.22	0.46	6.8	57.06	1.24	43.01
1.916	12.14	48.19	0.5	6.81	55.73	1.19	42.98
1.929	12.14	48.23	0.38	6.81	57.57	1.24	43.01
1.955	12.14	48.3	0.53	6.81	64.44	1.22	43.09
1.986	12.14	48.21	0.38	6.81	57.08	1.22	43.0
2.003	12.14	48.22	0.46	6.82	61.13	1.28	43.0
2.011	12.14	48.33	0.38	6.83	58.83	1.29	43.12
2.018	12.13	48.31	0.5	6.93	58.71	1.2	43.1
2.023	12.13	48.31	0.46	6.99	61.6	1.2	43.11
2.036	12.13	48.27	0.53	7.04	57.18	1.33	43.07
2.059	12.13	48.28	0.65	7.08	60.45	1.34	43.08
2.081	12.13	48.31	0.5	7.11	59.92	1.26	43.1
2.091	12.13	48.28	0.34	7.12	61.78	1.24	43.08
2.098	12.13	48.31	0.42	7.12	65.44	1.37	43.11
2.112	12.13	48.35	0.61	7.09	60.87	1.27	43.15
2.133	12.14	48.28	0.5	7.07	77.88	1.5	43.07
2.155	12.14	48.3	0.46	7.04	67.96	1.3	43.09
2.183	12.14	48.36	0.53	7.01	84.32	1.27	43.14
2.205	12.14	48.3	0.46	6.99	71.17	1.23	43.09
2.227	12.14	48.32	0.5	6.97	97.67	1.28	43.11
2.248	12.14	48.36	0.57	6.96	70.13	1.34	43.15
2.266	12.14	48.33	0.5	6.96	105.39	1.29	43.11
2.281	12.14	48.32	0.46	6.96	102.0	1.26	43.11
2.294	12.14	48.37	0.42	6.96	89.23	1.27	43.16
2.311	12.14	48.4	0.34	6.95	83.49	1.3	43.18
2.347	12.15	48.37	0.38	6.96	98.04	1.26	43.15
2.392	12.15	48.33	0.46	6.95	99.38	1.3	43.1
2.426	12.16	48.39	0.53	6.94	100.8	1.33	43.16
2.45	12.16	48.44	0.38	6.93	98.99	1.29	43.21
2.469	12.16	48.35	0.5	6.92	113.26	1.3	43.12
2.487	12.16	48.4	0.38	6.89	100.12	1.3	43.16
2.503	12.17	48.46	0.5	6.86	115.28	1.31	43.22
2.518	12.17	48.38	0.53	6.85	91.34	1.66	43.14

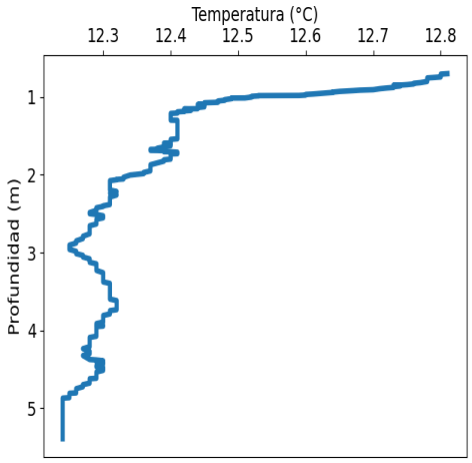
2.536	12.17	48.39	0.46	6.83	140.77	1.94	43.14
2.543	12.17	48.45	0.46	6.82	99.89	1.46	43.21
2.547	12.17	48.48	0.46	6.81	105.07	1.35	43.24
2.551	12.17	48.38	0.57	6.79	142.41	1.5	43.14
2.574	12.17	48.48	0.38	6.8	120.3	1.37	43.23
2.617	12.17	48.49	0.42	6.8	129.14	1.27	43.24
2.654	12.18	48.39	0.53	6.83	85.05	1.34	43.13
2.68	12.19	48.47	0.38	6.83	93.16	1.43	43.2
2.7	12.18	48.51	0.38	6.86	125.66	1.52	43.24
2.711	12.18	48.42	0.3	6.89	101.55	1.54	43.16
2.724	12.18	48.48	0.5	6.91	110.93	1.47	43.22
2.742	12.18	48.48	0.57	6.94	90.61	1.53	43.22
2.765	12.18	48.46	0.53	6.96	91.85	1.5	43.21
2.802	12.18	48.53	0.61	6.98	122.75	1.43	43.27
2.848	12.18	48.49	0.38	7.0	98.74	1.39	43.23
2.882	12.19	48.46	0.53	7.0	106.07	1.46	43.19
2.913	12.2	48.56	0.53	6.99	101.2	1.42	43.28
2.941	12.22	48.5	0.5	6.96	93.75	1.46	43.2
2.954	12.24	48.46	0.57	6.93	114.32	1.43	43.14
2.972	12.24	48.64	0.46	6.88	106.96	1.43	43.31
3.006	12.24	48.55	0.42	6.85	98.56	1.41	43.22
3.039	12.27	48.49	0.57	6.85	106.22	1.24	43.12
3.069	12.27	48.61	0.38	6.89	113.08	1.42	43.25
3.089	12.25	48.6	0.38	6.97	98.1	1.21	43.26
3.108	12.25	48.58	0.38	7.08	93.42	1.17	43.24
3.128	12.26	48.6	0.57	7.18	114.56	1.11	43.25
3.144	12.27	48.62	0.46	7.28	110.93	1.11	43.26
3.16	12.27	48.65	0.38	7.35	96.66	1.15	43.29
3.173	12.28	48.6	0.38	7.37	92.26	1.1	43.23
3.184	12.28	48.57	0.53	7.35	94.8	1.16	43.19
3.191	12.28	48.65	0.53	7.3	110.98	1.2	43.28
3.196	12.28	48.69	0.46	7.21	110.98	1.3	43.31
3.204	12.3	48.58	0.46	7.14	90.75	1.17	43.19
3.21	12.31	48.61	0.42	7.06	98.26	1.42	43.21
3.227	12.31	48.75	0.42	6.99	120.3	1.23	43.34
3.25	12.31	48.63	0.46	6.93	113.87	1.21	43.22
3.271	12.33	48.6	0.42	6.89	100.73	1.37	43.18
3.29	12.31	48.74	0.3	6.85	88.53	1.16	43.33
3.314	12.31	48.69	0.46	6.84	91.9	1.14	43.29
3.343	12.31	48.65	0.46	6.85	101.01	1.11	43.23
3.375	12.32	48.67	0.42	6.87	113.74	1.13	43.25
3.394	12.33	48.65	0.34	6.9	100.24	1.14	43.22
3.401	12.33	48.71	0.34	6.92	88.3	1.14	43.28
3.403	12.33	48.75	0.42	6.94	94.05	1.24	43.32
3.411	12.33	48.74	0.46	6.94	104.66	1.14	43.31
3.423	12.33	48.69	0.34	6.92	96.66	1.02	43.25
3.429	12.33	48.71	0.42	6.91	102.4	1.16	43.28
3.437	12.34	48.83	0.5	6.88	99.89	1.09	43.39
3.453	12.36	48.73	0.5	6.85	102.61	1.07	43.26
3.475	12.4	48.69	0.38	6.83	96.32	1.08	43.17
3.503	12.43	48.72	0.42	6.81	96.82	0.95	43.18
3.527	12.44	48.71	0.38	6.8	97.6	0.98	43.15
3.541	12.45	48.76	0.46	6.79	88.63	1.04	43.19
3.55	12.45	48.77	0.38	6.77	89.25	1.08	43.2
3.558	12.45	48.79	0.34	6.76	97.42	1.04	43.22
3.567	12.44	48.8	0.34	6.75	103.67	1.11	43.24
3.58	12.44	48.8	0.5	6.73	104.51	1.21	43.24
3.59	12.44	48.8	0.38	6.71	95.94	1.09	43.24

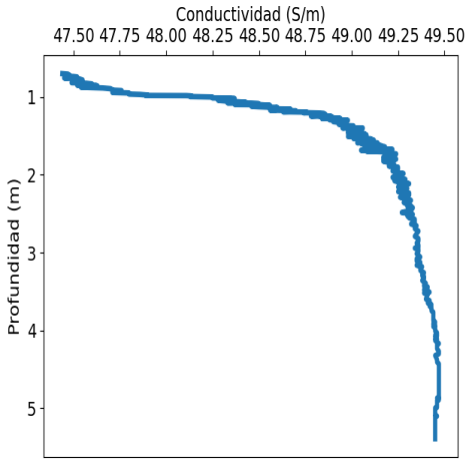
3.597	12.44	48.76	0.53	6.69	94.99	1.0	43.2
3.6	12.45	48.8	0.38	6.65	88.78	1.08	43.23
3.601	12.45	48.82	0.3	6.62	89.94	1.05	43.25
3.618	12.46	48.94	0.5	6.58	104.32	1.13	43.37
3.644	12.49	48.77	0.42	6.56	98.42	1.1	43.16
3.669	12.51	48.76	0.38	6.53	92.22	1.08	43.12
3.691	12.5	49.0	0.57	6.48	95.74	1.17	43.37
3.712	12.48	48.87	0.5	6.46	96.84	1.15	43.27
3.731	12.48	48.78	0.46	6.44	90.4	1.0	43.17
3.741	12.49	48.84	0.38	6.43	94.25	0.85	43.22
3.747	12.48	49.04	0.46	6.42	101.57	0.87	43.43
3.766	12.49	49.0	0.38	6.44	95.66	0.93	43.38
3.796	12.5	48.81	0.42	6.48	86.16	0.98	43.17
3.828	12.51	48.95	0.46	6.52	85.33	0.88	43.31
3.852	12.49	49.05	0.38	6.56	86.82	0.92	43.43
3.869	12.49	48.95	0.46	6.61	90.02	0.88	43.34
3.879	12.49	48.91	0.27	6.65	91.05	0.91	43.29
3.89	12.49	49.06	0.53	6.68	94.86	0.81	43.44
3.908	12.51	49.06	0.5	6.71	97.42	0.78	43.42
3.928	12.54	48.9	0.57	6.74	94.22	0.79	43.23
3.95	12.55	49.06	0.53	6.75	86.44	0.72	43.38
3.98	12.53	49.09	0.42	6.75	84.34	0.73	43.42
4.007	12.53	48.94	0.5	6.75	87.77	0.8	43.28
4.025	12.54	48.99	0.3	6.74	89.31	0.8	43.32
4.037	12.55	49.17	0.34	6.71	86.34	0.8	43.48
4.052	12.56	49.13	0.3	6.68	84.95	0.79	43.44
4.068	12.56	48.96	0.38	6.67	92.09	0.81	43.26
4.078	12.58	49.02	0.38	6.64	96.12	0.75	43.3
4.089	12.58	49.19	0.27	6.61	81.95	0.81	43.47
4.101	12.57	49.12	0.23	6.6	80.0	0.76	43.41
4.124	12.58	49.08	0.27	6.58	89.44	0.74	43.36
4.159	12.6	49.19	0.42	6.55	90.48	0.75	43.45
4.194	12.61	49.05	0.23	6.53	81.76	0.71	43.3
4.22	12.61	49.06	0.38	6.49	84.58	0.76	43.3
4.24	12.61	49.21	0.42	6.45	88.49	0.77	43.45
4.253	12.61	49.2	0.53	6.41	89.98	0.78	43.44
4.261	12.61	49.16	0.3	6.37	81.03	0.79	43.41
4.269	12.61	49.16	0.3	6.34	82.54	0.88	43.41
4.284	12.62	49.31	0.5	6.3	81.27	0.74	43.54
4.309	12.64	49.18	0.3	6.3	85.68	0.78	43.39
4.331	12.66	49.07	0.34	6.3	85.76	0.76	43.26
4.354	12.66	49.3	0.27	6.29	78.42	0.74	43.48
4.378	12.64	49.28	0.38	6.31	83.41	0.79	43.49
4.403	12.64	49.12	0.27	6.34	88.04	0.76	43.33
4.422	12.64	49.23	0.46	6.36	78.1	0.74	43.43
4.444	12.64	49.4	0.53	6.39	77.22	0.74	43.6
4.467	12.64	49.22	0.38	6.42	85.68	0.72	43.43
4.491	12.64	49.18	0.3	6.45	85.11	0.72	43.38
4.507	12.65	49.31	0.5	6.47	76.66	0.76	43.51
4.511	12.61	49.24	0.42	6.54	80.71	0.78	43.48
4.517	12.61	49.36	0.42	6.55	80.21	0.79	43.6
4.527	12.61	49.23	0.3	6.56	80.28	0.76	43.48
4.559	12.61	49.35	0.5	6.56	78.37	0.72	43.59
4.607	12.62	49.39	0.23	6.56	77.18	0.71	43.62
4.653	12.64	49.2	0.46	6.57	78.04	0.64	43.41
4.685	12.65	49.3	0.38	6.58	76.08	0.71	43.49
4.706	12.65	49.38	0.38	6.59	71.65	0.73	43.58
4.718	12.64	49.31	0.38	6.6	76.4	0.73	43.52

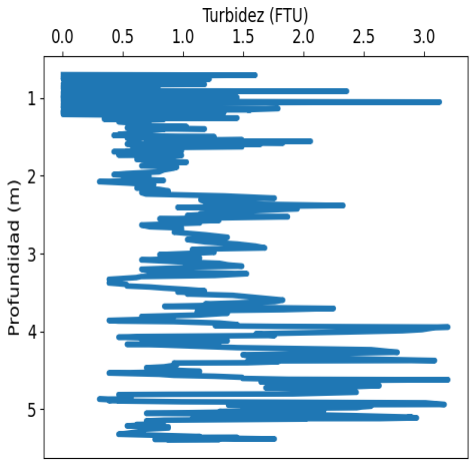
4.731	12.63	49.42	0.3	6.59	81.37	0.72	43.63
4.755	12.65	49.4	0.38	6.59	76.72	0.78	43.6
4.78	12.66	49.3	0.5	6.59	76.15	0.79	43.49
4.806	12.67	49.46	0.42	6.59	76.72	0.81	43.64
4.829	12.68	49.37	0.5	6.59	72.99	0.82	43.53
4.841	12.69	49.31	0.38	6.6	74.16	0.76	43.46
4.848	12.7	49.45	0.5	6.6	74.65	0.81	43.59
4.864	12.71	49.51	0.38	6.61	72.23	0.8	43.64
4.886	12.72	49.31	0.46	6.62	71.9	0.72	43.42
4.904	12.72	49.35	0.42	6.62	72.33	0.73	43.46
4.919	12.7	49.5	0.5	6.61	72.68	0.83	43.63
4.937	12.69	49.42	0.38	6.6	69.76	0.81	43.57
4.965	12.69	49.39	0.34	6.6	71.25	0.79	43.54
4.996	12.7	49.52	0.3	6.6	70.79	0.79	43.66
5.024	12.71	49.49	0.34	6.61	68.07	0.8	43.61
5.057	12.72	49.46	0.46	6.62	67.68	0.81	43.58
5.097	12.72	49.52	0.27	6.63	69.49	0.78	43.63
5.132	12.72	49.47	0.27	6.66	69.08	0.74	43.58
5.154	12.72	49.48	0.42	6.67	67.82	0.79	43.59
5.17	12.73	49.53	0.34	6.67	64.89	0.71	43.64
5.187	12.73	49.55	0.3	6.66	65.17	0.72	43.65
5.21	12.74	49.5	0.38	6.64	64.7	0.72	43.59
5.24	12.74	49.6	0.53	6.62	62.32	0.76	43.69
5.273	12.75	49.59	0.42	6.59	62.49	0.76	43.67
5.315	12.75	49.58	0.5	6.56	62.69	0.69	43.66
5.35	12.75	49.42	0.42	6.55	60.4	0.76	43.49
5.372	12.76	49.46	0.42	6.53	59.51	0.76	43.53
5.383	12.75	49.67	0.38	6.5	58.29	0.76	43.75
5.396	12.74	49.7	0.42	6.48	57.73	0.74	43.79
5.417	12.74	49.52	0.46	6.47	57.87	0.76	43.62
5.439	12.74	49.68	0.27	6.44	58.32	0.79	43.77
5.455	12.75	49.7	0.42	6.42	59.07	0.8	43.78
5.464	12.75	49.65	0.38	6.41	60.7	0.83	43.72
5.468	12.76	49.7	0.46	6.39	63.52	0.89	43.77
5.47	12.76	49.73	0.38	6.37	60.9	0.78	43.8
5.472	12.77	49.65	0.5	6.36	59.34	0.88	43.71
5.473	12.77	49.71	0.38	6.36	59.02	0.85	43.77
5.474	12.77	49.79	0.38	6.35	61.17	0.83	43.85
5.475	12.77	49.75	0.42	6.36	61.53	0.81	43.8

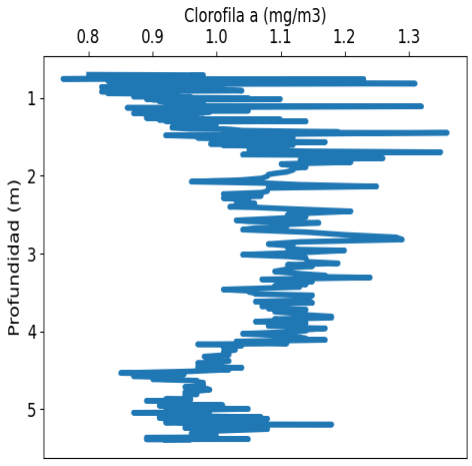
Nombre: CTD E04 - Punto 007 **Fecha: 16/01/2024** **Hora: 09:01:41**

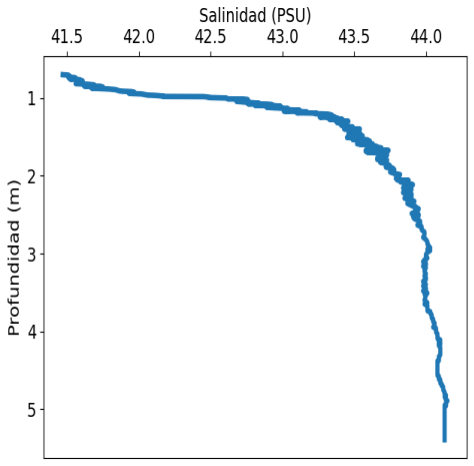


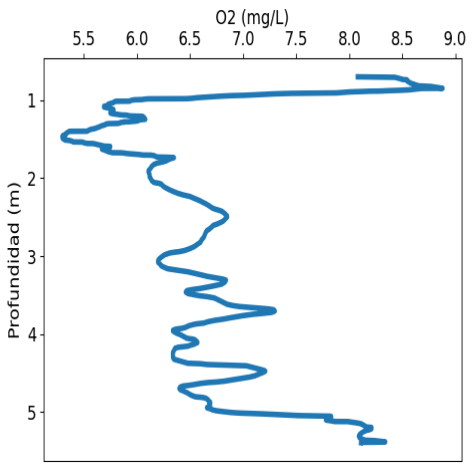


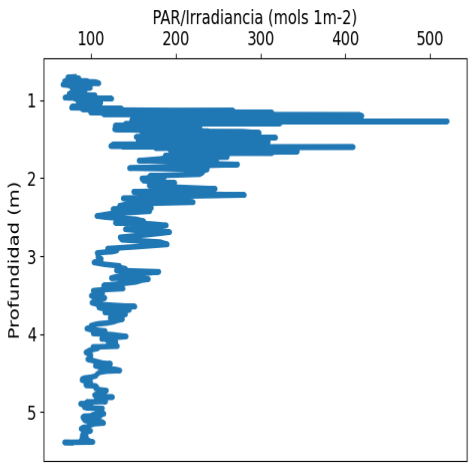


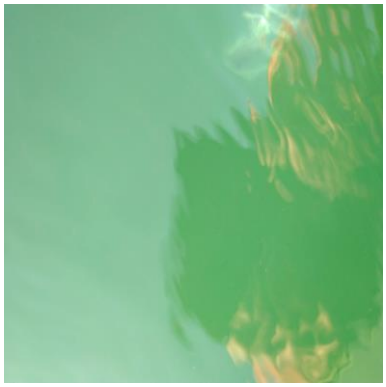












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.24	47.44	0.0	5.3	66.57	0.76	41.47
PROF (metros)	4.868	0.703	0.703	1.46	0.803	0.757	0.703
MÁXIMO	12.81	12.81	3.2	8.88	520.63	1.36	44.15
PROF (metros)	0.703	4.168	3.944	0.85	1.273	1.449	4.891

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.74	47.61	0.85	8.15	85.33	0.92	41.72
1 - 2m	12.4	49.01	0.8	5.79	214.12	1.04	43.5
2 - 3m	12.29	49.31	1.08	6.54	162.43	1.1	43.93
3 - 4m	12.3	49.41	1.23	6.64	121.83	1.11	44.02
4 - 5m	12.27	49.46	1.46	6.66	108.22	0.99	44.11
5 - 6m	12.24	49.45	1.27	7.93	96.73	0.97	44.13

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	12.81	47.44	0.0	8.08	80.78	0.8	41.47
0.709	12.8	47.47	1.6	8.43	72.45	0.98	41.51
0.723	12.8	47.48	0.57	8.47	86.02	0.95	41.52
0.739	12.8	47.46	0.76	8.51	71.56	0.85	41.51
0.74	12.8	47.5	1.18	8.54	82.89	0.86	41.55
0.745	12.8	47.52	0.0	8.54	76.11	0.85	41.56
0.752	12.79	47.49	0.0	8.55	74.66	0.84	41.55
0.757	12.78	47.46	0.46	8.55	95.54	0.76	41.52
0.758	12.78	47.45	1.22	8.55	84.46	0.89	41.52
0.76	12.78	47.48	0.0	8.55	68.45	1.23	41.55
0.769	12.78	47.53	0.46	8.56	105.36	1.13	41.59
0.785	12.78	47.55	0.99	8.58	109.67	0.83	41.61
0.803	12.78	47.52	0.38	8.62	66.57	0.94	41.59
0.818	12.77	47.49	0.0	8.65	79.17	1.31	41.56
0.827	12.76	47.57	1.18	8.77	76.01	0.84	41.65
0.835	12.76	47.6	0.11	8.81	78.57	0.85	41.69
0.844	12.75	47.57	0.0	8.86	99.57	0.92	41.66
0.85	12.74	47.52	0.0	8.88	86.72	0.84	41.62
0.851	12.73	47.57	0.0	8.77	77.61	0.98	41.68
0.852	12.74	47.62	0.0	8.68	88.35	0.98	41.73
0.861	12.74	47.63	0.0	8.62	88.35	0.82	41.75
0.87	12.73	47.58	0.0	8.56	90.73	0.85	41.7
0.875	12.73	47.54	0.0	8.49	83.66	0.88	41.67
0.88	12.73	47.58	0.0	8.38	83.26	0.9	41.71
0.886	12.72	47.65	0.0	8.28	89.0	0.92	41.78
0.887	12.72	47.66	0.04	8.2	93.25	0.98	41.79
0.896	12.71	47.7	0.8	8.01	88.14	1.01	41.84
0.909	12.7	47.71	0.04	7.88	76.26	1.04	41.86
0.915	12.68	47.71	2.36	7.45	86.84	0.88	41.88
0.921	12.67	47.76	0.0	7.3	73.89	0.82	41.95
0.931	12.65	47.76	0.0	7.14	78.66	0.89	41.97
0.94	12.64	47.71	0.0	7.01	105.07	0.9	41.93
0.944	12.64	47.71	0.0	6.89	80.1	0.83	41.94
0.951	12.63	47.8	0.0	6.79	73.92	0.92	42.02
0.965	12.61	47.8	0.0	6.63	94.09	0.94	42.06
0.97	12.6	47.86	0.0	6.57	68.96	0.9	42.12

0.978	12.6	47.9	0.8	6.52	88.47	0.91	42.17
0.983	12.59	47.89	0.0	6.47	124.79	0.9	42.17
0.985	12.53	48.11	0.0	6.11	81.4	0.87	42.45
0.988	12.53	48.13	0.0	6.08	90.44	0.96	42.47
0.994	12.52	48.14	1.45	6.05	88.49	0.93	42.49
0.997	12.52	48.13	0.0	5.98	96.41	0.91	42.49
1.003	12.52	48.25	0.0	5.95	83.93	1.05	42.61
1.015	12.51	48.25	0.0	5.93	99.27	0.89	42.62
1.016	12.49	48.35	0.0	5.8	104.61	1.1	42.73
1.024	12.49	48.37	0.0	5.79	86.5	0.9	42.76
1.037	12.48	48.34	0.0	5.77	111.83	0.95	42.74
1.045	12.48	48.28	0.0	5.75	96.64	0.91	42.68
1.054	12.47	48.32	3.13	5.73	92.8	0.92	42.73
1.071	12.47	48.43	0.0	5.73	83.2	0.95	42.84
1.077	12.45	48.33	0.0	5.7	110.18	0.98	42.76
1.081	12.45	48.46	0.0	5.69	77.77	0.98	42.89
1.09	12.45	48.5	0.0	5.69	95.83	0.95	42.93
1.099	12.44	48.37	0.0	5.72	76.73	0.95	42.81
1.102	12.45	48.51	0.0	5.74	95.97	0.95	42.95
1.111	12.45	48.56	0.0	5.75	136.31	1.32	42.99
1.117	12.45	48.46	0.0	5.77	89.54	1.12	42.89
1.122	12.45	48.46	0.04	5.78	118.31	0.97	42.89
1.128	12.45	48.5	0.0	5.78	118.14	0.86	42.94
1.138	12.44	48.6	1.79	5.78	268.06	0.98	43.04
1.153	12.44	48.56	1.53	5.78	99.06	0.9	43.01
1.155	12.42	48.57	1.56	5.76	224.93	0.95	43.03
1.158	12.43	48.67	0.0	5.75	313.53	0.92	43.12
1.162	12.43	48.6	0.0	5.75	99.82	0.93	43.06
1.166	12.43	48.59	0.0	5.75	176.71	1.05	43.05
1.171	12.43	48.56	0.11	5.76	236.53	0.95	43.01
1.175	12.43	48.63	0.0	5.77	157.48	0.95	43.09
1.181	12.42	48.7	0.23	5.8	114.45	0.99	43.17
1.188	12.42	48.67	0.0	5.83	169.25	0.97	43.14
1.192	12.41	48.63	1.34	5.86	417.44	0.9	43.1
1.193	12.41	48.66	0.15	5.89	195.32	0.91	43.13
1.196	12.41	48.74	0.04	5.91	157.01	0.92	43.21
1.2	12.41	48.76	0.0	5.92	247.81	0.87	43.24
1.204	12.41	48.74	0.53	5.94	419.97	0.93	43.23
1.209	12.41	48.83	0.08	6.05	261.07	0.97	43.31
1.214	12.4	48.85	0.0	6.06	166.3	0.95	43.33
1.229	12.4	48.86	0.95	6.07	169.53	0.95	43.35
1.247	12.4	48.78	0.34	6.08	152.45	0.89	43.26
1.251	12.4	48.89	0.95	6.05	156.9	0.95	43.37
1.254	12.4	48.83	0.72	6.03	147.82	0.96	43.31
1.259	12.4	48.85	1.45	6.02	248.1	0.89	43.34
1.266	12.4	48.9	0.5	6.01	151.47	0.98	43.39
1.271	12.4	48.85	0.57	5.99	262.23	0.98	43.34
1.272	12.4	48.84	0.57	5.98	197.87	0.95	43.33
1.273	12.4	48.93	0.34	5.96	520.63	0.98	43.41
1.277	12.4	48.93	0.5	5.94	226.02	1.08	43.41
1.279	12.4	48.84	0.84	5.92	176.67	1.1	43.33
1.28	12.4	48.94	0.61	5.88	202.93	0.92	43.42
1.283	12.4	48.91	0.5	5.88	152.38	0.91	43.4
1.287	12.4	48.9	0.5	5.85	178.39	1.0	43.38
1.294	12.4	48.88	0.5	5.84	205.11	0.93	43.37
1.3	12.4	48.93	0.65	5.82	323.35	0.92	43.41
1.302	12.41	48.98	0.57	5.74	184.75	1.14	43.46
1.307	12.41	48.94	0.46	5.71	140.15	0.96	43.42

1.318	12.41	48.9	0.53	5.7	209.96	1.0	43.38
1.329	12.41	48.93	0.72	5.67	128.22	0.95	43.41
1.342	12.41	48.95	0.72	5.65	214.19	1.0	43.43
1.353	12.41	48.93	0.65	5.63	225.55	0.94	43.41
1.363	12.41	48.95	0.84	5.61	229.03	0.95	43.43
1.37	12.41	48.96	1.03	5.59	185.31	0.98	43.44
1.374	12.41	49.01	0.57	5.57	127.56	0.93	43.49
1.385	12.41	49.0	0.53	5.55	157.88	0.93	43.48
1.4	12.41	48.95	1.18	5.53	238.29	0.96	43.43
1.401	12.41	49.06	0.57	5.37	159.17	1.01	43.54
1.405	12.41	49.06	0.84	5.36	278.39	1.02	43.54
1.421	12.41	49.0	0.72	5.34	298.78	1.04	43.48
1.438	12.41	48.98	0.61	5.33	194.96	1.19	43.46
1.446	12.41	48.98	0.57	5.33	205.73	1.01	43.47
1.449	12.41	49.05	0.57	5.31	189.26	1.36	43.54
1.46	12.41	49.05	0.53	5.3	190.71	1.2	43.53
1.472	12.41	48.98	0.46	5.31	211.87	1.02	43.46
1.474	12.41	49.07	0.53	5.3	152.98	1.02	43.54
1.482	12.41	49.07	0.42	5.3	318.15	0.92	43.55
1.49	12.41	49.08	0.76	5.3	169.09	0.95	43.56
1.5	12.41	49.04	1.26	5.31	223.52	0.99	43.51
1.51	12.41	48.98	0.57	5.32	214.14	1.12	43.45
1.514	12.41	49.03	0.65	5.33	198.56	0.97	43.5
1.516	12.41	49.08	0.53	5.35	155.38	0.98	43.56
1.52	12.41	49.04	0.99	5.37	161.02	1.0	43.51
1.528	12.41	49.01	0.8	5.39	293.15	1.05	43.49
1.537	12.41	49.01	0.69	5.4	309.49	1.1	43.49
1.539	12.41	49.1	1.49	5.49	176.67	1.0	43.59
1.547	12.4	49.11	1.14	5.5	260.17	1.02	43.6
1.556	12.4	49.05	0.95	5.53	166.76	1.0	43.54
1.558	12.4	49.12	2.06	5.59	243.26	1.05	43.61
1.568	12.4	49.11	1.34	5.62	125.74	1.17	43.6
1.58	12.4	49.06	1.83	5.66	265.16	1.09	43.55
1.59	12.4	49.03	0.88	5.69	123.03	1.07	43.52
1.592	12.4	49.09	1.11	5.72	144.81	0.99	43.59
1.593	12.4	49.14	0.53	5.74	277.42	1.04	43.63
1.595	12.39	49.08	0.65	5.75	198.24	1.08	43.58
1.597	12.39	49.05	0.99	5.75	137.64	1.06	43.54
1.599	12.39	49.09	1.64	5.75	152.56	1.03	43.59
1.603	12.39	49.12	0.8	5.74	409.68	1.12	43.62
1.61	12.39	49.1	1.07	5.74	210.7	1.01	43.6
1.616	12.39	49.09	0.8	5.72	175.97	1.05	43.59
1.618	12.4	49.09	0.57	5.7	285.05	1.11	43.59
1.62	12.4	49.15	1.49	5.69	201.15	1.07	43.65
1.629	12.4	49.16	1.49	5.67	204.54	1.05	43.66
1.638	12.39	49.17	0.92	5.69	256.75	1.05	43.67
1.644	12.39	49.18	0.88	5.7	193.07	1.11	43.69
1.661	12.38	49.12	0.72	5.73	343.75	1.08	43.63
1.675	12.38	49.06	0.88	5.77	262.77	1.08	43.58
1.676	12.37	49.22	0.84	5.85	261.26	1.05	43.74
1.68	12.37	49.11	0.99	5.88	313.75	1.11	43.63
1.686	12.37	49.05	0.61	5.91	196.32	1.14	43.58
1.688	12.37	49.13	0.53	5.93	209.24	1.17	43.66
1.689	12.38	49.21	0.69	5.95	221.87	1.18	43.73
1.692	12.39	49.13	0.42	5.98	249.36	1.24	43.63
1.698	12.39	49.08	0.76	6.02	206.11	1.35	43.59
1.705	12.39	49.15	0.5	6.06	225.45	1.14	43.65
1.706	12.4	49.17	0.72	6.13	201.9	1.12	43.65

1.712	12.41	49.19	0.8	6.16	187.34	1.06	43.68
1.73	12.41	49.19	0.69	6.19	261.07	1.04	43.67
1.734	12.4	49.24	0.46	6.31	244.56	1.14	43.73
1.739	12.4	49.18	0.99	6.35	188.82	1.16	43.67
1.755	12.4	49.21	0.88	6.31	181.82	1.18	43.7
1.777	12.4	49.17	0.76	6.28	156.39	1.26	43.66
1.791	12.4	49.17	0.61	6.25	248.61	1.13	43.66
1.8	12.4	49.24	0.92	6.22	193.56	1.15	43.73
1.809	12.39	49.22	0.76	6.19	206.2	1.13	43.72
1.826	12.39	49.17	1.03	6.16	273.27	1.21	43.68
1.85	12.38	49.21	0.76	6.14	200.92	1.1	43.73
1.873	12.37	49.23	0.65	6.13	145.14	1.12	43.75
1.889	12.37	49.2	0.95	6.12	237.41	1.14	43.72
1.904	12.37	49.25	0.92	6.11	212.21	1.12	43.77
1.925	12.37	49.25	0.84	6.11	232.24	1.12	43.78
1.951	12.37	49.22	0.8	6.12	228.34	1.11	43.75
1.972	12.36	49.24	0.53	6.12	169.29	1.09	43.78
1.986	12.36	49.28	0.42	6.12	186.9	1.08	43.82
2.005	12.34	49.25	0.72	6.13	159.72	1.08	43.81
2.034	12.33	49.22	0.5	6.14	161.85	1.07	43.79
2.055	12.33	49.23	0.76	6.16	187.12	1.04	43.8
2.061	12.32	49.29	0.84	6.18	199.16	1.02	43.88
2.065	12.32	49.28	0.53	6.2	194.1	1.0	43.87
2.077	12.31	49.23	0.3	6.23	177.73	0.96	43.82
2.094	12.31	49.25	0.53	6.24	168.31	1.07	43.85
2.116	12.31	49.31	0.76	6.26	196.27	1.13	43.91
2.138	12.31	49.26	0.69	6.29	246.83	1.25	43.85
2.158	12.31	49.25	0.61	6.32	208.85	1.08	43.84
2.176	12.31	49.3	0.8	6.35	150.03	1.08	43.9
2.197	12.31	49.27	0.88	6.39	190.31	1.08	43.86
2.217	12.32	49.25	0.65	6.44	281.24	1.07	43.84
2.236	12.31	49.31	0.69	6.5	186.08	1.01	43.9
2.26	12.32	49.31	1.34	6.54	137.74	1.07	43.9
2.288	12.31	49.26	1.76	6.59	201.15	1.01	43.85
2.31	12.31	49.3	1.14	6.62	220.9	1.05	43.9
2.33	12.31	49.32	1.18	6.65	143.9	1.03	43.92
2.355	12.31	49.28	1.18	6.68	133.46	1.06	43.87
2.383	12.31	49.3	2.33	6.71	171.58	1.06	43.9
2.4	12.3	49.32	1.34	6.74	125.63	1.02	43.93
2.407	12.3	49.3	0.95	6.76	165.8	1.06	43.92
2.425	12.29	49.33	1.95	6.8	169.6	1.11	43.95
2.457	12.29	49.32	1.49	6.83	122.72	1.21	43.94
2.486	12.28	49.27	1.14	6.85	106.62	1.13	43.9
2.501	12.28	49.32	1.14	6.85	117.24	1.11	43.95
2.511	12.29	49.33	1.03	6.84	130.37	1.12	43.95
2.528	12.3	49.3	1.87	6.83	153.23	1.14	43.91
2.554	12.3	49.31	0.8	6.81	162.56	1.08	43.92
2.573	12.29	49.34	1.3	6.78	128.48	1.03	43.95
2.587	12.29	49.34	1.07	6.76	169.49	1.05	43.96
2.606	12.29	49.34	1.14	6.72	189.17	1.16	43.96
2.633	12.29	49.32	0.65	6.7	177.94	1.09	43.94
2.656	12.28	49.35	0.72	6.68	140.25	1.11	43.97
2.672	12.28	49.34	0.99	6.66	156.21	1.06	43.97
2.693	12.28	49.34	0.99	6.65	193.11	1.04	43.97
2.725	12.28	49.36	0.92	6.64	166.76	1.14	43.99
2.759	12.28	49.35	1.18	6.63	134.05	1.2	43.99
2.791	12.27	49.34	1.37	6.61	136.37	1.28	43.98
2.82	12.27	49.36	1.03	6.6	181.57	1.29	44.0

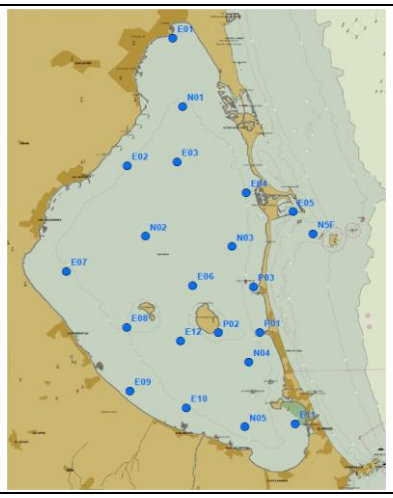
2.85	12.26	49.36	1.18	6.57	190.27	1.13	44.01
2.878	12.26	49.35	1.45	6.54	155.7	1.08	44.01
2.904	12.25	49.36	1.6	6.5	119.3	1.12	44.02
2.928	12.25	49.36	1.68	6.45	130.8	1.11	44.03
2.943	12.25	49.34	1.14	6.4	125.13	1.12	44.01
2.949	12.25	49.35	1.07	6.36	116.32	1.13	44.02
2.96	12.25	49.36	1.22	6.31	106.96	1.2	44.03
2.984	12.26	49.36	1.26	6.26	108.69	1.14	44.01
3.014	12.26	49.35	0.8	6.23	107.93	1.04	44.0
3.036	12.27	49.36	0.95	6.21	112.45	1.11	44.0
3.057	12.27	49.37	1.14	6.2	111.91	1.14	44.01
3.081	12.28	49.35	0.65	6.2	103.21	1.14	43.99
3.105	12.28	49.35	0.95	6.22	115.81	1.14	43.98
3.125	12.28	49.37	1.3	6.23	133.83	1.19	44.0
3.145	12.29	49.37	1.37	6.26	133.43	1.11	44.0
3.162	12.29	49.35	1.49	6.29	140.9	1.15	43.98
3.172	12.29	49.37	1.03	6.34	133.25	1.13	43.99
3.183	12.29	49.38	0.99	6.4	129.62	1.11	44.0
3.201	12.29	49.37	0.65	6.48	180.35	1.11	43.99
3.229	12.29	49.37	0.72	6.57	156.1	1.09	43.99
3.259	12.3	49.39	1.53	6.66	131.62	1.13	44.0
3.281	12.3	49.38	1.26	6.75	123.72	1.17	43.99
3.295	12.3	49.38	0.65	6.81	168.04	1.14	43.99
3.308	12.3	49.39	0.61	6.84	160.17	1.24	44.0
3.331	12.3	49.39	0.38	6.83	152.98	1.07	44.0
3.358	12.3	49.38	0.42	6.8	131.37	1.15	43.98
3.377	12.3	49.39	0.38	6.74	114.69	1.13	43.99
3.396	12.31	49.4	0.53	6.67	134.05	1.14	44.0
3.416	12.31	49.39	0.53	6.59	138.18	1.09	43.98
3.429	12.31	49.39	0.72	6.52	115.65	1.13	43.99
3.443	12.31	49.41	0.84	6.47	102.35	1.08	44.0
3.461	12.31	49.4	1.03	6.46	105.51	1.01	44.0
3.479	12.31	49.39	1.18	6.48	114.08	1.05	43.98
3.493	12.31	49.41	0.95	6.53	106.52	1.05	44.0
3.508	12.31	49.42	1.18	6.59	100.03	1.06	44.01
3.519	12.31	49.39	1.03	6.66	102.88	1.06	43.99
3.536	12.31	49.41	1.41	6.73	116.65	1.15	44.0
3.597	12.31	49.4	1.83	6.82	100.82	1.14	43.99
3.617	12.32	49.42	1.76	6.85	107.56	1.06	44.0
3.633	12.32	49.42	1.45	6.9	129.83	1.15	44.01
3.647	12.32	49.41	1.18	6.97	152.1	1.08	43.99
3.658	12.32	49.42	1.26	7.07	108.99	1.11	44.0
3.668	12.32	49.43	1.14	7.16	112.37	1.08	44.01
3.677	12.32	49.42	0.84	7.24	128.13	1.07	44.01
3.688	12.32	49.42	1.3	7.29	145.58	1.11	44.01
3.704	12.32	49.43	2.25	7.3	122.52	1.08	44.01
3.721	12.32	49.43	1.83	7.27	115.97	1.14	44.01
3.733	12.32	49.43	1.18	7.19	135.52	1.09	44.01
3.746	12.31	49.43	1.11	7.09	141.13	1.09	44.03
3.765	12.31	49.44	1.37	6.99	131.95	1.12	44.03
3.788	12.31	49.44	1.14	6.89	122.3	1.14	44.04
3.808	12.3	49.44	0.65	6.81	137.48	1.18	44.04
3.824	12.3	49.44	0.92	6.73	131.01	1.18	44.04
3.841	12.3	49.44	0.76	6.67	126.83	1.09	44.05
3.858	12.3	49.44	0.38	6.63	118.2	1.12	44.05
3.867	12.3	49.44	0.46	6.57	108.99	1.08	44.05
3.874	12.3	49.44	0.92	6.54	105.48	1.06	44.05
3.892	12.3	49.45	1.3	6.49	99.73	1.14	44.06

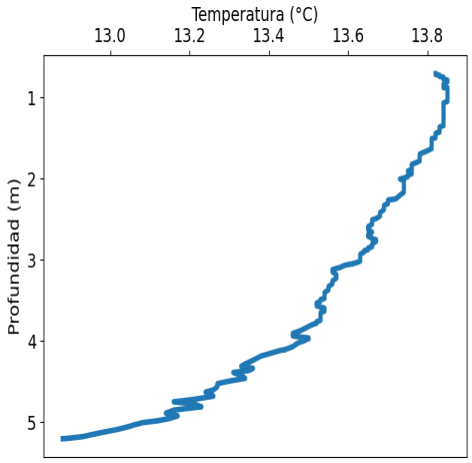
3.912	12.29	49.44	1.45	6.46	103.12	1.12	44.06
3.924	12.29	49.44	1.26	6.43	100.08	1.08	44.06
3.929	12.29	49.45	1.37	6.4	94.77	1.08	44.06
3.935	12.3	49.45	1.76	6.37	97.15	1.11	44.06
3.944	12.3	49.44	3.2	6.35	99.94	1.12	44.05
3.95	12.29	49.44	3.09	6.34	108.38	1.11	44.06
3.96	12.29	49.45	3.05	6.34	117.0	1.17	44.07
3.977	12.29	49.45	2.98	6.36	105.41	1.14	44.07
3.991	12.29	49.45	2.82	6.38	102.31	1.14	44.07
4.007	12.29	49.45	2.36	6.41	124.96	1.11	44.07
4.03	12.29	49.46	1.6	6.44	141.82	1.04	44.08
4.052	12.29	49.46	1.76	6.47	117.41	1.1	44.08
4.061	12.29	49.45	0.88	6.51	112.32	1.11	44.08
4.065	12.29	49.46	0.61	6.53	120.38	1.11	44.08
4.074	12.29	49.46	0.46	6.55	118.56	1.13	44.08
4.09	12.28	49.45	0.84	6.56	121.79	1.14	44.08
4.101	12.28	49.45	0.65	6.57	129.59	1.11	44.09
4.109	12.28	49.46	0.72	6.57	124.96	1.17	44.1
4.12	12.28	49.46	1.37	6.55	124.15	1.09	44.09
4.128	12.28	49.45	1.07	6.54	120.22	1.03	44.09
4.139	12.28	49.46	0.88	6.51	128.9	1.05	44.1
4.154	12.28	49.46	1.3	6.48	131.47	1.11	44.09
4.165	12.28	49.46	0.53	6.41	102.02	0.97	44.1
4.168	12.28	49.47	0.72	6.39	108.56	1.0	44.1
4.181	12.28	49.46	0.95	6.36	108.23	1.04	44.09
4.208	12.28	49.46	1.45	6.35	98.06	1.01	44.1
4.234	12.27	49.46	2.56	6.34	93.77	1.03	44.1
4.268	12.28	49.47	2.78	6.34	100.19	1.01	44.1
4.299	12.28	49.47	1.49	6.34	99.8	1.02	44.1
4.322	12.27	49.45	1.56	6.35	95.88	0.98	44.09
4.373	12.28	49.46	3.09	6.48	114.35	1.0	44.09
4.379	12.29	49.46	1.53	6.6	123.32	1.02	44.08
4.389	12.3	49.46	1.79	6.66	119.41	1.01	44.08
4.402	12.29	49.46	1.53	6.95	117.49	0.98	44.08
4.405	12.3	49.46	0.92	7.03	104.83	0.97	44.08
4.429	12.3	49.47	0.95	7.1	113.58	0.98	44.08
4.454	12.29	49.47	0.84	7.17	130.1	0.97	44.08
4.466	12.29	49.47	0.69	7.2	134.36	1.04	44.08
4.474	12.3	49.47	0.84	7.21	118.17	0.98	44.08
4.489	12.3	49.47	0.8	7.19	110.08	1.02	44.08
4.512	12.3	49.47	1.14	7.15	107.19	0.96	44.08
4.534	12.29	49.47	0.38	7.11	105.93	0.85	44.08
4.55	12.29	49.47	0.8	7.06	100.85	0.95	44.08
4.563	12.29	49.47	0.92	7.0	92.02	0.92	44.08
4.575	12.29	49.47	1.26	6.94	89.46	0.87	44.09
4.589	12.29	49.47	1.49	6.88	89.13	0.92	44.09
4.603	12.29	49.47	1.49	6.82	95.94	0.92	44.09
4.614	12.29	49.47	1.87	6.74	99.98	0.9	44.09
4.62	12.28	49.47	3.2	6.67	94.75	0.92	44.1
4.631	12.28	49.47	2.17	6.6	94.09	0.97	44.1
4.648	12.28	49.47	1.64	6.53	93.57	0.97	44.1
4.658	12.28	49.47	2.4	6.48	94.44	0.98	44.1
4.663	12.28	49.47	1.76	6.44	105.51	0.98	44.1
4.676	12.28	49.47	1.95	6.41	107.01	0.97	44.11
4.696	12.27	49.47	2.63	6.4	105.31	0.98	44.11
4.713	12.27	49.47	2.36	6.41	110.64	0.95	44.12
4.723	12.27	49.47	1.68	6.43	118.56	0.98	44.12
4.748	12.26	49.47	2.4	6.47	114.77	0.99	44.12

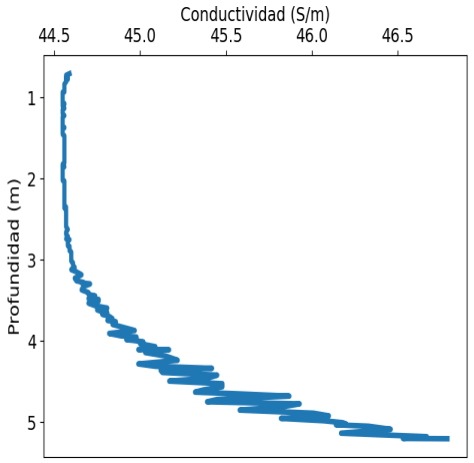
4.781	12.26	49.47	2.44	6.51	103.84	0.95	44.13
4.802	12.26	49.47	1.91	6.55	114.82	0.96	44.13
4.807	12.25	49.47	0.88	6.59	125.66	0.97	44.13
4.811	12.25	49.47	0.46	6.62	116.78	0.95	44.13
4.821	12.25	49.47	0.5	6.65	106.39	0.95	44.14
4.84	12.25	49.47	0.57	6.67	106.0	0.95	44.13
4.863	12.25	49.47	0.57	6.68	117.6	0.96	44.14
4.868	12.24	49.46	0.5	6.69	97.51	0.92	44.14
4.869	12.24	49.47	0.3	6.69	94.99	0.92	44.14
4.879	12.24	49.47	0.42	6.68	98.38	0.96	44.14
4.888	12.24	49.47	0.38	6.68	93.2	0.92	44.14
4.891	12.24	49.47	0.5	6.68	89.6	0.89	44.15
4.893	12.24	49.46	0.46	6.69	87.35	0.92	44.14
4.903	12.24	49.46	0.99	6.69	89.92	0.94	44.14
4.916	12.24	49.46	3.01	6.69	94.84	0.93	44.14
4.938	12.24	49.46	3.17	6.67	91.98	0.93	44.14
4.94	12.24	49.46	2.4	6.66	99.73	0.97	44.14
4.942	12.24	49.46	1.91	6.66	101.43	0.98	44.14
4.945	12.24	49.46	1.37	6.67	95.19	1.01	44.14
4.948	12.24	49.46	1.53	6.67	101.86	1.01	44.13
4.952	12.24	49.46	2.56	6.68	113.82	0.91	44.14
4.96	12.24	49.46	2.56	6.7	106.12	0.97	44.13
4.969	12.24	49.46	2.48	6.71	109.85	0.94	44.13
4.979	12.24	49.46	2.44	6.74	110.0	0.94	44.13
4.987	12.24	49.46	1.83	6.78	110.46	0.99	44.13
4.995	12.24	49.45	2.02	6.83	111.49	1.05	44.13
5.004	12.24	49.45	1.49	6.89	111.13	0.98	44.13
5.011	12.24	49.45	1.72	6.97	106.62	0.95	44.13
5.015	12.24	49.45	2.17	7.06	112.98	0.94	44.13
5.02	12.24	49.45	1.49	7.16	115.52	0.92	44.13
5.027	12.24	49.45	1.3	7.28	104.85	0.99	44.13
5.035	12.24	49.45	1.37	7.4	101.64	0.98	44.13
5.043	12.24	49.45	1.03	7.52	111.75	0.87	44.13
5.051	12.24	49.45	0.69	7.82	91.85	0.97	44.13
5.054	12.24	49.45	0.92	7.83	91.41	0.92	44.13
5.065	12.24	49.45	1.91	7.83	90.06	0.94	44.13
5.08	12.24	49.45	2.4	7.81	90.8	0.91	44.13
5.1	12.24	49.46	2.9	7.78	93.57	1.07	44.13
5.103	12.24	49.45	2.86	7.79	92.28	0.99	44.13
5.11	12.24	49.45	2.94	7.83	94.38	0.91	44.13
5.119	12.24	49.45	2.63	7.86	110.34	0.92	44.13
5.12	12.24	49.45	1.07	7.99	107.23	1.08	44.13
5.125	12.24	49.45	2.02	8.01	113.21	0.99	44.13
5.139	12.24	49.45	0.84	8.08	115.17	0.95	44.13
5.148	12.24	49.45	0.69	8.11	103.84	0.97	44.13
5.17	12.24	49.45	0.84	8.14	97.74	0.92	44.13
5.189	12.24	49.45	0.72	8.16	96.61	0.99	44.13
5.195	12.24	49.45	0.61	8.21	90.65	1.18	44.13
5.199	12.24	49.45	0.69	8.21	90.35	0.98	44.13
5.212	12.24	49.45	0.53	8.21	88.04	0.95	44.13
5.225	12.24	49.45	0.88	8.19	90.9	0.97	44.13
5.23	12.24	49.45	0.88	8.17	98.08	0.97	44.13
5.239	12.24	49.45	0.88	8.15	99.85	0.95	44.13
5.254	12.24	49.45	0.69	8.13	95.39	1.08	44.13
5.282	12.24	49.45	0.65	8.1	89.92	0.98	44.13
5.308	12.24	49.45	0.53	8.09	89.33	0.96	44.13
5.32	12.24	49.45	0.46	8.1	94.86	0.98	44.13
5.332	12.24	49.45	0.76	8.1	91.3	1.0	44.13

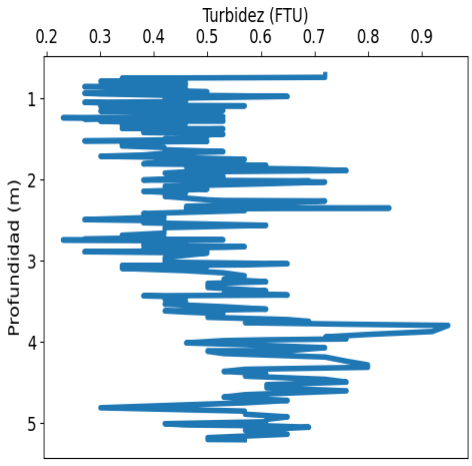
5.349	12.24	49.45	1.14	8.13	88.55	0.97	44.13
5.359	12.24	49.45	0.99	8.15	88.86	0.96	44.13
5.361	12.24	49.45	1.45	8.18	91.9	0.92	44.13
5.363	12.24	49.45	1.26	8.22	97.83	0.89	44.13
5.364	12.24	49.45	1.11	8.24	89.87	0.93	44.13
5.38	12.24	49.45	1.76	8.34	99.25	0.99	44.13
5.382	12.24	49.45	1.03	8.33	102.59	1.01	44.13
5.383	12.24	49.45	1.22	8.28	98.22	1.05	44.13
5.385	12.24	49.45	0.76	8.13	85.21	0.89	44.13
5.387	12.24	49.45	1.3	8.11	68.54	0.96	44.13
5.39	12.24	49.45	0.88	8.11	76.86	0.92	44.13

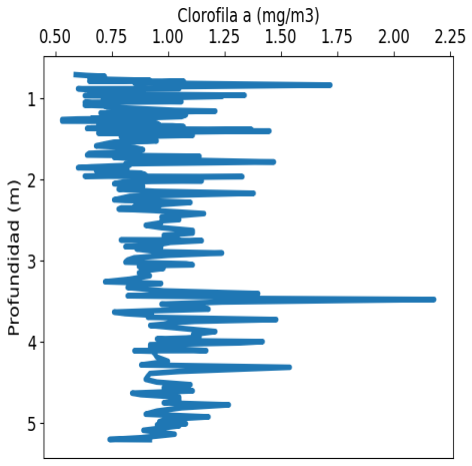
Nombre: CTD E05 - Punto 008 **Fecha: 16/01/2024** **Hora: 09:01:28**

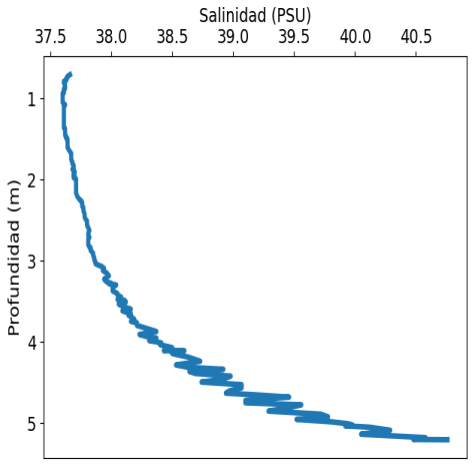


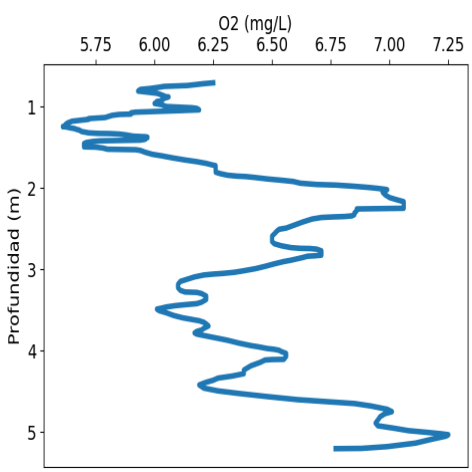


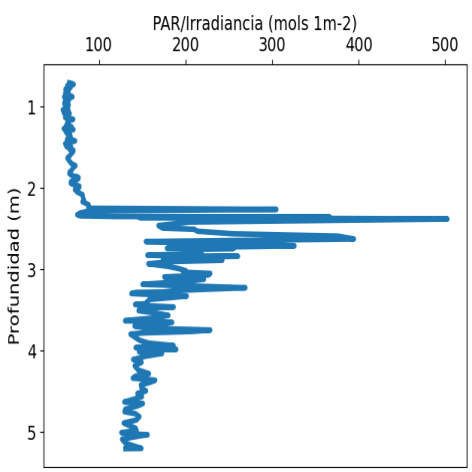












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.88	44.55	0.23	5.61	58.14	0.53	37.6
PROF (metros)	5.201	0.938	1.24	1.247	1.042	1.262	0.938
MÁXIMO	13.85	13.85	0.95	7.25	502.72	2.18	40.76
PROF (metros)	0.789	5.201	3.795	5.03	2.382	3.476	5.201

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.84	44.56	0.47	6.04	64.32	0.85	37.62
1 - 2m	13.81	44.55	0.43	5.99	66.49	0.85	37.64
2 - 3m	13.68	44.57	0.48	6.73	182.57	0.95	37.78
3 - 4m	13.54	44.75	0.56	6.21	172.83	1.06	38.1
4 - 5m	13.3	45.4	0.61	6.61	145.28	1.02	38.96
5 - 6m	12.99	46.39	0.55	7.09	138.17	0.95	40.24

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	13.82	44.59	0.72	6.25	65.6	0.59	37.66
0.72	13.82	44.58	0.72	6.21	69.33	0.64	37.65
0.73	13.83	44.57	0.72	6.18	71.0	0.72	37.64
0.743	13.83	44.57	0.72	6.14	63.44	0.65	37.64
0.754	13.84	44.58	0.34	6.04	65.83	0.7	37.63
0.764	13.84	44.57	0.46	6.02	67.52	0.68	37.63
0.78	13.84	44.58	0.42	5.98	62.14	0.92	37.63
0.789	13.85	44.57	0.42	5.95	65.7	0.65	37.62
0.791	13.85	44.57	0.3	5.94	61.18	1.07	37.61
0.811	13.85	44.57	0.46	5.93	65.09	0.85	37.61
0.838	13.84	44.56	0.46	6.01	60.89	1.72	37.62
0.858	13.84	44.56	0.27	6.03	64.61	1.05	37.62
0.882	13.84	44.56	0.42	6.05	69.62	1.05	37.62
0.883	13.85	44.56	0.46	6.06	59.7	0.6	37.61
0.888	13.85	44.56	0.42	6.05	60.63	0.63	37.61
0.904	13.85	44.56	0.42	6.04	66.54	0.84	37.61
0.921	13.85	44.56	0.5	6.03	64.03	0.89	37.61
0.934	13.85	44.56	0.3	6.03	64.68	0.74	37.61
0.938	13.85	44.55	0.27	6.01	60.52	0.65	37.6
0.947	13.85	44.55	0.3	6.01	63.54	0.71	37.6
0.963	13.85	44.55	0.42	6.0	62.6	1.34	37.6
0.968	13.85	44.55	0.53	6.01	59.95	0.63	37.6
0.978	13.85	44.55	0.65	6.03	65.23	1.24	37.6
1.001	13.85	44.55	0.42	6.05	61.06	0.85	37.6
1.016	13.85	44.55	0.42	6.16	64.55	0.76	37.6
1.024	13.85	44.55	0.42	6.18	63.07	0.71	37.6
1.042	13.85	44.55	0.46	6.19	58.14	1.06	37.6
1.051	13.85	44.55	0.27	6.11	64.96	0.63	37.6
1.07	13.84	44.55	0.38	5.92	60.7	0.71	37.61
1.078	13.84	44.56	0.34	5.9	59.36	0.65	37.62
1.085	13.84	44.56	0.3	5.9	66.36	0.63	37.62
1.094	13.84	44.55	0.57	5.9	61.78	0.72	37.61
1.098	13.84	44.55	0.3	5.85	63.78	0.72	37.61
1.109	13.84	44.55	0.5	5.82	61.1	0.73	37.61
1.136	13.84	44.56	0.46	5.79	60.9	0.93	37.61
1.149	13.84	44.55	0.53	5.72	67.56	1.03	37.61

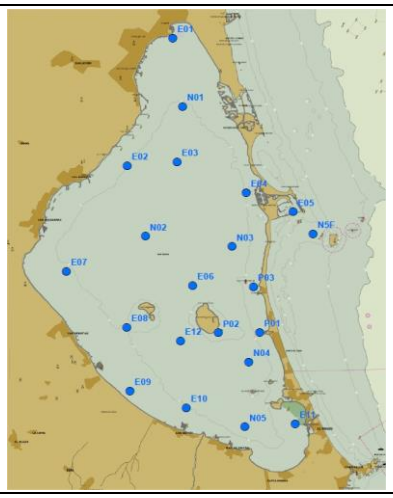
1.158	13.84	44.55	0.3	5.72	70.4	1.21	37.61
1.177	13.84	44.55	0.46	5.66	64.92	0.86	37.61
1.181	13.84	44.55	0.42	5.65	64.03	0.7	37.61
1.203	13.84	44.55	0.46	5.63	63.26	1.08	37.61
1.226	13.84	44.56	0.53	5.62	64.97	1.06	37.61
1.24	13.84	44.55	0.23	5.62	61.83	0.91	37.61
1.247	13.84	44.55	0.3	5.61	64.43	0.66	37.61
1.249	13.84	44.55	0.42	5.61	66.43	0.66	37.61
1.25	13.84	44.55	0.3	5.62	68.54	0.78	37.61
1.255	13.84	44.55	0.27	5.63	65.47	0.6	37.61
1.262	13.84	44.55	0.46	5.64	64.04	0.53	37.61
1.272	13.84	44.55	0.53	5.66	59.27	0.53	37.61
1.282	13.84	44.55	0.53	5.67	60.19	0.53	37.61
1.283	13.84	44.55	0.3	5.67	70.7	0.76	37.61
1.29	13.84	44.55	0.34	5.68	66.62	0.91	37.61
1.308	13.84	44.55	0.46	5.69	61.71	0.95	37.61
1.324	13.84	44.55	0.34	5.72	64.56	0.96	37.61
1.331	13.84	44.55	0.34	5.76	63.67	0.69	37.61
1.333	13.84	44.55	0.42	5.81	63.1	0.71	37.61
1.339	13.84	44.55	0.38	5.85	64.09	1.02	37.61
1.35	13.84	44.55	0.42	5.88	67.08	1.07	37.61
1.365	13.83	44.55	0.46	5.91	66.59	0.66	37.61
1.372	13.83	44.56	0.34	5.96	67.19	0.64	37.62
1.376	13.83	44.56	0.53	5.97	65.21	0.79	37.62
1.384	13.83	44.55	0.46	5.97	66.29	1.37	37.62
1.393	13.83	44.55	0.38	5.96	68.04	1.14	37.62
1.398	13.83	44.55	0.5	5.96	66.68	1.15	37.62
1.403	13.83	44.55	0.46	5.96	63.08	1.45	37.62
1.413	13.83	44.55	0.38	5.94	63.67	1.14	37.62
1.422	13.83	44.55	0.38	5.77	72.63	0.79	37.62
1.429	13.83	44.55	0.46	5.74	70.84	0.69	37.62
1.443	13.82	44.55	0.53	5.71	64.12	0.93	37.62
1.456	13.82	44.55	0.46	5.7	60.93	1.11	37.62
1.474	13.82	44.56	0.5	5.7	61.8	0.79	37.63
1.496	13.82	44.56	0.46	5.7	62.68	0.88	37.63
1.499	13.82	44.56	0.42	5.75	68.13	0.87	37.64
1.51	13.81	44.56	0.46	5.78	66.45	0.92	37.64
1.525	13.81	44.56	0.27	5.8	65.96	0.95	37.64
1.531	13.81	44.56	0.5	5.92	68.3	0.91	37.64
1.54	13.81	44.56	0.34	5.94	70.7	0.76	37.64
1.562	13.81	44.56	0.34	5.96	69.83	0.72	37.64
1.587	13.81	44.56	0.34	5.99	67.42	0.68	37.64
1.606	13.81	44.56	0.42	6.03	66.37	0.85	37.64
1.633	13.81	44.56	0.42	6.08	63.52	0.89	37.65
1.657	13.8	44.56	0.53	6.13	64.89	0.85	37.66
1.678	13.79	44.56	0.42	6.18	66.57	0.65	37.67
1.699	13.78	44.56	0.38	6.22	68.07	0.64	37.67
1.714	13.78	44.56	0.3	6.24	70.54	1.14	37.67
1.727	13.78	44.56	0.42	6.26	72.99	0.76	37.67
1.752	13.78	44.56	0.57	6.26	70.28	0.9	37.67
1.784	13.78	44.56	0.42	6.26	68.34	1.47	37.68
1.807	13.77	44.56	0.38	6.26	66.02	0.81	37.68
1.825	13.76	44.55	0.61	6.28	65.9	0.83	37.69
1.844	13.76	44.55	0.46	6.31	68.3	0.66	37.69
1.855	13.76	44.56	0.57	6.35	71.05	0.6	37.69
1.861	13.76	44.55	0.57	6.39	74.59	0.7	37.69
1.873	13.76	44.55	0.69	6.43	76.64	0.82	37.68
1.89	13.76	44.55	0.76	6.48	76.15	0.68	37.69

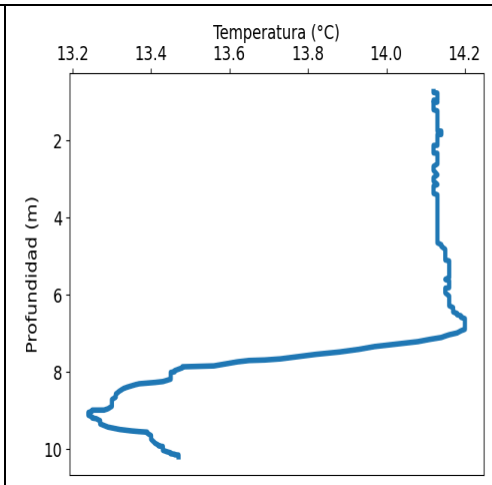
1.906	13.75	44.55	0.46	6.54	72.9	0.72	37.7
1.921	13.76	44.55	0.42	6.59	67.75	0.88	37.69
1.942	13.76	44.55	0.46	6.62	67.35	0.9	37.69
1.958	13.75	44.55	0.53	6.69	70.35	0.63	37.7
1.965	13.75	44.55	0.46	6.77	73.48	1.33	37.69
1.978	13.75	44.55	0.53	6.84	77.48	0.92	37.69
1.994	13.74	44.55	0.42	6.91	77.29	0.88	37.71
2.006	13.73	44.55	0.38	6.95	76.4	0.87	37.71
2.017	13.74	44.55	0.69	6.98	74.52	1.15	37.71
2.023	13.74	44.55	0.65	6.99	72.26	0.93	37.71
2.031	13.74	44.56	0.72	6.98	73.58	0.8	37.71
2.052	13.74	44.56	0.61	6.97	75.11	0.76	37.71
2.083	13.74	44.56	0.42	6.98	81.25	0.89	37.71
2.119	13.74	44.56	0.5	7.0	81.46	0.78	37.71
2.145	13.74	44.56	0.38	7.03	82.79	0.94	37.71
2.169	13.74	44.56	0.46	7.06	80.94	1.38	37.71
2.207	13.73	44.56	0.42	7.06	88.24	0.83	37.72
2.25	13.72	44.56	0.5	7.06	87.77	0.76	37.74
2.258	13.71	44.56	0.53	6.86	209.24	0.81	37.75
2.264	13.7	44.56	0.72	6.86	305.08	0.94	37.75
2.282	13.7	44.56	0.65	6.86	89.19	1.1	37.76
2.308	13.7	44.56	0.61	6.85	78.39	0.97	37.76
2.329	13.69	44.56	0.46	6.85	74.87	0.85	37.76
2.343	13.69	44.56	0.46	6.84	78.72	0.96	37.77
2.351	13.69	44.57	0.84	6.81	117.95	0.79	37.77
2.356	13.69	44.56	0.65	6.76	366.72	0.89	37.77
2.363	13.69	44.56	0.46	6.71	146.83	0.78	37.77
2.382	13.69	44.57	0.57	6.67	502.72	0.94	37.77
2.419	13.68	44.57	0.38	6.63	205.2	1.16	37.78
2.462	13.68	44.57	0.42	6.59	168.78	0.97	37.78
2.493	13.67	44.57	0.27	6.56	173.58	1.05	37.79
2.508	13.66	44.57	0.42	6.53	210.01	0.97	37.8
2.532	13.66	44.57	0.38	6.52	213.99	0.97	37.8
2.563	13.66	44.57	0.61	6.51	254.86	0.9	37.8
2.592	13.65	44.57	0.42	6.5	375.75	0.97	37.81
2.627	13.65	44.58	0.42	6.5	394.67	1.11	37.82
2.659	13.66	44.57	0.42	6.5	154.16	1.11	37.81
2.686	13.65	44.57	0.34	6.51	254.86	0.98	37.81
2.711	13.65	44.58	0.42	6.54	326.06	1.01	37.82
2.733	13.66	44.58	0.27	6.58	202.23	0.98	37.81
2.742	13.66	44.57	0.53	6.62	178.52	1.05	37.81
2.744	13.66	44.58	0.23	6.66	255.69	0.79	37.81
2.752	13.67	44.59	0.46	6.69	206.59	1.15	37.81
2.773	13.67	44.58	0.46	6.71	214.54	1.01	37.81
2.804	13.66	44.58	0.38	6.71	218.86	0.95	37.81
2.826	13.66	44.58	0.57	6.71	155.92	0.81	37.82
2.834	13.66	44.59	0.53	6.68	185.69	0.97	37.82
2.839	13.66	44.59	0.46	6.65	260.83	0.92	37.83
2.855	13.65	44.59	0.38	6.63	177.41	0.86	37.83
2.875	13.65	44.59	0.5	6.6	173.98	0.92	37.83
2.888	13.64	44.59	0.27	6.58	242.69	0.95	37.84
2.904	13.64	44.6	0.5	6.55	185.13	1.24	37.85
2.932	13.63	44.6	0.46	6.51	157.08	1.0	37.85
2.963	13.63	44.6	0.42	6.47	179.93	0.85	37.86
2.991	13.63	44.6	0.42	6.43	192.26	0.82	37.86
3.017	13.63	44.6	0.42	6.38	200.27	0.81	37.87
3.036	13.62	44.61	0.65	6.34	197.5	1.08	37.87
3.05	13.61	44.61	0.57	6.29	228.76	1.11	37.89

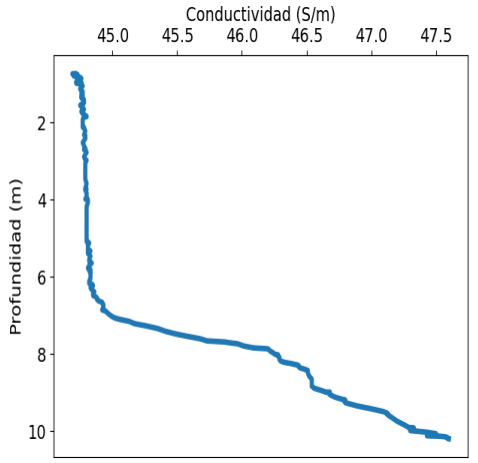
3.058	13.6	44.61	0.34	6.25	227.92	0.95	37.9
3.069	13.59	44.61	0.5	6.21	226.34	0.87	37.92
3.093	13.58	44.62	0.34	6.17	175.48	0.98	37.94
3.121	13.56	44.6	0.46	6.14	221.51	0.9	37.93
3.148	13.56	44.63	0.53	6.11	200.83	0.87	37.96
3.184	13.57	44.66	0.57	6.1	150.31	0.92	37.98
3.226	13.57	44.62	0.53	6.1	269.31	0.83	37.94
3.258	13.56	44.63	0.61	6.11	190.71	0.72	37.96
3.278	13.56	44.67	0.5	6.13	175.04	0.97	38.0
3.283	13.56	44.66	0.5	6.18	142.81	0.85	37.98
3.297	13.56	44.71	0.5	6.2	137.42	0.89	38.04
3.328	13.55	44.67	0.5	6.22	201.62	0.82	38.01
3.37	13.55	44.66	0.61	6.22	158.47	0.98	38.01
3.403	13.54	44.7	0.53	6.2	155.27	1.4	38.05
3.421	13.54	44.7	0.65	6.18	154.87	0.93	38.05
3.431	13.54	44.71	0.38	6.14	141.72	0.82	38.06
3.445	13.54	44.74	0.46	6.09	151.01	1.31	38.08
3.462	13.54	44.71	0.42	6.05	186.51	1.3	38.06
3.476	13.54	44.7	0.42	6.03	151.29	2.18	38.05
3.488	13.53	44.76	0.46	6.01	146.63	1.79	38.11
3.507	13.53	44.76	0.46	6.02	145.82	1.24	38.12
3.533	13.52	44.7	0.42	6.05	163.43	0.97	38.06
3.565	13.52	44.74	0.53	6.08	180.43	1.14	38.1
3.595	13.54	44.81	0.61	6.12	166.64	1.18	38.16
3.616	13.54	44.75	0.42	6.16	143.24	0.91	38.09
3.631	13.54	44.77	0.46	6.19	130.16	0.76	38.12
3.65	13.53	44.81	0.53	6.21	184.75	0.81	38.16
3.67	13.53	44.78	0.5	6.22	174.71	0.93	38.14
3.695	13.53	44.82	0.5	6.23	141.1	0.91	38.17
3.723	13.53	44.84	0.65	6.21	156.28	1.48	38.19
3.745	13.53	44.81	0.69	6.2	228.76	1.12	38.16
3.762	13.52	44.86	0.57	6.18	208.17	1.01	38.21
3.78	13.52	44.84	0.76	6.17	151.64	0.98	38.21
3.795	13.51	44.84	0.95	6.18	136.37	0.92	38.21
3.87	13.48	44.97	0.92	6.31	146.83	1.21	38.37
3.906	13.46	44.82	0.8	6.36	157.44	1.11	38.23
3.936	13.46	44.89	0.72	6.41	186.43	1.14	38.3
3.95	13.48	44.98	0.76	6.44	153.02	1.08	38.37
3.961	13.5	44.98	0.76	6.46	142.34	0.95	38.36
3.972	13.5	44.95	0.61	6.48	150.0	1.01	38.33
3.982	13.49	44.92	0.53	6.51	189.48	1.03	38.31
3.994	13.49	44.97	0.5	6.53	148.55	1.42	38.36
4.01	13.48	45.02	0.46	6.54	146.26	1.32	38.41
4.032	13.47	45.0	0.57	6.56	173.1	0.92	38.4
4.069	13.46	45.09	0.72	6.56	152.38	0.92	38.5
4.105	13.44	44.99	0.65	6.55	140.97	1.17	38.43
4.107	13.44	45.17	0.5	6.5	139.5	0.85	38.6
4.113	13.43	45.04	0.5	6.47	144.34	0.93	38.49
4.141	13.41	45.03	0.53	6.45	149.41	0.94	38.5
4.184	13.38	45.15	0.72	6.41	141.26	0.95	38.63
4.236	13.36	45.22	0.76	6.38	145.41	1.0	38.73
4.281	13.34	44.99	0.8	6.38	157.88	0.88	38.53
4.31	13.33	45.09	0.8	6.33	142.77	1.54	38.63
4.335	13.36	45.42	0.57	6.27	139.12	1.3	38.92
4.361	13.35	45.12	0.53	6.25	165.11	1.05	38.64
4.386	13.31	45.13	0.61	6.22	159.32	0.92	38.69
4.419	13.33	45.45	0.57	6.19	148.37	0.91	38.98
4.458	13.34	45.39	0.72	6.21	149.24	0.9	38.91

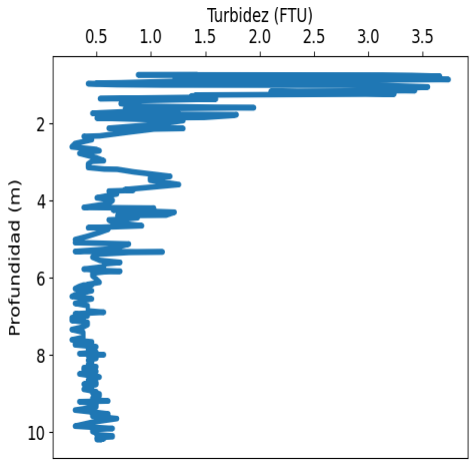
4.492	13.3	45.17	0.76	6.27	154.55	0.95	38.74
4.524	13.27	45.48	0.61	6.36	144.37	1.1	39.07
4.562	13.27	45.48	0.61	6.48	149.9	0.98	39.07
4.6	13.26	45.37	0.76	6.61	138.54	1.11	38.97
4.628	13.24	45.32	0.65	6.75	129.29	0.84	38.94
4.647	13.25	45.55	0.57	6.85	150.91	0.88	39.16
4.677	13.26	45.87	0.53	6.92	144.24	1.05	39.46
4.718	13.21	45.45	0.65	6.99	130.28	1.05	39.1
4.747	13.16	45.39	0.57	7.01	129.5	0.98	39.1
4.772	13.21	45.93	0.46	6.98	142.21	1.27	39.56
4.808	13.23	45.83	0.3	6.96	146.87	1.06	39.45
4.849	13.16	45.58	0.57	6.95	143.4	0.95	39.29
4.887	13.14	46.01	0.57	6.94	128.6	0.9	39.72
4.92	13.17	46.1	0.65	6.95	135.8	1.18	39.78
4.951	13.15	45.82	0.61	7.02	142.54	0.99	39.52
4.98	13.12	46.07	0.61	7.08	143.6	0.96	39.8
5.004	13.08	46.18	0.42	7.17	125.86	1.08	39.94
5.019	13.07	46.2	0.46	7.22	136.02	0.95	39.98
5.03	13.06	46.14	0.61	7.25	156.39	1.05	39.92
5.047	13.05	46.33	0.69	7.24	145.72	1.0	40.12
5.085	13.02	46.46	0.57	7.18	126.68	0.89	40.29
5.133	12.97	46.17	0.65	7.11	130.59	1.03	40.05
5.176	12.93	46.67	0.5	6.99	142.54	0.88	40.58
5.198	12.89	46.53	0.5	6.88	149.24	0.74	40.48
5.201	12.88	46.79	0.57	6.77	130.53	0.92	40.76

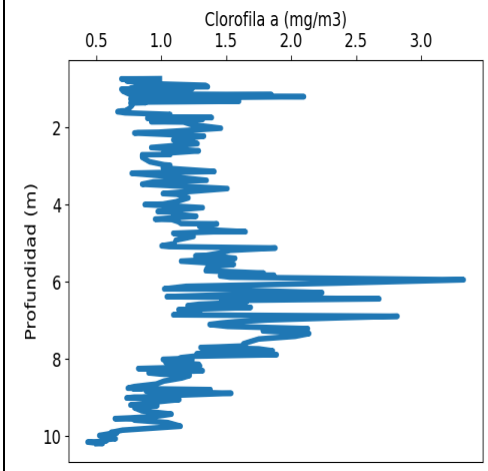
Nombre: CTD N5F - Punto 009 **Fecha: 16/01/2024** **Hora: 09:01:59**

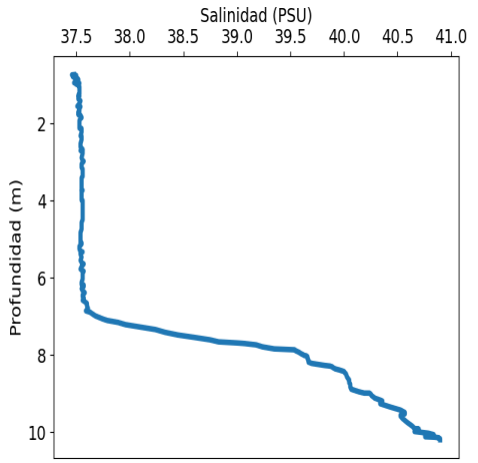


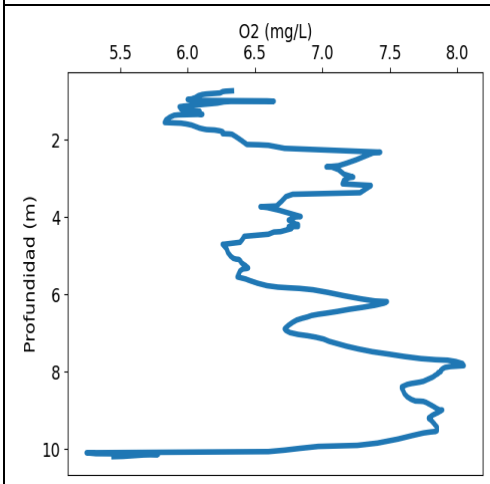


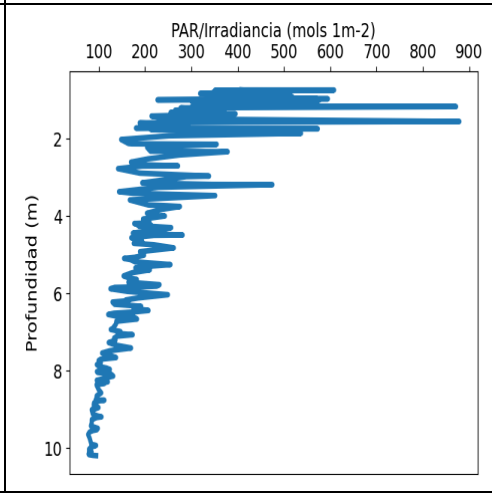












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.24	44.69	0.27	5.25	76.93	0.43	37.46
PROF (metros)	9.046	0.745	2.608	10.089	9.642	10.146	0.745
MÁXIMO	14.2	14.2	3.74	8.05	879.05	3.33	40.9
PROF (metros)	6.616	10.189	0.865	7.838	1.557	5.946	10.164

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.13	44.73	1.77	6.18	422.69	0.94	37.49
1 - 2m	14.13	44.77	1.55	6.1	363.19	1.0	37.53
10 - 11m	13.46	47.53	0.55	5.76	82.39	0.54	40.85
2 - 3m	14.12	44.78	0.6	7.01	229.38	1.05	37.55
3 - 4m	14.13	44.79	0.75	6.92	247.45	1.07	37.55
4 - 5m	14.13	44.8	0.71	6.54	207.59	1.21	37.55
5 - 6m	14.16	44.82	0.56	6.51	180.41	1.5	37.55
6 - 7m	14.18	44.88	0.4	7.05	158.52	1.62	37.58
7 - 8m	13.78	45.67	0.39	7.54	123.86	1.6	38.73
8 - 9m	13.36	46.46	0.44	7.74	102.91	1.06	39.92
9 - 10m	13.34	47.03	0.5	7.64	87.89	0.83	40.49

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.739	14.12	44.71	1.41	6.33	408.16	0.99	37.48
0.743	14.12	44.7	0.88	6.31	412.06	0.86	37.47
0.745	14.12	44.69	1.6	6.3	608.51	0.69	37.46
0.749	14.12	44.7	3.13	6.28	351.24	0.83	37.47
0.759	14.12	44.73	3.4	6.26	393.67	0.87	37.5
0.779	14.13	44.72	3.66	6.25	440.71	0.79	37.49
0.795	14.13	44.7	3.4	6.24	347.44	0.73	37.47
0.82	14.13	44.73	1.22	6.14	484.98	0.78	37.49
0.834	14.13	44.75	3.05	6.11	318.74	0.79	37.51
0.865	14.13	44.76	3.74	6.08	434.02	0.87	37.52
0.911	14.13	44.75	1.22	6.06	517.74	1.34	37.51
0.949	14.13	44.72	0.72	6.03	367.31	1.36	37.48
0.957	14.13	44.74	0.5	6.01	569.88	0.83	37.51
0.961	14.12	44.76	0.61	6.0	392.58	1.11	37.53
0.972	14.12	44.73	0.42	6.01	595.12	1.1	37.51
0.986	14.12	44.72	0.5	6.04	316.97	0.76	37.5
0.999	14.13	44.76	0.69	6.59	226.6	1.24	37.52
1.008	14.13	44.75	1.11	6.64	576.12	0.72	37.52
1.012	14.12	44.75	2.75	6.32	487.46	0.69	37.52
1.023	14.12	44.75	3.17	6.27	300.17	0.83	37.52
1.056	14.12	44.77	3.55	6.22	377.32	0.7	37.53
1.136	14.12	44.75	3.13	5.97	410.82	0.75	37.53
1.152	14.12	44.76	3.43	5.94	301.98	1.85	37.53
1.172	14.12	44.76	2.1	5.95	871.95	1.11	37.53
1.205	14.12	44.77	2.63	5.95	276.78	2.1	37.53
1.24	14.13	44.76	3.24	5.97	317.12	0.9	37.53
1.266	14.13	44.76	1.41	6.09	264.91	0.76	37.52
1.269	14.13	44.77	1.53	6.08	371.94	1.38	37.52
1.29	14.13	44.77	1.37	6.08	286.7	0.94	37.53
1.324	14.13	44.76	1.49	6.07	255.03	1.6	37.52
1.345	14.13	44.77	0.84	6.11	322.83	0.84	37.52

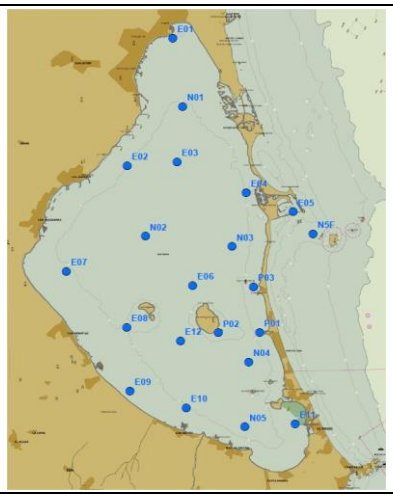
1.36	14.13	44.76	0.53	5.93	395.68	0.88	37.52
1.371	14.13	44.76	1.6	5.9	362.41	0.76	37.52
1.417	14.13	44.78	0.76	5.87	213.75	0.78	37.54
1.489	14.13	44.78	0.72	5.84	245.64	0.76	37.53
1.557	14.13	44.75	0.92	5.83	879.05	0.73	37.51
1.568	14.13	44.77	1.18	5.91	543.94	0.74	37.54
1.574	14.13	44.77	1.37	5.95	404.3	0.69	37.53
1.594	14.13	44.76	1.95	5.99	188.29	0.66	37.53
1.624	14.13	44.77	0.76	6.03	238.01	0.72	37.53
1.665	14.13	44.78	0.95	6.06	293.15	1.07	37.53
1.703	14.13	44.76	0.72	6.09	250.46	1.04	37.52
1.727	14.13	44.76	0.53	6.12	180.14	0.98	37.52
1.74	14.13	44.77	0.46	6.14	248.38	1.01	37.53
1.746	14.13	44.77	1.22	6.18	573.32	1.39	37.52
1.751	14.13	44.77	1.26	6.2	292.34	0.95	37.53
1.763	14.14	44.77	1.11	6.22	212.46	0.89	37.52
1.774	14.14	44.77	1.79	6.24	230.74	1.08	37.52
1.795	14.14	44.78	1.76	6.26	388.95	1.32	37.54
1.846	14.14	44.8	1.49	6.26	298.43	1.05	37.55
1.853	14.13	44.8	1.18	6.31	426.15	0.92	37.55
1.862	14.13	44.78	0.5	6.33	537.05	1.17	37.54
1.927	14.13	44.77	1.3	6.36	251.16	1.23	37.53
2.022	14.13	44.77	1.07	6.4	148.1	1.46	37.53
2.125	14.13	44.77	0.61	6.44	164.11	0.98	37.53
2.133	14.12	44.78	1.3	6.53	171.26	0.82	37.55
2.146	14.12	44.78	1.03	6.6	354.84	0.79	37.55
2.225	14.12	44.79	0.8	6.72	204.35	1.33	37.55
2.324	14.12	44.78	0.53	7.43	211.77	1.09	37.54
2.337	14.13	44.79	0.38	7.38	378.64	1.19	37.55
2.421	14.13	44.79	0.46	7.32	274.67	1.28	37.55
2.522	14.13	44.77	0.3	7.25	206.63	0.92	37.54
2.608	14.13	44.78	0.27	7.18	169.33	1.29	37.54
2.674	14.12	44.79	0.5	7.12	192.93	1.01	37.56
2.704	14.12	44.78	0.5	7.03	271.38	1.07	37.54
2.708	14.12	44.79	0.53	7.07	193.87	0.85	37.56
2.775	14.12	44.8	0.34	7.12	141.39	0.85	37.56
2.891	14.13	44.78	0.5	7.16	188.86	0.91	37.55
2.967	14.12	44.79	0.57	7.23	338.38	1.02	37.56
2.981	14.12	44.8	0.46	7.2	288.97	1.07	37.57
3.051	14.12	44.79	0.42	7.16	249.48	1.01	37.55
3.142	14.13	44.79	0.42	7.15	193.69	1.41	37.55
3.183	14.12	44.79	0.57	7.36	344.31	0.79	37.56
3.189	14.12	44.79	0.69	7.36	475.19	0.77	37.56
3.256	14.12	44.79	0.84	7.33	228.82	1.01	37.56
3.371	14.12	44.79	1.18	7.28	143.6	1.35	37.56
3.411	14.13	44.79	0.99	6.78	174.83	0.94	37.55
3.471	14.13	44.79	0.99	6.73	351.73	0.85	37.55
3.584	14.13	44.8	1.26	6.7	166.84	1.51	37.55
3.714	14.13	44.79	0.76	6.66	207.5	1.01	37.55
3.733	14.13	44.8	0.84	6.54	246.49	1.12	37.56
3.753	14.13	44.79	0.61	6.59	275.5	1.14	37.55
3.825	14.13	44.8	0.69	6.68	236.69	1.21	37.55
3.927	14.13	44.8	0.5	6.78	203.92	1.11	37.55
3.986	14.13	44.79	0.65	6.84	217.64	1.01	37.55
3.998	14.13	44.81	0.65	6.8	242.92	0.87	37.56
4.078	14.13	44.81	0.61	6.75	195.41	1.32	37.56
4.177	14.13	44.8	0.38	6.8	210.21	0.97	37.56
4.193	14.13	44.8	1.03	6.82	176.5	1.08	37.56

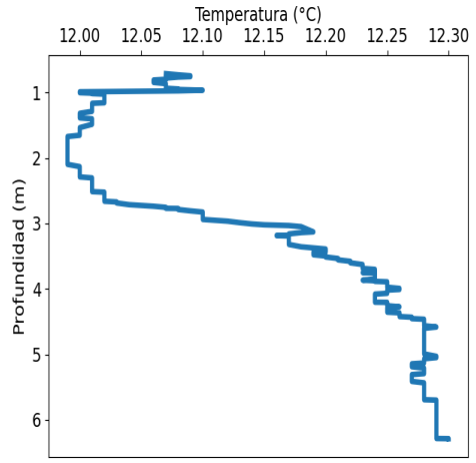
4.244	14.13	44.8	0.65	6.82	213.7	1.12	37.56
4.246	14.13	44.8	0.69	6.75	184.79	1.09	37.56
4.299	14.13	44.8	1.22	6.77	256.58	1.27	37.56
4.376	14.13	44.8	1.14	6.69	228.92	0.95	37.56
4.387	14.13	44.8	0.69	6.64	202.41	1.08	37.56
4.443	14.13	44.8	0.88	6.6	173.38	1.13	37.56
4.49	14.13	44.8	0.69	6.44	281.24	1.15	37.56
4.498	14.13	44.8	0.61	6.42	219.11	1.43	37.56
4.561	14.13	44.8	0.65	6.41	170.04	1.29	37.55
4.651	14.13	44.8	0.92	6.39	193.87	1.36	37.55
4.702	14.14	44.8	0.42	6.27	185.22	1.65	37.55
4.703	14.14	44.8	0.57	6.26	175.36	1.4	37.55
4.741	14.14	44.8	0.61	6.27	218.66	1.09	37.55
4.822	14.15	44.8	0.53	6.29	262.23	1.25	37.54
4.92	14.15	44.8	0.42	6.3	188.91	1.11	37.54
5.01	14.15	44.8	0.3	6.32	197.91	1.1	37.54
5.067	14.15	44.8	0.34	6.34	177.2	1.0	37.54
5.087	14.15	44.8	0.3	6.36	161.17	1.06	37.54
5.094	14.15	44.81	0.42	6.38	154.37	1.21	37.55
5.123	14.16	44.82	0.8	6.39	168.08	1.88	37.55
5.183	14.16	44.81	0.72	6.4	178.64	1.53	37.53
5.254	14.16	44.81	0.61	6.43	255.03	1.45	37.53
5.315	14.16	44.81	0.3	6.45	188.12	1.34	37.54
5.328	14.16	44.83	1.11	6.44	188.42	1.26	37.56
5.341	14.16	44.81	0.8	6.41	178.93	1.43	37.54
5.389	14.16	44.81	0.5	6.39	210.5	1.57	37.54
5.463	14.16	44.83	0.46	6.38	172.58	1.15	37.55
5.547	14.16	44.82	0.53	6.37	153.45	1.56	37.54
5.599	14.15	44.82	0.72	6.43	165.57	1.4	37.55
5.639	14.16	44.84	0.57	6.46	182.41	1.35	37.57
5.71	14.16	44.82	0.57	6.52	163.85	1.34	37.55
5.773	14.16	44.81	0.38	6.59	231.32	1.79	37.54
5.81	14.16	44.83	0.57	6.67	225.29	1.47	37.56
5.828	14.15	44.83	0.72	6.75	194.55	1.87	37.57
5.843	14.15	44.82	0.57	6.83	134.52	1.45	37.56
5.878	14.15	44.83	0.46	6.93	125.05	1.53	37.56
5.946	14.15	44.83	0.46	7.04	162.07	3.33	37.56
6.032	14.16	44.83	0.5	7.16	249.48	2.34	37.56
6.115	14.16	44.82	0.53	7.29	184.88	1.19	37.55
6.168	14.16	44.82	0.42	7.39	158.14	1.05	37.55
6.182	14.16	44.83	0.46	7.46	160.39	1.02	37.56
6.185	14.16	44.84	0.38	7.48	164.95	1.56	37.57
6.222	14.16	44.85	0.34	7.46	129.56	1.68	37.57
6.279	14.16	44.83	0.3	7.39	134.11	2.24	37.55
6.331	14.17	44.84	0.46	7.3	191.68	1.52	37.56
6.383	14.17	44.86	0.38	7.2	174.79	1.04	37.58
6.439	14.17	44.85	0.3	7.11	207.64	2.68	37.56
6.482	14.18	44.85	0.27	7.03	170.43	1.46	37.56
6.511	14.18	44.87	0.38	6.97	132.72	1.66	37.57
6.543	14.19	44.88	0.46	6.92	120.22	1.54	37.57
6.579	14.19	44.88	0.38	6.89	135.27	1.29	37.56
6.616	14.2	44.89	0.38	6.85	176.46	1.2	37.58
6.66	14.2	44.92	0.3	6.81	182.83	1.69	37.6
6.719	14.2	44.93	0.42	6.78	137.9	1.13	37.6
6.793	14.2	44.93	0.42	6.75	137.1	1.3	37.61
6.853	14.2	44.92	0.42	6.73	133.06	1.09	37.59
6.889	14.2	44.95	0.57	6.72	133.15	2.82	37.63
6.93	14.19	44.96	0.3	6.73	125.72	2.36	37.65

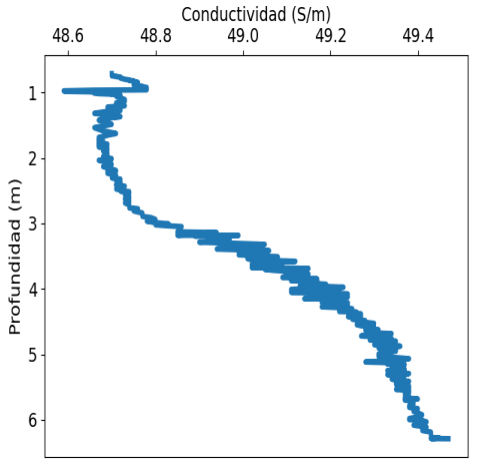
6.985	14.18	44.98	0.42	6.76	146.9	1.82	37.68
7.032	14.16	45.0	0.27	6.82	141.13	1.57	37.72
7.065	14.15	45.02	0.38	6.89	173.42	1.46	37.75
7.102	14.14	45.06	0.27	6.95	139.92	1.37	37.79
7.152	14.11	45.13	0.42	7.01	133.03	1.51	37.89
7.21	14.08	45.17	0.42	7.05	136.12	2.13	37.96
7.268	14.03	45.26	0.38	7.11	121.28	1.78	38.09
7.337	13.97	45.35	0.27	7.18	137.64	2.14	38.24
7.409	13.93	45.41	0.38	7.27	169.96	2.03	38.33
7.478	13.88	45.49	0.38	7.37	124.55	1.75	38.45
7.539	13.82	45.58	0.38	7.49	106.99	1.69	38.6
7.603	13.77	45.68	0.27	7.61	124.87	1.63	38.75
7.656	13.73	45.73	0.46	7.73	137.58	1.65	38.83
7.685	13.69	45.87	0.46	7.84	115.87	1.43	39.01
7.698	13.65	45.89	0.3	7.93	104.08	1.3	39.07
7.733	13.62	45.97	0.3	7.99	99.45	1.75	39.18
7.785	13.59	46.01	0.5	8.04	104.56	1.86	39.24
7.838	13.56	46.09	0.42	8.05	95.59	1.53	39.35
7.861	13.48	46.2	0.46	7.95	100.75	1.27	39.54
7.885	13.48	46.21	0.42	7.91	99.96	1.89	39.55
7.924	13.47	46.22	0.5	7.89	115.92	1.25	39.58
7.961	13.46	46.24	0.34	7.88	124.09	1.15	39.6
7.989	13.46	46.25	0.57	7.88	118.17	1.13	39.62
8.007	13.45	46.26	0.46	7.87	118.75	1.01	39.63
8.018	13.45	46.28	0.42	7.86	95.74	1.24	39.65
8.04	13.45	46.28	0.46	7.86	97.54	1.21	39.66
8.082	13.45	46.29	0.5	7.84	126.24	1.03	39.66
8.133	13.45	46.29	0.42	7.82	131.41	1.29	39.67
8.18	13.45	46.3	0.46	7.79	115.17	1.3	39.67
8.213	13.44	46.33	0.46	7.77	105.8	1.16	39.7
8.243	13.43	46.38	0.42	7.75	95.43	0.82	39.77
8.266	13.41	46.41	0.42	7.72	107.66	1.02	39.82
8.282	13.39	46.43	0.42	7.69	119.69	1.18	39.87
8.3	13.37	46.44	0.5	7.66	108.86	1.32	39.89
8.324	13.36	46.44	0.38	7.63	112.09	1.13	39.9
8.355	13.35	46.45	0.42	7.61	95.06	0.9	39.92
8.385	13.34	46.48	0.38	7.59	95.74	0.99	39.96
8.422	13.33	46.51	0.5	7.59	97.47	1.22	40.0
8.486	13.32	46.51	0.34	7.6	99.8	1.16	40.02
8.567	13.31	46.52	0.53	7.61	105.41	1.02	40.03
8.644	13.31	46.54	0.42	7.63	95.32	0.96	40.05
8.71	13.3	46.54	0.5	7.66	95.3	0.79	40.05
8.751	13.3	46.54	0.38	7.69	93.1	0.74	40.06
8.757	13.3	46.54	0.5	7.73	112.27	0.85	40.06
8.763	13.3	46.54	0.46	7.75	102.0	0.78	40.06
8.788	13.3	46.54	0.42	7.77	98.28	1.38	40.06
8.826	13.3	46.54	0.46	7.79	89.54	0.88	40.06
8.883	13.3	46.56	0.38	7.82	88.98	1.54	40.07
8.947	13.29	46.62	0.5	7.85	99.5	1.01	40.14
8.982	13.28	46.65	0.46	7.87	92.02	0.85	40.19
8.983	13.25	46.68	0.5	7.89	87.39	0.79	40.24
9.005	13.25	46.67	0.53	7.88	84.68	0.73	40.25
9.046	13.24	46.68	0.53	7.86	85.68	1.14	40.26
9.113	13.24	46.72	0.46	7.82	87.02	0.94	40.29
9.163	13.25	46.77	0.5	7.8	97.22	0.85	40.34
9.187	13.25	46.8	0.61	7.79	106.07	0.76	40.36
9.204	13.26	46.79	0.34	7.79	95.5	0.97	40.34
9.257	13.27	46.8	0.5	7.81	84.87	0.79	40.34

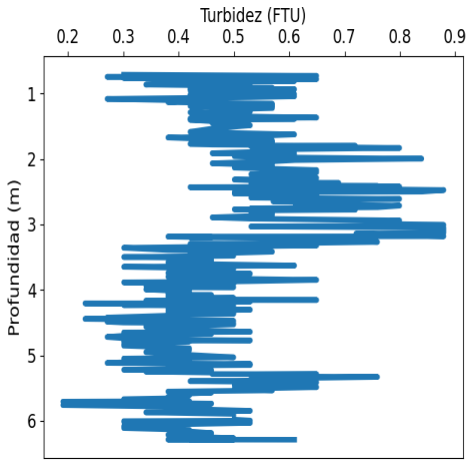
9.339	13.27	46.89	0.5	7.83	84.78	0.85	40.43
9.422	13.29	47.01	0.3	7.85	82.83	1.08	40.53
9.484	13.32	47.09	0.5	7.85	98.15	0.95	40.57
9.521	13.35	47.12	0.61	7.85	95.59	0.76	40.57
9.539	13.37	47.12	0.46	7.84	87.82	0.64	40.54
9.553	13.39	47.13	0.57	7.8	84.81	0.85	40.53
9.578	13.39	47.13	0.46	7.75	80.15	0.79	40.53
9.642	13.4	47.16	0.69	7.67	76.93	1.05	40.55
9.736	13.4	47.2	0.46	7.56	80.22	1.15	40.59
9.838	13.41	47.26	0.3	7.41	82.58	0.7	40.64
9.898	13.42	47.29	0.65	7.26	83.97	0.61	40.66
9.911	13.42	47.33	0.57	7.11	89.62	0.66	40.7
9.925	13.43	47.31	0.46	6.97	94.29	0.61	40.67
9.976	13.43	47.3	0.46	6.83	82.79	0.52	40.66
10.021	13.43	47.43	0.5	6.72	78.97	0.6	40.79
10.059	13.44	47.5	0.5	6.6	79.1	0.65	40.84
10.089	13.45	47.43	0.65	5.25	84.56	0.55	40.76
10.112	13.45	47.43	0.65	5.32	80.8	0.58	40.76
10.124	13.46	47.53	0.57	5.72	82.81	0.56	40.85
10.134	13.46	47.56	0.5	5.78	78.7	0.52	40.88
10.138	13.46	47.57	0.53	5.73	82.74	0.5	40.88
10.146	13.47	47.58	0.53	5.67	77.86	0.43	40.89
10.164	13.47	47.59	0.57	5.6	78.93	0.48	40.9
10.182	13.47	47.59	0.5	5.52	87.47	0.55	40.9
10.189	13.47	47.6	0.53	5.45	94.31	0.5	40.9

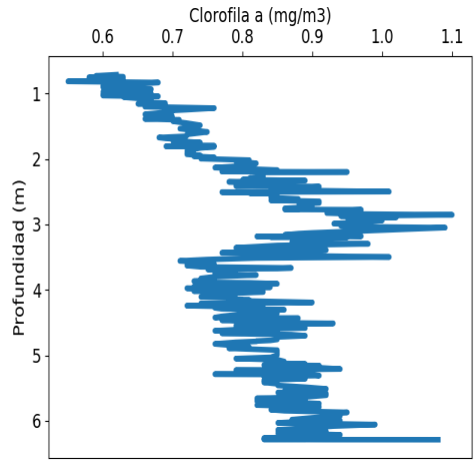
Nombre: CTD N03 - Punto 010 **Fecha: 16/01/2024** **Hora: 10:01:52**

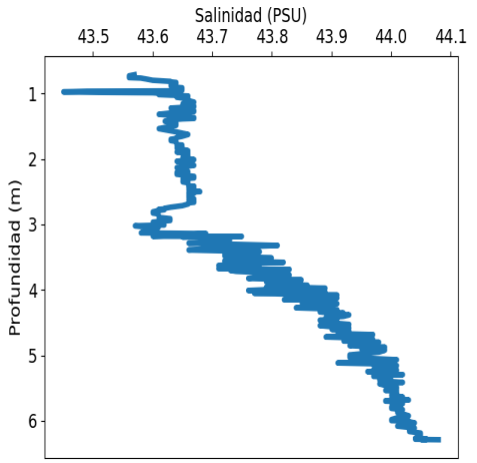


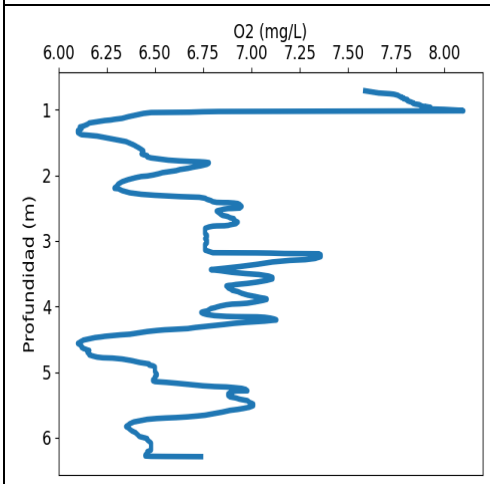


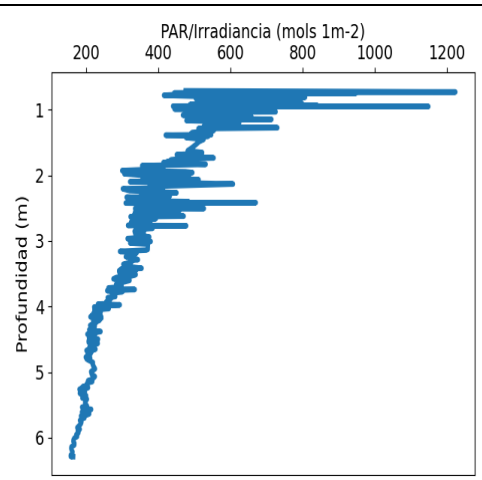


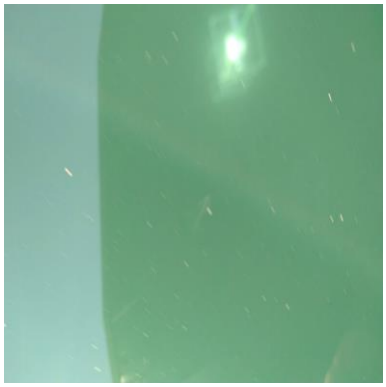












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.99	48.59	0.19	6.1	157.23	0.55	43.45
PROF (metros)	1.672	0.974	5.708	1.317	6.287	0.814	0.974
MÁXIMO	12.3	12.3	0.88	8.1	1223.4	1.1	44.08
PROF (metros)	6.288	6.29	2.474	1.016	0.729	2.853	6.29

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.07	48.73	0.48	7.82	645.5	0.62	43.6
1 - 2m	12.0	48.69	0.52	6.52	505.02	0.7	43.65
2 - 3m	12.03	48.73	0.61	6.73	380.92	0.87	43.65
3 - 4m	12.21	49.03	0.51	6.98	303.53	0.83	43.74
4 - 5m	12.26	49.25	0.4	6.54	220.11	0.81	43.9
5 - 6m	12.28	49.37	0.45	6.69	194.54	0.87	44.0
6 - 7m	12.29	49.43	0.42	6.51	162.18	0.9	44.04

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	12.07	48.7	0.3	7.59	475.63	0.62	43.57
0.729	12.08	48.7	0.65	7.63	1223.4	0.59	43.56
0.744	12.09	48.7	0.27	7.66	443.99	0.63	43.56
0.751	12.09	48.71	0.46	7.7	946.73	0.58	43.56
0.756	12.09	48.71	0.61	7.72	540.3	0.58	43.56
0.763	12.08	48.72	0.3	7.74	469.82	0.6	43.58
0.779	12.07	48.72	0.65	7.76	415.42	0.63	43.59
0.797	12.07	48.73	0.38	7.77	525.84	0.63	43.6
0.808	12.06	48.74	0.61	7.78	807.0	0.62	43.62
0.814	12.06	48.74	0.42	7.78	512.37	0.55	43.63
0.821	12.06	48.75	0.53	7.79	773.66	0.6	43.63
0.831	12.06	48.75	0.46	7.79	504.0	0.68	43.64
0.845	12.06	48.76	0.38	7.81	658.86	0.66	43.64
0.863	12.07	48.75	0.34	7.81	794.93	0.64	43.63
0.883	12.07	48.75	0.53	7.83	566.46	0.6	43.63
0.896	12.07	48.76	0.5	7.84	694.14	0.63	43.64
0.904	12.07	48.77	0.5	7.84	663.77	0.6	43.64
0.912	12.07	48.77	0.57	7.85	799.55	0.61	43.65
0.921	12.07	48.78	0.42	7.87	487.69	0.62	43.65
0.934	12.07	48.78	0.61	7.88	840.4	0.67	43.65
0.945	12.08	48.78	0.5	7.88	440.51	0.61	43.65
0.95	12.08	48.78	0.46	7.9	1148.6	0.64	43.65
0.952	12.08	48.78	0.42	7.9	464.73	0.66	43.64
0.953	12.08	48.78	0.53	7.91	719.36	0.65	43.64
0.958	12.09	48.78	0.46	7.92	605.7	0.64	43.64
0.964	12.1	48.66	0.5	7.93	543.44	0.63	43.49
0.974	12.08	48.59	0.5	7.9	610.49	0.6	43.45
0.982	12.04	48.6	0.53	7.89	624.81	0.63	43.51
0.985	12.02	48.63	0.5	7.9	556.44	0.66	43.56
0.988	12.0	48.65	0.53	7.94	444.71	0.64	43.6
0.994	12.0	48.66	0.5	8.0	707.78	0.63	43.61
1.002	12.0	48.66	0.5	8.05	537.55	0.67	43.61
1.009	12.01	48.66	0.61	8.09	491.77	0.63	43.61
1.016	12.01	48.67	0.42	8.1	553.61	0.6	43.61
1.024	12.02	48.7	0.53	6.92	579.07	0.63	43.63

1.026	12.02	48.7	0.5	6.83	524.75	0.67	43.64
1.03	12.02	48.71	0.46	6.75	725.55	0.6	43.64
1.037	12.02	48.72	0.5	6.68	520.75	0.63	43.66
1.041	12.02	48.72	0.42	6.53	589.49	0.66	43.65
1.042	12.02	48.71	0.61	6.48	621.63	0.68	43.64
1.056	12.02	48.71	0.53	6.44	590.73	0.63	43.64
1.081	12.02	48.72	0.27	6.4	467.98	0.66	43.66
1.107	12.02	48.73	0.42	6.36	658.41	0.67	43.66
1.131	12.02	48.73	0.38	6.33	483.3	0.66	43.67
1.146	12.02	48.72	0.5	6.29	713.71	0.69	43.66
1.156	12.02	48.71	0.57	6.27	565.41	0.65	43.65
1.164	12.01	48.71	0.46	6.24	477.73	0.69	43.65
1.178	12.01	48.71	0.57	6.21	566.98	0.68	43.65
1.191	12.01	48.72	0.42	6.18	530.25	0.66	43.67
1.201	12.01	48.73	0.57	6.16	624.52	0.66	43.67
1.222	12.01	48.69	0.57	6.15	586.63	0.76	43.63
1.247	12.01	48.71	0.46	6.13	526.09	0.72	43.66
1.263	12.01	48.72	0.53	6.11	528.04	0.69	43.67
1.274	12.01	48.72	0.53	6.11	730.11	0.7	43.67
1.287	12.01	48.69	0.42	6.12	511.06	0.69	43.64
1.317	12.0	48.66	0.5	6.1	553.61	0.66	43.61
1.347	12.0	48.7	0.5	6.1	493.83	0.7	43.65
1.367	12.0	48.72	0.65	6.11	490.18	0.67	43.67
1.38	12.0	48.71	0.42	6.12	546.85	0.68	43.67
1.387	12.0	48.69	0.61	6.15	420.26	0.66	43.65
1.401	12.01	48.68	0.42	6.2	538.92	0.71	43.63
1.423	12.01	48.67	0.46	6.24	476.84	0.7	43.62
1.451	12.01	48.69	0.46	6.29	525.84	0.72	43.64
1.485	12.01	48.7	0.53	6.35	513.2	0.74	43.64
1.536	12.0	48.66	0.46	6.39	502.95	0.71	43.61
1.586	12.0	48.68	0.42	6.42	491.66	0.75	43.64
1.625	12.0	48.71	0.61	6.44	481.17	0.72	43.66
1.652	12.0	48.69	0.53	6.44	521.71	0.72	43.65
1.672	11.99	48.68	0.38	6.43	489.04	0.68	43.64
1.685	11.99	48.67	0.42	6.44	450.94	0.69	43.64
1.699	11.99	48.67	0.5	6.46	520.87	0.71	43.63
1.718	11.99	48.67	0.57	6.46	463.44	0.7	43.63
1.734	11.99	48.68	0.46	6.48	553.61	0.72	43.64
1.749	11.99	48.67	0.57	6.52	458.63	0.74	43.64
1.768	11.99	48.67	0.42	6.57	433.62	0.71	43.64
1.78	11.99	48.68	0.46	6.63	493.83	0.7	43.64
1.787	11.99	48.69	0.57	6.68	460.66	0.72	43.65
1.792	11.99	48.68	0.53	6.73	424.08	0.72	43.65
1.798	11.99	48.67	0.72	6.76	435.43	0.76	43.64
1.806	11.99	48.69	0.53	6.78	413.78	0.69	43.65
1.813	11.99	48.68	0.61	6.78	464.84	0.76	43.65
1.831	11.99	48.67	0.8	6.77	531.6	0.74	43.64
1.853	11.99	48.69	0.57	6.74	354.84	0.73	43.65
1.874	11.99	48.69	0.61	6.7	414.55	0.72	43.66
1.893	11.99	48.68	0.53	6.67	384.38	0.73	43.64
1.911	11.99	48.69	0.46	6.63	368.93	0.72	43.66
1.928	11.99	48.69	0.61	6.61	299.68	0.72	43.65
1.945	11.99	48.69	0.5	6.57	474.86	0.74	43.66
1.958	11.99	48.69	0.5	6.54	494.75	0.73	43.66
1.975	11.99	48.68	0.57	6.52	305.5	0.76	43.65
1.995	11.99	48.69	0.84	6.49	347.2	0.74	43.65
2.01	11.99	48.7	0.69	6.46	485.43	0.79	43.67
2.017	11.99	48.7	0.61	6.43	355.01	0.81	43.66

2.035	11.99	48.67	0.57	6.4	361.15	0.79	43.64
2.066	11.99	48.69	0.46	6.36	512.01	0.82	43.66
2.097	11.99	48.7	0.57	6.33	321.41	0.81	43.67
2.132	12.0	48.68	0.5	6.31	607.25	0.76	43.64
2.169	12.0	48.7	0.65	6.3	375.4	0.85	43.65
2.192	12.0	48.71	0.57	6.29	413.98	0.77	43.66
2.198	12.0	48.71	0.57	6.29	362.58	0.95	43.66
2.204	12.0	48.69	0.65	6.31	301.49	0.83	43.64
2.233	12.0	48.69	0.53	6.33	320.44	0.83	43.64
2.266	12.0	48.71	0.61	6.37	450.83	0.83	43.67
2.289	12.0	48.71	0.65	6.43	362.49	0.81	43.67
2.304	12.01	48.7	0.61	6.5	358.65	0.82	43.65
2.315	12.01	48.71	0.5	6.57	432.31	0.8	43.66
2.324	12.01	48.72	0.53	6.63	350.27	0.86	43.66
2.329	12.01	48.71	0.53	6.69	429.52	0.89	43.66
2.334	12.01	48.71	0.61	6.73	311.8	0.86	43.65
2.349	12.01	48.71	0.53	6.76	353.78	0.78	43.65
2.366	12.01	48.72	0.69	6.77	344.79	0.82	43.66
2.384	12.01	48.72	0.53	6.79	320.66	0.81	43.66
2.401	12.01	48.71	0.57	6.8	483.75	0.84	43.66
2.412	12.01	48.72	0.76	6.82	415.51	0.79	43.66
2.415	12.01	48.72	0.65	6.85	334.48	0.82	43.67
2.416	12.01	48.71	0.57	6.88	670.42	0.87	43.66
2.422	12.01	48.71	0.8	6.91	309.42	0.91	43.66
2.43	12.01	48.73	0.42	6.93	403.55	0.9	43.67
2.445	12.01	48.72	0.57	6.94	351.16	0.87	43.66
2.474	12.01	48.71	0.88	6.95	391.58	0.84	43.66
2.499	12.01	48.73	0.84	6.94	371.68	1.01	43.68
2.505	12.01	48.72	0.65	6.9	526.7	0.77	43.66
2.506	12.01	48.72	0.5	6.88	335.49	0.77	43.66
2.514	12.01	48.74	0.53	6.86	344.31	0.85	43.67
2.522	12.02	48.74	0.53	6.85	395.32	0.81	43.67
2.529	12.02	48.73	0.5	6.84	402.99	0.84	43.66
2.535	12.02	48.73	0.65	6.83	336.58	0.85	43.66
2.545	12.02	48.74	0.65	6.82	458.1	0.84	43.66
2.566	12.02	48.73	0.65	6.83	335.18	0.84	43.66
2.591	12.02	48.74	0.53	6.84	376.88	0.84	43.66
2.61	12.02	48.74	0.8	6.85	331.55	0.88	43.67
2.622	12.02	48.73	0.69	6.87	470.59	0.88	43.66
2.631	12.02	48.73	0.65	6.88	322.6	0.84	43.66
2.647	12.02	48.74	0.57	6.89	379.51	0.91	43.67
2.661	12.02	48.74	0.65	6.91	393.31	0.91	43.67
2.671	12.03	48.74	0.61	6.91	377.23	0.91	43.66
2.687	12.03	48.73	0.61	6.91	347.44	0.88	43.66
2.713	12.04	48.74	0.8	6.93	324.25	0.9	43.65
2.737	12.06	48.74	0.76	6.92	378.99	0.89	43.63
2.754	12.07	48.74	0.53	6.89	354.51	0.86	43.62
2.763	12.07	48.74	0.69	6.88	315.8	0.86	43.62
2.769	12.07	48.75	0.5	6.86	477.62	0.88	43.61
2.771	12.08	48.75	0.57	6.82	353.78	0.86	43.62
2.775	12.08	48.76	0.72	6.8	350.51	0.97	43.62
2.787	12.08	48.76	0.53	6.78	368.68	0.95	43.61
2.808	12.09	48.75	0.57	6.76	384.47	0.92	43.6
2.826	12.1	48.76	0.53	6.76	337.05	0.92	43.6
2.84	12.1	48.77	0.57	6.76	337.44	0.96	43.61
2.853	12.1	48.77	0.57	6.76	334.09	1.1	43.61
2.872	12.1	48.77	0.53	6.76	360.23	0.94	43.61
2.892	12.1	48.77	0.46	6.76	335.96	1.02	43.61

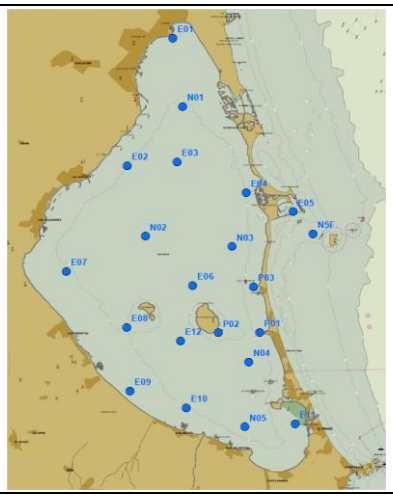
2.912	12.1	48.79	0.53	6.77	339.16	0.95	43.63
2.939	12.1	48.8	0.8	6.77	375.32	1.0	43.63
2.965	12.12	48.78	0.76	6.76	314.55	0.97	43.6
2.988	12.13	48.8	0.76	6.77	340.19	0.93	43.61
3.008	12.14	48.83	0.88	6.77	379.16	0.98	43.62
3.021	12.15	48.8	0.69	6.77	344.55	0.94	43.57
3.032	12.17	48.82	0.53	6.77	321.71	0.95	43.58
3.049	12.18	48.86	0.88	6.76	371.51	1.09	43.61
3.129	12.19	48.85	0.88	6.76	370.91	0.9	43.58
3.14	12.18	48.94	0.72	6.76	366.38	0.88	43.69
3.16	12.17	48.89	0.8	6.78	293.7	0.86	43.65
3.18	12.17	48.85	0.88	6.8	340.42	0.97	43.6
3.183	12.16	48.99	0.61	7.03	338.61	0.82	43.75
3.186	12.16	48.91	0.38	7.1	318.96	0.95	43.67
3.192	12.17	48.89	0.42	7.17	327.73	0.84	43.65
3.194	12.17	48.96	0.46	7.3	337.05	0.84	43.72
3.196	12.17	48.92	0.42	7.35	333.32	0.95	43.68
3.211	12.17	48.95	0.65	7.36	333.01	0.91	43.71
3.24	12.17	48.97	0.69	7.36	309.78	0.91	43.73
3.268	12.17	48.94	0.76	7.33	332.86	0.87	43.7
3.286	12.17	48.9	0.61	7.28	343.91	0.91	43.66
3.297	12.17	48.95	0.42	7.2	325.3	0.98	43.71
3.321	12.17	49.05	0.65	7.11	326.13	0.85	43.81
3.357	12.18	48.97	0.3	7.03	302.82	0.79	43.71
3.391	12.2	48.94	0.38	6.94	314.99	0.92	43.66
3.417	12.2	49.06	0.57	6.86	353.94	0.88	43.78
3.434	12.2	48.99	0.5	6.8	295.4	0.77	43.72
3.438	12.19	49.03	0.42	6.79	339.56	0.87	43.76
3.454	12.19	49.0	0.5	6.84	291.19	0.85	43.73
3.479	12.19	48.99	0.5	6.9	291.93	0.89	43.72
3.498	12.2	49.05	0.3	6.97	309.49	1.01	43.77
3.513	12.2	49.08	0.46	7.04	337.75	0.82	43.8
3.536	12.21	49.01	0.42	7.09	324.85	0.75	43.73
3.557	12.21	49.02	0.46	7.11	284.19	0.71	43.72
3.579	12.22	49.12	0.38	7.11	275.56	0.74	43.82
3.602	12.22	49.05	0.42	7.08	320.66	0.76	43.74
3.628	12.23	49.02	0.61	7.03	302.96	0.72	43.71
3.648	12.23	49.09	0.3	6.98	286.97	0.74	43.77
3.665	12.23	49.09	0.42	6.92	282.68	0.87	43.78
3.675	12.23	49.02	0.46	6.9	288.37	0.85	43.71
3.68	12.23	49.08	0.5	6.88	298.29	0.77	43.76
3.688	12.23	49.15	0.46	6.87	287.77	0.75	43.83
3.702	12.24	49.05	0.46	6.88	298.5	0.78	43.73
3.717	12.24	49.07	0.42	6.88	261.56	0.78	43.74
3.73	12.24	49.1	0.46	6.89	263.2	0.76	43.77
3.741	12.24	49.11	0.38	6.9	335.02	0.79	43.79
3.752	12.23	49.11	0.53	6.9	287.23	0.78	43.79
3.759	12.24	49.1	0.5	6.91	258.25	0.76	43.78
3.773	12.24	49.15	0.42	6.93	301.14	0.82	43.83
3.799	12.24	49.1	0.38	6.95	271.32	0.76	43.78
3.825	12.24	49.09	0.46	6.98	273.21	0.74	43.76
3.848	12.24	49.17	0.65	7.02	281.17	0.76	43.85
3.867	12.23	49.11	0.53	7.05	259.45	0.73	43.79
3.876	12.24	49.11	0.46	7.07	268.31	0.76	43.79
3.885	12.24	49.17	0.3	7.08	268.13	0.74	43.84
3.892	12.25	49.14	0.46	7.08	264.06	0.81	43.81
3.907	12.25	49.14	0.5	7.06	264.49	0.85	43.81
3.93	12.25	49.19	0.34	7.02	255.51	0.79	43.86

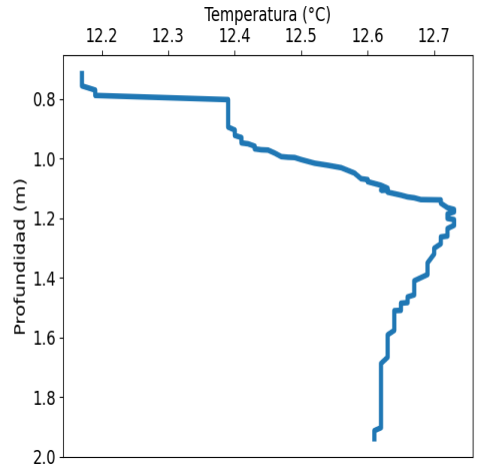
3.95	12.25	49.13	0.38	6.98	264.55	0.73	43.8
3.959	12.25	49.13	0.5	6.94	252.33	0.84	43.79
3.964	12.25	49.19	0.38	6.9	232.56	0.79	43.85
3.975	12.25	49.23	0.42	6.87	293.63	0.72	43.89
3.993	12.26	49.15	0.34	6.84	250.12	0.76	43.8
4.009	12.26	49.11	0.38	6.82	221.97	0.76	43.76
4.019	12.25	49.22	0.42	6.81	248.21	0.73	43.88
4.032	12.25	49.22	0.38	6.79	263.14	0.83	43.89
4.051	12.25	49.11	0.38	6.78	222.59	0.79	43.77
4.068	12.25	49.18	0.38	6.77	223.58	0.79	43.84
4.08	12.24	49.24	0.46	6.75	240.17	0.79	43.91
4.091	12.24	49.16	0.38	6.74	240.62	0.78	43.83
4.107	12.24	49.17	0.38	6.75	219.67	0.74	43.84
4.123	12.24	49.24	0.5	6.77	223.01	0.79	43.91
4.14	12.24	49.19	0.42	6.81	214.99	0.78	43.86
4.151	12.24	49.14	0.42	6.87	232.29	0.78	43.82
4.155	12.24	49.22	0.65	6.92	242.07	0.81	43.9
4.156	12.24	49.21	0.5	6.98	239.17	0.78	43.89
4.158	12.24	49.18	0.46	7.03	211.67	0.8	43.86
4.165	12.24	49.2	0.34	7.07	222.9	0.79	43.88
4.178	12.24	49.22	0.53	7.1	242.58	0.84	43.89
4.192	12.24	49.19	0.38	7.12	233.7	0.9	43.86
4.204	12.24	49.2	0.42	7.13	227.07	0.81	43.88
4.206	12.25	49.18	0.23	7.13	226.13	0.74	43.85
4.211	12.25	49.24	0.46	7.11	237.3	0.76	43.91
4.223	12.25	49.24	0.42	7.07	232.34	0.8	43.9
4.233	12.25	49.19	0.3	7.02	219.01	0.83	43.86
4.242	12.25	49.21	0.5	6.97	223.73	0.72	43.88
4.257	12.25	49.24	0.42	6.91	226.39	0.79	43.9
4.274	12.26	49.18	0.38	6.86	222.23	0.76	43.84
4.289	12.25	49.23	0.42	6.81	210.79	0.77	43.89
4.304	12.25	49.25	0.53	6.76	224.41	0.86	43.91
4.32	12.25	49.25	0.38	6.71	218.55	0.81	43.91
4.337	12.25	49.22	0.5	6.67	217.14	0.81	43.88
4.346	12.25	49.22	0.5	6.62	224.35	0.81	43.89
4.35	12.25	49.25	0.38	6.59	218.66	0.81	43.92
4.356	12.25	49.26	0.42	6.55	208.27	0.85	43.92
4.366	12.26	49.25	0.5	6.51	216.74	0.8	43.91
4.382	12.26	49.27	0.42	6.46	240.45	0.79	43.93
4.405	12.26	49.27	0.34	6.41	217.59	0.77	43.92
4.423	12.26	49.24	0.27	6.37	203.21	0.76	43.89
4.433	12.27	49.26	0.38	6.32	213.25	0.88	43.9
4.444	12.27	49.27	0.23	6.28	224.93	0.79	43.91
4.455	12.27	49.25	0.34	6.24	215.04	0.79	43.89
4.464	12.28	49.25	0.34	6.22	207.59	0.77	43.88
4.474	12.28	49.26	0.5	6.19	207.74	0.79	43.89
4.487	12.28	49.28	0.27	6.17	211.67	0.81	43.91
4.499	12.28	49.27	0.3	6.15	233.48	0.82	43.9
4.512	12.28	49.28	0.5	6.13	215.79	0.93	43.91
4.528	12.28	49.3	0.5	6.12	206.49	0.83	43.93
4.546	12.28	49.26	0.42	6.11	206.78	0.79	43.88
4.563	12.28	49.27	0.34	6.1	232.72	0.82	43.9
4.583	12.29	49.3	0.42	6.11	222.8	0.89	43.93
4.603	12.28	49.28	0.38	6.12	211.58	0.8	43.9
4.625	12.28	49.31	0.46	6.12	208.65	0.76	43.93
4.641	12.28	49.28	0.53	6.13	208.12	0.85	43.91
4.651	12.28	49.29	0.3	6.14	226.29	0.85	43.92
4.663	12.28	49.3	0.3	6.15	211.33	0.77	43.93

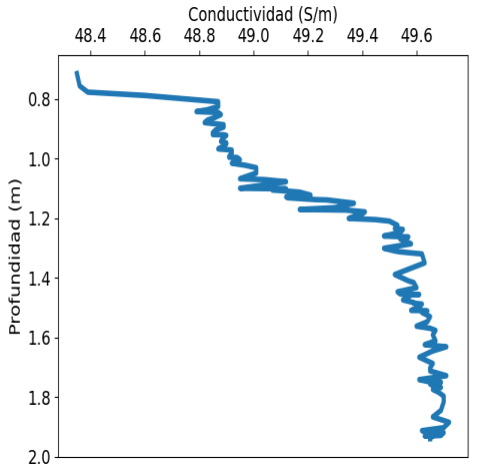
4.671	12.28	49.29	0.46	6.16	200.69	0.8	43.92
4.684	12.28	49.34	0.38	6.15	216.64	0.87	43.97
4.701	12.28	49.29	0.3	6.15	203.64	0.89	43.92
4.72	12.28	49.27	0.27	6.16	212.61	0.85	43.89
4.739	12.28	49.33	0.3	6.16	205.49	0.85	43.96
4.757	12.28	49.34	0.34	6.18	204.06	0.85	43.97
4.772	12.28	49.29	0.53	6.2	198.74	0.84	43.92
4.782	12.28	49.29	0.3	6.23	206.54	0.82	43.92
4.787	12.28	49.33	0.42	6.28	211.67	0.82	43.96
4.801	12.28	49.35	0.38	6.33	201.34	0.79	43.98
4.826	12.28	49.31	0.3	6.38	209.33	0.76	43.94
4.853	12.28	49.3	0.3	6.42	219.16	0.79	43.93
4.876	12.28	49.36	0.38	6.47	218.0	0.81	43.99
4.893	12.28	49.33	0.42	6.47	218.6	0.78	43.96
4.905	12.28	49.31	0.42	6.49	219.72	0.81	43.95
4.921	12.28	49.35	0.42	6.5	221.97	0.85	43.99
4.951	12.28	49.35	0.34	6.5	225.03	0.85	43.98
4.994	12.28	49.31	0.42	6.5	213.4	0.85	43.93
5.031	12.29	49.31	0.5	6.51	215.24	0.84	43.93
5.05	12.29	49.35	0.3	6.51	219.67	0.79	43.97
5.068	12.28	49.38	0.42	6.5	224.67	0.85	44.01
5.095	12.28	49.35	0.34	6.5	219.47	0.86	43.97
5.117	12.28	49.28	0.27	6.49	213.1	0.84	43.91
5.133	12.28	49.36	0.53	6.49	205.01	0.89	43.99
5.145	12.27	49.35	0.46	6.5	217.39	0.84	43.99
5.149	12.27	49.33	0.53	6.52	214.84	0.83	43.97
5.157	12.27	49.37	0.38	6.56	209.48	0.91	44.01
5.17	12.27	49.35	0.42	6.61	203.07	0.89	43.98
5.19	12.27	49.34	0.38	6.68	201.52	0.91	43.98
5.21	12.28	49.34	0.38	6.75	199.99	0.94	43.98
5.221	12.28	49.34	0.3	6.81	191.77	0.84	43.97
5.227	12.28	49.37	0.46	6.87	189.87	0.79	44.01
5.237	12.28	49.37	0.46	6.91	205.82	0.85	44.0
5.249	12.28	49.33	0.34	6.95	186.25	0.85	43.96
5.264	12.28	49.37	0.46	6.97	181.31	0.9	44.0
5.286	12.28	49.37	0.46	6.98	197.64	0.89	44.0
5.288	12.28	49.34	0.65	6.92	188.25	0.76	43.98
5.295	12.28	49.38	0.53	6.91	188.77	0.9	44.02
5.31	12.27	49.33	0.57	6.89	195.18	0.91	43.97
5.322	12.27	49.34	0.57	6.9	182.32	0.83	43.97
5.331	12.27	49.37	0.76	6.88	184.06	0.85	44.0
5.358	12.27	49.36	0.53	6.88	200.31	0.89	44.0
5.379	12.27	49.34	0.61	6.89	195.59	0.83	43.98
5.395	12.27	49.35	0.42	6.92	189.21	0.85	43.99
5.414	12.27	49.38	0.65	6.94	202.6	0.83	44.02
5.436	12.28	49.35	0.57	6.98	199.48	0.85	43.98
5.461	12.28	49.35	0.5	6.99	196.91	0.85	43.99
5.487	12.28	49.38	0.65	7.01	197.5	0.89	44.01
5.513	12.28	49.38	0.5	7.01	202.41	0.92	44.01
5.536	12.28	49.35	0.57	6.99	188.42	0.86	43.99
5.554	12.28	49.38	0.38	6.96	195.41	0.89	44.01
5.569	12.28	49.38	0.46	6.93	214.44	0.85	44.01
5.584	12.28	49.38	0.42	6.89	195.63	0.92	44.01
5.61	12.28	49.37	0.42	6.85	187.99	0.92	44.0
5.637	12.28	49.38	0.38	6.8	209.04	0.89	44.02
5.658	12.28	49.37	0.38	6.76	199.85	0.82	44.0
5.67	12.28	49.37	0.3	6.72	185.44	0.88	44.0
5.683	12.28	49.4	0.3	6.67	187.16	0.85	44.03

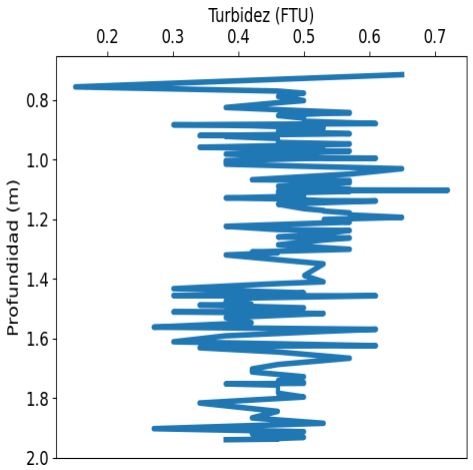
5.694	12.28	49.37	0.3	6.61	194.19	0.89	43.99
5.7	12.29	49.37	0.42	6.56	195.41	0.82	43.99
5.708	12.29	49.39	0.19	6.51	189.12	0.85	44.01
5.721	12.29	49.38	0.3	6.46	186.08	0.87	44.0
5.738	12.29	49.39	0.46	6.43	182.75	0.91	44.02
5.761	12.29	49.39	0.19	6.39	187.25	0.82	44.01
5.788	12.29	49.38	0.42	6.37	185.69	0.91	44.0
5.811	12.29	49.38	0.42	6.36	181.86	0.89	44.0
5.831	12.29	49.4	0.46	6.35	178.44	0.84	44.02
5.848	12.29	49.39	0.53	6.36	175.36	0.86	44.01
5.872	12.29	49.39	0.34	6.37	182.83	0.95	44.01
5.896	12.29	49.4	0.5	6.38	176.79	0.92	44.02
5.925	12.29	49.41	0.5	6.4	179.02	0.94	44.03
5.955	12.29	49.4	0.5	6.41	172.42	0.9	44.01
5.983	12.29	49.38	0.5	6.42	175.28	0.87	44.0
5.998	12.29	49.38	0.53	6.44	169.72	0.94	44.0
6.006	12.29	49.41	0.3	6.45	167.5	0.91	44.03
6.015	12.29	49.41	0.3	6.46	166.76	0.88	44.03
6.033	12.29	49.42	0.53	6.46	164.8	0.85	44.04
6.058	12.29	49.41	0.38	6.47	164.34	0.99	44.02
6.082	12.29	49.39	0.3	6.48	167.69	0.93	44.01
6.112	12.29	49.42	0.3	6.48	167.61	0.89	44.04
6.14	12.29	49.41	0.42	6.48	159.21	0.85	44.03
6.164	12.29	49.41	0.42	6.48	158.58	0.92	44.03
6.189	12.29	49.43	0.46	6.48	159.87	0.85	44.05
6.215	12.29	49.43	0.38	6.46	162.64	0.94	44.05
6.243	12.29	49.43	0.42	6.46	162.11	0.88	44.05
6.266	12.29	49.43	0.5	6.45	157.33	0.83	44.04
6.277	12.29	49.44	0.42	6.45	159.83	0.85	44.05
6.28	12.29	49.45	0.46	6.45	162.22	0.89	44.06
6.282	12.29	49.43	0.46	6.46	159.39	0.89	44.04
6.285	12.29	49.44	0.42	6.48	161.88	0.83	44.06
6.287	12.29	49.43	0.5	6.55	157.23	0.86	44.05
6.288	12.3	49.45	0.38	6.67	159.24	0.89	44.06
6.289	12.3	49.45	0.5	6.71	160.99	0.92	44.06
6.29	12.3	49.47	0.61	6.74	164.46	1.08	44.08

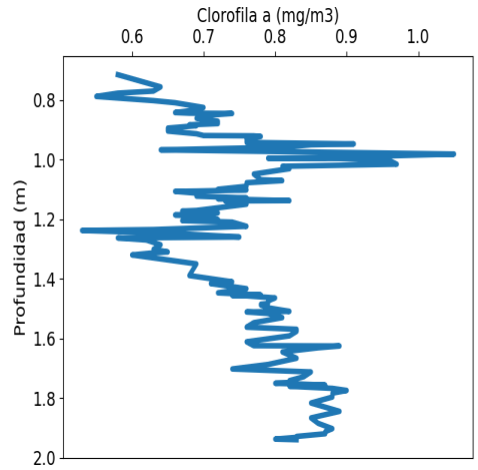
Nombre: CTD P03 - Punto 011 **Fecha: 16/01/2024** **Hora: 10:01:14**

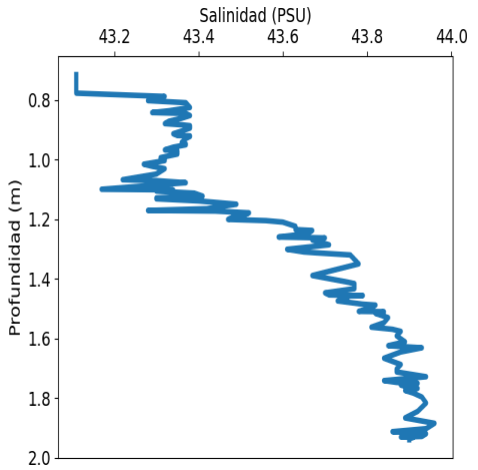


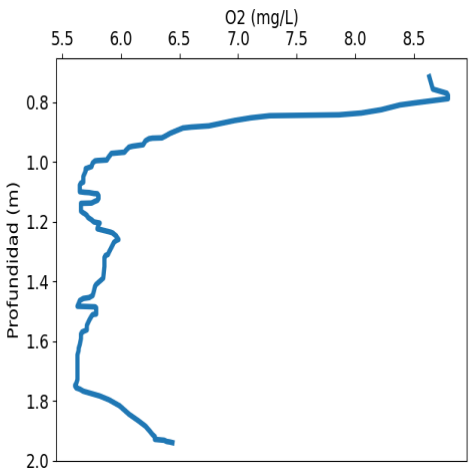


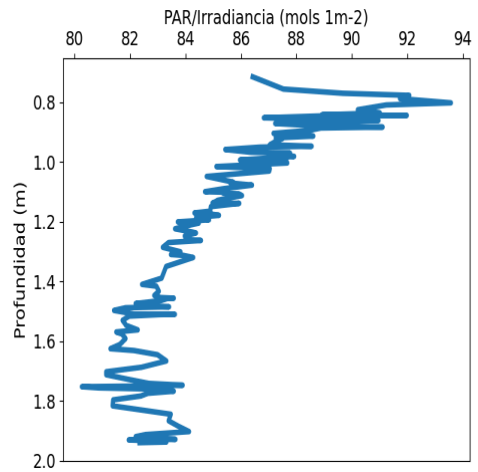












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.17	48.35	0.15	5.61	80.26	0.53	43.11
PROF (metros)	0.716	0.716	0.757	1.747	1.752	1.238	0.716
MÁXIMO	12.73	12.73	0.73	8.79	93.57	1.05	43.96
PROF (metros)	1.171	1.884	1.103	0.778	0.803	0.982	1.884

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.38	48.81	0.48	6.95	88.55	0.72	43.32
1 - 2m	12.65	49.49	0.47	5.81	83.51	0.77	43.68

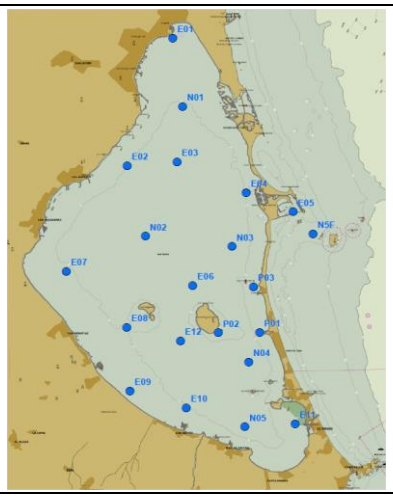
OBSERVACIONES GENERALES

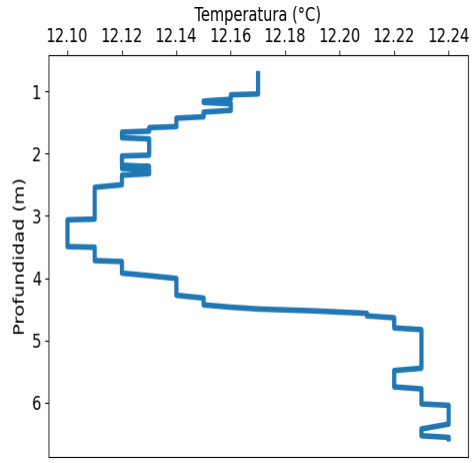
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.716	12.17	48.35	0.65	8.63	86.42	0.58	43.11
0.757	12.17	48.36	0.15	8.66	87.53	0.64	43.11
0.771	12.19	48.38	0.46	8.78	89.67	0.63	43.11
0.778	12.19	48.39	0.5	8.79	92.07	0.58	43.11
0.789	12.19	48.6	0.46	8.79	91.73	0.55	43.32
0.803	12.39	48.78	0.5	8.51	93.57	0.63	43.28
0.81	12.39	48.87	0.46	8.38	91.24	0.66	43.37
0.826	12.39	48.87	0.38	8.22	90.21	0.7	43.38
0.837	12.39	48.83	0.5	8.05	91.01	0.68	43.33
0.843	12.39	48.79	0.57	7.86	88.92	0.66	43.29
0.845	12.39	48.85	0.57	7.46	91.98	0.68	43.35
0.846	12.39	48.87	0.53	7.27	89.11	0.74	43.37
0.853	12.39	48.88	0.46	7.11	86.82	0.7	43.38
0.862	12.39	48.86	0.5	6.97	90.96	0.69	43.36
0.872	12.39	48.83	0.5	6.85	87.23	0.72	43.33
0.88	12.39	48.82	0.61	6.75	88.74	0.72	43.32
0.884	12.39	48.86	0.3	6.6	91.11	0.68	43.36
0.887	12.39	48.89	0.42	6.53	88.88	0.69	43.38
0.895	12.39	48.89	0.53	6.48	88.47	0.65	43.38
0.905	12.4	48.86	0.46	6.42	87.17	0.65	43.36
0.914	12.4	48.85	0.57	6.38	88.61	0.69	43.34
0.92	12.4	48.85	0.34	6.35	87.25	0.7	43.35
0.921	12.4	48.89	0.46	6.27	87.47	0.77	43.38
0.923	12.4	48.9	0.38	6.24	87.49	0.78	43.38
0.93	12.41	48.89	0.46	6.21	87.29	0.76	43.37
0.943	12.41	48.88	0.46	6.19	87.04	0.76	43.36
0.948	12.41	48.9	0.57	6.1	88.55	0.91	43.37
0.951	12.42	48.9	0.53	6.07	86.7	0.85	43.37
0.959	12.43	48.89	0.34	6.05	85.43	0.81	43.34
0.968	12.43	48.87	0.53	6.03	86.34	0.64	43.32
0.971	12.44	48.91	0.42	5.95	87.77	0.73	43.35
0.972	12.45	48.92	0.57	5.92	87.15	0.77	43.35
0.982	12.46	48.92	0.38	5.9	87.92	1.05	43.35
0.994	12.47	48.91	0.53	5.88	85.96	0.87	43.31
0.996	12.48	48.91	0.61	5.8	86.4	0.79	43.31
0.997	12.49	48.94	0.5	5.78	87.63	0.89	43.32
1.004	12.5	48.95	0.38	5.76	87.67	0.96	43.32
1.016	12.52	48.92	0.38	5.75	85.11	0.97	43.27
1.023	12.54	48.97	0.5	5.7	87.04	0.81	43.29
1.031	12.56	49.01	0.65	5.7	87.02	0.82	43.32

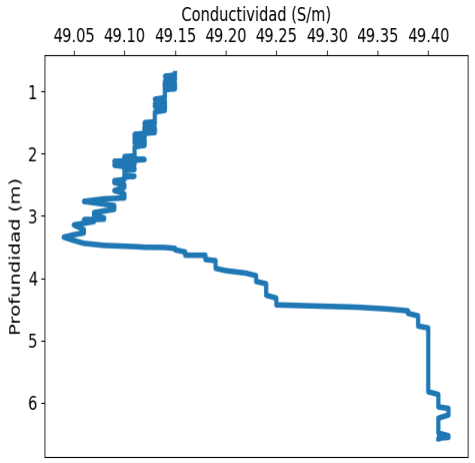
1.049	12.58	49.01	0.57	5.68	84.76	0.77	43.3
1.068	12.59	48.95	0.42	5.68	85.72	0.78	43.22
1.071	12.6	49.04	0.57	5.66	85.62	0.81	43.3
1.078	12.6	49.12	0.57	5.65	86.4	0.76	43.37
1.09	12.62	49.03	0.46	5.65	85.37	0.76	43.26
1.1	12.63	48.95	0.57	5.65	84.7	0.72	43.17
1.102	12.63	49.12	0.5	5.69	85.5	0.76	43.34
1.103	12.63	49.07	0.72	5.73	85.33	0.75	43.3
1.106	12.62	49.07	0.46	5.77	85.54	0.69	43.3
1.107	12.63	49.09	0.57	5.8	85.92	0.66	43.31
1.113	12.63	49.17	0.46	5.81	86.04	0.69	43.39
1.123	12.65	49.21	0.5	5.81	85.45	0.69	43.41
1.129	12.66	49.12	0.38	5.8	85.15	0.76	43.3
1.132	12.67	49.13	0.46	5.78	85.11	0.72	43.3
1.138	12.68	49.23	0.53	5.75	84.97	0.82	43.39
1.139	12.71	49.27	0.61	5.66	85.94	0.73	43.4
1.15	12.71	49.37	0.46	5.66	84.91	0.76	43.49
1.165	12.72	49.3	0.5	5.66	84.89	0.71	43.42
1.171	12.73	49.17	0.53	5.68	84.32	0.69	43.28
1.173	12.73	49.34	0.53	5.69	84.8	0.67	43.44
1.179	12.73	49.41	0.57	5.71	85.21	0.72	43.52
1.186	12.72	49.4	0.57	5.72	84.38	0.66	43.51
1.194	12.72	49.37	0.65	5.75	84.85	0.71	43.48
1.201	12.72	49.35	0.53	5.77	83.72	0.72	43.47
1.205	12.73	49.45	0.53	5.82	84.48	0.67	43.56
1.21	12.73	49.5	0.57	5.81	84.23	0.74	43.6
1.224	12.73	49.53	0.38	5.8	83.62	0.76	43.63
1.235	12.72	49.52	0.46	5.91	84.25	0.63	43.63
1.238	12.72	49.55	0.57	5.93	84.38	0.53	43.67
1.248	12.72	49.54	0.53	5.96	83.97	0.66	43.66
1.26	12.72	49.48	0.46	5.98	84.03	0.75	43.59
1.263	12.71	49.57	0.57	5.96	84.56	0.58	43.7
1.27	12.71	49.54	0.53	5.94	83.39	0.62	43.67
1.286	12.71	49.58	0.46	5.92	83.18	0.64	43.71
1.301	12.7	49.48	0.57	5.9	83.82	0.63	43.61
1.31	12.7	49.52	0.42	5.89	83.47	0.65	43.65
1.313	12.7	49.54	0.46	5.87	83.92	0.63	43.68
1.32	12.7	49.62	0.38	5.86	84.28	0.6	43.76
1.35	12.69	49.63	0.53	5.86	83.3	0.69	43.78
1.389	12.69	49.52	0.5	5.85	83.14	0.68	43.67
1.41	12.67	49.57	0.53	5.79	82.43	0.74	43.75
1.416	12.67	49.59	0.46	5.78	82.95	0.71	43.77
1.433	12.67	49.6	0.3	5.77	83.04	0.76	43.77
1.447	12.67	49.53	0.5	5.76	82.87	0.72	43.7
1.454	12.67	49.54	0.46	5.73	83.1	0.78	43.71
1.456	12.67	49.61	0.3	5.7	83.58	0.74	43.79
1.457	12.67	49.58	0.61	5.68	83.35	0.76	43.76
1.464	12.66	49.57	0.42	5.65	83.12	0.8	43.75
1.474	12.66	49.55	0.38	5.64	82.2	0.79	43.73
1.483	12.66	49.59	0.38	5.63	82.95	0.79	43.78
1.485	12.65	49.59	0.42	5.78	83.41	0.78	43.79
1.488	12.65	49.62	0.34	5.79	81.84	0.78	43.82
1.497	12.65	49.61	0.5	5.79	81.42	0.79	43.81
1.509	12.65	49.58	0.38	5.79	82.14	0.82	43.78
1.51	12.64	49.63	0.38	5.77	83.62	0.79	43.84
1.511	12.64	49.64	0.3	5.76	83.08	0.76	43.84
1.516	12.64	49.62	0.53	5.75	81.97	0.79	43.82
1.53	12.64	49.65	0.38	5.73	81.73	0.81	43.85

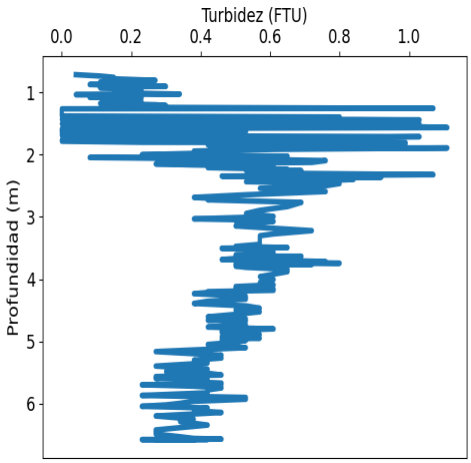
1.547	12.64	49.64	0.42	5.71	81.86	0.77	43.84
1.562	12.64	49.6	0.27	5.71	82.28	0.76	43.81
1.569	12.64	49.65	0.61	5.67	81.5	0.83	43.86
1.576	12.64	49.67	0.53	5.66	81.71	0.83	43.88
1.591	12.63	49.66	0.38	5.66	81.84	0.82	43.87
1.611	12.63	49.67	0.3	5.65	81.63	0.76	43.89
1.624	12.63	49.63	0.61	5.64	81.31	0.77	43.85
1.625	12.63	49.64	0.46	5.64	81.29	0.89	43.86
1.631	12.63	49.71	0.34	5.64	82.14	0.86	43.93
1.645	12.63	49.66	0.46	5.63	82.99	0.81	43.88
1.666	12.63	49.61	0.57	5.63	83.31	0.83	43.84
1.687	12.62	49.66	0.46	5.63	82.41	0.79	43.88
1.702	12.62	49.65	0.42	5.63	81.14	0.74	43.87
1.712	12.62	49.65	0.42	5.63	81.14	0.85	43.87
1.728	12.62	49.71	0.5	5.63	81.97	0.84	43.94
1.741	12.62	49.61	0.46	5.62	82.68	0.82	43.84
1.747	12.62	49.64	0.5	5.61	83.9	0.82	43.87
1.75	12.62	49.69	0.5	5.61	82.07	0.8	43.92
1.752	12.62	49.67	0.38	5.62	80.26	0.83	43.9
1.756	12.62	49.65	0.46	5.62	80.88	0.87	43.88
1.76	12.62	49.66	0.46	5.65	82.93	0.82	43.89
1.767	12.62	49.69	0.46	5.68	83.58	0.88	43.92
1.774	12.62	49.66	0.46	5.74	82.64	0.9	43.89
1.783	12.62	49.68	0.46	5.82	82.39	0.88	43.91
1.796	12.62	49.7	0.5	5.9	81.39	0.88	43.93
1.816	12.62	49.7	0.34	5.99	81.37	0.85	43.94
1.844	12.62	49.69	0.46	6.07	83.47	0.89	43.92
1.866	12.62	49.66	0.42	6.15	83.39	0.85	43.89
1.884	12.62	49.72	0.53	6.21	83.74	0.86	43.96
1.902	12.62	49.7	0.27	6.25	84.13	0.88	43.94
1.912	12.61	49.62	0.5	6.27	82.56	0.87	43.86
1.919	12.61	49.7	0.42	6.29	82.2	0.87	43.94
1.928	12.61	49.69	0.46	6.29	83.64	0.83	43.93
1.93	12.61	49.63	0.46	6.34	81.95	0.83	43.88
1.931	12.61	49.66	0.5	6.37	82.26	0.83	43.91
1.935	12.61	49.65	0.46	6.39	83.12	0.81	43.9
1.937	12.61	49.65	0.46	6.42	83.31	0.8	43.9
1.939	12.61	49.65	0.38	6.44	82.34	0.83	43.9

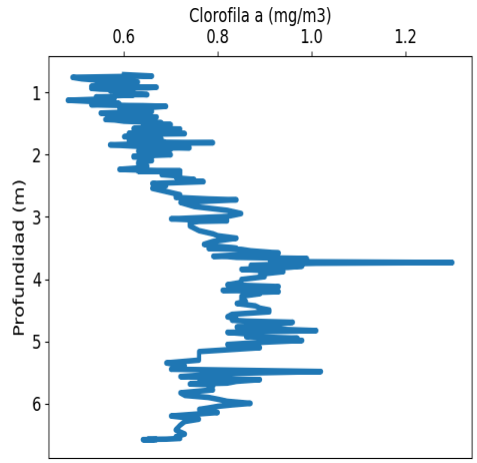
Nombre: CTD E06 - Punto 012 **Fecha: 16/01/2024** **Hora: 10:01:17**

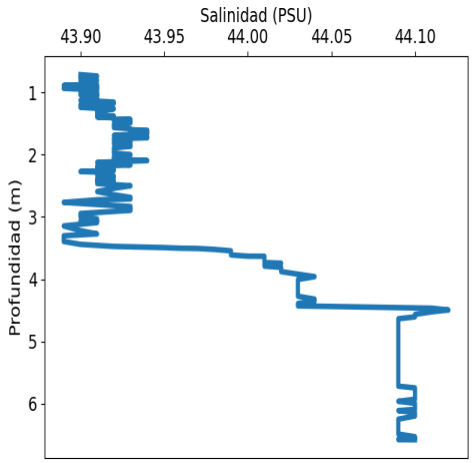


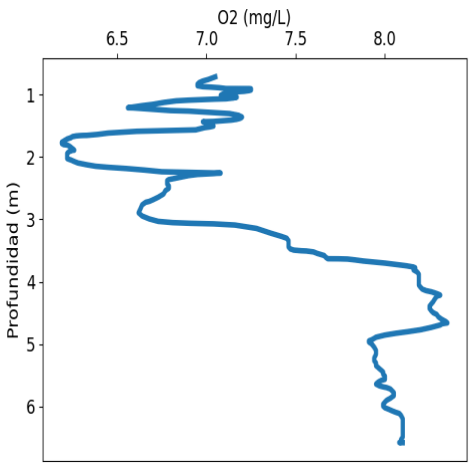


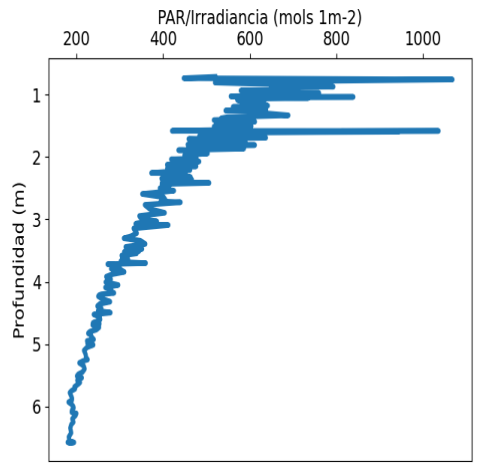












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.1	49.04	0.0	6.19	179.35	0.48	43.89
PROF (metros)	3.062	3.341	1.264	1.763	6.571	1.126	0.889
MÁXIMO	12.24	12.24	1.11	8.35	1068.2	1.3	44.12
PROF (metros)	6.041	6.09	1.565	4.658	0.758	3.732	4.494

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.17	49.14	0.16	7.1	666.97	0.58	43.9
1 - 2m	12.14	49.13	0.47	6.68	566.73	0.63	43.92
2 - 3m	12.12	49.1	0.59	6.68	421.84	0.7	43.92
3 - 4m	12.11	49.14	0.58	7.69	318.62	0.86	43.97
4 - 5m	12.18	49.32	0.51	8.2	252.76	0.88	44.07
5 - 6m	12.23	49.4	0.39	7.98	204.68	0.79	44.09
6 - 7m	12.24	49.41	0.35	8.08	188.2	0.72	44.09

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.715	12.17	49.15	0.04	7.05	520.02	0.6	43.9
0.737	12.17	49.15	0.11	7.03	447.5	0.66	43.91
0.758	12.17	49.14	0.15	7.01	1068.2	0.49	43.9
0.782	12.17	49.15	0.15	6.98	744.12	0.51	43.9
0.807	12.17	49.15	0.27	6.96	519.54	0.55	43.91
0.833	12.17	49.14	0.11	6.95	649.31	0.63	43.9
0.858	12.17	49.14	0.19	6.95	683.12	0.59	43.9
0.873	12.17	49.15	0.08	6.98	793.09	0.56	43.91
0.879	12.17	49.14	0.11	7.02	665.0	0.56	43.9
0.889	12.17	49.14	0.15	7.07	670.26	0.54	43.89
0.903	12.17	49.15	0.11	7.11	648.41	0.53	43.91
0.904	12.17	49.15	0.3	7.24	648.26	0.56	43.91
0.907	12.17	49.14	0.19	7.25	711.07	0.55	43.9
0.917	12.17	49.14	0.19	7.25	676.19	0.67	43.9
0.926	12.17	49.15	0.11	7.25	673.69	0.65	43.91
0.935	12.17	49.14	0.15	7.24	579.2	0.53	43.89
0.947	12.17	49.14	0.15	7.21	667.16	0.55	43.9
0.956	12.17	49.15	0.15	7.16	630.19	0.59	43.91
0.973	12.17	49.14	0.23	7.12	759.98	0.57	43.9
0.994	12.17	49.14	0.19	7.09	585.0	0.62	43.91
1.011	12.17	49.14	0.19	7.08	653.09	0.61	43.91
1.027	12.17	49.14	0.34	7.09	556.05	0.63	43.9
1.036	12.17	49.14	0.04	7.11	595.68	0.65	43.91
1.037	12.17	49.14	0.15	7.17	839.24	0.6	43.9
1.042	12.17	49.14	0.23	7.17	610.63	0.62	43.91
1.054	12.16	49.14	0.19	7.15	735.2	0.58	43.91
1.067	12.16	49.14	0.19	7.11	589.22	0.58	43.91
1.072	12.16	49.14	0.19	7.05	570.94	0.54	43.91
1.08	12.16	49.14	0.08	6.98	623.65	0.57	43.91
1.089	12.16	49.14	0.23	6.9	571.73	0.54	43.91
1.1	12.16	49.14	0.19	6.83	633.85	0.58	43.91
1.126	12.16	49.13	0.19	6.76	580.55	0.48	43.9
1.156	12.15	49.14	0.23	6.7	617.61	0.56	43.92
1.177	12.15	49.14	0.11	6.64	641.68	0.59	43.92
1.198	12.16	49.13	0.27	6.59	560.97	0.53	43.9

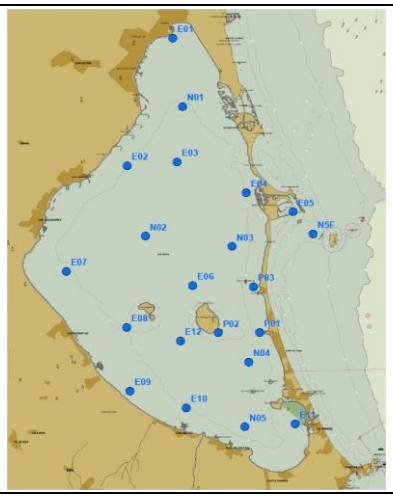
1.211	12.16	49.13	0.3	6.56	626.26	0.61	43.9
1.213	12.16	49.14	0.23	6.59	615.46	0.64	43.91
1.223	12.16	49.14	0.19	6.64	598.03	0.69	43.91
1.239	12.16	49.13	0.19	6.72	637.68	0.66	43.9
1.256	12.16	49.14	1.07	6.8	544.07	0.59	43.91
1.264	12.16	49.14	0.0	6.9	622.64	0.65	43.92
1.304	12.16	49.14	0.0	7.13	643.17	0.66	43.91
1.332	12.15	49.13	0.0	7.18	689.17	0.55	43.91
1.36	12.15	49.13	0.0	7.2	548.62	0.59	43.91
1.379	12.15	49.13	0.0	7.19	534.19	0.6	43.92
1.395	12.15	49.13	0.8	7.17	570.14	0.67	43.91
1.408	12.15	49.13	0.72	7.14	517.02	0.63	43.92
1.43	12.14	49.13	0.0	7.04	524.99	0.59	43.92
1.434	12.14	49.13	0.0	7.0	612.05	0.56	43.92
1.435	12.14	49.13	0.84	6.98	575.59	0.56	43.93
1.442	12.14	49.13	1.03	6.99	549.26	0.58	43.92
1.462	12.14	49.13	0.42	7.01	538.05	0.6	43.93
1.487	12.14	49.13	0.04	7.03	568.56	0.68	43.93
1.504	12.14	49.12	0.0	7.04	603.74	0.64	43.92
1.511	12.14	49.13	1.03	7.03	517.26	0.68	43.92
1.517	12.14	49.13	0.34	7.02	593.06	0.7	43.92
1.529	12.14	49.12	0.88	6.99	539.92	0.66	43.92
1.565	12.14	49.12	1.11	6.94	542.93	0.66	43.92
1.581	12.13	49.12	0.0	6.7	420.45	0.62	43.93
1.582	12.13	49.13	0.0	6.66	1036.1	0.68	43.93
1.588	12.13	49.12	0.0	6.61	811.69	0.72	43.93
1.595	12.13	49.12	0.0	6.57	943.45	0.66	43.93
1.601	12.13	49.13	0.0	6.53	761.39	0.7	43.93
1.608	12.13	49.13	0.0	6.5	606.54	0.69	43.94
1.612	12.13	49.13	0.0	6.48	519.3	0.65	43.94
1.616	12.13	49.13	0.53	6.45	631.21	0.67	43.94
1.623	12.13	49.12	0.0	6.43	602.62	0.64	43.94
1.63	12.13	49.13	0.53	6.41	560.58	0.66	43.94
1.638	12.13	49.12	0.27	6.39	574.52	0.63	43.93
1.653	12.12	49.13	0.27	6.33	491.55	0.67	43.94
1.654	12.12	49.13	0.0	6.31	592.37	0.65	43.94
1.657	12.12	49.13	0.0	6.29	503.89	0.61	43.94
1.662	12.12	49.13	0.0	6.27	483.41	0.73	43.94
1.673	12.12	49.12	0.38	6.25	562.01	0.64	43.93
1.691	12.12	49.11	0.0	6.24	637.24	0.63	43.92
1.711	12.12	49.12	1.03	6.22	458.74	0.6	43.94
1.728	12.12	49.12	0.8	6.21	509.41	0.65	43.94
1.744	12.12	49.11	0.15	6.2	589.9	0.68	43.92
1.763	12.13	49.11	0.0	6.19	544.7	0.61	43.92
1.784	12.13	49.12	0.0	6.19	516.3	0.68	43.93
1.801	12.13	49.12	0.23	6.2	456.51	0.69	43.93
1.808	12.13	49.11	0.99	6.22	611.77	0.79	43.92
1.821	12.13	49.11	0.99	6.23	502.6	0.66	43.92
1.842	12.13	49.12	0.42	6.24	458.0	0.57	43.93
1.866	12.13	49.12	0.69	6.25	586.36	0.63	43.93
1.89	12.13	49.11	0.72	6.26	435.13	0.74	43.92
1.892	12.13	49.11	1.11	6.25	445.95	0.69	43.92
1.915	12.13	49.11	0.61	6.23	463.55	0.7	43.92
1.942	12.13	49.11	0.38	6.22	502.72	0.63	43.92
1.973	12.13	49.11	0.42	6.22	448.96	0.66	43.92
2.001	12.13	49.11	0.23	6.22	449.48	0.7	43.93
2.024	12.13	49.11	0.65	6.22	477.07	0.62	43.92
2.037	12.12	49.11	0.42	6.23	418.41	0.62	43.92

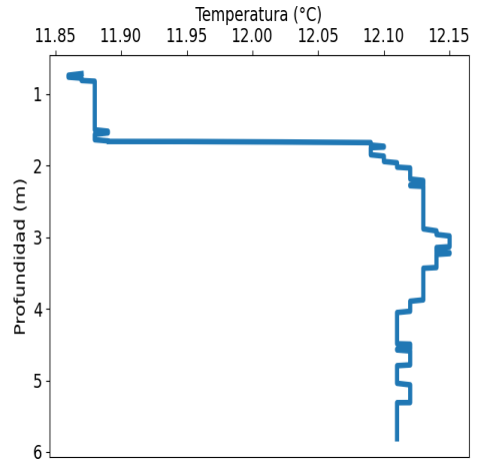
2.046	12.12	49.1	0.08	6.24	454.93	0.66	43.92
2.072	12.12	49.1	0.53	6.26	483.19	0.65	43.92
2.095	12.12	49.12	0.76	6.28	463.55	0.66	43.94
2.124	12.12	49.09	0.72	6.33	408.92	0.63	43.91
2.148	12.12	49.11	0.27	6.38	476.29	0.63	43.92
2.165	12.12	49.11	0.38	6.45	428.92	0.64	43.93
2.184	12.12	49.09	0.61	6.55	409.11	0.65	43.91
2.208	12.13	49.1	0.42	6.65	462.26	0.64	43.91
2.236	12.12	49.11	0.65	6.75	408.16	0.59	43.92
2.256	12.13	49.11	0.53	7.06	372.54	0.67	43.92
2.257	12.13	49.1	0.69	7.08	451.04	0.69	43.91
2.26	12.13	49.1	0.57	7.06	425.26	0.72	43.91
2.265	12.13	49.1	0.61	7.04	428.92	0.63	43.91
2.271	12.13	49.1	0.65	7.0	448.75	0.72	43.9
2.279	12.13	49.1	0.69	6.95	452.72	0.71	43.91
2.297	12.13	49.1	0.61	6.9	414.17	0.72	43.91
2.321	12.13	49.1	1.07	6.86	463.34	0.68	43.91
2.344	12.12	49.1	0.46	6.82	396.05	0.72	43.92
2.361	12.12	49.11	0.92	6.79	466.35	0.71	43.92
2.378	12.12	49.1	0.76	6.78	442.96	0.72	43.91
2.398	12.12	49.1	0.84	6.78	397.71	0.75	43.91
2.415	12.12	49.1	0.76	6.78	506.35	0.72	43.92
2.433	12.12	49.09	0.53	6.78	396.69	0.77	43.91
2.463	12.12	49.09	0.8	6.79	413.98	0.66	43.91
2.499	12.12	49.1	0.76	6.79	392.21	0.69	43.93
2.54	12.11	49.1	0.57	6.77	424.96	0.66	43.92
2.592	12.11	49.09	0.76	6.76	351.57	0.69	43.91
2.644	12.11	49.1	0.53	6.73	401.04	0.72	43.92
2.686	12.11	49.1	0.38	6.7	405.05	0.71	43.93
2.711	12.11	49.1	0.46	6.68	394.03	0.78	43.93
2.725	12.11	49.08	0.42	6.66	440.1	0.84	43.91
2.766	12.11	49.06	0.69	6.64	357.65	0.72	43.89
2.833	12.11	49.09	0.65	6.63	369.36	0.75	43.93
2.894	12.11	49.09	0.57	6.62	403.55	0.82	43.93
2.945	12.11	49.07	0.53	6.64	344.87	0.85	43.9
2.992	12.11	49.07	0.61	6.68	350.19	0.82	43.9
3.031	12.11	49.08	0.38	6.73	385.45	0.7	43.91
3.051	12.11	49.08	0.57	6.81	350.11	0.76	43.91
3.062	12.1	49.06	0.5	6.91	339.56	0.82	43.9
3.071	12.1	49.07	0.61	7.04	336.11	0.76	43.91
3.09	12.1	49.07	0.57	7.16	411.97	0.74	43.91
3.144	12.1	49.05	0.5	7.28	331.62	0.74	43.89
3.22	12.1	49.06	0.72	7.36	339.08	0.76	43.9
3.272	12.1	49.06	0.61	7.42	324.85	0.79	43.91
3.302	12.1	49.05	0.57	7.45	309.13	0.8	43.89
3.341	12.1	49.04	0.57	7.46	347.28	0.84	43.89
3.393	12.1	49.05	0.57	7.46	358.65	0.79	43.89
3.44	12.1	49.06	0.57	7.46	313.24	0.77	43.9
3.473	12.1	49.08	0.5	7.47	351.32	0.8	43.92
3.492	12.1	49.11	0.65	7.49	334.32	0.83	43.95
3.502	12.11	49.12	0.46	7.53	313.17	0.84	43.96
3.506	12.11	49.14	0.46	7.56	344.47	0.78	43.97
3.521	12.11	49.15	0.61	7.6	309.63	0.85	43.98
3.544	12.11	49.15	0.53	7.62	338.69	0.87	43.99
3.579	12.11	49.16	0.61	7.66	303.81	0.93	43.99
3.61	12.11	49.16	0.5	7.67	314.63	0.84	43.99
3.63	12.11	49.16	0.57	7.68	311.43	0.79	44.0
3.631	12.11	49.18	0.69	7.74	305.22	0.79	44.01

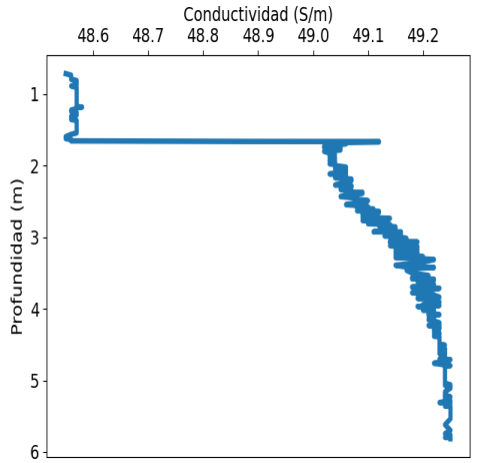
3.635	12.11	49.18	0.65	7.79	318.81	0.82	44.01
3.648	12.11	49.18	0.5	7.83	307.13	0.84	44.01
3.667	12.11	49.18	0.5	7.88	301.98	0.99	44.01
3.684	12.11	49.18	0.46	7.94	307.63	0.91	44.01
3.7	12.11	49.18	0.65	8.0	359.81	0.92	44.01
3.717	12.11	49.19	0.76	8.05	271.63	0.92	44.01
3.732	12.12	49.19	0.69	8.09	294.17	1.3	44.01
3.743	12.12	49.19	0.8	8.12	287.23	1.01	44.02
3.753	12.12	49.19	0.5	8.14	293.15	0.95	44.01
3.763	12.12	49.19	0.72	8.16	299.26	0.92	44.01
3.776	12.12	49.19	0.53	8.17	290.04	0.87	44.01
3.789	12.12	49.19	0.5	8.17	279.48	0.98	44.01
3.809	12.12	49.19	0.53	8.16	302.19	0.95	44.02
3.841	12.12	49.19	0.65	8.18	310.21	0.85	44.02
3.878	12.12	49.2	0.65	8.19	282.48	0.94	44.02
3.918	12.12	49.22	0.61	8.19	268.31	0.89	44.03
3.959	12.13	49.23	0.57	8.19	278.97	0.9	44.04
4.004	12.14	49.23	0.61	8.19	267.01	0.85	44.03
4.051	12.14	49.23	0.57	8.19	296.3	0.85	44.03
4.09	12.14	49.24	0.61	8.2	266.27	0.82	44.03
4.118	12.14	49.24	0.5	8.21	279.68	0.93	44.03
4.141	12.14	49.24	0.5	8.23	275.56	0.92	44.03
4.16	12.14	49.24	0.61	8.26	280.2	0.88	44.03
4.178	12.14	49.24	0.61	8.28	286.57	0.81	44.03
4.199	12.14	49.24	0.42	8.3	257.47	0.93	44.03
4.213	12.14	49.24	0.42	8.31	251.86	0.88	44.03
4.232	12.14	49.24	0.38	8.29	250.0	0.89	44.03
4.273	12.14	49.24	0.53	8.28	259.39	0.85	44.03
4.319	12.15	49.25	0.53	8.27	277.42	0.85	44.04
4.354	12.15	49.25	0.42	8.26	253.56	0.86	44.04
4.389	12.15	49.25	0.38	8.25	247.92	0.84	44.03
4.428	12.15	49.25	0.53	8.25	257.41	0.88	44.03
4.465	12.16	49.33	0.57	8.26	249.25	0.89	44.11
4.494	12.17	49.36	0.5	8.27	278.26	0.91	44.12
4.523	12.19	49.38	0.57	8.29	239.51	0.91	44.11
4.564	12.21	49.38	0.5	8.3	253.44	0.83	44.1
4.604	12.21	49.39	0.42	8.32	254.56	0.82	44.1
4.635	12.22	49.39	0.53	8.34	246.89	0.84	44.09
4.658	12.22	49.39	0.42	8.35	237.74	0.83	44.09
4.672	12.22	49.39	0.53	8.32	252.91	0.86	44.09
4.691	12.22	49.39	0.5	8.31	236.86	0.96	44.09
4.73	12.22	49.39	0.53	8.26	251.98	0.92	44.09
4.768	12.22	49.39	0.42	8.2	245.24	0.84	44.09
4.798	12.22	49.4	0.61	8.13	230.68	0.91	44.09
4.825	12.23	49.4	0.46	8.06	226.65	1.01	44.09
4.853	12.23	49.4	0.46	8.0	233.42	0.82	44.09
4.888	12.23	49.4	0.57	7.95	234.62	0.88	44.09
4.923	12.23	49.4	0.46	7.93	239.67	0.86	44.09
4.947	12.23	49.4	0.57	7.91	224.04	0.97	44.09
4.965	12.23	49.4	0.46	7.91	226.6	0.92	44.09
4.983	12.23	49.4	0.53	7.92	224.87	0.98	44.09
5.01	12.23	49.4	0.5	7.93	238.57	0.9	44.09
5.048	12.23	49.4	0.42	7.94	224.56	0.82	44.09
5.099	12.23	49.4	0.53	7.95	217.09	0.89	44.09
5.162	12.23	49.4	0.27	7.95	220.85	0.76	44.09
5.22	12.23	49.4	0.46	7.94	221.97	0.76	44.09
5.246	12.23	49.4	0.42	7.94	225.55	0.76	44.09
5.265	12.23	49.4	0.46	7.94	216.09	0.76	44.09

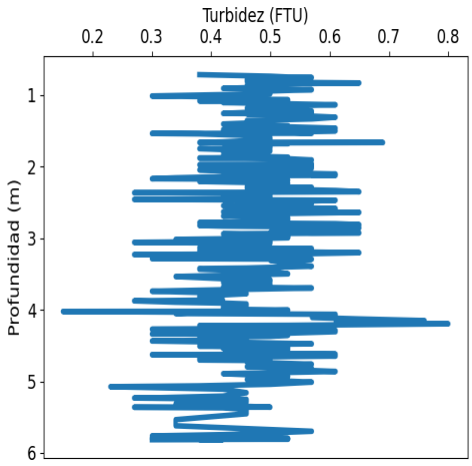
5.299	12.23	49.4	0.38	7.95	206.3	0.76	44.09
5.344	12.23	49.4	0.42	7.95	216.14	0.69	44.09
5.395	12.23	49.4	0.27	7.97	218.55	0.73	44.09
5.445	12.23	49.4	0.42	7.99	213.79	0.7	44.09
5.482	12.22	49.4	0.3	7.99	203.73	1.02	44.09
5.51	12.22	49.4	0.42	8.0	200.83	0.84	44.09
5.538	12.22	49.4	0.46	8.0	212.12	0.77	44.09
5.563	12.22	49.4	0.27	8.0	204.96	0.72	44.09
5.579	12.22	49.4	0.3	7.98	201.52	0.77	44.09
5.594	12.22	49.4	0.27	7.97	205.25	0.76	44.09
5.612	12.22	49.4	0.42	7.96	207.93	0.89	44.09
5.639	12.22	49.4	0.34	7.95	203.59	0.84	44.09
5.668	12.22	49.4	0.46	7.97	198.01	0.82	44.09
5.683	12.22	49.4	0.46	7.99	195.0	0.74	44.09
5.695	12.22	49.4	0.23	8.01	196.86	0.79	44.09
5.717	12.22	49.4	0.38	8.03	196.09	0.79	44.09
5.745	12.22	49.4	0.46	8.04	188.42	0.78	44.1
5.777	12.23	49.4	0.42	8.05	184.15	0.79	44.1
5.824	12.23	49.4	0.42	8.05	187.21	0.72	44.1
5.866	12.23	49.41	0.23	8.03	189.43	0.73	44.1
5.898	12.23	49.41	0.53	8.01	189.12	0.78	44.1
5.927	12.23	49.41	0.53	8.0	181.31	0.8	44.1
5.96	12.23	49.41	0.38	7.99	187.99	0.82	44.09
5.993	12.23	49.41	0.34	7.99	192.08	0.87	44.1
6.018	12.23	49.41	0.3	8.0	193.2	0.83	44.1
6.041	12.24	49.41	0.23	8.02	190.49	0.8	44.1
6.067	12.24	49.41	0.42	8.04	188.95	0.78	44.1
6.09	12.24	49.42	0.38	8.06	188.69	0.76	44.1
6.109	12.24	49.42	0.38	8.08	199.53	0.77	44.09
6.14	12.24	49.42	0.46	8.09	197.59	0.8	44.1
6.196	12.24	49.42	0.27	8.1	189.96	0.7	44.1
6.247	12.24	49.41	0.38	8.1	192.66	0.76	44.09
6.284	12.24	49.41	0.34	8.1	187.9	0.73	44.09
6.342	12.24	49.41	0.42	8.1	185.35	0.72	44.09
6.42	12.23	49.41	0.27	8.1	187.51	0.71	44.09
6.486	12.23	49.41	0.27	8.1	181.9	0.73	44.09
6.529	12.23	49.42	0.34	8.09	182.96	0.71	44.1
6.556	12.24	49.42	0.38	8.09	182.96	0.72	44.1
6.568	12.24	49.41	0.46	8.09	190.31	0.69	44.09
6.571	12.24	49.41	0.27	8.09	179.35	0.65	44.09
6.573	12.24	49.41	0.42	8.09	194.23	0.67	44.09
6.575	12.24	49.41	0.23	8.08	182.7	0.66	44.09
6.576	12.24	49.41	0.38	8.09	182.03	0.64	44.09
6.577	12.24	49.41	0.38	8.1	185.69	0.66	44.1

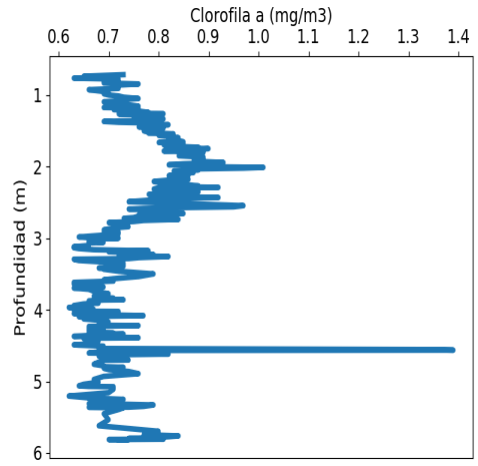
Nombre: CTD E12 - Punto 013 **Fecha: 16/01/2024** **Hora: 10:01:38**

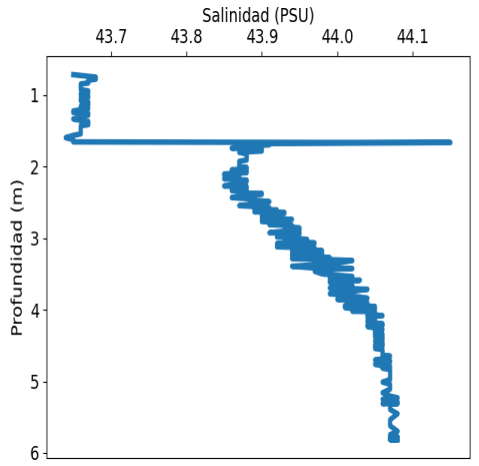


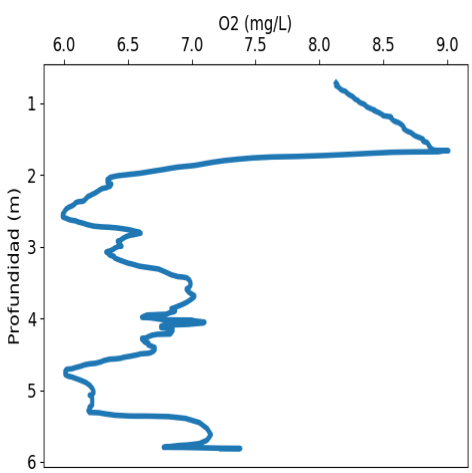


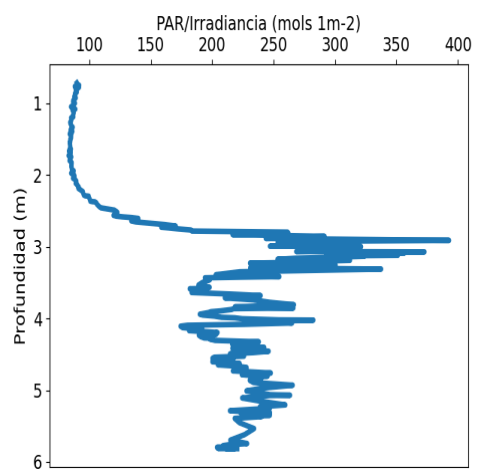












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.86	48.55	0.15	5.99	82.85	0.62	43.64
PROF (metros)	0.735	0.713	4.023	2.544	1.728	3.967	1.594
MÁXIMO	12.15	12.15	0.8	9.01	393.03	1.39	44.15
PROF (metros)	2.982	4.71	4.196	1.661	2.911	4.564	1.662

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.87	48.57	0.49	8.21	88.96	0.7	43.67
1 - 2m	11.96	48.74	0.49	8.24	85.12	0.8	43.75
2 - 3m	12.13	49.09	0.5	6.27	149.78	0.8	43.9
3 - 4m	12.14	49.19	0.44	6.71	246.8	0.69	43.99
4 - 5m	12.11	49.23	0.49	6.51	220.56	0.71	44.05
5 - 6m	12.11	49.25	0.4	6.66	228.34	0.72	44.07

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	11.87	48.55	0.38	8.13	89.69	0.73	43.65
0.735	11.86	48.56	0.5	8.14	90.38	0.65	43.67
0.747	11.86	48.56	0.53	8.13	91.64	0.69	43.68
0.753	11.86	48.56	0.57	8.13	90.1	0.67	43.68
0.762	11.86	48.56	0.5	8.14	87.94	0.63	43.68
0.776	11.87	48.56	0.46	8.15	91.51	0.72	43.68
0.793	11.87	48.56	0.46	8.16	88.55	0.69	43.67
0.809	11.87	48.57	0.46	8.17	89.85	0.72	43.67
0.819	11.88	48.57	0.5	8.18	89.79	0.69	43.67
0.829	11.88	48.57	0.65	8.2	88.82	0.69	43.67
0.843	11.88	48.57	0.5	8.21	89.73	0.76	43.66
0.863	11.88	48.57	0.46	8.22	88.08	0.71	43.66
0.886	11.88	48.56	0.5	8.24	88.53	0.72	43.66
0.905	11.88	48.57	0.42	8.26	87.47	0.72	43.66
0.923	11.88	48.57	0.57	8.27	88.86	0.66	43.66
0.941	11.88	48.57	0.5	8.28	87.77	0.68	43.67
0.958	11.88	48.57	0.5	8.3	86.68	0.7	43.67
0.98	11.88	48.57	0.5	8.31	86.54	0.69	43.66
0.998	11.88	48.57	0.38	8.33	88.26	0.7	43.66
1.011	11.88	48.57	0.3	8.35	87.1	0.72	43.67
1.028	11.88	48.57	0.46	8.36	86.9	0.73	43.67
1.047	11.88	48.57	0.42	8.37	84.78	0.76	43.66
1.064	11.88	48.57	0.53	8.39	86.42	0.72	43.66
1.08	11.88	48.57	0.38	8.41	88.55	0.72	43.66
1.093	11.88	48.57	0.53	8.43	86.08	0.69	43.67
1.103	11.88	48.57	0.42	8.43	86.34	0.73	43.67
1.116	11.88	48.57	0.5	8.45	86.84	0.72	43.67
1.134	11.88	48.57	0.61	8.47	87.21	0.74	43.67
1.154	11.88	48.57	0.5	8.49	86.78	0.76	43.66
1.172	11.88	48.57	0.5	8.5	86.32	0.69	43.66
1.181	11.88	48.58	0.46	8.54	86.32	0.76	43.67
1.187	11.88	48.57	0.5	8.56	86.88	0.72	43.67
1.202	11.88	48.57	0.5	8.56	84.87	0.71	43.66
1.222	11.88	48.56	0.57	8.57	85.39	0.76	43.65
1.241	11.88	48.56	0.46	8.58	84.93	0.78	43.65
1.255	11.88	48.57	0.42	8.6	84.87	0.74	43.67

1.26	11.88	48.57	0.57	8.6	84.91	0.81	43.67
1.262	11.88	48.57	0.46	8.61	84.23	0.72	43.67
1.268	11.88	48.57	0.53	8.62	84.17	0.76	43.67
1.28	11.88	48.57	0.53	8.63	84.8	0.8	43.67
1.293	11.88	48.57	0.57	8.64	84.68	0.76	43.66
1.308	11.88	48.56	0.61	8.65	85.19	0.75	43.66
1.332	11.88	48.56	0.57	8.66	86.38	0.81	43.65
1.354	11.88	48.56	0.46	8.66	85.03	0.76	43.66
1.367	11.88	48.57	0.46	8.67	84.5	0.69	43.67
1.379	11.88	48.57	0.46	8.68	84.68	0.72	43.67
1.39	11.88	48.57	0.46	8.69	86.1	0.79	43.67
1.403	11.88	48.57	0.42	8.71	85.6	0.77	43.67
1.413	11.88	48.57	0.46	8.72	84.11	0.82	43.67
1.427	11.88	48.57	0.53	8.73	83.8	0.79	43.66
1.443	11.88	48.57	0.53	8.74	85.17	0.76	43.66
1.461	11.88	48.57	0.61	8.76	84.99	0.81	43.66
1.481	11.88	48.57	0.42	8.79	85.07	0.78	43.66
1.498	11.88	48.57	0.61	8.81	84.28	0.77	43.66
1.518	11.89	48.57	0.53	8.81	84.4	0.78	43.66
1.532	11.89	48.57	0.57	8.82	84.23	0.78	43.66
1.535	11.89	48.57	0.3	8.82	84.28	0.81	43.66
1.541	11.89	48.57	0.38	8.84	83.86	0.83	43.66
1.562	11.88	48.56	0.46	8.85	83.88	0.8	43.65
1.594	11.88	48.55	0.5	8.86	84.34	0.84	43.64
1.62	11.88	48.55	0.5	8.87	84.11	0.82	43.65
1.637	11.88	48.56	0.46	8.88	84.97	0.84	43.65
1.653	11.89	48.56	0.42	8.9	83.45	0.85	43.65
1.661	11.89	48.89	0.38	9.01	84.42	0.8	43.98
1.662	11.95	49.12	0.69	8.97	84.11	0.82	44.15
1.668	12.02	49.12	0.42	8.95	83.47	0.82	44.05
1.674	12.06	49.08	0.5	8.93	84.54	0.83	43.96
1.677	12.09	49.05	0.53	8.72	83.56	0.85	43.9
1.681	12.09	49.06	0.46	8.58	84.32	0.85	43.91
1.694	12.09	49.06	0.5	8.42	84.76	0.81	43.91
1.712	12.09	49.04	0.46	8.22	83.7	0.82	43.88
1.728	12.1	49.02	0.5	8.02	82.85	0.88	43.87
1.74	12.1	49.02	0.5	7.82	84.42	0.86	43.86
1.747	12.09	49.03	0.38	7.63	85.27	0.9	43.88
1.76	12.09	49.05	0.42	7.48	84.62	0.88	43.9
1.78	12.09	49.05	0.5	7.35	83.95	0.81	43.9
1.799	12.09	49.02	0.42	7.25	83.66	0.89	43.87
1.822	12.09	49.03	0.46	7.16	85.52	0.85	43.88
1.847	12.09	49.04	0.42	7.08	85.45	0.84	43.88
1.866	12.1	49.03	0.53	7.02	85.07	0.89	43.88
1.878	12.1	49.03	0.38	6.95	85.48	0.89	43.88
1.889	12.1	49.04	0.53	6.89	85.27	0.88	43.88
1.906	12.1	49.04	0.57	6.83	85.41	0.87	43.88
1.925	12.1	49.03	0.53	6.77	86.0	0.88	43.87
1.941	12.1	49.04	0.5	6.71	87.21	0.93	43.87
1.959	12.11	49.04	0.57	6.65	86.2	0.85	43.87
1.973	12.11	49.03	0.38	6.6	84.91	0.82	43.87
1.983	12.11	49.04	0.57	6.55	85.76	0.88	43.87
1.992	12.11	49.04	0.53	6.5	86.7	0.92	43.87
2.001	12.11	49.04	0.53	6.46	87.65	0.91	43.87
2.009	12.11	49.05	0.46	6.42	87.06	1.01	43.88
2.02	12.11	49.06	0.57	6.39	87.61	0.97	43.88
2.032	12.12	49.06	0.5	6.36	87.51	0.86	43.88
2.044	12.12	49.04	0.38	6.36	86.44	0.88	43.86

2.06	12.12	49.06	0.42	6.34	88.18	0.83	43.88
2.082	12.12	49.06	0.5	6.34	89.27	0.87	43.88
2.102	12.12	49.04	0.61	6.34	89.13	0.83	43.85
2.115	12.12	49.03	0.57	6.35	88.65	0.86	43.85
2.121	12.12	49.04	0.61	6.36	89.5	0.84	43.86
2.125	12.12	49.05	0.42	6.37	89.46	0.82	43.86
2.129	12.12	49.06	0.5	6.37	89.56	0.85	43.87
2.139	12.12	49.06	0.42	6.36	90.12	0.85	43.87
2.155	12.12	49.05	0.34	6.36	90.77	0.85	43.87
2.168	12.12	49.04	0.3	6.34	90.84	0.84	43.85
2.176	12.12	49.05	0.5	6.33	91.43	0.86	43.86
2.187	12.12	49.07	0.53	6.3	90.94	0.82	43.88
2.206	12.13	49.07	0.38	6.28	92.67	0.79	43.88
2.231	12.13	49.06	0.53	6.26	94.68	0.81	43.87
2.253	12.13	49.05	0.5	6.24	94.8	0.86	43.86
2.269	12.12	49.04	0.53	6.22	95.17	0.88	43.85
2.28	12.12	49.07	0.46	6.21	95.41	0.85	43.88
2.289	12.13	49.05	0.57	6.2	96.44	0.92	43.86
2.294	12.13	49.07	0.46	6.19	99.38	0.8	43.88
2.312	12.13	49.06	0.5	6.18	99.52	0.79	43.88
2.332	12.13	49.05	0.61	6.17	100.17	0.8	43.86
2.35	12.13	49.07	0.65	6.16	100.45	0.88	43.88
2.364	12.13	49.06	0.27	6.15	100.61	0.87	43.87
2.371	12.13	49.06	0.46	6.12	102.76	0.84	43.87
2.372	12.13	49.09	0.5	6.11	104.29	0.81	43.9
2.386	12.13	49.09	0.42	6.09	105.58	0.78	43.9
2.409	12.13	49.06	0.5	6.08	106.17	0.79	43.87
2.431	12.13	49.05	0.42	6.06	107.53	0.92	43.86
2.446	12.13	49.07	0.5	6.04	108.38	0.82	43.88
2.457	12.13	49.08	0.27	6.03	109.47	0.79	43.89
2.468	12.13	49.08	0.61	6.02	113.32	0.78	43.89
2.489	12.13	49.1	0.53	6.01	120.33	0.74	43.91
2.519	12.13	49.08	0.57	6.0	122.75	0.87	43.89
2.544	12.13	49.06	0.42	5.99	121.67	0.97	43.87
2.561	12.13	49.09	0.46	5.99	119.47	0.95	43.9
2.573	12.13	49.1	0.5	5.99	121.9	0.83	43.91
2.583	12.13	49.09	0.61	5.99	127.09	0.77	43.9
2.592	12.13	49.08	0.5	6.0	133.86	0.74	43.89
2.605	12.13	49.11	0.61	6.02	139.83	0.79	43.92
2.621	12.13	49.09	0.57	6.04	137.93	0.77	43.9
2.63	12.13	49.08	0.42	6.06	134.99	0.82	43.89
2.638	12.13	49.12	0.65	6.09	133.93	0.79	43.93
2.653	12.13	49.12	0.53	6.11	137.77	0.85	43.93
2.672	12.13	49.09	0.46	6.15	150.14	0.76	43.9
2.69	12.13	49.09	0.42	6.18	161.06	0.76	43.9
2.711	12.13	49.11	0.53	6.23	170.31	0.75	43.92
2.722	12.13	49.09	0.46	6.29	162.0	0.73	43.9
2.727	12.13	49.11	0.46	6.35	158.4	0.74	43.91
2.736	12.13	49.14	0.53	6.41	164.34	0.84	43.94
2.751	12.13	49.1	0.46	6.47	172.54	0.77	43.9
2.766	12.13	49.09	0.53	6.52	182.66	0.75	43.9
2.781	12.13	49.12	0.38	6.55	183.47	0.7	43.93
2.796	12.13	49.13	0.61	6.59	261.38	0.73	43.93
2.81	12.13	49.1	0.65	6.6	262.11	0.72	43.91
2.821	12.13	49.14	0.38	6.57	246.15	0.73	43.94
2.83	12.13	49.13	0.42	6.55	216.49	0.73	43.93
2.838	12.13	49.12	0.53	6.52	242.24	0.74	43.93
2.855	12.13	49.15	0.65	6.49	291.59	0.71	43.95

2.883	12.13	49.15	0.53	6.46	243.54	0.69	43.95
2.911	12.14	49.12	0.5	6.44	393.03	0.72	43.92
2.924	12.14	49.11	0.57	6.42	280.52	0.69	43.91
2.925	12.14	49.16	0.65	6.43	265.59	0.7	43.95
2.938	12.14	49.16	0.42	6.43	253.21	0.72	43.95
2.961	12.14	49.14	0.53	6.44	303.31	0.68	43.93
2.982	12.15	49.13	0.53	6.44	288.97	0.64	43.92
2.992	12.15	49.15	0.5	6.45	246.89	0.66	43.94
2.993	12.15	49.16	0.53	6.43	320.44	0.68	43.94
2.999	12.15	49.16	0.5	6.42	321.33	0.72	43.94
3.016	12.15	49.17	0.34	6.4	310.93	0.66	43.96
3.04	12.15	49.15	0.5	6.38	280.78	0.66	43.93
3.057	12.15	49.14	0.27	6.36	296.5	0.69	43.93
3.066	12.15	49.19	0.42	6.34	268.38	0.66	43.97
3.071	12.15	49.16	0.5	6.34	372.97	0.66	43.94
3.074	12.15	49.14	0.38	6.33	302.05	0.66	43.92
3.083	12.15	49.18	0.42	6.34	357.07	0.66	43.96
3.101	12.15	49.18	0.46	6.35	326.82	0.66	43.96
3.119	12.15	49.14	0.46	6.36	351.32	0.63	43.92
3.128	12.15	49.16	0.5	6.38	292.81	0.66	43.95
3.132	12.15	49.19	0.38	6.39	323.87	0.63	43.97
3.144	12.14	49.17	0.57	6.39	303.31	0.64	43.96
3.16	12.14	49.15	0.46	6.4	268.06	0.67	43.94
3.175	12.14	49.19	0.38	6.42	253.09	0.78	43.98
3.189	12.14	49.17	0.53	6.44	312.3	0.7	43.96
3.202	12.14	49.15	0.65	6.46	286.17	0.75	43.94
3.215	12.15	49.19	0.57	6.48	274.86	0.76	43.98
3.228	12.15	49.19	0.27	6.5	230.68	0.79	43.97
3.24	12.14	49.15	0.46	6.53	286.84	0.72	43.94
3.255	12.14	49.18	0.38	6.56	300.58	0.82	43.97
3.271	12.14	49.2	0.53	6.59	281.3	0.76	43.99
3.284	12.14	49.15	0.3	6.64	265.53	0.74	43.94
3.293	12.14	49.18	0.57	6.68	230.84	0.63	43.97
3.311	12.14	49.22	0.5	6.74	337.67	0.64	44.02
3.349	12.14	49.2	0.53	6.79	222.44	0.73	44.0
3.391	12.14	49.15	0.57	6.84	202.79	0.73	43.94
3.416	12.14	49.17	0.46	6.89	254.74	0.68	43.97
3.423	12.14	49.22	0.38	6.93	224.61	0.69	44.02
3.433	12.13	49.19	0.38	6.96	193.92	0.69	43.99
3.461	12.13	49.17	0.5	6.98	198.05	0.72	43.97
3.498	12.13	49.18	0.53	6.99	192.0	0.79	43.98
3.535	12.13	49.21	0.34	6.99	188.64	0.76	44.02
3.565	12.13	49.18	0.42	6.98	197.96	0.71	43.99
3.581	12.13	49.18	0.5	6.97	194.46	0.69	43.99
3.586	12.13	49.22	0.46	6.96	181.61	0.71	44.03
3.598	12.13	49.22	0.5	6.96	186.17	0.71	44.02
3.617	12.13	49.19	0.42	6.97	187.64	0.63	43.99
3.638	12.13	49.2	0.5	6.98	183.09	0.63	44.0
3.659	12.13	49.22	0.46	7.0	214.19	0.64	44.02
3.681	12.13	49.2	0.42	7.02	239.51	0.69	44.0
3.696	12.13	49.18	0.57	7.02	222.28	0.63	43.99
3.713	12.13	49.23	0.46	7.01	210.16	0.66	44.04
3.74	12.13	49.21	0.3	6.99	233.21	0.67	44.02
3.775	12.13	49.18	0.46	6.96	246.78	0.7	43.99
3.809	12.13	49.22	0.38	6.92	266.64	0.67	44.02
3.838	12.13	49.23	0.38	6.88	218.35	0.71	44.04
3.854	12.13	49.19	0.38	6.86	266.21	0.69	44.0
3.86	12.13	49.22	0.42	6.85	228.24	0.73	44.03

3.863	12.13	49.22	0.42	6.84	217.59	0.69	44.03
3.875	12.13	49.22	0.27	6.86	215.69	0.66	44.03
3.894	12.12	49.21	0.34	6.87	207.02	0.66	44.02
3.906	12.12	49.23	0.42	6.86	198.93	0.68	44.04
3.918	12.12	49.21	0.46	6.83	196.95	0.65	44.02
3.941	12.12	49.2	0.46	6.8	189.78	0.63	44.01
3.953	12.12	49.23	0.42	6.65	192.31	0.66	44.05
3.967	12.12	49.19	0.42	6.63	201.71	0.62	44.01
3.984	12.12	49.2	0.46	6.61	207.5	0.65	44.02
3.991	12.12	49.22	0.42	6.68	218.3	0.67	44.05
4.004	12.12	49.21	0.53	6.73	224.35	0.63	44.03
4.02	12.12	49.2	0.46	6.79	254.21	0.65	44.02
4.023	12.12	49.22	0.15	7.0	282.48	0.72	44.04
4.034	12.12	49.22	0.38	7.02	258.91	0.69	44.05
4.052	12.11	49.22	0.34	7.1	259.39	0.63	44.05
4.063	12.11	49.21	0.61	7.09	265.16	0.65	44.04
4.082	12.11	49.23	0.61	6.97	225.55	0.77	44.06
4.095	12.11	49.21	0.57	6.78	179.89	0.64	44.04
4.108	12.11	49.22	0.57	6.76	174.07	0.65	44.04
4.128	12.11	49.22	0.65	6.76	175.85	0.65	44.05
4.151	12.11	49.21	0.76	6.85	191.95	0.69	44.04
4.17	12.11	49.22	0.61	6.85	181.06	0.7	44.04
4.196	12.11	49.23	0.8	6.84	204.39	0.68	44.06
4.217	12.11	49.22	0.53	6.83	199.11	0.7	44.04
4.221	12.11	49.23	0.38	6.73	203.26	0.76	44.06
4.233	12.11	49.21	0.53	6.69	188.99	0.66	44.04
4.254	12.11	49.23	0.53	6.66	190.62	0.66	44.05
4.272	12.11	49.22	0.3	6.64	193.42	0.66	44.05
4.277	12.11	49.23	0.42	6.61	200.55	0.69	44.06
4.287	12.11	49.22	0.61	6.61	198.01	0.69	44.05
4.306	12.11	49.22	0.61	6.62	202.27	0.66	44.05
4.326	12.11	49.22	0.53	6.63	238.07	0.71	44.05
4.338	12.11	49.23	0.3	6.64	218.86	0.66	44.05
4.339	12.11	49.23	0.53	6.65	226.65	0.73	44.05
4.341	12.11	49.23	0.42	6.66	225.34	0.72	44.06
4.355	12.11	49.23	0.53	6.66	216.09	0.67	44.06
4.371	12.11	49.22	0.5	6.66	230.09	0.63	44.05
4.383	12.11	49.22	0.38	6.68	224.46	0.72	44.05
4.391	12.11	49.23	0.38	6.69	224.67	0.76	44.06
4.398	12.11	49.23	0.38	6.7	226.02	0.65	44.06
4.404	12.11	49.23	0.42	6.71	242.41	0.65	44.06
4.417	12.11	49.23	0.46	6.71	216.34	0.66	44.06
4.436	12.11	49.23	0.3	6.71	232.78	0.68	44.05
4.457	12.11	49.23	0.46	6.7	246.03	0.67	44.06
4.476	12.11	49.23	0.57	6.68	233.8	0.66	44.06
4.486	12.11	49.23	0.46	6.66	222.03	0.64	44.05
4.489	12.11	49.23	0.42	6.63	217.69	0.63	44.05
4.494	12.12	49.23	0.5	6.6	214.39	0.64	44.06
4.508	12.12	49.24	0.38	6.57	225.19	0.69	44.06
4.526	12.12	49.23	0.53	6.52	225.97	0.69	44.05
4.541	12.12	49.23	0.42	6.47	201.67	0.68	44.05
4.556	12.12	49.24	0.53	6.44	200.08	1.35	44.06
4.564	12.11	49.23	0.5	6.4	204.73	1.39	44.06
4.568	12.11	49.23	0.46	6.36	217.29	0.79	44.06
4.575	12.11	49.24	0.5	6.34	210.65	0.74	44.06
4.589	12.12	49.24	0.53	6.31	202.27	0.68	44.06
4.604	12.12	49.23	0.46	6.29	200.04	0.66	44.06
4.619	12.12	49.24	0.61	6.26	214.99	0.82	44.06

4.627	12.12	49.23	0.3	6.24	222.34	0.73	44.06
4.633	12.12	49.24	0.53	6.2	218.3	0.71	44.06
4.647	12.12	49.24	0.61	6.16	204.58	0.68	44.07
4.666	12.12	49.24	0.38	6.13	220.79	0.71	44.06
4.685	12.12	49.24	0.38	6.09	228.08	0.71	44.06
4.702	12.12	49.23	0.38	6.06	218.45	0.74	44.05
4.705	12.12	49.23	0.42	6.04	217.95	0.69	44.06
4.71	12.12	49.25	0.5	6.02	226.81	0.69	44.07
4.731	12.12	49.24	0.46	6.01	216.74	0.68	44.07
4.761	12.12	49.22	0.57	6.01	247.81	0.67	44.05
4.784	12.12	49.24	0.5	6.01	224.04	0.69	44.06
4.795	12.11	49.25	0.46	6.02	231.48	0.69	44.07
4.804	12.11	49.24	0.5	6.03	245.18	0.73	44.06
4.816	12.11	49.24	0.57	6.06	233.26	0.69	44.06
4.836	12.11	49.24	0.53	6.09	240.17	0.7	44.07
4.862	12.11	49.24	0.61	6.13	230.47	0.74	44.07
4.893	12.11	49.24	0.42	6.17	233.53	0.76	44.07
4.931	12.11	49.24	0.53	6.2	265.65	0.69	44.07
4.974	12.11	49.24	0.46	6.22	239.84	0.67	44.07
5.011	12.11	49.24	0.57	6.23	227.76	0.68	44.06
5.041	12.11	49.24	0.5	6.23	239.95	0.65	44.07
5.063	12.12	49.25	0.38	6.22	247.06	0.64	44.07
5.071	12.12	49.24	0.27	6.2	263.51	0.66	44.07
5.075	12.12	49.25	0.23	6.21	246.95	0.71	44.07
5.109	12.12	49.25	0.42	6.22	224.3	0.71	44.07
5.159	12.12	49.24	0.46	6.22	241.12	0.7	44.06
5.206	12.12	49.24	0.42	6.22	259.63	0.62	44.07
5.231	12.12	49.25	0.3	6.21	238.79	0.66	44.08
5.233	12.12	49.24	0.27	6.2	244.44	0.66	44.07
5.252	12.12	49.24	0.46	6.2	247.06	0.73	44.06
5.287	12.12	49.25	0.46	6.19	214.34	0.7	44.08
5.311	12.12	49.23	0.38	6.2	237.3	0.66	44.06
5.312	12.11	49.25	0.34	6.23	247.06	0.66	44.08
5.315	12.11	49.24	0.42	6.27	222.95	0.7	44.07
5.33	12.11	49.24	0.42	6.32	225.34	0.79	44.07
5.35	12.11	49.24	0.46	6.4	247.01	0.77	44.07
5.361	12.11	49.24	0.5	6.52	238.01	0.74	44.07
5.362	12.11	49.25	0.27	6.66	239.17	0.66	44.07
5.369	12.11	49.25	0.42	6.82	240.29	0.73	44.07
5.394	12.11	49.25	0.46	6.95	218.2	0.72	44.07
5.453	12.11	49.25	0.46	7.06	222.08	0.69	44.08
5.536	12.11	49.25	0.34	7.12	234.18	0.7	44.07
5.621	12.11	49.24	0.34	7.15	226.29	0.68	44.07
5.698	12.11	49.25	0.57	7.12	214.64	0.8	44.08
5.745	12.11	49.24	0.42	7.06	228.55	0.77	44.07
5.763	12.11	49.25	0.3	6.98	212.9	0.84	44.07
5.774	12.11	49.25	0.34	6.89	208.7	0.82	44.08
5.789	12.11	49.25	0.38	6.82	209.43	0.78	44.07
5.797	12.11	49.24	0.53	6.78	215.54	0.76	44.07
5.798	12.11	49.25	0.38	6.86	203.78	0.74	44.08
5.799	12.11	49.25	0.5	6.95	215.04	0.77	44.07
5.805	12.11	49.25	0.3	7.08	207.69	0.78	44.07
5.809	12.11	49.25	0.53	7.2	213.15	0.81	44.08
5.812	12.11	49.25	0.38	7.3	204.63	0.72	44.07
5.814	12.11	49.25	0.42	7.38	218.45	0.7	44.08
5.815	12.11	49.25	0.38	7.3	211.09	0.74	44.07
5.816	12.11	49.25	0.3	7.23	220.44	0.72	44.08

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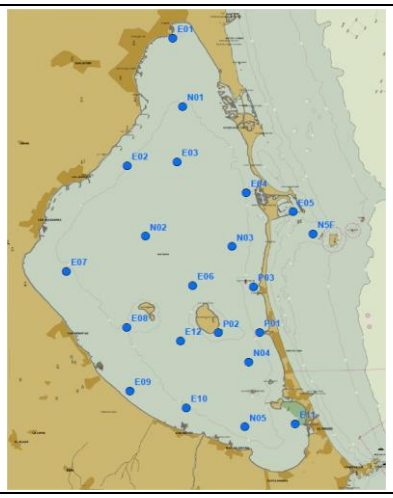
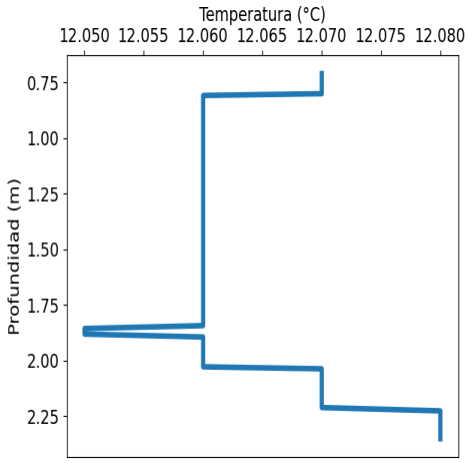
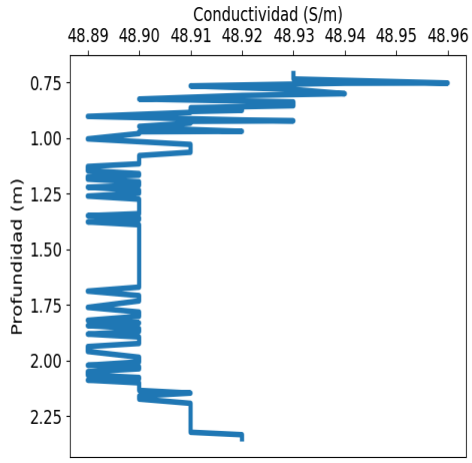
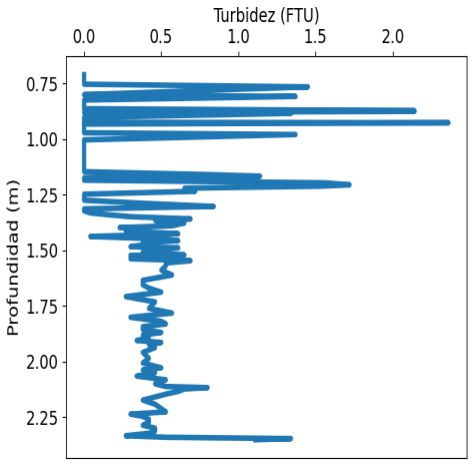
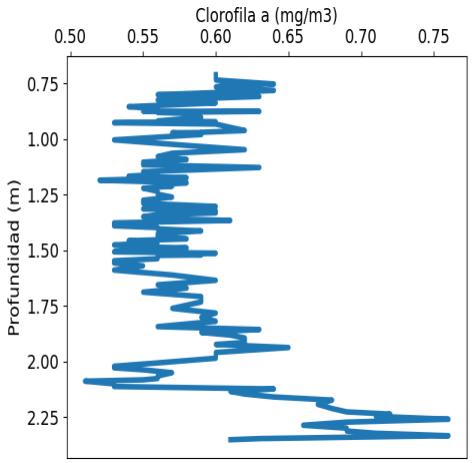
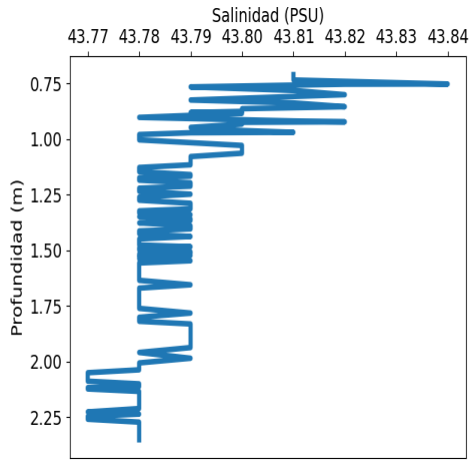


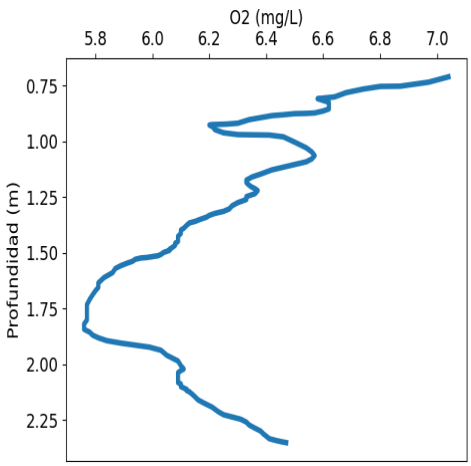


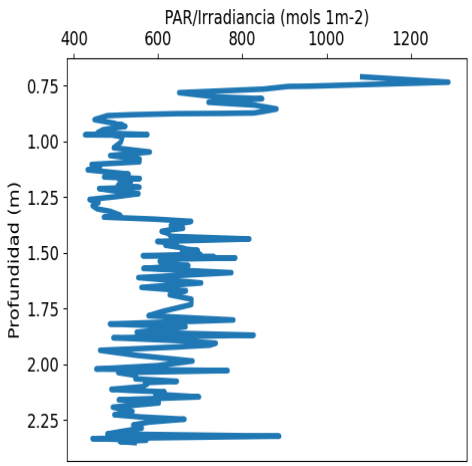












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.05	48.89	0.0	5.76	426.54	0.51	43.77
PROF (metros)	1.856	0.903	0.711	1.819	0.971	2.088	2.05
MÁXIMO	12.08	12.08	2.37	7.04	1289.2	0.76	43.84
PROF (metros)	2.226	0.753	0.927	0.711	0.735	2.259	0.753

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.06	48.91	1.48	6.52	675.55	0.59	43.8
1 - 2m	12.06	48.9	0.52	6.01	617.41	0.57	43.79
2 - 3m	12.07	48.9	0.51	6.22	568.52	0.63	43.78

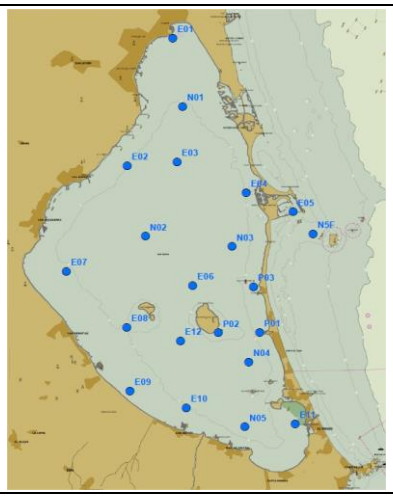
OBSERVACIONES GENERALES

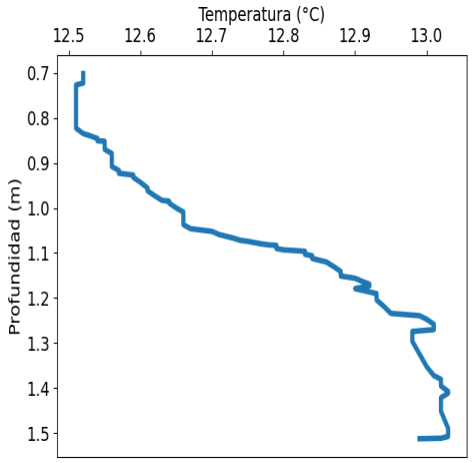
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	12.07	48.93	0.0	7.04	1084.0	0.6	43.81
0.735	12.07	48.93	0.0	6.97	1289.2	0.6	43.81
0.753	12.07	48.96	0.0	6.87	957.1	0.64	43.84
0.754	12.07	48.94	0.0	6.8	908.47	0.61	43.82
0.766	12.07	48.91	1.45	6.74	850.2	0.6	43.79
0.782	12.07	48.93	0.76	6.68	649.77	0.64	43.81
0.801	12.07	48.94	0.0	6.64	738.11	0.56	43.82
0.809	12.06	48.92	1.37	6.58	847.45	0.63	43.81
0.825	12.06	48.9	0.0	6.62	719.36	0.56	43.79
0.838	12.06	48.93	0.0	6.62	829.76	0.6	43.81
0.855	12.06	48.93	0.0	6.62	881.5	0.54	43.82
0.864	12.06	48.91	0.0	6.6	857.12	0.56	43.8
0.873	12.06	48.91	2.14	6.57	827.84	0.56	43.8
0.875	12.06	48.92	0.38	6.54	750.18	0.55	43.8
0.876	12.06	48.92	2.14	6.5	646.61	0.63	43.8
0.881	12.06	48.91	0.0	6.46	534.19	0.56	43.79
0.885	12.06	48.91	1.34	6.42	479.84	0.58	43.8
0.903	12.06	48.89	0.0	6.34	448.96	0.59	43.78
0.919	12.06	48.92	0.0	6.3	496.24	0.56	43.81
0.923	12.06	48.93	0.0	6.26	501.79	0.6	43.82
0.925	12.06	48.91	0.0	6.21	515.11	0.54	43.8
0.927	12.06	48.91	2.36	6.2	512.13	0.53	43.8
0.933	12.06	48.91	0.0	6.21	523.05	0.6	43.8
0.948	12.06	48.9	0.0	6.22	469.39	0.61	43.79
0.962	12.06	48.91	0.0	6.25	456.09	0.62	43.8
0.97	12.06	48.92	0.0	6.3	575.19	0.59	43.81
0.971	12.06	48.91	0.0	6.35	426.54	0.59	43.8
0.972	12.06	48.9	0.0	6.41	490.75	0.57	43.79
0.98	12.06	48.9	1.37	6.46	515.94	0.59	43.78
1.004	12.06	48.89	0.0	6.5	511.89	0.53	43.78
1.029	12.06	48.91	0.0	6.54	494.63	0.58	43.8
1.048	12.06	48.91	0.0	6.56	580.95	0.62	43.8
1.064	12.06	48.91	0.0	6.57	485.99	0.57	43.8
1.079	12.06	48.9	0.0	6.56	556.69	0.56	43.79
1.092	12.06	48.9	0.0	6.54	556.31	0.58	43.79
1.104	12.06	48.9	0.0	6.5	441.94	0.55	43.79
1.116	12.06	48.9	0.0	6.46	462.58	0.55	43.79
1.128	12.06	48.89	0.0	6.42	432.71	0.63	43.78
1.147	12.06	48.89	0.0	6.38	530.49	0.55	43.78

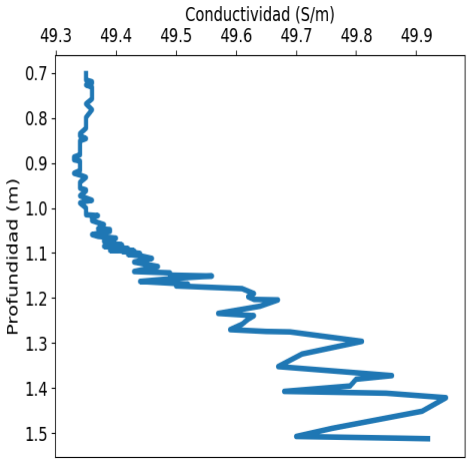
1.16	12.06	48.9	0.8	6.35	471.68	0.56	43.79
1.167	12.06	48.9	1.14	6.34	557.21	0.54	43.79
1.174	12.06	48.89	0.0	6.33	507.87	0.58	43.78
1.185	12.06	48.89	0.0	6.33	535.56	0.52	43.78
1.197	12.06	48.9	1.56	6.34	504.59	0.58	43.79
1.206	12.06	48.9	1.72	6.35	556.31	0.56	43.79
1.212	12.06	48.9	1.53	6.36	459.8	0.57	43.79
1.221	12.06	48.89	0.65	6.37	491.09	0.55	43.78
1.235	12.06	48.9	0.72	6.36	553.99	0.56	43.78
1.248	12.06	48.9	0.0	6.33	501.44	0.56	43.79
1.261	12.06	48.89	0.0	6.33	437.05	0.57	43.78
1.275	12.06	48.9	0.0	6.3	459.17	0.55	43.78
1.289	12.06	48.9	0.38	6.28	444.3	0.55	43.79
1.303	12.06	48.9	0.84	6.27	455.35	0.6	43.79
1.314	12.06	48.9	0.0	6.25	486.9	0.55	43.79
1.323	12.06	48.9	0.0	6.22	499.35	0.6	43.78
1.332	12.06	48.9	0.04	6.2	511.06	0.6	43.78
1.34	12.06	48.9	0.15	6.19	471.13	0.56	43.79
1.349	12.06	48.89	0.3	6.17	592.37	0.55	43.78
1.359	12.06	48.9	0.69	6.15	679.02	0.57	43.79
1.366	12.06	48.9	0.46	6.13	661.62	0.61	43.79
1.377	12.06	48.89	0.65	6.12	629.9	0.53	43.78
1.39	12.06	48.9	0.57	6.11	659.93	0.53	43.79
1.398	12.06	48.9	0.23	6.1	624.66	0.56	43.79
1.404	12.06	48.9	0.42	6.1	608.09	0.56	43.79
1.413	12.06	48.9	0.27	6.1	624.23	0.59	43.78
1.426	12.06	48.9	0.61	6.09	629.6	0.56	43.78
1.438	12.06	48.9	0.04	6.09	816.97	0.56	43.79
1.449	12.06	48.9	0.5	6.09	597.89	0.58	43.78
1.457	12.06	48.9	0.61	6.08	644.67	0.54	43.78
1.466	12.06	48.9	0.38	6.08	617.18	0.56	43.78
1.476	12.06	48.9	0.38	6.07	652.78	0.53	43.78
1.484	12.06	48.9	0.3	6.06	669.02	0.54	43.79
1.489	12.06	48.9	0.61	6.06	694.62	0.58	43.78
1.498	12.06	48.9	0.5	6.04	655.82	0.55	43.78
1.507	12.06	48.9	0.38	6.03	700.76	0.53	43.79
1.513	12.06	48.9	0.5	6.02	563.58	0.6	43.79
1.517	12.06	48.9	0.5	6.0	732.99	0.56	43.78
1.521	12.06	48.9	0.65	5.98	616.32	0.59	43.78
1.523	12.06	48.9	0.3	5.96	783.77	0.56	43.79
1.529	12.06	48.9	0.61	5.94	607.95	0.56	43.78
1.538	12.06	48.9	0.3	5.93	603.6	0.56	43.78
1.547	12.06	48.9	0.69	5.91	607.67	0.53	43.79
1.557	12.06	48.9	0.53	5.89	672.28	0.53	43.78
1.57	12.06	48.9	0.53	5.87	564.88	0.55	43.78
1.589	12.06	48.9	0.5	5.86	774.38	0.53	43.78
1.611	12.06	48.9	0.57	5.83	552.84	0.57	43.78
1.635	12.06	48.9	0.38	5.81	702.71	0.6	43.78
1.655	12.06	48.9	0.38	5.81	560.32	0.56	43.79
1.67	12.06	48.9	0.42	5.8	666.7	0.58	43.78
1.688	12.06	48.89	0.5	5.79	627.27	0.55	43.78
1.708	12.06	48.9	0.27	5.78	679.65	0.59	43.78
1.732	12.06	48.9	0.46	5.77	679.18	0.59	43.78
1.761	12.06	48.89	0.42	5.77	613.75	0.57	43.78
1.782	12.06	48.9	0.57	5.77	577.06	0.6	43.79
1.801	12.06	48.9	0.3	5.77	779.06	0.59	43.78
1.819	12.06	48.89	0.5	5.76	485.54	0.6	43.78
1.831	12.06	48.9	0.53	5.76	665.77	0.58	43.79

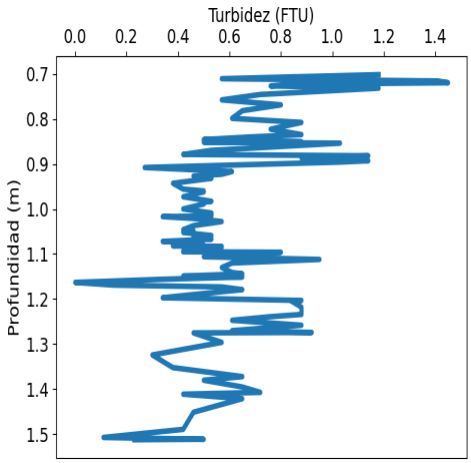
1.843	12.06	48.89	0.38	5.76	616.18	0.56	43.79
1.856	12.05	48.9	0.38	5.78	549.01	0.63	43.79
1.869	12.05	48.9	0.5	5.79	827.26	0.59	43.79
1.881	12.05	48.89	0.38	5.81	493.6	0.61	43.79
1.894	12.06	48.9	0.42	5.84	653.09	0.62	43.79
1.905	12.06	48.9	0.34	5.89	737.42	0.62	43.79
1.914	12.06	48.9	0.5	5.94	722.87	0.62	43.79
1.923	12.06	48.9	0.42	5.99	635.91	0.6	43.79
1.937	12.06	48.89	0.46	6.03	462.16	0.65	43.79
1.959	12.06	48.89	0.38	6.05	546.47	0.6	43.78
1.985	12.06	48.9	0.42	6.09	682.33	0.6	43.79
2.006	12.06	48.9	0.38	6.1	597.2	0.56	43.78
2.021	12.06	48.89	0.46	6.11	453.14	0.53	43.78
2.028	12.06	48.9	0.5	6.1	765.46	0.53	43.78
2.037	12.07	48.9	0.38	6.09	505.17	0.55	43.78
2.05	12.07	48.89	0.46	6.09	548.24	0.57	43.77
2.065	12.07	48.89	0.34	6.09	545.96	0.56	43.77
2.076	12.07	48.9	0.46	6.09	645.11	0.56	43.77
2.082	12.07	48.9	0.53	6.09	569.48	0.55	43.77
2.088	12.07	48.89	0.5	6.1	574.92	0.51	43.77
2.1	12.07	48.9	0.46	6.1	562.79	0.53	43.78
2.112	12.07	48.9	0.53	6.12	488.93	0.53	43.78
2.117	12.07	48.9	0.8	6.12	532.46	0.58	43.77
2.123	12.07	48.9	0.65	6.13	615.75	0.64	43.77
2.134	12.07	48.9	0.61	6.14	593.2	0.61	43.78
2.146	12.07	48.91	0.53	6.15	697.68	0.62	43.78
2.159	12.07	48.9	0.46	6.16	506.46	0.64	43.78
2.173	12.07	48.9	0.38	6.18	602.34	0.68	43.78
2.192	12.07	48.91	0.46	6.21	492.34	0.67	43.78
2.211	12.07	48.91	0.5	6.23	539.92	0.68	43.78
2.226	12.08	48.91	0.53	6.25	496.01	0.69	43.77
2.236	12.08	48.91	0.3	6.28	558.76	0.72	43.78
2.246	12.08	48.91	0.38	6.31	663.15	0.71	43.77
2.259	12.08	48.91	0.42	6.33	578.4	0.76	43.77
2.272	12.08	48.91	0.42	6.34	540.67	0.69	43.78
2.286	12.08	48.91	0.38	6.36	561.88	0.66	43.78
2.299	12.08	48.91	0.46	6.38	518.82	0.69	43.78
2.312	12.08	48.91	0.46	6.39	479.5	0.69	43.78
2.322	12.08	48.91	0.42	6.4	887.86	0.71	43.78
2.333	12.08	48.92	0.27	6.41	444.2	0.76	43.78
2.34	12.08	48.92	0.53	6.43	572.79	0.69	43.78
2.346	12.08	48.92	1.34	6.45	509.17	0.63	43.78
2.351	12.08	48.92	1.11	6.47	544.82	0.61	43.78

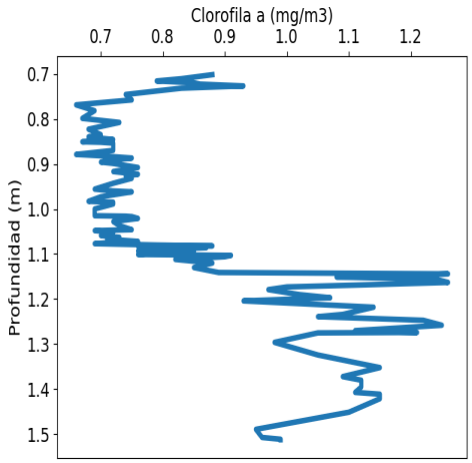
Nombre: CTD P01 - Punto 015 **Fecha: 16/01/2024** **Hora: 11:01:04**

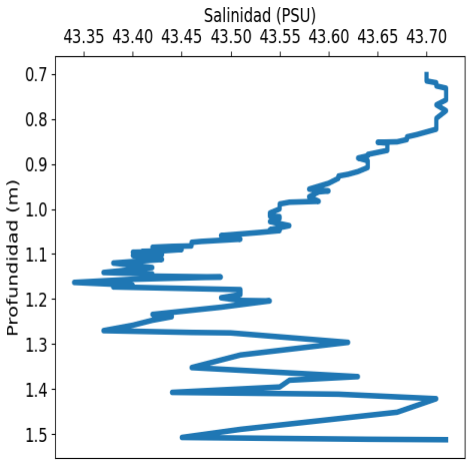


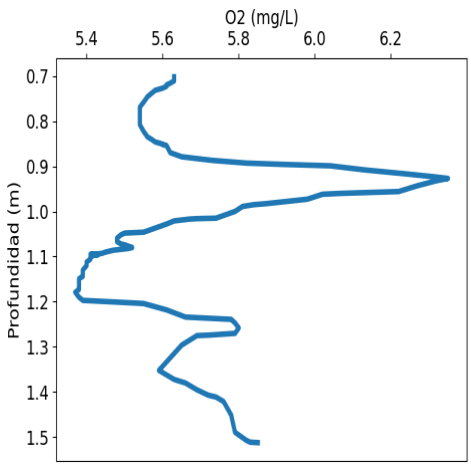


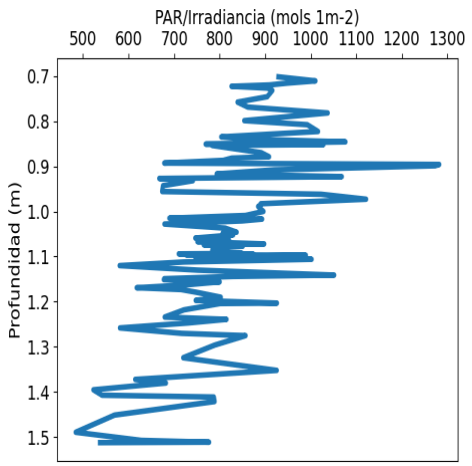


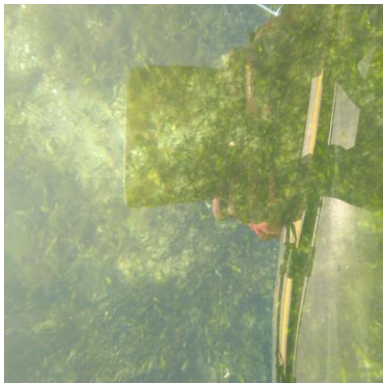












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.51	49.33	0.0	5.37	483.97	0.66	43.34
PROF (metros)	0.727	0.887	1.163	1.179	1.489	0.769	1.163
MÁXIMO	13.03	13.03	1.45	6.35	1282.0	1.26	43.72
PROF (metros)	1.407	1.421	0.72	0.927	0.896	1.144	0.732

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.55	49.35	0.73	5.79	904.99	0.74	43.66
1 - 2m	12.86	49.53	0.54	5.56	765.38	0.93	43.49

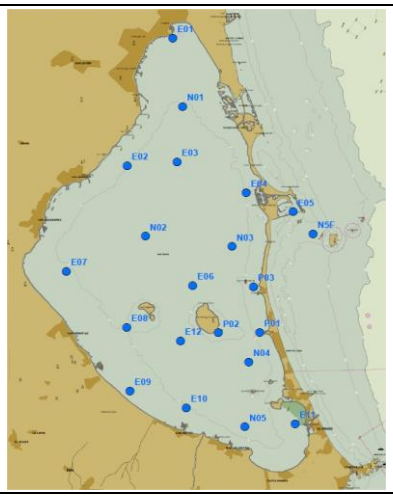
OBSERVACIONES GENERALES

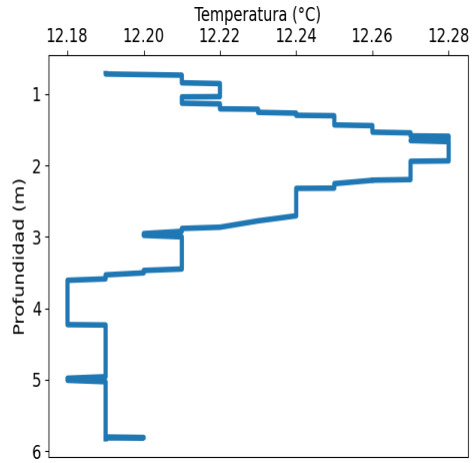
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	12.52	49.35	1.18	5.63	928.91	0.88	43.7
0.711	12.52	49.35	0.57	5.63	1010.4	0.83	43.7
0.716	12.52	49.35	1.41	5.62	947.83	0.79	43.7
0.72	12.52	49.36	1.45	5.61	908.89	0.85	43.71
0.723	12.52	49.36	0.84	5.61	825.73	0.86	43.71
0.727	12.51	49.35	0.76	5.6	905.1	0.93	43.71
0.732	12.51	49.36	1.18	5.58	915.87	0.83	43.72
0.746	12.51	49.36	0.72	5.56	904.48	0.74	43.72
0.758	12.51	49.36	0.57	5.55	839.04	0.75	43.72
0.769	12.51	49.35	0.8	5.54	861.71	0.66	43.71
0.782	12.51	49.36	0.65	5.54	1037.3	0.69	43.72
0.799	12.51	49.35	0.61	5.54	853.75	0.67	43.71
0.808	12.51	49.35	0.88	5.54	992.34	0.73	43.71
0.823	12.51	49.35	0.76	5.55	1016.1	0.68	43.71
0.835	12.52	49.34	0.88	5.56	803.27	0.7	43.69
0.84	12.53	49.34	0.69	5.57	864.11	0.68	43.68
0.846	12.54	49.35	0.5	5.58	1076.2	0.72	43.68
0.851	12.54	49.34	0.88	5.6	769.02	0.67	43.67
0.852	12.55	49.34	0.5	5.6	1027.9	0.7	43.65
0.854	12.55	49.34	1.03	5.61	783.59	0.72	43.66
0.87	12.55	49.34	0.53	5.62	891.36	0.72	43.66
0.879	12.56	49.34	0.42	5.65	908.68	0.66	43.64
0.882	12.56	49.34	1.14	5.68	826.5	0.7	43.64
0.887	12.56	49.33	0.88	5.73	807.93	0.75	43.63
0.893	12.56	49.33	1.14	5.82	678.23	0.71	43.64
0.896	12.56	49.34	1.03	5.92	1282.0	0.7	43.64
0.899	12.56	49.34	0.84	6.04	1272.8	0.72	43.64
0.908	12.56	49.34	0.27	6.13	919.91	0.76	43.64
0.917	12.57	49.34	0.61	6.24	793.28	0.72	43.63
0.923	12.57	49.33	0.57	6.31	1068.2	0.76	43.62
0.927	12.59	49.34	0.46	6.35	667.32	0.74	43.61
0.932	12.59	49.35	0.53	6.32	741.54	0.75	43.61
0.943	12.6	49.34	0.38	6.27	675.57	0.72	43.6
0.956	12.61	49.34	0.42	6.22	673.69	0.69	43.58
0.96	12.61	49.35	0.5	6.07	912.05	0.72	43.6
0.962	12.61	49.35	0.5	6.02	1022.5	0.75	43.59
0.973	12.62	49.34	0.42	5.98	1121.5	0.7	43.58
0.983	12.63	49.36	0.53	5.87	889.92	0.68	43.59
0.985	12.64	49.35	0.5	5.84	890.74	0.72	43.56
0.989	12.64	49.34	0.5	5.81	884.16	0.72	43.55

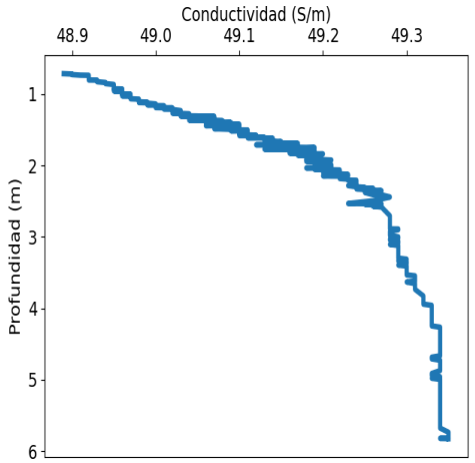
1.0	12.65	49.35	0.42	5.79	896.34	0.69	43.55
1.009	12.66	49.35	0.53	5.76	856.73	0.69	43.54
1.015	12.66	49.35	0.53	5.74	689.49	0.69	43.54
1.016	12.66	49.36	0.46	5.69	832.46	0.74	43.54
1.017	12.66	49.37	0.34	5.67	893.43	0.75	43.55
1.021	12.66	49.36	0.46	5.63	849.41	0.76	43.55
1.028	12.66	49.36	0.57	5.61	678.7	0.72	43.54
1.037	12.66	49.38	0.46	5.58	812.25	0.73	43.56
1.046	12.67	49.37	0.42	5.55	837.49	0.75	43.54
1.048	12.68	49.39	0.46	5.5	806.44	0.69	43.55
1.052	12.7	49.39	0.42	5.49	829.76	0.72	43.53
1.059	12.71	49.36	0.53	5.48	746.36	0.7	43.49
1.063	12.72	49.37	0.46	5.48	820.77	0.73	43.5
1.067	12.73	49.4	0.53	5.48	751.05	0.71	43.51
1.072	12.74	49.38	0.34	5.49	898.0	0.76	43.47
1.074	12.75	49.38	0.42	5.5	764.93	0.72	43.46
1.077	12.76	49.39	0.38	5.51	850.99	0.69	43.46
1.08	12.77	49.4	0.5	5.52	807.56	0.79	43.46
1.082	12.78	49.41	0.38	5.51	785.23	0.88	43.46
1.083	12.79	49.4	0.57	5.5	815.27	0.76	43.44
1.085	12.79	49.38	0.57	5.48	813.76	0.77	43.42
1.086	12.79	49.39	0.53	5.47	783.59	0.87	43.43
1.09	12.79	49.42	0.5	5.45	791.81	0.79	43.45
1.093	12.8	49.41	0.42	5.44	849.81	0.76	43.43
1.094	12.81	49.39	0.53	5.43	710.08	0.85	43.41
1.095	12.82	49.43	0.42	5.41	874.79	0.85	43.42
1.096	12.83	49.41	0.8	5.43	725.89	0.79	43.4
1.097	12.83	49.42	0.69	5.42	989.35	0.79	43.41
1.101	12.83	49.44	0.72	5.41	746.19	0.76	43.43
1.103	12.83	49.42	0.69	5.41	789.42	0.91	43.4
1.106	12.84	49.44	0.5	5.41	1002.0	0.9	43.42
1.112	12.84	49.46	0.95	5.4	721.53	0.82	43.43
1.12	12.86	49.43	0.61	5.4	580.41	0.88	43.38
1.13	12.87	49.47	0.57	5.39	751.57	0.85	43.42
1.141	12.88	49.43	0.61	5.39	1051.5	0.89	43.37
1.144	12.88	49.49	0.65	5.39	829.57	1.26	43.42
1.149	12.88	49.49	0.42	5.38	678.23	1.19	43.42
1.151	12.88	49.56	0.65	5.38	677.29	1.08	43.49
1.156	12.9	49.5	0.34	5.38	800.29	1.24	43.4
1.163	12.91	49.44	0.0	5.38	721.7	1.26	43.34
1.169	12.92	49.52	0.15	5.38	617.75	1.11	43.4
1.173	12.92	49.5	0.57	5.38	715.37	1.0	43.38
1.179	12.9	49.61	0.65	5.37	748.62	0.97	43.51
1.19	12.93	49.63	0.46	5.38	802.71	1.02	43.51
1.197	12.93	49.62	0.34	5.39	747.23	1.07	43.49
1.203	12.93	49.63	0.88	5.53	925.9	0.95	43.51
1.204	12.93	49.67	0.84	5.55	801.03	0.93	43.54
1.218	12.94	49.64	0.88	5.61	721.7	1.14	43.49
1.234	12.95	49.57	0.88	5.66	679.18	1.09	43.42
1.239	12.99	49.63	0.76	5.78	815.27	1.05	43.44
1.247	13.0	49.62	0.61	5.79	730.96	1.22	43.42
1.258	13.01	49.61	0.88	5.8	581.08	1.25	43.4
1.27	13.01	49.59	0.61	5.79	716.53	1.11	43.37
1.274	12.98	49.65	0.92	5.72	827.45	1.21	43.46
1.275	12.98	49.69	0.46	5.69	857.12	1.05	43.5
1.296	12.98	49.81	0.57	5.65	789.06	0.98	43.62
1.324	12.99	49.71	0.3	5.62	719.86	1.05	43.51
1.352	13.0	49.67	0.38	5.59	925.47	1.15	43.46

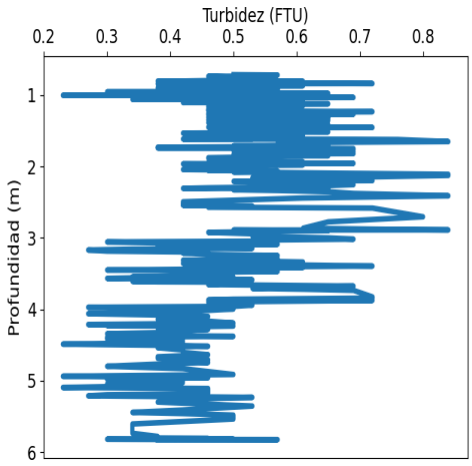
1.372	13.01	49.86	0.65	5.63	614.47	1.09	43.63
1.38	13.02	49.8	0.5	5.66	682.33	1.12	43.56
1.395	13.02	49.79	0.65	5.69	522.8	1.12	43.55
1.407	13.03	49.68	0.72	5.72	542.05	1.11	43.44
1.411	13.03	49.85	0.42	5.74	787.41	1.15	43.61
1.421	13.02	49.95	0.65	5.76	789.06	1.15	43.71
1.451	13.02	49.91	0.46	5.78	569.35	1.1	43.67
1.489	13.03	49.76	0.42	5.79	483.97	0.95	43.51
1.507	13.03	49.7	0.11	5.82	628.0	0.96	43.45
1.511	13.02	49.88	0.5	5.83	777.08	0.99	43.64
1.512	12.99	49.92	0.23	5.85	537.42	0.99	43.72

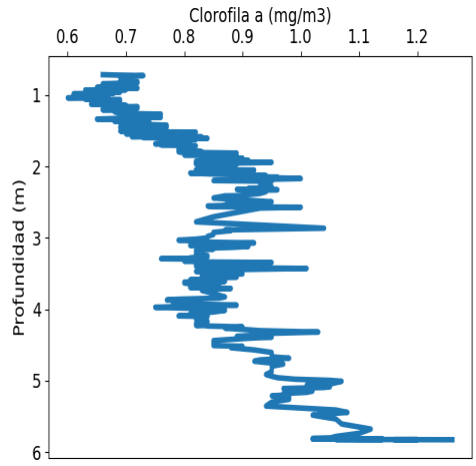
Nombre: CTD N04 - Punto 016 **Fecha: 16/01/2024** **Hora: 11:01:14**

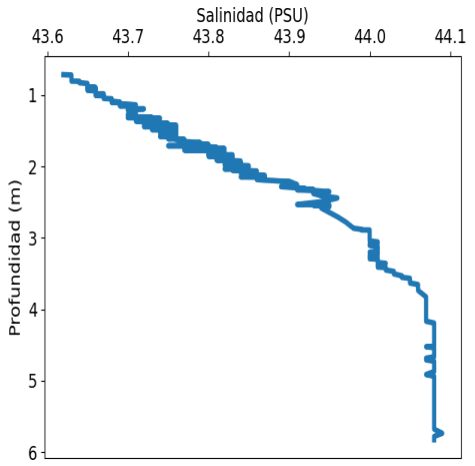


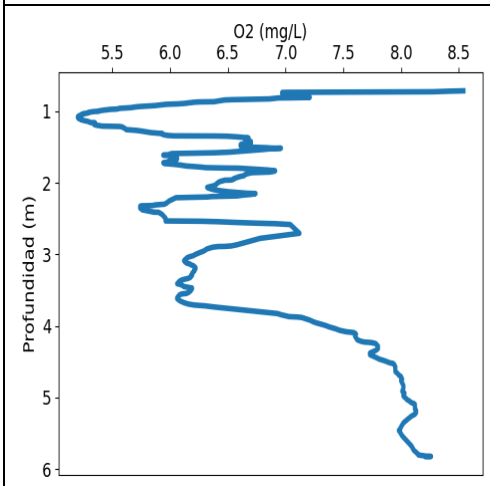


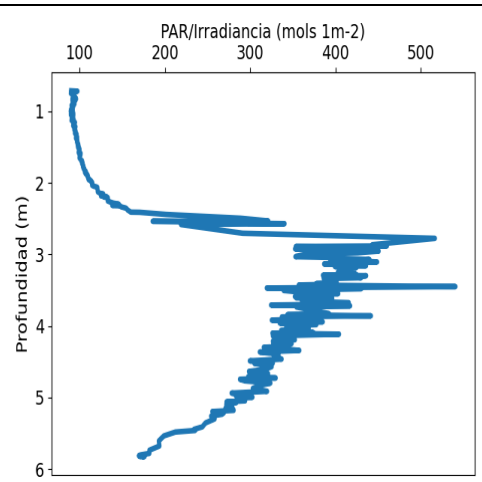












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.18	48.89	0.23	5.2	89.71	0.6	43.62
PROF (metros)	3.608	0.715	1.004	1.077	1.0	1.04	0.715
MÁXIMO	12.28	12.28	0.84	8.54	540.8	1.26	44.09
PROF (metros)	1.591	5.736	1.652	0.715	3.45	5.826	5.736

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N04 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.22	48.94	0.5	6.23	92.38	0.68	43.65
1 - 2m	12.25	49.07	0.54	6.04	98.44	0.74	43.74
2 - 3m	12.25	49.24	0.59	6.3	205.6	0.9	43.91
3 - 4m	12.2	49.3	0.5	6.35	389.42	0.84	44.03
4 - 5m	12.19	49.34	0.4	7.81	326.15	0.9	44.08
5 - 6m	12.19	49.34	0.4	8.12	225.76	1.05	44.08

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.715	12.19	48.89	0.5	8.54	90.31	0.66	43.62
0.72	12.19	48.9	0.57	8.42	97.74	0.68	43.63
0.728	12.2	48.9	0.5	8.27	90.31	0.73	43.63
0.736	12.21	48.91	0.53	7.02	92.24	0.71	43.63
0.738	12.21	48.92	0.46	6.97	93.7	0.69	43.63
0.751	12.21	48.92	0.5	6.97	89.9	0.69	43.63
0.777	12.21	48.92	0.5	7.0	94.18	0.7	43.63
0.798	12.21	48.92	0.46	7.06	93.46	0.7	43.63
0.804	12.21	48.92	0.42	7.13	94.68	0.69	43.63
0.805	12.21	48.93	0.38	7.21	95.17	0.7	43.63
0.808	12.21	48.93	0.61	7.2	92.09	0.7	43.64
0.813	12.21	48.93	0.5	7.03	95.43	0.71	43.64
0.814	12.21	48.93	0.57	6.94	93.86	0.72	43.64
0.828	12.21	48.93	0.5	6.86	96.17	0.72	43.64
0.839	12.21	48.94	0.72	6.53	91.66	0.68	43.65
0.843	12.21	48.94	0.38	6.47	93.01	0.66	43.65
0.854	12.22	48.94	0.5	6.43	95.02	0.69	43.65
0.867	12.22	48.95	0.5	6.38	93.92	0.66	43.65
0.87	12.22	48.95	0.61	6.25	92.6	0.69	43.65
0.874	12.22	48.95	0.5	6.21	92.15	0.68	43.65
0.881	12.22	48.95	0.57	6.17	93.12	0.69	43.65
0.89	12.22	48.95	0.42	6.13	92.88	0.69	43.65
0.894	12.22	48.95	0.46	6.1	92.3	0.65	43.66
0.898	12.22	48.95	0.5	6.06	92.09	0.66	43.65
0.899	12.22	48.95	0.46	6.03	94.25	0.7	43.65
0.901	12.22	48.95	0.38	6.0	91.66	0.68	43.65
0.904	12.22	48.95	0.42	5.96	92.77	0.72	43.65
0.91	12.22	48.95	0.57	5.93	91.45	0.68	43.66
0.917	12.22	48.95	0.57	5.9	91.64	0.65	43.66
0.921	12.22	48.95	0.53	5.87	90.69	0.67	43.66
0.924	12.22	48.95	0.46	5.83	91.85	0.66	43.65
0.927	12.22	48.95	0.46	5.81	92.39	0.7	43.66
0.93	12.22	48.96	0.5	5.78	92.8	0.63	43.66
0.932	12.22	48.95	0.53	5.75	92.9	0.66	43.66
0.935	12.22	48.95	0.57	5.73	91.05	0.68	43.65
0.94	12.22	48.96	0.5	5.7	92.09	0.68	43.66

0.945	12.22	48.96	0.53	5.68	91.3	0.66	43.66
0.95	12.22	48.96	0.57	5.66	91.64	0.69	43.66
0.954	12.22	48.96	0.3	5.62	90.96	0.63	43.66
0.955	12.22	48.96	0.3	5.6	91.68	0.66	43.66
0.957	12.22	48.95	0.42	5.58	92.07	0.66	43.66
0.96	12.22	48.96	0.5	5.56	91.56	0.69	43.66
0.966	12.22	48.96	0.38	5.55	90.69	0.65	43.66
0.971	12.22	48.96	0.53	5.53	91.41	0.68	43.66
0.974	12.22	48.96	0.5	5.48	90.17	0.66	43.66
0.977	12.22	48.96	0.65	5.47	90.71	0.67	43.66
0.98	12.22	48.96	0.5	5.45	91.13	0.66	43.66
0.983	12.22	48.96	0.5	5.44	91.92	0.61	43.66
0.984	12.22	48.96	0.61	5.43	92.04	0.63	43.67
0.988	12.22	48.96	0.5	5.41	91.58	0.63	43.66
0.991	12.22	48.96	0.42	5.4	90.58	0.66	43.67
0.997	12.22	48.96	0.57	5.38	90.61	0.66	43.67
1.0	12.22	48.96	0.38	5.38	89.71	0.63	43.67
1.002	12.22	48.97	0.5	5.37	90.94	0.65	43.67
1.003	12.22	48.96	0.42	5.35	90.52	0.66	43.67
1.004	12.22	48.96	0.23	5.34	90.21	0.66	43.67
1.006	12.22	48.96	0.5	5.33	90.38	0.62	43.66
1.009	12.22	48.96	0.46	5.32	91.18	0.63	43.67
1.014	12.22	48.96	0.65	5.3	92.24	0.61	43.67
1.019	12.22	48.97	0.61	5.29	92.69	0.62	43.67
1.023	12.22	48.96	0.46	5.29	91.13	0.65	43.67
1.027	12.22	48.96	0.46	5.28	90.58	0.62	43.67
1.03	12.22	48.97	0.61	5.27	90.96	0.64	43.67
1.031	12.22	48.97	0.65	5.26	90.54	0.66	43.67
1.034	12.22	48.97	0.69	5.25	90.38	0.67	43.67
1.037	12.22	48.97	0.57	5.25	89.85	0.62	43.67
1.04	12.21	48.97	0.57	5.24	91.81	0.6	43.67
1.043	12.21	48.97	0.57	5.24	92.8	0.66	43.67
1.048	12.21	48.97	0.53	5.23	92.39	0.67	43.67
1.053	12.21	48.97	0.61	5.23	91.75	0.66	43.68
1.055	12.21	48.97	0.42	5.23	90.19	0.66	43.68
1.058	12.21	48.97	0.46	5.23	90.92	0.63	43.68
1.059	12.21	48.97	0.46	5.23	90.94	0.66	43.68
1.06	12.21	48.97	0.61	5.22	90.8	0.66	43.68
1.061	12.21	48.97	0.34	5.22	91.3	0.64	43.68
1.063	12.21	48.97	0.57	5.21	92.6	0.69	43.68
1.067	12.21	48.97	0.42	5.21	92.62	0.69	43.68
1.072	12.21	48.98	0.53	5.21	91.79	0.69	43.68
1.077	12.21	48.98	0.46	5.2	91.73	0.67	43.68
1.081	12.21	48.98	0.46	5.2	92.52	0.65	43.68
1.087	12.21	48.98	0.46	5.2	91.7	0.66	43.68
1.099	12.21	48.98	0.46	5.21	91.05	0.69	43.69
1.105	12.21	48.98	0.42	5.21	91.83	0.67	43.68
1.106	12.21	48.98	0.5	5.22	91.7	0.68	43.69
1.109	12.21	48.98	0.5	5.22	92.34	0.66	43.69
1.114	12.21	48.99	0.57	5.23	93.18	0.68	43.69
1.119	12.21	48.98	0.5	5.23	93.23	0.69	43.69
1.123	12.21	48.99	0.65	5.24	91.43	0.69	43.69
1.129	12.21	48.99	0.53	5.25	90.65	0.64	43.7
1.139	12.22	49.0	0.46	5.28	92.24	0.69	43.71
1.143	12.22	49.0	0.61	5.29	92.71	0.7	43.7
1.151	12.22	48.99	0.61	5.3	94.47	0.69	43.69
1.157	12.22	49.0	0.53	5.31	94.86	0.69	43.7
1.163	12.22	49.0	0.46	5.35	93.51	0.7	43.7

1.164	12.22	49.01	0.5	5.34	93.68	0.72	43.71
1.173	12.22	49.01	0.57	5.34	92.97	0.7	43.71
1.183	12.22	49.0	0.53	5.34	93.27	0.72	43.7
1.19	12.22	49.0	0.53	5.35	93.36	0.71	43.7
1.194	12.22	49.02	0.46	5.36	93.51	0.66	43.72
1.198	12.22	49.01	0.5	5.37	93.4	0.68	43.71
1.202	12.22	49.01	0.5	5.39	92.49	0.69	43.7
1.208	12.22	49.01	0.57	5.41	94.09	0.66	43.71
1.212	12.23	49.01	0.46	5.52	94.07	0.69	43.7
1.213	12.23	49.02	0.5	5.56	93.94	0.68	43.71
1.217	12.23	49.02	0.46	5.58	95.39	0.71	43.71
1.233	12.23	49.03	0.72	5.6	94.44	0.68	43.71
1.257	12.23	49.03	0.46	5.62	93.94	0.69	43.71
1.268	12.24	49.02	0.69	5.71	95.1	0.76	43.7
1.277	12.24	49.04	0.46	5.75	95.52	0.72	43.71
1.288	12.24	49.04	0.57	5.79	95.35	0.71	43.71
1.298	12.24	49.03	0.61	5.83	95.3	0.7	43.7
1.304	12.25	49.03	0.65	5.87	95.26	0.69	43.7
1.308	12.25	49.05	0.53	5.9	94.64	0.71	43.72
1.309	12.25	49.03	0.53	5.93	95.74	0.7	43.7
1.312	12.25	49.07	0.46	5.93	95.63	0.76	43.73
1.316	12.25	49.04	0.61	5.93	96.26	0.73	43.7
1.319	12.25	49.04	0.5	5.93	96.79	0.74	43.71
1.326	12.25	49.07	0.65	5.94	96.19	0.69	43.74
1.337	12.25	49.06	0.57	5.97	96.34	0.65	43.72
1.344	12.25	49.04	0.5	6.03	95.9	0.71	43.71
1.346	12.25	49.04	0.5	6.38	95.94	0.7	43.71
1.349	12.25	49.07	0.46	6.49	96.64	0.69	43.73
1.358	12.25	49.07	0.65	6.58	97.38	0.7	43.73
1.366	12.25	49.04	0.53	6.64	96.7	0.68	43.71
1.371	12.25	49.07	0.53	6.67	96.48	0.74	43.73
1.375	12.25	49.08	0.5	6.68	95.74	0.74	43.74
1.376	12.25	49.06	0.57	6.66	96.14	0.71	43.72
1.386	12.25	49.07	0.46	6.65	96.68	0.69	43.74
1.396	12.25	49.06	0.53	6.65	96.79	0.69	43.72
1.397	12.25	49.07	0.53	6.65	97.42	0.7	43.73
1.399	12.25	49.09	0.57	6.66	97.31	0.7	43.75
1.408	12.25	49.07	0.61	6.67	97.08	0.71	43.73
1.416	12.25	49.06	0.65	6.68	97.33	0.75	43.72
1.423	12.25	49.1	0.61	6.7	97.67	0.77	43.76
1.433	12.25	49.08	0.5	6.7	97.22	0.72	43.74
1.443	12.26	49.06	0.53	6.7	97.58	0.72	43.72
1.447	12.26	49.09	0.61	6.68	97.99	0.76	43.74
1.45	12.26	49.1	0.46	6.66	97.92	0.77	43.76
1.454	12.26	49.08	0.72	6.64	97.88	0.69	43.74
1.458	12.26	49.08	0.57	6.62	98.35	0.7	43.73
1.466	12.26	49.1	0.61	6.61	98.7	0.72	43.76
1.475	12.26	49.09	0.57	6.61	98.4	0.72	43.74
1.486	12.26	49.07	0.57	6.61	98.83	0.72	43.73
1.498	12.26	49.1	0.57	6.62	98.22	0.74	43.76
1.503	12.26	49.1	0.5	6.73	98.86	0.71	43.75
1.504	12.26	49.11	0.57	6.78	98.88	0.69	43.76
1.509	12.26	49.1	0.53	6.83	98.99	0.73	43.75
1.515	12.26	49.09	0.65	6.88	99.18	0.74	43.74
1.516	12.26	49.1	0.65	6.96	98.97	0.71	43.75
1.517	12.26	49.1	0.61	6.95	98.7	0.77	43.75
1.52	12.26	49.11	0.61	6.92	98.79	0.82	43.76
1.524	12.26	49.11	0.57	6.87	100.1	0.76	43.76

1.534	12.26	49.1	0.42	6.81	99.92	0.72	43.75
1.544	12.27	49.11	0.53	6.73	100.19	0.7	43.75
1.554	12.27	49.11	0.61	6.66	99.73	0.79	43.76
1.563	12.27	49.1	0.5	6.58	99.48	0.73	43.74
1.572	12.27	49.11	0.61	6.51	99.43	0.73	43.76
1.577	12.27	49.12	0.57	6.44	98.97	0.74	43.76
1.581	12.27	49.11	0.57	6.37	99.09	0.78	43.75
1.582	12.27	49.1	0.53	6.32	100.29	0.72	43.74
1.584	12.27	49.12	0.53	6.26	101.22	0.71	43.76
1.586	12.27	49.12	0.46	6.21	101.41	0.83	43.76
1.591	12.28	49.12	0.57	6.02	101.15	0.78	43.75
1.596	12.28	49.11	0.53	6.0	101.06	0.73	43.75
1.607	12.28	49.13	0.53	5.99	101.27	0.84	43.76
1.613	12.28	49.11	0.53	5.94	100.36	0.78	43.75
1.616	12.28	49.13	0.42	5.96	100.31	0.79	43.76
1.62	12.28	49.14	0.69	5.98	100.31	0.82	43.77
1.623	12.28	49.13	0.76	6.01	100.64	0.82	43.76
1.652	12.27	49.13	0.84	6.06	99.98	0.78	43.77
1.667	12.28	49.15	0.57	6.06	100.99	0.78	43.79
1.684	12.28	49.14	0.61	6.05	101.93	0.75	43.77
1.691	12.28	49.17	0.57	6.02	103.09	0.81	43.8
1.698	12.28	49.16	0.65	5.99	103.09	0.76	43.79
1.711	12.28	49.12	0.5	5.97	102.9	0.82	43.75
1.72	12.28	49.16	0.61	5.94	103.57	0.81	43.79
1.731	12.28	49.17	0.38	5.95	103.02	0.79	43.81
1.735	12.28	49.15	0.57	5.98	103.16	0.81	43.79
1.741	12.28	49.14	0.38	6.03	103.55	0.79	43.78
1.75	12.28	49.19	0.69	6.08	104.29	0.8	43.82
1.765	12.28	49.17	0.69	6.14	104.22	0.79	43.8
1.772	12.28	49.13	0.5	6.2	104.61	0.8	43.77
1.778	12.28	49.18	0.5	6.25	104.46	0.82	43.81
1.788	12.28	49.18	0.65	6.31	105.07	0.82	43.82
1.794	12.28	49.19	0.69	6.5	104.66	0.83	43.82
1.795	12.28	49.17	0.65	6.59	105.05	0.79	43.81
1.804	12.28	49.16	0.57	6.68	105.26	0.81	43.8
1.813	12.28	49.17	0.57	6.76	105.56	0.89	43.8
1.82	12.28	49.18	0.69	6.84	105.88	0.8	43.81
1.827	12.28	49.16	0.5	6.88	106.37	0.85	43.8
1.832	12.28	49.17	0.5	6.91	106.57	0.83	43.8
1.839	12.28	49.2	0.5	6.9	107.46	0.8	43.83
1.85	12.28	49.18	0.65	6.86	107.58	0.85	43.81
1.855	12.28	49.19	0.57	6.78	106.57	0.86	43.82
1.856	12.28	49.19	0.5	6.74	106.34	0.89	43.83
1.858	12.28	49.17	0.57	6.71	106.52	0.84	43.8
1.864	12.28	49.18	0.5	6.69	107.73	0.84	43.81
1.872	12.28	49.19	0.5	6.67	108.16	0.83	43.83
1.878	12.28	49.18	0.46	6.66	107.61	0.85	43.82
1.884	12.28	49.19	0.46	6.65	109.12	0.9	43.83
1.9	12.28	49.19	0.57	6.64	109.83	0.89	43.83
1.911	12.28	49.18	0.57	6.61	109.44	0.88	43.81
1.914	12.28	49.19	0.57	6.6	109.75	0.91	43.82
1.925	12.28	49.21	0.5	6.58	110.13	0.82	43.84
1.936	12.28	49.18	0.61	6.56	110.21	0.82	43.82
1.942	12.27	49.18	0.57	6.55	111.26	0.95	43.82
1.95	12.27	49.2	0.46	6.55	111.36	0.91	43.84
1.956	12.27	49.19	0.69	6.54	110.8	0.82	43.83
1.961	12.27	49.2	0.53	6.53	111.39	0.86	43.83
1.964	12.27	49.2	0.42	6.47	113.03	0.82	43.84

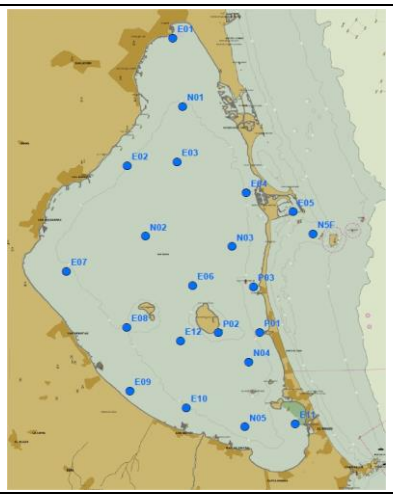
1.97	12.27	49.2	0.5	6.46	113.21	0.89	43.84
1.978	12.27	49.19	0.61	6.44	113.24	0.88	43.82
1.991	12.27	49.21	0.5	6.42	114.9	0.88	43.85
2.017	12.27	49.21	0.5	6.4	115.3	0.83	43.85
2.035	12.27	49.18	0.5	6.39	114.8	0.85	43.82
2.043	12.27	49.21	0.42	6.37	115.95	0.82	43.85
2.051	12.27	49.21	0.5	6.35	117.76	0.92	43.85
2.056	12.27	49.19	0.46	6.34	119.66	0.89	43.83
2.064	12.27	49.22	0.57	6.32	121.03	0.89	43.86
2.078	12.27	49.22	0.5	6.34	120.91	0.85	43.86
2.093	12.27	49.2	0.65	6.37	121.19	0.81	43.84
2.11	12.27	49.21	0.84	6.43	121.31	0.86	43.85
2.126	12.27	49.23	0.84	6.51	121.45	0.94	43.87
2.146	12.27	49.2	0.72	6.67	124.12	0.91	43.84
2.149	12.27	49.21	0.69	6.72	124.99	0.96	43.85
2.15	12.27	49.23	0.57	6.74	126.42	0.91	43.87
2.155	12.27	49.22	0.53	6.73	127.89	0.93	43.87
2.162	12.27	49.22	0.61	6.7	127.51	0.97	43.86
2.17	12.27	49.22	0.53	6.64	127.33	1.0	43.86
2.183	12.27	49.22	0.57	6.58	125.16	0.93	43.86
2.192	12.27	49.23	0.61	6.36	131.74	0.9	43.87
2.198	12.27	49.23	0.72	6.32	128.6	0.85	43.88
2.206	12.26	49.23	0.57	6.08	131.56	0.93	43.89
2.208	12.26	49.24	0.5	6.05	133.31	0.95	43.9
2.255	12.25	49.24	0.69	5.99	133.18	0.93	43.91
2.282	12.25	49.23	0.61	5.97	139.28	0.95	43.89
2.299	12.25	49.24	0.46	5.95	146.26	0.95	43.91
2.307	12.25	49.25	0.42	5.89	141.82	0.91	43.92
2.309	12.25	49.25	0.57	5.87	140.18	0.95	43.92
2.314	12.25	49.24	0.65	5.86	138.28	0.93	43.91
2.318	12.25	49.24	0.5	5.84	139.83	0.91	43.91
2.321	12.24	49.26	0.53	5.75	147.59	0.89	43.93
2.327	12.24	49.24	0.5	5.74	147.93	0.96	43.91
2.337	12.24	49.25	0.57	5.74	149.27	0.91	43.93
2.354	12.24	49.27	0.65	5.74	154.66	0.94	43.95
2.378	12.24	49.25	0.69	5.76	156.35	0.93	43.93
2.41	12.24	49.26	0.84	5.86	160.21	0.89	43.94
2.412	12.24	49.27	0.84	5.9	170.59	0.87	43.94
2.442	12.24	49.28	0.61	5.93	201.62	0.85	43.96
2.495	12.24	49.26	0.42	5.96	288.97	0.95	43.94
2.533	12.24	49.23	0.42	5.96	321.33	0.92	43.91
2.537	12.24	49.27	0.46	6.27	185.78	0.87	43.95
2.543	12.24	49.25	0.42	6.41	217.04	0.88	43.93
2.554	12.24	49.26	0.53	6.57	306.21	0.84	43.94
2.564	12.24	49.27	0.46	6.75	297.33	0.85	43.95
2.571	12.24	49.26	0.46	6.91	340.5	1.0	43.94
2.583	12.24	49.27	0.72	7.04	219.01	0.93	43.94
2.705	12.24	49.28	0.8	7.12	291.32	0.85	43.96
2.776	12.23	49.28	0.65	6.78	516.66	0.82	43.97
2.865	12.22	49.28	0.61	6.58	443.27	1.04	43.98
2.882	12.21	49.28	0.76	6.53	460.44	0.92	43.99
2.889	12.21	49.28	0.84	6.47	355.67	0.87	43.99
2.89	12.21	49.29	0.5	6.42	353.53	0.88	44.0
2.899	12.21	49.29	0.65	6.37	410.54	0.88	44.0
2.923	12.21	49.28	0.46	6.32	352.71	0.85	44.0
2.954	12.2	49.28	0.57	6.29	450.83	0.85	44.0
2.979	12.2	49.28	0.53	6.25	426.05	0.84	44.0
3.0	12.21	49.29	0.65	6.22	364.43	0.84	44.0

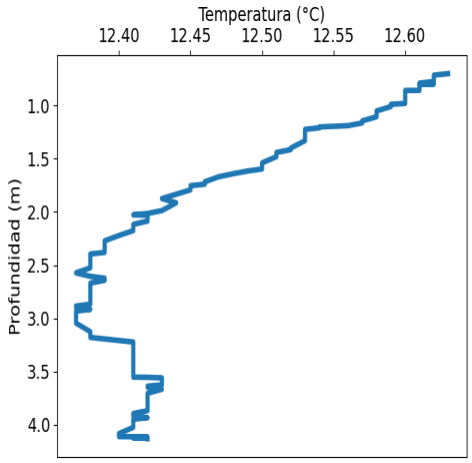
3.018	12.21	49.29	0.69	6.2	357.73	0.82	44.0
3.032	12.21	49.28	0.53	6.17	353.12	0.79	44.0
3.044	12.21	49.28	0.57	6.15	399.09	0.82	44.0
3.057	12.21	49.29	0.3	6.14	393.31	0.82	44.01
3.071	12.21	49.29	0.38	6.13	440.0	0.92	44.01
3.089	12.21	49.29	0.57	6.12	423.09	0.82	44.0
3.106	12.21	49.28	0.46	6.13	448.96	0.81	44.0
3.12	12.21	49.29	0.38	6.14	403.93	0.91	44.01
3.134	12.21	49.29	0.46	6.17	386.71	0.88	44.01
3.146	12.21	49.29	0.53	6.18	410.06	0.83	44.01
3.158	12.21	49.29	0.34	6.2	436.04	0.85	44.01
3.17	12.21	49.29	0.27	6.21	399.37	0.82	44.01
3.186	12.21	49.29	0.3	6.22	424.57	0.82	44.01
3.201	12.21	49.29	0.46	6.22	413.4	0.82	44.0
3.213	12.21	49.29	0.42	6.21	406.28	0.82	44.01
3.231	12.21	49.29	0.46	6.21	416.09	0.82	44.01
3.248	12.21	49.29	0.57	6.2	402.9	0.84	44.0
3.264	12.21	49.29	0.46	6.19	405.24	0.84	44.0
3.279	12.21	49.29	0.5	6.19	424.47	0.81	44.01
3.287	12.21	49.29	0.5	6.19	409.59	0.81	44.0
3.292	12.21	49.29	0.57	6.19	385.36	0.76	44.0
3.298	12.21	49.29	0.53	6.18	436.14	0.82	44.01
3.313	12.21	49.3	0.42	6.18	422.02	0.82	44.01
3.326	12.21	49.29	0.53	6.17	430.31	0.8	44.01
3.338	12.21	49.29	0.61	6.15	386.26	0.84	44.01
3.345	12.21	49.3	0.61	6.13	391.21	0.95	44.01
3.358	12.21	49.3	0.42	6.1	399.09	0.84	44.02
3.375	12.21	49.3	0.57	6.08	395.96	0.82	44.01
3.395	12.21	49.29	0.72	6.07	401.69	0.82	44.01
3.409	12.21	49.3	0.5	6.06	377.5	0.89	44.01
3.414	12.21	49.3	0.61	6.07	401.6	0.9	44.02
3.417	12.21	49.3	0.46	6.08	401.41	0.88	44.02
3.428	12.21	49.3	0.57	6.1	357.07	1.01	44.02
3.45	12.21	49.3	0.3	6.12	540.8	0.85	44.02
3.47	12.2	49.3	0.57	6.19	319.48	0.82	44.03
3.478	12.2	49.3	0.5	6.19	430.61	0.83	44.03
3.504	12.2	49.3	0.46	6.18	339.32	0.9	44.03
3.532	12.19	49.3	0.42	6.16	362.74	0.83	44.04
3.546	12.19	49.31	0.34	6.14	366.38	0.85	44.04
3.549	12.19	49.31	0.5	6.12	403.37	0.89	44.04
3.553	12.19	49.31	0.38	6.1	357.9	0.87	44.04
3.567	12.19	49.31	0.3	6.08	367.91	0.86	44.05
3.588	12.19	49.31	0.53	6.07	352.47	0.81	44.05
3.608	12.18	49.31	0.34	6.06	354.27	0.87	44.05
3.616	12.18	49.31	0.38	6.06	396.32	0.85	44.05
3.619	12.18	49.31	0.46	6.06	387.33	0.8	44.05
3.632	12.18	49.3	0.5	6.07	377.06	0.8	44.05
3.654	12.18	49.31	0.46	6.09	360.9	0.82	44.06
3.675	12.18	49.31	0.69	6.12	415.8	0.86	44.06
3.695	12.18	49.31	0.57	6.16	414.55	0.81	44.06
3.708	12.18	49.31	0.53	6.21	324.55	0.88	44.06
3.719	12.18	49.31	0.61	6.3	417.35	0.85	44.06
3.735	12.18	49.31	0.69	6.38	354.27	0.83	44.06
3.827	12.18	49.32	0.72	6.93	392.39	0.87	44.07
3.843	12.18	49.32	0.72	6.96	343.75	0.86	44.07
3.859	12.18	49.32	0.5	7.0	441.73	0.79	44.07
3.87	12.18	49.32	0.46	7.03	350.76	0.77	44.07
3.875	12.18	49.32	0.72	7.1	337.13	0.8	44.07

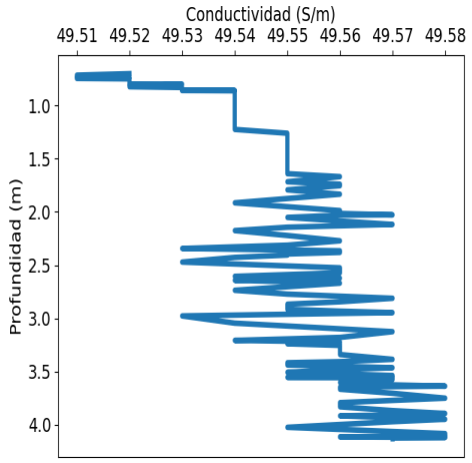
3.882	12.18	49.32	0.65	7.14	373.15	0.81	44.07
3.898	12.18	49.32	0.46	7.17	380.92	0.78	44.07
3.919	12.18	49.32	0.5	7.21	325.38	0.79	44.07
3.942	12.18	49.32	0.53	7.24	385.28	0.89	44.07
3.959	12.18	49.33	0.5	7.27	334.71	0.8	44.07
3.972	12.18	49.33	0.27	7.3	347.44	0.75	44.07
3.981	12.18	49.33	0.38	7.32	377.76	0.79	44.07
3.996	12.18	49.33	0.5	7.35	353.69	0.85	44.07
4.015	12.18	49.33	0.46	7.38	342.32	0.87	44.07
4.038	12.18	49.33	0.42	7.43	368.85	0.85	44.07
4.062	12.18	49.33	0.27	7.47	336.34	0.81	44.07
4.08	12.18	49.33	0.38	7.52	338.22	0.81	44.07
4.088	12.18	49.33	0.38	7.56	344.63	0.84	44.07
4.093	12.18	49.33	0.42	7.59	374.27	0.79	44.07
4.101	12.18	49.33	0.46	7.6	326.13	0.84	44.07
4.115	12.18	49.33	0.42	7.61	404.4	0.83	44.07
4.139	12.18	49.33	0.38	7.6	326.66	0.82	44.07
4.167	12.18	49.33	0.46	7.61	347.92	0.84	44.07
4.193	12.18	49.33	0.5	7.62	352.63	0.82	44.08
4.213	12.18	49.33	0.27	7.65	326.66	0.84	44.08
4.225	12.18	49.33	0.38	7.68	332.16	0.82	44.08
4.229	12.18	49.33	0.3	7.72	347.04	0.84	44.08
4.234	12.19	49.33	0.5	7.75	326.89	0.84	44.08
4.247	12.19	49.33	0.42	7.78	348.81	0.9	44.08
4.265	12.19	49.34	0.38	7.79	343.91	0.87	44.08
4.281	12.19	49.34	0.46	7.8	345.19	0.9	44.08
4.299	12.19	49.34	0.42	7.8	315.94	0.93	44.08
4.319	12.19	49.34	0.42	7.8	337.52	1.03	44.08
4.342	12.19	49.34	0.3	7.78	357.82	0.92	44.08
4.364	12.19	49.34	0.38	7.75	311.29	0.92	44.08
4.379	12.19	49.34	0.5	7.73	321.71	0.89	44.08
4.39	12.19	49.34	0.3	7.73	332.86	0.95	44.08
4.401	12.19	49.34	0.38	7.73	333.4	0.92	44.08
4.416	12.19	49.34	0.3	7.75	327.73	0.89	44.08
4.438	12.19	49.34	0.42	7.78	330.09	0.85	44.08
4.463	12.19	49.34	0.42	7.81	337.13	0.85	44.08
4.488	12.19	49.34	0.23	7.86	299.68	0.85	44.08
4.508	12.19	49.34	0.42	7.89	314.12	0.85	44.08
4.518	12.19	49.34	0.46	7.91	326.82	0.9	44.08
4.524	12.19	49.34	0.42	7.93	305.08	0.89	44.07
4.538	12.19	49.34	0.38	7.94	313.17	0.88	44.08
4.569	12.19	49.34	0.42	7.95	325.38	0.92	44.08
4.604	12.19	49.34	0.42	7.95	317.92	0.95	44.08
4.636	12.19	49.34	0.46	7.95	298.64	0.95	44.08
4.665	12.19	49.34	0.38	7.97	321.18	0.95	44.08
4.685	12.19	49.33	0.38	7.98	319.99	0.98	44.07
4.708	12.19	49.33	0.46	8.0	297.74	0.93	44.07
4.727	12.19	49.34	0.42	8.0	330.17	0.92	44.08
4.745	12.19	49.34	0.46	8.01	288.1	0.94	44.08
4.767	12.19	49.34	0.38	8.0	293.83	0.97	44.08
4.798	12.19	49.34	0.3	8.01	323.95	0.95	44.08
4.831	12.19	49.34	0.42	8.02	311.51	0.95	44.08
4.872	12.19	49.34	0.46	8.02	303.17	0.95	44.08
4.913	12.19	49.33	0.5	8.01	320.07	0.94	44.07
4.938	12.19	49.33	0.23	8.03	278.32	0.95	44.08
4.958	12.19	49.34	0.46	8.02	293.9	0.96	44.08
4.979	12.18	49.33	0.3	8.02	283.33	0.99	44.08
4.995	12.18	49.34	0.42	8.03	302.89	1.05	44.08

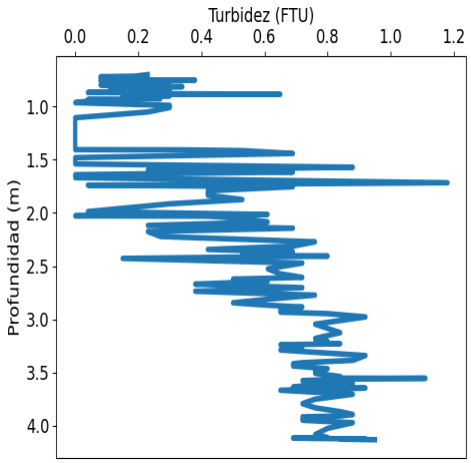
5.008	12.18	49.34	0.34	8.04	289.31	1.07	44.08
5.028	12.19	49.34	0.42	8.05	285.51	1.06	44.08
5.046	12.19	49.34	0.3	8.07	294.24	1.05	44.08
5.06	12.19	49.34	0.34	8.08	272.32	1.01	44.08
5.072	12.19	49.34	0.38	8.09	283.73	1.02	44.08
5.083	12.19	49.34	0.3	8.11	277.42	1.05	44.08
5.095	12.19	49.34	0.23	8.12	272.07	1.04	44.08
5.109	12.19	49.34	0.46	8.12	276.65	0.97	44.08
5.127	12.19	49.34	0.46	8.12	278.97	1.0	44.08
5.145	12.19	49.34	0.46	8.12	271.25	1.02	44.08
5.163	12.19	49.34	0.46	8.12	280.33	1.01	44.08
5.179	12.19	49.34	0.46	8.13	280.85	0.97	44.08
5.196	12.19	49.34	0.3	8.13	255.63	0.98	44.08
5.212	12.19	49.34	0.27	8.13	269.37	0.95	44.08
5.233	12.19	49.34	0.53	8.12	267.32	0.98	44.08
5.26	12.19	49.34	0.42	8.09	254.27	0.98	44.08
5.299	12.19	49.34	0.38	8.06	258.49	0.95	44.08
5.355	12.19	49.34	0.53	8.02	247.75	0.94	44.08
5.41	12.19	49.34	0.42	8.0	244.05	1.06	44.08
5.444	12.19	49.34	0.34	7.99	234.29	1.08	44.08
5.46	12.19	49.34	0.42	7.98	235.6	1.05	44.08
5.482	12.19	49.34	0.5	7.99	212.51	1.02	44.08
5.536	12.19	49.34	0.5	8.01	198.97	1.06	44.08
5.606	12.19	49.34	0.34	8.05	193.07	1.07	44.08
5.677	12.19	49.34	0.34	8.09	193.74	1.12	44.08
5.736	12.19	49.35	0.34	8.11	182.03	1.1	44.09
5.78	12.19	49.35	0.38	8.14	182.03	1.06	44.08
5.802	12.19	49.35	0.38	8.15	171.58	1.05	44.08
5.809	12.2	49.35	0.46	8.18	170.04	1.02	44.08
5.812	12.2	49.35	0.38	8.19	170.43	1.12	44.08
5.813	12.2	49.35	0.46	8.2	170.39	1.14	44.08
5.815	12.19	49.35	0.38	8.2	169.6	1.08	44.08
5.818	12.19	49.35	0.5	8.21	170.55	1.02	44.08
5.819	12.19	49.34	0.3	8.22	172.46	1.08	44.08
5.821	12.19	49.34	0.34	8.23	172.58	1.1	44.08
5.822	12.19	49.34	0.38	8.25	170.51	1.14	44.08
5.823	12.19	49.35	0.46	8.26	172.22	1.06	44.08
5.824	12.19	49.35	0.46	8.25	176.38	1.2	44.08
5.825	12.19	49.35	0.57	8.23	176.14	1.16	44.08
5.826	12.19	49.35	0.38	8.22	175.56	1.26	44.08

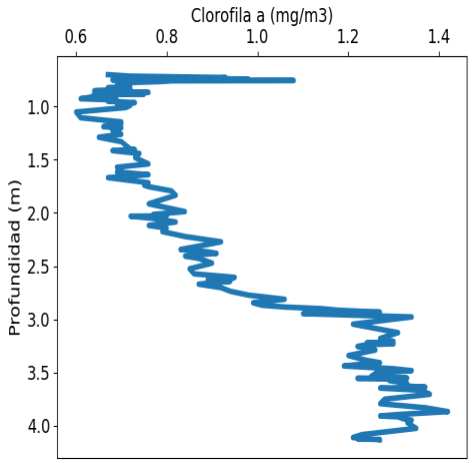
Nombre: CTD E11 - Punto 017 **Fecha: 16/01/2024** **Hora: 11:01:54**

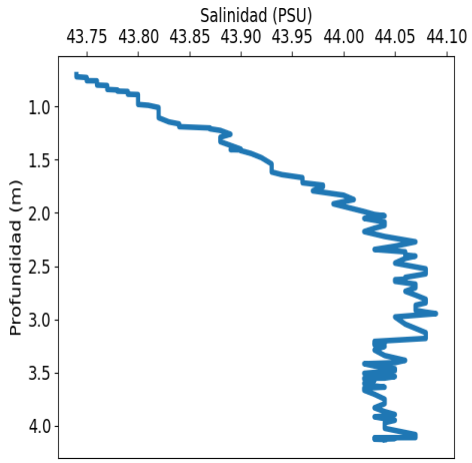


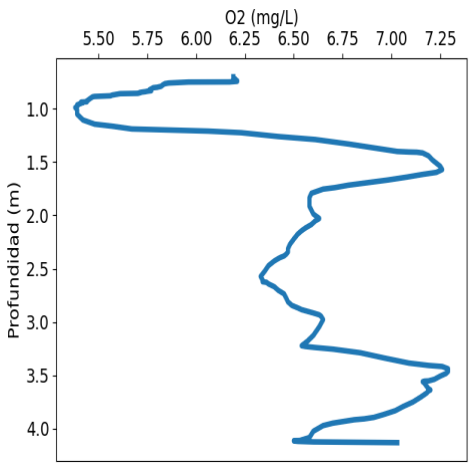


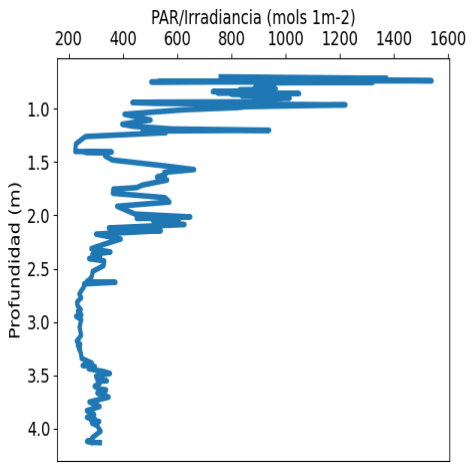












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.37	49.51	0.0	5.38	223.83	0.6	43.74
PROF (metros)	2.573	0.715	0.964	0.989	1.401	1.052	0.701
MÁXIMO	12.63	12.63	1.18	7.29	1539.2	1.42	44.09
PROF (metros)	0.701	3.638	1.717	3.439	0.738	3.868	2.947

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.61	49.53	0.2	5.75	909.43	0.73	43.77
1 - 2m	12.49	49.55	0.47	6.69	458.6	0.74	43.94
2 - 3m	12.39	49.55	0.58	6.48	323.19	0.93	44.06
3 - 4m	12.41	49.56	0.79	6.97	286.85	1.29	44.04
4 - 5m	12.41	49.57	0.82	6.65	286.18	1.25	44.04

OBSERVACIONES GENERALES

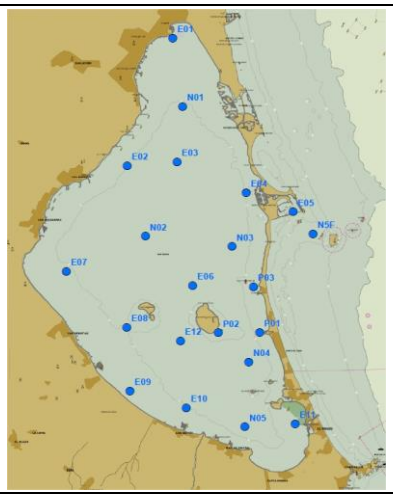
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	12.63	49.52	0.23	6.19	760.16	0.67	43.74
0.715	12.62	49.51	0.19	6.19	1373.0	0.72	43.74
0.721	12.62	49.51	0.08	6.2	1255.8	0.81	43.74
0.728	12.62	49.51	0.23	6.2	1149.2	0.93	43.75
0.738	12.62	49.52	0.15	6.21	1539.2	0.9	43.75
0.743	12.62	49.51	0.19	6.21	534.07	0.98	43.75
0.746	12.62	49.51	0.15	6.19	698.17	0.9	43.75
0.749	12.62	49.52	0.08	6.17	504.0	0.83	43.75
0.75	12.62	49.52	0.19	5.96	1011.1	0.68	43.75
0.753	12.62	49.52	0.38	5.93	1320.9	0.75	43.75
0.755	12.62	49.52	0.23	5.91	1321.2	0.84	43.75
0.756	12.62	49.52	0.08	5.89	1050.3	1.08	43.75
0.758	12.62	49.52	0.23	5.88	924.61	0.94	43.75
0.759	12.62	49.52	0.23	5.86	933.44	0.81	43.76
0.765	12.62	49.52	0.3	5.84	945.63	0.79	43.76
0.775	12.62	49.52	0.19	5.83	915.65	0.72	43.76
0.79	12.61	49.52	0.19	5.82	939.3	0.7	43.76
0.798	12.61	49.52	0.08	5.8	887.45	0.72	43.76
0.799	12.62	49.53	0.27	5.8	958.43	0.69	43.76
0.803	12.61	49.53	0.11	5.78	895.71	0.71	43.77
0.814	12.61	49.52	0.34	5.77	964.0	0.71	43.77
0.824	12.61	49.52	0.19	5.76	829.95	0.67	43.77
0.831	12.61	49.53	0.11	5.77	935.61	0.72	43.77
0.836	12.61	49.53	0.3	5.75	775.28	0.69	43.77
0.84	12.61	49.53	0.27	5.74	731.13	0.72	43.77
0.845	12.61	49.53	0.15	5.72	835.94	0.68	43.78
0.849	12.61	49.53	0.27	5.71	861.71	0.65	43.78
0.852	12.61	49.53	0.23	5.71	748.79	0.64	43.78
0.856	12.61	49.53	0.27	5.7	1036.1	0.64	43.78
0.858	12.61	49.54	0.23	5.62	1050.3	0.7	43.79
0.859	12.6	49.53	0.3	5.61	982.95	0.67	43.79
0.862	12.6	49.54	0.11	5.6	799.0	0.68	43.79
0.865	12.6	49.54	0.15	5.59	855.54	0.68	43.79
0.868	12.6	49.54	0.04	5.58	847.84	0.76	43.79
0.872	12.6	49.54	0.27	5.57	921.62	0.69	43.79
0.879	12.6	49.54	0.19	5.56	838.07	0.64	43.79
0.885	12.6	49.54	0.65	5.48	956.88	0.75	43.79

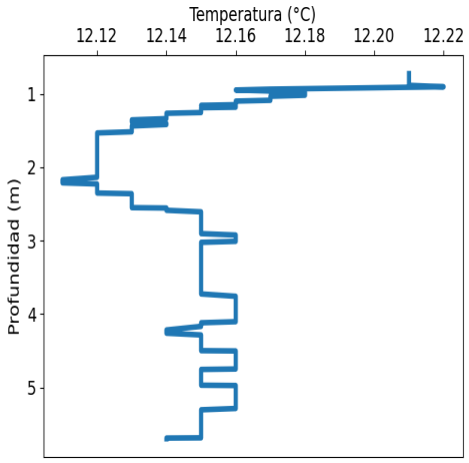
0.888	12.6	49.54	0.15	5.47	968.03	0.68	43.8
0.9	12.6	49.54	0.3	5.46	1015.6	0.64	43.8
0.914	12.6	49.54	0.15	5.45	914.81	0.63	43.8
0.927	12.6	49.54	0.27	5.44	883.75	0.61	43.8
0.935	12.6	49.54	0.04	5.44	916.08	0.66	43.8
0.938	12.6	49.54	0.11	5.41	523.77	0.69	43.8
0.942	12.6	49.54	0.15	5.42	434.32	0.69	43.8
0.95	12.6	49.54	0.04	5.41	521.59	0.67	43.8
0.964	12.6	49.54	0.0	5.39	1221.4	0.73	43.8
0.981	12.6	49.54	0.19	5.39	852.37	0.69	43.8
0.989	12.59	49.54	0.3	5.38	824.77	0.72	43.81
1.01	12.59	49.54	0.3	5.39	624.08	0.71	43.82
1.052	12.58	49.54	0.23	5.39	405.15	0.6	43.82
1.106	12.58	49.54	0.0	5.42	502.26	0.61	43.82
1.145	12.57	49.54	0.0	5.48	396.78	0.7	43.83
1.164	12.57	49.54	0.0	5.57	434.42	0.7	43.84
1.19	12.56	49.54	0.0	5.67	579.74	0.66	43.84
1.202	12.54	49.54	0.0	5.91	939.73	0.7	43.87
1.21	12.54	49.54	0.0	6.06	472.23	0.68	43.87
1.225	12.53	49.54	0.0	6.23	558.12	0.68	43.88
1.261	12.53	49.55	0.0	6.42	261.62	0.7	43.89
1.289	12.53	49.55	0.0	6.61	246.55	0.65	43.88
1.331	12.53	49.55	0.0	6.78	225.97	0.7	43.88
1.401	12.52	49.55	0.0	7.03	223.83	0.72	43.9
1.406	12.52	49.55	0.0	7.09	358.9	0.73	43.89
1.408	12.52	49.55	0.34	7.13	259.69	0.71	43.9
1.415	12.52	49.55	0.53	7.16	345.35	0.68	43.9
1.442	12.51	49.55	0.69	7.19	333.55	0.74	43.91
1.481	12.51	49.55	0.0	7.21	360.73	0.73	43.92
1.54	12.5	49.55	0.0	7.25	566.46	0.76	43.93
1.571	12.5	49.55	0.88	7.26	662.85	0.69	43.93
1.597	12.5	49.55	0.23	7.23	552.45	0.7	43.93
1.616	12.49	49.55	0.69	7.16	557.08	0.69	43.93
1.641	12.48	49.55	0.0	7.08	525.11	0.76	43.94
1.669	12.47	49.56	0.0	6.98	563.18	0.67	43.96
1.717	12.46	49.55	1.18	6.78	470.91	0.76	43.96
1.74	12.46	49.56	0.04	6.71	450.63	0.75	43.98
1.754	12.45	49.56	0.69	6.65	364.18	0.76	43.98
1.793	12.45	49.55	0.42	6.59	362.49	0.81	43.97
1.834	12.44	49.56	0.42	6.58	555.02	0.82	44.0
1.875	12.43	49.55	0.53	6.58	571.6	0.79	44.01
1.915	12.44	49.54	0.3	6.58	378.2	0.76	43.99
1.988	12.43	49.56	0.04	6.6	444.4	0.84	44.02
2.015	12.42	49.56	0.61	6.62	648.71	0.77	44.03
2.028	12.41	49.57	0.0	6.63	450.31	0.8	44.04
2.031	12.42	49.56	0.42	6.63	607.95	0.72	44.03
2.052	12.42	49.55	0.53	6.61	511.66	0.77	44.02
2.086	12.42	49.56	0.61	6.59	627.27	0.82	44.04
2.118	12.41	49.57	0.23	6.56	347.44	0.76	44.04
2.144	12.41	49.55	0.69	6.54	540.05	0.8	44.03
2.176	12.41	49.54	0.23	6.52	300.31	0.79	44.02
2.222	12.4	49.55	0.27	6.5	392.12	0.84	44.04
2.272	12.39	49.56	0.76	6.48	329.1	0.92	44.07
2.313	12.39	49.55	0.69	6.47	282.94	0.87	44.05
2.344	12.39	49.53	0.42	6.47	354.02	0.83	44.03
2.366	12.39	49.56	0.69	6.46	286.9	0.89	44.06
2.381	12.39	49.56	0.53	6.45	289.1	0.91	44.06
2.396	12.38	49.55	0.53	6.43	316.45	0.86	44.06

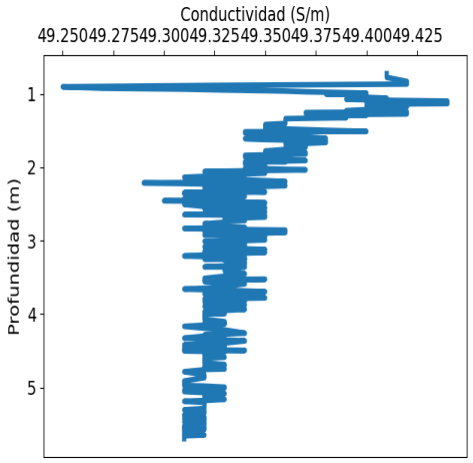
2.406	12.38	49.55	0.8	6.42	274.86	0.84	44.07
2.428	12.38	49.54	0.15	6.4	331.16	0.87	44.06
2.472	12.38	49.53	0.72	6.37	328.49	0.9	44.05
2.526	12.38	49.56	0.61	6.35	288.23	0.85	44.08
2.573	12.37	49.56	0.65	6.33	284.85	0.86	44.08
2.606	12.38	49.54	0.72	6.34	275.31	0.95	44.06
2.623	12.39	49.56	0.5	6.34	265.53	0.94	44.06
2.628	12.39	49.55	0.57	6.36	372.37	0.89	44.05
2.643	12.39	49.54	0.61	6.37	256.04	0.94	44.05
2.67	12.38	49.56	0.38	6.4	256.22	0.87	44.07
2.703	12.38	49.55	0.72	6.42	247.46	0.92	44.07
2.737	12.38	49.54	0.38	6.45	238.9	0.94	44.06
2.773	12.38	49.55	0.76	6.46	245.92	0.98	44.07
2.812	12.38	49.57	0.61	6.47	230.95	1.06	44.08
2.845	12.38	49.56	0.5	6.49	231.91	0.99	44.08
2.868	12.38	49.55	0.61	6.52	239.12	1.01	44.07
2.885	12.37	49.55	0.72	6.54	244.5	1.06	44.07
2.9	12.37	49.55	0.65	6.57	233.53	1.14	44.07
2.916	12.38	49.55	0.65	6.6	236.04	1.18	44.07
2.933	12.37	49.56	0.65	6.63	246.66	1.27	44.08
2.947	12.37	49.57	0.8	6.64	226.65	1.1	44.09
2.978	12.37	49.53	0.92	6.65	246.15	1.34	44.05
3.046	12.37	49.54	0.76	6.63	239.73	1.21	44.06
3.126	12.38	49.57	0.84	6.6	245.41	1.31	44.08
3.18	12.38	49.56	0.76	6.57	229.24	1.27	44.08
3.208	12.4	49.54	0.8	6.55	242.36	1.3	44.03
3.223	12.41	49.56	0.76	6.54	232.99	1.24	44.03
3.23	12.41	49.56	0.84	6.56	237.13	1.3	44.04
3.24	12.41	49.55	0.65	6.61	241.01	1.24	44.03
3.255	12.41	49.56	0.72	6.7	237.57	1.22	44.04
3.289	12.41	49.56	0.65	6.84	244.56	1.26	44.03
3.341	12.41	49.56	0.92	6.97	247.12	1.2	44.04
3.386	12.41	49.57	0.88	7.09	284.98	1.24	44.06
3.408	12.41	49.56	0.72	7.19	250.76	1.27	44.05
3.418	12.41	49.55	0.69	7.26	296.43	1.24	44.02
3.439	12.41	49.55	0.69	7.29	273.27	1.19	44.03
3.465	12.41	49.57	0.8	7.29	328.18	1.3	44.05
3.483	12.41	49.56	0.76	7.28	352.3	1.34	44.05
3.508	12.41	49.55	0.76	7.25	300.51	1.26	44.02
3.538	12.41	49.57	0.84	7.22	304.72	1.25	44.05
3.553	12.41	49.56	0.8	7.19	340.58	1.33	44.04
3.555	12.42	49.55	1.11	7.17	320.29	1.22	44.02
3.56	12.43	49.57	0.88	7.16	307.99	1.29	44.02
3.576	12.43	49.57	0.72	7.17	314.04	1.29	44.03
3.603	12.43	49.56	0.88	7.18	295.13	1.33	44.02
3.626	12.43	49.57	0.72	7.19	310.57	1.32	44.03
3.638	12.42	49.58	0.69	7.2	337.99	1.37	44.04
3.647	12.42	49.56	0.92	7.19	336.42	1.27	44.02
3.667	12.43	49.56	0.65	7.18	305.0	1.36	44.02
3.705	12.42	49.57	0.88	7.15	347.6	1.38	44.03
3.751	12.42	49.58	0.76	7.11	275.94	1.28	44.04
3.793	12.42	49.56	0.72	7.06	314.33	1.27	44.04
3.832	12.42	49.56	0.76	7.02	266.21	1.37	44.03
3.868	12.42	49.57	0.84	6.96	293.97	1.42	44.04
3.895	12.41	49.58	0.88	6.91	266.52	1.31	44.05
3.909	12.41	49.57	0.84	6.86	296.5	1.27	44.04
3.917	12.41	49.56	0.72	6.81	280.39	1.31	44.03
3.934	12.42	49.57	0.72	6.75	312.81	1.32	44.04

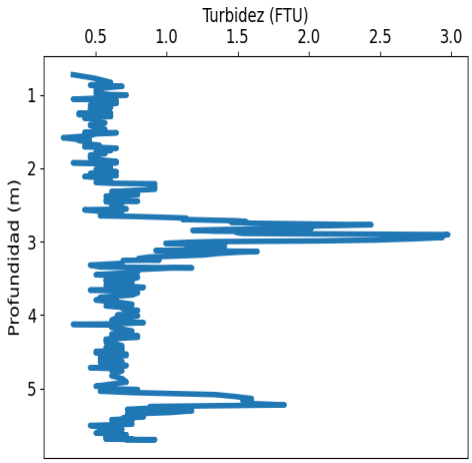
3.949	12.41	49.58	0.72	6.7	285.24	1.34	44.05
3.972	12.41	49.57	0.88	6.65	304.51	1.33	44.04
4.025	12.41	49.55	0.8	6.6	317.63	1.35	44.04
4.084	12.4	49.58	0.76	6.58	287.17	1.23	44.07
4.112	12.4	49.58	0.8	6.53	281.76	1.21	44.07
4.113	12.41	49.56	0.76	6.5	274.35	1.24	44.03
4.116	12.42	49.56	0.69	6.5	268.94	1.24	44.03
4.12	12.41	49.58	0.76	6.52	267.01	1.22	44.05
4.125	12.41	49.57	0.92	6.6	275.94	1.22	44.04
4.127	12.42	49.57	0.84	6.73	292.47	1.24	44.03
4.13	12.42	49.57	0.92	6.87	281.44	1.27	44.04
4.132	12.42	49.57	0.95	7.03	315.14	1.27	44.04

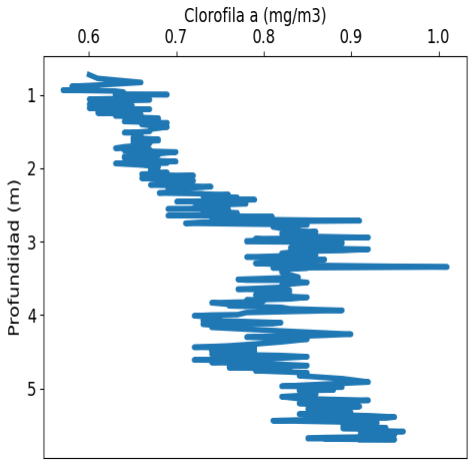
Nombre: CTD N05 - Punto 018 **Fecha: 16/01/2024** **Hora: 11:01:04**

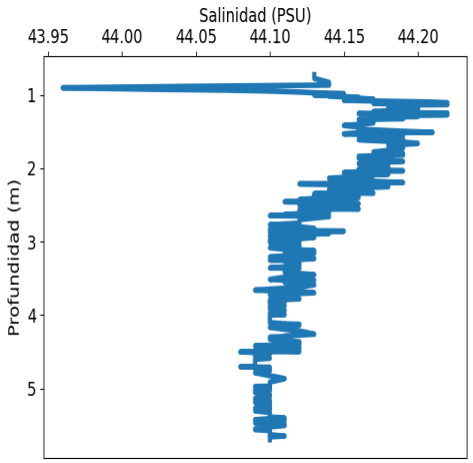


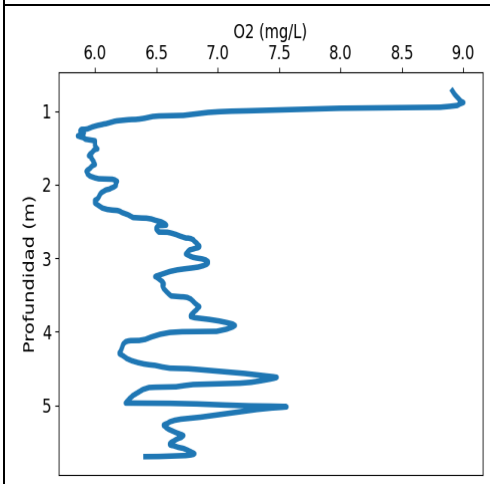


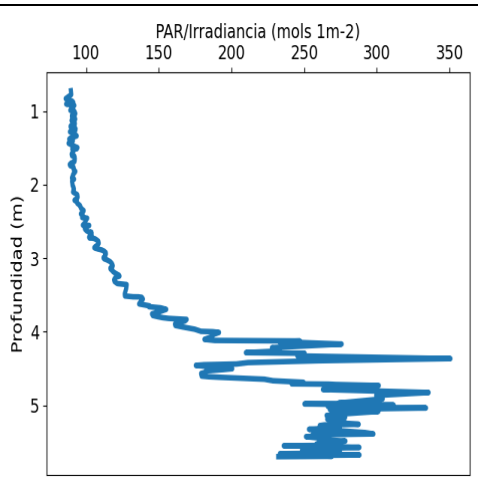












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.11	49.25	0.27	5.86	85.92	0.57	43.96
PROF (metros)	2.17	0.903	1.584	1.337	0.83	0.935	0.903
MÁXIMO	12.22	12.22	2.98	9.0	350.67	1.01	44.22
PROF (metros)	0.903	1.098	2.904	0.883	4.366	3.345	1.108

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.19	49.36	0.53	8.46	89.71	0.62	44.1
1 - 2m	12.14	49.38	0.52	6.1	91.16	0.65	44.18
2 - 3m	12.14	49.33	1.04	6.45	100.65	0.75	44.13
3 - 4m	12.15	49.33	0.83	6.76	135.69	0.83	44.11
4 - 5m	12.16	49.32	0.63	6.67	232.63	0.8	44.1
5 - 6m	12.15	49.32	0.83	6.78	268.9	0.89	44.1

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.724	12.21	49.41	0.34	8.91	89.52	0.6	44.13
0.775	12.21	49.41	0.5	8.93	89.77	0.61	44.13
0.83	12.21	49.42	0.61	8.96	85.92	0.66	44.14
0.866	12.21	49.42	0.46	8.98	90.58	0.61	44.14
0.883	12.21	49.33	0.69	9.0	91.2	0.58	44.05
0.903	12.22	49.25	0.57	8.97	86.22	0.6	43.96
0.923	12.19	49.27	0.5	8.95	91.92	0.61	44.02
0.935	12.17	49.31	0.53	8.89	90.0	0.57	44.07
0.947	12.16	49.33	0.53	8.81	90.73	0.63	44.1
0.961	12.17	49.36	0.5	7.99	90.17	0.64	44.12
0.971	12.17	49.37	0.5	7.78	89.96	0.63	44.13
0.982	12.18	49.39	0.53	7.58	89.29	0.64	44.15
0.989	12.18	49.4	0.57	7.4	89.09	0.63	44.15
0.996	12.18	49.39	0.61	7.24	91.51	0.69	44.15
1.001	12.18	49.38	0.72	7.11	91.92	0.63	44.13
1.008	12.18	49.39	0.61	7.01	90.94	0.64	44.14
1.018	12.18	49.39	0.5	6.92	92.11	0.63	44.14
1.032	12.17	49.4	0.53	6.85	92.58	0.64	44.16
1.046	12.17	49.4	0.5	6.78	92.2	0.65	44.16
1.058	12.17	49.41	0.34	6.72	90.21	0.6	44.17
1.066	12.17	49.41	0.53	6.52	91.13	0.67	44.17
1.073	12.17	49.39	0.65	6.47	90.19	0.65	44.15
1.087	12.17	49.41	0.57	6.43	90.73	0.63	44.18
1.098	12.16	49.44	0.57	6.4	92.24	0.62	44.21
1.108	12.16	49.44	0.61	6.36	92.54	0.63	44.22
1.113	12.16	49.44	0.5	6.33	91.24	0.63	44.21
1.114	12.16	49.41	0.65	6.3	90.67	0.63	44.19
1.117	12.16	49.4	0.57	6.27	91.05	0.62	44.17
1.122	12.16	49.41	0.5	6.24	91.7	0.63	44.19
1.127	12.16	49.44	0.57	6.21	89.92	0.6	44.22
1.132	12.16	49.44	0.53	6.18	90.58	0.61	44.22
1.138	12.16	49.41	0.46	6.16	90.5	0.63	44.19
1.147	12.16	49.4	0.5	6.14	92.13	0.65	44.18
1.156	12.15	49.41	0.61	6.12	91.81	0.62	44.19
1.164	12.15	49.42	0.57	6.1	91.11	0.62	44.2
1.171	12.16	49.42	0.61	6.09	92.28	0.61	44.2

1.176	12.16	49.42	0.5	6.07	91.62	0.61	44.2
1.181	12.16	49.41	0.46	6.06	91.45	0.6	44.19
1.188	12.15	49.4	0.5	6.04	92.09	0.63	44.18
1.195	12.15	49.41	0.46	6.02	89.67	0.67	44.2
1.205	12.15	49.41	0.5	6.0	89.27	0.63	44.2
1.214	12.15	49.4	0.53	5.98	89.29	0.64	44.18
1.228	12.15	49.39	0.5	5.96	91.01	0.63	44.17
1.241	12.15	49.39	0.53	5.94	92.77	0.61	44.18
1.247	12.15	49.42	0.61	5.92	92.64	0.62	44.22
1.248	12.15	49.4	0.38	5.89	92.6	0.61	44.19
1.254	12.15	49.37	0.38	5.89	91.85	0.63	44.16
1.264	12.14	49.37	0.5	5.88	92.47	0.66	44.17
1.269	12.14	49.42	0.38	5.88	91.24	0.64	44.22
1.271	12.14	49.42	0.61	5.88	89.6	0.63	44.22
1.281	12.14	49.39	0.57	5.89	88.82	0.63	44.19
1.287	12.14	49.4	0.57	5.9	89.94	0.63	44.2
1.291	12.14	49.4	0.61	5.9	90.23	0.65	44.2
1.295	12.14	49.39	0.61	5.9	90.82	0.65	44.2
1.299	12.14	49.39	0.46	5.91	90.75	0.64	44.19
1.307	12.14	49.38	0.53	5.9	91.3	0.66	44.18
1.317	12.14	49.38	0.42	5.89	92.43	0.68	44.18
1.324	12.14	49.39	0.5	5.88	92.8	0.68	44.19
1.337	12.14	49.36	0.5	5.86	93.55	0.66	44.16
1.354	12.13	49.36	0.5	5.89	91.18	0.66	44.17
1.362	12.13	49.36	0.5	5.91	89.46	0.64	44.17
1.381	12.13	49.36	0.57	5.92	88.32	0.69	44.17
1.403	12.14	49.36	0.46	6.0	90.92	0.66	44.16
1.417	12.14	49.35	0.46	6.0	90.38	0.67	44.15
1.437	12.13	49.35	0.5	6.0	87.9	0.69	44.16
1.468	12.13	49.35	0.57	6.0	90.71	0.67	44.16
1.496	12.13	49.38	0.53	6.01	94.05	0.67	44.19
1.511	12.13	49.4	0.42	6.01	93.59	0.65	44.21
1.513	12.13	49.38	0.53	6.02	92.73	0.66	44.19
1.514	12.13	49.36	0.53	6.02	92.82	0.64	44.17
1.516	12.13	49.34	0.65	6.01	90.46	0.66	44.16
1.532	12.12	49.34	0.5	5.99	91.56	0.66	44.15
1.556	12.12	49.37	0.46	5.98	90.8	0.66	44.19
1.584	12.12	49.37	0.27	5.96	90.02	0.65	44.18
1.607	12.12	49.38	0.38	5.95	90.29	0.68	44.19
1.61	12.12	49.34	0.46	5.96	91.9	0.65	44.16
1.622	12.12	49.35	0.38	5.97	91.75	0.68	44.17
1.642	12.12	49.38	0.46	5.97	92.2	0.65	44.19
1.662	12.12	49.38	0.42	5.98	92.15	0.67	44.2
1.686	12.12	49.36	0.53	5.99	92.0	0.66	44.18
1.707	12.12	49.37	0.42	5.99	89.64	0.64	44.19
1.726	12.12	49.37	0.65	6.0	88.69	0.63	44.19
1.742	12.12	49.36	0.53	5.98	89.09	0.67	44.18
1.757	12.12	49.36	0.61	5.97	91.2	0.64	44.18
1.778	12.12	49.35	0.5	5.96	91.51	0.7	44.17
1.8	12.12	49.37	0.57	5.94	91.49	0.68	44.19
1.819	12.12	49.37	0.46	5.93	92.62	0.68	44.19
1.837	12.12	49.34	0.46	5.94	92.04	0.64	44.16
1.857	12.12	49.34	0.46	5.94	91.11	0.64	44.16
1.884	12.12	49.35	0.53	5.96	90.71	0.66	44.17
1.908	12.12	49.37	0.65	6.0	90.23	0.7	44.19
1.92	12.12	49.35	0.53	6.03	90.5	0.64	44.17
1.925	12.12	49.36	0.65	6.11	91.75	0.65	44.18
1.926	12.12	49.34	0.34	6.14	90.9	0.69	44.17

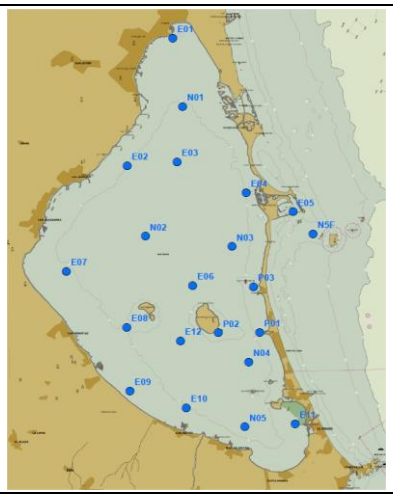
1.935	12.12	49.34	0.53	6.16	90.94	0.63	44.16
1.955	12.12	49.34	0.57	6.18	90.33	0.66	44.17
1.981	12.12	49.35	0.61	6.17	90.54	0.68	44.18
2.013	12.12	49.34	0.5	6.17	90.69	0.67	44.16
2.035	12.12	49.37	0.57	6.15	91.32	0.67	44.19
2.048	12.12	49.34	0.65	6.13	91.39	0.67	44.16
2.059	12.12	49.32	0.5	6.12	91.6	0.69	44.15
2.071	12.12	49.35	0.46	6.09	91.54	0.68	44.17
2.08	12.12	49.35	0.53	6.08	91.47	0.66	44.18
2.091	12.12	49.34	0.5	6.07	91.11	0.67	44.16
2.1	12.12	49.34	0.65	6.06	90.98	0.72	44.17
2.112	12.12	49.33	0.42	6.05	92.0	0.69	44.16
2.136	12.12	49.31	0.57	6.04	93.9	0.66	44.14
2.17	12.11	49.34	0.61	6.03	94.16	0.72	44.16
2.194	12.11	49.36	0.5	6.02	93.57	0.69	44.19
2.204	12.11	49.33	0.61	6.01	92.41	0.69	44.16
2.212	12.11	49.29	0.92	6.0	91.96	0.69	44.12
2.227	12.12	49.32	0.88	6.0	93.49	0.67	44.15
2.251	12.12	49.36	0.92	6.0	93.86	0.74	44.18
2.285	12.12	49.32	0.92	6.03	95.83	0.69	44.14
2.318	12.12	49.33	0.61	6.06	96.39	0.7	44.15
2.337	12.12	49.35	0.72	6.1	97.38	0.68	44.17
2.346	12.12	49.31	0.76	6.14	97.72	0.73	44.13
2.351	12.12	49.33	0.76	6.18	98.31	0.73	44.14
2.36	12.13	49.31	0.8	6.2	98.19	0.76	44.13
2.379	12.13	49.32	0.57	6.22	97.11	0.73	44.13
2.397	12.13	49.34	0.61	6.25	96.37	0.77	44.16
2.41	12.13	49.32	0.69	6.27	97.38	0.74	44.13
2.428	12.13	49.31	0.57	6.29	97.94	0.79	44.12
2.447	12.13	49.33	0.8	6.31	97.22	0.73	44.14
2.454	12.13	49.32	0.65	6.38	100.1	0.7	44.13
2.456	12.13	49.3	0.57	6.42	100.78	0.77	44.11
2.467	12.13	49.33	0.69	6.46	100.31	0.76	44.14
2.484	12.13	49.35	0.61	6.49	99.68	0.78	44.16
2.506	12.13	49.31	0.61	6.54	99.43	0.73	44.12
2.533	12.13	49.32	0.69	6.57	98.67	0.72	44.13
2.55	12.13	49.35	0.65	6.58	97.7	0.73	44.15
2.554	12.14	49.35	0.72	6.55	101.27	0.69	44.16
2.555	12.14	49.35	0.61	6.53	102.19	0.72	44.15
2.558	12.14	49.33	0.65	6.52	101.53	0.76	44.13
2.566	12.14	49.32	0.42	6.51	99.57	0.76	44.12
2.586	12.14	49.33	0.53	6.5	98.99	0.73	44.12
2.607	12.15	49.35	0.57	6.5	99.29	0.77	44.14
2.628	12.15	49.32	0.69	6.51	100.4	0.77	44.11
2.645	12.15	49.33	0.61	6.52	102.02	0.69	44.12
2.646	12.15	49.31	0.57	6.56	103.59	0.73	44.1
2.647	12.15	49.32	0.53	6.59	103.35	0.74	44.11
2.658	12.15	49.35	0.8	6.62	103.67	0.81	44.14
2.678	12.15	49.35	1.14	6.66	103.79	0.74	44.13
2.698	12.15	49.33	1.11	6.69	102.42	0.79	44.12
2.715	12.15	49.34	1.49	6.72	102.02	0.91	44.12
2.726	12.15	49.34	1.56	6.74	102.38	0.79	44.12
2.727	12.15	49.33	1.53	6.76	104.34	0.79	44.12
2.734	12.15	49.33	1.45	6.78	105.8	0.73	44.12
2.749	12.15	49.33	1.6	6.8	107.11	0.71	44.12
2.77	12.15	49.32	2.44	6.81	108.41	0.85	44.1
2.798	12.15	49.33	1.76	6.83	108.69	0.81	44.12
2.819	12.15	49.34	2.02	6.84	107.86	0.82	44.13

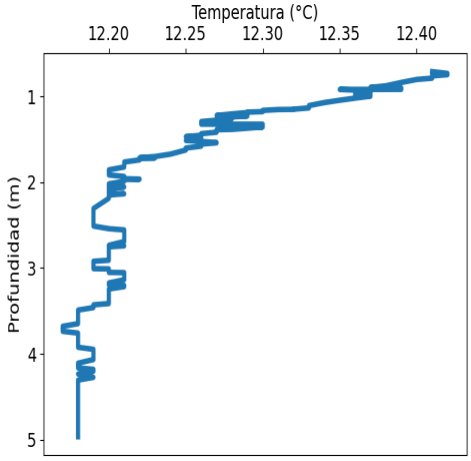
2.834	12.15	49.31	1.41	6.85	106.96	0.84	44.1
2.845	12.15	49.33	1.18	6.85	106.15	0.84	44.11
2.857	12.15	49.36	1.34	6.84	105.61	0.84	44.15
2.864	12.15	49.33	1.72	6.82	106.32	0.86	44.11
2.875	12.15	49.32	1.49	6.8	108.16	0.85	44.1
2.888	12.15	49.36	1.53	6.77	110.69	0.82	44.14
2.904	12.15	49.34	2.98	6.76	112.32	0.83	44.12
2.923	12.16	49.32	2.9	6.75	113.47	0.83	44.1
2.943	12.16	49.35	2.94	6.74	113.58	0.92	44.13
2.96	12.16	49.34	2.75	6.76	113.11	0.79	44.12
2.977	12.16	49.33	2.48	6.78	113.08	0.81	44.1
2.989	12.16	49.35	2.1	6.8	112.01	0.78	44.12
2.999	12.16	49.34	1.34	6.83	111.98	0.78	44.12
3.009	12.16	49.32	1.14	6.87	112.48	0.89	44.1
3.023	12.15	49.33	0.99	6.9	114.32	0.89	44.11
3.045	12.15	49.34	1.41	6.92	116.35	0.85	44.12
3.066	12.15	49.34	1.14	6.92	117.46	0.86	44.12
3.083	12.15	49.32	1.41	6.91	117.95	0.83	44.1
3.103	12.15	49.33	1.37	6.88	118.31	0.92	44.11
3.121	12.15	49.35	0.92	6.84	117.95	0.89	44.13
3.133	12.15	49.33	1.64	6.79	116.67	0.83	44.11
3.145	12.15	49.32	1.49	6.73	116.7	0.83	44.11
3.159	12.15	49.35	1.37	6.67	117.54	0.82	44.13
3.181	12.15	49.33	1.26	6.61	118.47	0.86	44.12
3.209	12.15	49.31	0.88	6.56	120.47	0.78	44.1
3.23	12.15	49.34	0.8	6.52	122.47	0.83	44.13
3.243	12.15	49.34	0.84	6.5	122.98	0.87	44.12
3.251	12.15	49.32	0.95	6.49	121.84	0.85	44.1
3.255	12.15	49.34	0.69	6.5	120.49	0.81	44.12
3.269	12.15	49.33	0.69	6.51	119.94	0.84	44.11
3.295	12.15	49.34	0.69	6.53	119.19	0.79	44.12
3.319	12.15	49.34	0.46	6.55	119.63	0.83	44.12
3.345	12.15	49.33	0.53	6.56	121.48	1.01	44.11
3.358	12.15	49.32	1.18	6.56	126.92	0.81	44.1
3.359	12.15	49.34	1.03	6.55	127.92	0.85	44.12
3.379	12.15	49.33	0.8	6.55	127.8	0.82	44.11
3.415	12.15	49.33	0.8	6.56	127.53	0.82	44.11
3.451	12.15	49.34	0.5	6.58	127.03	0.83	44.13
3.485	12.15	49.33	0.8	6.6	126.56	0.84	44.11
3.514	12.15	49.32	0.76	6.62	126.68	0.77	44.1
3.525	12.15	49.32	0.57	6.7	132.23	0.78	44.11
3.526	12.15	49.35	0.72	6.72	135.96	0.82	44.13
3.533	12.15	49.33	0.57	6.75	138.31	0.83	44.11
3.556	12.15	49.32	0.76	6.78	139.08	0.85	44.11
3.588	12.15	49.34	0.57	6.8	137.7	0.82	44.13
3.622	12.15	49.33	0.84	6.82	136.43	0.82	44.12
3.648	12.15	49.32	0.69	6.84	143.54	0.77	44.1
3.66	12.15	49.31	0.46	6.85	143.24	0.83	44.09
3.675	12.15	49.33	0.72	6.84	151.19	0.8	44.11
3.696	12.15	49.35	0.8	6.83	155.13	0.83	44.13
3.726	12.15	49.32	0.76	6.81	150.8	0.79	44.1
3.758	12.16	49.34	0.53	6.79	145.28	0.85	44.11
3.78	12.16	49.35	0.65	6.78	145.88	0.83	44.12
3.795	12.16	49.32	0.5	6.78	149.13	0.78	44.1
3.809	12.16	49.33	0.57	6.81	152.63	0.8	44.1
3.819	12.16	49.34	0.65	6.86	156.72	0.79	44.11
3.833	12.16	49.32	0.69	6.93	169.17	0.74	44.1
3.854	12.16	49.33	0.76	7.01	168.0	0.76	44.1

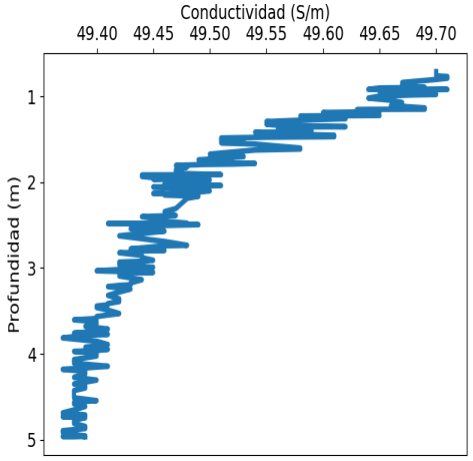
3.875	12.16	49.34	0.57	7.07	163.81	0.76	44.11
3.895	12.16	49.32	0.69	7.12	161.1	0.82	44.1
3.915	12.16	49.33	0.69	7.14	161.36	0.83	44.1
3.936	12.16	49.34	0.8	7.12	166.53	0.89	44.11
3.966	12.16	49.32	0.72	7.07	174.67	0.78	44.1
3.995	12.16	49.33	0.72	6.99	179.06	0.77	44.11
4.0	12.16	49.32	0.65	6.71	187.12	0.74	44.1
4.01	12.16	49.32	0.8	6.61	191.46	0.72	44.1
4.035	12.16	49.32	0.65	6.53	187.9	0.75	44.1
4.071	12.16	49.32	0.61	6.46	186.08	0.73	44.1
4.104	12.16	49.33	0.84	6.41	181.35	0.82	44.1
4.119	12.15	49.33	0.65	6.36	188.51	0.81	44.11
4.121	12.15	49.32	0.65	6.29	207.74	0.73	44.11
4.126	12.15	49.33	0.34	6.27	247.06	0.73	44.12
4.136	12.15	49.33	0.61	6.25	232.88	0.74	44.12
4.168	12.15	49.31	0.61	6.23	275.82	0.74	44.1
4.217	12.14	49.33	0.76	6.22	227.81	0.82	44.12
4.261	12.14	49.34	0.61	6.21	233.37	0.9	44.13
4.285	12.15	49.32	0.8	6.2	209.87	0.85	44.11
4.293	12.15	49.33	0.61	6.2	250.35	0.79	44.11
4.301	12.15	49.32	0.8	6.2	247.92	0.78	44.1
4.329	12.15	49.31	0.57	6.23	245.29	0.85	44.1
4.366	12.15	49.34	0.57	6.26	350.67	0.82	44.12
4.395	12.15	49.33	0.65	6.3	259.69	0.79	44.12
4.42	12.15	49.31	0.69	6.35	211.28	0.76	44.09
4.439	12.15	49.33	0.57	6.4	203.45	0.72	44.11
4.449	12.15	49.33	0.69	6.44	181.14	0.79	44.12
4.458	12.15	49.31	0.61	6.49	175.44	0.77	44.1
4.48	12.15	49.31	0.69	6.55	186.99	0.74	44.09
4.496	12.15	49.34	0.5	6.61	190.18	0.79	44.12
4.499	12.15	49.32	0.61	6.68	191.42	0.74	44.1
4.503	12.16	49.31	0.57	6.76	200.55	0.76	44.08
4.515	12.16	49.33	0.5	6.85	194.5	0.78	44.1
4.533	12.16	49.32	0.72	6.97	182.58	0.74	44.1
4.551	12.16	49.32	0.72	7.1	182.37	0.82	44.09
4.568	12.16	49.32	0.53	7.22	179.06	0.85	44.09
4.588	12.16	49.33	0.57	7.32	179.56	0.82	44.1
4.603	12.16	49.32	0.53	7.4	179.43	0.76	44.09
4.612	12.16	49.32	0.61	7.45	184.19	0.72	44.09
4.62	12.16	49.32	0.61	7.48	192.08	0.79	44.09
4.632	12.16	49.32	0.69	7.46	206.49	0.77	44.09
4.646	12.16	49.32	0.53	7.42	222.59	0.74	44.09
4.667	12.16	49.32	0.65	7.35	228.55	0.81	44.09
4.688	12.16	49.33	0.72	7.27	249.54	0.85	44.09
4.7	12.16	49.33	0.61	7.18	242.13	0.82	44.09
4.705	12.16	49.32	0.57	7.08	241.74	0.76	44.08
4.709	12.16	49.32	0.57	6.98	241.4	0.8	44.09
4.713	12.16	49.32	0.57	6.89	266.7	0.82	44.1
4.718	12.16	49.32	0.46	6.8	271.69	0.76	44.09
4.732	12.16	49.32	0.65	6.73	301.35	0.83	44.09
4.749	12.16	49.33	0.61	6.66	292.68	0.82	44.1
4.755	12.15	49.32	0.61	6.49	287.83	0.8	44.1
4.759	12.15	49.32	0.69	6.44	277.1	0.79	44.1
4.786	12.15	49.31	0.65	6.39	262.9	0.85	44.09
4.827	12.15	49.32	0.61	6.35	335.64	0.84	44.1
4.867	12.15	49.32	0.69	6.31	299.54	0.89	44.11
4.913	12.15	49.31	0.72	6.28	304.09	0.92	44.1
4.97	12.15	49.31	0.5	6.25	273.65	0.82	44.1

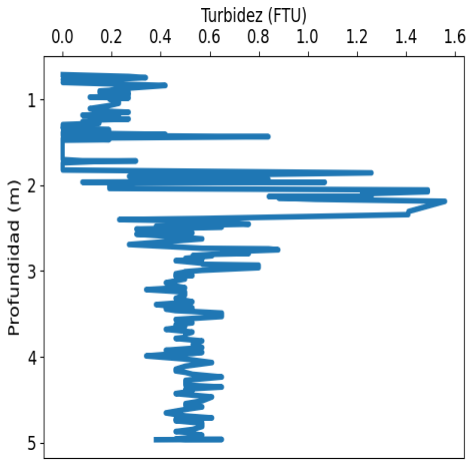
4.974	12.16	49.31	0.61	6.61	302.05	0.85	44.09
4.982	12.16	49.32	0.57	6.83	250.17	0.89	44.1
4.997	12.16	49.33	0.61	7.06	311.58	0.85	44.1
5.008	12.16	49.33	0.61	7.26	279.74	0.86	44.1
5.012	12.16	49.32	0.76	7.43	288.64	0.87	44.1
5.016	12.16	49.32	0.8	7.53	266.27	0.84	44.09
5.022	12.16	49.32	0.72	7.56	280.46	0.88	44.1
5.028	12.16	49.32	0.61	7.52	292.34	0.84	44.1
5.037	12.16	49.31	0.53	7.44	333.86	0.85	44.09
5.057	12.16	49.31	0.76	7.32	267.63	0.86	44.09
5.084	12.16	49.33	1.34	7.2	301.07	0.86	44.1
5.112	12.16	49.32	1.49	7.07	280.52	0.82	44.1
5.139	12.16	49.32	1.6	6.96	265.41	0.84	44.09
5.162	12.16	49.33	1.53	6.86	278.26	0.92	44.1
5.178	12.16	49.32	1.6	6.77	268.31	0.89	44.1
5.189	12.16	49.31	1.6	6.7	265.84	0.87	44.09
5.204	12.16	49.32	1.56	6.65	276.59	0.84	44.1
5.225	12.16	49.32	1.83	6.61	277.68	0.86	44.1
5.246	12.16	49.32	0.88	6.59	278.97	0.91	44.1
5.259	12.16	49.32	0.88	6.57	287.57	0.9	44.1
5.268	12.16	49.32	0.92	6.56	263.75	0.89	44.09
5.277	12.16	49.32	0.8	6.56	260.71	0.85	44.1
5.287	12.16	49.32	0.72	6.57	268.87	0.85	44.1
5.305	12.15	49.31	1.18	6.58	274.6	0.86	44.09
5.327	12.15	49.32	1.03	6.6	253.27	0.9	44.1
5.35	12.15	49.32	0.72	6.63	276.39	0.84	44.1
5.372	12.15	49.31	0.76	6.66	292.0	0.92	44.1
5.39	12.15	49.31	0.84	6.69	297.67	0.95	44.1
5.403	12.15	49.32	0.69	6.71	255.69	0.94	44.11
5.412	12.15	49.32	0.76	6.72	267.2	0.86	44.1
5.427	12.15	49.31	0.61	6.71	251.22	0.85	44.09
5.439	12.15	49.32	0.76	6.7	257.05	0.81	44.11
5.45	12.15	49.32	0.65	6.68	265.53	0.86	44.1
5.467	12.15	49.31	0.65	6.66	260.23	0.93	44.09
5.487	12.15	49.32	0.76	6.64	278.39	0.89	44.11
5.505	12.15	49.32	0.46	6.62	270.88	0.89	44.11
5.523	12.15	49.31	0.53	6.61	258.91	0.9	44.1
5.535	12.15	49.31	0.53	6.61	258.13	0.94	44.1
5.542	12.15	49.32	0.61	6.62	271.57	0.94	44.1
5.545	12.15	49.31	0.53	6.62	270.0	0.89	44.1
5.551	12.15	49.31	0.61	6.64	235.93	0.92	44.09
5.562	12.15	49.31	0.69	6.66	266.02	0.91	44.09
5.573	12.15	49.32	0.53	6.68	288.03	0.92	44.1
5.587	12.15	49.31	0.53	6.72	263.87	0.96	44.1
5.608	12.15	49.31	0.5	6.75	248.56	0.91	44.1
5.632	12.15	49.31	0.72	6.78	251.63	0.95	44.1
5.649	12.15	49.32	0.65	6.8	274.92	0.93	44.11
5.659	12.15	49.31	0.57	6.81	233.26	0.93	44.1
5.669	12.15	49.31	0.61	6.8	266.33	0.87	44.1
5.676	12.15	49.31	0.57	6.78	288.1	0.85	44.1
5.684	12.15	49.31	0.65	6.74	249.19	0.85	44.1
5.687	12.15	49.31	0.76	6.69	255.15	0.92	44.1
5.69	12.14	49.31	0.57	6.64	264.3	0.87	44.1
5.694	12.14	49.31	0.69	6.58	269.06	0.91	44.1
5.697	12.14	49.31	0.8	6.52	245.18	0.95	44.1
5.698	12.14	49.31	0.92	6.47	247.75	0.92	44.1
5.699	12.14	49.31	0.72	6.41	232.18	0.91	44.1

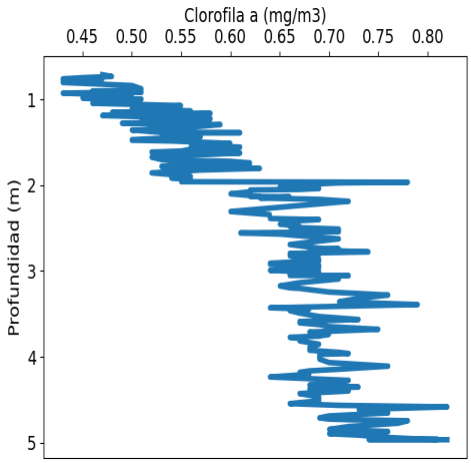
Nombre: CTD E10 - Punto 019 **Fecha: 16/01/2024** **Hora: 11:01:00**

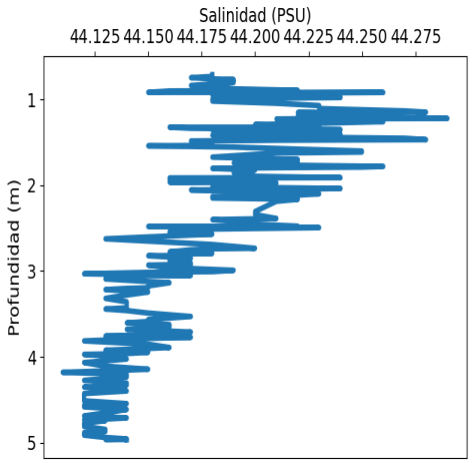


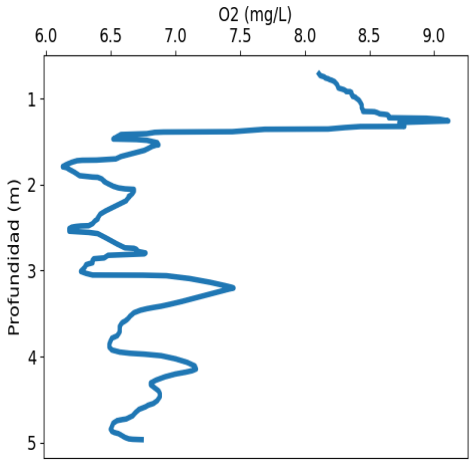


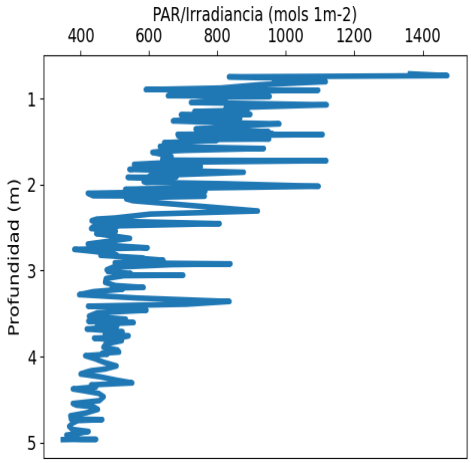












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.17	49.37	0.0	6.13	347.84	0.43	44.11
PROF (metros)	3.678	3.813	0.714	1.79	4.963	0.763	4.179
MÁXIMO	12.42	12.42	1.56	9.11	1472.2	0.82	44.29
PROF (metros)	0.735	0.771	2.188	1.261	0.735	4.581	1.224

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.38	49.68	0.23	8.29	897.9	0.47	44.2
1 - 2m	12.27	49.57	0.29	7.64	779.82	0.55	44.22
2 - 3m	12.2	49.45	0.73	6.48	561.05	0.66	44.18
3 - 4m	12.19	49.41	0.49	6.77	510.81	0.69	44.15
4 - 5m	12.18	49.38	0.52	6.77	418.25	0.72	44.13

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.714	12.41	49.7	0.0	8.11	1362.3	0.47	44.18
0.735	12.42	49.7	0.27	8.12	1472.2	0.48	44.18
0.749	12.42	49.7	0.34	8.15	833.03	0.45	44.17
0.763	12.41	49.7	0.23	8.16	986.15	0.43	44.18
0.771	12.41	49.71	0.0	8.18	1046.4	0.47	44.19
0.78	12.41	49.71	0.23	8.19	1069.7	0.43	44.18
0.79	12.41	49.71	0.23	8.21	964.67	0.46	44.19
0.805	12.4	49.7	0.0	8.23	1117.1	0.43	44.19
0.84	12.39	49.67	0.42	8.25	924.83	0.5	44.17
0.879	12.38	49.67	0.23	8.26	808.87	0.51	44.19
0.897	12.37	49.69	0.19	8.3	590.04	0.5	44.22
0.904	12.39	49.65	0.15	8.31	1095.1	0.46	44.16
0.92	12.39	49.64	0.15	8.32	767.41	0.51	44.15
0.921	12.35	49.71	0.27	8.35	884.37	0.47	44.26
0.929	12.36	49.67	0.23	8.36	750.01	0.43	44.21
0.949	12.37	49.65	0.27	8.36	863.71	0.48	44.18
0.968	12.37	49.67	0.19	8.37	654.75	0.5	44.2
0.976	12.36	49.7	0.11	8.37	953.34	0.47	44.24
0.98	12.36	49.7	0.19	8.38	938.21	0.5	44.24
0.985	12.36	49.68	0.27	8.39	780.69	0.45	44.22
0.999	12.37	49.65	0.19	8.4	825.16	0.51	44.18
1.022	12.36	49.64	0.23	8.42	810.56	0.47	44.18
1.047	12.35	49.66	0.23	8.43	722.03	0.46	44.21
1.074	12.34	49.67	0.19	8.44	1120.0	0.55	44.23
1.109	12.33	49.66	0.11	8.44	823.63	0.5	44.23
1.136	12.33	49.69	0.15	8.45	888.68	0.56	44.27
1.151	12.32	49.69	0.27	8.45	732.14	0.48	44.28
1.153	12.32	49.64	0.19	8.52	877.63	0.54	44.23
1.155	12.31	49.63	0.15	8.54	870.34	0.49	44.22
1.165	12.3	49.63	0.23	8.56	747.58	0.58	44.24
1.179	12.3	49.65	0.15	8.58	822.1	0.55	44.26
1.185	12.29	49.62	0.08	8.62	896.75	0.5	44.24
1.19	12.29	49.6	0.23	8.64	692.69	0.47	44.22
1.206	12.28	49.61	0.19	8.65	829.57	0.52	44.24
1.224	12.27	49.65	0.23	8.65	825.16	0.54	44.29
1.228	12.29	49.6	0.15	8.84	867.12	0.58	44.22
1.23	12.29	49.58	0.27	8.94	813.01	0.52	44.21

1.241	12.28	49.59	0.15	9.04	754.01	0.51	44.23
1.261	12.28	49.62	0.08	9.11	669.49	0.56	44.26
1.279	12.27	49.58	0.15	8.73	801.03	0.49	44.23
1.295	12.26	49.55	0.0	8.74	981.59	0.59	44.2
1.325	12.26	49.57	0.0	8.77	819.25	0.56	44.23
1.326	12.3	49.55	0.11	8.43	806.25	0.53	44.16
1.338	12.3	49.56	0.0	8.31	814.33	0.53	44.17
1.355	12.29	49.62	0.19	8.18	735.72	0.51	44.24
1.358	12.3	49.57	0.08	7.69	779.97	0.5	44.18
1.386	12.28	49.57	0.0	7.44	950.25	0.53	44.2
1.39	12.27	49.56	0.0	6.91	791.26	0.61	44.2
1.394	12.27	49.56	0.04	6.84	778.7	0.53	44.2
1.409	12.27	49.59	0.42	6.78	961.99	0.57	44.24
1.417	12.27	49.58	0.0	6.61	682.96	0.57	44.23
1.419	12.27	49.54	0.0	6.58	1108.1	0.56	44.18
1.436	12.26	49.55	0.84	6.56	685.34	0.57	44.2
1.454	12.26	49.61	0.0	6.54	711.4	0.53	44.27
1.471	12.25	49.61	0.19	6.52	951.57	0.5	44.28
1.477	12.26	49.55	0.0	6.7	747.58	0.5	44.21
1.486	12.26	49.51	0.0	6.78	799.0	0.54	44.17
1.514	12.25	49.51	0.0	6.86	643.62	0.6	44.18
1.539	12.27	49.53	0.0	6.87	700.44	0.56	44.17
1.542	12.27	49.51	0.0	6.85	696.07	0.58	44.15
1.557	12.26	49.54	0.0	6.82	631.36	0.61	44.19
1.581	12.26	49.56	0.0	6.79	936.26	0.56	44.22
1.603	12.25	49.58	0.0	6.76	705.33	0.55	44.25
1.615	12.25	49.58	0.0	6.73	632.82	0.52	44.25
1.626	12.25	49.54	0.0	6.7	609.36	0.61	44.21
1.674	12.24	49.5	0.0	6.58	666.54	0.52	44.18
1.702	12.23	49.53	0.0	6.54	638.57	0.53	44.22
1.716	12.22	49.5	0.08	6.39	651.88	0.54	44.2
1.718	12.23	49.52	0.3	6.28	733.33	0.58	44.22
1.723	12.22	49.51	0.15	6.24	1118.7	0.6	44.21
1.741	12.22	49.49	0.0	6.2	673.69	0.62	44.19
1.766	12.21	49.5	0.0	6.16	555.66	0.61	44.21
1.782	12.21	49.54	0.0	6.14	620.91	0.53	44.26
1.79	12.21	49.52	0.0	6.13	752.09	0.62	44.25
1.795	12.21	49.49	0.0	6.13	695.91	0.57	44.22
1.797	12.21	49.49	0.0	6.14	685.03	0.57	44.21
1.805	12.21	49.47	0.0	6.16	597.47	0.63	44.18
1.824	12.21	49.48	0.0	6.18	542.3	0.57	44.2
1.857	12.2	49.47	1.26	6.22	877.63	0.52	44.19
1.897	12.2	49.47	0.27	6.26	601.78	0.56	44.2
1.913	12.2	49.51	0.57	6.36	680.59	0.55	44.24
1.916	12.2	49.44	0.53	6.4	537.3	0.54	44.16
1.934	12.21	49.44	0.84	6.43	671.2	0.56	44.16
1.96	12.21	49.46	0.5	6.45	656.58	0.55	44.19
1.965	12.22	49.45	0.08	6.45	583.78	0.76	44.16
1.966	12.21	49.47	1.07	6.45	632.82	0.78	44.18
1.974	12.21	49.5	0.3	6.46	589.63	0.71	44.21
1.99	12.21	49.48	0.19	6.48	814.51	0.68	44.2
2.02	12.2	49.46	0.19	6.52	1096.3	0.65	44.18
2.039	12.2	49.51	0.19	6.56	778.16	0.69	44.24
2.05	12.2	49.48	1.07	6.61	577.99	0.67	44.21
2.056	12.21	49.45	1.49	6.68	530.0	0.62	44.17
2.077	12.2	49.48	1.49	6.68	765.28	0.62	44.2
2.101	12.2	49.5	1.22	6.67	420.75	0.6	44.23
2.131	12.2	49.48	1.26	6.65	436.85	0.63	44.21

2.132	12.2	49.45	0.84	6.65	537.92	0.62	44.18
2.135	12.21	49.46	1.26	6.64	763.51	0.66	44.18
2.15	12.2	49.46	0.88	6.64	587.18	0.63	44.18
2.165	12.2	49.49	1.03	6.63	532.59	0.69	44.22
2.188	12.2	49.48	1.56	6.62	552.84	0.72	44.21
2.307	12.19	49.47	1.41	6.46	918.63	0.6	44.2
2.343	12.19	49.46	1.41	6.42	603.32	0.64	44.2
2.388	12.19	49.47	0.57	6.4	501.44	0.64	44.21
2.401	12.19	49.44	0.23	6.4	447.09	0.69	44.18
2.42	12.19	49.45	0.61	6.38	431.91	0.66	44.19
2.454	12.19	49.46	0.76	6.36	807.0	0.65	44.2
2.478	12.19	49.48	0.38	6.33	527.43	0.67	44.22
2.481	12.19	49.41	0.46	6.27	440.0	0.66	44.15
2.487	12.19	49.47	0.65	6.23	506.58	0.67	44.2
2.495	12.19	49.49	0.57	6.2	434.42	0.67	44.23
2.511	12.19	49.44	0.3	6.18	430.41	0.71	44.18
2.542	12.2	49.43	0.5	6.18	503.65	0.71	44.16
2.556	12.21	49.44	0.53	6.33	472.88	0.61	44.16
2.57	12.21	49.46	0.3	6.4	445.33	0.65	44.18
2.625	12.21	49.42	0.57	6.47	545.2	0.71	44.13
2.691	12.21	49.46	0.27	6.55	420.75	0.66	44.18
2.735	12.2	49.48	0.57	6.61	596.5	0.69	44.2
2.741	12.21	49.46	0.84	6.68	525.84	0.71	44.18
2.753	12.2	49.45	0.88	6.7	381.28	0.68	44.17
2.777	12.2	49.43	0.65	6.71	439.49	0.74	44.16
2.795	12.2	49.46	0.76	6.77	479.06	0.66	44.18
2.805	12.2	49.43	0.61	6.76	498.2	0.69	44.16
2.82	12.2	49.43	0.53	6.52	506.93	0.67	44.16
2.822	12.2	49.42	0.61	6.48	457.78	0.66	44.15
2.852	12.2	49.44	0.5	6.45	582.57	0.67	44.17
2.862	12.2	49.44	0.57	6.37	588.95	0.69	44.16
2.879	12.2	49.44	0.46	6.36	642.58	0.69	44.16
2.909	12.2	49.45	0.57	6.36	499.35	0.64	44.17
2.921	12.19	49.44	0.57	6.33	838.65	0.64	44.17
2.931	12.19	49.42	0.8	6.31	664.23	0.69	44.15
2.961	12.19	49.42	0.8	6.3	493.83	0.69	44.16
2.991	12.19	49.45	0.57	6.28	475.74	0.64	44.19
3.007	12.19	49.44	0.5	6.27	494.29	0.67	44.18
3.01	12.2	49.43	0.5	6.27	479.17	0.69	44.16
3.032	12.2	49.4	0.46	6.31	547.61	0.66	44.12
3.051	12.2	49.45	0.46	6.36	532.22	0.66	44.17
3.053	12.21	49.43	0.53	6.75	700.76	0.72	44.15
3.059	12.21	49.43	0.46	6.93	526.94	0.69	44.14
3.092	12.21	49.42	0.5	7.11	473.54	0.71	44.13
3.136	12.21	49.44	0.42	7.27	471.13	0.67	44.16
3.173	12.2	49.43	0.46	7.38	501.67	0.65	44.15
3.195	12.2	49.43	0.5	7.44	585.0	0.66	44.15
3.202	12.21	49.42	0.42	7.45	491.2	0.67	44.14
3.216	12.21	49.41	0.34	7.41	523.53	0.68	44.13
3.244	12.2	49.43	0.5	7.34	437.55	0.7	44.15
3.279	12.2	49.42	0.5	7.25	395.41	0.76	44.14
3.318	12.2	49.41	0.46	7.15	566.19	0.73	44.13
3.358	12.2	49.42	0.53	7.05	835.94	0.71	44.14
3.39	12.2	49.42	0.38	6.96	710.08	0.79	44.14
3.413	12.2	49.41	0.46	6.89	421.33	0.7	44.14
3.428	12.19	49.41	0.53	6.83	574.92	0.64	44.14
3.442	12.19	49.4	0.42	6.78	495.89	0.68	44.13
3.46	12.19	49.4	0.46	6.73	593.2	0.66	44.14

3.489	12.18	49.41	0.65	6.68	449.17	0.67	44.15
3.529	12.18	49.42	0.65	6.65	423.98	0.69	44.17
3.564	12.18	49.4	0.46	6.63	533.08	0.73	44.15
3.587	12.18	49.4	0.5	6.61	422.21	0.67	44.15
3.603	12.18	49.38	0.53	6.59	555.92	0.67	44.14
3.623	12.18	49.4	0.46	6.58	447.81	0.69	44.16
3.647	12.18	49.4	0.5	6.57	507.4	0.7	44.16
3.678	12.17	49.39	0.42	6.57	417.73	0.75	44.14
3.71	12.17	49.41	0.53	6.57	523.53	0.68	44.17
3.736	12.17	49.4	0.5	6.56	470.59	0.7	44.16
3.757	12.18	49.38	0.5	6.55	541.17	0.69	44.13
3.771	12.18	49.41	0.5	6.53	527.18	0.66	44.17
3.784	12.18	49.39	0.46	6.51	438.98	0.67	44.15
3.813	12.18	49.37	0.57	6.5	521.35	0.67	44.12
3.852	12.18	49.4	0.53	6.49	473.32	0.69	44.15
3.89	12.18	49.41	0.57	6.49	466.24	0.68	44.16
3.922	12.18	49.39	0.42	6.51	508.82	0.68	44.13
3.946	12.19	49.41	0.57	6.57	513.44	0.71	44.15
3.96	12.19	49.4	0.53	6.65	462.37	0.72	44.14
3.97	12.19	49.38	0.42	6.76	478.95	0.69	44.12
3.988	12.19	49.4	0.34	6.89	413.11	0.69	44.13
4.024	12.19	49.4	0.5	7.0	442.55	0.69	44.14
4.065	12.19	49.38	0.61	7.09	468.63	0.7	44.12
4.107	12.18	49.38	0.5	7.15	505.88	0.76	44.13
4.143	12.18	49.41	0.46	7.16	471.35	0.71	44.15
4.162	12.18	49.39	0.46	7.13	431.11	0.68	44.13
4.179	12.19	49.37	0.5	7.08	415.8	0.67	44.11
4.201	12.19	49.39	0.53	7.0	399.65	0.68	44.14
4.233	12.18	49.39	0.65	6.92	457.68	0.64	44.14
4.272	12.19	49.38	0.5	6.85	505.29	0.72	44.12
4.304	12.18	49.4	0.5	6.81	551.69	0.7	44.14
4.327	12.18	49.39	0.5	6.81	430.21	0.68	44.14
4.35	12.18	49.38	0.65	6.83	445.95	0.73	44.12
4.374	12.18	49.39	0.5	6.85	376.97	0.68	44.13
4.396	12.18	49.39	0.53	6.87	410.54	0.72	44.14
4.426	12.18	49.38	0.46	6.88	453.24	0.67	44.12
4.465	12.18	49.38	0.61	6.88	468.3	0.69	44.12
4.51	12.18	49.38	0.57	6.86	455.35	0.69	44.12
4.543	12.18	49.4	0.5	6.83	376.8	0.66	44.14
4.563	12.18	49.38	0.5	6.79	387.87	0.71	44.12
4.581	12.18	49.38	0.57	6.77	438.27	0.82	44.12
4.611	12.18	49.39	0.5	6.72	451.46	0.73	44.14
4.651	12.18	49.38	0.42	6.69	417.73	0.76	44.13
4.686	12.18	49.37	0.5	6.67	369.62	0.7	44.12
4.709	12.18	49.39	0.61	6.64	373.93	0.69	44.14
4.723	12.18	49.39	0.46	6.62	371.16	0.7	44.13
4.73	12.18	49.37	0.57	6.59	464.09	0.72	44.12
4.742	12.18	49.39	0.46	6.55	392.21	0.78	44.13
4.771	12.18	49.38	0.57	6.52	377.32	0.77	44.12
4.809	12.18	49.38	0.57	6.51	366.21	0.72	44.12
4.843	12.18	49.39	0.53	6.5	374.97	0.7	44.13
4.868	12.18	49.39	0.46	6.51	424.27	0.76	44.13
4.881	12.18	49.38	0.53	6.53	405.99	0.71	44.12
4.893	12.18	49.37	0.53	6.56	391.76	0.7	44.12
4.91	12.18	49.37	0.57	6.58	358.07	0.73	44.12
4.937	12.18	49.38	0.53	6.61	362.24	0.76	44.13
4.954	12.18	49.39	0.46	6.64	361.07	0.79	44.14
4.959	12.18	49.38	0.5	6.67	405.24	0.81	44.13

4.96	12.18	49.37	0.65	6.69	446.16	0.8	44.13
4.961	12.18	49.39	0.53	6.71	375.4	0.74	44.14
4.963	12.18	49.39	0.38	6.74	347.84	0.82	44.14

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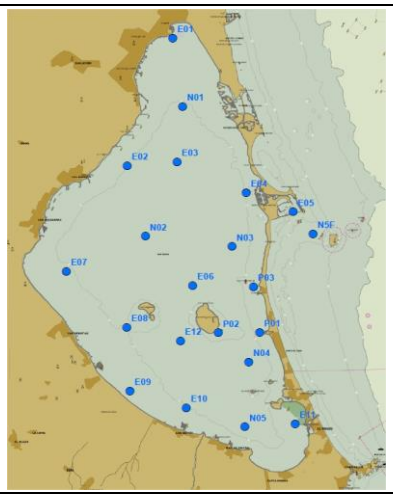
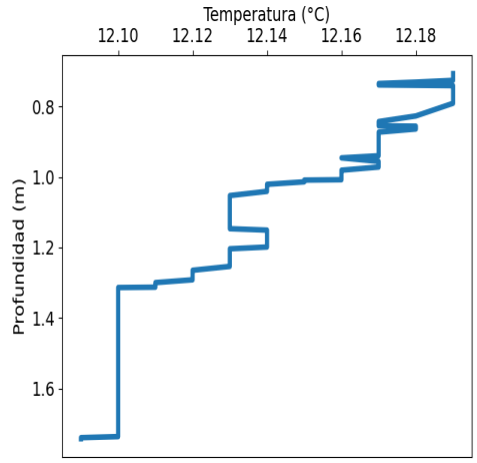
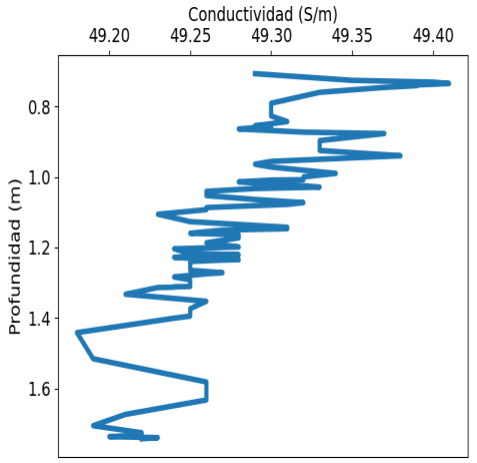
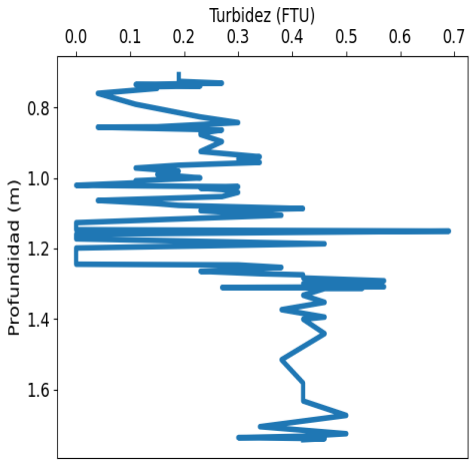
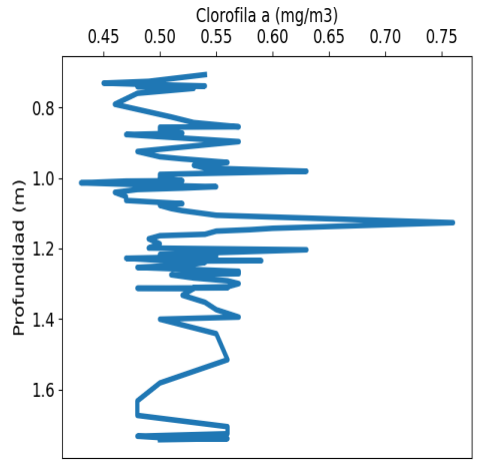
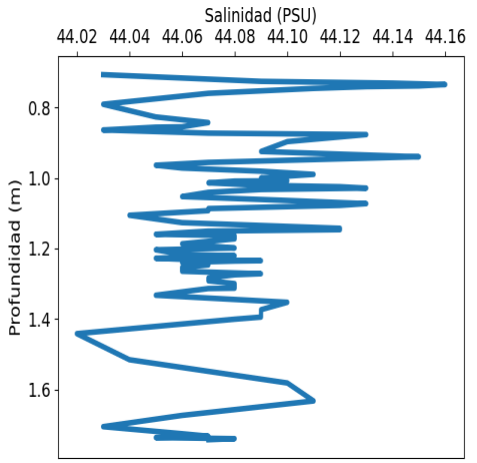


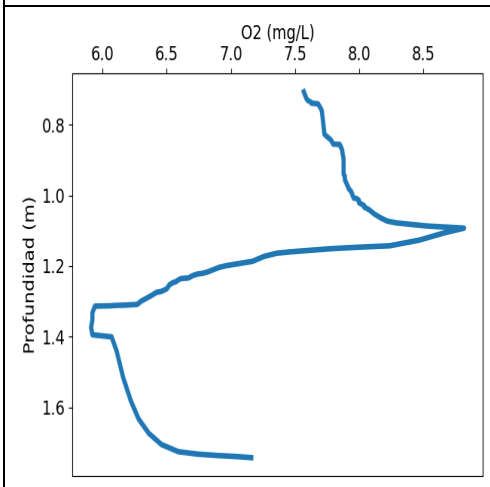


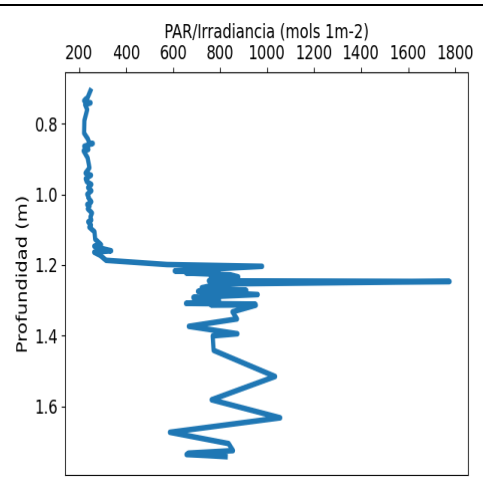


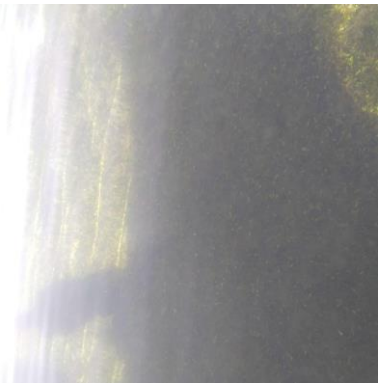












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.09	49.18	0.0	5.91	219.42	0.43	44.02
PROF (metros)	1.74	1.442	1.021	1.374	0.877	1.014	1.442
MÁXIMO	12.19	12.19	0.69	8.82	1775.9	0.76	44.16
PROF (metros)	0.707	0.735	1.151	1.093	1.247	1.127	0.735

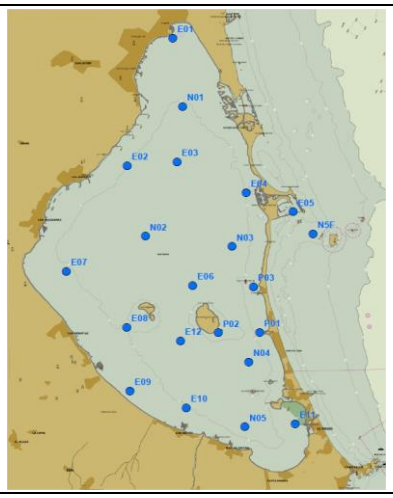
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.18	49.33	0.2	7.79	236.07	0.52	44.09
1 - 2m	12.12	49.25	0.36	6.99	622.28	0.52	44.08

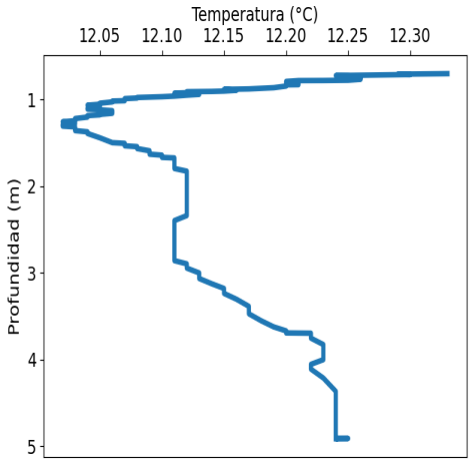
OBSERVACIONES GENERALES

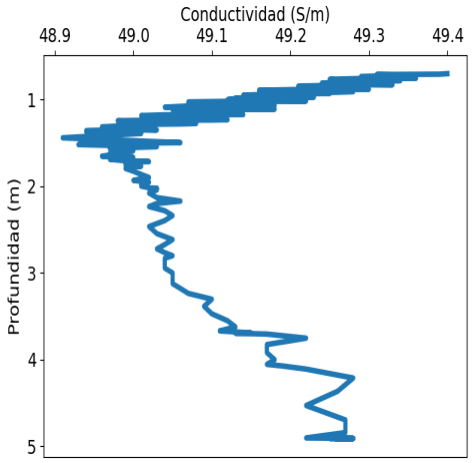
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.707	12.19	49.29	0.19	7.57	248.15	0.54	44.03
0.726	12.19	49.35	0.19	7.59	236.53	0.49	44.09
0.731	12.18	49.4	0.27	7.6	227.23	0.45	44.14
0.735	12.17	49.41	0.11	7.62	221.51	0.49	44.16
0.739	12.17	49.39	0.23	7.63	230.52	0.54	44.15
0.741	12.19	49.39	0.15	7.68	249.25	0.48	44.13
0.746	12.19	49.37	0.15	7.69	225.66	0.53	44.11
0.76	12.19	49.33	0.04	7.71	234.62	0.48	44.07
0.791	12.19	49.3	0.11	7.72	222.7	0.46	44.03
0.827	12.18	49.3	0.23	7.73	221.46	0.51	44.05
0.843	12.17	49.31	0.3	7.78	237.24	0.53	44.07
0.855	12.17	49.29	0.15	7.8	243.82	0.57	44.06
0.856	12.18	49.3	0.04	7.85	258.73	0.5	44.05
0.864	12.18	49.28	0.27	7.86	221.97	0.5	44.03
0.873	12.17	49.32	0.23	7.87	239.62	0.52	44.07
0.877	12.17	49.37	0.23	7.87	219.42	0.47	44.13
0.897	12.17	49.33	0.27	7.88	236.58	0.57	44.1
0.925	12.17	49.33	0.23	7.88	244.16	0.48	44.09
0.94	12.17	49.38	0.34	7.88	227.6	0.5	44.15
0.946	12.16	49.35	0.3	7.89	251.1	0.52	44.12
0.956	12.17	49.3	0.34	7.89	228.24	0.56	44.07
0.964	12.17	49.29	0.19	7.9	232.67	0.53	44.05
0.972	12.17	49.3	0.11	7.91	252.33	0.54	44.06
0.981	12.16	49.32	0.19	7.92	238.23	0.63	44.09
0.99	12.16	49.34	0.15	7.94	252.5	0.5	44.11
1.0	12.16	49.32	0.23	7.95	234.67	0.5	44.09
1.008	12.16	49.32	0.11	7.96	240.96	0.52	44.1
1.009	12.15	49.3	0.11	7.98	239.17	0.47	44.08
1.014	12.15	49.28	0.11	8.0	244.05	0.43	44.07
1.021	12.14	49.3	0.0	8.0	252.27	0.5	44.09
1.025	12.14	49.32	0.3	8.02	247.01	0.55	44.12
1.029	12.14	49.33	0.23	8.04	234.56	0.52	44.13
1.033	12.14	49.29	0.27	8.04	244.73	0.48	44.09
1.041	12.14	49.26	0.3	8.08	236.97	0.46	44.07
1.053	12.13	49.26	0.27	8.12	255.09	0.47	44.06
1.064	12.13	49.29	0.04	8.17	248.38	0.47	44.1
1.073	12.13	49.32	0.15	8.22	252.1	0.52	44.13
1.078	12.13	49.31	0.19	8.29	238.73	0.5	44.12
1.087	12.13	49.26	0.42	8.53	250.76	0.51	44.07
1.093	12.13	49.26	0.23	8.82	243.71	0.52	44.07

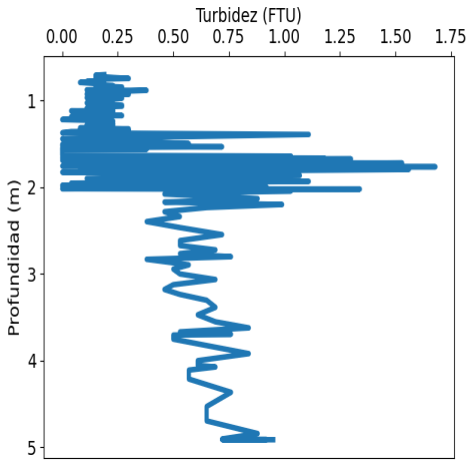
1.106	12.13	49.23	0.38	8.67	265.53	0.55	44.04
1.127	12.13	49.25	0.0	8.47	268.38	0.76	44.06
1.143	12.13	49.31	0.0	8.24	293.7	0.6	44.12
1.147	12.13	49.31	0.0	8.0	264.42	0.58	44.12
1.151	12.14	49.27	0.69	7.79	281.5	0.55	44.07
1.16	12.14	49.25	0.0	7.47	336.66	0.54	44.05
1.164	12.14	49.28	0.0	7.36	264.12	0.5	44.08
1.173	12.14	49.28	0.0	7.26	290.18	0.49	44.08
1.187	12.14	49.26	0.46	7.17	314.85	0.5	44.06
1.199	12.14	49.28	0.0	6.97	574.26	0.49	44.08
1.204	12.13	49.24	0.0	6.91	978.41	0.63	44.05
1.217	12.13	49.25	0.0	6.82	606.68	0.5	44.06
1.221	12.13	49.28	0.0	6.78	793.64	0.51	44.08
1.223	12.13	49.26	0.0	6.74	655.21	0.55	44.07
1.228	12.13	49.24	0.0	6.7	842.94	0.47	44.05
1.234	12.13	49.26	0.0	6.67	877.22	0.5	44.07
1.235	12.13	49.28	0.0	6.64	833.81	0.59	44.09
1.236	12.13	49.27	0.0	6.61	760.86	0.53	44.08
1.24	12.13	49.25	0.0	6.59	860.71	0.54	44.06
1.245	12.13	49.25	0.0	6.57	751.75	0.53	44.07
1.247	12.13	49.25	0.3	6.55	1775.9	0.52	44.07
1.254	12.13	49.25	0.38	6.52	793.83	0.48	44.06
1.265	12.12	49.25	0.23	6.5	721.03	0.57	44.06
1.272	12.12	49.27	0.34	6.46	911.42	0.57	44.09
1.275	12.12	49.26	0.42	6.42	705.49	0.51	44.08
1.284	12.12	49.24	0.42	6.38	959.99	0.53	44.07
1.292	12.12	49.25	0.57	6.34	685.82	0.56	44.07
1.3	12.11	49.25	0.42	6.3	795.3	0.57	44.08
1.309	12.11	49.25	0.57	6.27	654.6	0.56	44.08
1.311	12.11	49.25	0.27	6.18	949.59	0.53	44.08
1.312	12.11	49.24	0.46	6.09	859.11	0.56	44.08
1.313	12.11	49.24	0.53	6.06	760.33	0.48	44.08
1.314	12.1	49.23	0.46	5.94	952.01	0.53	44.07
1.333	12.1	49.21	0.42	5.92	852.37	0.52	44.05
1.353	12.1	49.26	0.46	5.92	871.95	0.54	44.1
1.374	12.1	49.25	0.38	5.91	666.54	0.55	44.09
1.395	12.1	49.25	0.46	5.92	873.57	0.57	44.09
1.401	12.1	49.24	0.42	6.07	768.3	0.5	44.08
1.442	12.1	49.18	0.46	6.11	772.23	0.55	44.02
1.516	12.1	49.19	0.38	6.16	1033.9	0.56	44.04
1.582	12.1	49.26	0.42	6.22	763.69	0.5	44.1
1.633	12.1	49.26	0.42	6.28	1055.7	0.48	44.11
1.674	12.1	49.21	0.5	6.36	586.09	0.48	44.06
1.706	12.1	49.19	0.34	6.46	835.94	0.56	44.03
1.726	12.1	49.22	0.5	6.59	854.74	0.56	44.06
1.733	12.1	49.22	0.42	6.74	665.62	0.48	44.07
1.737	12.1	49.2	0.3	6.9	656.88	0.5	44.05
1.74	12.09	49.23	0.46	7.05	746.54	0.56	44.08
1.743	12.09	49.22	0.42	7.16	823.44	0.5	44.07

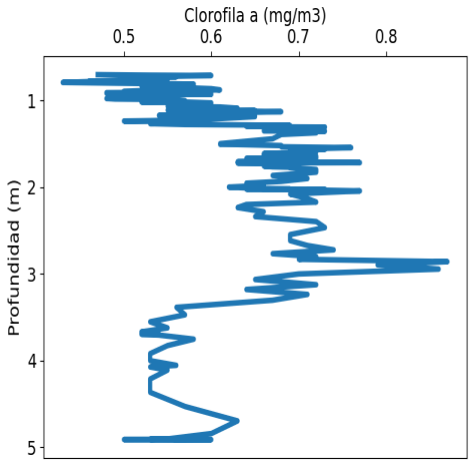
Nombre: CTD E08 - Punto 021 **Fecha: 16/01/2024** **Hora: 12:01:44**

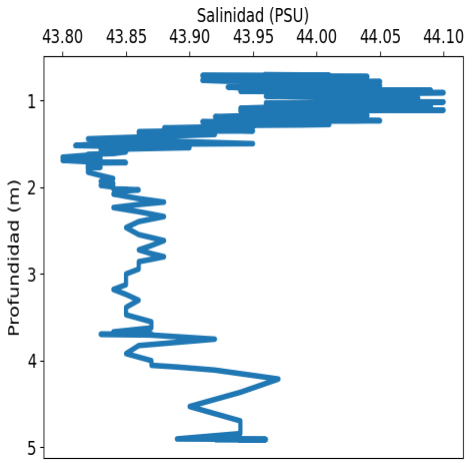


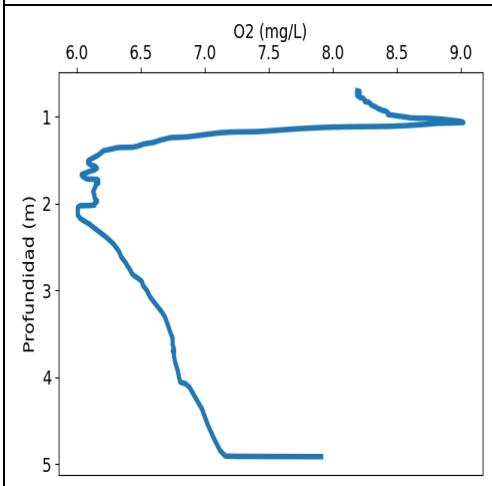


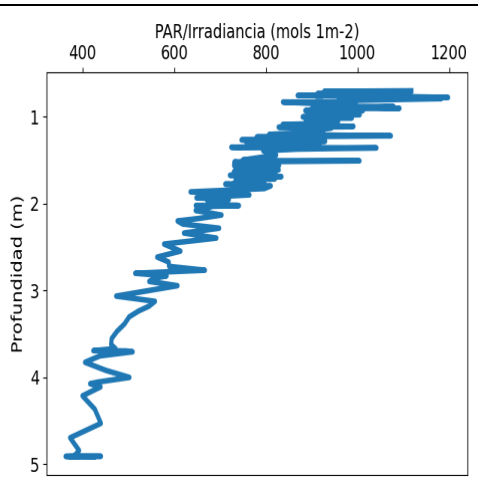












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.02	48.91	0.0	6.01	363.42	0.43	43.8
PROF (metros)	1.259	1.444	1.222	2.045	4.912	0.794	1.656
MÁXIMO	12.33	12.33	1.68	9.02	1197.8	0.87	44.1
PROF (metros)	0.704	0.704	1.767	1.068	0.78	2.861	0.912

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.18	49.26	0.2	8.31	979.58	0.53	44.01
1 - 2m	12.06	49.04	0.41	7.03	837.43	0.64	43.93
2 - 3m	12.11	49.03	0.64	6.22	635.93	0.71	43.86
3 - 4m	12.18	49.11	0.62	6.71	484.6	0.59	43.86
4 - 5m	12.24	49.24	0.72	7.16	412.12	0.56	43.93

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.704	12.33	49.4	0.19	8.19	1117.6	0.47	43.96
0.71	12.29	49.39	0.15	8.21	927.4	0.53	44.01
0.714	12.3	49.31	0.19	8.21	1099.1	0.6	43.91
0.726	12.24	49.36	0.15	8.21	933.66	0.54	44.04
0.729	12.25	49.32	0.19	8.21	1010.7	0.56	43.99
0.737	12.26	49.29	0.23	8.2	912.48	0.52	43.95
0.748	12.26	49.29	0.3	8.19	997.41	0.53	43.95
0.757	12.26	49.36	0.15	8.19	869.53	0.53	44.02
0.758	12.25	49.3	0.19	8.2	1114.8	0.53	43.96
0.769	12.26	49.25	0.19	8.21	1092.3	0.5	43.91
0.78	12.25	49.26	0.15	8.21	1197.8	0.46	43.93
0.783	12.23	49.34	0.11	8.22	958.88	0.55	44.03
0.784	12.21	49.34	0.15	8.23	1012.3	0.46	44.05
0.794	12.2	49.28	0.08	8.24	1182.9	0.43	44.0
0.813	12.2	49.24	0.19	8.25	998.34	0.58	43.96
0.826	12.21	49.29	0.19	8.25	996.26	0.53	44.01
0.831	12.21	49.32	0.23	8.26	908.68	0.56	44.03
0.832	12.2	49.33	0.23	8.27	925.04	0.55	44.05
0.833	12.2	49.29	0.15	8.28	837.49	0.52	44.01
0.847	12.2	49.21	0.27	8.29	894.88	0.55	43.93
0.866	12.19	49.21	0.27	8.3	996.72	0.6	43.95
0.88	12.17	49.28	0.11	8.32	928.69	0.61	44.04
0.884	12.15	49.3	0.15	8.33	915.02	0.57	44.09
0.885	12.15	49.22	0.38	8.33	1078.9	0.53	44.01
0.896	12.16	49.16	0.27	8.34	1026.7	0.5	43.94
0.905	12.15	49.22	0.27	8.35	1091.8	0.5	44.01
0.909	12.14	49.28	0.19	8.36	901.55	0.52	44.08
0.912	12.12	49.28	0.27	8.36	953.12	0.48	44.1
0.918	12.12	49.26	0.27	8.37	962.44	0.48	44.08
0.924	12.12	49.22	0.27	8.38	895.92	0.53	44.04
0.929	12.11	49.23	0.11	8.39	974.33	0.57	44.06
0.931	12.12	49.24	0.3	8.39	886.21	0.6	44.06
0.933	12.13	49.25	0.19	8.4	1011.8	0.49	44.06
0.936	12.13	49.2	0.15	8.41	887.86	0.55	44.0
0.943	12.13	49.17	0.23	8.42	948.71	0.53	43.97
0.952	12.12	49.14	0.15	8.43	955.77	0.54	43.96
0.963	12.11	49.18	0.19	8.43	973.43	0.55	44.01

0.97	12.1	49.22	0.11	8.43	946.51	0.52	44.07
0.975	12.09	49.23	0.27	8.43	903.43	0.5	44.08
0.979	12.08	49.19	0.19	8.44	1005.1	0.48	44.06
0.985	12.08	49.13	0.15	8.47	941.26	0.49	44.0
0.992	12.07	49.13	0.23	8.51	969.6	0.56	44.01
1.004	12.07	49.12	0.19	8.56	880.48	0.57	44.0
1.016	12.07	49.16	0.15	8.61	987.98	0.57	44.05
1.019	12.06	49.22	0.15	8.67	953.78	0.52	44.1
1.02	12.06	49.15	0.15	8.75	904.89	0.57	44.04
1.03	12.06	49.07	0.11	8.85	899.04	0.6	43.96
1.045	12.05	49.07	0.23	8.94	887.45	0.58	43.97
1.057	12.05	49.17	0.27	9.0	957.77	0.56	44.08
1.068	12.04	49.18	0.27	9.02	911.63	0.55	44.09
1.075	12.05	49.14	0.19	8.91	927.62	0.6	44.05
1.077	12.05	49.07	0.19	8.82	954.0	0.61	43.97
1.091	12.05	49.04	0.11	8.71	836.9	0.63	43.94
1.104	12.04	49.14	0.19	8.58	895.92	0.57	44.05
1.113	12.04	49.18	0.23	8.44	991.42	0.55	44.1
1.118	12.05	49.13	0.23	8.14	968.93	0.65	44.04
1.122	12.05	49.05	0.04	7.99	828.03	0.62	43.94
1.131	12.06	49.06	0.23	7.84	943.45	0.68	43.95
1.144	12.06	49.12	0.19	7.69	923.11	0.62	44.01
1.161	12.06	49.11	0.15	7.54	899.04	0.59	44.0
1.174	12.05	49.14	0.19	7.41	925.47	0.54	44.04
1.176	12.05	49.14	0.27	7.29	877.83	0.58	44.04
1.179	12.05	49.04	0.11	7.2	888.06	0.65	43.94
1.188	12.04	49.01	0.04	7.11	880.48	0.65	43.92
1.205	12.04	49.02	0.08	7.02	807.56	0.62	43.93
1.222	12.03	49.09	0.0	6.93	1073.0	0.59	44.01
1.235	12.03	49.12	0.19	6.86	780.33	0.53	44.05
1.239	12.03	49.1	0.19	6.8	825.73	0.5	44.03
1.241	12.03	49.02	0.23	6.75	921.4	0.58	43.94
1.247	12.03	48.98	0.15	6.72	893.23	0.58	43.91
1.259	12.02	49.0	0.15	6.69	922.04	0.56	43.93
1.269	12.03	49.06	0.23	6.66	747.06	0.53	43.99
1.279	12.03	49.08	0.23	6.64	901.75	0.57	44.01
1.284	12.03	49.06	0.11	6.63	929.77	0.64	43.99
1.29	12.02	49.0	0.15	6.62	756.82	0.69	43.93
1.299	12.02	48.98	0.23	6.6	847.64	0.64	43.92
1.307	12.02	49.02	0.23	6.56	918.2	0.69	43.95
1.309	12.02	48.98	0.23	6.55	772.95	0.73	43.91
1.318	12.03	48.96	0.08	6.52	802.52	0.69	43.88
1.33	12.03	48.97	0.3	6.5	896.75	0.67	43.9
1.343	12.03	49.0	0.08	6.47	888.27	0.66	43.93
1.353	12.03	49.03	0.19	6.44	724.71	0.66	43.95
1.356	12.03	48.96	0.3	6.34	740.16	0.73	43.88
1.361	12.03	48.94	0.04	6.31	1041.6	0.72	43.86
1.375	12.04	48.94	0.0	6.27	868.32	0.72	43.86
1.394	12.04	49.01	1.11	6.21	794.38	0.68	43.92
1.444	12.05	48.91	0.0	6.17	822.86	0.67	43.82
1.5	12.06	49.06	0.57	6.1	750.01	0.61	43.95
1.508	12.07	48.97	0.0	6.1	811.12	0.61	43.85
1.51	12.07	48.94	0.0	6.09	1004.6	0.63	43.82
1.522	12.07	48.93	0.0	6.09	731.63	0.68	43.81
1.536	12.07	48.99	0.72	6.09	748.44	0.68	43.86
1.546	12.08	49.03	0.0	6.1	731.13	0.76	43.9
1.562	12.08	48.98	0.0	6.12	829.18	0.7	43.85
1.565	12.08	48.99	0.38	6.13	730.96	0.73	43.85

1.568	12.08	48.97	0.0	6.14	738.96	0.69	43.83
1.594	12.09	49.0	0.0	6.16	778.16	0.72	43.85
1.614	12.09	48.99	0.0	6.14	828.41	0.66	43.84
1.623	12.09	48.97	0.0	6.12	736.57	0.69	43.82
1.633	12.09	48.97	0.0	6.1	730.62	0.66	43.82
1.644	12.1	48.97	1.03	6.08	748.1	0.72	43.81
1.656	12.1	48.96	0.0	6.06	821.72	0.72	43.8
1.667	12.1	48.98	1.18	6.04	811.88	0.72	43.82
1.67	12.1	49.0	0.0	6.04	780.51	0.64	43.83
1.676	12.11	48.98	1.3	6.04	721.7	0.66	43.81
1.692	12.11	48.97	0.0	6.05	834.39	0.71	43.8
1.709	12.11	48.99	0.92	6.07	797.33	0.63	43.82
1.719	12.11	49.02	0.46	6.08	819.82	0.77	43.85
1.722	12.11	49.0	0.76	6.14	800.11	0.69	43.83
1.723	12.11	48.99	1.53	6.16	780.87	0.63	43.82
1.731	12.11	48.99	1.18	6.17	734.18	0.7	43.82
1.744	12.11	48.99	0.42	6.17	786.5	0.7	43.82
1.758	12.11	48.99	0.0	6.17	741.54	0.66	43.82
1.767	12.11	49.0	1.68	6.17	730.79	0.67	43.82
1.772	12.11	49.01	0.08	6.16	796.96	0.69	43.83
1.778	12.11	49.0	0.84	6.15	711.57	0.69	43.82
1.798	12.11	48.99	1.56	6.15	811.12	0.72	43.82
1.829	12.12	49.0	0.0	6.14	797.15	0.72	43.82
1.867	12.12	49.01	1.07	6.13	635.91	0.67	43.83
1.902	12.12	49.02	0.11	6.14	764.57	0.71	43.84
1.935	12.12	49.0	1.11	6.14	648.71	0.68	43.83
1.956	12.12	49.02	0.04	6.15	719.69	0.64	43.84
1.968	12.12	49.01	0.72	6.16	672.6	0.65	43.84
1.981	12.12	49.01	0.0	6.16	697.2	0.66	43.83
2.001	12.12	49.01	0.92	6.14	707.45	0.62	43.84
2.02	12.12	49.02	0.0	6.14	690.29	0.66	43.84
2.023	12.12	49.02	0.46	6.11	739.13	0.69	43.84
2.024	12.12	49.03	1.34	6.1	647.36	0.64	43.85
2.025	12.12	49.03	0.61	6.05	684.55	0.69	43.85
2.026	12.12	49.02	0.69	6.03	741.71	0.73	43.85
2.033	12.12	49.03	0.53	6.02	684.39	0.71	43.86
2.045	12.12	49.03	1.03	6.01	676.35	0.77	43.85
2.081	12.12	49.02	0.46	6.01	647.06	0.69	43.84
2.134	12.12	49.03	0.88	6.01	703.69	0.71	43.86
2.174	12.12	49.06	0.46	6.03	652.78	0.72	43.88
2.202	12.12	49.03	0.99	6.06	607.53	0.64	43.86
2.237	12.12	49.02	0.65	6.1	618.75	0.63	43.84
2.285	12.12	49.04	0.46	6.14	698.49	0.66	43.86
2.341	12.12	49.05	0.53	6.19	621.48	0.65	43.88
2.399	12.11	49.04	0.38	6.24	692.53	0.72	43.86
2.468	12.11	49.02	0.53	6.29	578.13	0.73	43.85
2.549	12.11	49.03	0.72	6.33	614.04	0.69	43.86
2.618	12.11	49.05	0.53	6.35	563.18	0.69	43.88
2.675	12.11	49.04	0.53	6.38	588.4	0.71	43.87
2.725	12.11	49.03	0.69	6.4	589.22	0.74	43.86
2.769	12.11	49.04	0.53	6.42	667.47	0.67	43.87
2.804	12.11	49.05	0.76	6.43	515.23	0.72	43.88
2.834	12.11	49.04	0.38	6.45	583.92	0.7	43.87
2.861	12.11	49.04	0.46	6.48	557.86	0.87	43.86
2.898	12.12	49.04	0.57	6.51	545.83	0.79	43.86
2.947	12.12	49.04	0.5	6.52	607.67	0.86	43.86
3.003	12.13	49.05	0.53	6.55	544.57	0.7	43.85
3.067	12.13	49.05	0.69	6.57	473.65	0.65	43.85

3.127	12.14	49.05	0.5	6.6	558.5	0.72	43.85
3.182	12.15	49.06	0.46	6.63	545.71	0.64	43.84
3.239	12.15	49.07	0.53	6.66	522.68	0.71	43.85
3.306	12.16	49.1	0.65	6.69	502.26	0.67	43.86
3.388	12.17	49.09	0.69	6.71	491.89	0.56	43.85
3.474	12.17	49.1	0.61	6.73	475.41	0.57	43.85
3.555	12.18	49.12	0.69	6.75	464.09	0.53	43.87
3.625	12.19	49.13	0.84	6.75	462.8	0.55	43.87
3.671	12.2	49.11	0.53	6.76	472.44	0.52	43.84
3.695	12.2	49.15	0.53	6.76	423.88	0.54	43.87
3.698	12.22	49.13	0.76	6.75	494.97	0.52	43.83
3.708	12.22	49.17	0.5	6.76	509.88	0.54	43.87
3.755	12.22	49.22	0.5	6.76	438.47	0.58	43.92
3.829	12.23	49.17	0.65	6.77	405.81	0.55	43.86
3.922	12.23	49.17	0.84	6.79	451.25	0.53	43.85
4.003	12.23	49.18	0.61	6.8	502.84	0.53	43.87
4.057	12.22	49.17	0.61	6.81	433.52	0.56	43.87
4.076	12.22	49.19	0.69	6.85	416.86	0.53	43.89
4.112	12.22	49.22	0.57	6.88	439.89	0.55	43.92
4.215	12.23	49.28	0.57	6.92	400.29	0.53	43.97
4.368	12.24	49.26	0.76	6.98	427.13	0.53	43.94
4.532	12.24	49.22	0.65	7.02	440.51	0.57	43.9
4.698	12.24	49.27	0.65	7.07	373.32	0.63	43.94
4.844	12.24	49.27	0.88	7.12	392.94	0.6	43.94
4.906	12.24	49.22	0.72	7.16	382.43	0.55	43.89
4.91	12.24	49.28	0.72	7.18	392.3	0.53	43.96
4.911	12.24	49.28	0.76	7.21	440.81	0.57	43.96
4.912	12.25	49.25	0.76	7.26	363.42	0.56	43.92
4.913	12.24	49.28	0.92	7.49	390.67	0.5	43.96
4.914	12.24	49.28	0.72	7.85	371.51	0.6	43.96
4.915	12.24	49.26	0.95	7.91	425.45	0.56	43.94