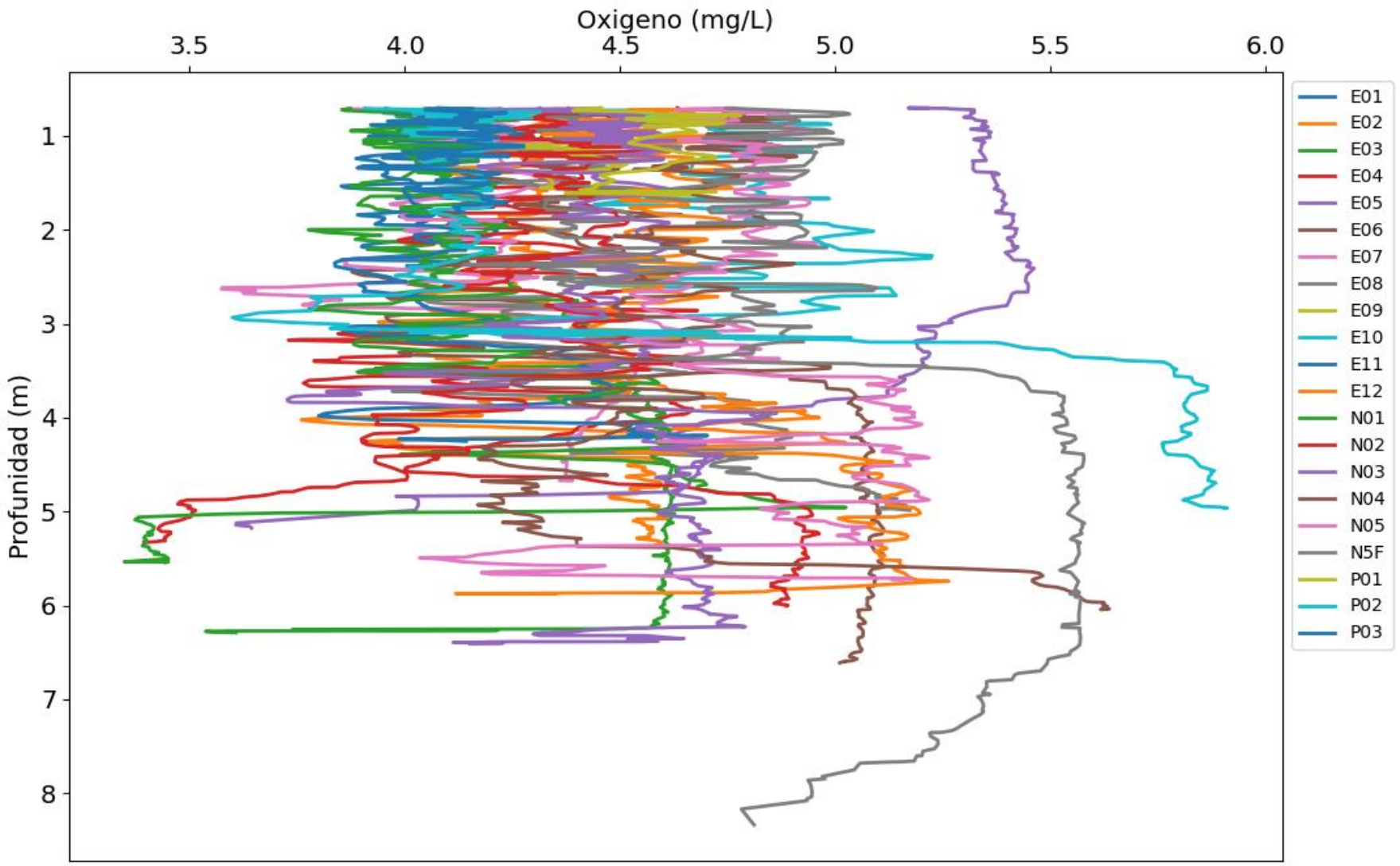
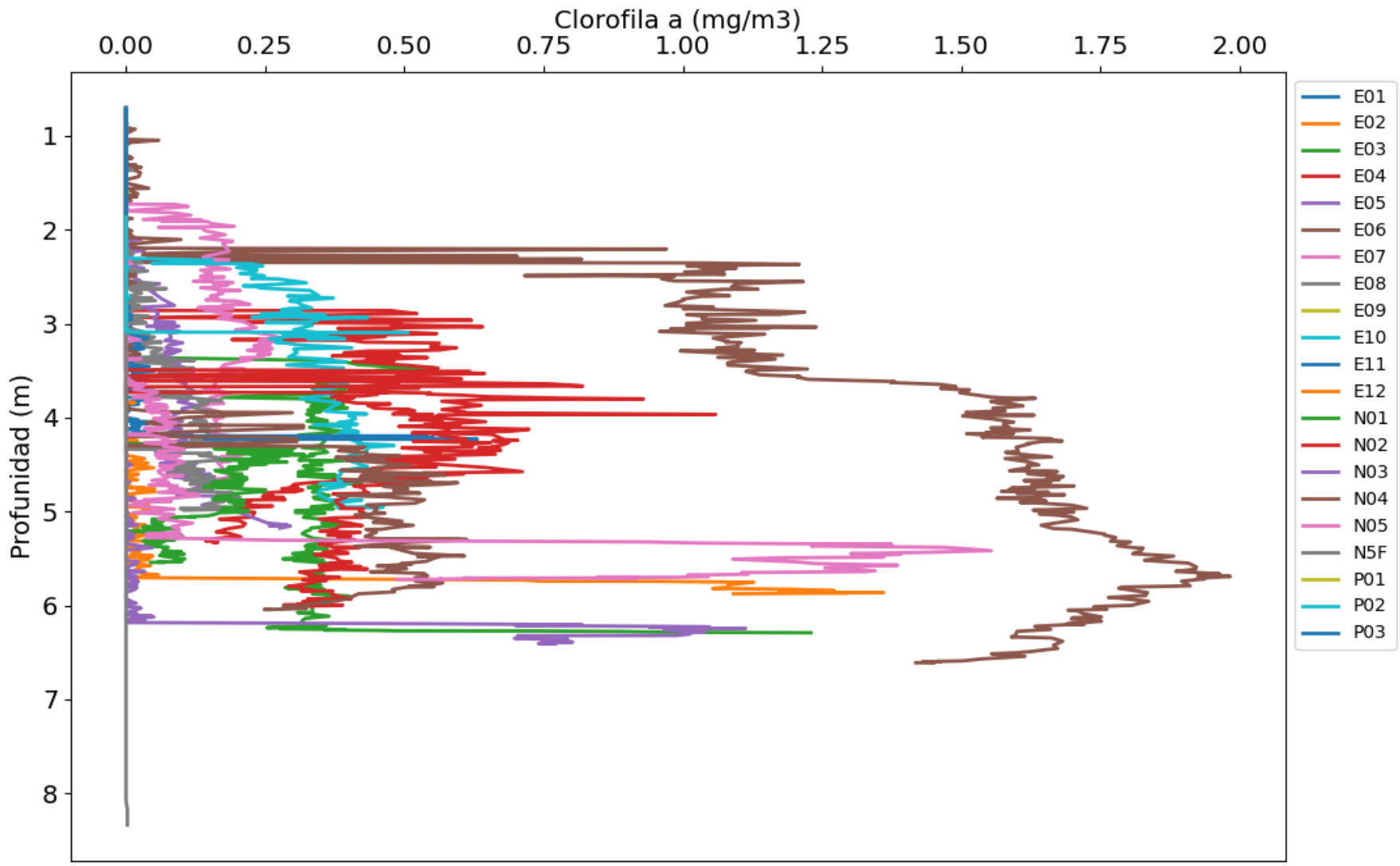
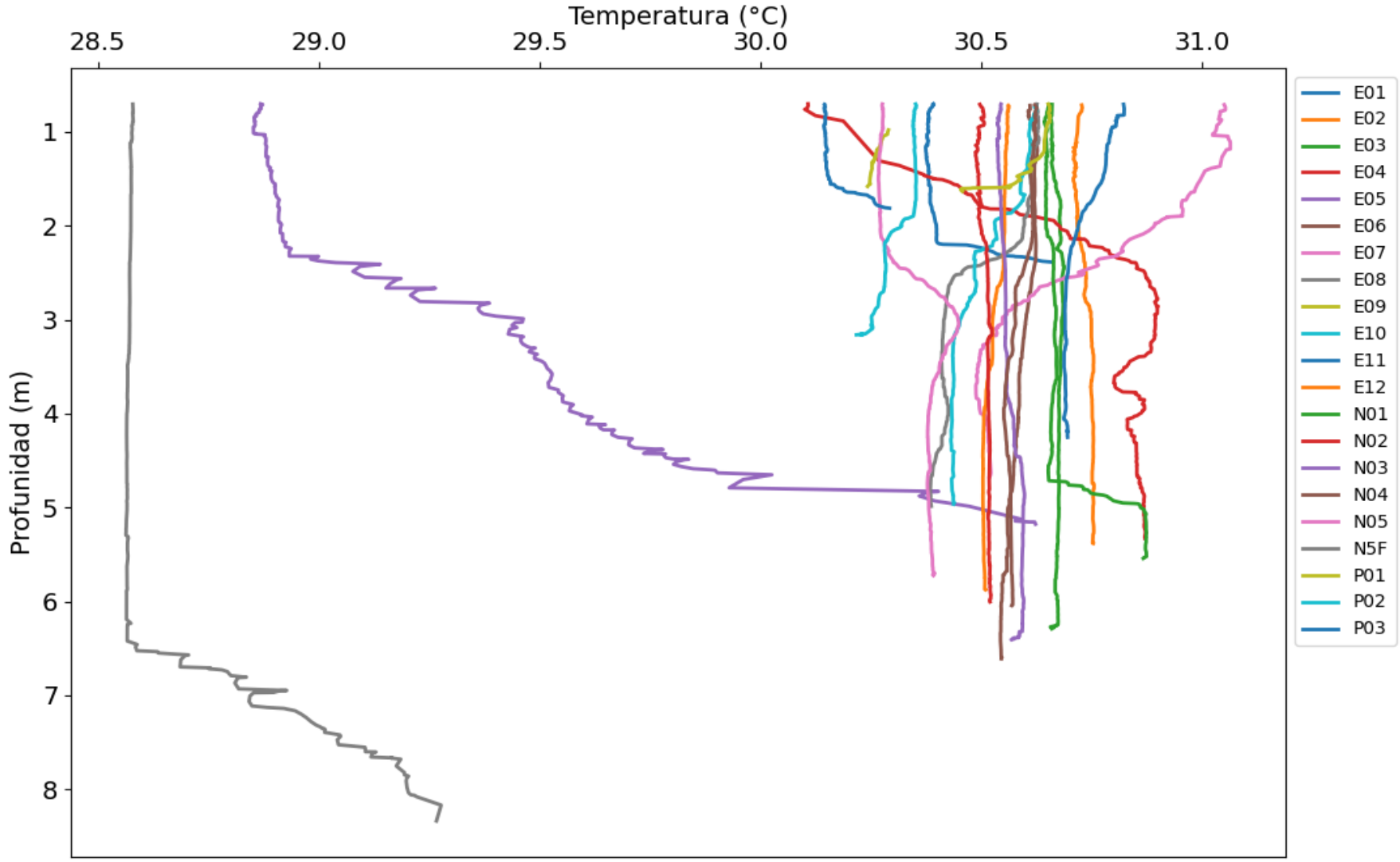
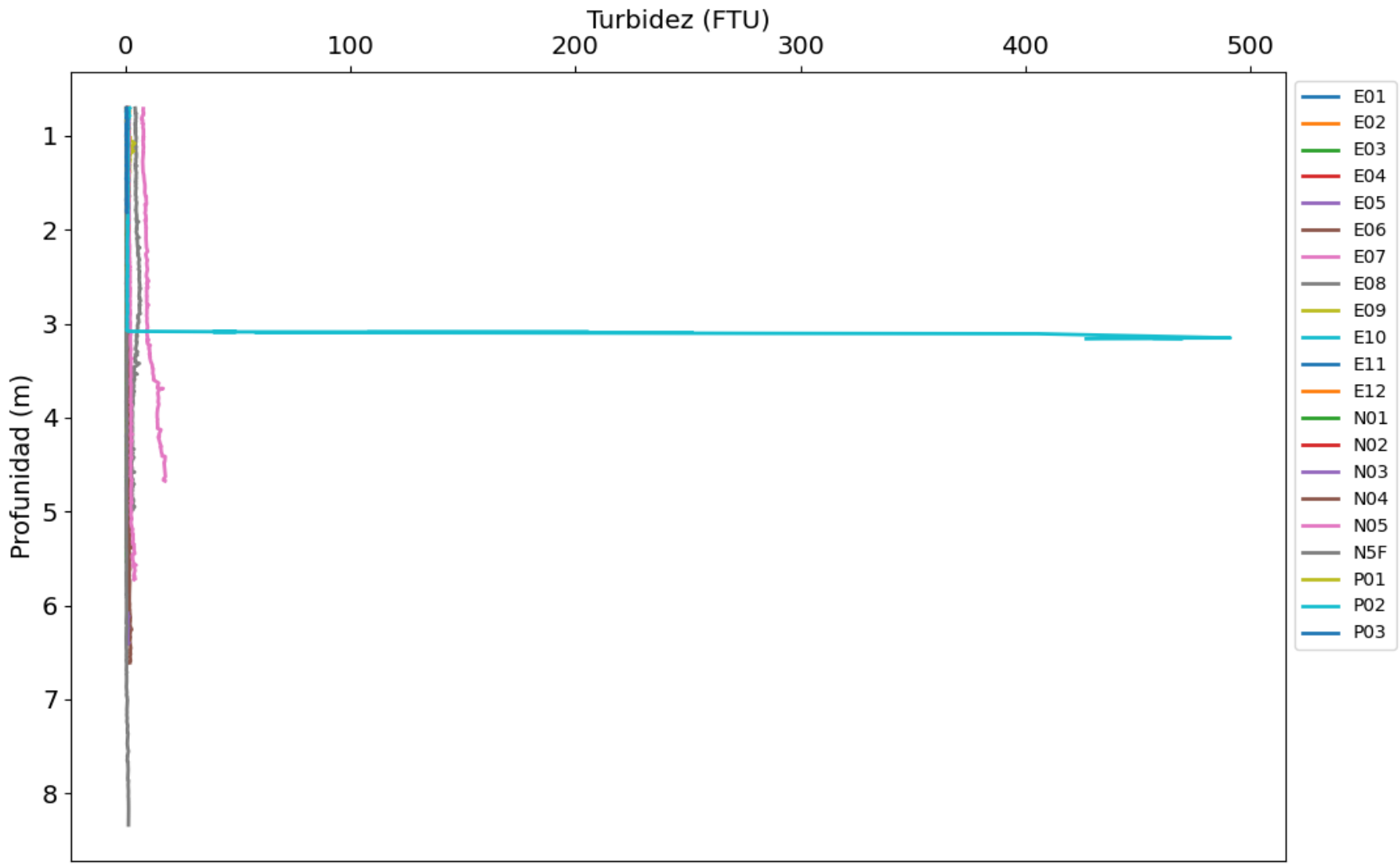
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20220801**

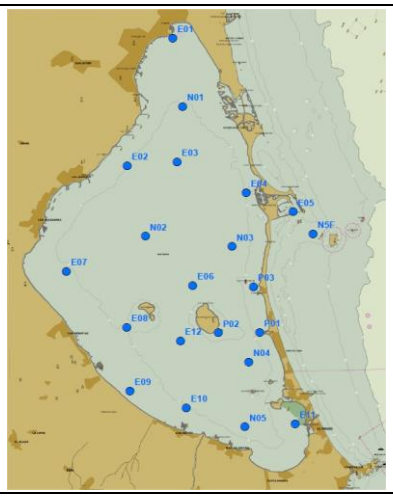


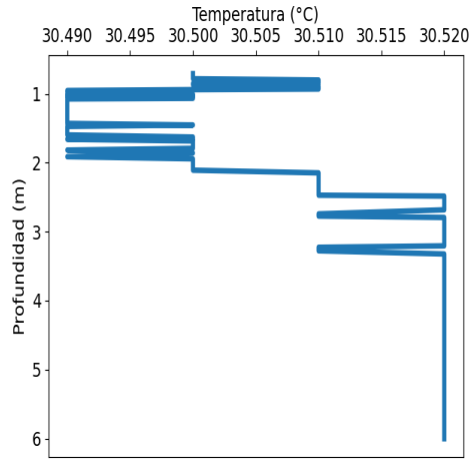

Clorofila a (mg/m3)
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

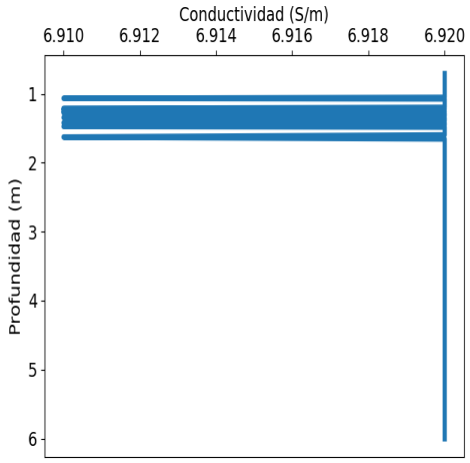

Temperatura (°C)
28.5
29.0
29.5
30.0
30.5
31.0
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

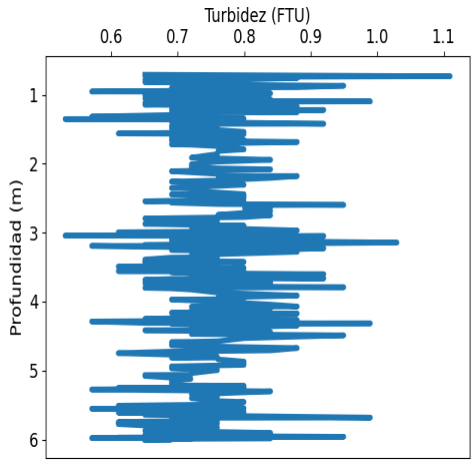

Turbidez (FTU)
0
100
200
300
400
500
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

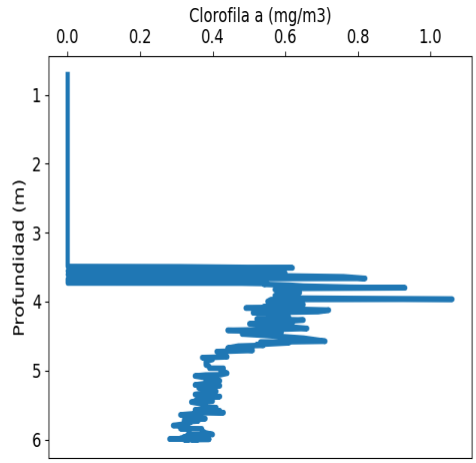
Nombre: CTD N02 - Punto 001 **Fecha: 01/08/2022** **Hora: 06:08:10**

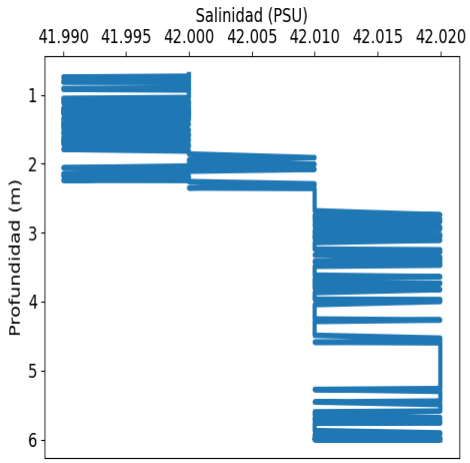


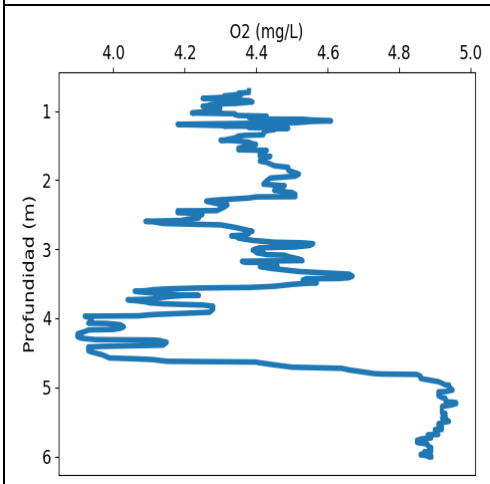


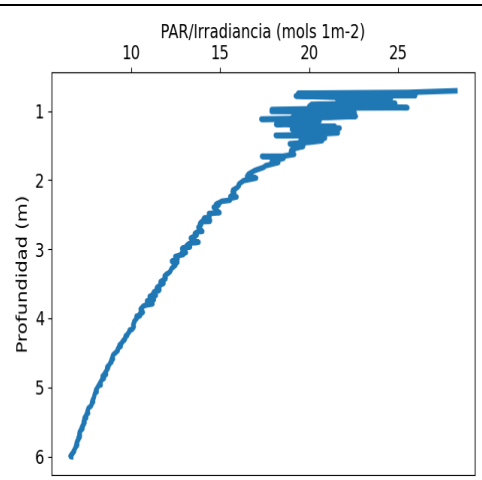


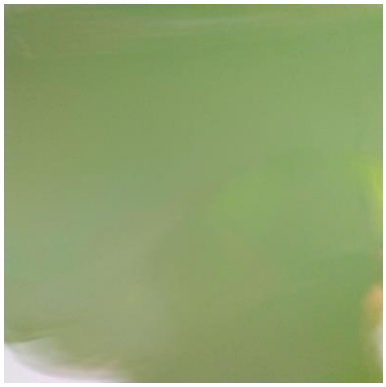












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.49	6.91	0.53	3.9	6.59	0.0	41.99
PROF (metros)	0.951	1.064	1.35	4.225	5.988	0.706	0.741
MÁXIMO	30.52	30.52	1.11	4.96	28.24	1.06	42.02
PROF (metros)	2.483	0.706	0.729	5.221	0.706	3.965	2.741

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.5	6.92	0.76	4.32	22.6	0.0	42.0
1 - 2m	30.49	6.92	0.75	4.4	19.52	0.0	42.0
2 - 3m	30.51	6.92	0.76	4.35	14.45	0.0	42.01
3 - 4m	30.52	6.92	0.74	4.32	11.72	0.22	42.01
4 - 5m	30.52	6.92	0.76	4.28	9.17	0.52	42.01
5 - 6m	30.52	6.92	0.71	4.9	7.2	0.36	42.02
6 - 7m	30.52	6.92	0.66	4.89	6.62	0.34	42.02

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)
0.706	30.5	6.92	0.65	4.38	28.24	0.0	42.0
0.729	30.5	6.92	1.11	4.38	25.55	0.0	42.0
0.741	30.5	6.92	0.76	4.35	19.39	0.0	41.99
0.755	30.5	6.92	0.88	4.36	24.81	0.0	42.0
0.776	30.5	6.92	0.8	4.32	25.98	0.0	42.0
0.78	30.5	6.92	0.65	4.31	19.25	0.0	42.0
0.798	30.51	6.92	0.76	4.32	21.21	0.0	41.99
0.815	30.51	6.92	0.65	4.25	24.62	0.0	41.99
0.818	30.51	6.92	0.72	4.3	21.65	0.0	42.0
0.844	30.51	6.92	0.76	4.36	21.6	0.0	42.0
0.848	30.5	6.92	0.72	4.38	21.79	0.0	42.0
0.867	30.5	6.92	0.95	4.39	22.38	0.0	42.0
0.889	30.51	6.92	0.88	4.34	24.86	0.0	42.0
0.896	30.51	6.92	0.69	4.29	21.37	0.0	42.0
0.908	30.51	6.92	0.69	4.27	20.1	0.0	41.99
0.918	30.51	6.92	0.69	4.27	22.67	0.0	41.99
0.929	30.51	6.92	0.72	4.25	20.01	0.0	42.0
0.938	30.5	6.92	0.72	4.28	22.65	0.0	42.0
0.951	30.49	6.92	0.57	4.3	25.54	0.0	42.0
0.953	30.49	6.92	0.69	4.29	22.91	0.0	42.0
0.977	30.49	6.92	0.84	4.29	17.9	0.0	42.0
1.004	30.5	6.92	0.65	4.28	17.89	0.0	42.0
1.011	30.5	6.92	0.76	4.3	21.37	0.0	42.0
1.017	30.49	6.92	0.72	4.24	21.23	0.0	42.0
1.027	30.5	6.92	0.72	4.22	22.58	0.0	42.0
1.037	30.49	6.92	0.8	4.32	22.03	0.0	42.0
1.038	30.49	6.92	0.72	4.34	19.68	0.0	42.0
1.05	30.5	6.92	0.65	4.34	19.77	0.0	41.99
1.064	30.5	6.91	0.84	4.35	20.95	0.0	41.99
1.073	30.49	6.92	0.72	4.43	19.1	0.0	41.99
1.075	30.49	6.92	0.69	4.41	22.64	0.0	41.99
1.092	30.49	6.92	0.76	4.41	21.14	0.0	42.0
1.094	30.49	6.92	0.99	4.38	20.5	0.0	42.0
1.1	30.49	6.92	0.8	4.4	20.48	0.0	42.0
1.116	30.49	6.92	0.65	4.41	17.31	0.0	41.99

1.117	30.49	6.92	0.69	4.53	19.9	0.0	42.0
1.126	30.49	6.92	0.72	4.55	20.08	0.0	42.0
1.142	30.49	6.92	0.65	4.61	20.6	0.0	42.0
1.148	30.49	6.92	0.72	4.56	20.32	0.0	42.0
1.168	30.49	6.92	0.88	4.51	19.28	0.0	42.0
1.191	30.49	6.92	0.76	4.18	18.14	0.0	41.99
1.195	30.49	6.92	0.72	4.19	18.81	0.0	41.99
1.211	30.49	6.91	0.69	4.32	19.9	0.0	42.0
1.217	30.49	6.91	0.8	4.31	19.19	0.0	41.99
1.218	30.49	6.92	0.92	4.37	21.45	0.0	42.0
1.224	30.49	6.91	0.76	4.38	20.34	0.0	41.99
1.238	30.49	6.91	0.8	4.38	20.56	0.0	42.0
1.247	30.49	6.91	0.8	4.49	21.73	0.0	42.0
1.25	30.49	6.91	0.88	4.48	20.89	0.0	41.99
1.254	30.49	6.91	0.76	4.46	19.73	0.0	41.99
1.261	30.49	6.92	0.69	4.45	19.03	0.0	42.0
1.27	30.49	6.91	0.76	4.45	19.61	0.0	41.99
1.274	30.49	6.91	0.72	4.44	19.12	0.0	41.99
1.285	30.49	6.92	0.72	4.43	20.87	0.0	42.0
1.315	30.49	6.92	0.57	4.42	21.63	0.0	42.0
1.343	30.49	6.91	0.8	4.42	19.91	0.0	41.99
1.35	30.49	6.92	0.53	4.37	18.12	0.0	42.0
1.361	30.49	6.92	0.76	4.35	20.36	0.0	42.0
1.389	30.49	6.92	0.69	4.34	20.91	0.0	41.99
1.419	30.49	6.91	0.92	4.31	19.85	0.0	41.99
1.421	30.49	6.92	0.76	4.3	19.52	0.0	41.99
1.428	30.49	6.92	0.76	4.34	20.74	0.0	42.0
1.451	30.5	6.92	0.69	4.38	20.02	0.0	41.99
1.472	30.49	6.91	0.76	4.39	18.91	0.0	41.99
1.482	30.49	6.92	0.69	4.4	18.95	0.0	41.99
1.509	30.49	6.92	0.76	4.38	19.68	0.0	42.0
1.537	30.49	6.92	0.8	4.35	19.26	0.0	41.99
1.56	30.49	6.92	0.61	4.35	19.11	0.0	41.99
1.568	30.49	6.92	0.8	4.43	18.99	0.0	42.0
1.595	30.49	6.92	0.76	4.41	18.97	0.0	42.0
1.626	30.5	6.91	0.69	4.41	19.17	0.0	41.99
1.653	30.5	6.92	0.8	4.41	18.53	0.0	41.99
1.654	30.49	6.92	0.72	4.44	17.35	0.0	42.0
1.659	30.49	6.92	0.69	4.43	18.39	0.0	42.0
1.683	30.5	6.92	0.88	4.42	18.57	0.0	41.99
1.717	30.5	6.92	0.69	4.42	17.9	0.0	41.99
1.723	30.5	6.92	0.72	4.41	18.12	0.0	42.0
1.743	30.5	6.92	0.76	4.43	18.28	0.0	42.0
1.79	30.5	6.92	0.8	4.45	17.56	0.0	41.99
1.815	30.49	6.92	0.76	4.49	17.44	0.0	42.0
1.858	30.5	6.92	0.76	4.49	16.96	0.0	42.0
1.911	30.49	6.92	0.72	4.52	16.6	0.0	42.01
1.942	30.5	6.92	0.84	4.51	16.51	0.0	42.0
1.969	30.5	6.92	0.76	4.44	17.03	0.0	42.0
2.006	30.5	6.92	0.72	4.43	16.32	0.0	42.01
2.058	30.5	6.92	0.72	4.42	16.05	0.0	41.99
2.08	30.5	6.92	0.84	4.48	16.06	0.0	42.01
2.107	30.5	6.92	0.69	4.47	15.96	0.0	42.0
2.146	30.51	6.92	0.76	4.45	15.71	0.0	41.99
2.174	30.51	6.92	0.76	4.49	15.8	0.0	41.99
2.177	30.51	6.92	0.88	4.5	15.7	0.0	42.0
2.205	30.51	6.92	0.84	4.51	15.78	0.0	42.0
2.239	30.51	6.92	0.76	4.51	15.56	0.0	41.99

2.242	30.51	6.92	0.76	4.4	15.93	0.0	42.0
2.258	30.51	6.92	0.69	4.38	15.64	0.0	42.0
2.291	30.51	6.92	0.76	4.28	15.54	0.0	42.01
2.304	30.51	6.92	0.8	4.26	15.11	0.0	42.01
2.35	30.51	6.92	0.69	4.3	14.76	0.0	42.0
2.358	30.51	6.92	0.72	4.32	14.93	0.0	42.01
2.392	30.51	6.92	0.72	4.31	14.63	0.0	42.01
2.441	30.51	6.92	0.8	4.29	14.84	0.0	42.01
2.444	30.51	6.92	0.69	4.18	14.78	0.0	42.01
2.47	30.51	6.92	0.8	4.18	14.97	0.0	42.01
2.483	30.52	6.92	0.72	4.25	14.36	0.0	42.01
2.495	30.52	6.92	0.8	4.25	14.41	0.0	42.01
2.524	30.52	6.92	0.76	4.24	14.41	0.0	42.01
2.543	30.52	6.92	0.65	4.24	14.33	0.0	42.01
2.546	30.52	6.92	0.8	4.24	14.11	0.0	42.01
2.564	30.52	6.92	0.69	4.21	14.06	0.0	42.01
2.584	30.52	6.92	0.76	4.19	14.44	0.0	42.01
2.596	30.52	6.92	0.95	4.09	14.42	0.0	42.01
2.6	30.52	6.92	0.8	4.11	13.96	0.0	42.01
2.627	30.52	6.92	0.84	4.14	13.86	0.0	42.01
2.647	30.52	6.92	0.8	4.3	13.93	0.0	42.01
2.682	30.52	6.92	0.84	4.34	13.77	0.0	42.01
2.741	30.51	6.92	0.76	4.39	14.0	0.0	42.02
2.746	30.51	6.92	0.84	4.37	13.74	0.0	42.01
2.773	30.51	6.92	0.8	4.38	13.57	0.0	42.01
2.793	30.52	6.92	0.65	4.37	13.69	0.0	42.01
2.806	30.52	6.92	0.72	4.33	13.6	0.0	42.02
2.829	30.52	6.92	0.76	4.36	13.42	0.0	42.01
2.839	30.52	6.92	0.72	4.35	13.34	0.0	42.02
2.872	30.52	6.92	0.65	4.39	13.48	0.0	42.01
2.898	30.52	6.92	0.8	4.45	13.79	0.0	42.01
2.905	30.52	6.92	0.72	4.51	13.61	0.0	42.01
2.907	30.52	6.92	0.76	4.53	13.41	0.0	42.01
2.92	30.52	6.92	0.72	4.56	13.24	0.0	42.02
2.945	30.52	6.92	0.8	4.55	13.12	0.0	42.02
2.967	30.52	6.92	0.88	4.51	13.31	0.0	42.01
2.979	30.52	6.92	0.8	4.41	12.91	0.0	42.01
2.993	30.52	6.92	0.61	4.4	12.85	0.0	42.01
3.013	30.52	6.92	0.65	4.39	13.02	0.0	42.01
3.028	30.52	6.92	0.72	4.4	13.02	0.0	42.02
3.037	30.52	6.92	0.72	4.42	13.05	0.0	42.02
3.042	30.52	6.92	0.65	4.41	12.94	0.0	42.02
3.043	30.52	6.92	0.53	4.41	13.01	0.0	42.01
3.048	30.52	6.92	0.92	4.4	13.08	0.0	42.02
3.058	30.52	6.92	0.8	4.41	12.83	0.0	42.01
3.078	30.52	6.92	0.84	4.43	12.92	0.0	42.01
3.087	30.52	6.92	0.72	4.48	12.73	0.0	42.01
3.107	30.52	6.92	0.69	4.49	12.47	0.0	42.02
3.143	30.52	6.92	1.03	4.52	12.61	0.0	42.01
3.165	30.52	6.92	0.76	4.53	12.35	0.0	42.01
3.173	30.52	6.92	0.69	4.38	12.28	0.0	42.01
3.176	30.52	6.92	0.65	4.36	12.44	0.0	42.01
3.19	30.52	6.92	0.65	4.37	12.6	0.0	42.01
3.191	30.52	6.92	0.57	4.41	12.34	0.0	42.01
3.205	30.52	6.92	0.65	4.42	12.39	0.0	42.01
3.226	30.51	6.92	0.92	4.44	12.5	0.0	42.01
3.238	30.51	6.92	0.88	4.46	12.44	0.0	42.01
3.248	30.51	6.92	0.76	4.46	12.4	0.0	42.02

3.25	30.51	6.92	0.69	4.41	12.4	0.0	42.02
3.277	30.51	6.92	0.88	4.44	12.27	0.0	42.02
3.323	30.52	6.92	0.72	4.52	12.19	0.0	42.01
3.355	30.52	6.92	0.76	4.64	12.05	0.0	42.02
3.361	30.52	6.92	0.69	4.66	11.98	0.0	42.02
3.389	30.52	6.92	0.65	4.67	11.87	0.0	42.02
3.413	30.52	6.92	0.65	4.66	11.93	0.0	42.01
3.424	30.52	6.92	0.8	4.63	11.91	0.0	42.01
3.426	30.52	6.92	0.65	4.6	11.88	0.0	42.02
3.428	30.52	6.92	0.65	4.54	11.93	0.0	42.02
3.446	30.52	6.92	0.72	4.53	11.8	0.0	42.02
3.471	30.52	6.92	0.69	4.55	11.64	0.0	42.02
3.487	30.52	6.92	0.65	4.57	11.64	0.0	42.01
3.49	30.52	6.92	0.61	4.56	11.74	0.0	42.01
3.494	30.52	6.92	0.65	4.54	11.82	0.31	42.01
3.51	30.52	6.92	0.8	4.5	11.7	0.62	42.01
3.537	30.52	6.92	0.72	4.45	11.54	0.14	42.01
3.554	30.52	6.92	0.72	4.38	11.44	0.0	42.01
3.557	30.52	6.92	0.61	4.31	11.44	0.0	42.01
3.563	30.52	6.92	0.8	4.23	11.43	0.48	42.01
3.573	30.52	6.92	0.69	4.16	11.56	0.51	42.01
3.587	30.52	6.92	0.72	4.11	11.59	0.6	42.01
3.602	30.52	6.92	0.92	4.09	11.54	0.03	42.01
3.607	30.52	6.92	0.84	4.06	11.45	0.0	42.01
3.616	30.52	6.92	0.72	4.07	11.28	0.46	42.01
3.639	30.52	6.92	0.72	4.12	11.23	0.76	42.02
3.663	30.52	6.92	0.92	4.19	11.32	0.82	42.01
3.669	30.52	6.92	0.72	4.24	11.39	0.0	42.01
3.67	30.52	6.92	0.69	4.2	11.16	0.0	42.01
3.684	30.52	6.92	0.65	4.16	11.03	0.0	42.01
3.708	30.52	6.92	0.84	4.12	11.11	0.0	42.01
3.722	30.52	6.92	0.84	4.11	11.24	0.0	42.01
3.727	30.52	6.92	0.84	4.08	11.26	0.0	42.01
3.73	30.52	6.92	0.72	4.05	11.28	0.0	42.01
3.732	30.52	6.92	0.65	4.04	11.16	0.48	42.02
3.738	30.52	6.92	0.8	4.05	11.01	0.55	42.02
3.749	30.52	6.92	0.72	4.07	10.88	0.54	42.01
3.761	30.52	6.92	0.76	4.09	11.0	0.61	42.01
3.775	30.52	6.92	0.72	4.1	11.04	0.65	42.01
3.791	30.52	6.92	0.95	4.14	11.2	0.78	42.01
3.8	30.52	6.92	0.65	4.2	11.02	0.93	42.01
3.808	30.52	6.92	0.69	4.25	10.84	0.64	42.01
3.825	30.52	6.92	0.72	4.28	10.67	0.57	42.02
3.869	30.52	6.92	0.76	4.28	10.52	0.64	42.01
3.913	30.52	6.92	0.88	4.27	10.66	0.57	42.01
3.94	30.52	6.92	0.76	4.14	10.46	0.61	42.01
3.947	30.52	6.92	0.8	4.11	10.52	0.59	42.01
3.965	30.52	6.92	0.76	4.07	10.49	1.06	42.01
3.97	30.52	6.92	0.69	3.92	10.29	0.56	42.02
3.998	30.52	6.92	0.76	3.94	10.32	0.55	42.02
4.043	30.52	6.92	0.84	3.94	10.17	0.65	42.01
4.071	30.52	6.92	0.88	3.93	10.16	0.54	42.01
4.074	30.52	6.92	0.72	3.98	10.13	0.6	42.01
4.093	30.52	6.92	0.84	4.02	10.1	0.49	42.01
4.123	30.52	6.92	0.72	4.03	10.15	0.72	42.01
4.146	30.52	6.92	0.76	4.02	10.09	0.69	42.01
4.162	30.52	6.92	0.69	4.0	10.04	0.51	42.01
4.168	30.52	6.92	0.8	3.94	9.93	0.57	42.01

4.172	30.52	6.92	0.88	3.93	9.9	0.55	42.01
4.193	30.52	6.92	0.76	3.92	9.9	0.57	42.01
4.225	30.52	6.92	0.76	3.9	9.8	0.61	42.01
4.251	30.52	6.92	0.65	3.9	9.77	0.59	42.01
4.252	30.52	6.92	0.76	3.91	9.69	0.52	42.01
4.267	30.52	6.92	0.88	3.9	9.67	0.65	42.02
4.288	30.52	6.92	0.57	3.91	9.67	0.6	42.01
4.309	30.52	6.92	0.65	3.95	9.62	0.62	42.01
4.315	30.52	6.92	0.99	4.11	9.62	0.6	42.01
4.322	30.52	6.92	0.69	4.13	9.54	0.5	42.01
4.348	30.52	6.92	0.88	4.15	9.5	0.57	42.01
4.389	30.52	6.92	0.72	4.14	9.33	0.66	42.01
4.407	30.52	6.92	0.76	3.97	9.41	0.55	42.01
4.416	30.52	6.92	0.65	3.93	9.35	0.44	42.01
4.441	30.52	6.92	0.84	3.93	9.24	0.59	42.01
4.47	30.52	6.92	0.72	3.93	9.24	0.48	42.01
4.489	30.52	6.92	0.95	3.94	9.16	0.54	42.01
4.53	30.52	6.92	0.8	3.97	8.98	0.65	42.02
4.575	30.52	6.92	0.76	3.99	8.92	0.71	42.02
4.589	30.52	6.92	0.69	4.07	8.98	0.53	42.01
4.598	30.52	6.92	0.76	4.11	8.89	0.61	42.02
4.623	30.52	6.92	0.69	4.15	8.86	0.52	42.02
4.634	30.52	6.92	0.69	4.4	8.89	0.54	42.02
4.645	30.52	6.92	0.72	4.41	8.83	0.47	42.02
4.674	30.52	6.92	0.88	4.45	8.76	0.44	42.02
4.708	30.52	6.92	0.84	4.5	8.64	0.51	42.02
4.725	30.52	6.92	0.69	4.64	8.69	0.41	42.02
4.748	30.52	6.92	0.61	4.66	8.63	0.43	42.02
4.778	30.52	6.92	0.72	4.7	8.55	0.43	42.02
4.801	30.52	6.92	0.76	4.73	8.51	0.44	42.02
4.807	30.52	6.92	0.72	4.75	8.49	0.41	42.02
4.812	30.52	6.92	0.69	4.83	8.59	0.37	42.02
4.813	30.52	6.92	0.76	4.85	8.51	0.39	42.02
4.838	30.52	6.92	0.76	4.86	8.38	0.4	42.02
4.87	30.52	6.92	0.8	4.86	8.47	0.38	42.02
4.882	30.52	6.92	0.8	4.87	8.36	0.38	42.02
4.918	30.52	6.92	0.8	4.91	8.29	0.38	42.02
4.94	30.52	6.92	0.69	4.92	8.23	0.39	42.02
4.966	30.52	6.92	0.72	4.93	8.29	0.39	42.02
4.967	30.52	6.92	0.69	4.94	8.18	0.43	42.02
4.994	30.52	6.92	0.76	4.94	8.12	0.42	42.02
5.039	30.52	6.92	0.72	4.95	8.01	0.44	42.02
5.062	30.52	6.92	0.72	4.93	8.02	0.42	42.02
5.065	30.52	6.92	0.65	4.91	8.06	0.38	42.02
5.079	30.52	6.92	0.65	4.91	7.97	0.35	42.02
5.121	30.52	6.92	0.72	4.91	7.92	0.4	42.02
5.149	30.52	6.92	0.69	4.92	7.9	0.42	42.02
5.157	30.52	6.92	0.69	4.93	7.88	0.38	42.02
5.188	30.52	6.92	0.69	4.93	7.82	0.38	42.02
5.209	30.52	6.92	0.69	4.93	7.86	0.35	42.02
5.215	30.52	6.92	0.69	4.95	7.79	0.39	42.02
5.221	30.52	6.92	0.8	4.96	7.79	0.42	42.02
5.236	30.52	6.92	0.72	4.96	7.78	0.39	42.02
5.245	30.52	6.92	0.8	4.95	7.78	0.39	42.02
5.251	30.52	6.92	0.61	4.95	7.77	0.36	42.02
5.262	30.52	6.92	0.69	4.94	7.75	0.4	42.02
5.275	30.52	6.92	0.57	4.92	7.71	0.38	42.01
5.302	30.52	6.92	0.84	4.92	7.59	0.41	42.02

5.347	30.52	6.92	0.72	4.92	7.53	0.35	42.02
5.375	30.52	6.92	0.76	4.92	7.58	0.37	42.02
5.377	30.52	6.92	0.76	4.93	7.5	0.42	42.02
5.401	30.52	6.92	0.72	4.93	7.47	0.38	42.02
5.441	30.52	6.92	0.76	4.93	7.37	0.35	42.02
5.443	30.52	6.92	0.76	4.92	7.47	0.4	42.02
5.457	30.52	6.92	0.8	4.93	7.38	0.34	42.01
5.493	30.52	6.92	0.76	4.94	7.32	0.38	42.02
5.51	30.52	6.92	0.61	4.92	7.38	0.38	42.02
5.516	30.52	6.92	0.61	4.92	7.33	0.38	42.02
5.527	30.52	6.92	0.69	4.91	7.3	0.38	42.02
5.539	30.52	6.92	0.65	4.91	7.33	0.41	42.02
5.547	30.52	6.92	0.8	4.91	7.3	0.37	42.02
5.554	30.52	6.92	0.57	4.91	7.29	0.39	42.02
5.571	30.52	6.92	0.72	4.92	7.22	0.35	42.02
5.585	30.52	6.92	0.76	4.92	7.23	0.42	42.02
5.588	30.52	6.92	0.69	4.92	7.23	0.38	42.02
5.6	30.52	6.92	0.8	4.92	7.26	0.35	42.01
5.611	30.52	6.92	0.61	4.92	7.17	0.43	42.01
5.612	30.52	6.92	0.65	4.9	7.2	0.38	42.01
5.643	30.52	6.92	0.65	4.9	7.1	0.31	42.01
5.683	30.52	6.92	0.99	4.91	7.07	0.34	42.02
5.687	30.52	6.92	0.69	4.88	7.12	0.33	42.01
5.698	30.52	6.92	0.72	4.88	7.08	0.38	42.01
5.715	30.52	6.92	0.69	4.88	7.06	0.34	42.01
5.721	30.52	6.92	0.76	4.89	7.11	0.33	42.01
5.725	30.52	6.92	0.72	4.89	7.06	0.32	42.01
5.732	30.52	6.92	0.72	4.89	7.02	0.36	42.02
5.74	30.52	6.92	0.65	4.88	7.04	0.34	42.02
5.748	30.52	6.92	0.61	4.86	7.04	0.34	42.02
5.762	30.52	6.92	0.65	4.86	7.02	0.33	42.02
5.765	30.52	6.92	0.76	4.85	6.99	0.33	42.01
5.777	30.52	6.92	0.61	4.85	6.96	0.32	42.01
5.798	30.52	6.92	0.65	4.85	6.95	0.29	42.01
5.806	30.52	6.92	0.69	4.86	6.92	0.31	42.01
5.823	30.52	6.92	0.76	4.88	6.95	0.32	42.01
5.842	30.52	6.92	0.69	4.88	6.91	0.34	42.01
5.843	30.52	6.92	0.69	4.88	6.95	0.31	42.01
5.845	30.52	6.92	0.72	4.88	6.89	0.37	42.01
5.872	30.52	6.92	0.65	4.89	6.86	0.37	42.01
5.905	30.52	6.92	0.84	4.89	6.8	0.38	42.02
5.928	30.52	6.92	0.72	4.89	6.76	0.4	42.02
5.931	30.52	6.92	0.72	4.88	6.78	0.33	42.01
5.934	30.52	6.92	0.65	4.87	6.74	0.34	42.01
5.947	30.52	6.92	0.69	4.87	6.72	0.35	42.01
5.961	30.52	6.92	0.95	4.87	6.66	0.32	42.01
5.972	30.52	6.92	0.61	4.86	6.66	0.36	42.01
5.978	30.52	6.92	0.61	4.86	6.64	0.34	42.01
5.979	30.52	6.92	0.57	4.86	6.63	0.32	42.01
5.98	30.52	6.92	0.57	4.87	6.64	0.32	42.01
5.982	30.52	6.92	0.76	4.87	6.63	0.33	42.01
5.984	30.52	6.92	0.84	4.87	6.63	0.31	42.01
5.986	30.52	6.92	0.8	4.87	6.63	0.31	42.02
5.988	30.52	6.92	0.76	4.88	6.59	0.35	42.01
5.99	30.52	6.92	0.72	4.88	6.6	0.34	42.01
5.994	30.52	6.92	0.72	4.89	6.59	0.28	42.01
5.996	30.52	6.92	0.69	4.89	6.59	0.39	42.01
5.997	30.52	6.92	0.69	4.89	6.6	0.35	42.01

5.998	30.52	6.92	0.69	4.89	6.59	0.39	42.01
6.0	30.52	6.92	0.65	4.88	6.6	0.34	42.02
6.001	30.52	6.92	0.69	4.89	6.62	0.36	42.01
6.003	30.52	6.92	0.65	4.89	6.61	0.32	42.01
6.004	30.52	6.92	0.65	4.89	6.63	0.33	42.02

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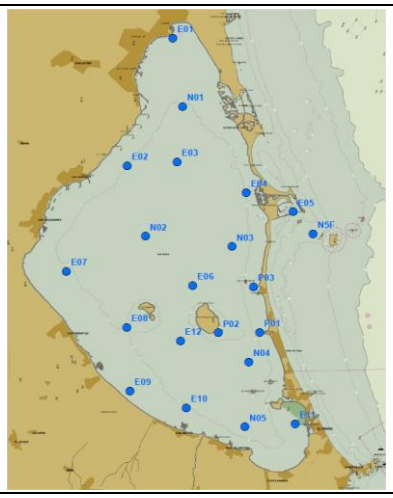
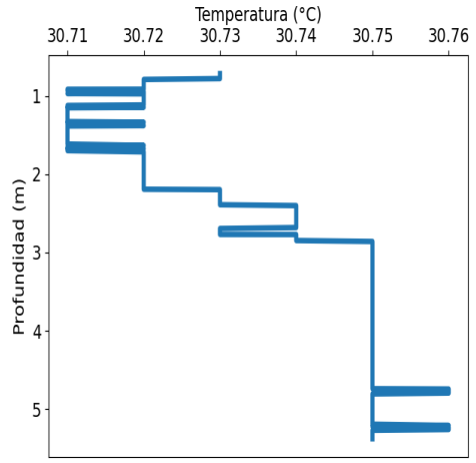
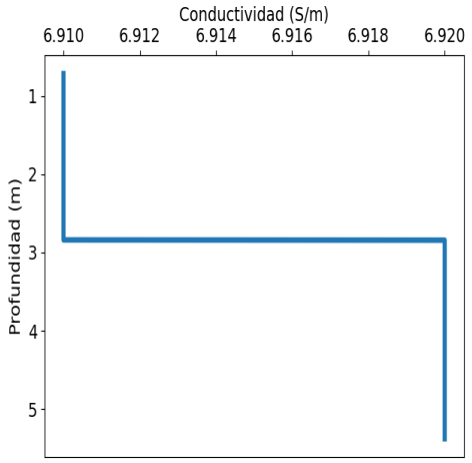
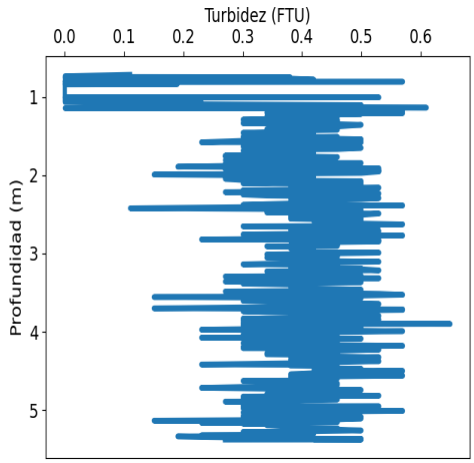
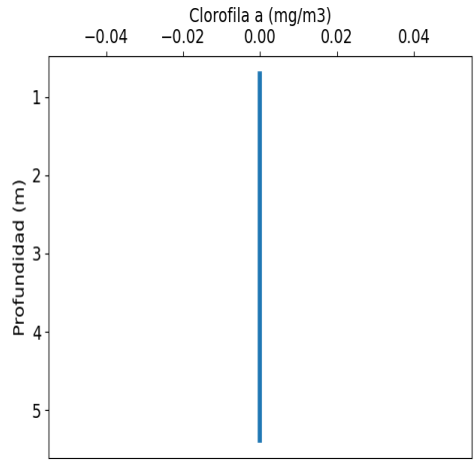
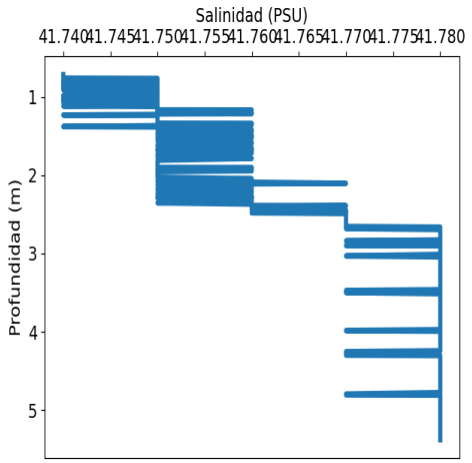


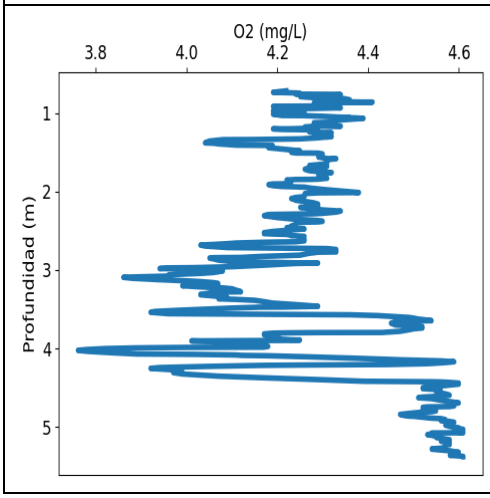


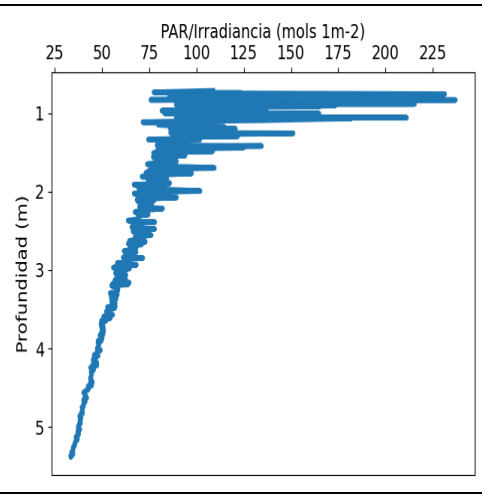












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.71	6.91	0.0	3.76	33.4	0.0	41.74
PROF (metros)	0.913	0.713	0.732	4.024	5.378	0.713	0.713
MÁXIMO	30.76	30.76	0.65	4.61	237.02	0.0	41.78
PROF (metros)	4.746	2.842	3.901	5.033	0.83	0.713	2.663

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.73	6.91	0.31	4.29	122.08	0.0	41.74
1 - 2m	30.71	6.91	0.39	4.26	90.43	0.0	41.75
2 - 3m	30.74	6.91	0.42	4.21	68.68	0.0	41.77
3 - 4m	30.75	6.92	0.42	4.17	53.65	0.0	41.78
4 - 5m	30.75	6.92	0.41	4.39	42.5	0.0	41.78
5 - 6m	30.75	6.92	0.38	4.58	35.56	0.0	41.78

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)
0.713	30.73	6.91	0.11	4.22	108.74	0.0	41.74
0.732	30.73	6.91	0.0	4.19	77.38	0.0	41.74
0.74	30.73	6.91	0.0	4.24	123.52	0.0	41.74
0.744	30.73	6.91	0.38	4.25	99.34	0.0	41.74
0.755	30.73	6.91	0.15	4.24	231.38	0.0	41.74
0.758	30.73	6.91	0.0	4.33	103.16	0.0	41.74
0.762	30.73	6.91	0.38	4.34	86.9	0.0	41.75
0.776	30.73	6.91	0.42	4.31	119.49	0.0	41.75
0.787	30.72	6.91	0.0	4.25	130.37	0.0	41.75
0.792	30.72	6.91	0.0	4.26	85.48	0.0	41.74
0.8	30.72	6.91	0.0	4.28	122.47	0.0	41.74
0.802	30.72	6.91	0.23	4.33	93.79	0.0	41.74
0.803	30.72	6.91	0.57	4.32	121.98	0.0	41.74
0.808	30.72	6.91	0.0	4.33	144.81	0.0	41.75
0.815	30.72	6.91	0.0	4.35	145.41	0.0	41.74
0.821	30.72	6.91	0.0	4.35	127.53	0.0	41.75
0.828	30.72	6.91	0.0	4.36	75.74	0.0	41.74
0.829	30.72	6.91	0.0	4.36	132.78	0.0	41.74
0.83	30.72	6.91	0.0	4.35	237.02	0.0	41.74
0.834	30.72	6.91	0.19	4.34	114.98	0.0	41.75
0.839	30.72	6.91	0.0	4.33	115.76	0.0	41.74
0.847	30.72	6.91	0.0	4.33	121.76	0.0	41.74
0.853	30.72	6.91	0.0	4.32	126.45	0.0	41.74
0.857	30.72	6.91	0.0	4.41	161.44	0.0	41.75
0.863	30.72	6.91	0.0	4.32	139.08	0.0	41.75
0.867	30.72	6.91	0.0	4.28	159.35	0.0	41.74
0.873	30.72	6.91	0.0	4.3	122.86	0.0	41.74
0.877	30.72	6.91	0.0	4.3	99.22	0.0	41.74
0.88	30.72	6.91	0.0	4.3	215.44	0.0	41.74
0.884	30.72	6.91	0.0	4.3	100.33	0.0	41.74
0.89	30.72	6.91	0.0	4.32	89.15	0.0	41.74
0.893	30.72	6.91	0.0	4.3	124.35	0.0	41.74
0.896	30.72	6.91	0.0	4.3	101.01	0.0	41.75
0.9	30.72	6.91	0.0	4.29	173.38	0.0	41.75
0.905	30.72	6.91	0.0	4.3	164.19	0.0	41.74
0.912	30.72	6.91	0.0	4.19	92.64	0.0	41.75

0.913	30.71	6.91	0.0	4.27	165.18	0.0	41.75
0.918	30.71	6.91	0.0	4.3	137.83	0.0	41.75
0.93	30.71	6.91	0.0	4.34	97.18	0.0	41.75
0.942	30.72	6.91	0.0	4.25	137.07	0.0	41.75
0.945	30.72	6.91	0.0	4.22	116.57	0.0	41.75
0.955	30.72	6.91	0.0	4.22	98.51	0.0	41.75
0.967	30.71	6.91	0.0	4.19	81.61	0.0	41.75
0.971	30.72	6.91	0.0	4.19	112.04	0.0	41.75
0.979	30.72	6.91	0.0	4.23	115.28	0.0	41.74
0.989	30.72	6.91	0.0	4.26	130.28	0.0	41.75
0.999	30.72	6.91	0.0	4.26	83.06	0.0	41.74
1.004	30.72	6.91	0.53	4.2	164.88	0.0	41.74
1.01	30.72	6.91	0.0	4.19	136.65	0.0	41.75
1.019	30.72	6.91	0.0	4.2	107.56	0.0	41.74
1.028	30.72	6.91	0.0	4.21	98.74	0.0	41.74
1.03	30.72	6.91	0.0	4.26	103.26	0.0	41.75
1.038	30.72	6.91	0.0	4.3	146.05	0.0	41.75
1.049	30.72	6.91	0.23	4.34	89.19	0.0	41.74
1.055	30.72	6.91	0.0	4.36	123.03	0.0	41.74
1.056	30.72	6.91	0.0	4.34	211.18	0.0	41.74
1.057	30.72	6.91	0.0	4.35	107.46	0.0	41.75
1.058	30.72	6.91	0.0	4.37	95.59	0.0	41.74
1.064	30.72	6.91	0.0	4.39	181.99	0.0	41.74
1.089	30.72	6.91	0.19	4.33	133.74	0.0	41.75
1.101	30.72	6.91	0.5	4.33	94.01	0.0	41.75
1.113	30.72	6.91	0.19	4.32	71.58	0.0	41.74
1.12	30.71	6.91	0.08	4.28	91.11	0.0	41.75
1.127	30.71	6.91	0.38	4.28	90.02	0.0	41.75
1.135	30.71	6.91	0.61	4.29	83.93	0.0	41.75
1.139	30.71	6.91	0.27	4.29	102.14	0.0	41.75
1.141	30.72	6.91	0.0	4.29	104.71	0.0	41.75
1.143	30.72	6.91	0.3	4.3	79.63	0.0	41.75
1.149	30.71	6.91	0.42	4.3	81.27	0.0	41.75
1.159	30.71	6.91	0.53	4.31	91.98	0.0	41.75
1.164	30.71	6.91	0.5	4.34	88.22	0.0	41.75
1.165	30.71	6.91	0.57	4.28	105.95	0.0	41.76
1.174	30.71	6.91	0.5	4.26	114.77	0.0	41.75
1.192	30.71	6.91	0.5	4.26	85.9	0.0	41.75
1.197	30.71	6.91	0.34	4.23	111.52	0.0	41.75
1.198	30.71	6.91	0.34	4.19	120.66	0.0	41.76
1.205	30.71	6.91	0.57	4.21	95.59	0.0	41.75
1.211	30.71	6.91	0.38	4.27	88.57	0.0	41.76
1.215	30.71	6.91	0.5	4.27	92.24	0.0	41.75
1.222	30.71	6.91	0.46	4.29	114.82	0.0	41.75
1.229	30.71	6.91	0.46	4.29	97.42	0.0	41.74
1.233	30.71	6.91	0.46	4.29	88.72	0.0	41.75
1.237	30.71	6.91	0.38	4.27	104.39	0.0	41.75
1.249	30.71	6.91	0.34	4.32	86.18	0.0	41.75
1.255	30.71	6.91	0.46	4.3	151.19	0.0	41.75
1.274	30.71	6.91	0.38	4.28	87.29	0.0	41.75
1.288	30.71	6.91	0.3	4.29	89.48	0.0	41.75
1.292	30.71	6.91	0.46	4.31	121.84	0.0	41.75
1.296	30.71	6.91	0.34	4.32	99.22	0.0	41.75
1.303	30.71	6.91	0.46	4.31	87.35	0.0	41.75
1.306	30.71	6.91	0.34	4.3	100.45	0.0	41.75
1.312	30.71	6.91	0.34	4.29	97.85	0.0	41.75
1.326	30.71	6.91	0.38	4.25	90.56	0.0	41.75
1.334	30.72	6.91	0.3	4.15	74.46	0.0	41.75

1.336	30.71	6.91	0.42	4.08	101.79	0.0	41.76
1.354	30.71	6.91	0.5	4.05	79.08	0.0	41.76
1.377	30.72	6.91	0.46	4.04	84.97	0.0	41.74
1.382	30.71	6.91	0.38	4.06	85.7	0.0	41.75
1.39	30.71	6.91	0.42	4.07	85.05	0.0	41.75
1.406	30.71	6.91	0.42	4.11	91.96	0.0	41.75
1.41	30.71	6.91	0.34	4.19	79.01	0.0	41.75
1.417	30.71	6.91	0.46	4.19	134.46	0.0	41.76
1.431	30.71	6.91	0.38	4.19	83.62	0.0	41.76
1.439	30.71	6.91	0.38	4.18	124.79	0.0	41.76
1.456	30.71	6.91	0.3	4.21	79.48	0.0	41.75
1.472	30.71	6.91	0.38	4.24	100.52	0.0	41.75
1.478	30.71	6.91	0.42	4.25	86.82	0.0	41.75
1.484	30.71	6.91	0.42	4.24	108.59	0.0	41.76
1.496	30.71	6.91	0.38	4.23	78.62	0.0	41.76
1.506	30.71	6.91	0.42	4.24	88.63	0.0	41.75
1.507	30.71	6.91	0.3	4.26	77.14	0.0	41.75
1.508	30.71	6.91	0.46	4.29	94.25	0.0	41.76
1.519	30.71	6.91	0.38	4.3	90.23	0.0	41.76
1.539	30.71	6.91	0.5	4.29	94.03	0.0	41.75
1.558	30.71	6.91	0.3	4.29	77.02	0.0	41.75
1.577	30.71	6.91	0.23	4.31	79.89	0.0	41.76
1.579	30.71	6.91	0.5	4.33	80.04	0.0	41.76
1.591	30.71	6.91	0.46	4.31	83.18	0.0	41.76
1.613	30.71	6.91	0.46	4.31	89.46	0.0	41.75
1.631	30.72	6.91	0.3	4.31	79.28	0.0	41.75
1.649	30.71	6.91	0.5	4.3	73.87	0.0	41.76
1.666	30.71	6.91	0.46	4.27	78.92	0.0	41.76
1.672	30.72	6.91	0.34	4.28	80.97	0.0	41.75
1.674	30.71	6.91	0.42	4.3	85.96	0.0	41.75
1.676	30.71	6.91	0.42	4.31	80.26	0.0	41.76
1.68	30.71	6.91	0.38	4.29	86.02	0.0	41.75
1.685	30.71	6.91	0.3	4.28	95.9	0.0	41.75
1.697	30.71	6.91	0.38	4.27	109.5	0.0	41.76
1.713	30.72	6.91	0.42	4.26	76.72	0.0	41.76
1.732	30.72	6.91	0.38	4.27	74.7	0.0	41.75
1.748	30.72	6.91	0.27	4.3	81.42	0.0	41.75
1.756	30.72	6.91	0.38	4.32	80.45	0.0	41.75
1.758	30.72	6.91	0.27	4.31	87.86	0.0	41.75
1.761	30.72	6.91	0.42	4.3	73.09	0.0	41.75
1.766	30.72	6.91	0.46	4.29	97.47	0.0	41.75
1.784	30.72	6.91	0.42	4.29	80.5	0.0	41.76
1.807	30.72	6.91	0.27	4.3	71.08	0.0	41.75
1.828	30.72	6.91	0.34	4.31	81.92	0.0	41.75
1.84	30.72	6.91	0.38	4.29	84.38	0.0	41.75
1.843	30.72	6.91	0.5	4.27	81.44	0.0	41.75
1.844	30.72	6.91	0.46	4.24	76.79	0.0	41.75
1.851	30.72	6.91	0.27	4.22	74.25	0.0	41.75
1.869	30.72	6.91	0.34	4.23	76.77	0.0	41.75
1.89	30.72	6.91	0.19	4.23	85.9	0.0	41.75
1.9	30.72	6.91	0.42	4.21	85.39	0.0	41.75
1.901	30.72	6.91	0.3	4.19	79.45	0.0	41.76
1.91	30.72	6.91	0.53	4.18	66.88	0.0	41.76
1.923	30.72	6.91	0.27	4.19	81.33	0.0	41.75
1.933	30.72	6.91	0.42	4.21	80.88	0.0	41.75
1.937	30.72	6.91	0.53	4.23	79.6	0.0	41.76
1.942	30.72	6.91	0.5	4.26	73.22	0.0	41.76
1.952	30.72	6.91	0.53	4.27	69.15	0.0	41.75

1.971	30.72	6.91	0.5	4.3	81.76	0.0	41.75
1.991	30.72	6.91	0.15	4.34	101.95	0.0	41.75
2.005	30.72	6.91	0.38	4.37	77.2	0.0	41.75
2.011	30.72	6.91	0.38	4.38	75.18	0.0	41.75
2.015	30.72	6.91	0.42	4.29	73.09	0.0	41.75
2.024	30.72	6.91	0.42	4.26	66.93	0.0	41.75
2.045	30.72	6.91	0.27	4.26	81.94	0.0	41.76
2.062	30.72	6.91	0.3	4.26	75.88	0.0	41.75
2.074	30.72	6.91	0.5	4.24	89.48	0.0	41.75
2.088	30.72	6.91	0.38	4.23	75.97	0.0	41.76
2.103	30.72	6.91	0.3	4.24	68.37	0.0	41.77
2.109	30.72	6.91	0.5	4.24	77.66	0.0	41.76
2.124	30.72	6.91	0.42	4.26	68.97	0.0	41.75
2.142	30.72	6.91	0.38	4.28	72.48	0.0	41.76
2.159	30.72	6.91	0.53	4.29	76.48	0.0	41.76
2.176	30.72	6.91	0.46	4.29	76.02	0.0	41.75
2.191	30.72	6.91	0.3	4.29	69.73	0.0	41.75
2.196	30.73	6.91	0.38	4.26	73.17	0.0	41.76
2.2	30.73	6.91	0.42	4.25	71.2	0.0	41.76
2.215	30.73	6.91	0.27	4.27	82.11	0.0	41.76
2.233	30.73	6.91	0.53	4.3	73.91	0.0	41.75
2.247	30.73	6.91	0.3	4.34	69.29	0.0	41.75
2.26	30.73	6.91	0.34	4.33	67.36	0.0	41.76
2.276	30.73	6.91	0.5	4.3	73.56	0.0	41.76
2.282	30.73	6.91	0.46	4.28	68.69	0.0	41.75
2.284	30.73	6.91	0.38	4.26	71.22	0.0	41.76
2.288	30.73	6.91	0.46	4.23	71.68	0.0	41.75
2.291	30.73	6.91	0.53	4.18	74.49	0.0	41.76
2.306	30.73	6.91	0.5	4.17	69.18	0.0	41.76
2.33	30.73	6.91	0.38	4.2	69.46	0.0	41.76
2.352	30.73	6.91	0.42	4.24	68.81	0.0	41.75
2.368	30.73	6.91	0.34	4.29	63.72	0.0	41.76
2.378	30.73	6.91	0.3	4.3	66.45	0.0	41.76
2.386	30.73	6.91	0.57	4.29	72.58	0.0	41.76
2.389	30.73	6.91	0.38	4.26	77.97	0.0	41.77
2.4	30.74	6.91	0.38	4.24	66.37	0.0	41.76
2.421	30.74	6.91	0.11	4.24	71.28	0.0	41.76
2.439	30.74	6.91	0.5	4.23	70.25	0.0	41.76
2.448	30.74	6.91	0.46	4.24	65.68	0.0	41.77
2.459	30.74	6.91	0.46	4.22	65.96	0.0	41.77
2.47	30.74	6.91	0.34	4.22	70.64	0.0	41.76
2.475	30.74	6.91	0.34	4.24	77.93	0.0	41.76
2.476	30.74	6.91	0.38	4.26	69.13	0.0	41.77
2.479	30.74	6.91	0.38	4.25	69.33	0.0	41.76
2.489	30.74	6.91	0.53	4.23	66.49	0.0	41.77
2.507	30.74	6.91	0.5	4.19	66.28	0.0	41.77
2.523	30.74	6.91	0.38	4.17	69.83	0.0	41.77
2.535	30.74	6.91	0.46	4.17	72.85	0.0	41.77
2.54	30.74	6.91	0.5	4.19	68.51	0.0	41.77
2.545	30.74	6.91	0.5	4.22	72.55	0.0	41.77
2.555	30.74	6.91	0.38	4.23	76.06	0.0	41.77
2.561	30.74	6.91	0.42	4.23	72.28	0.0	41.77
2.563	30.74	6.91	0.5	4.24	69.16	0.0	41.77
2.571	30.74	6.91	0.42	4.26	67.52	0.0	41.77
2.585	30.74	6.91	0.42	4.25	72.4	0.0	41.77
2.604	30.74	6.91	0.42	4.26	69.54	0.0	41.77
2.627	30.74	6.91	0.57	4.26	64.44	0.0	41.77
2.639	30.74	6.91	0.42	4.24	72.95	0.0	41.77

2.641	30.74	6.91	0.42	4.21	71.94	0.0	41.77
2.645	30.74	6.91	0.53	4.17	65.45	0.0	41.77
2.652	30.74	6.91	0.3	4.13	69.79	0.0	41.77
2.655	30.74	6.91	0.34	4.11	67.74	0.0	41.77
2.663	30.74	6.91	0.5	4.09	63.81	0.0	41.78
2.673	30.74	6.91	0.38	4.06	71.0	0.0	41.78
2.681	30.74	6.91	0.46	4.03	66.71	0.0	41.77
2.693	30.73	6.91	0.38	4.04	65.96	0.0	41.78
2.713	30.73	6.91	0.53	4.09	68.18	0.0	41.78
2.726	30.73	6.91	0.42	4.31	64.52	0.0	41.78
2.738	30.73	6.91	0.5	4.33	67.07	0.0	41.78
2.756	30.73	6.91	0.3	4.33	61.57	0.0	41.78
2.769	30.73	6.91	0.42	4.33	63.52	0.0	41.78
2.77	30.74	6.91	0.57	4.31	68.08	0.0	41.78
2.772	30.74	6.91	0.42	4.29	62.97	0.0	41.78
2.786	30.74	6.91	0.53	4.27	64.36	0.0	41.78
2.81	30.74	6.91	0.38	4.25	66.86	0.0	41.78
2.82	30.74	6.91	0.23	4.2	64.16	0.0	41.78
2.827	30.74	6.91	0.53	4.16	63.51	0.0	41.78
2.839	30.74	6.91	0.38	4.12	61.11	0.0	41.77
2.842	30.74	6.92	0.42	4.06	65.64	0.0	41.78
2.847	30.74	6.92	0.53	4.05	71.65	0.0	41.78
2.859	30.75	6.92	0.42	4.06	64.43	0.0	41.78
2.874	30.75	6.92	0.46	4.07	63.11	0.0	41.78
2.891	30.75	6.92	0.46	4.1	63.64	0.0	41.78
2.9	30.75	6.92	0.38	4.12	63.54	0.0	41.77
2.901	30.75	6.92	0.42	4.17	63.0	0.0	41.78
2.903	30.75	6.92	0.46	4.2	61.07	0.0	41.78
2.907	30.75	6.92	0.34	4.23	62.11	0.0	41.78
2.911	30.75	6.92	0.38	4.29	57.97	0.0	41.78
2.916	30.75	6.92	0.42	4.24	59.38	0.0	41.78
2.935	30.75	6.92	0.38	4.18	68.24	0.0	41.78
2.957	30.75	6.92	0.42	4.1	58.0	0.0	41.78
2.969	30.75	6.92	0.42	4.02	55.91	0.0	41.78
2.972	30.75	6.92	0.42	3.96	57.02	0.0	41.78
2.981	30.75	6.92	0.42	3.94	64.58	0.0	41.78
2.99	30.75	6.92	0.53	4.04	58.34	0.0	41.78
2.994	30.75	6.92	0.5	4.07	62.62	0.0	41.78
3.012	30.75	6.92	0.34	4.08	60.69	0.0	41.78
3.031	30.75	6.92	0.46	4.06	57.09	0.0	41.77
3.043	30.75	6.92	0.46	4.03	57.08	0.0	41.78
3.052	30.75	6.92	0.34	3.99	62.16	0.0	41.78
3.061	30.75	6.92	0.42	3.96	62.68	0.0	41.78
3.077	30.75	6.92	0.46	3.96	57.97	0.0	41.78
3.09	30.75	6.92	0.42	3.87	58.47	0.0	41.78
3.093	30.75	6.92	0.42	3.86	62.06	0.0	41.78
3.105	30.75	6.92	0.53	3.88	62.53	0.0	41.78
3.123	30.75	6.92	0.38	3.94	56.92	0.0	41.78
3.138	30.75	6.92	0.3	4.0	56.64	0.0	41.78
3.147	30.75	6.92	0.46	4.03	59.8	0.0	41.78
3.161	30.75	6.92	0.46	4.06	64.42	0.0	41.78
3.173	30.75	6.92	0.42	4.07	56.23	0.0	41.78
3.181	30.75	6.92	0.42	4.06	55.33	0.0	41.78
3.184	30.75	6.92	0.38	4.04	63.81	0.0	41.78
3.189	30.75	6.92	0.5	4.01	59.69	0.0	41.78
3.2	30.75	6.92	0.5	3.99	54.97	0.0	41.78
3.215	30.75	6.92	0.53	4.03	57.45	0.0	41.78
3.228	30.75	6.92	0.34	4.08	58.6	0.0	41.78

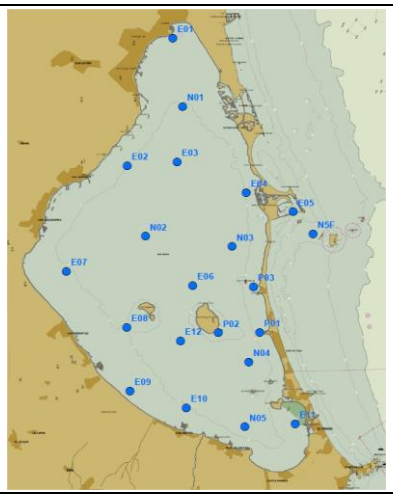
3.239	30.75	6.92	0.38	4.1	58.28	0.0	41.78
3.258	30.75	6.92	0.38	4.11	58.49	0.0	41.78
3.277	30.75	6.92	0.42	4.12	58.1	0.0	41.78
3.281	30.75	6.92	0.38	4.08	56.74	0.0	41.78
3.283	30.75	6.92	0.5	4.06	56.5	0.0	41.78
3.294	30.75	6.92	0.27	4.05	54.24	0.0	41.78
3.304	30.75	6.92	0.42	4.04	54.46	0.0	41.78
3.309	30.75	6.92	0.46	4.03	57.91	0.0	41.78
3.316	30.75	6.92	0.53	4.03	58.14	0.0	41.78
3.331	30.75	6.92	0.38	4.06	55.24	0.0	41.78
3.35	30.75	6.92	0.42	4.09	54.73	0.0	41.78
3.359	30.75	6.92	0.27	4.08	56.22	0.0	41.78
3.362	30.75	6.92	0.3	4.08	56.08	0.0	41.78
3.363	30.75	6.92	0.3	4.07	55.09	0.0	41.78
3.367	30.75	6.92	0.5	4.07	57.54	0.0	41.78
3.375	30.75	6.92	0.38	4.11	55.66	0.0	41.78
3.386	30.75	6.92	0.3	4.15	55.06	0.0	41.78
3.403	30.75	6.92	0.42	4.17	55.02	0.0	41.78
3.422	30.75	6.92	0.38	4.19	57.08	0.0	41.78
3.445	30.75	6.92	0.42	4.25	54.91	0.0	41.78
3.463	30.75	6.92	0.5	4.29	57.13	0.0	41.78
3.473	30.75	6.92	0.42	4.21	52.82	0.0	41.77
3.474	30.75	6.92	0.46	4.16	55.34	0.0	41.78
3.485	30.75	6.92	0.27	4.1	56.76	0.0	41.78
3.499	30.75	6.92	0.42	4.04	53.64	0.0	41.77
3.514	30.75	6.92	0.53	3.98	53.07	0.0	41.78
3.528	30.75	6.92	0.57	3.93	52.18	0.0	41.78
3.539	30.75	6.92	0.5	3.92	53.69	0.0	41.78
3.557	30.75	6.92	0.15	3.96	53.71	0.0	41.78
3.571	30.75	6.92	0.5	4.36	55.75	0.0	41.78
3.581	30.75	6.92	0.46	4.42	52.76	0.0	41.78
3.594	30.75	6.92	0.42	4.46	50.75	0.0	41.78
3.605	30.75	6.92	0.3	4.49	52.02	0.0	41.78
3.613	30.75	6.92	0.34	4.5	54.48	0.0	41.78
3.625	30.75	6.92	0.42	4.51	52.15	0.0	41.78
3.646	30.75	6.92	0.53	4.54	49.6	0.0	41.78
3.647	30.75	6.92	0.38	4.53	51.59	0.0	41.78
3.648	30.75	6.92	0.42	4.5	52.11	0.0	41.78
3.659	30.75	6.92	0.38	4.46	50.23	0.0	41.78
3.678	30.75	6.92	0.42	4.45	49.49	0.0	41.78
3.701	30.75	6.92	0.15	4.46	49.41	0.0	41.78
3.712	30.75	6.92	0.5	4.5	49.71	0.0	41.78
3.714	30.75	6.92	0.57	4.5	49.79	0.0	41.78
3.722	30.75	6.92	0.57	4.52	50.72	0.0	41.78
3.728	30.75	6.92	0.5	4.52	50.72	0.0	41.78
3.739	30.75	6.92	0.3	4.52	49.74	0.0	41.78
3.75	30.75	6.92	0.34	4.5	49.83	0.0	41.78
3.762	30.75	6.92	0.42	4.49	50.89	0.0	41.78
3.782	30.75	6.92	0.46	4.47	50.84	0.0	41.78
3.797	30.75	6.92	0.53	4.43	50.4	0.0	41.78
3.798	30.75	6.92	0.38	4.29	50.32	0.0	41.78
3.801	30.75	6.92	0.38	4.23	49.57	0.0	41.78
3.805	30.75	6.92	0.5	4.19	50.29	0.0	41.78
3.815	30.75	6.92	0.42	4.17	50.68	0.0	41.78
3.825	30.75	6.92	0.42	4.17	49.94	0.0	41.78
3.832	30.75	6.92	0.3	4.18	48.79	0.0	41.78
3.838	30.75	6.92	0.42	4.2	49.14	0.0	41.78
3.845	30.75	6.92	0.53	4.19	49.46	0.0	41.78

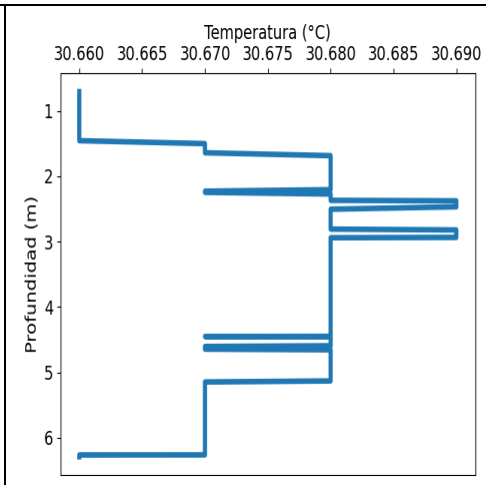
3.853	30.75	6.92	0.3	4.2	50.2	0.0	41.78
3.868	30.75	6.92	0.46	4.2	49.38	0.0	41.78
3.883	30.75	6.92	0.34	4.21	49.98	0.0	41.78
3.89	30.75	6.92	0.34	4.23	49.61	0.0	41.78
3.893	30.75	6.92	0.3	4.25	49.44	0.0	41.78
3.898	30.75	6.92	0.53	4.22	48.27	0.0	41.78
3.901	30.75	6.92	0.65	4.11	47.92	0.0	41.78
3.904	30.75	6.92	0.42	4.01	49.62	0.0	41.78
3.909	30.75	6.92	0.5	4.04	48.8	0.0	41.78
3.92	30.75	6.92	0.3	4.08	47.71	0.0	41.78
3.937	30.75	6.92	0.5	4.14	48.0	0.0	41.78
3.957	30.75	6.92	0.38	4.17	48.41	0.0	41.78
3.974	30.75	6.92	0.23	4.18	48.21	0.0	41.78
3.984	30.75	6.92	0.42	4.17	47.71	0.0	41.77
3.986	30.75	6.92	0.42	4.06	47.98	0.0	41.77
3.987	30.75	6.92	0.5	4.0	48.12	0.0	41.77
3.993	30.75	6.92	0.57	3.89	48.0	0.0	41.78
4.002	30.75	6.92	0.5	3.82	47.35	0.0	41.78
4.014	30.75	6.92	0.38	3.78	48.1	0.0	41.78
4.024	30.75	6.92	0.46	3.76	49.28	0.0	41.78
4.037	30.75	6.92	0.3	3.78	47.4	0.0	41.78
4.057	30.75	6.92	0.46	3.84	47.16	0.0	41.78
4.071	30.75	6.92	0.42	3.89	47.39	0.0	41.78
4.076	30.75	6.92	0.23	4.02	46.66	0.0	41.78
4.084	30.75	6.92	0.42	4.11	45.71	0.0	41.78
4.089	30.75	6.92	0.5	4.12	46.1	0.0	41.78
4.094	30.75	6.92	0.38	4.18	48.06	0.0	41.78
4.106	30.75	6.92	0.42	4.26	46.66	0.0	41.78
4.125	30.75	6.92	0.46	4.37	45.67	0.0	41.78
4.145	30.75	6.92	0.3	4.47	45.16	0.0	41.78
4.159	30.75	6.92	0.42	4.56	46.56	0.0	41.78
4.17	30.75	6.92	0.46	4.59	46.21	0.0	41.78
4.181	30.75	6.92	0.57	4.57	47.29	0.0	41.78
4.195	30.75	6.92	0.3	4.53	45.22	0.0	41.78
4.206	30.75	6.92	0.42	4.44	45.25	0.0	41.78
4.21	30.75	6.92	0.3	4.31	46.36	0.0	41.78
4.216	30.75	6.92	0.46	4.17	47.38	0.0	41.78
4.229	30.75	6.92	0.53	4.05	45.12	0.0	41.78
4.244	30.75	6.92	0.46	3.94	43.83	0.0	41.78
4.255	30.75	6.92	0.46	3.92	45.28	0.0	41.77
4.266	30.75	6.92	0.46	3.95	45.74	0.0	41.77
4.277	30.75	6.92	0.34	3.98	45.5	0.0	41.77
4.29	30.75	6.92	0.34	3.99	44.23	0.0	41.77
4.3	30.75	6.92	0.46	3.99	44.12	0.0	41.77
4.304	30.75	6.92	0.42	3.97	44.33	0.0	41.78
4.308	30.75	6.92	0.38	3.97	44.21	0.0	41.78
4.326	30.75	6.92	0.53	3.99	44.57	0.0	41.78
4.354	30.75	6.92	0.38	4.07	44.31	0.0	41.78
4.377	30.75	6.92	0.53	4.18	43.75	0.0	41.78
4.398	30.75	6.92	0.42	4.29	44.11	0.0	41.78
4.419	30.75	6.92	0.23	4.39	44.77	0.0	41.78
4.425	30.75	6.92	0.42	4.51	44.67	0.0	41.78
4.426	30.75	6.92	0.38	4.55	43.86	0.0	41.78
4.43	30.75	6.92	0.38	4.57	44.05	0.0	41.78
4.434	30.75	6.92	0.38	4.58	44.98	0.0	41.78
4.442	30.75	6.92	0.46	4.6	44.03	0.0	41.78
4.456	30.75	6.92	0.42	4.6	43.6	0.0	41.78
4.467	30.75	6.92	0.42	4.58	43.88	0.0	41.78

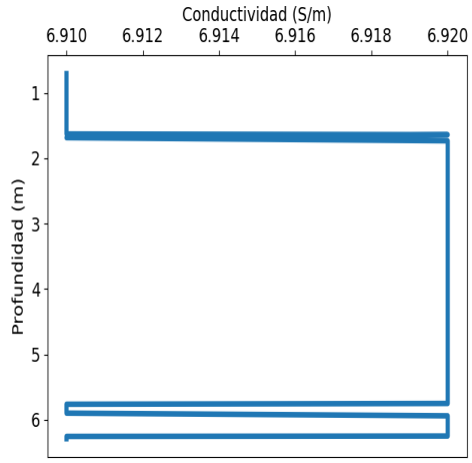
4.474	30.75	6.92	0.5	4.57	44.58	0.0	41.78
4.48	30.75	6.92	0.42	4.55	42.64	0.0	41.78
4.491	30.75	6.92	0.42	4.53	42.54	0.0	41.78
4.501	30.75	6.92	0.57	4.52	43.19	0.0	41.78
4.513	30.75	6.92	0.5	4.52	42.95	0.0	41.78
4.525	30.75	6.92	0.42	4.55	42.69	0.0	41.78
4.528	30.75	6.92	0.42	4.56	42.61	0.0	41.78
4.545	30.75	6.92	0.38	4.56	41.08	0.0	41.78
4.562	30.75	6.92	0.57	4.55	40.2	0.0	41.78
4.579	30.75	6.92	0.38	4.57	40.58	0.0	41.78
4.597	30.75	6.92	0.46	4.58	41.16	0.0	41.78
4.612	30.75	6.92	0.42	4.55	41.67	0.0	41.78
4.621	30.75	6.92	0.42	4.52	41.12	0.0	41.78
4.629	30.75	6.92	0.3	4.51	40.82	0.0	41.78
4.633	30.75	6.92	0.34	4.52	41.99	0.0	41.78
4.641	30.75	6.92	0.42	4.54	40.94	0.0	41.78
4.661	30.75	6.92	0.46	4.56	40.11	0.0	41.78
4.679	30.75	6.92	0.46	4.58	41.2	0.0	41.78
4.695	30.75	6.92	0.38	4.6	40.69	0.0	41.78
4.705	30.75	6.92	0.3	4.59	40.39	0.0	41.78
4.718	30.75	6.92	0.23	4.59	40.15	0.0	41.78
4.733	30.75	6.92	0.38	4.59	40.04	0.0	41.78
4.742	30.75	6.92	0.46	4.58	40.26	0.0	41.78
4.746	30.76	6.92	0.5	4.53	39.72	0.0	41.78
4.752	30.76	6.92	0.46	4.52	39.25	0.0	41.78
4.763	30.76	6.92	0.46	4.52	39.65	0.0	41.78
4.779	30.76	6.92	0.42	4.54	39.66	0.0	41.78
4.797	30.76	6.92	0.34	4.55	39.68	0.0	41.77
4.808	30.75	6.92	0.46	4.54	39.61	0.0	41.77
4.811	30.75	6.92	0.42	4.52	39.21	0.0	41.78
4.818	30.75	6.92	0.53	4.51	39.01	0.0	41.78
4.829	30.75	6.92	0.3	4.49	39.76	0.0	41.78
4.842	30.75	6.92	0.42	4.47	39.14	0.0	41.78
4.857	30.75	6.92	0.3	4.48	38.46	0.0	41.78
4.864	30.75	6.92	0.38	4.49	38.06	0.0	41.78
4.866	30.75	6.92	0.46	4.5	38.49	0.0	41.78
4.878	30.75	6.92	0.38	4.52	38.89	0.0	41.78
4.89	30.75	6.92	0.38	4.54	38.89	0.0	41.78
4.893	30.75	6.92	0.27	4.55	38.34	0.0	41.78
4.895	30.75	6.92	0.27	4.56	38.65	0.0	41.78
4.907	30.75	6.92	0.38	4.57	38.56	0.0	41.78
4.921	30.75	6.92	0.34	4.56	38.18	0.0	41.78
4.932	30.75	6.92	0.34	4.58	38.58	0.0	41.78
4.942	30.75	6.92	0.3	4.59	38.62	0.0	41.78
4.954	30.75	6.92	0.53	4.58	38.7	0.0	41.78
4.964	30.75	6.92	0.38	4.58	37.85	0.0	41.78
4.97	30.75	6.92	0.38	4.57	38.16	0.0	41.78
4.973	30.75	6.92	0.5	4.57	37.93	0.0	41.78
4.979	30.75	6.92	0.3	4.57	37.86	0.0	41.78
4.996	30.75	6.92	0.38	4.58	37.38	0.0	41.78
5.013	30.75	6.92	0.57	4.6	37.33	0.0	41.78
5.024	30.75	6.92	0.42	4.6	37.51	0.0	41.78
5.033	30.75	6.92	0.3	4.61	38.36	0.0	41.78
5.046	30.75	6.92	0.46	4.59	37.53	0.0	41.78
5.059	30.75	6.92	0.42	4.59	37.09	0.0	41.78
5.07	30.75	6.92	0.42	4.6	37.12	0.0	41.78
5.076	30.75	6.92	0.46	4.61	37.71	0.0	41.78
5.079	30.75	6.92	0.3	4.54	37.2	0.0	41.78

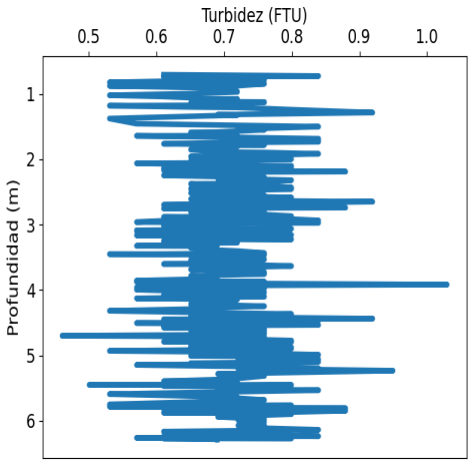
5.089	30.75	6.92	0.5	4.54	37.21	0.0	41.78
5.1	30.75	6.92	0.3	4.53	37.63	0.0	41.78
5.109	30.75	6.92	0.5	4.54	37.31	0.0	41.78
5.122	30.75	6.92	0.46	4.55	36.26	0.0	41.78
5.137	30.75	6.92	0.15	4.55	36.06	0.0	41.78
5.146	30.75	6.92	0.34	4.56	36.35	0.0	41.78
5.156	30.75	6.92	0.46	4.57	37.1	0.0	41.78
5.165	30.75	6.92	0.23	4.58	36.79	0.0	41.78
5.171	30.75	6.92	0.38	4.58	36.77	0.0	41.78
5.176	30.75	6.92	0.3	4.58	36.47	0.0	41.78
5.183	30.75	6.92	0.38	4.56	36.09	0.0	41.78
5.196	30.75	6.92	0.34	4.57	35.76	0.0	41.78
5.212	30.76	6.92	0.38	4.58	35.78	0.0	41.78
5.226	30.75	6.92	0.38	4.58	35.42	0.0	41.78
5.234	30.76	6.92	0.46	4.57	35.4	0.0	41.78
5.241	30.76	6.92	0.46	4.57	35.5	0.0	41.78
5.251	30.76	6.92	0.46	4.57	35.14	0.0	41.78
5.263	30.76	6.92	0.5	4.57	34.62	0.0	41.78
5.273	30.75	6.92	0.42	4.56	34.66	0.0	41.78
5.281	30.75	6.92	0.3	4.54	34.74	0.0	41.78
5.286	30.75	6.92	0.34	4.54	34.64	0.0	41.78
5.296	30.75	6.92	0.34	4.56	34.64	0.0	41.78
5.306	30.75	6.92	0.42	4.58	34.7	0.0	41.78
5.317	30.75	6.92	0.34	4.59	34.34	0.0	41.78
5.325	30.75	6.92	0.23	4.6	33.76	0.0	41.78
5.33	30.75	6.92	0.38	4.59	33.91	0.0	41.78
5.338	30.75	6.92	0.19	4.59	34.37	0.0	41.78
5.347	30.75	6.92	0.23	4.59	34.75	0.0	41.78
5.355	30.75	6.92	0.3	4.6	34.36	0.0	41.78
5.361	30.75	6.92	0.3	4.58	34.19	0.0	41.78
5.366	30.75	6.92	0.3	4.58	33.94	0.0	41.78
5.367	30.75	6.92	0.38	4.59	33.73	0.0	41.78
5.368	30.75	6.92	0.5	4.59	33.54	0.0	41.78
5.372	30.75	6.92	0.42	4.6	33.83	0.0	41.78
5.378	30.75	6.92	0.42	4.61	33.4	0.0	41.78
5.38	30.75	6.92	0.5	4.61	33.69	0.0	41.78
5.381	30.75	6.92	0.27	4.61	33.62	0.0	41.78

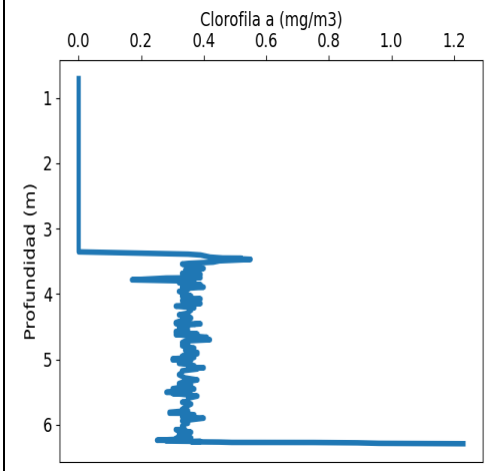
Nombre: CTD E03 - Punto 003 **Fecha: 01/08/2022** **Hora: 07:08:44**

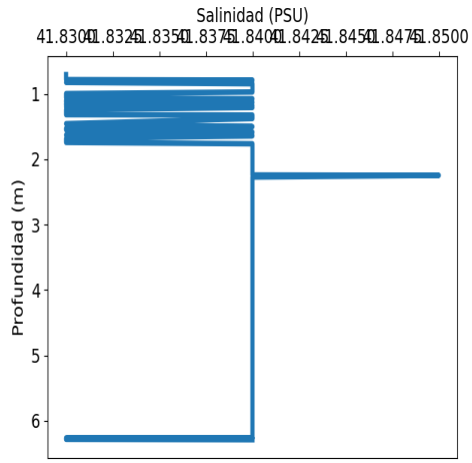


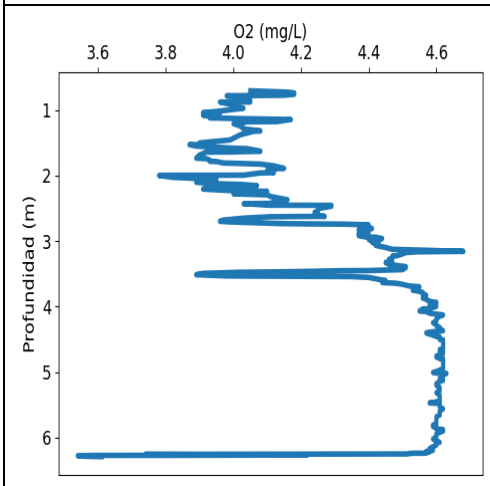


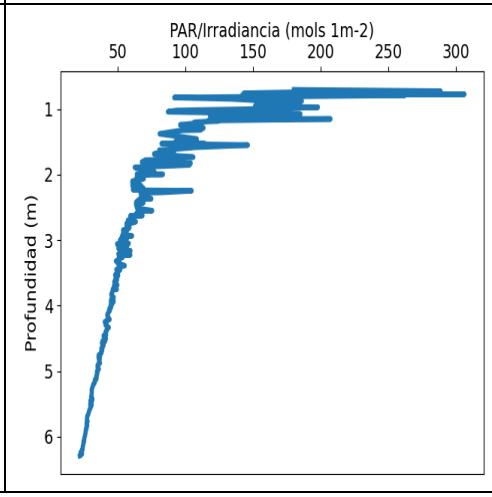


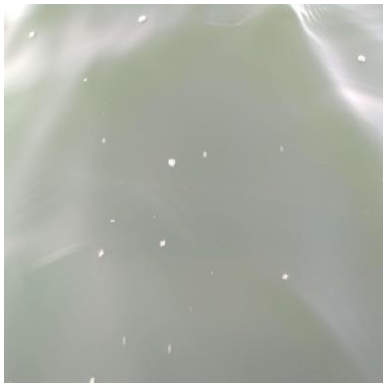












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.66	6.91	0.46	3.54	21.92	0.0	41.83
PROF (metros)	0.707	0.707	4.7	6.276	6.284	0.707	0.707
MÁXIMO	30.69	30.69	1.03	4.68	306.35	1.23	41.85
PROF (metros)	2.377	1.64	3.918	3.157	0.774	6.29	2.247

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.66	6.91	0.69	4.05	183.51	0.0	41.83
1 - 2m	30.67	6.91	0.7	3.99	103.19	0.0	41.84
2 - 3m	30.68	6.92	0.72	4.17	63.09	0.0	41.84
3 - 4m	30.68	6.92	0.69	4.45	49.89	0.23	41.84
4 - 5m	30.68	6.92	0.7	4.61	39.51	0.35	41.84
5 - 6m	30.67	6.92	0.71	4.61	30.33	0.34	41.84
6 - 7m	30.67	6.91	0.7	4.28	23.51	0.44	41.84

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 1 - 2m con los valores 3.99 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)
0.707	30.66	6.91	0.61	4.05	180.27	0.0	41.83
0.727	30.66	6.91	0.84	4.16	288.7	0.0	41.83
0.74	30.66	6.91	0.61	4.18	192.44	0.0	41.83
0.759	30.66	6.91	0.76	4.18	143.3	0.0	41.83
0.774	30.66	6.91	0.72	4.15	306.35	0.0	41.83
0.783	30.66	6.91	0.76	3.98	142.25	0.0	41.83
0.79	30.66	6.91	0.69	4.0	262.35	0.0	41.84
0.825	30.66	6.91	0.53	4.04	91.83	0.0	41.83
0.846	30.66	6.91	0.76	4.05	134.08	0.0	41.84
0.877	30.66	6.91	0.72	4.05	161.96	0.0	41.84
0.878	30.66	6.91	0.53	3.96	186.17	0.0	41.84
0.912	30.66	6.91	0.69	3.99	152.88	0.0	41.84
0.963	30.66	6.91	0.72	4.02	151.36	0.0	41.84
0.972	30.66	6.91	0.72	4.03	198.05	0.0	41.84
0.997	30.66	6.91	0.65	3.99	160.69	0.0	41.83
1.022	30.66	6.91	0.53	3.95	93.79	0.0	41.83
1.042	30.66	6.91	0.61	3.91	87.15	0.0	41.83
1.059	30.66	6.91	0.65	3.96	130.95	0.0	41.83
1.076	30.66	6.91	0.65	3.94	185.09	0.0	41.84
1.078	30.66	6.91	0.72	3.91	145.04	0.0	41.84
1.097	30.66	6.91	0.69	3.93	118.17	0.0	41.83
1.12	30.66	6.91	0.69	3.93	144.27	0.0	41.83
1.125	30.66	6.91	0.76	3.97	125.28	0.0	41.83
1.131	30.66	6.91	0.76	4.02	164.84	0.0	41.84
1.145	30.66	6.91	0.65	4.17	123.63	0.0	41.83
1.152	30.66	6.91	0.65	4.16	207.35	0.0	41.83
1.176	30.66	6.91	0.65	4.13	116.92	0.0	41.83
1.181	30.66	6.91	0.53	4.02	124.64	0.0	41.84
1.202	30.66	6.91	0.65	4.03	106.71	0.0	41.83
1.209	30.66	6.91	0.72	4.0	112.56	0.0	41.84
1.242	30.66	6.91	0.8	4.02	96.17	0.0	41.83
1.287	30.66	6.91	0.92	4.03	113.5	0.0	41.83
1.319	30.66	6.91	0.69	4.08	111.21	0.0	41.83

1.325	30.66	6.91	0.72	4.06	97.78	0.0	41.84
1.378	30.66	6.91	0.53	4.02	81.03	0.0	41.84
1.457	30.66	6.91	0.57	3.99	108.53	0.0	41.83
1.502	30.67	6.91	0.84	3.9	92.24	0.0	41.84
1.527	30.67	6.91	0.76	3.9	114.4	0.0	41.83
1.528	30.67	6.91	0.72	3.87	82.43	0.0	41.83
1.55	30.67	6.91	0.76	3.89	146.22	0.0	41.83
1.585	30.67	6.91	0.69	4.01	105.53	0.0	41.84
1.589	30.67	6.91	0.65	4.04	104.92	0.0	41.84
1.629	30.67	6.91	0.65	4.08	80.62	0.0	41.83
1.64	30.67	6.92	0.72	3.99	91.81	0.0	41.84
1.642	30.67	6.92	0.57	3.92	89.79	0.0	41.84
1.686	30.68	6.91	0.84	3.9	76.88	0.0	41.83
1.734	30.68	6.92	0.84	3.89	105.95	0.0	41.83
1.743	30.68	6.92	0.72	3.92	86.94	0.0	41.83
1.764	30.68	6.92	0.61	3.93	90.44	0.0	41.84
1.782	30.68	6.92	0.76	3.93	70.02	0.0	41.84
1.786	30.68	6.92	0.72	3.95	78.22	0.0	41.84
1.808	30.68	6.92	0.72	3.97	67.88	0.0	41.84
1.825	30.68	6.92	0.69	4.08	104.03	0.0	41.84
1.853	30.68	6.92	0.65	4.12	103.0	0.0	41.84
1.89	30.68	6.92	0.69	4.15	62.65	0.0	41.84
1.897	30.68	6.92	0.76	4.12	65.47	0.0	41.84
1.917	30.68	6.92	0.84	4.1	70.22	0.0	41.84
1.956	30.68	6.92	0.69	4.12	67.07	0.0	41.84
1.96	30.68	6.92	0.65	4.08	77.22	0.0	41.84
1.994	30.68	6.92	0.76	4.03	64.1	0.0	41.84
1.996	30.68	6.92	0.76	3.79	83.45	0.0	41.84
1.998	30.68	6.92	0.8	3.78	73.68	0.0	41.84
2.027	30.68	6.92	0.65	3.82	64.79	0.0	41.84
2.058	30.68	6.92	0.65	3.95	63.72	0.0	41.84
2.063	30.68	6.92	0.57	3.91	69.33	0.0	41.84
2.102	30.68	6.92	0.8	3.89	60.82	0.0	41.84
2.125	30.68	6.92	0.8	3.95	65.82	0.0	41.84
2.135	30.68	6.92	0.61	4.02	60.87	0.0	41.84
2.154	30.68	6.92	0.72	4.07	61.61	0.0	41.84
2.167	30.68	6.92	0.61	4.04	67.28	0.0	41.84
2.171	30.68	6.92	0.69	4.02	60.92	0.0	41.84
2.19	30.68	6.92	0.88	3.99	62.07	0.0	41.84
2.195	30.68	6.92	0.76	3.93	66.56	0.0	41.84
2.206	30.68	6.92	0.72	3.91	69.02	0.0	41.84
2.229	30.67	6.92	0.65	3.99	61.2	0.0	41.84
2.241	30.67	6.92	0.65	4.1	69.18	0.0	41.84
2.247	30.67	6.92	0.61	4.08	104.71	0.0	41.85
2.273	30.68	6.92	0.72	4.02	82.22	0.0	41.84
2.278	30.68	6.92	0.76	4.0	66.9	0.0	41.84
2.295	30.68	6.92	0.69	4.1	68.62	0.0	41.84
2.32	30.68	6.92	0.8	4.11	67.27	0.0	41.84
2.369	30.68	6.92	0.76	4.16	74.89	0.0	41.84
2.377	30.69	6.92	0.65	4.13	66.02	0.0	41.84
2.424	30.69	6.92	0.72	4.11	63.56	0.0	41.84
2.43	30.69	6.92	0.72	4.03	69.08	0.0	41.84
2.432	30.69	6.92	0.8	4.05	67.88	0.0	41.84
2.452	30.69	6.92	0.65	4.1	66.57	0.0	41.84
2.455	30.69	6.92	0.8	4.29	63.52	0.0	41.84
2.468	30.69	6.92	0.72	4.29	63.97	0.0	41.84
2.505	30.68	6.92	0.72	4.25	64.15	0.0	41.84
2.518	30.68	6.92	0.65	4.25	65.51	0.0	41.84

2.551	30.68	6.92	0.76	4.25	75.57	0.0	41.84
2.56	30.68	6.92	0.69	4.24	64.73	0.0	41.84
2.586	30.68	6.92	0.8	4.24	64.37	0.0	41.84
2.609	30.68	6.92	0.65	4.25	63.25	0.0	41.84
2.623	30.68	6.92	0.76	4.27	63.42	0.0	41.84
2.625	30.68	6.92	0.76	4.19	68.4	0.0	41.84
2.629	30.68	6.92	0.69	4.11	59.3	0.0	41.84
2.65	30.68	6.92	0.92	4.03	61.61	0.0	41.84
2.68	30.68	6.92	0.69	3.97	59.3	0.0	41.84
2.698	30.68	6.92	0.61	3.96	57.58	0.0	41.84
2.708	30.68	6.92	0.72	3.99	60.17	0.0	41.84
2.719	30.68	6.92	0.65	4.06	63.42	0.0	41.84
2.733	30.68	6.92	0.72	4.14	61.54	0.0	41.84
2.738	30.68	6.92	0.8	4.23	59.36	0.0	41.84
2.741	30.68	6.92	0.88	4.32	58.04	0.0	41.84
2.749	30.68	6.92	0.65	4.38	56.56	0.0	41.84
2.755	30.68	6.92	0.61	4.4	58.92	0.0	41.84
2.756	30.68	6.92	0.69	4.38	56.51	0.0	41.84
2.779	30.68	6.92	0.76	4.39	56.63	0.0	41.84
2.809	30.68	6.92	0.65	4.41	58.7	0.0	41.84
2.822	30.69	6.92	0.72	4.39	56.84	0.0	41.84
2.827	30.69	6.92	0.76	4.37	57.91	0.0	41.84
2.847	30.69	6.92	0.76	4.38	54.02	0.0	41.84
2.871	30.69	6.92	0.8	4.4	56.5	0.0	41.84
2.883	30.69	6.92	0.61	4.37	54.06	0.0	41.84
2.916	30.69	6.92	0.8	4.37	54.01	0.0	41.84
2.936	30.69	6.92	0.84	4.39	60.66	0.0	41.84
2.941	30.68	6.92	0.61	4.42	53.18	0.0	41.84
2.962	30.68	6.92	0.57	4.44	52.95	0.0	41.84
2.973	30.68	6.92	0.84	4.43	56.94	0.0	41.84
2.977	30.68	6.92	0.72	4.4	54.12	0.0	41.84
2.994	30.68	6.92	0.61	4.41	51.96	0.0	41.84
3.0	30.68	6.92	0.69	4.43	54.19	0.0	41.84
3.007	30.68	6.92	0.69	4.41	51.77	0.0	41.84
3.02	30.68	6.92	0.61	4.41	51.98	0.0	41.84
3.036	30.68	6.92	0.72	4.42	53.75	0.0	41.84
3.052	30.68	6.92	0.65	4.43	58.17	0.0	41.84
3.061	30.68	6.92	0.65	4.42	49.55	0.0	41.84
3.064	30.68	6.92	0.8	4.42	51.39	0.0	41.84
3.078	30.68	6.92	0.69	4.43	50.65	0.0	41.84
3.087	30.68	6.92	0.57	4.44	57.19	0.0	41.84
3.098	30.68	6.92	0.57	4.45	50.68	0.0	41.84
3.126	30.68	6.92	0.76	4.47	50.51	0.0	41.84
3.157	30.68	6.92	0.8	4.68	53.14	0.0	41.84
3.164	30.68	6.92	0.57	4.54	59.51	0.0	41.84
3.175	30.68	6.92	0.72	4.51	53.54	0.0	41.84
3.195	30.68	6.92	0.76	4.5	52.18	0.0	41.84
3.213	30.68	6.92	0.69	4.49	50.49	0.0	41.84
3.225	30.68	6.92	0.8	4.48	59.41	0.0	41.84
3.227	30.68	6.92	0.69	4.47	53.74	0.0	41.84
3.245	30.68	6.92	0.61	4.47	51.28	0.0	41.84
3.267	30.68	6.92	0.61	4.47	53.55	0.0	41.84
3.277	30.68	6.92	0.72	4.46	50.62	0.0	41.84
3.285	30.68	6.92	0.65	4.46	50.54	0.0	41.84
3.305	30.68	6.92	0.69	4.46	51.15	0.0	41.84
3.321	30.68	6.92	0.61	4.47	48.7	0.0	41.84
3.325	30.68	6.92	0.57	4.45	50.94	0.0	41.84
3.33	30.68	6.92	0.69	4.45	50.3	0.0	41.84

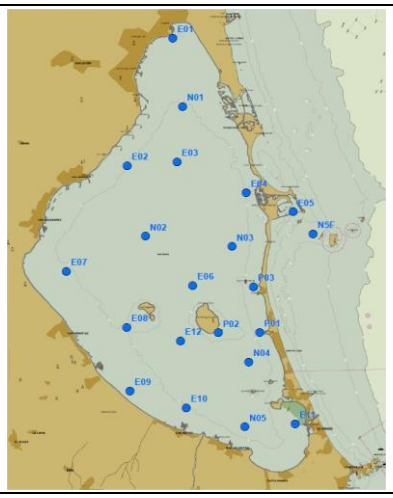
3.356	30.68	6.92	0.65	4.46	50.06	0.0	41.84
3.391	30.68	6.92	0.69	4.51	55.26	0.35	41.84
3.404	30.68	6.92	0.72	4.51	51.12	0.39	41.84
3.436	30.68	6.92	0.76	4.5	50.83	0.42	41.84
3.45	30.68	6.92	0.61	4.4	49.02	0.46	41.84
3.452	30.68	6.92	0.53	4.32	51.94	0.52	41.84
3.463	30.68	6.92	0.76	4.22	50.42	0.52	41.84
3.47	30.68	6.92	0.65	4.13	50.96	0.55	41.84
3.476	30.68	6.92	0.69	4.02	50.92	0.53	41.84
3.493	30.68	6.92	0.69	3.91	49.28	0.45	41.84
3.513	30.68	6.92	0.72	3.89	49.78	0.43	41.84
3.532	30.68	6.92	0.76	3.98	48.08	0.35	41.84
3.542	30.68	6.92	0.65	4.35	50.43	0.33	41.84
3.555	30.68	6.92	0.65	4.4	48.68	0.34	41.84
3.595	30.68	6.92	0.69	4.44	48.64	0.35	41.84
3.603	30.68	6.92	0.61	4.45	49.6	0.38	41.84
3.609	30.68	6.92	0.72	4.44	47.99	0.4	41.84
3.634	30.68	6.92	0.8	4.44	48.62	0.34	41.84
3.643	30.68	6.92	0.76	4.48	47.48	0.35	41.84
3.66	30.68	6.92	0.69	4.5	48.62	0.38	41.84
3.686	30.68	6.92	0.65	4.52	49.78	0.33	41.84
3.698	30.68	6.92	0.69	4.55	47.29	0.39	41.84
3.707	30.68	6.92	0.72	4.54	48.84	0.39	41.84
3.727	30.68	6.92	0.76	4.54	48.02	0.36	41.84
3.75	30.68	6.92	0.69	4.54	46.37	0.34	41.84
3.751	30.68	6.92	0.72	4.53	49.38	0.39	41.84
3.756	30.68	6.92	0.76	4.54	47.14	0.28	41.84
3.784	30.68	6.92	0.65	4.56	46.14	0.17	41.84
3.804	30.68	6.92	0.69	4.56	45.84	0.37	41.84
3.827	30.68	6.92	0.69	4.57	45.26	0.32	41.84
3.857	30.68	6.92	0.57	4.56	45.7	0.39	41.84
3.872	30.68	6.92	0.72	4.56	46.56	0.35	41.84
3.873	30.68	6.92	0.76	4.56	47.11	0.35	41.84
3.875	30.68	6.92	0.57	4.57	46.51	0.33	41.84
3.883	30.68	6.92	0.76	4.57	46.56	0.35	41.84
3.895	30.68	6.92	0.65	4.57	45.66	0.4	41.84
3.918	30.68	6.92	1.03	4.58	45.03	0.33	41.84
3.931	30.68	6.92	0.72	4.59	45.03	0.35	41.84
3.934	30.68	6.92	0.72	4.6	47.08	0.35	41.84
3.961	30.68	6.92	0.57	4.6	46.4	0.32	41.84
3.976	30.68	6.92	0.76	4.58	44.92	0.34	41.84
3.996	30.68	6.92	0.57	4.6	45.38	0.33	41.84
4.031	30.68	6.92	0.69	4.58	45.08	0.36	41.84
4.036	30.68	6.92	0.76	4.56	44.12	0.33	41.84
4.067	30.68	6.92	0.65	4.55	43.62	0.36	41.84
4.075	30.68	6.92	0.61	4.57	44.27	0.39	41.84
4.102	30.68	6.92	0.76	4.58	43.31	0.33	41.84
4.128	30.68	6.92	0.57	4.62	42.54	0.37	41.84
4.146	30.68	6.92	0.72	4.61	42.3	0.39	41.84
4.186	30.68	6.92	0.69	4.6	43.24	0.31	41.84
4.211	30.68	6.92	0.69	4.6	44.11	0.37	41.84
4.217	30.68	6.92	0.65	4.6	42.75	0.36	41.84
4.248	30.68	6.92	0.76	4.59	40.45	0.36	41.84
4.278	30.68	6.92	0.65	4.6	41.87	0.35	41.84
4.292	30.68	6.92	0.65	4.6	40.94	0.35	41.84
4.319	30.68	6.92	0.53	4.61	42.02	0.32	41.84
4.334	30.68	6.92	0.61	4.61	43.48	0.35	41.84
4.368	30.68	6.92	0.8	4.62	41.79	0.36	41.84

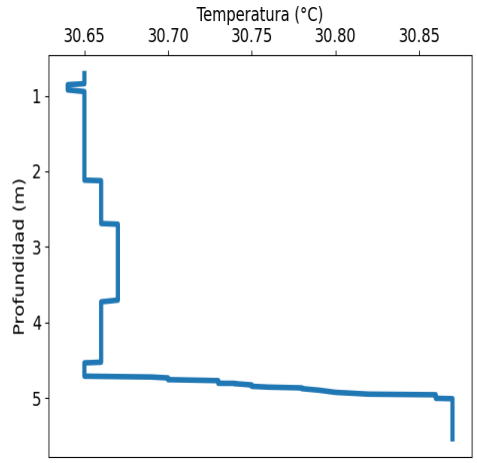
4.39	30.68	6.92	0.72	4.58	41.79	0.33	41.84
4.402	30.68	6.92	0.65	4.57	41.0	0.34	41.84
4.42	30.68	6.92	0.76	4.58	41.29	0.32	41.84
4.438	30.68	6.92	0.92	4.59	40.81	0.31	41.84
4.449	30.68	6.92	0.61	4.6	41.46	0.32	41.84
4.452	30.67	6.92	0.65	4.6	40.7	0.31	41.84
4.457	30.68	6.92	0.76	4.6	39.66	0.39	41.84
4.463	30.68	6.92	0.72	4.61	39.56	0.37	41.84
4.466	30.68	6.92	0.84	4.61	40.57	0.37	41.84
4.475	30.68	6.92	0.72	4.61	40.61	0.33	41.84
4.503	30.68	6.92	0.76	4.61	39.98	0.35	41.84
4.506	30.68	6.92	0.57	4.62	41.36	0.34	41.84
4.515	30.68	6.92	0.72	4.62	40.38	0.32	41.84
4.535	30.68	6.92	0.84	4.62	38.99	0.34	41.84
4.547	30.68	6.92	0.61	4.62	40.73	0.32	41.84
4.555	30.68	6.92	0.69	4.62	38.64	0.35	41.84
4.574	30.68	6.92	0.61	4.62	38.32	0.31	41.84
4.593	30.68	6.92	0.76	4.62	39.1	0.31	41.84
4.604	30.67	6.92	0.69	4.62	39.57	0.35	41.84
4.612	30.67	6.92	0.65	4.62	39.1	0.38	41.84
4.618	30.67	6.92	0.65	4.62	38.98	0.35	41.84
4.622	30.67	6.92	0.72	4.62	39.22	0.31	41.84
4.624	30.67	6.92	0.76	4.62	38.76	0.32	41.84
4.645	30.67	6.92	0.72	4.62	38.35	0.37	41.84
4.655	30.68	6.92	0.76	4.61	37.9	0.39	41.84
4.662	30.68	6.92	0.76	4.61	38.6	0.41	41.84
4.679	30.68	6.92	0.76	4.61	38.56	0.38	41.84
4.7	30.68	6.92	0.46	4.62	37.96	0.42	41.84
4.711	30.68	6.92	0.69	4.62	37.98	0.37	41.84
4.714	30.68	6.92	0.72	4.61	38.1	0.36	41.84
4.72	30.68	6.92	0.76	4.61	37.57	0.34	41.84
4.744	30.68	6.92	0.76	4.61	37.48	0.33	41.84
4.753	30.68	6.92	0.72	4.6	36.02	0.35	41.84
4.773	30.68	6.92	0.8	4.6	35.9	0.35	41.84
4.791	30.68	6.92	0.61	4.62	35.84	0.33	41.84
4.795	30.68	6.92	0.8	4.61	36.73	0.35	41.84
4.81	30.68	6.92	0.69	4.62	36.82	0.35	41.84
4.829	30.68	6.92	0.69	4.62	36.24	0.37	41.84
4.846	30.68	6.92	0.65	4.62	36.29	0.34	41.84
4.863	30.68	6.92	0.65	4.62	36.62	0.34	41.84
4.877	30.68	6.92	0.8	4.62	36.98	0.35	41.84
4.895	30.68	6.92	0.8	4.62	35.71	0.38	41.84
4.914	30.68	6.92	0.69	4.62	35.08	0.38	41.84
4.932	30.68	6.92	0.53	4.62	35.11	0.36	41.84
4.95	30.68	6.92	0.72	4.62	35.64	0.33	41.84
4.969	30.68	6.92	0.76	4.61	36.09	0.37	41.84
4.991	30.68	6.92	0.84	4.6	34.99	0.3	41.84
5.005	30.68	6.92	0.69	4.59	34.61	0.34	41.84
5.008	30.68	6.92	0.65	4.6	34.64	0.3	41.84
5.016	30.68	6.92	0.76	4.6	35.04	0.36	41.84
5.021	30.68	6.92	0.8	4.63	35.04	0.35	41.84
5.034	30.68	6.92	0.72	4.62	34.99	0.33	41.84
5.061	30.68	6.92	0.84	4.62	34.37	0.32	41.84
5.078	30.68	6.92	0.72	4.62	34.2	0.35	41.84
5.098	30.68	6.92	0.84	4.61	34.49	0.37	41.84
5.119	30.68	6.92	0.65	4.62	33.89	0.37	41.84
5.124	30.68	6.92	0.65	4.62	34.23	0.35	41.84
5.127	30.68	6.92	0.65	4.62	33.81	0.4	41.84

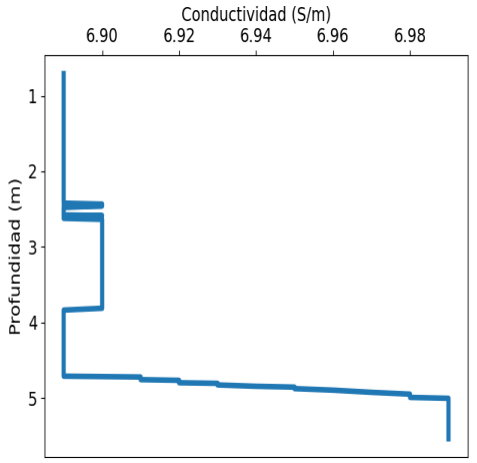
5.13	30.68	6.92	0.65	4.61	33.29	0.4	41.84
5.131	30.68	6.92	0.72	4.61	33.17	0.36	41.84
5.147	30.67	6.92	0.57	4.61	33.1	0.38	41.84
5.175	30.67	6.92	0.76	4.6	33.08	0.33	41.84
5.198	30.67	6.92	0.84	4.6	32.34	0.33	41.84
5.202	30.67	6.92	0.72	4.6	31.92	0.33	41.84
5.234	30.67	6.92	0.95	4.61	31.57	0.32	41.84
5.283	30.67	6.92	0.69	4.61	30.77	0.34	41.84
5.314	30.67	6.92	0.76	4.6	30.92	0.38	41.84
5.353	30.67	6.92	0.72	4.61	30.75	0.33	41.84
5.37	30.67	6.92	0.69	4.61	30.7	0.32	41.84
5.395	30.67	6.92	0.61	4.61	30.31	0.36	41.84
5.396	30.67	6.92	0.61	4.61	30.51	0.34	41.84
5.409	30.67	6.92	0.72	4.61	31.02	0.32	41.84
5.426	30.67	6.92	0.72	4.61	31.33	0.33	41.84
5.441	30.67	6.92	0.65	4.61	30.38	0.31	41.84
5.448	30.67	6.92	0.69	4.61	29.97	0.3	41.84
5.451	30.67	6.92	0.5	4.6	29.83	0.32	41.84
5.453	30.67	6.92	0.8	4.6	30.3	0.37	41.84
5.458	30.67	6.92	0.76	4.6	31.0	0.31	41.84
5.47	30.67	6.92	0.61	4.58	30.69	0.36	41.84
5.477	30.67	6.92	0.76	4.61	30.77	0.34	41.84
5.487	30.67	6.92	0.76	4.61	30.12	0.31	41.84
5.503	30.67	6.92	0.76	4.61	29.68	0.28	41.84
5.518	30.67	6.92	0.69	4.61	29.84	0.35	41.84
5.52	30.67	6.92	0.72	4.61	30.53	0.32	41.84
5.522	30.67	6.92	0.76	4.61	30.79	0.3	41.84
5.533	30.67	6.92	0.84	4.61	29.82	0.33	41.84
5.561	30.67	6.92	0.69	4.62	29.96	0.38	41.84
5.593	30.67	6.92	0.53	4.61	29.13	0.35	41.84
5.638	30.67	6.92	0.72	4.61	28.56	0.35	41.84
5.655	30.67	6.92	0.72	4.61	28.35	0.33	41.84
5.683	30.67	6.92	0.76	4.6	27.61	0.36	41.84
5.726	30.67	6.92	0.61	4.6	27.26	0.34	41.84
5.751	30.67	6.92	0.53	4.6	27.36	0.34	41.84
5.763	30.67	6.91	0.72	4.6	27.54	0.33	41.84
5.765	30.67	6.91	0.8	4.6	27.81	0.34	41.84
5.784	30.67	6.91	0.53	4.6	27.21	0.35	41.84
5.809	30.67	6.91	0.88	4.59	27.01	0.29	41.84
5.823	30.67	6.91	0.61	4.6	27.1	0.29	41.84
5.825	30.67	6.91	0.72	4.59	27.44	0.35	41.84
5.83	30.67	6.91	0.65	4.59	27.53	0.33	41.84
5.847	30.67	6.91	0.88	4.6	27.07	0.37	41.84
5.868	30.67	6.91	0.8	4.6	26.81	0.35	41.84
5.877	30.67	6.91	0.61	4.62	27.02	0.33	41.84
5.881	30.67	6.91	0.72	4.62	26.96	0.34	41.84
5.899	30.67	6.91	0.8	4.62	26.44	0.4	41.84
5.94	30.67	6.92	0.69	4.6	26.25	0.33	41.84
5.976	30.67	6.92	0.76	4.6	25.91	0.35	41.84
5.989	30.67	6.92	0.72	4.6	25.86	0.34	41.84
6.02	30.67	6.92	0.76	4.59	25.34	0.33	41.84
6.072	30.67	6.92	0.72	4.61	25.15	0.34	41.84
6.074	30.67	6.92	0.76	4.6	24.81	0.31	41.84
6.114	30.67	6.92	0.76	4.6	24.64	0.36	41.84
6.138	30.67	6.92	0.84	4.59	24.36	0.32	41.84
6.166	30.67	6.92	0.61	4.58	24.14	0.32	41.84
6.195	30.67	6.92	0.72	4.59	24.1	0.32	41.84
6.202	30.67	6.92	0.69	4.58	23.71	0.36	41.84

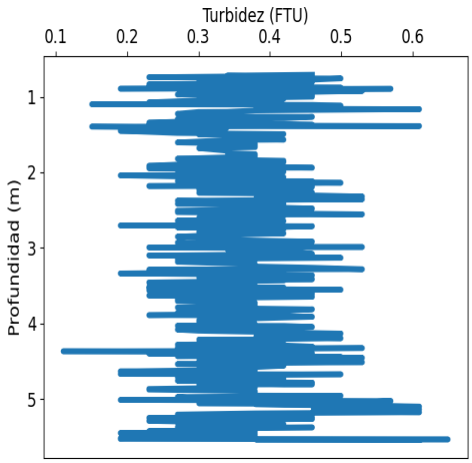
6.208	30.67	6.92	0.72	4.58	23.6	0.31	41.84
6.211	30.67	6.92	0.72	4.57	23.52	0.36	41.84
6.216	30.67	6.92	0.65	4.58	23.45	0.35	41.84
6.227	30.67	6.92	0.76	4.57	23.04	0.29	41.84
6.237	30.67	6.92	0.84	4.57	22.7	0.25	41.84
6.238	30.67	6.92	0.61	4.53	23.02	0.28	41.84
6.249	30.67	6.92	0.65	4.51	22.72	0.28	41.84
6.255	30.67	6.91	0.72	3.74	23.72	0.39	41.84
6.261	30.67	6.91	0.57	3.95	23.1	0.36	41.84
6.262	30.67	6.91	0.72	4.19	23.51	0.39	41.83
6.263	30.66	6.91	0.61	4.22	23.56	0.44	41.83
6.265	30.66	6.91	0.65	4.2	23.42	0.45	41.83
6.27	30.66	6.91	0.8	3.81	23.07	0.49	41.84
6.271	30.66	6.91	0.61	3.59	22.76	0.75	41.84
6.276	30.66	6.91	0.65	3.54	22.29	0.89	41.83
6.284	30.66	6.91	0.69	3.56	21.92	0.96	41.83
6.29	30.66	6.91	0.69	3.61	21.99	1.23	41.84

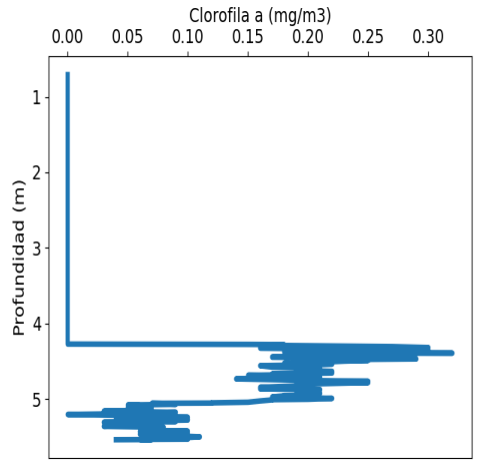
Nombre: CTD N01 - Punto 004 **Fecha: 01/08/2022** **Hora: 07:08:21**

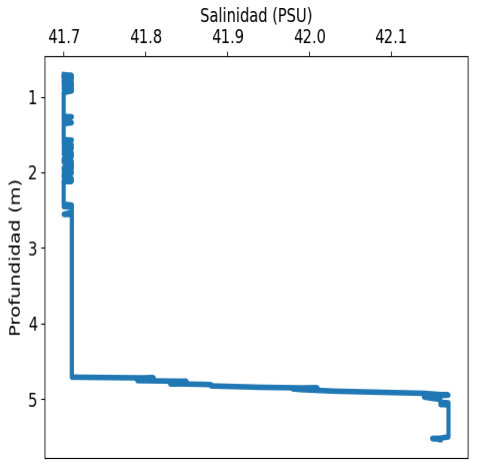


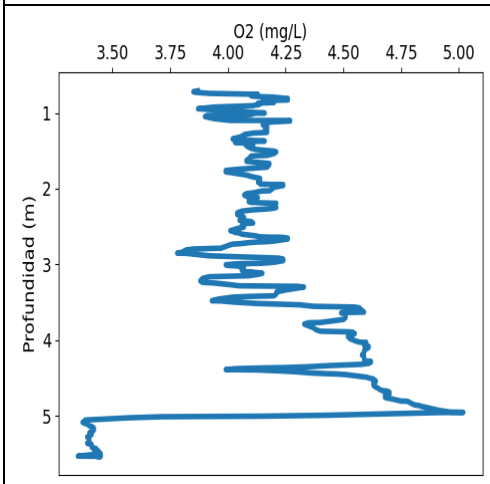


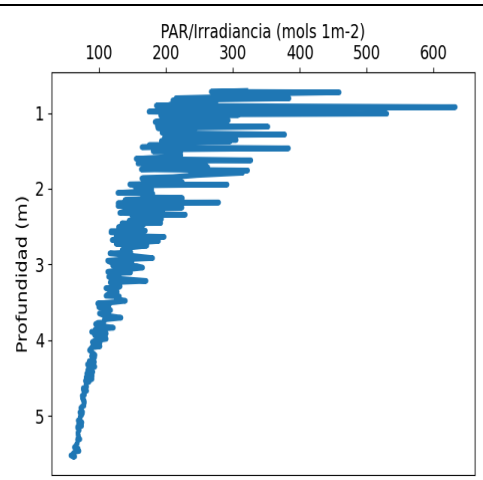












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.64	6.89	0.11	3.35	57.17	0.0	41.7
PROF (metros)	0.854	0.708	4.37	5.534	5.525	0.708	0.708
MÁXIMO	30.87	30.87	0.65	5.02	633.26	0.32	42.17
PROF (metros)	5.011	5.006	5.537	4.956	0.923	4.395	4.951

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.65	6.89	0.37	4.09	284.07	0.0	41.7
1 - 2m	30.65	6.89	0.35	4.12	228.1	0.0	41.7
2 - 3m	30.66	6.89	0.35	4.09	157.45	0.0	41.7
3 - 4m	30.67	6.9	0.36	4.26	117.12	0.0	41.71
4 - 5m	30.69	6.91	0.36	4.59	83.13	0.17	41.78
5 - 6m	30.87	6.99	0.38	3.44	67.49	0.08	42.17

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 5 - 6m con los valores 3.44 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)
0.708	30.65	6.89	0.46	3.87	319.77	0.0	41.7
0.72	30.65	6.89	0.34	3.85	267.2	0.0	41.71
0.728	30.65	6.89	0.38	3.86	459.49	0.0	41.7
0.742	30.65	6.89	0.23	3.92	363.75	0.0	41.7
0.754	30.65	6.89	0.38	4.13	316.6	0.0	41.7
0.758	30.65	6.89	0.5	4.12	293.7	0.0	41.71
0.775	30.65	6.89	0.46	4.1	357.57	0.0	41.7
0.785	30.65	6.89	0.3	4.14	317.26	0.0	41.7
0.792	30.65	6.89	0.34	4.2	273.78	0.0	41.7
0.805	30.65	6.89	0.46	4.24	214.59	0.0	41.7
0.808	30.65	6.89	0.38	4.26	384.38	0.0	41.71
0.829	30.65	6.89	0.3	4.26	223.73	0.0	41.7
0.835	30.65	6.89	0.23	4.18	209.72	0.0	41.7
0.837	30.65	6.89	0.38	4.16	213.75	0.0	41.7
0.841	30.65	6.89	0.27	4.15	229.46	0.0	41.71
0.854	30.64	6.89	0.34	4.19	275.05	0.0	41.71
0.863	30.64	6.89	0.23	4.2	222.18	0.0	41.71
0.871	30.64	6.89	0.38	4.13	256.58	0.0	41.71
0.88	30.64	6.89	0.5	4.14	226.13	0.0	41.7
0.894	30.64	6.89	0.19	4.13	204.44	0.0	41.7
0.895	30.64	6.89	0.57	4.12	260.23	0.0	41.71
0.904	30.64	6.89	0.38	4.11	185.01	0.0	41.71
0.923	30.64	6.89	0.53	3.94	633.26	0.0	41.71
0.945	30.65	6.89	0.42	3.87	187.47	0.0	41.7
0.971	30.65	6.89	0.27	4.01	316.53	0.0	41.7
0.983	30.65	6.89	0.46	4.06	174.11	0.0	41.7
1.001	30.65	6.89	0.46	4.16	297.4	0.0	41.7
1.007	30.65	6.89	0.42	4.09	239.23	0.0	41.7
1.01	30.65	6.89	0.42	4.11	530.74	0.0	41.7
1.021	30.65	6.89	0.34	4.1	240.17	0.0	41.7
1.028	30.65	6.89	0.42	4.06	308.27	0.0	41.7
1.034	30.65	6.89	0.3	3.91	191.55	0.0	41.7
1.048	30.65	6.89	0.3	3.9	233.26	0.0	41.7
1.075	30.65	6.89	0.23	3.94	216.34	0.0	41.7

1.099	30.65	6.89	0.27	4.01	293.49	0.0	41.7
1.1	30.65	6.89	0.15	4.27	214.09	0.0	41.7
1.107	30.65	6.89	0.46	4.27	189.21	0.0	41.7
1.119	30.65	6.89	0.5	4.19	183.17	0.0	41.7
1.13	30.65	6.89	0.42	4.17	213.79	0.0	41.7
1.156	30.65	6.89	0.38	4.15	221.77	0.0	41.7
1.165	30.65	6.89	0.61	4.16	186.47	0.0	41.7
1.182	30.65	6.89	0.38	4.17	352.79	0.0	41.7
1.199	30.65	6.89	0.34	4.16	187.29	0.0	41.7
1.201	30.65	6.89	0.3	4.17	187.86	0.0	41.7
1.226	30.65	6.89	0.27	4.17	242.92	0.0	41.7
1.257	30.65	6.89	0.3	4.17	234.24	0.0	41.7
1.261	30.65	6.89	0.3	4.14	193.56	0.0	41.7
1.266	30.65	6.89	0.46	4.11	202.74	0.0	41.71
1.286	30.65	6.89	0.42	4.07	377.85	0.0	41.7
1.296	30.65	6.89	0.27	4.07	213.65	0.0	41.7
1.32	30.65	6.89	0.3	4.05	197.18	0.0	41.7
1.344	30.65	6.89	0.23	4.02	223.01	0.0	41.71
1.357	30.65	6.89	0.38	4.07	305.29	0.0	41.7
1.371	30.65	6.89	0.46	4.16	192.49	0.0	41.7
1.376	30.65	6.89	0.23	4.12	296.09	0.0	41.7
1.388	30.65	6.89	0.61	4.03	214.74	0.0	41.7
1.396	30.65	6.89	0.15	4.06	230.74	0.0	41.7
1.414	30.65	6.89	0.34	4.09	218.35	0.0	41.7
1.423	30.65	6.89	0.3	4.11	204.35	0.0	41.7
1.425	30.65	6.89	0.27	4.1	174.43	0.0	41.7
1.428	30.65	6.89	0.23	4.1	240.73	0.0	41.7
1.436	30.65	6.89	0.3	4.08	220.74	0.0	41.7
1.452	30.65	6.89	0.19	4.09	163.66	0.0	41.7
1.467	30.65	6.89	0.23	4.1	383.58	0.0	41.7
1.481	30.65	6.89	0.27	4.12	214.79	0.0	41.7
1.494	30.65	6.89	0.42	4.16	195.09	0.0	41.7
1.501	30.65	6.89	0.3	4.19	200.97	0.0	41.7
1.506	30.65	6.89	0.38	4.2	180.27	0.0	41.7
1.514	30.65	6.89	0.34	4.21	222.39	0.0	41.7
1.536	30.65	6.89	0.38	4.2	202.13	0.0	41.7
1.56	30.65	6.89	0.38	4.17	222.49	0.0	41.7
1.569	30.65	6.89	0.42	4.1	219.93	0.0	41.7
1.574	30.65	6.89	0.34	4.1	218.55	0.0	41.71
1.606	30.65	6.89	0.27	4.09	154.8	0.0	41.7
1.626	30.65	6.89	0.38	4.08	327.27	0.0	41.7
1.639	30.65	6.89	0.38	4.08	158.91	0.0	41.71
1.668	30.65	6.89	0.38	4.18	157.55	0.0	41.7
1.681	30.65	6.89	0.3	4.18	256.52	0.0	41.71
1.716	30.65	6.89	0.34	4.17	262.65	0.0	41.7
1.745	30.65	6.89	0.34	4.04	162.52	0.0	41.71
1.76	30.65	6.89	0.38	3.99	322.45	0.0	41.7
1.778	30.65	6.89	0.38	3.99	236.15	0.0	41.71
1.791	30.65	6.89	0.38	4.02	314.77	0.0	41.71
1.821	30.65	6.89	0.27	4.08	246.55	0.0	41.7
1.847	30.65	6.89	0.42	4.11	210.21	0.0	41.7
1.858	30.65	6.89	0.42	4.13	165.45	0.0	41.71
1.866	30.65	6.89	0.42	4.14	163.32	0.0	41.7
1.885	30.65	6.89	0.3	4.14	200.13	0.0	41.71
1.915	30.65	6.89	0.23	4.13	224.72	0.0	41.71
1.94	30.65	6.89	0.46	4.14	167.85	0.0	41.7
1.944	30.65	6.89	0.3	4.19	145.31	0.0	41.71
1.946	30.65	6.89	0.23	4.24	291.66	0.0	41.71

1.959	30.65	6.89	0.42	4.24	151.33	0.0	41.7
1.976	30.65	6.89	0.3	4.21	170.87	0.0	41.7
1.993	30.65	6.89	0.42	4.19	154.41	0.0	41.71
2.011	30.65	6.89	0.27	4.19	178.93	0.0	41.71
2.029	30.65	6.89	0.34	4.18	170.63	0.0	41.7
2.03	30.65	6.89	0.34	4.15	172.46	0.0	41.7
2.042	30.65	6.89	0.19	4.13	154.37	0.0	41.7
2.056	30.65	6.89	0.27	4.11	127.48	0.0	41.7
2.066	30.65	6.89	0.42	4.08	180.52	0.0	41.7
2.084	30.65	6.89	0.38	4.07	176.3	0.0	41.71
2.115	30.65	6.89	0.27	4.09	164.15	0.0	41.7
2.118	30.65	6.89	0.46	4.13	202.7	0.0	41.71
2.125	30.66	6.89	0.38	4.11	224.72	0.0	41.7
2.14	30.66	6.89	0.5	4.11	166.22	0.0	41.7
2.152	30.66	6.89	0.34	4.1	138.06	0.0	41.7
2.16	30.66	6.89	0.34	4.09	190.14	0.0	41.7
2.173	30.66	6.89	0.42	4.09	174.07	0.0	41.7
2.182	30.66	6.89	0.23	4.1	175.2	0.0	41.7
2.183	30.66	6.89	0.42	4.12	279.03	0.0	41.7
2.186	30.66	6.89	0.34	4.13	192.66	0.0	41.7
2.193	30.66	6.89	0.46	4.2	127.77	0.0	41.7
2.194	30.66	6.89	0.34	4.21	177.65	0.0	41.7
2.206	30.66	6.89	0.3	4.2	139.47	0.0	41.7
2.229	30.66	6.89	0.3	4.2	127.71	0.0	41.7
2.25	30.66	6.89	0.38	4.21	224.2	0.0	41.7
2.262	30.66	6.89	0.38	4.19	164.42	0.0	41.7
2.268	30.66	6.89	0.46	4.17	143.6	0.0	41.7
2.272	30.66	6.89	0.3	4.15	196.22	0.0	41.7
2.28	30.66	6.89	0.38	4.11	176.01	0.0	41.7
2.297	30.66	6.89	0.42	4.06	138.15	0.0	41.7
2.321	30.66	6.89	0.53	4.04	130.31	0.0	41.7
2.344	30.66	6.89	0.38	4.04	229.14	0.0	41.7
2.357	30.66	6.89	0.53	4.06	148.48	0.0	41.7
2.377	30.66	6.89	0.27	4.07	179.76	0.0	41.7
2.401	30.66	6.89	0.42	4.06	193.56	0.0	41.7
2.418	30.66	6.89	0.27	4.05	171.34	0.0	41.7
2.422	30.66	6.89	0.3	4.06	144.47	0.0	41.7
2.435	30.66	6.9	0.42	4.1	154.55	0.0	41.71
2.455	30.66	6.89	0.42	4.11	192.35	0.0	41.7
2.459	30.66	6.9	0.38	4.08	133.59	0.0	41.71
2.48	30.66	6.89	0.46	4.06	166.41	0.0	41.71
2.508	30.66	6.89	0.27	4.07	128.37	0.0	41.71
2.529	30.66	6.89	0.27	4.04	141.26	0.0	41.71
2.556	30.66	6.89	0.53	4.01	169.41	0.0	41.7
2.56	30.66	6.89	0.46	4.02	163.24	0.0	41.71
2.561	30.66	6.89	0.38	4.02	117.46	0.0	41.71
2.578	30.66	6.89	0.42	4.03	117.13	0.0	41.71
2.586	30.66	6.9	0.34	4.05	136.72	0.0	41.71
2.601	30.66	6.89	0.3	4.06	166.3	0.0	41.71
2.624	30.66	6.89	0.38	4.12	135.83	0.0	41.71
2.637	30.66	6.9	0.34	4.14	197.5	0.0	41.71
2.641	30.66	6.9	0.34	4.18	124.58	0.0	41.71
2.642	30.66	6.9	0.27	4.22	154.95	0.0	41.71
2.645	30.66	6.9	0.42	4.24	137.64	0.0	41.71
2.654	30.66	6.9	0.3	4.26	136.53	0.0	41.71
2.666	30.66	6.9	0.3	4.26	138.47	0.0	41.71
2.679	30.66	6.9	0.3	4.23	118.94	0.0	41.71
2.692	30.66	6.9	0.27	4.2	188.99	0.0	41.71

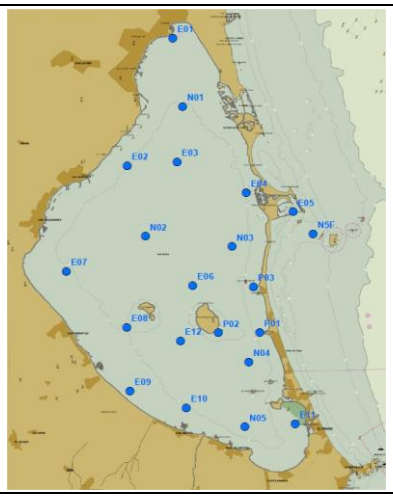
2.701	30.67	6.9	0.3	4.17	173.5	0.0	41.71
2.705	30.67	6.9	0.19	4.13	134.64	0.0	41.71
2.714	30.67	6.9	0.46	4.09	158.14	0.0	41.71
2.725	30.67	6.9	0.42	4.06	155.77	0.0	41.71
2.728	30.67	6.9	0.27	4.05	124.87	0.0	41.71
2.733	30.67	6.9	0.34	4.02	135.27	0.0	41.71
2.753	30.67	6.9	0.42	4.0	171.54	0.0	41.71
2.787	30.67	6.9	0.3	3.97	136.72	0.0	41.71
2.798	30.67	6.9	0.3	3.85	138.66	0.0	41.71
2.809	30.67	6.9	0.42	3.82	133.93	0.0	41.71
2.841	30.67	6.9	0.3	3.8	147.62	0.0	41.71
2.853	30.67	6.9	0.27	3.78	124.24	0.0	41.71
2.855	30.67	6.9	0.3	3.82	115.65	0.0	41.71
2.888	30.67	6.9	0.3	3.92	150.21	0.0	41.71
2.918	30.67	6.9	0.46	4.22	180.18	0.0	41.71
2.931	30.67	6.9	0.27	4.24	146.12	0.0	41.71
2.952	30.67	6.9	0.3	4.24	112.19	0.0	41.71
2.973	30.67	6.9	0.27	4.2	116.86	0.0	41.71
2.987	30.67	6.9	0.27	4.14	149.37	0.0	41.71
2.99	30.67	6.9	0.53	4.08	134.21	0.0	41.71
2.995	30.67	6.9	0.23	4.03	126.68	0.0	41.71
3.006	30.67	6.9	0.42	3.99	136.05	0.0	41.71
3.015	30.67	6.9	0.38	4.0	119.63	0.0	41.71
3.022	30.67	6.9	0.34	4.04	156.06	0.0	41.71
3.044	30.67	6.9	0.42	4.07	165.26	0.0	41.71
3.081	30.67	6.9	0.46	4.06	127.65	0.0	41.71
3.099	30.67	6.9	0.27	4.07	112.32	0.0	41.71
3.1	30.67	6.9	0.23	4.1	125.37	0.0	41.71
3.108	30.67	6.9	0.46	4.12	147.21	0.0	41.71
3.119	30.67	6.9	0.34	4.15	122.1	0.0	41.71
3.133	30.67	6.9	0.5	4.13	130.19	0.0	41.71
3.151	30.67	6.9	0.27	4.09	124.15	0.0	41.71
3.164	30.67	6.9	0.38	3.92	113.63	0.0	41.71
3.186	30.67	6.9	0.27	3.89	122.35	0.0	41.71
3.219	30.67	6.9	0.38	3.88	170.39	0.0	41.71
3.239	30.67	6.9	0.38	3.89	116.03	0.0	41.71
3.247	30.67	6.9	0.38	3.94	120.86	0.0	41.71
3.263	30.67	6.9	0.46	3.99	120.16	0.0	41.71
3.284	30.67	6.9	0.53	4.05	125.34	0.0	41.71
3.29	30.67	6.9	0.23	4.24	120.27	0.0	41.71
3.291	30.67	6.9	0.38	4.3	131.62	0.0	41.71
3.3	30.67	6.9	0.38	4.33	130.07	0.0	41.71
3.315	30.67	6.9	0.42	4.3	109.5	0.0	41.71
3.339	30.67	6.9	0.19	4.25	118.86	0.0	41.71
3.365	30.67	6.9	0.46	4.21	127.21	0.0	41.71
3.392	30.67	6.9	0.3	4.21	113.82	0.0	41.71
3.416	30.67	6.9	0.46	4.2	109.72	0.0	41.71
3.424	30.67	6.9	0.42	4.1	130.46	0.0	41.71
3.434	30.67	6.9	0.42	4.02	129.68	0.0	41.71
3.459	30.67	6.9	0.23	3.96	125.22	0.0	41.71
3.482	30.67	6.9	0.3	3.93	139.44	0.0	41.71
3.484	30.67	6.9	0.3	3.97	137.99	0.0	41.71
3.5	30.67	6.9	0.38	4.03	122.27	0.0	41.71
3.518	30.67	6.9	0.23	4.13	97.22	0.0	41.71
3.526	30.67	6.9	0.42	4.22	115.7	0.0	41.71
3.535	30.67	6.9	0.23	4.31	106.25	0.0	41.71
3.555	30.67	6.9	0.5	4.37	114.53	0.0	41.71
3.565	30.67	6.9	0.23	4.55	98.88	0.0	41.71

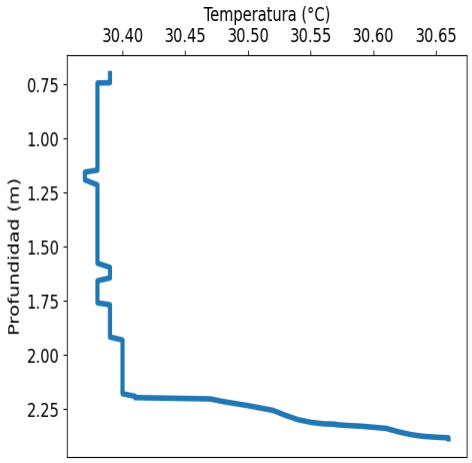
3.576	30.67	6.9	0.42	4.57	112.53	0.0	41.71
3.606	30.67	6.9	0.46	4.58	117.33	0.0	41.71
3.632	30.67	6.9	0.23	4.59	106.34	0.0	41.71
3.637	30.67	6.9	0.38	4.5	114.0	0.0	41.71
3.642	30.67	6.9	0.3	4.49	109.29	0.0	41.71
3.644	30.67	6.9	0.3	4.5	106.32	0.0	41.71
3.649	30.67	6.9	0.46	4.51	99.82	0.0	41.71
3.671	30.67	6.9	0.27	4.51	105.85	0.0	41.71
3.706	30.67	6.9	0.27	4.51	132.88	0.0	41.71
3.729	30.66	6.9	0.38	4.5	107.26	0.0	41.71
3.769	30.66	6.9	0.34	4.4	107.21	0.0	41.71
3.772	30.66	6.9	0.38	4.35	97.99	0.0	41.71
3.79	30.66	6.9	0.27	4.33	94.03	0.0	41.71
3.814	30.66	6.9	0.46	4.35	102.31	0.0	41.71
3.838	30.66	6.89	0.42	4.37	121.45	0.0	41.71
3.861	30.66	6.89	0.27	4.38	93.51	0.0	41.71
3.884	30.66	6.89	0.3	4.4	95.72	0.0	41.71
3.892	30.66	6.89	0.23	4.52	88.06	0.0	41.71
3.896	30.66	6.89	0.38	4.54	90.08	0.0	41.71
3.914	30.66	6.89	0.46	4.55	110.82	0.0	41.71
3.934	30.66	6.89	0.38	4.54	106.39	0.0	41.71
3.935	30.66	6.89	0.38	4.54	92.67	0.0	41.71
3.937	30.66	6.89	0.38	4.52	96.1	0.0	41.71
3.958	30.66	6.89	0.3	4.52	109.34	0.0	41.71
3.985	30.66	6.89	0.3	4.53	110.69	0.0	41.71
4.01	30.66	6.89	0.38	4.55	92.64	0.0	41.71
4.028	30.66	6.89	0.3	4.57	89.19	0.0	41.71
4.032	30.66	6.89	0.27	4.59	96.21	0.0	41.71
4.033	30.66	6.89	0.42	4.6	101.55	0.0	41.71
4.048	30.66	6.89	0.46	4.59	90.19	0.0	41.71
4.072	30.66	6.89	0.38	4.59	92.04	0.0	41.71
4.083	30.66	6.89	0.27	4.61	101.48	0.0	41.71
4.099	30.66	6.89	0.3	4.61	88.39	0.0	41.71
4.135	30.66	6.89	0.5	4.59	85.03	0.0	41.71
4.171	30.66	6.89	0.38	4.59	90.33	0.0	41.71
4.198	30.66	6.89	0.5	4.58	93.96	0.0	41.71
4.213	30.66	6.89	0.38	4.59	87.94	0.0	41.71
4.214	30.66	6.89	0.3	4.59	91.43	0.0	41.71
4.229	30.66	6.89	0.42	4.59	93.46	0.0	41.71
4.254	30.66	6.89	0.3	4.59	90.38	0.0	41.71
4.275	30.66	6.89	0.38	4.59	92.13	0.0	41.71
4.279	30.66	6.89	0.3	4.61	84.56	0.15	41.71
4.282	30.66	6.89	0.27	4.62	86.18	0.18	41.71
4.292	30.66	6.89	0.42	4.62	93.16	0.17	41.71
4.308	30.66	6.89	0.46	4.61	88.35	0.27	41.71
4.321	30.66	6.89	0.27	4.58	81.99	0.3	41.71
4.328	30.66	6.89	0.53	4.52	82.16	0.16	41.71
4.338	30.66	6.89	0.42	4.44	92.07	0.21	41.71
4.353	30.66	6.89	0.27	4.35	93.81	0.3	41.71
4.364	30.66	6.89	0.38	4.25	88.12	0.26	41.71
4.37	30.66	6.89	0.11	4.14	85.8	0.3	41.71
4.378	30.66	6.89	0.3	4.04	88.86	0.18	41.71
4.39	30.66	6.89	0.34	3.99	85.52	0.24	41.71
4.395	30.66	6.89	0.27	4.09	85.98	0.32	41.71
4.396	30.66	6.89	0.46	4.13	82.32	0.23	41.71
4.4	30.66	6.89	0.23	4.16	82.87	0.29	41.71
4.409	30.66	6.89	0.3	4.23	86.12	0.26	41.71
4.421	30.66	6.89	0.38	4.3	90.8	0.28	41.71

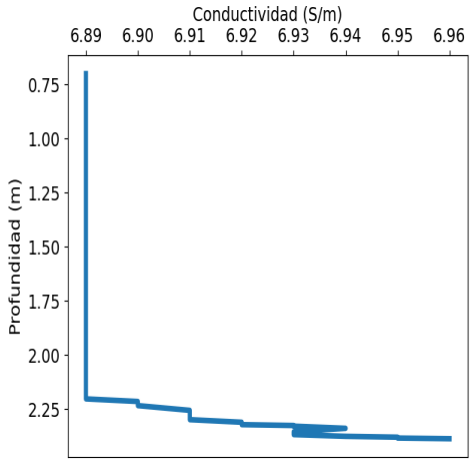
4.435	30.66	6.89	0.27	4.36	85.43	0.27	41.71
4.444	30.66	6.89	0.5	4.42	80.82	0.17	41.71
4.449	30.66	6.89	0.3	4.47	82.43	0.17	41.71
4.457	30.66	6.89	0.53	4.51	89.33	0.22	41.71
4.472	30.66	6.89	0.42	4.55	89.77	0.29	41.71
4.484	30.66	6.89	0.46	4.58	82.2	0.2	41.71
4.491	30.66	6.89	0.38	4.6	79.95	0.25	41.71
4.501	30.66	6.89	0.3	4.61	82.35	0.23	41.71
4.515	30.66	6.89	0.53	4.63	89.58	0.21	41.71
4.528	30.66	6.89	0.38	4.63	85.74	0.18	41.71
4.537	30.65	6.89	0.38	4.64	79.54	0.19	41.71
4.54	30.65	6.89	0.27	4.63	78.77	0.22	41.71
4.547	30.65	6.89	0.42	4.63	82.89	0.21	41.71
4.553	30.65	6.89	0.42	4.63	85.05	0.19	41.71
4.554	30.65	6.89	0.34	4.64	83.86	0.19	41.71
4.561	30.65	6.89	0.42	4.63	81.8	0.16	41.71
4.58	30.65	6.89	0.38	4.63	79.84	0.17	41.71
4.601	30.65	6.89	0.3	4.63	80.94	0.21	41.71
4.619	30.65	6.89	0.38	4.64	81.48	0.2	41.71
4.622	30.65	6.89	0.3	4.64	80.77	0.19	41.71
4.636	30.65	6.89	0.19	4.65	75.67	0.22	41.71
4.658	30.65	6.89	0.38	4.66	75.74	0.22	41.71
4.67	30.65	6.89	0.3	4.67	79.23	0.17	41.71
4.671	30.65	6.89	0.19	4.68	81.48	0.21	41.71
4.675	30.65	6.89	0.5	4.69	77.27	0.21	41.71
4.688	30.65	6.89	0.3	4.7	76.88	0.15	41.71
4.713	30.65	6.89	0.27	4.7	77.36	0.21	41.71
4.724	30.69	6.91	0.38	4.68	78.26	0.16	41.81
4.736	30.7	6.91	0.42	4.68	74.04	0.14	41.79
4.759	30.7	6.91	0.27	4.68	74.54	0.21	41.79
4.768	30.72	6.92	0.38	4.69	74.89	0.25	41.85
4.772	30.73	6.92	0.3	4.7	74.49	0.22	41.84
4.785	30.73	6.92	0.46	4.72	76.8	0.25	41.85
4.8	30.73	6.92	0.38	4.74	77.54	0.21	41.83
4.807	30.73	6.93	0.42	4.75	76.01	0.2	41.87
4.808	30.74	6.93	0.46	4.77	75.99	0.19	41.87
4.812	30.74	6.93	0.3	4.78	77.93	0.2	41.88
4.829	30.75	6.93	0.34	4.79	78.1	0.19	41.88
4.847	30.75	6.94	0.38	4.8	76.96	0.16	41.94
4.858	30.76	6.95	0.3	4.81	76.86	0.18	42.01
4.868	30.78	6.95	0.23	4.83	77.43	0.16	41.98
4.878	30.78	6.95	0.23	4.84	74.06	0.21	41.99
4.898	30.79	6.96	0.38	4.87	71.98	0.19	42.03
4.927	30.8	6.97	0.38	4.91	73.53	0.21	42.14
4.951	30.82	6.98	0.38	4.96	75.46	0.2	42.17
4.956	30.85	6.98	0.38	5.02	70.61	0.18	42.16
4.959	30.86	6.98	0.5	4.91	71.28	0.18	42.15
4.975	30.86	6.98	0.27	4.69	74.85	0.17	42.14
4.994	30.86	6.98	0.3	4.43	73.77	0.22	42.15
5.006	30.86	6.99	0.3	4.16	71.28	0.2	42.16
5.011	30.87	6.99	0.38	3.91	71.46	0.17	42.16
5.014	30.87	6.99	0.19	3.71	71.74	0.17	42.16
5.028	30.87	6.99	0.57	3.57	71.35	0.16	42.16
5.045	30.87	6.99	0.53	3.46	70.56	0.15	42.16
5.053	30.87	6.99	0.46	3.41	71.17	0.12	42.17
5.056	30.87	6.99	0.46	3.39	71.78	0.12	42.17
5.059	30.87	6.99	0.3	3.38	69.05	0.07	42.17
5.064	30.87	6.99	0.38	3.38	68.02	0.08	42.17

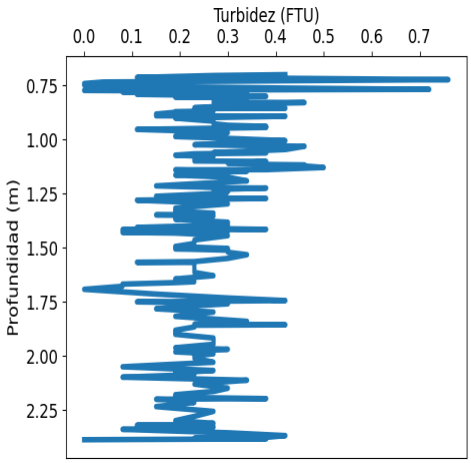
5.073	30.87	6.99	0.38	3.38	68.7	0.09	42.16
5.081	30.87	6.99	0.42	3.38	72.55	0.05	42.17
5.088	30.87	6.99	0.53	3.37	74.42	0.06	42.17
5.093	30.87	6.99	0.57	3.38	71.2	0.06	42.17
5.102	30.87	6.99	0.61	3.38	68.78	0.07	42.17
5.11	30.87	6.99	0.46	3.39	68.75	0.05	42.17
5.135	30.87	6.99	0.57	3.4	73.99	0.05	42.17
5.14	30.87	6.99	0.61	3.41	70.48	0.05	42.17
5.147	30.87	6.99	0.5	3.41	67.24	0.07	42.17
5.163	30.87	6.99	0.46	3.42	67.28	0.03	42.17
5.178	30.87	6.99	0.61	3.42	70.05	0.09	42.17
5.191	30.87	6.99	0.38	3.42	70.38	0.07	42.17
5.207	30.87	6.99	0.27	3.41	69.0	0.0	42.17
5.224	30.87	6.99	0.27	3.4	67.68	0.07	42.17
5.235	30.87	6.99	0.27	3.41	67.8	0.07	42.17
5.244	30.87	6.99	0.46	3.41	67.8	0.1	42.17
5.252	30.87	6.99	0.23	3.41	68.45	0.04	42.17
5.257	30.87	6.99	0.27	3.4	69.1	0.07	42.17
5.266	30.87	6.99	0.46	3.4	68.56	0.1	42.17
5.281	30.87	6.99	0.3	3.39	68.3	0.1	42.17
5.292	30.87	6.99	0.23	3.4	68.61	0.06	42.17
5.3	30.87	6.99	0.27	3.4	70.05	0.09	42.17
5.31	30.87	6.99	0.38	3.4	71.35	0.03	42.17
5.311	30.87	6.99	0.3	3.4	67.36	0.05	42.17
5.315	30.87	6.99	0.27	3.4	67.11	0.07	42.17
5.336	30.87	6.99	0.42	3.4	67.86	0.06	42.17
5.364	30.87	6.99	0.38	3.39	67.21	0.03	42.17
5.374	30.87	6.99	0.27	3.4	66.12	0.07	42.17
5.378	30.87	6.99	0.46	3.41	66.54	0.08	42.17
5.396	30.87	6.99	0.3	3.41	64.77	0.07	42.17
5.418	30.87	6.99	0.3	3.41	62.34	0.07	42.17
5.428	30.87	6.99	0.23	3.42	64.53	0.1	42.17
5.434	30.87	6.99	0.38	3.43	68.69	0.06	42.17
5.452	30.87	6.99	0.19	3.42	64.49	0.1	42.17
5.467	30.87	6.99	0.38	3.44	70.02	0.06	42.17
5.476	30.87	6.99	0.23	3.44	63.44	0.07	42.17
5.503	30.87	6.99	0.38	3.45	60.34	0.11	42.17
5.521	30.87	6.99	0.19	3.39	60.1	0.09	42.16
5.525	30.87	6.99	0.19	3.38	57.17	0.09	42.15
5.531	30.87	6.99	0.19	3.36	59.29	0.09	42.16
5.534	30.87	6.99	0.38	3.35	62.53	0.1	42.16
5.536	30.87	6.99	0.42	3.45	60.66	0.06	42.16
5.537	30.87	6.99	0.65	3.45	60.93	0.06	42.16
5.539	30.87	6.99	0.38	3.44	63.64	0.07	42.16
5.541	30.87	6.99	0.61	3.44	62.49	0.04	42.16

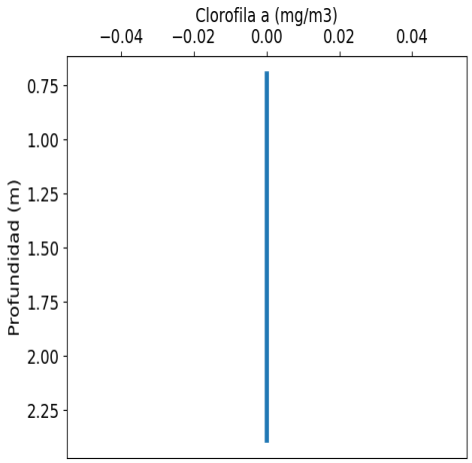
Nombre: CTD E01 - Punto 005 **Fecha: 01/08/2022** **Hora: 07:08:46**

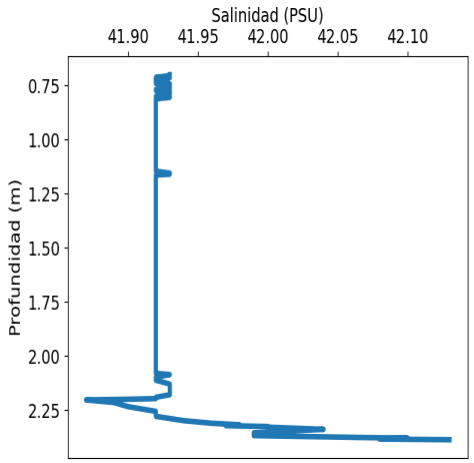


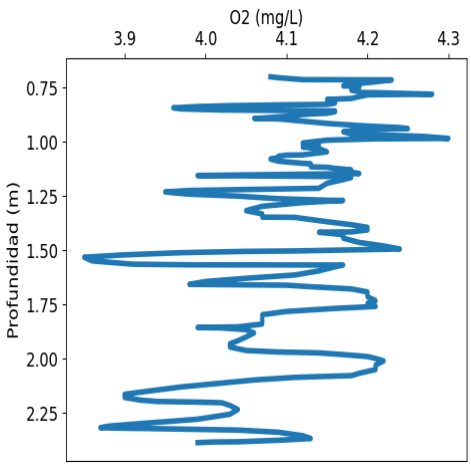


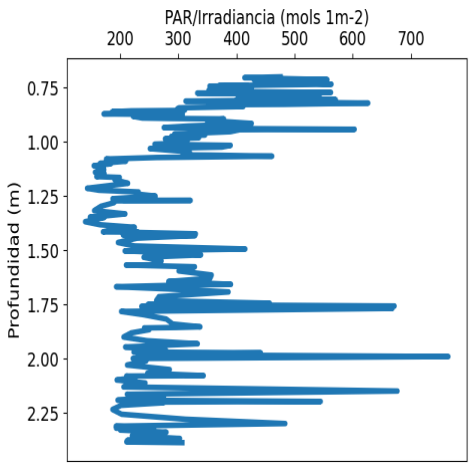


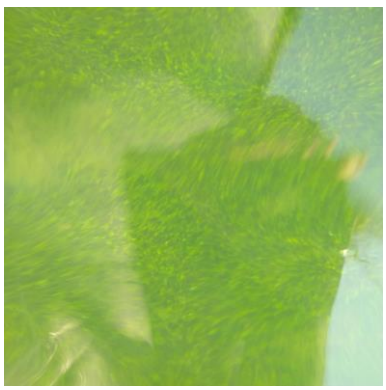












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.37	6.89	0.0	3.85	138.99	0.0	41.87
PROF (metros)	1.155	0.7	0.741	1.532	1.368	0.7	2.203
MÁXIMO	30.66	30.66	0.76	4.3	764.93	0.0	42.13
PROF (metros)	2.383	2.387	0.723	0.984	1.99	0.7	2.387

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	30.38	6.89	0.28	4.15	374.25	0.0	41.92
1 - 2m	30.38	6.89	0.26	4.11	256.34	0.0	41.92
2 - 3m	30.5	6.91	0.24	4.03	265.36	0.0	41.95

OBSERVACIONES GENERALES

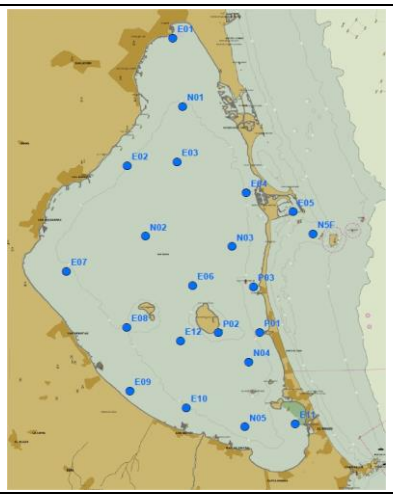
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	30.39	6.89	0.42	4.08	476.07	0.0	41.93
0.704	30.39	6.89	0.27	4.09	413.21	0.0	41.93
0.713	30.39	6.89	0.11	4.12	556.69	0.0	41.92
0.714	30.39	6.89	0.27	4.23	429.52	0.0	41.93
0.723	30.39	6.89	0.76	4.21	461.41	0.0	41.92
0.734	30.39	6.89	0.04	4.18	563.71	0.0	41.92
0.741	30.39	6.89	0.0	4.17	369.02	0.0	41.92
0.742	30.39	6.89	0.0	4.17	420.65	0.0	41.93
0.743	30.38	6.89	0.0	4.19	353.2	0.0	41.93
0.748	30.38	6.89	0.0	4.19	426.84	0.0	41.93
0.754	30.38	6.89	0.11	4.18	404.59	0.0	41.93
0.762	30.38	6.89	0.42	4.18	351.49	0.0	41.93
0.768	30.38	6.89	0.72	4.19	388.95	0.0	41.92
0.772	30.38	6.89	0.0	4.19	562.92	0.0	41.92
0.773	30.38	6.89	0.0	4.21	509.52	0.0	41.92
0.775	30.38	6.89	0.19	4.23	332.01	0.0	41.93
0.78	30.38	6.89	0.08	4.28	544.07	0.0	41.93
0.782	30.38	6.89	0.19	4.22	466.24	0.0	41.93
0.783	30.38	6.89	0.34	4.2	421.63	0.0	41.93
0.791	30.38	6.89	0.11	4.19	537.8	0.0	41.93
0.8	30.38	6.89	0.38	4.18	428.62	0.0	41.92
0.804	30.38	6.89	0.19	4.15	399.92	0.0	41.93
0.805	30.38	6.89	0.34	4.15	570.94	0.0	41.93
0.812	30.38	6.89	0.27	4.16	311.87	0.0	41.92
0.821	30.38	6.89	0.34	4.16	626.98	0.0	41.92
0.827	30.38	6.89	0.27	4.15	481.29	0.0	41.92
0.829	30.38	6.89	0.46	4.1	351.49	0.0	41.92
0.833	30.38	6.89	0.38	4.03	360.15	0.0	41.92
0.837	30.38	6.89	0.38	3.99	411.97	0.0	41.92
0.843	30.38	6.89	0.27	3.96	300.65	0.0	41.92
0.848	30.38	6.89	0.27	3.97	297.53	0.0	41.92
0.853	30.38	6.89	0.23	4.02	311.58	0.0	41.92
0.855	30.38	6.89	0.42	4.09	308.06	0.0	41.92
0.857	30.38	6.89	0.23	4.16	219.06	0.0	41.92
0.861	30.38	6.89	0.23	4.16	185.52	0.0	41.92
0.868	30.38	6.89	0.27	4.15	235.27	0.0	41.92
0.871	30.38	6.89	0.19	4.13	170.87	0.0	41.92
0.874	30.38	6.89	0.19	4.12	307.7	0.0	41.92
0.882	30.38	6.89	0.15	4.1	221.41	0.0	41.92

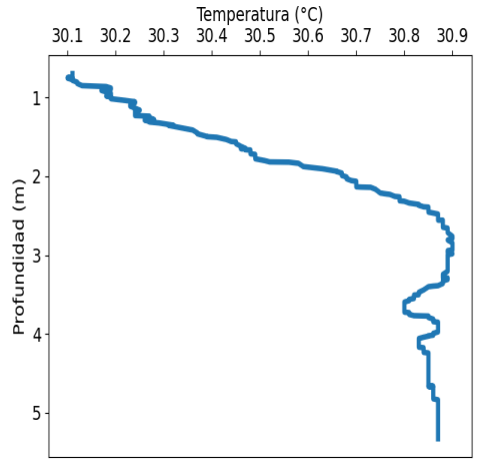
0.89	30.38	6.89	0.15	4.07	237.74	0.0	41.92
0.892	30.38	6.89	0.42	4.06	286.5	0.0	41.92
0.894	30.38	6.89	0.38	4.09	378.64	0.0	41.92
0.901	30.38	6.89	0.19	4.11	348.49	0.0	41.92
0.915	30.38	6.89	0.27	4.15	426.44	0.0	41.92
0.927	30.38	6.89	0.27	4.2	316.31	0.0	41.92
0.934	30.38	6.89	0.3	4.24	274.41	0.0	41.92
0.939	30.38	6.89	0.38	4.25	415.51	0.0	41.92
0.942	30.38	6.89	0.27	4.2	603.6	0.0	41.92
0.944	30.38	6.89	0.38	4.19	405.43	0.0	41.92
0.953	30.38	6.89	0.11	4.17	389.4	0.0	41.92
0.964	30.38	6.89	0.27	4.18	292.47	0.0	41.92
0.968	30.38	6.89	0.3	4.22	346.31	0.0	41.92
0.975	30.38	6.89	0.27	4.27	287.23	0.0	41.92
0.981	30.38	6.89	0.27	4.29	335.49	0.0	41.92
0.984	30.38	6.89	0.19	4.3	301.7	0.0	41.92
0.986	30.38	6.89	0.19	4.21	276.52	0.0	41.92
0.992	30.38	6.89	0.27	4.15	316.31	0.0	41.92
1.005	30.38	6.89	0.42	4.12	305.93	0.0	41.92
1.011	30.38	6.89	0.3	4.12	258.49	0.0	41.92
1.016	30.38	6.89	0.3	4.14	390.22	0.0	41.92
1.024	30.38	6.89	0.23	4.12	374.88	0.0	41.92
1.031	30.38	6.89	0.46	4.14	250.46	0.0	41.92
1.046	30.38	6.89	0.42	4.15	319.77	0.0	41.92
1.06	30.38	6.89	0.27	4.12	306.78	0.0	41.92
1.061	30.38	6.89	0.38	4.1	354.43	0.0	41.92
1.066	30.38	6.89	0.23	4.09	461.62	0.0	41.92
1.072	30.38	6.89	0.19	4.09	262.47	0.0	41.92
1.079	30.38	6.89	0.27	4.08	175.12	0.0	41.92
1.089	30.38	6.89	0.23	4.09	209.96	0.0	41.92
1.099	30.38	6.89	0.23	4.12	164.76	0.0	41.92
1.101	30.38	6.89	0.38	4.13	183.98	0.0	41.92
1.11	30.38	6.89	0.3	4.13	153.84	0.0	41.92
1.115	30.38	6.89	0.38	4.13	171.07	0.0	41.92
1.117	30.38	6.89	0.46	4.15	159.91	0.0	41.92
1.122	30.38	6.89	0.46	4.16	171.9	0.0	41.92
1.129	30.38	6.89	0.5	4.18	172.42	0.0	41.92
1.139	30.38	6.89	0.38	4.17	166.91	0.0	41.92
1.14	30.38	6.89	0.19	4.18	155.96	0.0	41.92
1.146	30.38	6.89	0.34	4.19	173.02	0.0	41.92
1.155	30.37	6.89	0.23	3.99	167.46	0.0	41.93
1.16	30.37	6.89	0.23	4.17	158.43	0.0	41.93
1.164	30.37	6.89	0.19	4.18	199.3	0.0	41.92
1.174	30.37	6.89	0.3	4.17	189.7	0.0	41.92
1.191	30.37	6.89	0.34	4.15	213.6	0.0	41.92
1.214	30.38	6.89	0.15	4.14	142.34	0.0	41.92
1.223	30.38	6.89	0.3	4.0	163.24	0.0	41.92
1.224	30.38	6.89	0.38	3.98	171.74	0.0	41.92
1.231	30.38	6.89	0.27	3.95	231.81	0.0	41.92
1.241	30.38	6.89	0.3	3.98	229.77	0.0	41.92
1.25	30.38	6.89	0.27	4.04	260.89	0.0	41.92
1.262	30.38	6.89	0.15	4.09	186.25	0.0	41.92
1.269	30.38	6.89	0.3	4.15	205.39	0.0	41.92
1.27	30.38	6.89	0.23	4.17	321.26	0.0	41.92
1.272	30.38	6.89	0.38	4.16	187.38	0.0	41.92
1.28	30.38	6.89	0.11	4.12	189.7	0.0	41.92
1.297	30.38	6.89	0.3	4.07	166.41	0.0	41.92
1.317	30.38	6.89	0.19	4.05	154.55	0.0	41.92

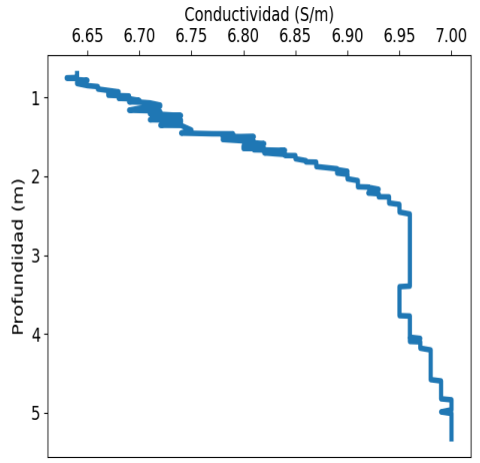
1.332	30.38	6.89	0.19	4.07	208.9	0.0	41.92
1.34	30.38	6.89	0.27	4.07	178.77	0.0	41.92
1.347	30.38	6.89	0.19	4.07	147.28	0.0	41.92
1.348	30.38	6.89	0.15	4.11	173.02	0.0	41.92
1.353	30.38	6.89	0.27	4.12	165.87	0.0	41.92
1.368	30.38	6.89	0.19	4.15	138.99	0.0	41.92
1.382	30.38	6.89	0.3	4.18	164.76	0.0	41.92
1.394	30.38	6.89	0.3	4.2	225.14	0.0	41.92
1.406	30.38	6.89	0.11	4.2	183.38	0.0	41.92
1.415	30.38	6.89	0.38	4.18	169.76	0.0	41.92
1.416	30.38	6.89	0.08	4.15	230.52	0.0	41.92
1.417	30.38	6.89	0.27	4.14	217.8	0.0	41.92
1.424	30.38	6.89	0.3	4.16	330.24	0.0	41.92
1.429	30.38	6.89	0.08	4.17	204.11	0.0	41.92
1.432	30.38	6.89	0.19	4.17	329.02	0.0	41.92
1.444	30.38	6.89	0.3	4.17	228.92	0.0	41.92
1.464	30.38	6.89	0.23	4.19	195.54	0.0	41.92
1.48	30.38	6.89	0.23	4.22	224.35	0.0	41.92
1.494	30.38	6.89	0.19	4.24	415.42	0.0	41.92
1.503	30.38	6.89	0.3	4.11	207.16	0.0	41.92
1.505	30.38	6.89	0.19	4.05	228.87	0.0	41.92
1.511	30.38	6.89	0.3	3.97	280.91	0.0	41.92
1.521	30.38	6.89	0.3	3.9	339.24	0.0	41.92
1.532	30.38	6.89	0.34	3.85	239.73	0.0	41.92
1.549	30.38	6.89	0.3	3.86	271.25	0.0	41.92
1.564	30.38	6.89	0.23	3.91	261.01	0.0	41.92
1.567	30.38	6.89	0.11	3.98	250.99	0.0	41.92
1.568	30.38	6.89	0.23	4.17	209.33	0.0	41.92
1.576	30.38	6.89	0.23	4.16	328.64	0.0	41.92
1.595	30.39	6.89	0.23	4.14	299.96	0.0	41.92
1.614	30.39	6.89	0.23	4.11	357.49	0.0	41.92
1.629	30.39	6.89	0.27	4.05	355.01	0.0	41.92
1.644	30.39	6.89	0.19	4.0	282.28	0.0	41.92
1.657	30.38	6.89	0.23	3.98	390.76	0.0	41.92
1.661	30.38	6.89	0.19	4.1	298.43	0.0	41.92
1.668	30.38	6.89	0.08	4.13	192.31	0.0	41.92
1.678	30.38	6.89	0.08	4.18	280.98	0.0	41.92
1.692	30.38	6.89	0.0	4.2	386.53	0.0	41.92
1.714	30.38	6.89	0.15	4.2	266.02	0.0	41.92
1.732	30.38	6.89	0.3	4.21	261.38	0.0	41.92
1.744	30.38	6.89	0.42	4.2	457.47	0.0	41.92
1.75	30.38	6.89	0.11	4.2	246.95	0.0	41.92
1.757	30.38	6.89	0.3	4.21	672.28	0.0	41.92
1.759	30.38	6.89	0.3	4.21	235.82	0.0	41.92
1.768	30.39	6.89	0.23	4.16	668.56	0.0	41.92
1.782	30.39	6.89	0.15	4.1	201.01	0.0	41.92
1.797	30.39	6.89	0.27	4.07	239.73	0.0	41.92
1.817	30.39	6.89	0.19	4.07	279.1	0.0	41.92
1.84	30.39	6.89	0.34	4.07	290.31	0.0	41.92
1.853	30.39	6.89	0.23	4.04	337.99	0.0	41.92
1.856	30.39	6.89	0.42	3.99	295.27	0.0	41.92
1.858	30.39	6.89	0.23	4.02	240.56	0.0	41.92
1.866	30.39	6.89	0.23	4.05	250.12	0.0	41.92
1.881	30.39	6.89	0.19	4.06	218.55	0.0	41.92
1.9	30.39	6.89	0.19	4.05	205.15	0.0	41.92
1.917	30.39	6.89	0.27	4.04	245.98	0.0	41.92
1.931	30.4	6.89	0.27	4.03	333.55	0.0	41.92
1.946	30.4	6.89	0.27	4.03	207.98	0.0	41.92

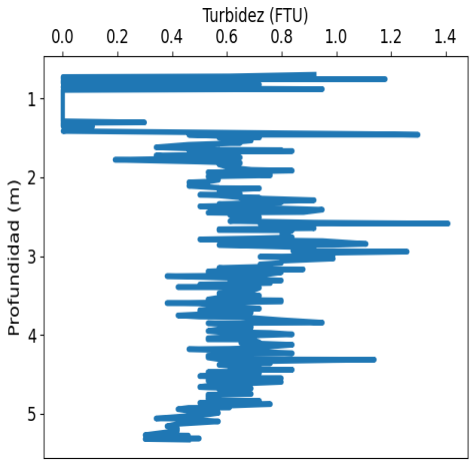
1.962	30.4	6.89	0.19	4.05	279.16	0.0	41.92
1.969	30.4	6.89	0.3	4.09	222.49	0.0	41.92
1.973	30.4	6.89	0.27	4.14	442.14	0.0	41.92
1.981	30.4	6.89	0.19	4.17	229.93	0.0	41.92
1.99	30.4	6.89	0.27	4.2	764.93	0.0	41.92
1.999	30.4	6.89	0.23	4.21	221.0	0.0	41.92
2.01	30.4	6.89	0.23	4.22	244.9	0.0	41.92
2.029	30.4	6.89	0.27	4.21	211.23	0.0	41.92
2.05	30.4	6.89	0.08	4.21	285.38	0.0	41.92
2.067	30.4	6.89	0.27	4.19	246.09	0.0	41.92
2.078	30.4	6.89	0.19	4.18	343.75	0.0	41.92
2.08	30.4	6.89	0.23	4.16	209.96	0.0	41.92
2.086	30.4	6.89	0.23	4.11	226.65	0.0	41.93
2.098	30.4	6.89	0.08	4.06	193.38	0.0	41.92
2.112	30.4	6.89	0.34	4.02	243.48	0.0	41.92
2.13	30.4	6.89	0.23	3.97	205.06	0.0	41.93
2.149	30.4	6.89	0.3	3.93	677.29	0.0	41.93
2.164	30.4	6.89	0.27	3.9	210.99	0.0	41.93
2.179	30.4	6.89	0.19	3.9	275.43	0.0	41.93
2.191	30.41	6.89	0.19	3.92	194.86	0.0	41.92
2.197	30.41	6.89	0.38	3.94	545.2	0.0	41.92
2.2	30.44	6.89	0.15	3.99	248.79	0.0	41.9
2.203	30.47	6.89	0.19	4.02	274.6	0.0	41.87
2.215	30.48	6.9	0.23	4.03	201.38	0.0	41.89
2.234	30.5	6.9	0.15	4.04	186.12	0.0	41.9
2.256	30.52	6.91	0.27	4.03	202.23	0.0	41.92
2.279	30.53	6.91	0.23	3.99	312.08	0.0	41.92
2.299	30.54	6.91	0.19	3.92	484.2	0.0	41.94
2.311	30.55	6.92	0.27	3.88	191.91	0.0	41.96
2.318	30.56	6.92	0.23	3.87	247.69	0.0	41.98
2.32	30.57	6.92	0.11	3.89	192.22	0.0	41.97
2.322	30.57	6.92	0.23	3.93	258.37	0.0	41.97
2.326	30.58	6.93	0.27	3.99	236.36	0.0	42.0
2.329	30.59	6.93	0.27	4.04	199.57	0.0	42.0
2.339	30.61	6.94	0.08	4.09	279.68	0.0	42.04
2.355	30.62	6.93	0.3	4.12	219.57	0.0	41.99
2.368	30.63	6.93	0.42	4.13	302.96	0.0	41.99
2.376	30.64	6.94	0.38	4.09	211.77	0.0	42.06
2.38	30.65	6.95	0.23	4.06	301.21	0.0	42.1
2.383	30.66	6.95	0.38	4.04	210.01	0.0	42.08
2.384	30.66	6.95	0.3	4.01	213.35	0.0	42.08
2.387	30.66	6.96	0.0	3.99	306.99	0.0	42.13

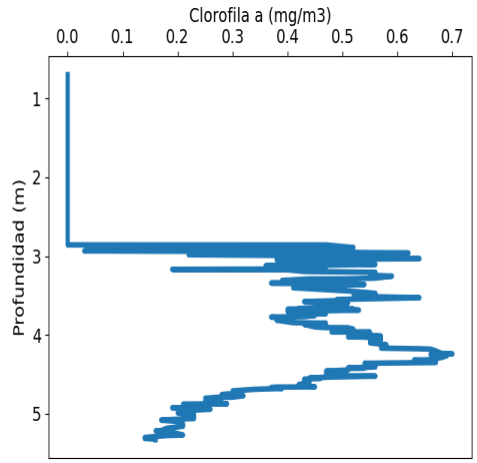
Nombre: CTD E04 - Punto 006 **Fecha: 01/08/2022** **Hora: 07:08:11**

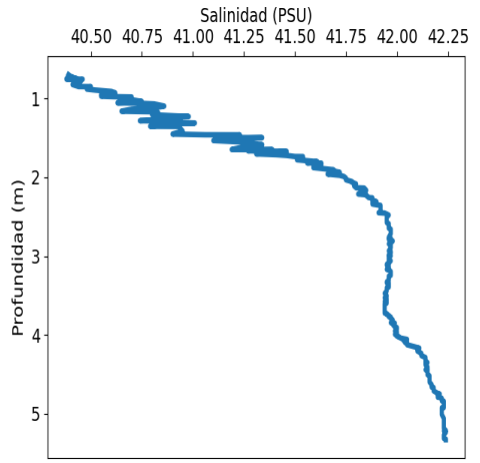


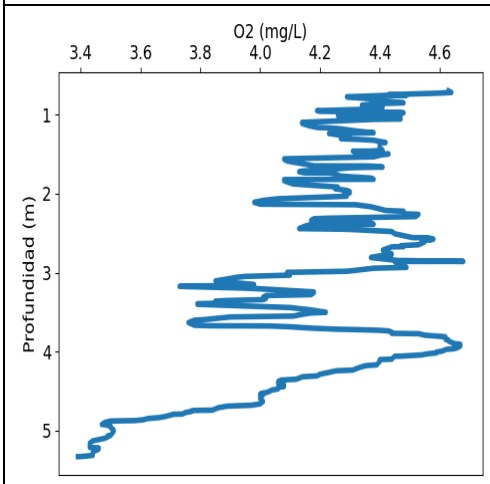


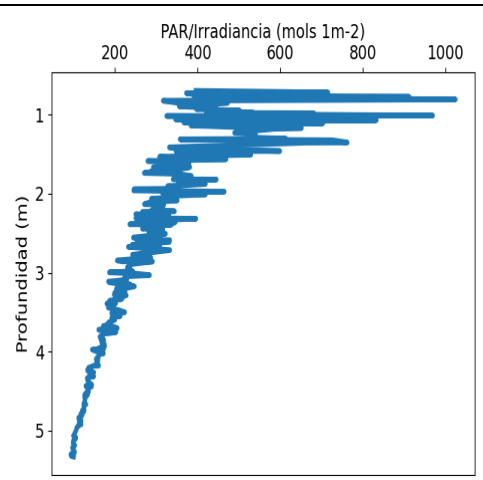












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.1	6.63	0.0	3.39	93.1	0.0	40.38
PROF (metros)	0.749	0.753	0.729	5.328	5.3	0.7	0.753
MÁXIMO	30.9	30.9	1.41	4.68	1023.6	0.7	42.24
PROF (metros)	2.762	4.835	2.588	2.858	0.809	4.241	5.212

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.12	6.64	0.81	4.48	454.52	0.0	40.41
1 - 2m	30.49	6.83	0.59	4.26	378.99	0.0	41.4
2 - 3m	30.83	6.94	0.73	4.36	286.68	0.05	41.91
3 - 4m	30.85	6.96	0.66	4.16	194.66	0.47	41.96
4 - 5m	30.85	6.98	0.63	4.02	133.86	0.46	42.15
5 - 6m	30.87	7.0	0.44	3.45	99.89	0.18	42.23

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 5 - 6m con los valores 3.45 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)
0.7	30.11	6.64	0.92	4.63	395.77	0.0	40.39
0.721	30.11	6.64	0.61	4.64	715.53	0.0	40.4
0.729	30.11	6.64	0.0	4.6	372.54	0.0	40.41
0.747	30.11	6.64	0.92	4.45	475.85	0.0	40.42
0.749	30.1	6.64	0.0	4.43	512.96	0.0	40.43
0.753	30.11	6.63	0.38	4.46	389.04	0.0	40.38
0.757	30.11	6.63	1.18	4.49	406.56	0.0	40.38
0.758	30.1	6.64	0.76	4.42	491.2	0.0	40.46
0.776	30.11	6.64	0.0	4.29	911.63	0.0	40.45
0.785	30.11	6.65	0.0	4.31	547.35	0.0	40.45
0.809	30.12	6.64	0.0	4.41	1023.6	0.0	40.44
0.825	30.12	6.64	0.72	4.41	316.53	0.0	40.41
0.851	30.13	6.65	0.0	4.48	350.67	0.0	40.44
0.852	30.13	6.65	0.0	4.48	472.99	0.0	40.5
0.864	30.18	6.66	0.0	4.38	435.53	0.0	40.48
0.883	30.19	6.66	0.95	4.34	445.64	0.0	40.48
0.895	30.19	6.66	0.0	4.39	355.17	0.0	40.52
0.913	30.17	6.67	0.0	4.41	418.32	0.0	40.6
0.931	30.18	6.68	0.0	4.38	397.15	0.0	40.62
0.951	30.19	6.67	0.0	4.19	502.02	0.0	40.55
0.959	30.19	6.67	0.0	4.2	424.86	0.0	40.56
0.973	30.19	6.67	0.0	4.46	533.45	0.0	40.55
0.979	30.19	6.68	0.0	4.48	420.75	0.0	40.61
0.983	30.18	6.69	0.0	4.37	681.07	0.0	40.7
0.997	30.19	6.69	0.0	4.34	530.74	0.0	40.67
1.013	30.19	6.68	0.0	4.26	968.71	0.0	40.64
1.018	30.19	6.69	0.0	4.29	324.93	0.0	40.7
1.04	30.22	6.7	0.0	4.47	774.2	0.0	40.75
1.057	30.24	6.69	0.0	4.47	679.49	0.0	40.63
1.061	30.23	6.7	0.0	4.38	346.47	0.0	40.72
1.071	30.24	6.71	0.0	4.32	832.46	0.0	40.81
1.099	30.23	6.72	0.0	4.14	366.29	0.0	40.86
1.112	30.23	6.72	0.0	4.14	703.04	0.0	40.83
1.138	30.24	6.7	0.0	4.16	383.49	0.0	40.7

1.163	30.25	6.69	0.0	4.19	518.7	0.0	40.65
1.17	30.24	6.71	0.0	4.23	651.58	0.0	40.79
1.181	30.24	6.72	0.0	4.27	583.92	0.0	40.83
1.208	30.24	6.71	0.0	4.32	530.62	0.0	40.8
1.231	30.24	6.74	0.0	4.38	489.04	0.0	40.98
1.239	30.27	6.73	0.0	4.23	525.84	0.0	40.91
1.257	30.27	6.73	0.0	4.26	540.42	0.0	40.9
1.284	30.28	6.71	0.0	4.3	538.8	0.0	40.74
1.29	30.26	6.74	0.0	4.29	528.53	0.0	40.94
1.306	30.27	6.73	0.3	4.27	613.9	0.0	40.9
1.313	30.27	6.74	0.0	4.32	357.4	0.0	41.01
1.325	30.29	6.73	0.0	4.38	725.72	0.0	40.89
1.354	30.32	6.72	0.0	4.42	762.1	0.0	40.79
1.356	30.31	6.74	0.11	4.4	660.24	0.0	40.93
1.415	30.36	6.75	0.0	4.4	331.47	0.0	40.95
1.453	30.37	6.74	1.14	4.41	507.05	0.0	40.9
1.462	30.37	6.77	1.3	4.37	599.14	0.0	41.06
1.463	30.37	6.79	0.46	4.31	347.28	0.0	41.23
1.497	30.39	6.78	0.72	4.36	434.02	0.0	41.15
1.499	30.39	6.81	0.57	4.43	359.15	0.0	41.34
1.507	30.41	6.79	0.61	4.41	529.02	0.0	41.23
1.535	30.43	6.78	0.69	4.38	307.63	0.0	41.1
1.56	30.44	6.81	0.61	4.08	377.23	0.0	41.29
1.565	30.45	6.8	0.65	4.08	469.17	0.0	41.27
1.588	30.45	6.82	0.46	4.09	279.29	0.0	41.34
1.621	30.46	6.8	0.34	4.14	379.51	0.0	41.24
1.649	30.47	6.8	0.57	4.18	326.74	0.0	41.19
1.651	30.46	6.82	0.57	4.36	363.42	0.0	41.39
1.656	30.47	6.81	0.8	4.39	352.06	0.0	41.31
1.665	30.47	6.81	0.46	4.41	381.45	0.0	41.27
1.668	30.48	6.82	0.84	4.35	292.41	0.0	41.35
1.673	30.48	6.84	0.65	4.3	375.58	0.0	41.46
1.688	30.48	6.83	0.57	4.25	355.34	0.0	41.38
1.704	30.48	6.82	0.5	4.2	299.47	0.0	41.31
1.715	30.48	6.83	0.53	4.14	357.32	0.0	41.41
1.724	30.49	6.84	0.34	4.13	285.05	0.0	41.46
1.738	30.49	6.84	0.38	4.15	311.58	0.0	41.5
1.739	30.49	6.85	0.53	4.23	270.75	0.0	41.54
1.75	30.49	6.85	0.65	4.25	353.69	0.0	41.54
1.779	30.49	6.85	0.19	4.27	385.36	0.0	41.51
1.803	30.51	6.86	0.5	4.37	345.83	0.0	41.61
1.819	30.52	6.86	0.65	4.38	340.5	0.0	41.56
1.822	30.56	6.87	0.65	4.08	445.64	0.0	41.63
1.837	30.58	6.87	0.57	4.08	351.9	0.0	41.63
1.878	30.59	6.87	0.61	4.11	419.29	0.0	41.59
1.906	30.63	6.89	0.69	4.22	327.35	0.0	41.69
1.917	30.64	6.89	0.84	4.26	353.28	0.0	41.68
1.938	30.66	6.9	0.53	4.25	352.79	0.0	41.72
1.943	30.66	6.89	0.61	4.26	246.61	0.0	41.7
1.96	30.67	6.89	0.69	4.29	245.12	0.0	41.66
1.976	30.67	6.9	0.76	4.3	464.73	0.0	41.72
1.991	30.67	6.9	0.53	4.3	314.55	0.0	41.74
2.01	30.68	6.9	0.57	4.28	419.29	0.0	41.75
2.033	30.68	6.9	0.57	4.29	322.6	0.0	41.75
2.056	30.69	6.91	0.53	4.12	316.82	0.0	41.78
2.065	30.7	6.91	0.46	4.06	288.1	0.0	41.78
2.086	30.7	6.91	0.53	4.01	351.16	0.0	41.8
2.11	30.7	6.91	0.46	3.98	284.45	0.0	41.79

2.134	30.7	6.91	0.57	4.0	271.0	0.0	41.8
2.138	30.71	6.92	0.57	4.16	301.21	0.0	41.84
2.141	30.73	6.92	0.72	4.32	318.52	0.0	41.84
2.166	30.74	6.93	0.57	4.37	316.45	0.0	41.85
2.213	30.75	6.92	0.65	4.42	288.03	0.0	41.81
2.223	30.76	6.93	0.5	4.48	344.39	0.0	41.85
2.231	30.77	6.93	0.57	4.48	266.33	0.0	41.85
2.256	30.78	6.93	0.65	4.48	269.62	0.0	41.86
2.261	30.79	6.93	0.72	4.52	331.32	0.0	41.87
2.262	30.79	6.94	0.65	4.53	250.12	0.0	41.88
2.291	30.79	6.94	0.92	4.52	312.81	0.0	41.88
2.311	30.79	6.94	0.72	4.23	250.23	0.0	41.9
2.318	30.8	6.94	0.8	4.18	396.32	0.0	41.88
2.34	30.81	6.94	0.57	4.17	276.52	0.0	41.88
2.358	30.83	6.95	0.65	4.34	346.55	0.0	41.92
2.369	30.83	6.95	0.5	4.37	344.07	0.0	41.92
2.388	30.84	6.95	0.65	4.38	235.71	0.0	41.92
2.392	30.85	6.95	0.76	4.17	337.05	0.0	41.92
2.412	30.85	6.95	0.95	4.15	294.24	0.0	41.92
2.443	30.85	6.95	0.88	4.13	266.27	0.0	41.92
2.45	30.85	6.95	0.53	4.27	308.27	0.0	41.91
2.455	30.85	6.95	0.65	4.31	316.6	0.0	41.94
2.48	30.87	6.96	0.61	4.44	281.5	0.0	41.96
2.508	30.87	6.96	0.72	4.45	322.75	0.0	41.95
2.557	30.87	6.96	0.61	4.51	244.44	0.0	41.95
2.558	30.88	6.96	0.65	4.56	311.0	0.0	41.95
2.575	30.88	6.96	0.92	4.58	288.84	0.0	41.95
2.588	30.88	6.96	1.41	4.57	253.38	0.0	41.96
2.589	30.88	6.96	0.72	4.54	332.86	0.0	41.96
2.612	30.88	6.96	0.88	4.55	331.78	0.0	41.96
2.647	30.88	6.96	0.92	4.53	241.51	0.0	41.96
2.659	30.89	6.96	0.57	4.47	308.49	0.0	41.97
2.671	30.89	6.96	0.57	4.48	242.75	0.0	41.97
2.674	30.89	6.96	0.84	4.44	232.34	0.0	41.97
2.715	30.89	6.96	0.8	4.41	333.01	0.0	41.97
2.762	30.9	6.96	0.84	4.44	261.26	0.0	41.96
2.774	30.9	6.96	0.72	4.44	242.19	0.0	41.97
2.788	30.9	6.96	0.5	4.4	254.33	0.0	41.96
2.809	30.89	6.96	0.95	4.37	287.17	0.0	41.98
2.846	30.9	6.96	1.11	4.46	205.3	0.0	41.96
2.858	30.9	6.96	0.99	4.68	217.95	0.0	41.97
2.859	30.9	6.96	0.57	4.45	291.39	0.47	41.97
2.892	30.9	6.96	0.92	4.46	240.56	0.52	41.97
2.934	30.9	6.96	0.84	4.49	229.93	0.03	41.96
2.944	30.89	6.96	1.26	4.38	235.16	0.4	41.97
2.962	30.89	6.96	0.92	4.34	236.97	0.62	41.97
2.983	30.9	6.96	0.99	4.29	243.37	0.22	41.96
2.997	30.89	6.96	0.95	4.09	186.34	0.49	41.97
3.009	30.89	6.96	0.72	4.1	244.56	0.48	41.96
3.032	30.89	6.96	0.99	4.1	284.12	0.64	41.96
3.048	30.89	6.96	0.88	3.95	224.46	0.38	41.96
3.06	30.89	6.96	0.8	3.92	223.37	0.42	41.97
3.087	30.89	6.96	0.8	3.88	229.3	0.49	41.96
3.105	30.89	6.96	0.72	3.85	203.35	0.56	41.95
3.113	30.89	6.96	0.76	3.86	184.19	0.49	41.95
3.123	30.89	6.96	0.76	3.89	187.03	0.36	41.96
3.136	30.89	6.96	0.72	3.94	203.83	0.47	41.96
3.15	30.89	6.96	0.57	3.98	237.57	0.43	41.96

3.164	30.89	6.96	0.61	3.98	225.66	0.41	41.96
3.168	30.89	6.96	0.88	3.76	225.71	0.19	41.95
3.174	30.89	6.96	0.65	3.73	247.58	0.4	41.96
3.195	30.89	6.96	0.53	3.94	226.5	0.43	41.97
3.205	30.89	6.96	0.8	4.0	203.21	0.56	41.97
3.244	30.88	6.96	0.72	4.18	224.98	0.55	41.97
3.254	30.88	6.96	0.38	4.18	199.43	0.59	41.96
3.279	30.88	6.96	0.65	4.17	198.05	0.56	41.96
3.288	30.88	6.96	0.69	4.04	227.87	0.51	41.96
3.29	30.89	6.96	0.65	4.02	226.13	0.44	41.96
3.309	30.89	6.96	0.8	4.01	205.53	0.39	41.96
3.327	30.88	6.96	0.61	4.02	218.05	0.49	41.95
3.338	30.88	6.96	0.76	4.01	215.34	0.49	41.95
3.342	30.88	6.96	0.76	4.01	205.96	0.37	41.96
3.353	30.88	6.96	0.61	3.89	188.38	0.52	41.96
3.36	30.88	6.96	0.5	3.85	186.12	0.54	41.96
3.388	30.87	6.96	0.61	3.85	202.56	0.43	41.96
3.393	30.86	6.96	0.42	3.79	180.18	0.48	41.96
3.401	30.85	6.95	0.72	3.79	198.42	0.41	41.95
3.442	30.84	6.95	0.69	4.1	183.6	0.51	41.95
3.472	30.83	6.95	0.57	4.17	206.97	0.56	41.94
3.502	30.83	6.95	0.72	4.22	223.99	0.55	41.95
3.507	30.82	6.95	0.65	4.19	209.96	0.52	41.95
3.511	30.82	6.95	0.65	4.17	192.08	0.53	41.95
3.528	30.82	6.95	0.57	4.14	192.98	0.64	41.94
3.55	30.82	6.95	0.53	4.11	213.45	0.49	41.95
3.561	30.81	6.95	0.8	3.9	198.28	0.51	41.95
3.577	30.81	6.95	0.8	3.86	191.82	0.43	41.94
3.596	30.8	6.95	0.38	3.81	200.13	0.51	41.95
3.602	30.8	6.95	0.5	3.78	198.05	0.47	41.94
3.632	30.8	6.95	0.57	3.76	184.28	0.49	41.94
3.666	30.8	6.95	0.72	3.78	180.52	0.42	41.94
3.672	30.8	6.95	0.65	3.83	176.91	0.52	41.94
3.673	30.8	6.95	0.61	3.87	187.99	0.46	41.94
3.674	30.8	6.95	0.65	3.97	178.97	0.4	41.94
3.675	30.8	6.95	0.69	4.03	171.62	0.44	41.94
3.685	30.8	6.95	0.5	4.1	196.32	0.53	41.94
3.702	30.8	6.95	0.5	4.17	206.15	0.4	41.94
3.715	30.8	6.95	0.69	4.25	171.26	0.43	41.94
3.723	30.8	6.95	0.61	4.34	160.5	0.42	41.94
3.73	30.81	6.95	0.53	4.4	168.27	0.47	41.95
3.738	30.81	6.95	0.5	4.43	179.97	0.43	41.95
3.752	30.81	6.95	0.42	4.44	203.12	0.45	41.96
3.768	30.82	6.95	0.5	4.44	184.75	0.43	41.96
3.773	30.85	6.96	0.65	4.53	169.76	0.37	41.97
3.791	30.85	6.96	0.72	4.55	171.54	0.41	41.97
3.812	30.86	6.96	0.8	4.62	163.43	0.38	41.98
3.844	30.86	6.96	0.95	4.62	166.18	0.41	41.97
3.851	30.87	6.96	0.53	4.63	173.5	0.47	41.99
3.866	30.87	6.96	0.65	4.63	167.57	0.43	41.98
3.898	30.87	6.96	0.69	4.65	174.31	0.45	41.99
3.906	30.87	6.96	0.69	4.67	168.16	0.47	42.0
3.909	30.87	6.96	0.65	4.67	173.78	0.51	42.0
3.928	30.87	6.96	0.57	4.67	175.85	0.52	42.0
3.95	30.87	6.96	0.53	4.66	166.91	0.49	41.99
3.962	30.87	6.96	0.57	4.65	159.06	0.48	42.0
3.964	30.87	6.96	0.65	4.64	168.39	0.55	42.0
3.967	30.87	6.96	0.65	4.64	173.3	0.52	42.0

3.968	30.87	6.96	0.69	4.63	160.43	0.52	42.0
3.974	30.87	6.96	0.76	4.62	145.04	0.51	42.0
3.992	30.86	6.96	0.84	4.61	153.94	0.52	41.99
4.005	30.86	6.96	0.72	4.59	161.66	0.54	42.0
4.015	30.86	6.96	0.69	4.59	169.64	0.57	42.0
4.023	30.85	6.96	0.61	4.57	172.66	0.51	42.01
4.027	30.85	6.96	0.61	4.56	164.76	0.54	42.01
4.041	30.84	6.96	0.53	4.54	161.92	0.57	42.02
4.057	30.83	6.97	0.53	4.47	161.06	0.57	42.05
4.058	30.83	6.96	0.69	4.45	160.35	0.55	42.03
4.095	30.83	6.96	0.72	4.44	154.3	0.55	42.04
4.1	30.83	6.97	0.65	4.4	159.61	0.55	42.05
4.124	30.83	6.97	0.84	4.4	158.73	0.58	42.05
4.167	30.83	6.97	0.69	4.39	152.74	0.57	42.11
4.175	30.84	6.97	0.61	4.36	161.21	0.64	42.1
4.18	30.84	6.97	0.46	4.35	148.31	0.66	42.1
4.203	30.84	6.98	0.65	4.33	136.53	0.67	42.1
4.233	30.84	6.98	0.84	4.31	133.52	0.68	42.12
4.241	30.85	6.98	0.57	4.26	134.08	0.7	42.12
4.245	30.85	6.98	0.69	4.25	135.96	0.66	42.12
4.262	30.85	6.98	0.53	4.23	149.27	0.69	42.12
4.286	30.85	6.98	0.53	4.2	146.16	0.68	42.14
4.307	30.85	6.98	0.57	4.19	138.09	0.66	42.14
4.313	30.85	6.98	1.14	4.16	149.2	0.67	42.14
4.319	30.85	6.98	0.99	4.14	139.02	0.63	42.14
4.336	30.85	6.98	0.69	4.13	132.63	0.67	42.14
4.349	30.85	6.98	0.69	4.12	135.17	0.67	42.15
4.359	30.85	6.98	0.76	4.07	133.62	0.54	42.14
4.378	30.85	6.98	0.57	4.06	136.56	0.56	42.14
4.405	30.85	6.98	0.65	4.06	140.77	0.56	42.15
4.418	30.85	6.98	0.72	4.08	144.44	0.51	42.15
4.42	30.85	6.98	0.69	4.08	142.54	0.54	42.15
4.425	30.85	6.98	0.65	4.08	133.25	0.51	42.15
4.435	30.85	6.98	0.65	4.07	129.41	0.51	42.15
4.441	30.85	6.98	0.84	4.08	143.74	0.51	42.14
4.444	30.85	6.98	0.61	4.07	140.48	0.51	42.15
4.458	30.85	6.98	0.72	4.06	132.63	0.47	42.15
4.471	30.85	6.98	0.53	4.06	134.61	0.5	42.15
4.485	30.85	6.98	0.72	4.04	133.68	0.47	42.15
4.504	30.85	6.98	0.61	4.03	137.0	0.5	42.15
4.518	30.85	6.98	0.53	4.02	133.34	0.51	42.16
4.522	30.85	6.98	0.5	4.01	130.71	0.56	42.16
4.533	30.85	6.98	0.61	4.0	128.16	0.48	42.16
4.545	30.85	6.98	0.72	4.0	126.56	0.44	42.16
4.549	30.85	6.98	0.8	4.01	134.11	0.46	42.16
4.561	30.85	6.98	0.57	4.0	127.65	0.43	42.16
4.579	30.85	6.98	0.53	4.0	126.36	0.44	42.16
4.596	30.85	6.99	0.8	4.0	128.69	0.44	42.16
4.629	30.85	6.99	0.57	4.01	126.94	0.42	42.17
4.658	30.85	6.99	0.5	4.0	124.41	0.45	42.17
4.661	30.86	6.99	0.5	4.0	126.62	0.38	42.17
4.666	30.85	6.99	0.53	3.99	130.4	0.37	42.18
4.678	30.86	6.99	0.69	3.97	124.41	0.39	42.18
4.689	30.86	6.99	0.57	3.89	124.93	0.34	42.18
4.709	30.86	6.99	0.65	3.86	125.08	0.3	42.18
4.74	30.86	6.99	0.61	3.84	126.12	0.3	42.2
4.743	30.86	6.99	0.65	3.78	120.91	0.31	42.2
4.748	30.86	6.99	0.69	3.77	124.58	0.29	42.21

4.756	30.86	6.99	0.53	3.77	125.05	0.28	42.2
4.77	30.86	6.99	0.53	3.75	120.35	0.32	42.2
4.789	30.86	6.99	0.53	3.74	117.16	0.3	42.2
4.791	30.86	6.99	0.57	3.71	119.13	0.27	42.21
4.803	30.86	6.99	0.57	3.7	121.31	0.25	42.22
4.822	30.86	6.99	0.53	3.68	116.3	0.26	42.22
4.835	30.87	7.0	0.72	3.66	112.22	0.26	42.22
4.84	30.87	7.0	0.61	3.64	111.96	0.25	42.23
4.849	30.87	7.0	0.61	3.62	114.93	0.28	42.23
4.861	30.87	7.0	0.5	3.61	117.68	0.25	42.23
4.872	30.87	7.0	0.53	3.58	118.78	0.29	42.23
4.877	30.87	7.0	0.76	3.5	113.13	0.21	42.23
4.896	30.87	7.0	0.61	3.48	117.13	0.22	42.23
4.921	30.87	7.0	0.61	3.47	118.67	0.21	42.23
4.923	30.87	7.0	0.46	3.48	112.04	0.19	42.22
4.941	30.87	7.0	0.42	3.5	112.04	0.26	42.22
4.961	30.87	7.0	0.46	3.5	107.61	0.21	42.22
4.988	30.87	6.99	0.57	3.51	106.96	0.2	42.22
5.008	30.87	7.0	0.53	3.51	104.9	0.23	42.22
5.059	30.87	7.0	0.34	3.5	100.75	0.23	42.23
5.064	30.87	7.0	0.5	3.49	99.32	0.21	42.23
5.08	30.87	7.0	0.5	3.49	105.36	0.17	42.23
5.096	30.87	7.0	0.57	3.48	105.9	0.2	42.23
5.128	30.87	7.0	0.42	3.44	99.29	0.21	42.23
5.157	30.87	7.0	0.38	3.43	98.51	0.21	42.23
5.183	30.87	7.0	0.42	3.43	103.4	0.18	42.23
5.212	30.87	7.0	0.42	3.43	100.64	0.17	42.24
5.216	30.87	7.0	0.42	3.46	97.04	0.16	42.23
5.233	30.87	7.0	0.38	3.46	98.4	0.19	42.24
5.269	30.87	7.0	0.3	3.44	103.14	0.21	42.23
5.275	30.87	7.0	0.46	3.44	98.83	0.18	42.23
5.3	30.87	7.0	0.46	3.44	93.1	0.14	42.23
5.311	30.87	7.0	0.46	3.44	100.03	0.14	42.23
5.312	30.87	7.0	0.5	3.44	94.8	0.14	42.23
5.32	30.87	7.0	0.3	3.42	94.44	0.16	42.24
5.327	30.87	7.0	0.46	3.4	99.75	0.16	42.24
5.328	30.87	7.0	0.46	3.39	100.4	0.16	42.24

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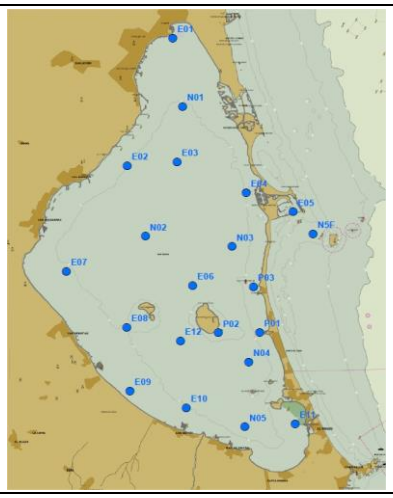
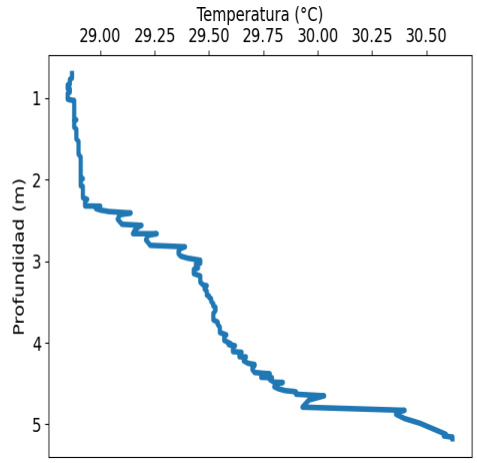
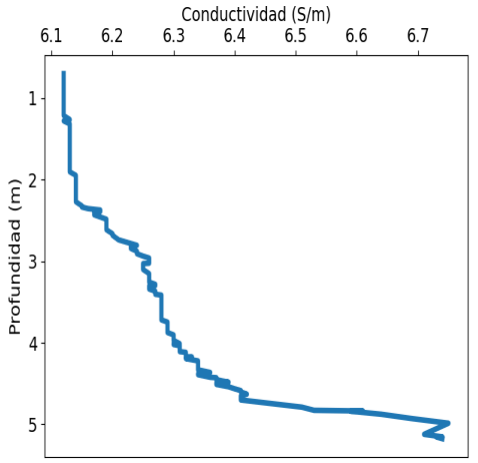
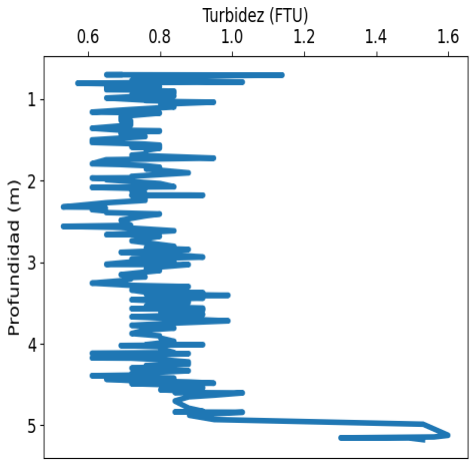
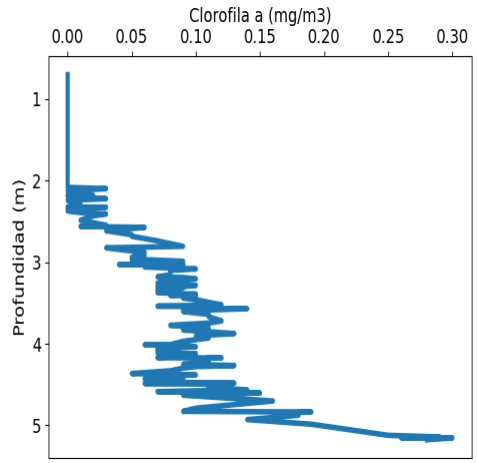
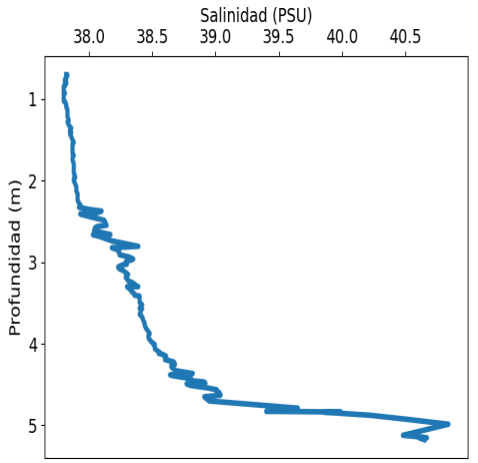


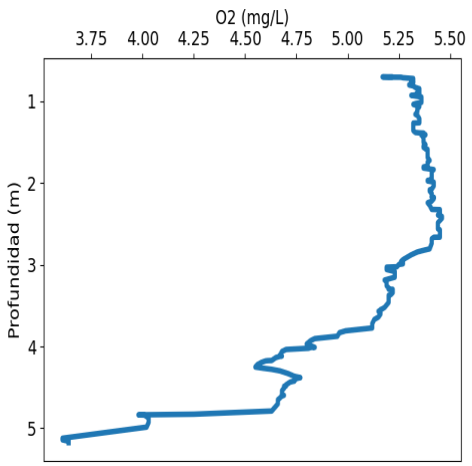


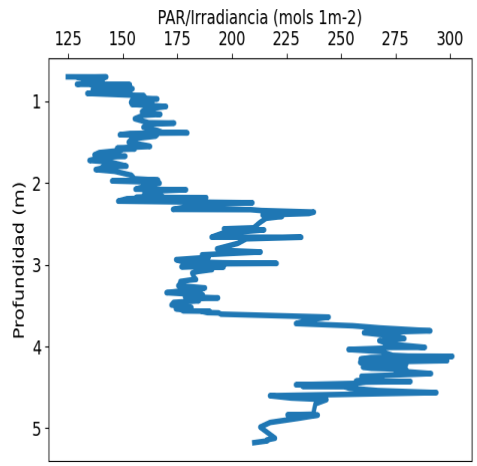


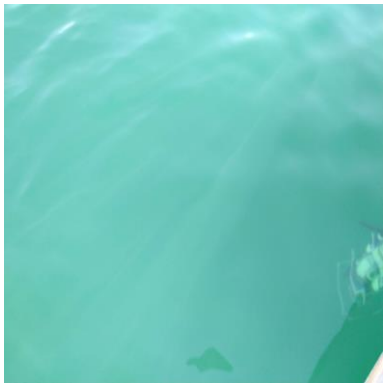












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.85	6.12	0.53	3.61	124.67	0.0	37.8
PROF (metros)	0.838	0.7	2.322	5.122	0.7	0.7	0.846
MÁXIMO	30.62	30.62	1.6	5.46	301.07	0.3	40.84
PROF (metros)	5.154	4.986	5.122	2.408	4.12	5.154	4.986

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	28.86	6.12	0.78	5.31	143.6	0.0	37.81
1 - 2m	28.89	6.13	0.74	5.37	155.44	0.0	37.86
2 - 3m	29.11	6.18	0.74	5.39	191.56	0.03	38.06
3 - 4m	29.5	6.27	0.8	5.15	201.36	0.09	38.37
4 - 5m	29.83	6.39	0.84	4.6	258.46	0.1	38.93
5 - 6m	30.6	6.73	1.5	3.63	215.66	0.27	40.6

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 5 - 6m con los valores 3.63 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)
0.7	28.87	6.12	0.69	5.21	124.67	0.0	37.82
0.701	28.87	6.12	0.65	5.17	142.44	0.0	37.82
0.704	28.87	6.12	0.99	5.2	136.31	0.0	37.82
0.705	28.87	6.12	1.14	5.26	129.05	0.0	37.83
0.711	28.87	6.12	1.03	5.27	141.26	0.0	37.83
0.721	28.87	6.12	0.84	5.32	136.88	0.0	37.82
0.752	28.87	6.12	0.88	5.32	131.95	0.0	37.82
0.755	28.87	6.12	0.8	5.31	140.77	0.0	37.81
0.771	28.86	6.12	0.72	5.32	132.81	0.0	37.81
0.791	28.86	6.12	1.03	5.31	128.84	0.0	37.82
0.796	28.86	6.12	0.8	5.3	153.27	0.0	37.81
0.8	28.86	6.12	0.69	5.3	135.55	0.0	37.81
0.805	28.86	6.12	0.57	5.31	137.9	0.0	37.81
0.811	28.86	6.12	0.65	5.32	138.12	0.0	37.82
0.83	28.86	6.12	0.69	5.33	140.41	0.0	37.81
0.838	28.85	6.12	0.72	5.34	141.39	0.0	37.81
0.846	28.85	6.12	0.8	5.35	154.48	0.0	37.8
0.858	28.85	6.12	0.65	5.35	136.09	0.0	37.8
0.885	28.85	6.12	0.65	5.34	139.7	0.0	37.8
0.887	28.86	6.12	0.72	5.35	153.41	0.0	37.8
0.903	28.86	6.12	0.84	5.35	133.62	0.0	37.8
0.926	28.86	6.12	0.8	5.32	155.74	0.0	37.81
0.927	28.86	6.12	0.84	5.31	159.5	0.0	37.81
0.943	28.85	6.12	0.76	5.35	159.98	0.0	37.8
0.947	28.85	6.12	0.72	5.36	157.59	0.0	37.8
0.961	28.85	6.12	0.84	5.36	159.06	0.0	37.8
0.971	28.85	6.12	0.72	5.36	165.83	0.0	37.8
0.986	28.85	6.12	0.65	5.36	154.12	0.0	37.8
1.013	28.85	6.12	0.76	5.36	153.62	0.0	37.8
1.018	28.86	6.12	0.76	5.35	153.73	0.0	37.8
1.022	28.86	6.12	0.8	5.34	155.23	0.0	37.8
1.028	28.88	6.12	0.8	5.33	163.58	0.0	37.81
1.037	28.88	6.12	0.95	5.32	154.05	0.0	37.81
1.063	28.88	6.12	0.8	5.35	169.84	0.0	37.82

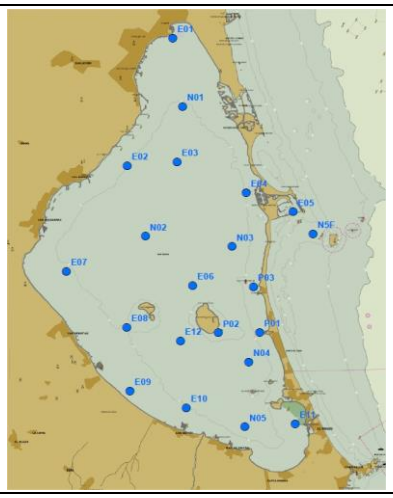
1.096	28.88	6.12	0.84	5.34	160.5	0.0	37.82
1.127	28.88	6.12	0.72	5.34	158.65	0.0	37.83
1.159	28.88	6.12	0.61	5.33	167.22	0.0	37.83
1.171	28.88	6.12	0.8	5.34	159.24	0.0	37.83
1.213	28.88	6.12	0.69	5.35	155.38	0.0	37.83
1.262	28.88	6.13	0.69	5.35	161.85	0.0	37.84
1.266	28.89	6.13	0.72	5.32	173.54	0.0	37.84
1.279	28.88	6.12	0.72	5.32	161.32	0.0	37.83
1.317	28.88	6.13	0.72	5.32	159.32	0.0	37.84
1.357	28.88	6.13	0.61	5.32	165.91	0.0	37.86
1.381	28.89	6.13	0.69	5.33	168.16	0.0	37.85
1.386	28.89	6.13	0.76	5.35	179.6	0.0	37.85
1.388	28.89	6.13	0.8	5.37	169.37	0.0	37.85
1.393	28.89	6.13	0.8	5.37	153.23	0.0	37.85
1.409	28.89	6.13	0.69	5.38	148.51	0.0	37.86
1.415	28.89	6.13	0.72	5.36	165.53	0.0	37.85
1.426	28.89	6.13	0.69	5.37	164.95	0.0	37.85
1.459	28.89	6.13	0.76	5.37	154.05	0.0	37.86
1.5	28.89	6.13	0.61	5.37	152.56	0.0	37.87
1.531	28.9	6.13	0.61	5.38	158.76	0.0	37.88
1.546	28.9	6.13	0.72	5.37	162.0	0.0	37.87
1.552	28.9	6.13	0.76	5.37	162.52	0.0	37.87
1.564	28.9	6.13	0.8	5.37	152.1	0.0	37.87
1.572	28.9	6.13	0.72	5.38	147.31	0.0	37.87
1.583	28.9	6.13	0.8	5.38	155.45	0.0	37.87
1.587	28.9	6.13	0.72	5.39	150.1	0.0	37.87
1.601	28.9	6.13	0.8	5.39	148.89	0.0	37.87
1.627	28.9	6.13	0.76	5.39	139.15	0.0	37.87
1.655	28.9	6.13	0.76	5.39	136.88	0.0	37.87
1.671	28.9	6.13	0.76	5.39	151.19	0.0	37.87
1.687	28.9	6.13	0.72	5.39	139.99	0.0	37.88
1.723	28.91	6.13	0.95	5.4	134.61	0.0	37.87
1.743	28.91	6.13	0.65	5.39	144.27	0.0	37.87
1.793	28.91	6.13	0.61	5.39	151.71	0.0	37.88
1.802	28.91	6.13	0.69	5.37	140.57	0.0	37.88
1.816	28.91	6.13	0.76	5.37	140.54	0.0	37.88
1.835	28.91	6.13	0.8	5.42	137.42	0.0	37.88
1.856	28.91	6.13	0.76	5.41	146.22	0.0	37.88
1.904	28.91	6.13	0.88	5.41	153.94	0.0	37.88
1.947	28.91	6.14	0.72	5.41	155.27	0.0	37.89
1.964	28.91	6.14	0.72	5.4	166.18	0.0	37.89
1.967	28.91	6.14	0.61	5.39	158.58	0.0	37.89
1.974	28.91	6.14	0.65	5.39	144.97	0.0	37.88
1.988	28.92	6.14	0.65	5.42	164.19	0.0	37.88
2.001	28.91	6.14	0.69	5.42	166.91	0.0	37.88
2.035	28.91	6.14	0.8	5.42	160.73	0.0	37.89
2.075	28.91	6.14	0.84	5.41	155.7	0.0	37.9
2.082	28.92	6.14	0.61	5.4	179.02	0.0	37.9
2.098	28.92	6.14	0.76	5.4	163.73	0.03	37.9
2.125	28.92	6.14	0.72	5.41	159.76	0.0	37.9
2.162	28.92	6.14	0.76	5.41	168.16	0.01	37.91
2.175	28.92	6.14	0.72	5.42	155.99	0.01	37.91
2.176	28.92	6.14	0.88	5.41	166.37	0.0	37.91
2.178	28.92	6.14	0.92	5.42	188.25	0.0	37.91
2.181	28.92	6.14	0.72	5.42	165.64	0.02	37.91
2.191	28.92	6.14	0.76	5.42	151.89	0.0	37.91
2.221	28.92	6.14	0.76	5.41	147.76	0.03	37.91
2.241	28.94	6.14	0.76	5.39	209.43	0.0	37.91

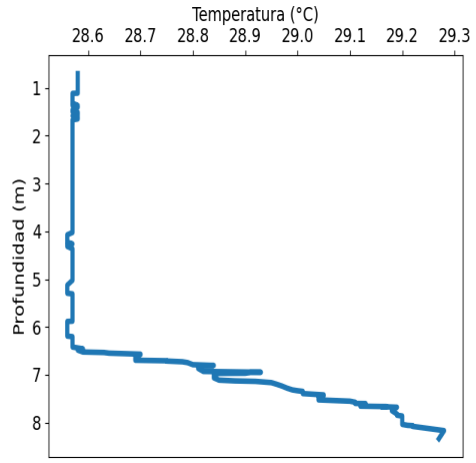
2.271	28.93	6.14	0.65	5.4	183.26	0.01	37.92
2.322	28.93	6.15	0.53	5.41	172.9	0.0	37.94
2.325	29.0	6.15	0.61	5.45	208.46	0.03	37.92
2.336	28.98	6.15	0.65	5.45	213.4	0.0	37.95
2.355	28.98	6.16	0.61	5.45	237.63	0.0	38.01
2.372	29.0	6.18	0.65	5.45	235.27	0.0	38.1
2.391	29.04	6.18	0.65	5.44	213.94	0.01	38.07
2.408	29.14	6.17	0.8	5.46	223.01	0.03	37.93
2.431	29.09	6.17	0.76	5.46	215.64	0.02	37.98
2.485	29.08	6.19	0.69	5.44	212.66	0.01	38.12
2.547	29.1	6.19	0.72	5.44	209.96	0.03	38.14
2.56	29.19	6.19	0.53	5.44	196.22	0.01	38.07
2.573	29.18	6.19	0.69	5.45	214.79	0.06	38.05
2.614	29.16	6.19	0.84	5.45	195.59	0.03	38.04
2.662	29.15	6.2	0.65	5.45	190.58	0.05	38.17
2.663	29.26	6.2	0.76	5.42	231.81	0.05	38.03
2.682	29.22	6.2	0.8	5.41	206.54	0.05	38.08
2.738	29.21	6.21	0.72	5.41	202.65	0.07	38.18
2.805	29.23	6.24	0.84	5.4	193.07	0.09	38.39
2.823	29.39	6.23	0.76	5.37	195.36	0.03	38.18
2.843	29.37	6.23	0.88	5.34	213.2	0.04	38.22
2.878	29.36	6.24	0.69	5.31	186.17	0.06	38.24
2.908	29.36	6.24	0.84	5.29	189.39	0.06	38.24
2.937	29.37	6.25	0.92	5.27	174.31	0.05	38.32
2.961	29.4	6.26	0.72	5.26	177.28	0.05	38.35
2.975	29.43	6.26	0.84	5.27	195.72	0.07	38.33
2.983	29.45	6.26	0.84	5.27	220.54	0.08	38.31
2.988	29.46	6.26	0.76	5.27	191.68	0.09	38.3
2.996	29.46	6.26	0.72	5.25	196.73	0.05	38.29
3.024	29.46	6.26	0.65	5.24	176.75	0.09	38.3
3.028	29.45	6.25	0.65	5.2	196.18	0.04	38.27
3.029	29.44	6.25	0.88	5.19	183.81	0.09	38.27
3.058	29.44	6.25	0.8	5.19	190.97	0.06	38.23
3.082	29.45	6.25	0.76	5.23	184.24	0.1	38.24
3.101	29.43	6.25	0.8	5.23	181.69	0.08	38.27
3.152	29.43	6.26	0.69	5.23	182.58	0.08	38.31
3.18	29.46	6.26	0.76	5.19	183.6	0.07	38.29
3.187	29.46	6.26	0.72	5.18	180.64	0.09	38.29
3.204	29.46	6.26	0.72	5.19	176.3	0.1	38.3
3.227	29.46	6.26	0.69	5.19	176.3	0.08	38.31
3.256	29.46	6.26	0.61	5.19	175.32	0.07	38.35
3.283	29.47	6.27	0.72	5.2	187.68	0.1	38.37
3.299	29.48	6.27	0.88	5.2	177.78	0.09	38.39
3.3	29.49	6.26	0.76	5.22	186.12	0.07	38.3
3.313	29.48	6.26	0.8	5.22	178.97	0.09	38.31
3.341	29.48	6.26	0.72	5.22	169.92	0.07	38.33
3.367	29.49	6.27	0.76	5.21	186.69	0.08	38.34
3.373	29.49	6.27	0.92	5.2	179.51	0.07	38.35
3.391	29.49	6.27	0.76	5.2	178.39	0.1	38.36
3.405	29.49	6.27	0.99	5.2	193.69	0.08	38.36
3.415	29.49	6.28	0.84	5.2	183.17	0.1	38.4
3.425	29.5	6.28	0.84	5.2	179.81	0.09	38.4
3.44	29.5	6.28	0.92	5.2	184.88	0.09	38.4
3.46	29.51	6.28	0.72	5.2	173.22	0.1	38.4
3.492	29.51	6.28	0.88	5.19	172.18	0.11	38.4
3.522	29.52	6.28	0.8	5.18	181.48	0.12	38.42
3.538	29.52	6.28	0.76	5.17	174.19	0.07	38.41
3.549	29.52	6.28	0.8	5.16	176.79	0.12	38.41

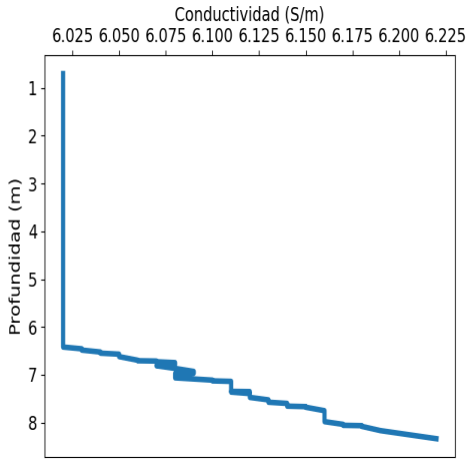
3.564	29.53	6.28	0.92	5.16	177.61	0.11	38.4
3.568	29.53	6.28	0.72	5.15	189.78	0.09	38.42
3.569	29.53	6.28	0.8	5.15	186.17	0.14	38.42
3.585	29.53	6.28	0.92	5.16	188.69	0.11	38.41
3.588	29.53	6.28	0.88	5.16	193.83	0.1	38.41
3.604	29.53	6.28	0.8	5.16	194.96	0.09	38.41
3.64	29.52	6.28	0.92	5.15	244.39	0.11	38.4
3.669	29.52	6.28	0.72	5.13	236.36	0.11	38.42
3.719	29.52	6.28	0.99	5.12	229.24	0.12	38.43
3.746	29.54	6.29	0.84	5.12	255.39	0.11	38.44
3.773	29.54	6.29	0.72	5.12	267.94	0.08	38.44
3.808	29.55	6.29	0.84	4.99	290.99	0.11	38.45
3.831	29.55	6.29	0.76	4.96	260.41	0.09	38.46
3.874	29.55	6.29	0.72	4.95	275.37	0.13	38.48
3.903	29.58	6.3	0.8	4.84	279.1	0.1	38.47
3.928	29.57	6.3	0.8	4.82	267.44	0.11	38.47
3.97	29.57	6.3	0.84	4.8	272.2	0.09	38.49
4.01	29.6	6.31	0.76	4.84	288.5	0.08	38.52
4.011	29.6	6.3	0.92	4.82	270.0	0.06	38.51
4.021	29.59	6.3	0.69	4.81	268.81	0.09	38.52
4.036	29.62	6.31	0.8	4.7	253.33	0.1	38.52
4.061	29.61	6.31	0.8	4.68	268.44	0.07	38.52
4.108	29.61	6.31	0.84	4.67	273.59	0.07	38.56
4.117	29.65	6.32	0.61	4.68	280.85	0.09	38.55
4.12	29.64	6.32	0.88	4.67	301.07	0.1	38.56
4.135	29.64	6.32	0.8	4.65	263.51	0.08	38.59
4.153	29.64	6.32	0.72	4.64	258.91	0.08	38.61
4.171	29.64	6.32	0.8	4.63	283.99	0.07	38.61
4.173	29.67	6.33	0.61	4.61	298.71	0.12	38.61
4.176	29.67	6.33	0.72	4.6	291.86	0.11	38.6
4.194	29.66	6.32	0.8	4.58	258.67	0.1	38.6
4.222	29.66	6.34	0.88	4.56	279.87	0.11	38.67
4.251	29.68	6.34	0.88	4.55	259.93	0.09	38.68
4.266	29.71	6.34	0.76	4.59	263.81	0.13	38.65
4.279	29.71	6.34	0.8	4.63	279.87	0.1	38.65
4.298	29.7	6.34	0.72	4.67	274.92	0.09	38.66
4.331	29.7	6.34	0.88	4.71	291.32	0.08	38.69
4.364	29.71	6.36	0.72	4.74	259.27	0.05	38.82
4.381	29.78	6.34	0.76	4.77	263.45	0.1	38.64
4.391	29.75	6.34	0.61	4.75	268.94	0.08	38.66
4.423	29.74	6.36	0.84	4.74	256.75	0.09	38.79
4.428	29.79	6.37	0.76	4.73	281.89	0.06	38.8
4.435	29.78	6.37	0.65	4.72	261.56	0.08	38.81
4.451	29.78	6.37	0.72	4.71	256.28	0.09	38.8
4.468	29.79	6.38	0.88	4.7	229.24	0.07	38.91
4.483	29.8	6.39	0.95	4.7	256.93	0.13	38.92
4.486	29.84	6.38	0.88	4.69	232.29	0.06	38.85
4.489	29.83	6.37	0.72	4.69	251.34	0.1	38.77
4.51	29.81	6.37	0.88	4.69	253.74	0.12	38.8
4.539	29.8	6.39	0.92	4.68	266.83	0.11	38.93
4.564	29.82	6.4	0.8	4.68	293.76	0.14	39.01
4.586	29.85	6.41	0.92	4.68	251.05	0.07	39.01
4.597	29.89	6.41	0.84	4.69	226.97	0.11	39.03
4.602	29.9	6.41	1.03	4.68	217.34	0.15	39.03
4.63	29.9	6.42	0.95	4.67	227.13	0.09	39.04
4.65	30.03	6.41	0.88	4.66	243.37	0.11	38.91
4.701	29.96	6.41	0.84	4.66	238.23	0.16	38.95
4.789	29.93	6.51	0.88	4.63	237.52	0.1	39.65

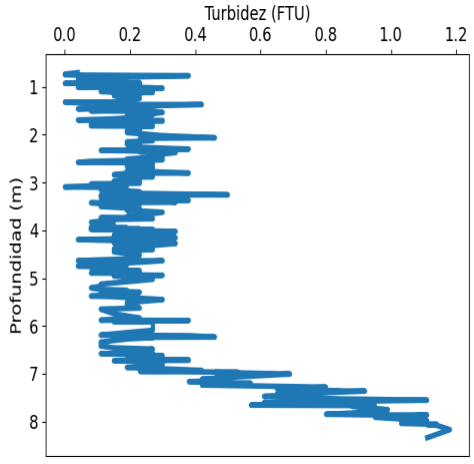
4.828	30.4	6.53	0.92	4.25	237.46	0.09	39.4
4.836	30.38	6.61	0.84	3.98	225.4	0.19	39.99
4.839	30.38	6.59	1.03	4.01	239.4	0.18	39.86
4.876	30.36	6.64	0.88	4.03	230.95	0.18	40.22
4.929	30.4	6.69	0.95	4.03	217.49	0.14	40.53
4.986	30.47	6.75	1.53	4.02	212.9	0.19	40.84
5.122	30.59	6.71	1.6	3.61	219.77	0.25	40.48
5.142	30.58	6.73	1.56	3.61	215.99	0.29	40.62
5.153	30.61	6.74	1.3	3.63	216.14	0.26	40.67
5.154	30.62	6.73	1.49	3.64	216.24	0.3	40.61
5.176	30.62	6.74	1.53	3.64	210.16	0.28	40.65

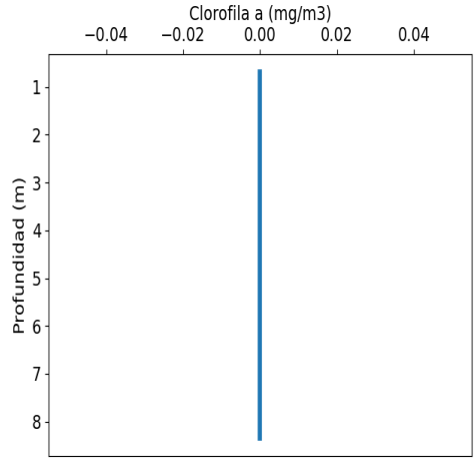
Nombre: CTD N5F - Punto 008 **Fecha: 01/08/2022** **Hora: 08:08:08**

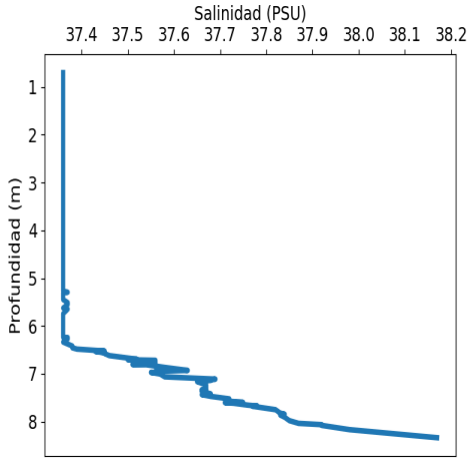


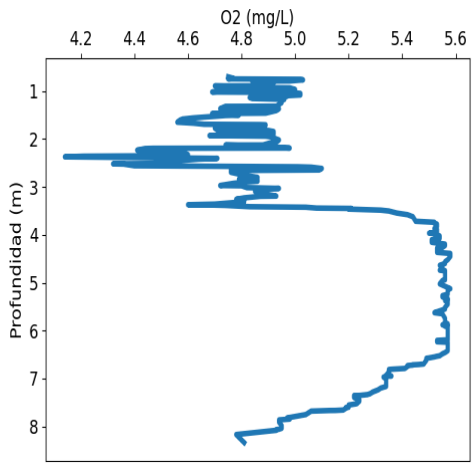


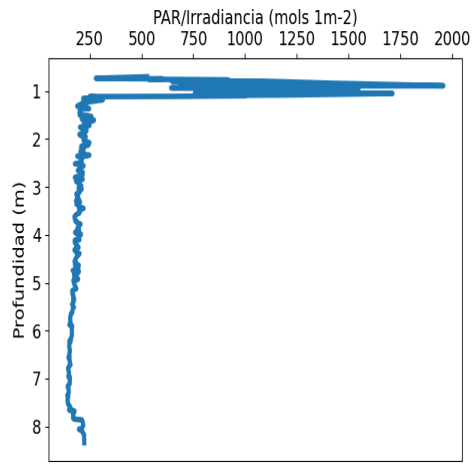












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.56	6.02	0.0	4.14	141.78	0.0	37.36
PROF (metros)	4.102	0.703	0.734	2.373	7.353	0.703	0.703
MÁXIMO	29.28	29.28	1.18	5.58	1957.0	0.0	38.17
PROF (metros)	8.168	8.337	8.168	4.389	0.89	0.703	8.337

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	28.58	6.02	0.15	4.9	990.74	0.0	37.36
1 - 2m	28.57	6.02	0.19	4.82	408.15	0.0	37.36
2 - 3m	28.57	6.02	0.24	4.7	210.9	0.0	37.36
3 - 4m	28.57	6.02	0.19	5.17	196.15	0.0	37.36
4 - 5m	28.57	6.02	0.19	5.55	187.24	0.0	37.36
5 - 6m	28.57	6.02	0.18	5.56	167.62	0.0	37.36
6 - 7m	28.7	6.05	0.27	5.47	152.3	0.0	37.47
7 - 8m	29.06	6.13	0.75	5.19	159.32	0.0	37.72
8 - 9m	29.23	6.18	1.12	4.89	211.17	0.0	37.96

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	28.58	6.02	0.04	4.75	526.94	0.0	37.36
0.734	28.58	6.02	0.0	4.77	279.61	0.0	37.36
0.746	28.58	6.02	0.0	4.75	601.5	0.0	37.36
0.754	28.58	6.02	0.04	5.02	534.44	0.0	37.36
0.767	28.58	6.02	0.38	5.03	912.69	0.0	37.36
0.79	28.58	6.02	0.23	4.98	929.12	0.0	37.36
0.791	28.58	6.02	0.08	4.89	646.01	0.0	37.36
0.794	28.58	6.02	0.19	4.84	1081.4	0.0	37.36
0.836	28.58	6.02	0.04	4.92	1403.6	0.0	37.36
0.89	28.58	6.02	0.11	4.87	1957.0	0.0	37.36
0.893	28.58	6.02	0.19	4.7	1342.8	0.0	37.36
0.91	28.58	6.02	0.15	4.82	871.35	0.0	37.36
0.915	28.58	6.02	0.23	4.87	684.23	0.0	37.36
0.923	28.58	6.02	0.08	4.88	791.44	0.0	37.36
0.928	28.58	6.02	0.0	4.88	796.04	0.0	37.36
0.933	28.58	6.02	0.23	4.98	642.87	0.0	37.36
0.966	28.58	6.02	0.11	5.0	1546.4	0.0	37.36
1.009	28.58	6.02	0.04	4.75	1059.4	0.0	37.36
1.01	28.58	6.02	0.04	4.73	1144.1	0.0	37.36
1.011	28.58	6.02	0.23	4.71	766.17	0.0	37.36
1.02	28.58	6.02	0.27	4.69	1031.3	0.0	37.36
1.03	28.58	6.02	0.3	4.99	758.57	0.0	37.36
1.05	28.58	6.02	0.19	5.02	1711.6	0.0	37.36
1.082	28.58	6.02	0.27	5.02	1199.5	0.0	37.36
1.094	28.58	6.02	0.23	4.98	755.59	0.0	37.36
1.097	28.58	6.02	0.11	4.96	1002.5	0.0	37.36
1.111	28.58	6.02	0.15	4.97	652.94	0.0	37.36
1.116	28.57	6.02	0.27	4.88	249.77	0.0	37.36
1.135	28.57	6.02	0.15	4.83	314.77	0.0	37.36
1.156	28.57	6.02	0.19	4.84	218.4	0.0	37.36
1.174	28.57	6.02	0.23	4.96	266.21	0.0	37.36
1.182	28.57	6.02	0.15	4.95	313.68	0.0	37.36
1.242	28.57	6.02	0.23	4.95	219.93	0.0	37.36

1.316	28.57	6.02	0.15	4.93	189.78	0.0	37.36
1.319	28.57	6.02	0.0	4.74	224.51	0.0	37.36
1.368	28.58	6.02	0.15	4.72	247.81	0.0	37.36
1.37	28.57	6.02	0.42	4.94	221.31	0.0	37.36
1.407	28.58	6.02	0.19	4.93	201.81	0.0	37.36
1.461	28.57	6.02	0.04	4.89	201.15	0.0	37.36
1.469	28.57	6.02	0.23	4.69	206.06	0.0	37.36
1.502	28.57	6.02	0.08	4.79	201.99	0.0	37.36
1.51	28.58	6.02	0.27	4.74	239.51	0.0	37.36
1.534	28.58	6.02	0.3	4.68	259.15	0.0	37.36
1.56	28.58	6.02	0.27	4.62	220.18	0.0	37.36
1.584	28.57	6.02	0.27	4.58	212.02	0.0	37.36
1.607	28.58	6.02	0.19	4.57	271.13	0.0	37.36
1.65	28.58	6.02	0.19	4.56	243.14	0.0	37.36
1.67	28.57	6.02	0.15	4.62	222.34	0.0	37.36
1.693	28.57	6.02	0.04	4.66	235.98	0.0	37.36
1.7	28.57	6.02	0.19	4.87	239.56	0.0	37.36
1.704	28.57	6.02	0.3	4.89	246.43	0.0	37.36
1.716	28.57	6.02	0.3	4.89	249.48	0.0	37.36
1.74	28.57	6.02	0.15	4.86	222.23	0.0	37.36
1.756	28.57	6.02	0.19	4.71	203.21	0.0	37.36
1.774	28.57	6.02	0.08	4.7	218.4	0.0	37.36
1.816	28.57	6.02	0.08	4.71	219.16	0.0	37.36
1.823	28.57	6.02	0.27	4.9	235.54	0.0	37.36
1.844	28.57	6.02	0.19	4.92	232.18	0.0	37.36
1.905	28.57	6.02	0.23	4.92	200.27	0.0	37.36
1.929	28.57	6.02	0.19	4.68	208.75	0.0	37.36
1.941	28.57	6.02	0.19	4.89	214.44	0.0	37.36
1.956	28.57	6.02	0.19	4.91	231.32	0.0	37.36
2.021	28.57	6.02	0.3	4.94	220.39	0.0	37.36
2.065	28.57	6.02	0.46	4.93	238.34	0.0	37.36
2.077	28.57	6.02	0.23	4.91	249.19	0.0	37.36
2.125	28.57	6.02	0.27	4.88	221.31	0.0	37.36
2.126	28.57	6.02	0.27	4.74	243.99	0.0	37.36
2.15	28.57	6.02	0.19	4.88	209.92	0.0	37.36
2.19	28.57	6.02	0.19	4.98	208.36	0.0	37.36
2.194	28.57	6.02	0.23	4.47	222.49	0.0	37.36
2.199	28.57	6.02	0.19	4.44	213.4	0.0	37.36
2.234	28.57	6.02	0.23	4.41	215.64	0.0	37.36
2.26	28.57	6.02	0.23	4.56	205.44	0.0	37.36
2.265	28.57	6.02	0.23	4.58	214.24	0.0	37.36
2.301	28.57	6.02	0.38	4.59	224.87	0.0	37.36
2.325	28.57	6.02	0.3	4.6	208.07	0.0	37.36
2.327	28.57	6.02	0.11	4.56	214.39	0.0	37.36
2.336	28.57	6.02	0.19	4.51	249.08	0.0	37.36
2.352	28.57	6.02	0.27	4.43	235.0	0.0	37.36
2.359	28.57	6.02	0.23	4.21	190.18	0.0	37.36
2.373	28.57	6.02	0.34	4.14	219.16	0.0	37.36
2.404	28.57	6.02	0.3	4.71	213.4	0.0	37.36
2.421	28.57	6.02	0.3	4.64	210.55	0.0	37.36
2.459	28.57	6.02	0.3	4.55	210.45	0.0	37.36
2.51	28.57	6.02	0.19	4.47	195.72	0.0	37.36
2.519	28.57	6.02	0.19	4.32	178.93	0.0	37.36
2.524	28.57	6.02	0.3	4.36	212.61	0.0	37.36
2.559	28.57	6.02	0.08	4.4	220.85	0.0	37.36
2.58	28.57	6.02	0.04	5.01	213.4	0.0	37.36
2.588	28.57	6.02	0.27	5.06	200.45	0.0	37.36
2.615	28.57	6.02	0.19	5.1	205.53	0.0	37.36

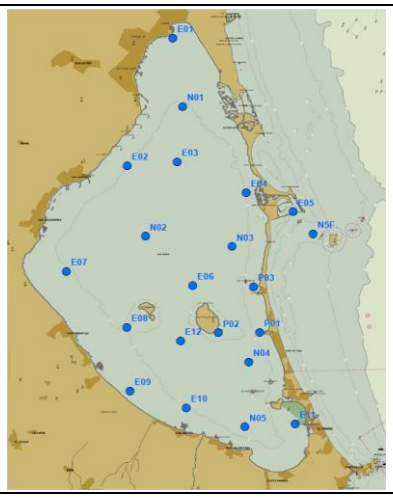
2.647	28.57	6.02	0.23	5.09	197.0	0.0	37.36
2.656	28.57	6.02	0.27	4.81	192.75	0.0	37.36
2.658	28.57	6.02	0.19	4.76	195.36	0.0	37.36
2.695	28.57	6.02	0.27	4.76	217.09	0.0	37.36
2.757	28.57	6.02	0.19	4.81	215.49	0.0	37.36
2.802	28.57	6.02	0.38	4.86	178.52	0.0	37.36
2.807	28.57	6.02	0.19	4.85	209.04	0.0	37.36
2.839	28.57	6.02	0.15	4.79	216.64	0.0	37.36
2.854	28.57	6.02	0.19	4.82	204.68	0.0	37.36
2.869	28.57	6.02	0.23	4.86	203.4	0.0	37.36
2.881	28.57	6.02	0.27	4.86	184.41	0.0	37.36
2.896	28.57	6.02	0.19	4.82	188.95	0.0	37.36
2.925	28.57	6.02	0.23	4.77	195.63	0.0	37.36
2.971	28.57	6.02	0.15	4.72	205.63	0.0	37.36
2.977	28.57	6.02	0.23	4.8	209.87	0.0	37.36
3.015	28.57	6.02	0.23	4.82	199.71	0.0	37.36
3.031	28.57	6.02	0.08	4.94	196.13	0.0	37.36
3.042	28.57	6.02	0.19	4.9	211.77	0.0	37.36
3.094	28.57	6.02	0.0	4.85	200.08	0.0	37.36
3.105	28.57	6.02	0.19	4.87	201.95	0.0	37.36
3.149	28.57	6.02	0.11	4.89	185.39	0.0	37.36
3.192	28.57	6.02	0.23	4.93	192.57	0.0	37.36
3.196	28.57	6.02	0.23	4.87	194.28	0.0	37.36
3.228	28.57	6.02	0.23	4.81	188.56	0.0	37.36
3.258	28.57	6.02	0.5	4.78	197.36	0.0	37.36
3.266	28.57	6.02	0.11	4.81	199.06	0.0	37.36
3.289	28.57	6.02	0.15	4.81	184.32	0.0	37.36
3.31	28.57	6.02	0.11	4.81	202.41	0.0	37.36
3.318	28.57	6.02	0.15	4.79	203.17	0.0	37.36
3.332	28.57	6.02	0.27	4.76	193.92	0.0	37.36
3.359	28.57	6.02	0.15	4.7	186.04	0.0	37.36
3.372	28.57	6.02	0.19	4.6	198.19	0.0	37.36
3.374	28.57	6.02	0.38	4.66	199.94	0.0	37.36
3.386	28.57	6.02	0.3	4.74	195.86	0.0	37.36
3.413	28.57	6.02	0.34	4.83	196.86	0.0	37.36
3.424	28.57	6.02	0.08	5.04	199.9	0.0	37.36
3.442	28.57	6.02	0.11	5.08	216.64	0.0	37.36
3.449	28.57	6.02	0.23	5.21	220.85	0.0	37.36
3.463	28.57	6.02	0.15	5.2	199.76	0.0	37.36
3.485	28.57	6.02	0.11	5.32	199.25	0.0	37.36
3.503	28.57	6.02	0.11	5.35	205.2	0.0	37.36
3.546	28.57	6.02	0.23	5.38	199.8	0.0	37.36
3.58	28.57	6.02	0.19	5.42	184.32	0.0	37.36
3.623	28.57	6.02	0.3	5.44	176.26	0.0	37.36
3.717	28.57	6.02	0.19	5.45	181.57	0.0	37.36
3.735	28.57	6.02	0.23	5.51	191.11	0.0	37.36
3.738	28.57	6.02	0.11	5.52	189.26	0.0	37.36
3.758	28.57	6.02	0.27	5.52	190.75	0.0	37.36
3.776	28.57	6.02	0.11	5.53	205.96	0.0	37.36
3.78	28.57	6.02	0.15	5.53	205.53	0.0	37.36
3.832	28.57	6.02	0.08	5.53	195.27	0.0	37.36
3.868	28.57	6.02	0.15	5.52	190.67	0.0	37.36
3.885	28.57	6.02	0.15	5.53	198.47	0.0	37.36
3.937	28.57	6.02	0.08	5.53	198.42	0.0	37.36
3.947	28.57	6.02	0.19	5.52	179.64	0.0	37.36
3.95	28.57	6.02	0.19	5.52	186.73	0.0	37.36
3.966	28.57	6.02	0.08	5.5	187.21	0.0	37.36
3.971	28.57	6.02	0.23	5.52	184.83	0.0	37.36

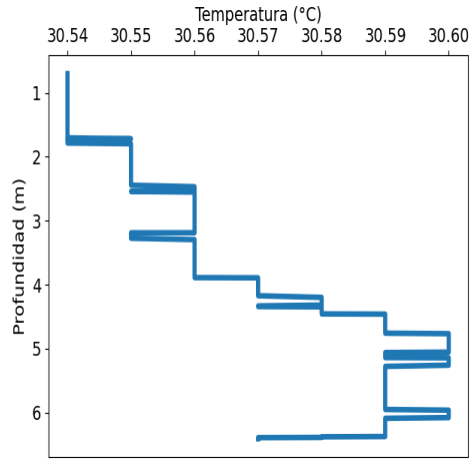
3.979	28.57	6.02	0.08	5.52	196.45	0.0	37.36
3.984	28.57	6.02	0.27	5.52	207.88	0.0	37.36
3.995	28.57	6.02	0.15	5.53	207.74	0.0	37.36
4.024	28.57	6.02	0.34	5.54	200.97	0.0	37.36
4.073	28.56	6.02	0.23	5.54	193.47	0.0	37.36
4.102	28.56	6.02	0.15	5.51	200.78	0.0	37.36
4.112	28.56	6.02	0.3	5.51	178.15	0.0	37.36
4.156	28.56	6.02	0.34	5.51	178.15	0.0	37.36
4.194	28.56	6.02	0.04	5.56	183.21	0.0	37.36
4.225	28.56	6.02	0.23	5.56	190.58	0.0	37.36
4.264	28.57	6.02	0.15	5.55	196.41	0.0	37.36
4.275	28.56	6.02	0.34	5.53	185.78	0.0	37.36
4.316	28.56	6.02	0.27	5.53	176.67	0.0	37.36
4.366	28.57	6.02	0.19	5.53	185.13	0.0	37.36
4.389	28.57	6.02	0.15	5.58	201.15	0.0	37.36
4.4	28.57	6.02	0.27	5.58	200.22	0.0	37.36
4.45	28.57	6.02	0.15	5.58	189.17	0.0	37.36
4.521	28.57	6.02	0.23	5.57	180.35	0.0	37.36
4.561	28.57	6.02	0.19	5.56	176.67	0.0	37.36
4.599	28.57	6.02	0.19	5.56	187.51	0.0	37.36
4.634	28.57	6.02	0.04	5.54	179.31	0.0	37.36
4.636	28.57	6.02	0.3	5.54	197.69	0.0	37.36
4.683	28.57	6.02	0.19	5.55	195.41	0.0	37.36
4.738	28.57	6.02	0.19	5.54	192.31	0.0	37.36
4.745	28.57	6.02	0.08	5.55	168.08	0.0	37.36
4.747	28.57	6.02	0.04	5.56	193.83	0.0	37.36
4.76	28.57	6.02	0.15	5.56	197.87	0.0	37.36
4.782	28.57	6.02	0.08	5.56	196.5	0.0	37.36
4.801	28.57	6.02	0.15	5.56	191.37	0.0	37.36
4.811	28.57	6.02	0.11	5.56	178.27	0.0	37.36
4.822	28.57	6.02	0.11	5.56	174.19	0.0	37.36
4.844	28.57	6.02	0.23	5.56	175.08	0.0	37.36
4.892	28.57	6.02	0.08	5.56	176.63	0.0	37.36
4.903	28.57	6.02	0.23	5.56	190.84	0.0	37.36
4.926	28.57	6.02	0.15	5.56	194.64	0.0	37.36
4.94	28.57	6.02	0.3	5.56	188.6	0.0	37.36
4.953	28.57	6.02	0.15	5.55	171.3	0.0	37.36
5.024	28.57	6.02	0.27	5.54	175.24	0.0	37.36
5.125	28.56	6.02	0.11	5.58	185.95	0.0	37.36
5.138	28.56	6.02	0.11	5.57	178.73	0.0	37.36
5.169	28.56	6.02	0.11	5.57	165.87	0.0	37.36
5.204	28.56	6.02	0.08	5.57	166.07	0.0	37.36
5.235	28.56	6.02	0.11	5.57	167.69	0.0	37.36
5.254	28.56	6.02	0.19	5.56	167.53	0.0	37.36
5.27	28.56	6.02	0.15	5.55	171.38	0.0	37.36
5.295	28.56	6.02	0.23	5.55	171.98	0.0	37.37
5.308	28.57	6.02	0.11	5.56	171.03	0.0	37.36
5.33	28.57	6.02	0.19	5.57	174.83	0.0	37.36
5.333	28.57	6.02	0.15	5.56	171.46	0.0	37.36
5.352	28.57	6.02	0.15	5.57	170.87	0.0	37.36
5.375	28.57	6.02	0.08	5.56	174.47	0.0	37.36
5.387	28.57	6.02	0.15	5.57	173.02	0.0	37.36
5.449	28.57	6.02	0.3	5.57	165.22	0.0	37.36
5.512	28.57	6.02	0.19	5.56	174.27	0.0	37.37
5.549	28.57	6.02	0.19	5.56	167.53	0.0	37.37
5.625	28.57	6.02	0.23	5.52	165.8	0.0	37.36
5.648	28.57	6.02	0.11	5.55	159.5	0.0	37.37
5.744	28.57	6.02	0.15	5.56	155.81	0.0	37.36

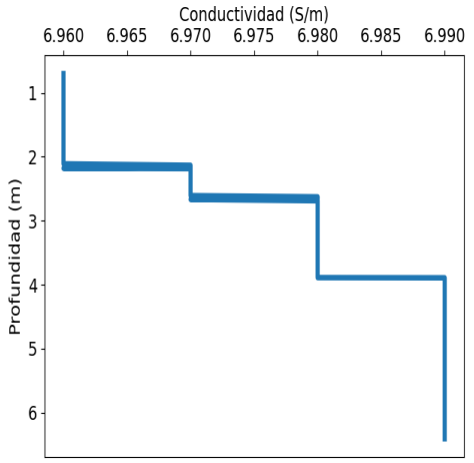
5.836	28.57	6.02	0.23	5.56	157.12	0.0	37.36
5.857	28.57	6.02	0.19	5.57	153.94	0.0	37.36
5.879	28.57	6.02	0.11	5.55	152.28	0.0	37.36
5.885	28.56	6.02	0.38	5.57	163.17	0.0	37.36
5.909	28.56	6.02	0.15	5.56	165.91	0.0	37.36
5.912	28.56	6.02	0.27	5.57	162.64	0.0	37.36
5.986	28.56	6.02	0.27	5.57	164.19	0.0	37.36
6.09	28.56	6.02	0.27	5.57	164.27	0.0	37.36
6.191	28.56	6.02	0.11	5.57	158.87	0.0	37.36
6.203	28.57	6.02	0.38	5.53	153.3	0.0	37.36
6.232	28.57	6.02	0.46	5.53	154.62	0.0	37.36
6.238	28.57	6.02	0.15	5.56	157.15	0.0	37.36
6.242	28.57	6.02	0.27	5.57	152.21	0.0	37.37
6.272	28.57	6.02	0.19	5.57	151.61	0.0	37.37
6.337	28.57	6.02	0.11	5.57	151.71	0.0	37.36
6.42	28.57	6.02	0.11	5.57	155.05	0.0	37.38
6.457	28.59	6.03	0.15	5.56	153.05	0.0	37.38
6.484	28.58	6.03	0.27	5.55	152.31	0.0	37.39
6.524	28.59	6.04	0.19	5.54	151.01	0.0	37.45
6.534	28.63	6.04	0.19	5.53	149.1	0.0	37.43
6.548	28.64	6.04	0.23	5.52	153.41	0.0	37.44
6.569	28.7	6.05	0.27	5.5	147.59	0.0	37.45
6.577	28.7	6.05	0.11	5.49	149.48	0.0	37.45
6.62	28.69	6.05	0.3	5.49	153.69	0.0	37.46
6.696	28.69	6.06	0.19	5.48	155.77	0.0	37.52
6.707	28.75	6.06	0.38	5.46	155.02	0.0	37.5
6.713	28.75	6.07	0.38	5.44	157.01	0.0	37.53
6.718	28.76	6.07	0.38	5.44	156.24	0.0	37.56
6.722	28.77	6.07	0.27	5.43	153.34	0.0	37.56
6.728	28.78	6.07	0.15	5.42	152.88	0.0	37.56
6.746	28.79	6.08	0.3	5.42	149.86	0.0	37.56
6.789	28.8	6.08	0.3	5.41	145.31	0.0	37.56
6.805	28.84	6.07	0.3	5.36	147.38	0.0	37.51
6.811	28.82	6.07	0.3	5.35	147.52	0.0	37.54
6.867	28.81	6.08	0.19	5.35	149.93	0.0	37.58
6.93	28.82	6.09	0.42	5.34	150.38	0.0	37.63
6.947	28.93	6.09	0.3	5.36	146.83	0.0	37.57
6.949	28.91	6.09	0.23	5.35	147.28	0.0	37.56
6.968	28.9	6.09	0.53	5.33	147.93	0.0	37.57
6.971	28.85	6.08	0.46	5.33	154.87	0.0	37.55
7.005	28.84	6.08	0.69	5.34	154.23	0.0	37.57
7.064	28.84	6.08	0.53	5.34	154.09	0.0	37.58
7.112	28.85	6.1	0.42	5.34	153.34	0.0	37.69
7.128	28.88	6.1	0.46	5.34	151.54	0.0	37.68
7.138	28.92	6.11	0.5	5.34	147.0	0.0	37.68
7.164	28.95	6.11	0.38	5.34	143.34	0.0	37.65
7.198	28.96	6.11	0.57	5.32	146.66	0.0	37.66
7.235	28.97	6.11	0.42	5.31	148.93	0.0	37.67
7.28	28.98	6.11	0.8	5.29	149.51	0.0	37.67
7.316	28.99	6.11	0.65	5.28	146.9	0.0	37.67
7.334	29.0	6.11	0.69	5.27	144.44	0.0	37.66
7.347	29.01	6.11	0.69	5.25	146.05	0.0	37.66
7.352	29.01	6.12	0.84	5.24	145.41	0.0	37.67
7.353	29.01	6.11	0.72	5.22	141.78	0.0	37.66
7.362	29.01	6.11	0.92	5.22	143.4	0.0	37.66
7.393	29.01	6.12	0.8	5.22	145.45	0.0	37.67
7.421	29.05	6.12	0.65	5.23	145.65	0.0	37.68
7.435	29.05	6.12	0.69	5.24	142.94	0.0	37.66

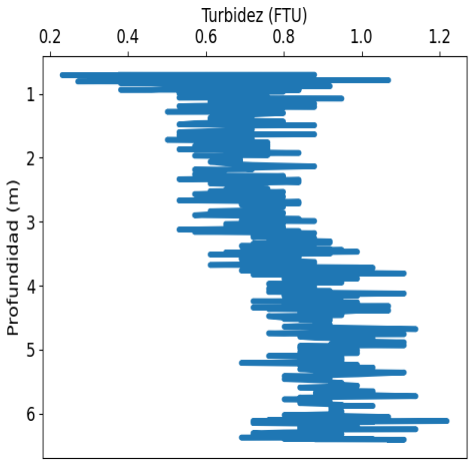
7.473	29.04	6.12	0.61	5.24	143.67	0.0	37.68
7.525	29.04	6.13	0.84	5.23	144.81	0.0	37.72
7.552	29.1	6.13	1.11	5.2	150.56	0.0	37.72
7.574	29.11	6.13	0.88	5.2	152.38	0.0	37.72
7.599	29.11	6.14	0.72	5.2	153.09	0.0	37.75
7.602	29.13	6.14	0.61	5.19	157.15	0.0	37.71
7.617	29.12	6.14	0.69	5.19	153.34	0.0	37.73
7.656	29.12	6.14	0.57	5.18	150.59	0.0	37.76
7.665	29.17	6.15	0.88	5.15	167.42	0.0	37.77
7.666	29.16	6.15	0.95	5.13	159.21	0.0	37.78
7.679	29.19	6.15	0.88	5.06	177.24	0.0	37.77
7.751	29.18	6.16	0.99	5.04	170.75	0.0	37.82
7.821	29.19	6.16	0.88	4.97	169.45	0.0	37.83
7.846	29.19	6.16	0.8	4.98	175.24	0.0	37.84
7.861	29.2	6.16	0.95	4.94	211.48	0.0	37.83
7.862	29.2	6.16	1.11	4.94	212.81	0.0	37.83
7.91	29.2	6.16	0.95	4.94	216.74	0.0	37.84
7.98	29.2	6.16	1.11	4.95	219.06	0.0	37.85
8.037	29.2	6.17	1.03	4.95	212.71	0.0	37.87
8.057	29.21	6.17	1.14	4.94	197.87	0.0	37.91
8.064	29.22	6.18	1.11	4.93	199.8	0.0	37.92
8.079	29.22	6.18	1.14	4.93	209.87	0.0	37.92
8.168	29.28	6.19	1.18	4.78	222.95	0.0	37.98
8.337	29.27	6.22	1.11	4.81	223.83	0.0	38.17

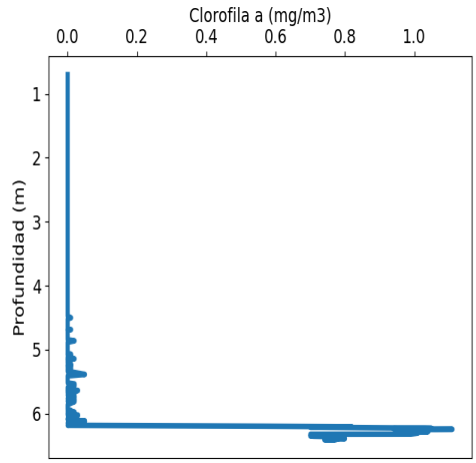
Nombre: CTD N03 - Punto 009 **Fecha: 01/08/2022** **Hora: 09:08:40**

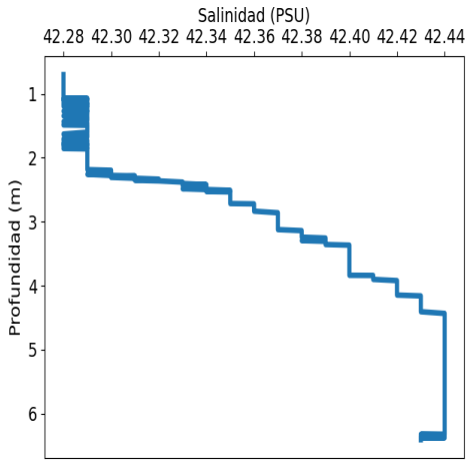


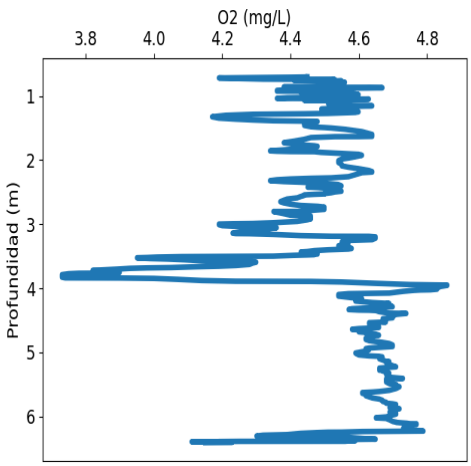


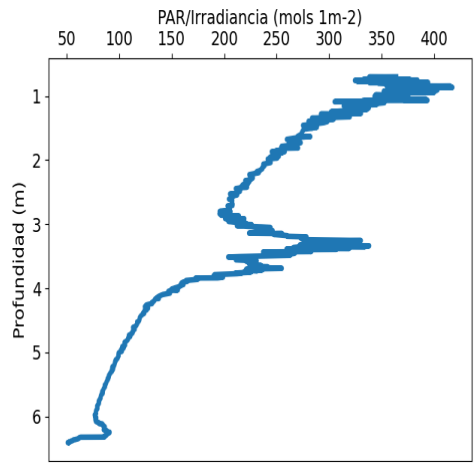












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.54	6.96	0.23	3.73	50.85	0.0	42.28
PROF (metros)	0.702	0.702	0.708	3.787	6.405	0.702	0.702
MÁXIMO	30.6	30.6	1.22	4.86	417.64	1.11	42.44
PROF (metros)	4.765	3.892	6.115	3.949	0.867	6.243	4.433

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.54	6.96	0.64	4.49	368.63	0.0	42.28
1 - 2m	30.54	6.96	0.68	4.49	304.53	0.0	42.29
2 - 3m	30.55	6.97	0.72	4.46	215.84	0.0	42.34
3 - 4m	30.56	6.98	0.81	4.28	234.46	0.0	42.39
4 - 5m	30.59	6.99	0.9	4.65	120.49	0.0	42.44
5 - 6m	30.59	6.99	0.92	4.68	87.34	0.01	42.44
6 - 7m	30.59	6.99	0.89	4.54	71.85	0.57	42.44

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	30.54	6.96	0.38	4.45	364.01	0.0	42.28
0.704	30.54	6.96	0.88	4.45	338.3	0.0	42.28
0.708	30.54	6.96	0.23	4.4	362.16	0.0	42.28
0.719	30.54	6.96	0.69	4.19	361.9	0.0	42.28
0.728	30.54	6.96	0.53	4.24	355.09	0.0	42.28
0.738	30.54	6.96	0.69	4.32	333.01	0.0	42.28
0.741	30.54	6.96	0.72	4.5	377.15	0.0	42.28
0.743	30.54	6.96	0.76	4.53	357.98	0.0	42.28
0.75	30.54	6.96	0.53	4.52	344.07	0.0	42.28
0.751	30.54	6.96	0.34	4.45	335.26	0.0	42.28
0.753	30.54	6.96	0.65	4.42	384.29	0.0	42.28
0.758	30.54	6.96	0.72	4.41	324.55	0.0	42.28
0.765	30.54	6.96	0.57	4.55	369.96	0.0	42.28
0.769	30.54	6.96	0.69	4.54	326.51	0.0	42.28
0.777	30.54	6.96	0.53	4.51	375.32	0.0	42.28
0.781	30.54	6.96	0.34	4.48	382.52	0.0	42.28
0.785	30.54	6.96	0.88	4.5	359.06	0.0	42.28
0.788	30.54	6.96	1.07	4.56	354.84	0.0	42.28
0.789	30.54	6.96	1.07	4.53	394.49	0.0	42.28
0.793	30.54	6.96	0.3	4.5	338.46	0.0	42.28
0.794	30.54	6.96	0.57	4.5	378.02	0.0	42.28
0.796	30.54	6.96	0.69	4.53	346.55	0.0	42.28
0.809	30.54	6.96	0.27	4.55	362.49	0.0	42.28
0.811	30.54	6.96	0.57	4.51	378.81	0.0	42.28
0.817	30.54	6.96	0.84	4.52	358.56	0.0	42.28
0.826	30.54	6.96	0.65	4.52	372.11	0.0	42.28
0.827	30.54	6.96	0.61	4.5	368.08	0.0	42.28
0.832	30.54	6.96	0.65	4.54	360.15	0.0	42.28
0.835	30.54	6.96	0.57	4.53	356.33	0.0	42.28
0.837	30.54	6.96	0.38	4.55	372.46	0.0	42.28
0.843	30.54	6.96	0.53	4.52	354.68	0.0	42.28
0.846	30.54	6.96	0.8	4.5	415.61	0.0	42.28
0.855	30.54	6.96	0.69	4.41	361.32	0.0	42.28
0.859	30.54	6.96	0.69	4.38	408.64	0.0	42.28
0.863	30.54	6.96	0.76	4.43	362.74	0.0	42.28

0.867	30.54	6.96	0.5	4.63	417.64	0.0	42.28
0.872	30.54	6.96	0.72	4.67	381.37	0.0	42.28
0.874	30.54	6.96	0.69	4.66	381.9	0.0	42.28
0.877	30.54	6.96	0.57	4.62	386.98	0.0	42.28
0.882	30.54	6.96	0.92	4.43	375.4	0.0	42.28
0.891	30.54	6.96	0.61	4.54	393.94	0.0	42.28
0.892	30.54	6.96	0.84	4.53	390.58	0.0	42.28
0.904	30.54	6.96	0.69	4.49	384.65	0.0	42.28
0.907	30.54	6.96	0.57	4.38	403.37	0.0	42.28
0.914	30.54	6.96	0.84	4.36	385.81	0.0	42.28
0.925	30.54	6.96	0.69	4.36	357.49	0.0	42.28
0.926	30.54	6.96	0.84	4.44	352.06	0.0	42.28
0.927	30.54	6.96	0.5	4.48	378.55	0.0	42.28
0.938	30.54	6.96	0.46	4.5	400.48	0.0	42.28
0.939	30.54	6.96	0.38	4.47	375.49	0.0	42.28
0.943	30.54	6.96	0.84	4.43	400.02	0.0	42.28
0.95	30.54	6.96	0.76	4.44	366.46	0.0	42.28
0.954	30.54	6.96	0.69	4.58	372.63	0.0	42.28
0.956	30.54	6.96	0.57	4.57	375.23	0.0	42.28
0.968	30.54	6.96	0.8	4.59	360.48	0.0	42.28
0.98	30.54	6.96	0.61	4.6	351.65	0.0	42.28
0.983	30.54	6.96	0.53	4.45	363.92	0.0	42.28
0.984	30.54	6.96	0.65	4.45	344.23	0.0	42.28
0.991	30.54	6.96	0.53	4.46	355.09	0.0	42.28
0.999	30.54	6.96	0.72	4.47	366.63	0.0	42.28
1.005	30.54	6.96	0.69	4.46	352.14	0.0	42.28
1.008	30.54	6.96	0.72	4.48	343.2	0.0	42.28
1.015	30.54	6.96	0.61	4.51	355.83	0.0	42.28
1.016	30.54	6.96	0.69	4.53	359.9	0.0	42.28
1.026	30.54	6.96	0.57	4.42	365.95	0.0	42.28
1.028	30.54	6.96	0.61	4.39	363.08	0.0	42.28
1.038	30.54	6.96	0.69	4.36	366.63	0.0	42.28
1.04	30.54	6.96	0.61	4.47	375.84	0.0	42.28
1.042	30.54	6.96	0.72	4.51	376.97	0.0	42.28
1.047	30.54	6.96	0.61	4.53	369.28	0.0	42.28
1.049	30.54	6.96	0.65	4.63	392.39	0.0	42.28
1.053	30.54	6.96	0.76	4.61	358.56	0.0	42.28
1.061	30.54	6.96	0.53	4.57	388.86	0.0	42.28
1.063	30.54	6.96	0.69	4.53	371.16	0.0	42.28
1.068	30.54	6.96	0.72	4.44	393.94	0.0	42.28
1.071	30.54	6.96	0.84	4.55	332.32	0.0	42.29
1.076	30.54	6.96	0.95	4.54	332.86	0.0	42.29
1.081	30.54	6.96	0.8	4.53	348.32	0.0	42.28
1.09	30.54	6.96	0.72	4.53	305.22	0.0	42.28
1.091	30.54	6.96	0.84	4.54	342.48	0.0	42.29
1.094	30.54	6.96	0.61	4.52	340.82	0.0	42.29
1.105	30.54	6.96	0.61	4.51	352.79	0.0	42.28
1.119	30.54	6.96	0.65	4.51	345.03	0.0	42.28
1.126	30.54	6.96	0.61	4.52	330.86	0.0	42.29
1.13	30.54	6.96	0.65	4.53	343.04	0.0	42.29
1.131	30.54	6.96	0.65	4.54	336.89	0.0	42.29
1.134	30.54	6.96	0.76	4.56	345.35	0.0	42.29
1.147	30.54	6.96	0.65	4.58	331.47	0.0	42.29
1.15	30.54	6.96	0.65	4.61	330.24	0.0	42.29
1.154	30.54	6.96	0.84	4.64	313.9	0.0	42.29
1.157	30.54	6.96	0.88	4.63	331.78	0.0	42.28
1.162	30.54	6.96	0.69	4.59	329.48	0.0	42.29
1.174	30.54	6.96	0.72	4.56	329.02	0.0	42.29

1.188	30.54	6.96	0.57	4.55	337.91	0.0	42.29
1.194	30.54	6.96	0.53	4.53	316.45	0.0	42.28
1.205	30.54	6.96	0.88	4.49	323.2	0.0	42.29
1.208	30.54	6.96	0.61	4.54	336.34	0.0	42.29
1.21	30.54	6.96	0.8	4.57	314.99	0.0	42.29
1.224	30.54	6.96	0.65	4.58	319.62	0.0	42.29
1.247	30.54	6.96	0.76	4.6	301.84	0.0	42.29
1.257	30.54	6.96	0.65	4.59	314.41	0.0	42.29
1.263	30.54	6.96	0.65	4.56	315.28	0.0	42.29
1.272	30.54	6.96	0.65	4.51	330.55	0.0	42.28
1.278	30.54	6.96	0.65	4.44	305.64	0.0	42.29
1.282	30.54	6.96	0.5	4.37	292.14	0.0	42.29
1.286	30.54	6.96	0.76	4.29	300.31	0.0	42.29
1.302	30.54	6.96	0.8	4.21	308.35	0.0	42.29
1.325	30.54	6.96	0.72	4.17	319.85	0.0	42.29
1.346	30.54	6.96	0.69	4.19	283.66	0.0	42.28
1.362	30.54	6.96	0.69	4.24	304.51	0.0	42.29
1.375	30.54	6.96	0.61	4.29	293.97	0.0	42.29
1.387	30.54	6.96	0.65	4.35	292.47	0.0	42.29
1.395	30.54	6.96	0.72	4.47	280.33	0.0	42.29
1.399	30.54	6.96	0.61	4.48	298.5	0.0	42.29
1.416	30.54	6.96	0.69	4.45	295.13	0.0	42.29
1.435	30.54	6.96	0.8	4.44	287.1	0.0	42.28
1.459	30.54	6.96	0.57	4.44	275.05	0.0	42.29
1.48	30.54	6.96	0.53	4.46	281.57	0.0	42.28
1.488	30.54	6.96	0.69	4.48	288.44	0.0	42.28
1.493	30.54	6.96	0.88	4.5	280.98	0.0	42.29
1.5	30.54	6.96	0.69	4.52	284.39	0.0	42.29
1.52	30.54	6.96	0.69	4.56	275.69	0.0	42.29
1.557	30.54	6.96	0.72	4.61	274.48	0.0	42.29
1.601	30.54	6.96	0.53	4.64	273.21	0.0	42.29
1.63	30.54	6.96	0.65	4.64	270.0	0.0	42.28
1.634	30.54	6.96	0.72	4.6	282.22	0.0	42.28
1.635	30.54	6.96	0.88	4.53	279.16	0.0	42.29
1.649	30.54	6.96	0.53	4.46	270.25	0.0	42.29
1.677	30.54	6.96	0.61	4.44	259.69	0.0	42.29
1.705	30.54	6.96	0.72	4.41	267.38	0.0	42.28
1.72	30.55	6.96	0.5	4.39	271.38	0.0	42.28
1.729	30.54	6.96	0.57	4.38	273.08	0.0	42.29
1.743	30.54	6.96	0.65	4.4	269.25	0.0	42.29
1.762	30.54	6.96	0.76	4.43	262.04	0.0	42.28
1.777	30.54	6.96	0.61	4.47	259.27	0.0	42.29
1.786	30.54	6.96	0.61	4.48	254.74	0.0	42.28
1.797	30.55	6.96	0.76	4.47	262.23	0.0	42.29
1.811	30.55	6.96	0.65	4.45	270.56	0.0	42.28
1.817	30.55	6.96	0.57	4.45	253.97	0.0	42.28
1.824	30.55	6.96	0.76	4.42	254.62	0.0	42.29
1.841	30.55	6.96	0.72	4.38	256.93	0.0	42.29
1.856	30.55	6.96	0.72	4.34	249.13	0.0	42.28
1.862	30.55	6.96	0.76	4.36	255.63	0.0	42.29
1.867	30.55	6.96	0.61	4.4	257.89	0.0	42.29
1.869	30.55	6.96	0.53	4.47	245.29	0.0	42.29
1.88	30.55	6.96	0.72	4.49	256.16	0.0	42.29
1.894	30.55	6.96	0.69	4.54	250.23	0.0	42.29
1.91	30.55	6.96	0.69	4.6	250.29	0.0	42.29
1.925	30.55	6.96	0.84	4.61	249.83	0.0	42.29
1.937	30.55	6.96	0.69	4.6	252.33	0.0	42.29
1.948	30.55	6.96	0.65	4.59	244.44	0.0	42.29

1.958	30.55	6.96	0.76	4.58	243.48	0.0	42.29
1.968	30.55	6.96	0.57	4.57	250.7	0.0	42.29
1.984	30.55	6.96	0.69	4.55	241.46	0.0	42.29
2.01	30.55	6.96	0.65	4.54	243.54	0.0	42.29
2.038	30.55	6.96	0.69	4.54	244.39	0.0	42.29
2.064	30.55	6.96	0.61	4.55	237.19	0.0	42.29
2.09	30.55	6.96	0.65	4.55	238.46	0.0	42.29
2.111	30.55	6.96	0.72	4.57	236.47	0.0	42.29
2.134	30.55	6.97	0.88	4.6	236.53	0.0	42.29
2.162	30.55	6.97	0.69	4.63	234.02	0.0	42.29
2.181	30.55	6.96	0.72	4.64	230.9	0.0	42.29
2.186	30.55	6.97	0.57	4.64	232.13	0.0	42.29
2.196	30.55	6.97	0.65	4.61	233.1	0.0	42.3
2.227	30.55	6.97	0.61	4.59	223.94	0.0	42.3
2.259	30.55	6.97	0.57	4.57	225.19	0.0	42.29
2.277	30.55	6.97	0.65	4.52	227.44	0.0	42.3
2.284	30.55	6.97	0.8	4.46	227.02	0.0	42.31
2.295	30.55	6.97	0.76	4.4	225.92	0.0	42.3
2.307	30.55	6.97	0.8	4.36	225.03	0.0	42.3
2.321	30.55	6.97	0.69	4.34	219.98	0.0	42.31
2.335	30.55	6.97	0.53	4.38	224.2	0.0	42.32
2.345	30.55	6.97	0.84	4.43	221.2	0.0	42.31
2.353	30.55	6.97	0.8	4.46	222.64	0.0	42.31
2.362	30.55	6.97	0.76	4.5	223.06	0.0	42.32
2.381	30.55	6.97	0.84	4.54	218.1	0.0	42.33
2.403	30.55	6.97	0.61	4.55	216.74	0.0	42.33
2.421	30.55	6.97	0.72	4.46	218.66	0.0	42.34
2.422	30.55	6.97	0.72	4.45	221.92	0.0	42.33
2.428	30.55	6.97	0.69	4.48	217.14	0.0	42.33
2.445	30.55	6.97	0.72	4.52	210.99	0.0	42.34
2.469	30.56	6.97	0.69	4.54	215.04	0.0	42.34
2.485	30.56	6.97	0.76	4.55	215.24	0.0	42.33
2.497	30.56	6.97	0.65	4.53	213.15	0.0	42.34
2.509	30.56	6.97	0.76	4.52	212.56	0.0	42.35
2.522	30.56	6.97	0.61	4.5	210.55	0.0	42.34
2.528	30.56	6.97	0.65	4.5	205.49	0.0	42.34
2.534	30.56	6.97	0.8	4.47	206.78	0.0	42.35
2.543	30.55	6.97	0.76	4.44	212.51	0.0	42.35
2.552	30.56	6.97	0.65	4.44	210.5	0.0	42.35
2.568	30.56	6.97	0.57	4.43	206.63	0.0	42.35
2.589	30.56	6.97	0.72	4.42	207.83	0.0	42.35
2.608	30.56	6.97	0.8	4.39	204.49	0.0	42.35
2.627	30.56	6.98	0.69	4.38	207.79	0.0	42.35
2.649	30.56	6.98	0.69	4.37	207.5	0.0	42.35
2.667	30.56	6.97	0.53	4.38	207.26	0.0	42.35
2.688	30.56	6.98	0.84	4.4	208.12	0.0	42.35
2.708	30.56	6.98	0.76	4.43	207.98	0.0	42.35
2.716	30.56	6.98	0.84	4.46	203.12	0.0	42.35
2.721	30.56	6.98	0.69	4.48	204.82	0.0	42.36
2.734	30.56	6.98	0.69	4.5	204.87	0.0	42.36
2.753	30.56	6.98	0.76	4.49	205.44	0.0	42.36
2.768	30.56	6.98	0.8	4.5	205.49	0.0	42.36
2.784	30.56	6.98	0.76	4.46	204.39	0.0	42.36
2.801	30.56	6.98	0.76	4.42	195.68	0.0	42.36
2.802	30.56	6.98	0.76	4.35	206.2	0.0	42.36
2.813	30.56	6.98	0.76	4.36	205.44	0.0	42.36
2.835	30.56	6.98	0.61	4.38	195.5	0.0	42.36
2.86	30.56	6.98	0.8	4.4	197.09	0.0	42.37

2.871	30.56	6.98	0.8	4.46	214.14	0.0	42.37
2.881	30.56	6.98	0.61	4.46	202.79	0.0	42.37
2.898	30.56	6.98	0.57	4.46	204.63	0.0	42.37
2.912	30.56	6.98	0.76	4.46	200.83	0.0	42.37
2.914	30.56	6.98	0.69	4.45	219.26	0.0	42.37
2.915	30.56	6.98	0.76	4.46	212.9	0.0	42.37
2.931	30.56	6.98	0.72	4.45	210.5	0.0	42.37
2.956	30.56	6.98	0.84	4.42	204.02	0.0	42.37
2.977	30.56	6.98	0.69	4.35	213.75	0.0	42.37
2.989	30.56	6.98	0.88	4.29	221.2	0.0	42.37
2.993	30.56	6.98	0.72	4.23	217.44	0.0	42.37
2.998	30.56	6.98	0.76	4.19	216.24	0.0	42.37
3.007	30.56	6.98	0.72	4.19	226.34	0.0	42.37
3.022	30.56	6.98	0.8	4.2	212.02	0.0	42.37
3.034	30.56	6.98	0.65	4.24	223.58	0.0	42.37
3.043	30.56	6.98	0.65	4.3	235.38	0.0	42.37
3.053	30.56	6.98	0.72	4.34	244.33	0.0	42.37
3.055	30.56	6.98	0.72	4.36	233.48	0.0	42.37
3.061	30.56	6.98	0.72	4.35	235.54	0.0	42.37
3.078	30.56	6.98	0.8	4.33	240.01	0.0	42.37
3.101	30.56	6.98	0.76	4.29	246.38	0.0	42.37
3.123	30.56	6.98	0.53	4.25	230.2	0.0	42.37
3.139	30.56	6.98	0.76	4.23	223.68	0.0	42.38
3.146	30.56	6.98	0.84	4.24	255.27	0.0	42.38
3.148	30.56	6.98	0.8	4.28	250.17	0.0	42.38
3.159	30.56	6.98	0.57	4.35	247.29	0.0	42.38
3.178	30.56	6.98	0.88	4.43	259.93	0.0	42.38
3.188	30.56	6.98	0.84	4.52	260.17	0.0	42.38
3.189	30.55	6.98	0.84	4.63	260.59	0.0	42.38
3.198	30.55	6.98	0.72	4.65	278.58	0.0	42.38
3.217	30.55	6.98	0.76	4.65	272.96	0.0	42.38
3.241	30.55	6.98	0.72	4.64	276.65	0.0	42.38
3.255	30.55	6.98	0.88	4.56	330.4	0.0	42.39
3.274	30.55	6.98	0.8	4.55	277.1	0.0	42.39
3.295	30.56	6.98	0.84	4.56	294.51	0.0	42.38
3.306	30.56	6.98	0.92	4.57	307.2	0.0	42.39
3.312	30.56	6.98	0.76	4.57	274.73	0.0	42.39
3.325	30.56	6.98	0.92	4.55	271.94	0.0	42.39
3.337	30.56	6.98	0.8	4.54	338.3	0.0	42.39
3.344	30.56	6.98	0.72	4.55	288.1	0.0	42.39
3.346	30.56	6.98	0.88	4.56	316.67	0.0	42.39
3.35	30.56	6.98	0.76	4.56	334.4	0.0	42.39
3.356	30.56	6.98	0.84	4.56	271.13	0.0	42.39
3.366	30.56	6.98	0.84	4.57	265.71	0.0	42.4
3.378	30.56	6.98	0.69	4.58	319.33	0.0	42.4
3.387	30.56	6.98	0.76	4.57	259.39	0.0	42.4
3.389	30.56	6.98	0.8	4.56	263.75	0.0	42.4
3.392	30.56	6.98	0.8	4.54	306.99	0.0	42.4
3.399	30.56	6.98	0.76	4.51	268.25	0.0	42.4
3.412	30.56	6.98	0.72	4.47	279.48	0.0	42.4
3.426	30.56	6.98	0.92	4.45	283.07	0.0	42.4
3.433	30.56	6.98	0.8	4.43	237.02	0.0	42.4
3.44	30.56	6.98	0.95	4.44	251.05	0.0	42.4
3.453	30.56	6.98	0.88	4.48	267.38	0.0	42.4
3.464	30.56	6.98	0.69	4.48	264.0	0.0	42.4
3.47	30.56	6.98	0.99	4.47	244.44	0.0	42.4
3.475	30.56	6.98	0.92	4.47	239.29	0.0	42.4
3.479	30.56	6.98	0.65	4.45	238.29	0.0	42.4

3.485	30.56	6.98	0.88	4.41	262.9	0.0	42.4
3.498	30.56	6.98	0.92	4.35	229.61	0.0	42.4
3.505	30.56	6.98	0.8	4.08	214.89	0.0	42.4
3.512	30.56	6.98	0.61	4.01	203.78	0.0	42.4
3.519	30.56	6.98	0.72	3.98	221.0	0.0	42.4
3.523	30.56	6.98	0.8	3.95	228.66	0.0	42.4
3.525	30.56	6.98	0.84	3.95	215.34	0.0	42.4
3.531	30.56	6.98	0.84	3.97	214.89	0.0	42.4
3.536	30.56	6.98	0.72	3.99	227.23	0.0	42.4
3.543	30.56	6.98	0.69	4.04	211.33	0.0	42.4
3.555	30.56	6.98	0.84	4.09	211.04	0.0	42.4
3.571	30.56	6.98	0.69	4.14	231.06	0.0	42.4
3.581	30.56	6.98	0.8	4.21	221.2	0.0	42.4
3.587	30.56	6.98	0.69	4.29	223.78	0.0	42.4
3.592	30.56	6.98	0.84	4.3	223.99	0.0	42.4
3.605	30.56	6.98	0.8	4.29	224.15	0.0	42.4
3.627	30.56	6.98	0.88	4.28	223.94	0.0	42.4
3.644	30.56	6.98	0.88	4.24	235.33	0.0	42.4
3.655	30.56	6.98	0.72	4.19	228.29	0.0	42.4
3.664	30.56	6.98	0.76	4.12	241.63	0.0	42.4
3.676	30.56	6.98	0.61	4.05	225.5	0.0	42.4
3.681	30.56	6.98	0.88	3.98	244.44	0.0	42.4
3.688	30.56	6.98	0.88	3.93	255.03	0.0	42.4
3.701	30.56	6.98	0.76	3.89	221.0	0.0	42.4
3.712	30.56	6.98	0.99	3.85	236.47	0.0	42.4
3.72	30.56	6.98	1.03	3.82	228.92	0.0	42.4
3.725	30.56	6.98	0.84	3.82	231.7	0.0	42.4
3.728	30.56	6.98	0.76	3.84	221.2	0.0	42.4
3.735	30.56	6.98	0.84	3.87	219.42	0.0	42.4
3.744	30.56	6.98	0.92	3.9	225.71	0.0	42.4
3.752	30.56	6.98	0.76	3.9	221.15	0.0	42.4
3.762	30.56	6.98	0.69	3.88	210.55	0.0	42.4
3.764	30.56	6.98	0.76	3.83	211.14	0.0	42.4
3.765	30.56	6.98	0.99	3.78	216.39	0.0	42.4
3.772	30.56	6.98	0.88	3.75	211.67	0.0	42.4
3.787	30.56	6.98	0.84	3.73	190.75	0.0	42.4
3.807	30.56	6.98	1.11	3.73	189.78	0.0	42.4
3.826	30.56	6.98	0.72	3.73	199.02	0.0	42.4
3.837	30.56	6.98	0.95	3.74	193.83	0.0	42.4
3.839	30.56	6.98	0.88	3.9	172.82	0.0	42.41
3.845	30.56	6.98	0.95	4.0	175.44	0.0	42.41
3.86	30.56	6.98	0.88	4.07	174.79	0.0	42.41
3.878	30.56	6.98	0.8	4.14	163.58	0.0	42.41
3.889	30.56	6.98	0.99	4.24	163.54	0.0	42.41
3.892	30.57	6.99	0.84	4.46	164.95	0.0	42.41
3.901	30.57	6.99	0.8	4.55	161.14	0.0	42.41
3.92	30.57	6.99	0.84	4.64	159.1	0.0	42.42
3.941	30.57	6.99	0.88	4.75	161.29	0.0	42.42
3.949	30.57	6.99	0.95	4.86	158.21	0.0	42.42
3.953	30.57	6.99	0.88	4.86	159.17	0.0	42.42
3.971	30.57	6.99	0.76	4.84	157.66	0.0	42.42
3.993	30.57	6.99	0.88	4.83	153.2	0.0	42.42
4.013	30.57	6.99	0.8	4.83	149.83	0.0	42.42
4.023	30.57	6.99	0.88	4.81	154.34	0.0	42.42
4.026	30.57	6.99	0.84	4.78	155.92	0.0	42.42
4.032	30.57	6.99	0.84	4.76	149.83	0.0	42.42
4.047	30.57	6.99	0.76	4.73	146.73	0.0	42.42
4.074	30.57	6.99	0.84	4.69	148.51	0.0	42.42

4.083	30.57	6.99	0.92	4.57	145.65	0.0	42.42
4.097	30.57	6.99	0.76	4.54	141.52	0.0	42.42
4.121	30.57	6.99	1.11	4.54	138.09	0.0	42.42
4.146	30.57	6.99	0.8	4.58	135.83	0.0	42.42
4.159	30.57	6.99	0.99	4.61	137.83	0.0	42.43
4.162	30.57	6.99	0.88	4.6	135.83	0.0	42.43
4.163	30.57	6.99	0.8	4.59	134.49	0.0	42.43
4.172	30.57	6.99	0.95	4.59	133.99	0.0	42.43
4.198	30.58	6.99	0.84	4.59	133.25	0.0	42.43
4.222	30.58	6.99	0.88	4.64	131.07	0.0	42.43
4.232	30.58	6.99	0.84	4.68	130.8	0.0	42.43
4.236	30.58	6.99	0.88	4.69	131.47	0.0	42.43
4.242	30.58	6.99	0.72	4.68	130.07	0.0	42.43
4.259	30.58	6.99	0.99	4.69	125.86	0.0	42.43
4.287	30.58	6.99	0.99	4.7	124.32	0.0	42.43
4.304	30.58	6.99	0.8	4.64	126.89	0.0	42.43
4.309	30.58	6.99	0.84	4.61	127.59	0.0	42.43
4.318	30.58	6.99	1.07	4.58	126.18	0.0	42.43
4.331	30.57	6.99	0.8	4.57	126.18	0.0	42.43
4.339	30.57	6.99	0.92	4.6	126.09	0.0	42.43
4.341	30.57	6.99	0.72	4.63	124.84	0.0	42.43
4.346	30.58	6.99	0.92	4.65	124.04	0.0	42.43
4.364	30.58	6.99	0.76	4.66	124.01	0.0	42.43
4.387	30.58	6.99	1.07	4.69	122.75	0.0	42.43
4.391	30.58	6.99	0.99	4.74	123.81	0.0	42.43
4.406	30.58	6.99	0.95	4.71	122.13	0.0	42.43
4.433	30.58	6.99	0.84	4.7	120.52	0.0	42.44
4.456	30.58	6.99	0.84	4.7	119.52	0.0	42.44
4.459	30.59	6.99	0.95	4.7	119.49	0.0	42.44
4.475	30.59	6.99	0.76	4.67	119.47	0.0	42.44
4.501	30.59	6.99	0.8	4.67	119.08	0.01	42.44
4.521	30.59	6.99	0.8	4.67	118.2	0.0	42.44
4.525	30.59	6.99	0.92	4.68	116.95	0.0	42.44
4.527	30.59	6.99	0.84	4.67	117.24	0.0	42.44
4.536	30.59	6.99	0.92	4.63	117.13	0.0	42.44
4.553	30.59	6.99	0.88	4.63	117.16	0.0	42.44
4.58	30.59	6.99	0.88	4.64	116.27	0.0	42.44
4.6	30.59	6.99	0.88	4.66	114.48	0.0	42.44
4.609	30.59	6.99	0.92	4.66	113.05	0.0	42.44
4.619	30.59	6.99	0.92	4.64	113.13	0.0	42.44
4.628	30.59	6.99	0.84	4.6	114.29	0.0	42.44
4.639	30.59	6.99	0.8	4.58	114.8	0.0	42.44
4.653	30.59	6.99	0.95	4.61	113.5	0.0	42.44
4.678	30.59	6.99	1.14	4.6	112.5	0.0	42.44
4.683	30.59	6.99	0.92	4.61	112.56	0.0	42.44
4.686	30.59	6.99	0.95	4.63	112.79	0.01	42.44
4.695	30.59	6.99	0.88	4.62	112.77	0.0	42.44
4.713	30.59	6.99	0.92	4.65	111.34	0.0	42.44
4.731	30.59	6.99	0.88	4.66	109.14	0.0	42.44
4.743	30.59	6.99	0.76	4.64	109.29	0.0	42.44
4.75	30.59	6.99	0.8	4.64	110.62	0.0	42.44
4.757	30.59	6.99	1.11	4.64	109.85	0.0	42.44
4.765	30.6	6.99	0.88	4.64	108.79	0.0	42.44
4.778	30.6	6.99	0.95	4.62	108.41	0.0	42.44
4.796	30.6	6.99	0.84	4.62	108.43	0.0	42.44
4.815	30.6	6.99	0.88	4.63	107.31	0.0	42.44
4.83	30.6	6.99	1.03	4.65	106.12	0.0	42.44
4.843	30.6	6.99	0.99	4.67	104.92	0.0	42.44

4.861	30.6	6.99	0.95	4.69	105.14	0.02	42.44
4.884	30.6	6.99	1.11	4.7	105.7	0.0	42.44
4.901	30.6	6.99	0.99	4.7	104.75	0.0	42.44
4.907	30.6	6.99	0.92	4.7	102.85	0.0	42.44
4.917	30.6	6.99	0.92	4.67	103.47	0.0	42.44
4.931	30.6	6.99	1.11	4.63	104.27	0.0	42.44
4.941	30.6	6.99	0.84	4.62	103.12	0.0	42.44
4.951	30.6	6.99	0.92	4.62	101.95	0.0	42.44
4.961	30.6	6.99	0.92	4.63	101.55	0.0	42.44
4.974	30.6	6.99	0.88	4.62	101.55	0.0	42.44
4.982	30.6	6.99	0.84	4.62	102.59	0.0	42.44
4.988	30.6	6.99	0.92	4.61	101.22	0.0	42.44
5.009	30.6	6.99	0.99	4.59	99.32	0.0	42.44
5.038	30.6	6.99	0.84	4.6	99.18	0.0	42.44
5.053	30.6	6.99	0.99	4.63	99.55	0.0	42.44
5.06	30.59	6.99	0.92	4.66	99.04	0.0	42.44
5.07	30.59	6.99	0.88	4.67	98.76	0.01	42.44
5.083	30.59	6.99	0.92	4.67	98.63	0.0	42.44
5.098	30.59	6.99	0.76	4.66	98.15	0.01	42.44
5.117	30.59	6.99	0.95	4.67	96.55	0.0	42.44
5.138	30.59	6.99	0.95	4.68	96.06	0.0	42.44
5.142	30.6	6.99	0.84	4.69	96.44	0.02	42.44
5.157	30.6	6.99	0.95	4.68	95.88	0.0	42.44
5.184	30.6	6.99	0.95	4.69	95.59	0.0	42.44
5.207	30.6	6.99	0.69	4.7	95.1	0.0	42.44
5.224	30.6	6.99	0.92	4.71	93.42	0.01	42.44
5.237	30.6	6.99	0.99	4.68	93.18	0.0	42.44
5.244	30.6	6.99	0.84	4.66	94.25	0.01	42.44
5.257	30.6	6.99	0.88	4.66	94.27	0.0	42.44
5.276	30.59	6.99	0.92	4.66	92.75	0.0	42.44
5.278	30.59	6.99	1.03	4.68	93.23	0.01	42.44
5.288	30.59	6.99	0.92	4.67	93.33	0.01	42.44
5.304	30.59	6.99	0.84	4.68	92.43	0.0	42.44
5.322	30.59	6.99	0.88	4.69	91.41	0.0	42.44
5.339	30.59	6.99	0.92	4.68	91.03	0.0	42.44
5.355	30.59	6.99	1.11	4.69	90.12	0.02	42.44
5.386	30.59	6.99	0.99	4.69	90.1	0.05	42.44
5.405	30.59	6.99	0.88	4.73	89.19	0.01	42.44
5.407	30.59	6.99	0.92	4.71	88.9	0.0	42.44
5.412	30.59	6.99	0.8	4.68	89.33	0.0	42.44
5.429	30.59	6.99	0.92	4.68	88.92	0.0	42.44
5.459	30.59	6.99	0.8	4.68	87.84	0.0	42.44
5.487	30.59	6.99	0.92	4.69	87.37	0.0	42.44
5.499	30.59	6.99	0.92	4.71	86.84	0.0	42.44
5.507	30.59	6.99	0.92	4.71	86.14	0.0	42.44
5.518	30.59	6.99	0.95	4.71	86.46	0.0	42.44
5.534	30.59	6.99	0.92	4.72	86.48	0.02	42.44
5.561	30.59	6.99	0.99	4.71	85.29	0.02	42.44
5.59	30.59	6.99	0.84	4.69	84.62	0.0	42.44
5.609	30.59	6.99	0.92	4.66	83.7	0.0	42.44
5.617	30.59	6.99	0.95	4.64	84.15	0.0	42.44
5.625	30.59	6.99	0.95	4.61	84.44	0.0	42.44
5.637	30.59	6.99	0.92	4.61	84.27	0.03	42.44
5.647	30.59	6.99	1.03	4.62	83.66	0.0	42.44
5.658	30.59	6.99	1.03	4.62	82.87	0.0	42.44
5.673	30.59	6.99	0.88	4.62	82.56	0.0	42.44
5.691	30.59	6.99	0.92	4.63	82.26	0.02	42.44
5.709	30.59	6.99	1.03	4.64	82.34	0.0	42.44

5.726	30.59	6.99	1.14	4.66	81.82	0.02	42.44
5.746	30.59	6.99	0.84	4.67	80.77	0.02	42.44
5.763	30.59	6.99	0.88	4.67	80.37	0.0	42.44
5.775	30.59	6.99	0.8	4.68	80.5	0.02	42.44
5.79	30.59	6.99	0.88	4.68	80.75	0.02	42.44
5.801	30.59	6.99	0.88	4.7	80.43	0.0	42.44
5.811	30.59	6.99	0.92	4.71	79.82	0.02	42.44
5.835	30.59	6.99	0.84	4.7	78.84	0.01	42.44
5.859	30.59	6.99	0.95	4.69	79.01	0.0	42.44
5.87	30.59	6.99	0.92	4.71	79.32	0.0	42.44
5.878	30.59	6.99	1.03	4.72	79.26	0.0	42.44
5.88	30.59	6.99	0.92	4.71	78.92	0.0	42.44
5.902	30.59	6.99	0.92	4.7	77.97	0.0	42.44
5.93	30.59	6.99	0.92	4.69	77.68	0.0	42.44
5.949	30.59	6.99	0.92	4.71	77.66	0.01	42.44
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5.991	30.6	6.99	0.92	4.69	76.96	0.0	42.44
6.005	30.6	6.99	0.92	4.68	77.52	0.0	42.44
6.017	30.6	6.99	0.84	4.65	77.18	0.0	42.44
6.02	30.6	6.99	0.8	4.65	78.19	0.03	42.44
6.028	30.6	6.99	0.92	4.68	77.72	0.03	42.44
6.05	30.6	6.99	1.07	4.69	77.25	0.02	42.44
6.076	30.6	6.99	0.92	4.7	77.75	0.0	42.44
6.087	30.59	6.99	0.84	4.71	79.36	0.02	42.44
6.09	30.59	6.99	0.84	4.71	80.21	0.0	42.44
6.095	30.59	6.99	0.76	4.72	80.17	0.01	42.44
6.103	30.59	6.99	0.88	4.74	80.86	0.02	42.44
6.111	30.59	6.99	0.84	4.75	81.12	0.02	42.44
6.112	30.59	6.99	0.72	4.77	83.49	0.05	42.44
6.115	30.59	6.99	1.22	4.77	83.95	0.01	42.44
6.123	30.59	6.99	1.03	4.77	84.05	0.05	42.44
6.131	30.59	6.99	1.03	4.75	84.05	0.03	42.44
6.141	30.59	6.99	0.88	4.74	84.66	0.03	42.44
6.146	30.59	6.99	0.72	4.74	85.39	0.0	42.44
6.158	30.59	6.99	0.88	4.74	86.28	0.03	42.44
6.181	30.59	6.99	0.88	4.73	85.88	0.0	42.44
6.195	30.59	6.99	0.99	4.73	85.25	0.56	42.44
6.204	30.59	6.99	0.95	4.73	85.13	0.82	42.44
6.211	30.59	6.99	0.84	4.75	86.48	0.7	42.44
6.218	30.59	6.99	0.84	4.78	88.12	0.86	42.44
6.226	30.59	6.99	0.95	4.79	87.61	1.03	42.44
6.229	30.59	6.99	0.84	4.7	87.35	1.05	42.44
6.233	30.59	6.99	0.92	4.61	88.45	0.94	42.44
6.242	30.59	6.99	0.84	4.55	89.04	1.06	42.44
6.243	30.59	6.99	1.14	4.51	90.94	1.11	42.44
6.249	30.59	6.99	0.84	4.48	90.84	0.99	42.44
6.261	30.59	6.99	0.84	4.43	89.33	0.97	42.44
6.281	30.59	6.99	0.92	4.39	88.16	1.04	42.44
6.29	30.59	6.99	0.8	4.32	87.73	1.01	42.44
6.303	30.59	6.99	0.72	4.3	85.84	1.01	42.44
6.319	30.59	6.99	0.76	4.31	85.9	0.99	42.44
6.321	30.59	6.99	0.95	4.56	63.22	0.7	42.43
6.329	30.59	6.99	0.88	4.58	61.77	0.7	42.44
6.341	30.59	6.99	0.88	4.61	61.24	0.71	42.43
6.348	30.59	6.99	0.8	4.63	60.42	0.7	42.43
6.352	30.59	6.99	0.72	4.65	59.22	0.71	42.43

6.359	30.59	6.99	0.84	4.52	58.02	0.76	42.43
6.36	30.59	6.99	0.8	4.52	57.15	0.79	42.43
6.364	30.59	6.99	0.88	4.54	56.2	0.78	42.43
6.372	30.59	6.99	0.69	4.57	55.72	0.76	42.43
6.376	30.58	6.99	0.84	4.58	55.32	0.75	42.44
6.379	30.58	6.99	0.88	4.59	54.62	0.78	42.43
6.38	30.58	6.99	0.88	4.57	54.29	0.78	42.43
6.385	30.58	6.99	0.8	4.56	54.01	0.75	42.43
6.386	30.58	6.99	0.92	4.25	53.6	0.79	42.43
6.389	30.57	6.99	0.88	4.19	53.38	0.8	42.43
6.391	30.57	6.99	0.99	4.19	53.36	0.75	42.43
6.392	30.57	6.99	0.92	4.11	53.01	0.78	42.43
6.395	30.57	6.99	0.8	4.12	52.3	0.77	42.43
6.396	30.57	6.99	1.03	4.14	52.31	0.77	42.43
6.398	30.57	6.99	0.88	4.19	52.43	0.75	42.43
6.4	30.57	6.99	0.88	4.23	51.94	0.76	42.43
6.401	30.57	6.99	0.88	4.22	51.34	0.75	42.43
6.404	30.57	6.99	1.03	4.19	51.18	0.77	42.43
6.405	30.57	6.99	1.11	4.17	50.85	0.74	42.43
6.406	30.57	6.99	1.07	4.15	51.04	0.77	42.43

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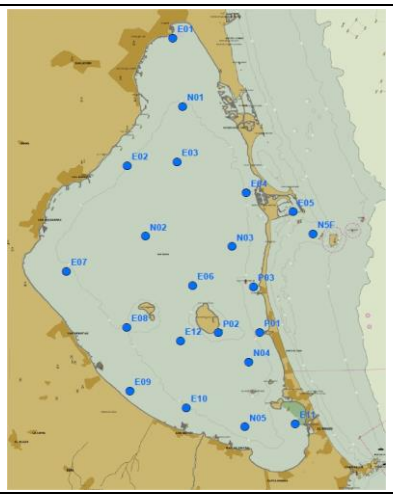

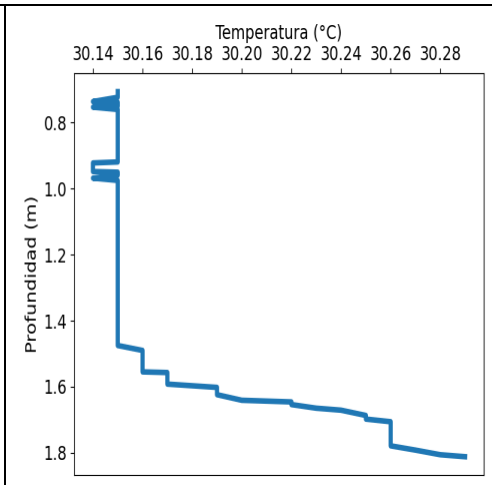

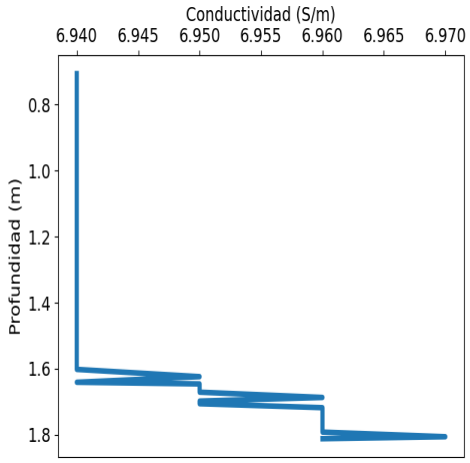

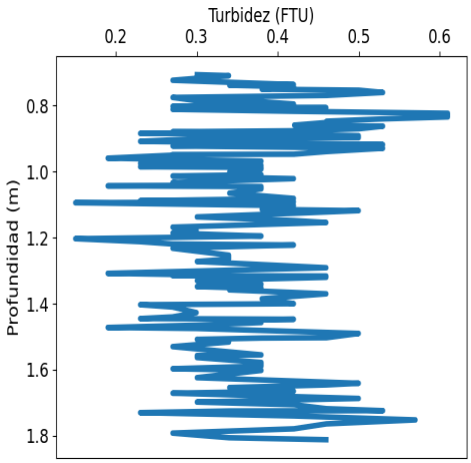

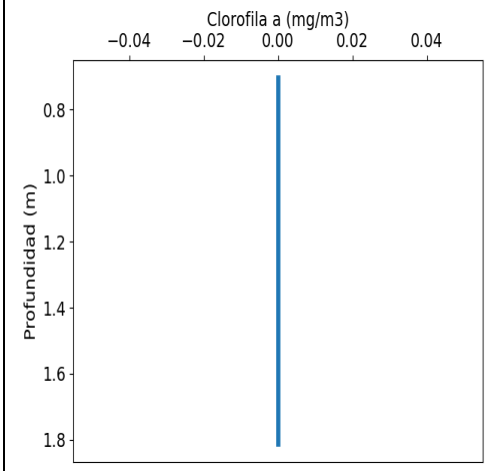

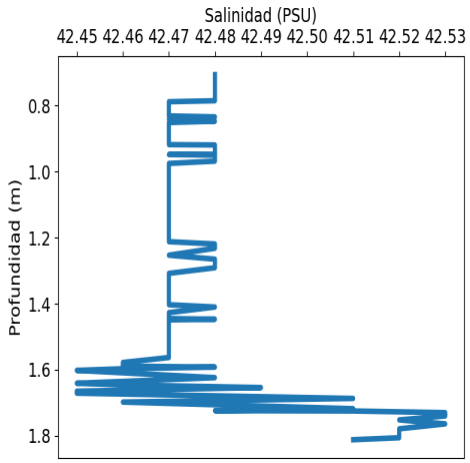

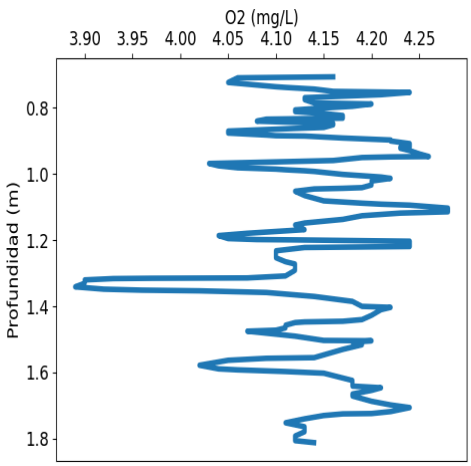

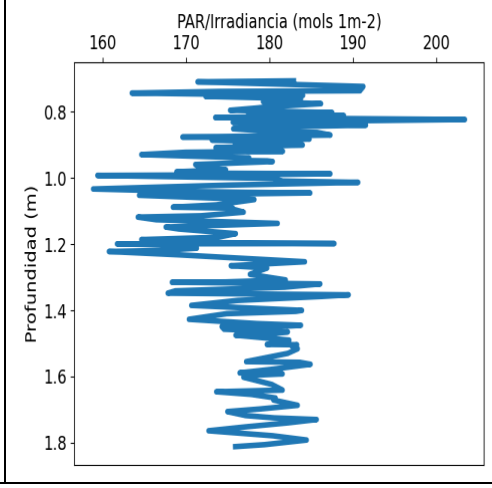

VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.14	6.94	0.15	3.89	158.84	0.0	42.45
PROF (metros)	0.736	0.706	1.094	1.341	1.033	0.706	1.602
MÁXIMO	30.29	30.29	0.61	4.28	203.4	0.0	42.53
PROF (metros)	1.812	1.806	0.823	1.103	0.823	0.706	1.73

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.15	6.94	0.39	4.15	178.75	0.0	42.47
1 - 2m	30.17	6.94	0.35	4.13	176.96	0.0	42.48

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)
0.706	30.15	6.94	0.3	4.16	182.92	0.0	42.48
0.709	30.15	6.94	0.34	4.06	171.34	0.0	42.48
0.723	30.15	6.94	0.27	4.05	191.24	0.0	42.48
0.736	30.14	6.94	0.42	4.1	190.84	0.0	42.48
0.738	30.15	6.94	0.34	4.11	174.11	0.0	42.48
0.743	30.15	6.94	0.42	4.14	163.47	0.0	42.48
0.75	30.15	6.94	0.38	4.16	184.02	0.0	42.48
0.753	30.14	6.94	0.5	4.24	172.3	0.0	42.48
0.76	30.15	6.94	0.53	4.21	183.77	0.0	42.48
0.769	30.15	6.94	0.46	4.13	179.18	0.0	42.48
0.775	30.15	6.94	0.27	4.13	186.17	0.0	42.48
0.785	30.15	6.94	0.3	4.14	179.6	0.0	42.48
0.788	30.15	6.94	0.38	4.2	178.52	0.0	42.47
0.795	30.15	6.94	0.42	4.18	175.24	0.0	42.47
0.802	30.15	6.94	0.27	4.14	187.51	0.0	42.47
0.806	30.15	6.94	0.46	4.12	177.41	0.0	42.47
0.811	30.15	6.94	0.27	4.12	188.91	0.0	42.47
0.817	30.15	6.94	0.42	4.15	173.46	0.0	42.47
0.823	30.15	6.94	0.61	4.17	203.4	0.0	42.47
0.831	30.15	6.94	0.61	4.17	175.56	0.0	42.47
0.834	30.15	6.94	0.61	4.09	180.27	0.0	42.48
0.84	30.15	6.94	0.53	4.08	191.55	0.0	42.47
0.847	30.15	6.94	0.46	4.16	177.41	0.0	42.48
0.851	30.15	6.94	0.46	4.16	175.61	0.0	42.47
0.859	30.15	6.94	0.42	4.15	180.35	0.0	42.47
0.862	30.15	6.94	0.53	4.12	185.69	0.0	42.47
0.87	30.15	6.94	0.5	4.05	187.29	0.0	42.47
0.876	30.15	6.94	0.42	4.05	169.53	0.0	42.47
0.879	30.15	6.94	0.27	4.07	183.98	0.0	42.47
0.882	30.15	6.94	0.38	4.09	184.79	0.0	42.47
0.884	30.15	6.94	0.23	4.1	181.61	0.0	42.47
0.885	30.15	6.94	0.38	4.13	173.06	0.0	42.47
0.891	30.15	6.94	0.5	4.17	182.41	0.0	42.47
0.897	30.15	6.94	0.5	4.22	175.81	0.0	42.47
0.9	30.15	6.94	0.3	4.22	183.98	0.0	42.47
0.908	30.15	6.94	0.23	4.24	173.5	0.0	42.47
0.918	30.15	6.94	0.53	4.24	177.28	0.0	42.47
0.919	30.15	6.94	0.34	4.23	181.61	0.0	42.48
0.922	30.14	6.94	0.27	4.23	169.92	0.0	42.48
0.929	30.14	6.94	0.53	4.24	164.61	0.0	42.48

0.939	30.14	6.94	0.46	4.25	177.57	0.0	42.48
0.947	30.14	6.94	0.42	4.26	176.99	0.0	42.48
0.948	30.14	6.94	0.27	4.22	179.72	0.0	42.47
0.95	30.15	6.94	0.27	4.19	180.39	0.0	42.48
0.959	30.15	6.94	0.19	4.16	171.07	0.0	42.48
0.968	30.14	6.94	0.38	4.03	171.66	0.0	42.48
0.975	30.15	6.94	0.23	4.04	174.79	0.0	42.47
0.981	30.15	6.94	0.38	4.06	168.82	0.0	42.47
0.985	30.15	6.94	0.23	4.1	170.75	0.0	42.47
0.987	30.15	6.94	0.38	4.11	187.29	0.0	42.47
0.99	30.15	6.94	0.38	4.13	177.28	0.0	42.47
0.992	30.15	6.94	0.38	4.14	159.35	0.0	42.47
1.001	30.15	6.94	0.34	4.17	180.43	0.0	42.47
1.009	30.15	6.94	0.38	4.21	181.57	0.0	42.47
1.013	30.15	6.94	0.27	4.22	190.62	0.0	42.47
1.021	30.15	6.94	0.42	4.2	175.44	0.0	42.47
1.033	30.15	6.94	0.27	4.2	158.84	0.0	42.47
1.041	30.15	6.94	0.3	4.19	171.22	0.0	42.47
1.043	30.15	6.94	0.19	4.17	177.04	0.0	42.47
1.045	30.15	6.94	0.38	4.14	184.88	0.0	42.47
1.052	30.15	6.94	0.38	4.12	164.34	0.0	42.47
1.065	30.15	6.94	0.34	4.13	178.19	0.0	42.47
1.081	30.15	6.94	0.42	4.15	173.62	0.0	42.47
1.088	30.15	6.94	0.23	4.19	168.39	0.0	42.47
1.091	30.15	6.94	0.42	4.21	175.61	0.0	42.47
1.094	30.15	6.94	0.15	4.24	175.61	0.0	42.47
1.103	30.15	6.94	0.42	4.28	176.91	0.0	42.47
1.114	30.15	6.94	0.38	4.28	171.78	0.0	42.47
1.118	30.15	6.94	0.5	4.23	164.19	0.0	42.47
1.126	30.15	6.94	0.42	4.19	166.41	0.0	42.47
1.137	30.15	6.94	0.3	4.17	180.98	0.0	42.47
1.148	30.15	6.94	0.42	4.13	167.53	0.0	42.47
1.154	30.15	6.94	0.46	4.12	169.13	0.0	42.47
1.168	30.15	6.94	0.27	4.13	175.97	0.0	42.47
1.179	30.15	6.94	0.3	4.07	173.78	0.0	42.47
1.186	30.15	6.94	0.27	4.04	164.61	0.0	42.47
1.195	30.15	6.94	0.38	4.05	172.58	0.0	42.47
1.198	30.15	6.94	0.3	4.08	187.77	0.0	42.47
1.199	30.15	6.94	0.27	4.12	161.7	0.0	42.47
1.203	30.15	6.94	0.15	4.24	169.45	0.0	42.47
1.212	30.15	6.94	0.23	4.24	171.3	0.0	42.47
1.219	30.15	6.94	0.27	4.24	166.76	0.0	42.48
1.222	30.15	6.94	0.42	4.13	160.73	0.0	42.48
1.232	30.15	6.94	0.27	4.1	169.09	0.0	42.48
1.253	30.15	6.94	0.34	4.1	184.24	0.0	42.47
1.265	30.15	6.94	0.34	4.11	175.32	0.0	42.48
1.272	30.15	6.94	0.3	4.12	179.72	0.0	42.48
1.291	30.15	6.94	0.46	4.12	177.61	0.0	42.48
1.308	30.15	6.94	0.19	4.11	181.94	0.0	42.47
1.314	30.15	6.94	0.34	4.07	174.71	0.0	42.47
1.315	30.15	6.94	0.27	3.97	168.27	0.0	42.47
1.316	30.15	6.94	0.46	3.93	172.34	0.0	42.47
1.32	30.15	6.94	0.46	3.9	186.08	0.0	42.47
1.33	30.15	6.94	0.3	3.9	181.78	0.0	42.47
1.341	30.15	6.94	0.38	3.89	168.7	0.0	42.47
1.348	30.15	6.94	0.3	3.92	167.77	0.0	42.47
1.351	30.15	6.94	0.34	3.96	181.19	0.0	42.47
1.353	30.15	6.94	0.38	4.02	189.48	0.0	42.47

1.358	30.15	6.94	0.34	4.09	186.17	0.0	42.47
1.37	30.15	6.94	0.46	4.14	176.14	0.0	42.47
1.385	30.15	6.94	0.38	4.18	170.59	0.0	42.47
1.4	30.15	6.94	0.42	4.19	183.89	0.0	42.47
1.403	30.15	6.94	0.23	4.22	183.13	0.0	42.47
1.41	30.15	6.94	0.27	4.21	174.87	0.0	42.48
1.427	30.15	6.94	0.3	4.2	170.31	0.0	42.47
1.44	30.15	6.94	0.27	4.19	178.48	0.0	42.47
1.445	30.15	6.94	0.23	4.17	183.77	0.0	42.47
1.447	30.15	6.94	0.42	4.13	182.54	0.0	42.48
1.449	30.15	6.94	0.38	4.12	174.23	0.0	42.47
1.457	30.15	6.94	0.38	4.11	174.51	0.0	42.47
1.465	30.15	6.94	0.3	4.11	182.2	0.0	42.47
1.472	30.15	6.94	0.19	4.1	179.97	0.0	42.47
1.475	30.15	6.94	0.3	4.07	175.89	0.0	42.47
1.49	30.16	6.94	0.5	4.12	182.37	0.0	42.47
1.503	30.16	6.94	0.46	4.15	179.64	0.0	42.47
1.504	30.16	6.94	0.38	4.2	183.3	0.0	42.47
1.508	30.16	6.94	0.3	4.18	182.62	0.0	42.47
1.516	30.16	6.94	0.34	4.19	183.38	0.0	42.47
1.53	30.16	6.94	0.27	4.17	182.16	0.0	42.47
1.555	30.16	6.94	0.38	4.14	177.16	0.0	42.47
1.557	30.17	6.94	0.3	4.09	183.6	0.0	42.47
1.563	30.17	6.94	0.3	4.05	184.92	0.0	42.47
1.578	30.17	6.94	0.38	4.02	180.31	0.0	42.46
1.589	30.17	6.94	0.38	4.04	176.38	0.0	42.46
1.592	30.17	6.94	0.34	4.06	181.57	0.0	42.48
1.597	30.18	6.94	0.27	4.11	177.28	0.0	42.46
1.602	30.19	6.94	0.38	4.15	176.83	0.0	42.45
1.624	30.19	6.95	0.3	4.18	180.27	0.0	42.48
1.641	30.2	6.94	0.5	4.18	181.57	0.0	42.45
1.646	30.22	6.95	0.46	4.21	173.58	0.0	42.46
1.654	30.22	6.95	0.34	4.2	177.78	0.0	42.49
1.665	30.23	6.95	0.42	4.18	180.73	0.0	42.45
1.671	30.24	6.95	0.27	4.18	180.43	0.0	42.45
1.687	30.25	6.96	0.5	4.2	183.38	0.0	42.51
1.698	30.25	6.95	0.3	4.22	178.89	0.0	42.46
1.706	30.26	6.95	0.42	4.24	174.91	0.0	42.48
1.718	30.26	6.96	0.46	4.22	177.12	0.0	42.51
1.724	30.26	6.96	0.53	4.2	179.97	0.0	42.48
1.725	30.26	6.96	0.34	4.17	180.52	0.0	42.51
1.73	30.26	6.96	0.23	4.15	185.65	0.0	42.53
1.74	30.26	6.96	0.42	4.13	182.2	0.0	42.53
1.752	30.26	6.96	0.57	4.11	177.2	0.0	42.52
1.764	30.26	6.96	0.46	4.13	172.66	0.0	42.53
1.779	30.26	6.96	0.42	4.13	180.35	0.0	42.52
1.792	30.27	6.96	0.27	4.12	184.45	0.0	42.52
1.806	30.28	6.97	0.34	4.12	179.39	0.0	42.52
1.812	30.29	6.96	0.46	4.14	175.85	0.0	42.51

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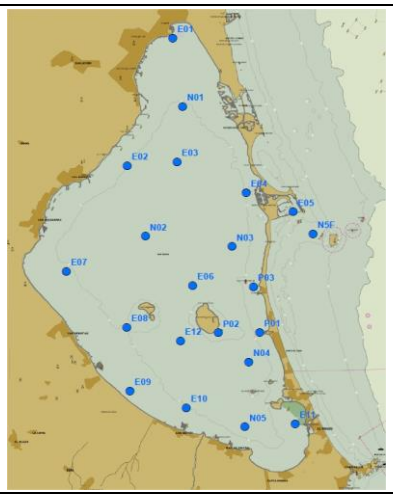
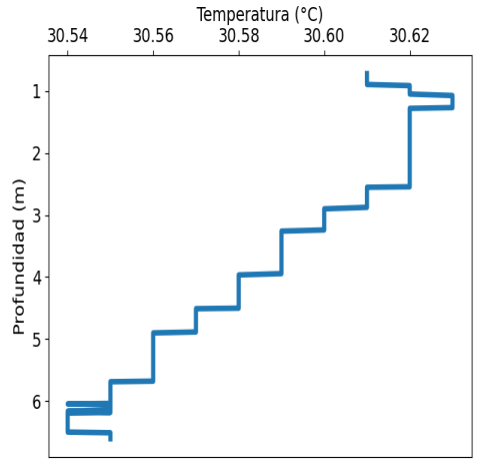
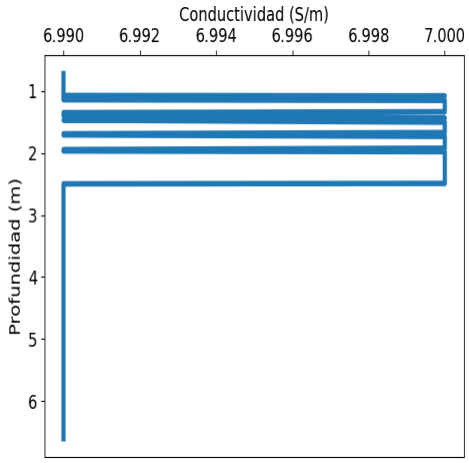
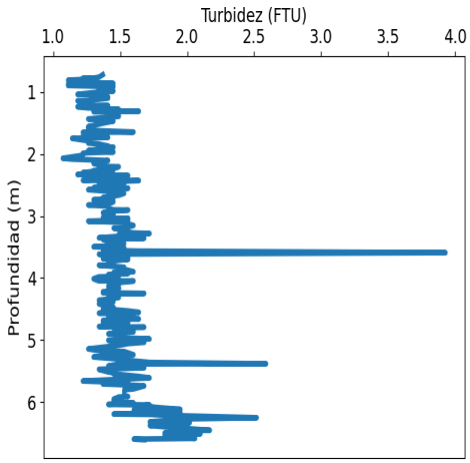
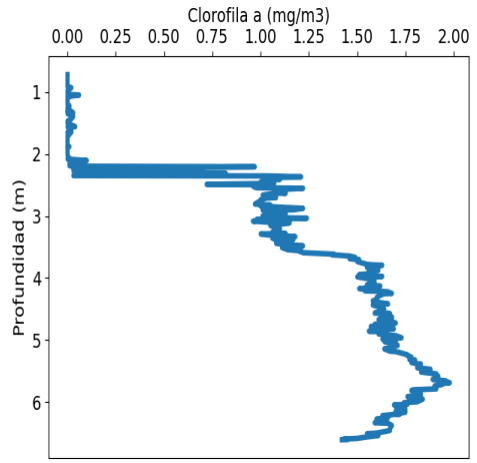
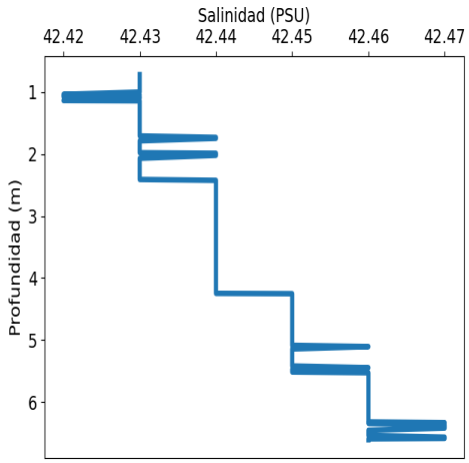


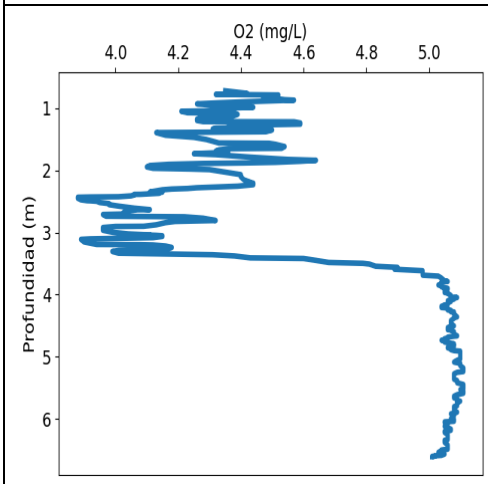


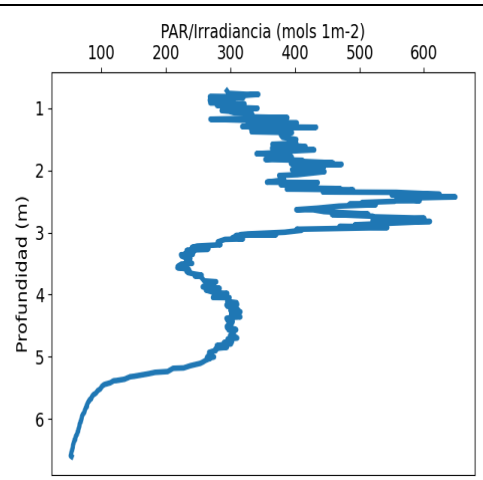


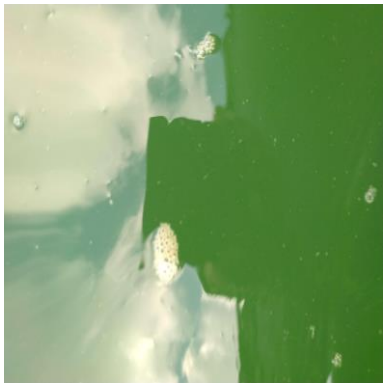












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.54	6.99	1.07	3.88	52.46	0.0	42.42
PROF (metros)	6.166	0.717	2.067	2.448	6.596	0.717	1.035
MÁXIMO	30.63	30.63	3.93	5.11	649.01	1.98	42.47
PROF (metros)	1.07	1.076	3.591	5.181	2.427	5.69	6.335

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.61	6.99	1.29	4.42	302.56	0.0	42.43
1 - 2m	30.62	7.0	1.34	4.36	374.7	0.01	42.43
2 - 3m	30.62	6.99	1.38	4.12	492.09	0.77	42.44
3 - 4m	30.59	6.99	1.52	4.57	263.89	1.27	42.44
4 - 5m	30.57	6.99	1.47	5.07	295.76	1.62	42.45
5 - 6m	30.56	6.99	1.52	5.09	142.48	1.8	42.46
6 - 7m	30.55	6.99	1.82	5.05	60.08	1.63	42.46

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)
0.717	30.61	6.99	1.37	4.35	294.65	0.0	42.43
0.758	30.61	6.99	1.34	4.42	297.53	0.0	42.43
0.773	30.61	6.99	1.3	4.36	324.78	0.0	42.43
0.774	30.61	6.99	1.22	4.32	343.59	0.0	42.43
0.784	30.61	6.99	1.3	4.52	330.01	0.0	42.43
0.807	30.61	6.99	1.11	4.49	305.36	0.0	42.43
0.812	30.61	6.99	1.18	4.47	268.13	0.0	42.43
0.828	30.61	6.99	1.22	4.5	320.22	0.0	42.43
0.834	30.61	6.99	1.18	4.5	274.1	0.0	42.43
0.86	30.61	6.99	1.45	4.54	287.9	0.0	42.43
0.867	30.61	6.99	1.11	4.57	267.88	0.0	42.43
0.892	30.61	6.99	1.11	4.42	305.0	0.0	42.43
0.91	30.62	6.99	1.45	4.33	268.75	0.0	42.43
0.927	30.62	6.99	1.41	4.26	322.15	0.02	42.43
0.953	30.62	6.99	1.34	4.31	279.29	0.01	42.43
0.975	30.62	6.99	1.41	4.41	316.45	0.0	42.43
0.981	30.62	6.99	1.45	4.44	298.02	0.0	42.43
0.998	30.62	6.99	1.34	4.35	342.32	0.0	42.43
1.035	30.62	6.99	1.18	4.36	286.37	0.0	42.42
1.046	30.62	6.99	1.37	4.21	297.81	0.06	42.43
1.07	30.63	6.99	1.34	4.23	305.78	0.0	42.42
1.076	30.63	7.0	1.41	4.38	333.16	0.01	42.43
1.096	30.63	6.99	1.41	4.39	334.17	0.0	42.43
1.134	30.63	6.99	1.26	4.37	323.72	0.0	42.42
1.139	30.63	6.99	1.18	4.28	345.99	0.0	42.43
1.149	30.63	7.0	1.26	4.27	388.5	0.0	42.43
1.174	30.63	7.0	1.26	4.26	269.0	0.0	42.43
1.195	30.63	7.0	1.26	4.26	334.63	0.0	42.43
1.213	30.63	7.0	1.26	4.28	343.12	0.0	42.43
1.216	30.63	7.0	1.41	4.57	329.25	0.01	42.43
1.235	30.63	7.0	1.18	4.59	403.27	0.01	42.43
1.254	30.63	7.0	1.26	4.59	326.66	0.0	42.43
1.261	30.63	7.0	1.41	4.51	374.45	0.0	42.43
1.265	30.63	7.0	1.34	4.47	383.32	0.0	42.43
1.277	30.62	7.0	1.49	4.42	367.14	0.0	42.43

1.292	30.62	7.0	1.37	4.38	318.22	0.0	42.43
1.304	30.62	7.0	1.49	4.36	433.12	0.0	42.43
1.308	30.62	7.0	1.64	4.36	368.51	0.02	42.43
1.314	30.62	7.0	1.3	4.35	349.86	0.0	42.43
1.317	30.62	7.0	1.41	4.32	331.16	0.0	42.43
1.332	30.62	7.0	1.45	4.31	352.22	0.03	42.43
1.347	30.62	6.99	1.41	4.5	343.43	0.0	42.43
1.376	30.62	6.99	1.49	4.48	332.7	0.02	42.43
1.39	30.62	6.99	1.49	4.13	395.77	0.03	42.43
1.432	30.62	7.0	1.26	4.16	378.37	0.02	42.43
1.466	30.62	6.99	1.45	4.25	381.1	0.0	42.43
1.501	30.62	7.0	1.37	4.29	402.43	0.0	42.43
1.557	30.62	7.0	1.26	4.33	398.91	0.04	42.43
1.562	30.62	7.0	1.3	4.49	402.34	0.0	42.43
1.578	30.62	7.0	1.26	4.51	365.02	0.01	42.43
1.615	30.62	7.0	1.26	4.54	416.77	0.02	42.43
1.643	30.62	7.0	1.6	4.53	364.43	0.0	42.43
1.647	30.62	7.0	1.3	4.42	397.15	0.02	42.43
1.649	30.62	7.0	1.22	4.36	377.93	0.01	42.43
1.668	30.62	7.0	1.37	4.33	430.21	0.0	42.43
1.688	30.62	6.99	1.3	4.32	392.12	0.01	42.43
1.706	30.62	6.99	1.22	4.36	384.47	0.0	42.43
1.73	30.62	7.0	1.41	4.25	340.42	0.0	42.44
1.745	30.62	7.0	1.14	4.32	391.94	0.0	42.44
1.785	30.62	7.0	1.26	4.43	395.41	0.0	42.43
1.822	30.62	7.0	1.26	4.55	354.1	0.0	42.43
1.836	30.62	7.0	1.34	4.64	411.87	0.0	42.43
1.852	30.62	7.0	1.37	4.59	407.6	0.0	42.43
1.869	30.62	7.0	1.41	4.51	443.27	0.0	42.43
1.879	30.62	7.0	1.37	4.41	459.27	0.01	42.43
1.887	30.62	7.0	1.45	4.28	393.67	0.0	42.43
1.901	30.62	7.0	1.37	4.17	472.66	0.0	42.43
1.92	30.62	7.0	1.34	4.11	426.84	0.0	42.43
1.943	30.62	6.99	1.26	4.1	445.23	0.0	42.43
1.965	30.62	6.99	1.45	4.12	407.6	0.0	42.43
1.977	30.62	7.0	1.26	4.24	426.15	0.0	42.43
1.986	30.62	7.0	1.22	4.3	395.41	0.0	42.44
2.019	30.62	7.0	1.22	4.34	446.16	0.0	42.44
2.067	30.62	7.0	1.07	4.4	404.3	0.01	42.43
2.081	30.62	7.0	1.14	4.4	375.49	0.0	42.43
2.103	30.62	7.0	1.41	4.4	382.07	0.1	42.43
2.151	30.62	7.0	1.3	4.41	383.67	0.01	42.43
2.188	30.62	7.0	1.37	4.43	356.57	0.01	42.43
2.195	30.62	7.0	1.34	4.43	435.73	0.04	42.43
2.204	30.62	7.0	1.49	4.44	426.64	0.97	42.43
2.229	30.62	7.0	1.45	4.44	377.93	0.23	42.43
2.253	30.62	7.0	1.45	4.39	433.22	0.03	42.43
2.265	30.62	7.0	1.3	4.33	424.67	0.03	42.43
2.278	30.62	7.0	1.3	4.26	389.59	0.7	42.43
2.29	30.62	7.0	1.26	4.23	460.12	0.3	42.43
2.294	30.62	7.0	1.3	4.21	470.91	0.04	42.43
2.299	30.62	7.0	1.22	4.18	387.33	0.25	42.43
2.311	30.62	7.0	1.3	4.15	490.29	0.82	42.43
2.328	30.62	7.0	1.18	4.13	482.96	0.26	42.43
2.346	30.62	7.0	1.56	4.11	443.27	0.03	42.43
2.348	30.62	7.0	1.41	4.15	470.7	0.5	42.43
2.352	30.62	7.0	1.3	4.14	556.95	1.04	42.43
2.367	30.62	7.0	1.26	4.14	587.31	1.21	42.43

2.384	30.62	7.0	1.3	4.08	624.66	1.01	42.43
2.385	30.62	7.0	1.34	4.06	591.14	1.03	42.43
2.394	30.62	7.0	1.41	4.06	550.03	1.03	42.43
2.409	30.62	7.0	1.3	4.05	582.7	1.1	42.43
2.423	30.62	7.0	1.22	4.01	639.46	1.04	42.44
2.427	30.62	7.0	1.64	3.92	649.01	1.06	42.44
2.431	30.62	7.0	1.6	3.88	627.85	1.07	42.44
2.448	30.62	7.0	1.37	3.88	557.6	1.0	42.44
2.473	30.62	7.0	1.45	3.89	582.16	1.07	42.44
2.487	30.62	7.0	1.34	3.91	593.61	0.72	42.44
2.489	30.62	7.0	1.37	3.92	556.18	0.88	42.44
2.496	30.62	6.99	1.53	3.94	554.63	0.98	42.44
2.516	30.62	6.99	1.49	3.95	503.89	0.96	42.44
2.534	30.62	6.99	1.34	3.98	520.02	0.97	42.44
2.543	30.62	6.99	1.3	3.98	484.42	0.98	42.44
2.551	30.61	6.99	1.56	3.98	525.6	1.22	42.44
2.574	30.61	6.99	1.26	4.01	468.52	1.09	42.44
2.607	30.61	6.99	1.45	4.06	435.13	1.09	42.44
2.631	30.61	6.99	1.41	4.11	402.06	1.13	42.44
2.633	30.61	6.99	1.53	4.07	428.42	1.07	42.44
2.662	30.61	6.99	1.49	4.03	445.12	1.01	42.44
2.702	30.61	6.99	1.37	4.02	513.68	1.08	42.44
2.709	30.61	6.99	1.45	3.96	457.47	1.03	42.44
2.737	30.61	6.99	1.3	3.97	521.11	1.0	42.44
2.746	30.61	6.99	1.34	4.22	519.54	1.0	42.44
2.769	30.61	6.99	1.45	4.28	600.81	0.99	42.44
2.806	30.61	6.99	1.41	4.32	520.27	0.97	42.44
2.821	30.61	6.99	1.26	4.19	609.64	1.05	42.44
2.84	30.61	6.99	1.41	4.16	568.17	1.0	42.44
2.875	30.61	6.99	1.41	4.13	493.03	1.22	42.44
2.899	30.6	6.99	1.45	4.09	527.43	1.17	42.44
2.902	30.6	6.99	1.56	4.0	469.06	1.01	42.44
2.919	30.6	6.99	1.45	3.96	543.44	1.04	42.44
2.947	30.6	6.99	1.37	3.96	402.62	1.03	42.44
2.963	30.6	6.99	1.45	3.96	410.63	1.13	42.44
2.995	30.6	6.99	1.45	3.99	384.12	1.01	42.44
3.022	30.6	6.99	1.37	4.04	327.65	1.01	42.44
3.034	30.6	6.99	1.41	4.09	315.65	1.24	42.44
3.036	30.6	6.99	1.56	4.11	370.99	1.07	42.44
3.041	30.6	6.99	1.41	4.11	340.98	1.07	42.44
3.045	30.6	6.99	1.37	4.13	309.49	1.16	42.44
3.052	30.6	6.99	1.49	4.15	307.85	0.98	42.44
3.062	30.6	6.99	1.56	4.15	314.63	1.02	42.44
3.082	30.6	6.99	1.26	4.12	303.1	0.96	42.44
3.102	30.6	6.99	1.53	3.92	319.77	1.06	42.44
3.11	30.6	6.99	1.53	3.89	291.59	1.15	42.44
3.151	30.6	6.99	1.6	3.9	280.33	1.05	42.44
3.192	30.6	6.99	1.53	3.94	282.74	1.08	42.44
3.195	30.6	6.99	1.45	4.08	284.85	1.08	42.44
3.2	30.6	6.99	1.53	4.12	279.55	1.1	42.44
3.217	30.6	6.99	1.49	4.16	248.73	1.1	42.44
3.24	30.6	6.99	1.53	4.18	240.17	1.1	42.44
3.259	30.59	6.99	1.56	4.17	266.21	1.06	42.44
3.272	30.59	6.99	1.6	4.12	264.91	1.07	42.44
3.281	30.59	6.99	1.72	4.06	237.19	1.13	42.44
3.288	30.59	6.99	1.49	4.01	232.13	1.0	42.44
3.304	30.59	6.99	1.6	3.99	243.99	1.04	42.44
3.333	30.59	6.99	1.45	4.01	229.93	1.18	42.44

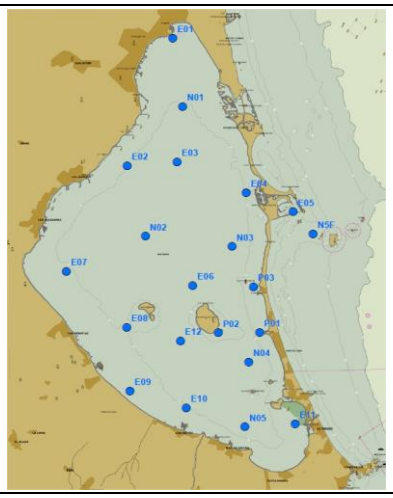
3.351	30.59	6.99	1.34	4.22	242.02	1.1	42.44
3.357	30.59	6.99	1.68	4.31	223.32	1.06	42.44
3.377	30.59	6.99	1.37	4.38	224.2	1.17	42.44
3.408	30.59	6.99	1.41	4.43	231.22	1.09	42.44
3.418	30.59	6.99	1.45	4.6	238.23	1.08	42.44
3.441	30.59	6.99	1.53	4.63	232.18	1.08	42.44
3.482	30.59	6.99	1.41	4.68	230.63	1.22	42.44
3.496	30.59	6.99	1.3	4.79	240.96	1.12	42.44
3.508	30.59	6.99	1.53	4.81	223.99	1.11	42.44
3.543	30.59	6.99	1.37	4.83	218.55	1.14	42.44
3.561	30.59	6.99	1.56	4.9	226.97	1.21	42.44
3.565	30.59	6.99	1.64	4.9	217.75	1.2	42.44
3.591	30.59	6.99	3.93	4.89	235.49	1.22	42.44
3.615	30.59	6.99	1.34	4.98	236.8	1.38	42.44
3.625	30.59	6.99	1.37	4.98	231.97	1.37	42.44
3.645	30.59	6.99	1.56	4.98	234.4	1.46	42.44
3.667	30.59	6.99	1.49	4.98	243.88	1.49	42.44
3.687	30.59	6.99	1.37	4.98	255.74	1.46	42.44
3.699	30.59	6.99	1.56	5.02	244.73	1.49	42.44
3.702	30.59	6.99	1.53	5.03	253.15	1.51	42.44
3.734	30.59	6.99	1.41	5.04	256.04	1.5	42.44
3.779	30.59	6.99	1.41	5.05	259.51	1.55	42.44
3.788	30.59	6.99	1.45	5.06	270.44	1.58	42.44
3.793	30.59	6.99	1.34	5.04	278.26	1.63	42.44
3.826	30.59	6.99	1.53	5.04	267.63	1.55	42.44
3.845	30.59	6.99	1.49	5.03	269.12	1.57	42.44
3.849	30.59	6.99	1.49	5.04	261.8	1.59	42.44
3.875	30.59	6.99	1.56	5.04	256.93	1.61	42.44
3.899	30.59	6.99	1.6	5.06	283.6	1.56	42.44
3.908	30.59	6.99	1.45	5.06	277.68	1.56	42.44
3.926	30.59	6.99	1.56	5.05	261.86	1.58	42.44
3.945	30.59	6.99	1.41	5.05	268.13	1.51	42.44
3.966	30.58	6.99	1.49	5.05	274.35	1.54	42.44
3.973	30.58	6.99	1.49	5.06	282.42	1.63	42.44
3.981	30.58	6.99	1.34	5.06	295.34	1.5	42.44
4.013	30.58	6.99	1.3	5.07	277.68	1.56	42.44
4.046	30.58	6.99	1.34	5.07	272.83	1.59	42.44
4.047	30.58	6.99	1.6	5.09	289.31	1.59	42.44
4.049	30.58	6.99	1.6	5.08	298.99	1.58	42.44
4.073	30.58	6.99	1.49	5.08	294.65	1.58	42.44
4.098	30.58	6.99	1.49	5.06	298.16	1.59	42.44
4.105	30.58	6.99	1.49	5.07	295.61	1.57	42.44
4.11	30.58	6.99	1.49	5.07	294.99	1.55	42.44
4.13	30.58	6.99	1.41	5.06	309.85	1.62	42.44
4.157	30.58	6.99	1.49	5.06	310.86	1.54	42.44
4.167	30.58	6.99	1.45	5.05	293.76	1.59	42.44
4.17	30.58	6.99	1.49	5.05	294.65	1.51	42.44
4.188	30.58	6.99	1.41	5.04	295.34	1.55	42.44
4.208	30.58	6.99	1.41	5.04	308.92	1.54	42.44
4.212	30.58	6.99	1.41	5.05	300.79	1.6	42.44
4.222	30.58	6.99	1.37	5.06	304.37	1.66	42.44
4.238	30.58	6.99	1.37	5.06	311.8	1.67	42.44
4.248	30.58	6.99	1.68	5.06	306.0	1.68	42.44
4.253	30.58	6.99	1.45	5.07	299.82	1.64	42.45
4.277	30.58	6.99	1.41	5.07	315.8	1.62	42.45
4.279	30.58	6.99	1.49	5.08	306.64	1.62	42.45
4.315	30.58	6.99	1.49	5.08	301.0	1.6	42.45
4.359	30.58	6.99	1.34	5.09	315.72	1.6	42.45

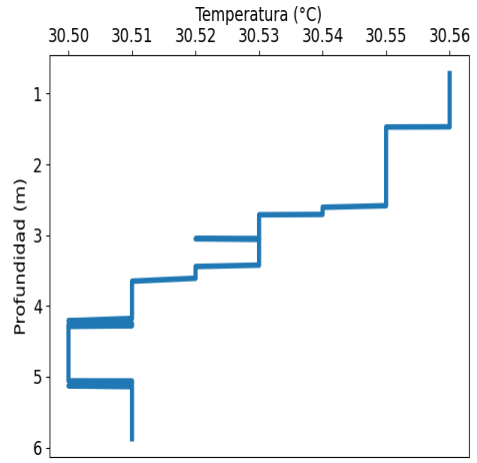
4.368	30.58	6.99	1.41	5.08	300.31	1.58	42.45
4.382	30.58	6.99	1.45	5.08	293.83	1.59	42.45
4.418	30.58	6.99	1.34	5.07	295.75	1.66	42.45
4.435	30.58	6.99	1.37	5.07	303.88	1.58	42.45
4.47	30.58	6.99	1.45	5.07	302.12	1.62	42.45
4.503	30.58	6.99	1.37	5.08	295.4	1.64	42.45
4.511	30.57	6.99	1.45	5.07	294.31	1.62	42.45
4.531	30.57	6.99	1.56	5.06	294.58	1.62	42.45
4.554	30.57	6.99	1.64	5.06	306.85	1.6	42.45
4.566	30.57	6.99	1.34	5.06	309.28	1.59	42.45
4.567	30.57	6.99	1.34	5.07	297.05	1.66	42.45
4.574	30.57	6.99	1.56	5.07	300.1	1.67	42.45
4.598	30.57	6.99	1.6	5.08	306.14	1.62	42.45
4.627	30.57	6.99	1.41	5.08	304.16	1.68	42.45
4.649	30.57	6.99	1.53	5.08	304.93	1.65	42.45
4.662	30.57	6.99	1.64	5.09	304.3	1.68	42.45
4.665	30.57	6.99	1.49	5.09	299.12	1.62	42.45
4.67	30.57	6.99	1.45	5.08	306.85	1.61	42.45
4.685	30.57	6.99	1.37	5.06	308.49	1.66	42.45
4.699	30.57	6.99	1.37	5.06	310.86	1.65	42.45
4.71	30.57	6.99	1.56	5.05	301.63	1.65	42.45
4.718	30.57	6.99	1.45	5.05	295.4	1.63	42.45
4.727	30.57	6.99	1.37	5.05	301.07	1.7	42.45
4.735	30.57	6.99	1.49	5.04	299.75	1.67	42.45
4.746	30.57	6.99	1.41	5.05	299.89	1.59	42.45
4.758	30.57	6.99	1.37	5.05	302.82	1.6	42.45
4.765	30.57	6.99	1.56	5.05	294.31	1.59	42.45
4.772	30.57	6.99	1.45	5.06	289.91	1.63	42.45
4.783	30.57	6.99	1.34	5.07	295.2	1.57	42.45
4.793	30.57	6.99	1.68	5.08	301.28	1.66	42.45
4.805	30.57	6.99	1.45	5.07	289.78	1.6	42.45
4.82	30.57	6.99	1.49	5.08	278.84	1.69	42.45
4.832	30.57	6.99	1.49	5.08	282.81	1.64	42.45
4.842	30.57	6.99	1.53	5.07	294.92	1.64	42.45
4.849	30.57	6.99	1.6	5.06	294.72	1.64	42.45
4.858	30.57	6.99	1.6	5.06	285.51	1.56	42.45
4.869	30.57	6.99	1.6	5.07	277.23	1.64	42.45
4.887	30.57	6.99	1.45	5.07	276.26	1.65	42.45
4.902	30.56	6.99	1.41	5.08	277.68	1.61	42.45
4.911	30.56	6.99	1.45	5.1	272.96	1.64	42.45
4.931	30.56	6.99	1.49	5.1	266.89	1.7	42.45
4.965	30.56	6.99	1.53	5.1	268.25	1.73	42.45
4.984	30.56	6.99	1.72	5.1	265.59	1.63	42.45
4.99	30.56	6.99	1.49	5.1	267.32	1.66	42.45
5.001	30.56	6.99	1.49	5.1	272.51	1.66	42.45
5.004	30.56	6.99	1.41	5.1	274.92	1.68	42.45
5.005	30.56	6.99	1.41	5.1	268.94	1.7	42.45
5.012	30.56	6.99	1.45	5.1	263.51	1.69	42.45
5.023	30.56	6.99	1.68	5.1	269.81	1.64	42.45
5.038	30.56	6.99	1.68	5.1	266.15	1.67	42.45
5.058	30.56	6.99	1.56	5.09	261.74	1.7	42.45
5.087	30.56	6.99	1.49	5.08	257.23	1.71	42.45
5.107	30.56	6.99	1.41	5.1	253.38	1.68	42.46
5.145	30.56	6.99	1.26	5.1	238.12	1.64	42.45
5.181	30.56	6.99	1.37	5.11	227.6	1.67	42.45
5.187	30.56	6.99	1.53	5.11	211.33	1.7	42.45
5.239	30.56	6.99	1.6	5.11	202.79	1.76	42.45
5.252	30.56	6.99	1.41	5.09	183.26	1.76	42.45

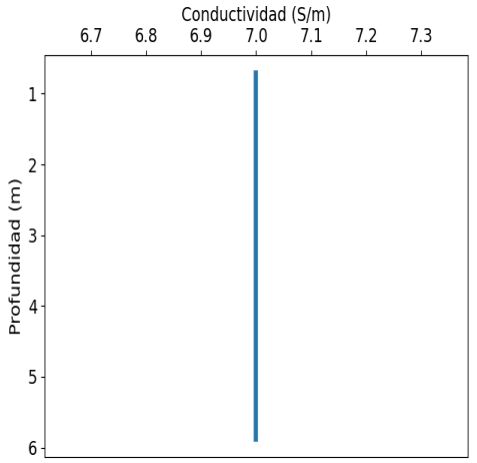
5.275	30.56	6.99	1.3	5.08	172.94	1.78	42.45
5.315	30.56	6.99	1.53	5.08	150.91	1.77	42.45
5.323	30.56	6.99	1.53	5.08	144.71	1.8	42.45
5.363	30.56	6.99	1.72	5.08	135.8	1.78	42.45
5.384	30.56	6.99	2.59	5.09	123.55	1.81	42.45
5.388	30.56	6.99	1.49	5.09	119.05	1.83	42.45
5.42	30.56	6.99	1.41	5.09	113.92	1.82	42.45
5.448	30.56	6.99	1.68	5.11	104.66	1.81	42.46
5.474	30.56	6.99	1.34	5.11	101.24	1.88	42.45
5.517	30.56	6.99	1.41	5.11	98.54	1.83	42.45
5.529	30.56	6.99	1.45	5.1	96.86	1.86	42.46
5.548	30.56	6.99	1.45	5.11	94.34	1.91	42.46
5.589	30.56	6.99	1.64	5.11	91.3	1.92	42.46
5.612	30.56	6.99	1.72	5.09	87.75	1.92	42.46
5.636	30.56	6.99	1.49	5.08	85.98	1.89	42.46
5.663	30.56	6.99	1.22	5.08	84.64	1.96	42.46
5.677	30.56	6.99	1.41	5.09	84.4	1.93	42.46
5.681	30.56	6.99	1.56	5.09	83.28	1.97	42.46
5.69	30.55	6.99	1.45	5.09	82.12	1.98	42.46
5.711	30.55	6.99	1.37	5.09	81.37	1.92	42.46
5.716	30.55	6.99	1.45	5.1	80.52	1.94	42.46
5.741	30.55	6.99	1.68	5.09	79.21	1.9	42.46
5.79	30.55	6.99	1.6	5.09	77.14	1.91	42.46
5.804	30.55	6.99	1.53	5.08	77.74	1.79	42.46
5.816	30.55	6.99	1.53	5.08	76.32	1.78	42.46
5.862	30.55	6.99	1.53	5.08	74.42	1.83	42.46
5.893	30.55	6.99	1.53	5.09	73.8	1.83	42.46
5.914	30.55	6.99	1.56	5.08	72.45	1.76	42.46
5.92	30.55	6.99	1.49	5.07	71.83	1.78	42.46
5.955	30.55	6.99	1.45	5.08	70.13	1.84	42.46
5.998	30.55	6.99	1.45	5.07	69.41	1.81	42.46
6.009	30.55	6.99	1.53	5.08	69.21	1.75	42.46
6.016	30.55	6.99	1.6	5.08	68.75	1.74	42.46
6.04	30.55	6.99	1.41	5.08	68.18	1.76	42.46
6.049	30.54	6.99	1.72	5.05	68.21	1.69	42.46
6.059	30.55	6.99	1.68	5.05	67.46	1.71	42.46
6.087	30.55	6.99	1.76	5.06	66.34	1.72	42.46
6.121	30.55	6.99	1.95	5.05	65.99	1.75	42.46
6.13	30.55	6.99	1.6	5.06	65.68	1.7	42.46
6.144	30.55	6.99	1.91	5.06	65.35	1.7	42.46
6.166	30.54	6.99	1.95	5.07	64.52	1.75	42.46
6.186	30.55	6.99	1.72	5.07	64.28	1.71	42.46
6.196	30.54	6.99	1.45	5.06	63.9	1.69	42.46
6.2	30.54	6.99	1.64	5.06	64.01	1.72	42.46
6.202	30.54	6.99	1.72	5.05	64.1	1.69	42.46
6.221	30.54	6.99	1.91	5.05	63.08	1.63	42.46
6.255	30.54	6.99	2.52	5.06	62.14	1.66	42.46
6.275	30.54	6.99	1.98	5.06	60.65	1.6	42.46
6.323	30.54	6.99	1.72	5.06	59.38	1.6	42.46
6.335	30.54	6.99	2.02	5.06	59.59	1.59	42.47
6.345	30.54	6.99	1.91	5.05	58.4	1.66	42.46
6.381	30.54	6.99	1.72	5.05	57.35	1.68	42.47
6.422	30.54	6.99	1.95	5.06	56.17	1.67	42.47
6.458	30.54	6.99	2.17	5.06	55.68	1.67	42.46
6.467	30.54	6.99	1.87	5.06	55.68	1.66	42.46
6.49	30.54	6.99	1.98	5.06	54.92	1.62	42.46
6.503	30.54	6.99	1.83	5.04	54.88	1.6	42.46
6.514	30.55	6.99	2.1	5.04	54.46	1.55	42.46

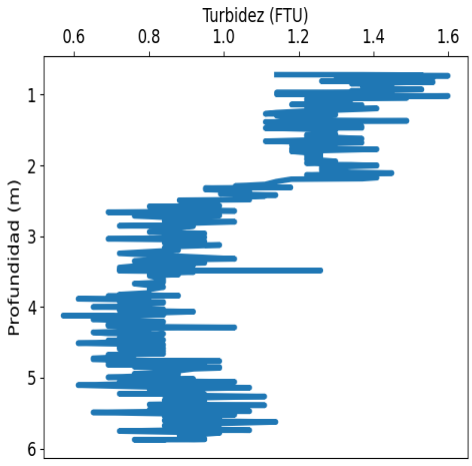
6.541	30.55	6.99	1.83	5.03	53.58	1.61	42.46
6.569	30.55	6.99	1.95	5.05	53.12	1.54	42.47
6.589	30.55	6.99	2.06	5.04	52.54	1.5	42.47
6.595	30.55	6.99	1.79	5.02	52.52	1.46	42.46
6.596	30.55	6.99	1.72	5.02	52.46	1.46	42.46
6.6	30.55	6.99	1.6	5.02	53.0	1.43	42.46
6.606	30.55	6.99	1.64	5.01	53.34	1.45	42.46
6.61	30.55	6.99	1.68	5.01	53.89	1.42	42.46

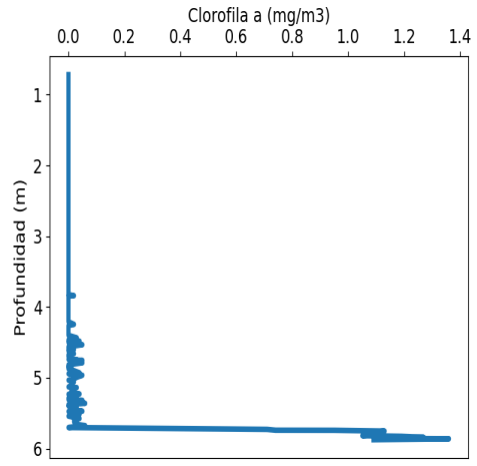
Nombre: CTD E12 - Punto 012 **Fecha: 01/08/2022** **Hora: 09:08:23**

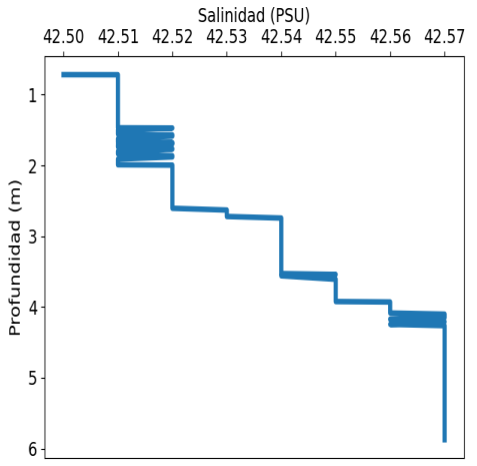


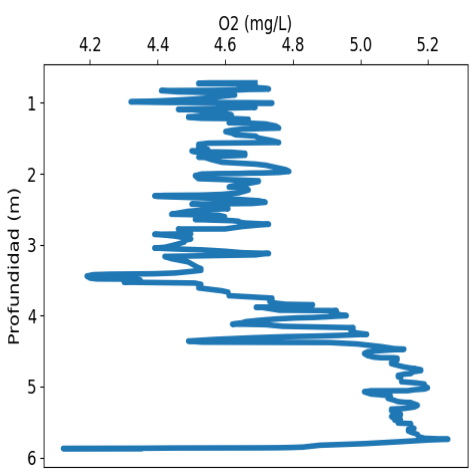


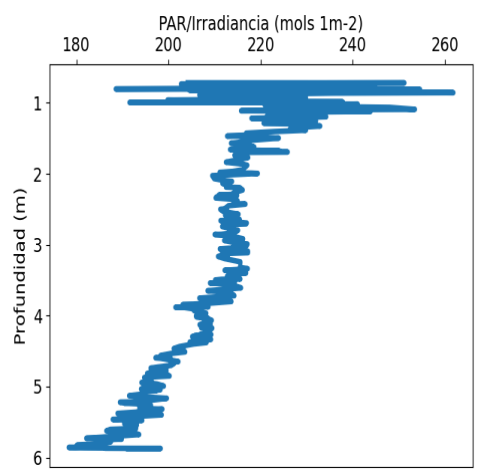












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.5	7.0	0.57	4.12	178.31	0.0	42.5
PROF (metros)	4.266	0.717	4.121	5.873	5.858	0.717	0.717
MÁXIMO	30.56	30.56	1.6	5.26	261.92	1.36	42.57
PROF (metros)	0.717	0.717	0.733	5.741	0.856	5.862	4.101

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.56	7.0	1.39	4.57	223.45	0.0	42.51
1 - 2m	30.56	7.0	1.28	4.63	223.44	0.0	42.51
2 - 3m	30.54	7.0	1.01	4.56	213.55	0.0	42.53
3 - 4m	30.52	7.0	0.83	4.57	211.44	0.0	42.54
4 - 5m	30.5	7.0	0.78	4.98	202.64	0.01	42.57
5 - 6m	30.51	7.0	0.89	5.03	190.83	0.33	42.57

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)
0.717	30.56	7.0	1.14	4.69	204.16	0.0	42.5
0.718	30.56	7.0	1.37	4.55	251.28	0.0	42.51
0.723	30.56	7.0	1.53	4.52	223.47	0.0	42.51
0.729	30.56	7.0	1.41	4.52	210.7	0.0	42.51
0.733	30.56	7.0	1.6	4.66	241.63	0.0	42.51
0.734	30.56	7.0	1.41	4.67	202.7	0.0	42.51
0.748	30.56	7.0	1.56	4.67	221.67	0.0	42.51
0.757	30.56	7.0	1.3	4.64	203.5	0.0	42.51
0.764	30.56	7.0	1.56	4.65	236.36	0.0	42.51
0.78	30.56	7.0	1.3	4.65	231.75	0.0	42.51
0.784	30.56	7.0	1.49	4.69	244.95	0.0	42.51
0.793	30.56	7.0	1.34	4.72	215.04	0.0	42.51
0.804	30.56	7.0	1.45	4.73	188.51	0.0	42.51
0.808	30.56	7.0	1.26	4.71	237.52	0.0	42.51
0.81	30.56	7.0	1.41	4.67	254.68	0.0	42.51
0.817	30.56	7.0	1.49	4.64	204.49	0.0	42.51
0.823	30.56	7.0	1.56	4.56	204.63	0.0	42.51
0.827	30.56	7.0	1.41	4.41	233.15	0.0	42.51
0.844	30.56	7.0	1.34	4.46	246.32	0.0	42.51
0.856	30.56	7.0	1.41	4.58	261.92	0.0	42.51
0.862	30.56	7.0	1.45	4.6	235.65	0.0	42.51
0.888	30.56	7.0	1.37	4.63	206.68	0.0	42.51
0.907	30.56	7.0	1.41	4.59	211.92	0.0	42.51
0.926	30.56	7.0	1.53	4.56	229.88	0.0	42.51
0.946	30.56	7.0	1.34	4.51	225.66	0.0	42.51
0.96	30.56	7.0	1.45	4.46	199.76	0.0	42.51
0.971	30.56	7.0	1.14	4.41	208.65	0.0	42.51
0.979	30.56	7.0	1.37	4.36	222.23	0.0	42.51
0.985	30.56	7.0	1.34	4.32	237.85	0.0	42.51
0.988	30.56	7.0	1.3	4.35	225.19	0.0	42.51
0.994	30.56	7.0	1.14	4.43	191.51	0.0	42.51
0.997	30.56	7.0	1.22	4.68	236.97	0.0	42.51
1.002	30.56	7.0	1.41	4.74	220.85	0.0	42.51
1.005	30.56	7.0	1.37	4.69	238.07	0.0	42.51
1.015	30.56	7.0	1.3	4.65	229.35	0.0	42.51
1.017	30.56	7.0	1.6	4.58	241.12	0.0	42.51

1.027	30.56	7.0	1.37	4.58	235.05	0.0	42.51
1.028	30.56	7.0	1.37	4.69	220.85	0.0	42.51
1.039	30.56	7.0	1.34	4.69	228.66	0.0	42.51
1.044	30.56	7.0	1.49	4.67	224.67	0.0	42.51
1.063	30.56	7.0	1.22	4.69	248.04	0.0	42.51
1.091	30.56	7.0	1.26	4.46	253.56	0.0	42.51
1.094	30.56	7.0	1.26	4.5	241.68	0.0	42.51
1.111	30.56	7.0	1.22	4.53	215.74	0.0	42.51
1.12	30.56	7.0	1.34	4.55	243.93	0.0	42.51
1.133	30.56	7.0	1.34	4.56	224.09	0.0	42.51
1.139	30.56	7.0	1.18	4.57	227.44	0.0	42.51
1.146	30.56	7.0	1.37	4.6	224.41	0.0	42.51
1.171	30.56	7.0	1.22	4.62	230.57	0.0	42.51
1.185	30.56	7.0	1.3	4.59	221.36	0.0	42.51
1.189	30.56	7.0	1.34	4.53	224.41	0.0	42.51
1.195	30.56	7.0	1.41	4.49	234.29	0.0	42.51
1.204	30.56	7.0	1.37	4.49	229.99	0.0	42.51
1.217	30.56	7.0	1.3	4.53	218.0	0.0	42.51
1.222	30.56	7.0	1.3	4.63	223.94	0.0	42.51
1.231	30.56	7.0	1.22	4.67	226.76	0.0	42.51
1.253	30.56	7.0	1.14	4.66	232.08	0.0	42.51
1.27	30.56	7.0	1.11	4.64	225.61	0.0	42.51
1.28	30.56	7.0	1.3	4.61	227.44	0.0	42.51
1.282	30.56	7.0	1.3	4.63	224.72	0.0	42.51
1.285	30.56	7.0	1.14	4.67	220.64	0.0	42.51
1.297	30.56	7.0	1.14	4.72	229.19	0.0	42.51
1.326	30.56	7.0	1.18	4.75	232.99	0.0	42.51
1.355	30.56	7.0	1.26	4.76	226.44	0.0	42.51
1.363	30.56	7.0	1.3	4.7	229.51	0.0	42.51
1.369	30.56	7.0	1.49	4.65	227.81	0.0	42.51
1.385	30.56	7.0	1.11	4.62	229.88	0.0	42.51
1.404	30.56	7.0	1.22	4.6	223.01	0.0	42.51
1.427	30.56	7.0	1.26	4.62	216.84	0.0	42.51
1.45	30.56	7.0	1.37	4.63	217.9	0.0	42.51
1.468	30.56	7.0	1.37	4.69	212.71	0.0	42.51
1.471	30.55	7.0	1.11	4.69	216.64	0.0	42.52
1.496	30.55	7.0	1.3	4.7	223.99	0.0	42.51
1.533	30.55	7.0	1.26	4.74	216.79	0.0	42.51
1.558	30.55	7.0	1.3	4.76	215.09	0.0	42.51
1.568	30.55	7.0	1.22	4.55	213.55	0.0	42.52
1.585	30.55	7.0	1.22	4.52	217.04	0.0	42.52
1.622	30.55	7.0	1.37	4.52	218.66	0.0	42.51
1.657	30.55	7.0	1.11	4.55	213.35	0.0	42.51
1.673	30.55	7.0	1.26	4.53	222.39	0.0	42.51
1.677	30.55	7.0	1.37	4.5	224.15	0.0	42.52
1.691	30.55	7.0	1.26	4.51	214.59	0.0	42.51
1.692	30.55	7.0	1.3	4.58	225.92	0.0	42.52
1.696	30.55	7.0	1.22	4.62	216.99	0.0	42.52
1.711	30.55	7.0	1.18	4.66	215.69	0.0	42.51
1.738	30.55	7.0	1.26	4.66	214.29	0.0	42.51
1.764	30.55	7.0	1.18	4.52	216.39	0.0	42.52
1.77	30.55	7.0	1.41	4.54	217.34	0.0	42.52
1.8	30.55	7.0	1.18	4.56	215.19	0.0	42.51
1.836	30.55	7.0	1.26	4.59	212.46	0.0	42.51
1.863	30.55	7.0	1.22	4.69	216.14	0.0	42.52
1.879	30.55	7.0	1.26	4.72	217.14	0.0	42.52
1.91	30.55	7.0	1.22	4.75	216.59	0.0	42.51
1.942	30.55	7.0	1.3	4.78	216.19	0.0	42.51

1.966	30.55	7.0	1.22	4.79	213.94	0.0	42.51
1.98	30.55	7.0	1.3	4.76	211.09	0.0	42.51
1.988	30.55	7.0	1.26	4.71	213.15	0.0	42.51
1.99	30.55	7.0	1.34	4.67	218.05	0.0	42.51
1.995	30.55	7.0	1.37	4.64	219.42	0.0	42.52
1.997	30.55	7.0	1.41	4.58	217.9	0.0	42.52
2.003	30.55	7.0	1.41	4.53	216.84	0.0	42.52
2.026	30.55	7.0	1.26	4.51	209.48	0.0	42.52
2.068	30.55	7.0	1.26	4.52	209.92	0.0	42.52
2.098	30.55	7.0	1.34	4.7	212.46	0.0	42.52
2.107	30.55	7.0	1.45	4.7	213.84	0.0	42.52
2.134	30.55	7.0	1.22	4.67	211.67	0.0	42.52
2.172	30.55	7.0	1.41	4.62	213.35	0.0	42.52
2.187	30.55	7.0	1.37	4.61	212.46	0.0	42.52
2.194	30.55	7.0	1.18	4.66	215.49	0.0	42.52
2.228	30.55	7.0	1.14	4.67	216.14	0.0	42.52
2.268	30.55	7.0	1.11	4.64	214.14	0.0	42.52
2.29	30.55	7.0	1.03	4.59	213.7	0.0	42.52
2.3	30.55	7.0	1.14	4.53	210.89	0.0	42.52
2.302	30.55	7.0	1.11	4.47	214.49	0.0	42.52
2.304	30.55	7.0	1.03	4.42	214.94	0.0	42.52
2.311	30.55	7.0	1.18	4.39	214.39	0.0	42.52
2.319	30.55	7.0	0.95	4.4	213.25	0.0	42.52
2.328	30.55	7.0	1.03	4.46	210.35	0.0	42.52
2.34	30.55	7.0	0.95	4.54	210.21	0.0	42.52
2.358	30.55	7.0	1.07	4.63	213.94	0.0	42.52
2.38	30.55	7.0	1.03	4.7	215.04	0.0	42.52
2.401	30.55	7.0	0.99	4.72	214.49	0.0	42.52
2.418	30.55	7.0	1.14	4.68	214.04	0.0	42.52
2.427	30.55	7.0	1.03	4.5	216.74	0.0	42.52
2.431	30.55	7.0	1.11	4.52	216.14	0.0	42.52
2.45	30.55	7.0	1.03	4.57	213.0	0.0	42.52
2.483	30.55	7.0	1.07	4.6	212.36	0.0	42.52
2.491	30.55	7.0	0.88	4.61	212.71	0.0	42.52
2.5	30.55	7.0	0.92	4.56	211.23	0.0	42.52
2.529	30.55	7.0	0.92	4.49	211.87	0.0	42.52
2.57	30.55	7.0	0.99	4.44	215.24	0.0	42.52
2.579	30.55	7.0	0.8	4.55	213.84	0.0	42.52
2.583	30.55	7.0	0.95	4.58	212.26	0.0	42.52
2.605	30.54	7.0	0.84	4.6	212.81	0.0	42.52
2.63	30.54	7.0	0.92	4.59	213.3	0.0	42.53
2.643	30.54	7.0	1.03	4.51	215.49	0.0	42.53
2.652	30.54	7.0	0.88	4.56	214.04	0.0	42.53
2.66	30.54	7.0	0.69	4.62	211.28	0.0	42.53
2.669	30.54	7.0	0.92	4.64	214.04	0.0	42.53
2.68	30.54	7.0	0.84	4.64	214.74	0.0	42.53
2.694	30.54	7.0	0.84	4.66	217.04	0.0	42.53
2.706	30.54	7.0	0.99	4.71	216.89	0.0	42.53
2.711	30.53	7.0	0.76	4.73	214.79	0.0	42.53
2.721	30.53	7.0	0.8	4.7	212.07	0.0	42.53
2.743	30.53	7.0	0.88	4.65	211.63	0.0	42.54
2.777	30.53	7.0	0.84	4.6	213.75	0.0	42.54
2.778	30.53	7.0	0.88	4.46	213.15	0.0	42.54
2.796	30.53	7.0	1.03	4.47	215.14	0.0	42.54
2.826	30.53	7.0	0.84	4.48	214.39	0.0	42.54
2.846	30.53	7.0	0.84	4.5	212.46	0.0	42.54
2.853	30.53	7.0	0.72	4.39	211.48	0.0	42.54
2.855	30.53	7.0	0.92	4.4	210.01	0.0	42.54

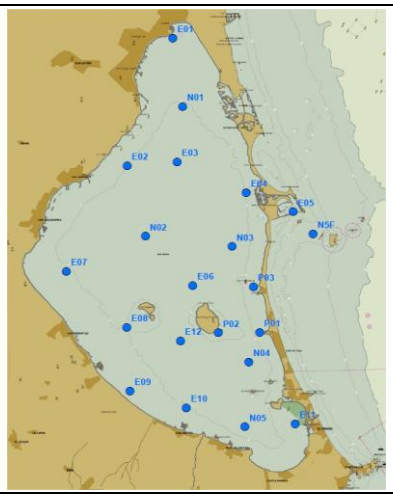
2.877	30.53	7.0	0.88	4.45	213.75	0.0	42.54
2.917	30.53	7.0	0.88	4.5	216.24	0.0	42.54
2.939	30.53	7.0	0.8	4.48	212.07	0.0	42.54
2.961	30.53	7.0	0.95	4.48	213.7	0.0	42.54
2.99	30.53	7.0	0.84	4.46	217.19	0.0	42.54
3.015	30.53	7.0	0.95	4.44	216.99	0.0	42.54
3.037	30.53	7.0	0.69	4.42	213.94	0.0	42.54
3.046	30.53	7.0	0.84	4.39	215.79	0.0	42.54
3.05	30.52	7.0	0.88	4.41	213.0	0.0	42.54
3.059	30.53	7.0	0.92	4.45	211.14	0.0	42.54
3.072	30.53	7.0	0.95	4.53	213.25	0.0	42.54
3.092	30.53	7.0	0.84	4.6	217.29	0.0	42.54
3.112	30.53	7.0	0.95	4.65	217.29	0.0	42.54
3.123	30.53	7.0	0.95	4.73	211.87	0.0	42.54
3.124	30.53	7.0	0.99	4.72	211.58	0.0	42.54
3.143	30.53	7.0	0.88	4.69	213.0	0.0	42.54
3.165	30.53	7.0	0.84	4.42	210.74	0.0	42.54
3.195	30.53	7.0	0.88	4.44	212.17	0.0	42.54
3.242	30.53	7.0	0.72	4.49	215.64	0.0	42.54
3.32	30.53	7.0	1.03	4.52	215.54	0.0	42.54
3.338	30.53	7.0	0.8	4.53	217.24	0.0	42.54
3.351	30.53	7.0	0.76	4.53	214.49	0.0	42.54
3.36	30.53	7.0	0.95	4.53	212.17	0.0	42.54
3.376	30.53	7.0	0.95	4.5	215.09	0.0	42.54
3.399	30.53	7.0	0.8	4.45	216.89	0.0	42.54
3.409	30.53	7.0	0.92	4.39	215.09	0.0	42.54
3.415	30.53	7.0	0.8	4.26	213.15	0.0	42.54
3.422	30.53	7.0	0.76	4.21	213.25	0.0	42.54
3.442	30.52	7.0	0.72	4.19	212.71	0.0	42.54
3.47	30.52	7.0	0.72	4.2	214.99	0.0	42.54
3.482	30.52	7.0	0.84	4.22	215.54	0.0	42.54
3.483	30.52	7.0	1.26	4.25	215.64	0.0	42.54
3.484	30.52	7.0	0.99	4.29	214.39	0.0	42.54
3.488	30.52	7.0	0.72	4.34	211.48	0.0	42.54
3.497	30.52	7.0	0.88	4.35	210.11	0.0	42.54
3.506	30.52	7.0	0.92	4.33	210.26	0.0	42.54
3.528	30.52	7.0	0.8	4.3	214.44	0.0	42.54
3.54	30.52	7.0	0.88	4.51	208.99	0.0	42.55
3.559	30.52	7.0	0.8	4.53	213.5	0.0	42.54
3.608	30.52	7.0	0.84	4.52	215.79	0.0	42.55
3.649	30.51	7.0	0.84	4.59	208.46	0.0	42.55
3.67	30.51	7.0	0.76	4.61	213.35	0.0	42.55
3.718	30.51	7.0	0.84	4.61	214.34	0.0	42.55
3.753	30.51	7.0	0.8	4.74	206.68	0.0	42.55
3.767	30.51	7.0	0.8	4.74	210.11	0.0	42.55
3.8	30.51	7.0	0.8	4.73	213.7	0.0	42.55
3.824	30.51	7.0	0.72	4.75	208.99	0.0	42.55
3.84	30.51	7.0	0.88	4.78	204.58	0.02	42.55
3.846	30.51	7.0	0.69	4.86	203.03	0.0	42.55
3.849	30.51	7.0	0.76	4.86	204.92	0.0	42.55
3.858	30.51	7.0	0.72	4.83	207.59	0.0	42.55
3.876	30.51	7.0	0.8	4.77	208.7	0.0	42.55
3.882	30.51	7.0	0.76	4.69	201.48	0.0	42.55
3.885	30.51	7.0	0.61	4.71	203.5	0.0	42.55
3.9	30.51	7.0	0.8	4.73	205.01	0.0	42.55
3.923	30.51	7.0	0.72	4.76	206.39	0.0	42.55
3.929	30.51	7.0	0.84	4.93	205.53	0.0	42.56
3.94	30.51	7.0	0.84	4.91	206.63	0.0	42.56

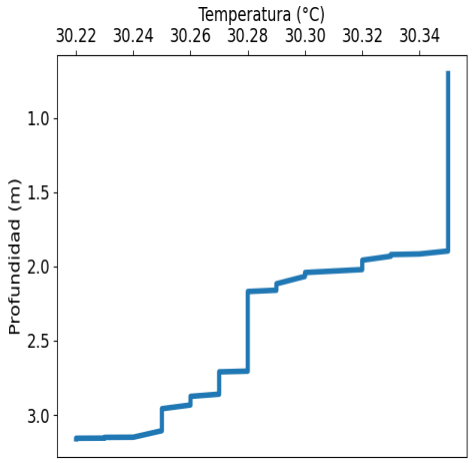
3.966	30.51	7.0	0.76	4.93	208.22	0.0	42.56
3.988	30.51	7.0	0.72	4.94	207.79	0.0	42.56
3.996	30.51	7.0	0.72	4.95	207.45	0.0	42.56
4.0	30.51	7.0	0.65	4.96	205.96	0.0	42.56
4.003	30.51	7.0	0.72	4.95	206.73	0.0	42.56
4.007	30.51	7.0	0.76	4.93	206.78	0.0	42.56
4.016	30.51	7.0	0.72	4.9	206.01	0.0	42.56
4.026	30.51	7.0	0.76	4.86	206.73	0.0	42.56
4.032	30.51	7.0	0.84	4.81	208.56	0.0	42.56
4.047	30.51	7.0	0.72	4.75	208.65	0.0	42.56
4.066	30.51	7.0	0.92	4.7	209.43	0.0	42.56
4.085	30.51	7.0	0.8	4.66	207.93	0.0	42.56
4.101	30.51	7.0	0.76	4.65	207.5	0.0	42.57
4.112	30.51	7.0	0.84	4.63	207.69	0.0	42.57
4.12	30.51	7.0	0.76	4.62	209.19	0.0	42.57
4.121	30.51	7.0	0.57	4.66	208.22	0.0	42.57
4.127	30.51	7.0	0.69	4.72	206.73	0.0	42.57
4.15	30.51	7.0	0.76	4.77	208.51	0.0	42.57
4.17	30.51	7.0	0.65	4.98	207.06	0.0	42.56
4.176	30.51	7.0	0.65	4.97	209.53	0.0	42.56
4.208	30.5	7.0	0.84	4.97	208.94	0.0	42.57
4.245	30.51	7.0	0.69	4.99	207.83	0.02	42.56
4.263	30.51	7.0	0.76	5.02	206.87	0.0	42.57
4.266	30.5	7.0	0.69	5.0	209.33	0.0	42.57
4.278	30.51	7.0	0.8	4.94	205.77	0.0	42.57
4.288	30.5	7.0	1.03	4.87	205.96	0.0	42.57
4.296	30.5	7.0	0.8	4.78	205.11	0.0	42.57
4.312	30.5	7.0	0.76	4.68	206.78	0.0	42.57
4.335	30.5	7.0	0.8	4.57	209.28	0.0	42.57
4.358	30.5	7.0	0.65	4.49	206.97	0.0	42.57
4.373	30.5	7.0	0.69	4.53	204.58	0.0	42.57
4.378	30.5	7.0	0.84	4.82	205.96	0.0	42.57
4.379	30.5	7.0	0.84	4.91	208.27	0.0	42.57
4.399	30.5	7.0	0.8	4.99	205.49	0.0	42.57
4.436	30.5	7.0	0.72	5.06	202.37	0.03	42.57
4.465	30.5	7.0	0.84	5.1	201.1	0.0	42.57
4.472	30.5	7.0	0.69	5.13	203.21	0.0	42.57
4.483	30.5	7.0	0.8	5.09	202.56	0.04	42.57
4.499	30.5	7.0	0.69	5.04	203.45	0.0	42.57
4.511	30.5	7.0	0.61	5.02	203.64	0.02	42.57
4.533	30.5	7.0	0.84	5.01	200.59	0.05	42.57
4.562	30.5	7.0	0.72	5.02	198.24	0.0	42.57
4.585	30.5	7.0	0.84	5.04	198.97	0.0	42.57
4.593	30.5	7.0	0.72	5.06	200.45	0.0	42.57
4.594	30.5	7.0	0.76	5.1	197.14	0.0	42.57
4.6	30.5	7.0	0.8	5.11	198.28	0.02	42.57
4.622	30.5	7.0	0.84	5.11	200.13	0.0	42.57
4.648	30.5	7.0	0.76	5.1	202.18	0.01	42.57
4.66	30.5	7.0	0.84	5.09	200.45	0.02	42.57
4.675	30.5	7.0	0.69	5.09	201.2	0.0	42.57
4.701	30.5	7.0	0.76	5.11	200.59	0.0	42.57
4.724	30.5	7.0	0.65	5.13	197.73	0.01	42.57
4.74	30.5	7.0	0.65	5.15	196.09	0.0	42.57
4.745	30.5	7.0	0.69	5.16	197.41	0.03	42.57
4.747	30.5	7.0	0.76	5.16	199.57	0.01	42.57
4.754	30.5	7.0	0.76	5.17	199.16	0.05	42.57
4.764	30.5	7.0	0.99	5.18	198.01	0.02	42.57
4.774	30.5	7.0	0.69	5.18	199.57	0.02	42.57

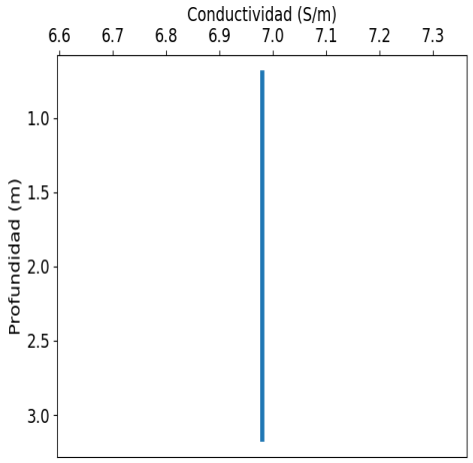
4.788	30.5	7.0	0.76	5.16	199.57	0.05	42.57
4.804	30.5	7.0	0.95	5.15	195.86	0.02	42.57
4.816	30.5	7.0	0.69	5.15	195.32	0.0	42.57
4.824	30.5	7.0	0.92	5.13	195.68	0.0	42.57
4.834	30.5	7.0	0.88	5.12	197.04	0.01	42.57
4.843	30.5	7.0	0.76	5.11	199.8	0.0	42.57
4.85	30.5	7.0	0.99	5.11	200.27	0.01	42.57
4.861	30.5	7.0	0.99	5.11	197.23	0.0	42.57
4.873	30.5	7.0	0.92	5.12	194.68	0.0	42.57
4.899	30.5	7.0	0.88	5.12	196.22	0.02	42.57
4.931	30.5	7.0	0.8	5.12	196.41	0.04	42.57
4.943	30.5	7.0	0.76	5.15	194.1	0.0	42.57
4.946	30.5	7.0	0.88	5.16	195.54	0.01	42.57
4.964	30.5	7.0	0.84	5.19	197.55	0.05	42.57
4.993	30.5	7.0	0.69	5.19	199.02	0.03	42.57
5.017	30.5	7.0	0.92	5.2	195.36	0.02	42.57
5.034	30.5	7.0	0.84	5.19	194.01	0.0	42.57
5.044	30.5	7.0	0.8	5.16	198.28	0.01	42.57
5.058	30.5	7.0	1.03	5.14	196.68	0.01	42.57
5.059	30.51	7.0	0.72	5.03	197.32	0.02	42.57
5.073	30.51	7.0	0.84	5.01	194.55	0.01	42.57
5.104	30.51	7.0	0.61	5.03	194.46	0.01	42.57
5.129	30.5	7.0	0.8	5.09	191.42	0.0	42.57
5.139	30.51	7.0	1.07	5.08	193.16	0.03	42.57
5.165	30.51	7.0	0.8	5.08	199.67	0.01	42.57
5.193	30.51	7.0	0.92	5.1	196.13	0.02	42.57
5.211	30.51	7.0	0.8	5.11	193.92	0.01	42.57
5.221	30.51	7.0	0.92	5.13	189.43	0.01	42.57
5.225	30.51	7.0	0.72	5.15	192.13	0.01	42.57
5.229	30.51	7.0	0.8	5.15	191.68	0.04	42.57
5.233	30.51	7.0	0.95	5.15	190.36	0.0	42.57
5.245	30.51	7.0	0.84	5.16	193.96	0.03	42.57
5.264	30.51	7.0	1.11	5.17	196.22	0.03	42.57
5.287	30.51	7.0	0.88	5.16	193.65	0.0	42.57
5.308	30.51	7.0	0.88	5.13	193.69	0.0	42.57
5.318	30.51	7.0	0.84	5.09	198.7	0.05	42.57
5.34	30.51	7.0	0.95	5.09	194.59	0.04	42.57
5.361	30.51	7.0	0.95	5.1	192.84	0.06	42.57
5.378	30.51	7.0	0.8	5.11	188.91	0.0	42.57
5.388	30.51	7.0	1.11	5.12	189.17	0.0	42.57
5.391	30.51	7.0	0.95	5.12	195.36	0.02	42.57
5.399	30.51	7.0	0.99	5.12	198.56	0.0	42.57
5.421	30.51	7.0	0.84	5.09	192.8	0.03	42.57
5.451	30.51	7.0	0.8	5.1	191.2	0.01	42.57
5.463	30.51	7.0	0.92	5.11	187.86	0.03	42.57
5.467	30.51	7.0	0.88	5.12	188.99	0.04	42.57
5.472	30.51	7.0	1.07	5.1	193.69	0.05	42.57
5.476	30.51	7.0	0.84	5.11	194.32	0.0	42.57
5.489	30.51	7.0	0.65	5.11	192.31	0.04	42.57
5.514	30.51	7.0	0.92	5.11	191.15	0.04	42.57
5.522	30.51	7.0	1.03	5.15	190.36	0.03	42.57
5.524	30.51	7.0	0.95	5.15	191.33	0.01	42.57
5.542	30.51	7.0	0.84	5.15	193.16	0.0	42.57
5.575	30.51	7.0	0.88	5.15	191.37	0.04	42.57
5.59	30.51	7.0	0.99	5.16	192.98	0.02	42.57
5.603	30.51	7.0	0.84	5.14	187.38	0.02	42.57
5.624	30.51	7.0	1.14	5.14	186.47	0.02	42.57
5.645	30.51	7.0	0.99	5.15	189.12	0.03	42.57

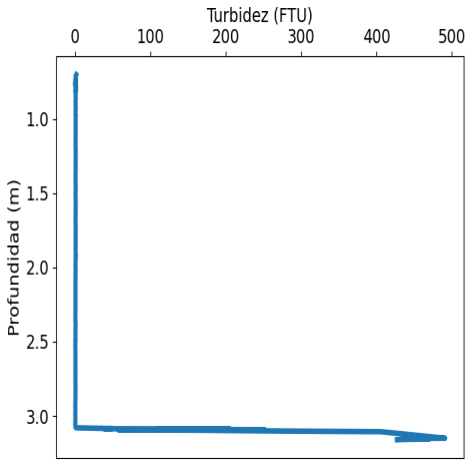
5.659	30.51	7.0	0.99	5.16	192.75	0.03	42.57
5.676	30.51	7.0	0.84	5.17	193.65	0.06	42.57
5.703	30.51	7.0	0.88	5.17	187.6	0.0	42.57
5.729	30.51	7.0	0.88	5.19	182.11	0.71	42.57
5.741	30.51	7.0	1.07	5.26	189.87	0.74	42.57
5.742	30.51	7.0	0.84	5.26	189.04	0.95	42.57
5.753	30.51	7.0	0.72	5.2	184.75	1.13	42.57
5.779	30.51	7.0	0.99	5.11	187.51	1.08	42.57
5.805	30.51	7.0	0.92	5.01	185.56	1.08	42.57
5.818	30.51	7.0	0.88	4.93	181.4	1.05	42.57
5.827	30.51	7.0	0.92	4.88	180.06	1.19	42.57
5.842	30.51	7.0	0.92	4.85	183.64	1.27	42.57
5.853	30.51	7.0	0.88	4.83	180.77	1.17	42.57
5.858	30.51	7.0	0.88	4.8	178.31	1.2	42.57
5.862	30.51	7.0	0.92	4.76	179.76	1.36	42.57
5.864	30.51	7.0	0.95	4.7	181.82	1.25	42.57
5.866	30.51	7.0	0.88	4.45	186.25	1.3	42.57
5.869	30.51	7.0	0.95	4.36	186.21	1.24	42.57
5.873	30.51	7.0	0.92	4.12	198.33	1.15	42.57
5.874	30.51	7.0	0.76	4.22	193.65	1.12	42.57
5.875	30.51	7.0	0.84	4.35	191.2	1.09	42.57

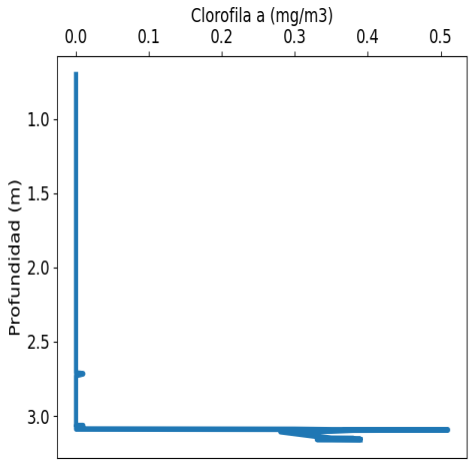
Nombre: CTD P02 - Punto 013 **Fecha: 01/08/2022** **Hora: 09:08:41**

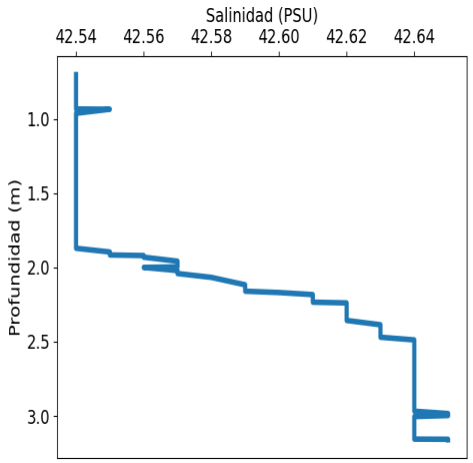


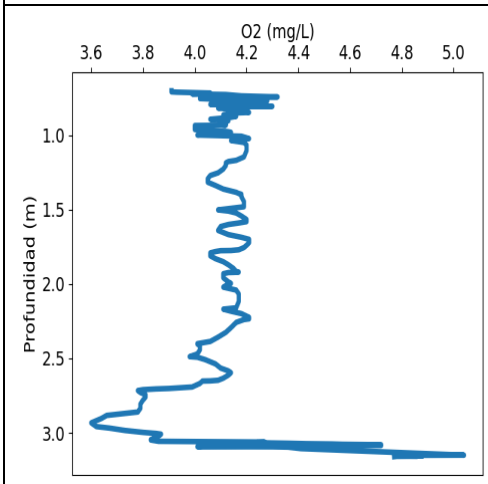


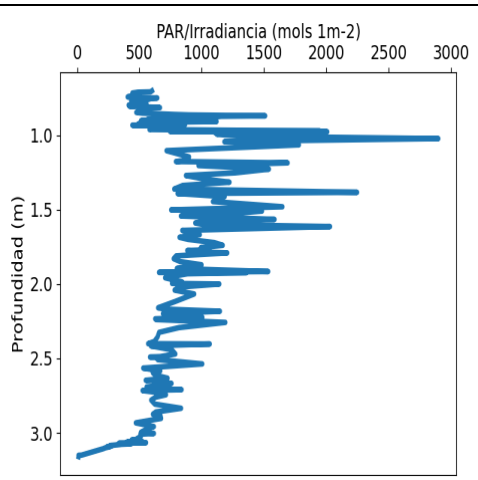












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.22	6.98	0.15	3.6	10.84	0.0	42.54
PROF (metros)	3.157	0.702	0.775	2.933	3.151	0.702	0.702
MÁXIMO	30.35	30.35	491.23	5.04	2899.4	0.51	42.65
PROF (metros)	0.702	0.702	3.15	3.15	1.023	3.094	2.875

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.35	6.98	0.91	4.11	683.78	0.0	42.54
1 - 2m	30.35	6.98	0.89	4.14	1123.79	0.0	42.54
2 - 3m	30.28	6.98	0.65	3.98	705.33	0.0	42.63
3 - 4m	30.25	6.98	140.1	4.38	303.92	0.14	42.64

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 2 - 3m con los valores 3.98 respectivamente.

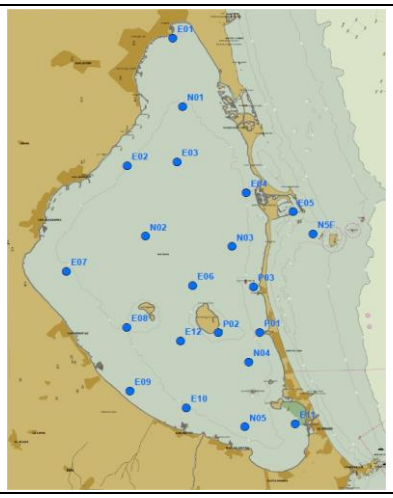
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	30.35	6.98	1.72	3.91	601.36	0.0	42.54
0.709	30.35	6.98	0.92	3.91	590.86	0.0	42.54
0.711	30.35	6.98	0.84	3.93	489.27	0.0	42.54
0.717	30.35	6.98	0.84	4.06	443.17	0.0	42.54
0.723	30.35	6.98	0.99	3.99	489.61	0.0	42.54
0.727	30.35	6.98	1.41	4.12	502.49	0.0	42.54
0.736	30.35	6.98	0.57	4.18	436.34	0.0	42.54
0.743	30.35	6.98	1.34	4.32	405.05	0.0	42.54
0.748	30.35	6.98	0.65	4.22	487.23	0.0	42.54
0.75	30.35	6.98	0.84	4.17	644.37	0.0	42.54
0.754	30.35	6.98	0.27	4.02	572.13	0.0	42.54
0.757	30.35	6.98	0.61	4.06	584.46	0.0	42.54
0.76	30.35	6.98	1.26	4.08	502.84	0.0	42.54
0.764	30.35	6.98	0.65	4.11	440.81	0.0	42.54
0.765	30.35	6.98	1.22	4.17	558.5	0.0	42.54
0.766	30.35	6.98	0.61	4.23	459.7	0.0	42.54
0.767	30.35	6.98	0.99	4.24	462.69	0.0	42.54
0.77	30.35	6.98	0.72	4.28	433.01	0.0	42.54
0.774	30.35	6.98	1.03	4.19	456.09	0.0	42.54
0.775	30.35	6.98	0.15	4.13	510.59	0.0	42.54
0.785	30.35	6.98	1.72	4.11	537.3	0.0	42.54
0.79	30.35	6.98	0.8	4.07	557.47	0.0	42.54
0.793	30.35	6.98	1.07	4.06	502.02	0.0	42.54
0.796	30.35	6.98	1.14	4.1	487.01	0.0	42.54
0.798	30.35	6.98	1.11	4.14	413.02	0.0	42.54
0.801	30.35	6.98	0.57	4.17	477.4	0.0	42.54
0.806	30.35	6.98	0.92	4.3	421.43	0.0	42.54
0.808	30.35	6.98	0.69	4.22	522.32	0.0	42.54
0.815	30.35	6.98	0.46	4.1	666.24	0.0	42.54
0.818	30.35	6.98	1.26	4.09	571.07	0.0	42.54
0.832	30.35	6.98	0.84	4.18	505.41	0.0	42.54
0.836	30.35	6.98	0.92	4.19	504.82	0.0	42.54
0.847	30.35	6.98	0.99	4.21	474.42	0.0	42.54
0.852	30.35	6.98	0.88	4.14	523.9	0.0	42.54
0.861	30.35	6.98	0.99	4.12	786.14	0.0	42.54
0.864	30.35	6.98	1.07	4.11	898.83	0.0	42.54

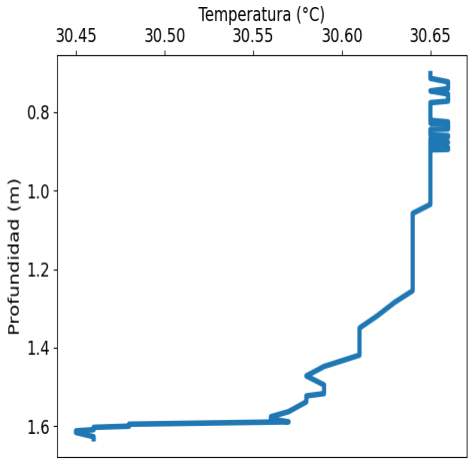
0.87	30.35	6.98	0.92	4.13	1510.3	0.0	42.54
0.873	30.35	6.98	0.88	4.16	1155.8	0.0	42.54
0.88	30.35	6.98	0.72	4.14	1079.4	0.0	42.54
0.89	30.35	6.98	0.95	4.08	700.44	0.0	42.54
0.893	30.35	6.98	1.03	4.06	565.93	0.0	42.54
0.897	30.35	6.98	1.03	4.1	595.12	0.0	42.54
0.903	30.35	6.98	0.76	4.13	512.25	0.0	42.54
0.908	30.35	6.98	0.88	4.11	1120.2	0.0	42.54
0.915	30.35	6.98	1.11	4.1	538.17	0.0	42.54
0.925	30.35	6.98	0.8	4.12	489.61	0.0	42.54
0.929	30.35	6.98	1.03	4.1	867.32	0.0	42.54
0.933	30.35	6.98	0.95	4.12	442.55	0.0	42.54
0.935	30.35	6.98	0.92	4.0	637.83	0.0	42.55
0.962	30.35	6.98	0.8	4.0	580.41	0.0	42.54
0.972	30.35	6.98	0.88	4.08	1948.9	0.0	42.54
0.975	30.35	6.98	0.72	4.12	745.33	0.0	42.54
0.977	30.35	6.98	0.95	4.13	2008.0	0.0	42.54
0.981	30.35	6.98	0.95	4.14	1103.5	0.0	42.54
0.992	30.35	6.98	0.84	4.05	1128.0	0.0	42.54
0.994	30.35	6.98	0.88	4.03	1121.8	0.0	42.54
0.999	30.35	6.98	0.99	4.01	1205.3	0.0	42.54
1.007	30.35	6.98	0.84	4.18	1331.7	0.0	42.54
1.023	30.35	6.98	0.84	4.21	2899.4	0.0	42.54
1.036	30.35	6.98	0.88	4.14	1743.7	0.0	42.54
1.044	30.35	6.98	0.92	4.17	1181.3	0.0	42.54
1.049	30.35	6.98	0.88	4.19	1350.0	0.0	42.54
1.065	30.35	6.98	0.95	4.2	1780.8	0.0	42.54
1.104	30.35	6.98	0.95	4.2	717.03	0.0	42.54
1.146	30.35	6.98	0.88	4.19	899.46	0.0	42.54
1.169	30.35	6.98	1.03	4.16	868.72	0.0	42.54
1.177	30.35	6.98	0.88	4.13	792.17	0.0	42.54
1.186	30.35	6.98	0.76	4.12	1690.3	0.0	42.54
1.204	30.35	6.98	1.03	4.12	973.66	0.0	42.54
1.228	30.35	6.98	0.95	4.11	1540.0	0.0	42.54
1.253	30.35	6.98	0.95	4.09	1269.3	0.0	42.54
1.271	30.35	6.98	0.99	4.06	872.76	0.0	42.54
1.293	30.35	6.98	0.88	4.05	1011.1	0.0	42.54
1.316	30.35	6.98	0.99	4.05	1223.9	0.0	42.54
1.338	30.35	6.98	0.99	4.08	847.84	0.0	42.54
1.362	30.35	6.98	0.84	4.11	778.7	0.0	42.54
1.384	30.35	6.98	0.84	4.16	2247.4	0.0	42.54
1.392	30.35	6.98	0.8	4.17	805.69	0.0	42.54
1.397	30.35	6.98	0.99	4.18	901.55	0.0	42.54
1.413	30.35	6.98	0.8	4.18	1184.9	0.0	42.54
1.446	30.35	6.98	0.95	4.19	1089.0	0.0	42.54
1.481	30.35	6.98	1.03	4.19	1648.2	0.0	42.54
1.502	30.35	6.98	0.88	4.09	754.01	0.0	42.54
1.51	30.35	6.98	0.72	4.13	1484.6	0.0	42.54
1.523	30.35	6.98	0.88	4.16	1300.6	0.0	42.54
1.543	30.35	6.98	0.95	4.18	832.46	0.0	42.54
1.566	30.35	6.98	0.99	4.2	1585.2	0.0	42.54
1.581	30.35	6.98	0.95	4.2	1002.0	0.0	42.54
1.59	30.35	6.98	0.84	4.17	947.39	0.0	42.54
1.6	30.35	6.98	0.88	4.13	1012.6	0.0	42.54
1.614	30.35	6.98	0.92	4.1	2030.5	0.0	42.54
1.64	30.35	6.98	0.95	4.09	843.53	0.0	42.54
1.668	30.35	6.98	0.84	4.13	985.46	0.0	42.54
1.686	30.35	6.98	0.8	4.18	821.15	0.0	42.54

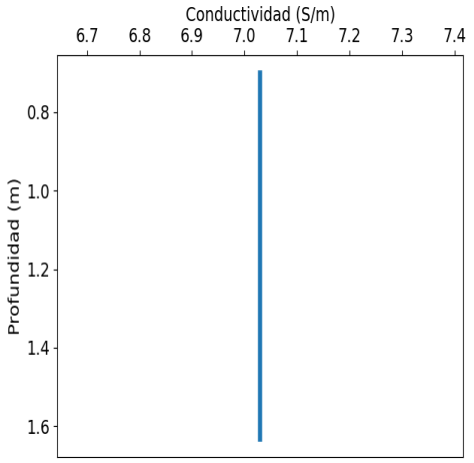
1.7	30.35	6.98	0.88	4.21	890.54	0.0	42.54
1.722	30.35	6.98	0.99	4.21	1101.9	0.0	42.54
1.74	30.35	6.98	0.92	4.2	1169.6	0.0	42.54
1.755	30.35	6.98	0.92	4.19	993.26	0.0	42.54
1.77	30.35	6.98	1.03	4.17	1061.1	0.0	42.54
1.775	30.35	6.98	0.92	4.14	883.75	0.0	42.54
1.776	30.35	6.98	0.88	4.1	908.26	0.0	42.54
1.782	30.35	6.98	0.88	4.08	905.73	0.0	42.54
1.791	30.35	6.98	0.84	4.06	1205.6	0.0	42.54
1.811	30.35	6.98	0.88	4.06	794.75	0.0	42.54
1.83	30.35	6.98	0.88	4.08	774.56	0.0	42.54
1.85	30.35	6.98	0.84	4.11	829.57	0.0	42.54
1.871	30.35	6.98	0.92	4.13	999.73	0.0	42.54
1.896	30.35	6.98	0.8	4.15	799.37	0.0	42.55
1.916	30.34	6.98	0.92	4.16	1534.6	0.0	42.55
1.92	30.33	6.98	0.95	4.17	989.81	0.0	42.56
1.922	30.33	6.98	0.76	4.15	656.73	0.0	42.56
1.923	30.33	6.98	0.95	4.13	1361.0	0.0	42.56
1.931	30.33	6.98	0.92	4.11	885.8	0.0	42.56
1.958	30.32	6.98	0.8	4.11	705.49	0.0	42.57
1.986	30.32	6.98	0.69	4.13	843.33	0.0	42.57
1.996	30.32	6.98	0.76	4.14	761.21	0.0	42.57
2.0	30.32	6.98	0.8	4.13	1142.2	0.0	42.56
2.021	30.32	6.98	0.88	4.11	816.03	0.0	42.57
2.041	30.3	6.98	0.76	4.16	781.96	0.0	42.57
2.067	30.3	6.98	0.72	4.17	940.39	0.0	42.58
2.117	30.29	6.98	0.65	4.17	788.69	0.0	42.59
2.16	30.29	6.98	0.57	4.16	649.31	0.0	42.59
2.169	30.28	6.98	0.65	4.11	712.72	0.0	42.6
2.183	30.28	6.98	0.72	4.14	1147.3	0.0	42.61
2.199	30.28	6.98	0.65	4.18	688.53	0.0	42.61
2.224	30.28	6.98	0.8	4.21	1006.0	0.0	42.61
2.234	30.28	6.98	0.65	4.21	625.97	0.0	42.61
2.239	30.28	6.98	0.72	4.19	635.47	0.0	42.62
2.258	30.28	6.98	0.72	4.16	1190.4	0.0	42.62
2.293	30.28	6.98	0.69	4.14	817.92	0.0	42.62
2.325	30.28	6.98	0.57	4.12	657.95	0.0	42.62
2.357	30.28	6.98	0.65	4.09	645.41	0.0	42.62
2.386	30.28	6.98	0.84	4.06	619.61	0.0	42.63
2.401	30.28	6.98	0.72	4.01	569.48	0.0	42.63
2.403	30.28	6.98	0.72	4.01	1065.5	0.0	42.63
2.416	30.28	6.98	0.69	4.02	592.1	0.0	42.63
2.442	30.28	6.98	0.69	4.02	759.98	0.0	42.63
2.47	30.28	6.98	0.61	4.01	789.24	0.0	42.63
2.488	30.28	6.98	0.69	3.98	667.16	0.0	42.64
2.491	30.28	6.98	0.84	4.0	584.33	0.0	42.64
2.492	30.28	6.98	0.65	4.01	635.91	0.0	42.64
2.508	30.28	6.98	0.53	4.04	646.76	0.0	42.64
2.537	30.28	6.98	0.61	4.08	1005.3	0.0	42.64
2.565	30.28	6.98	0.65	4.1	529.88	0.0	42.64
2.584	30.28	6.98	0.57	4.13	668.4	0.0	42.64
2.596	30.28	6.98	0.61	4.14	607.1	0.0	42.64
2.612	30.28	6.98	0.57	4.13	625.97	0.0	42.64
2.633	30.28	6.98	0.61	4.11	726.9	0.0	42.64
2.647	30.28	6.98	0.65	4.09	550.03	0.0	42.64
2.651	30.28	6.98	0.65	4.06	716.7	0.0	42.64
2.652	30.28	6.98	0.69	4.03	615.46	0.0	42.64
2.668	30.28	6.98	0.65	4.02	758.92	0.0	42.64

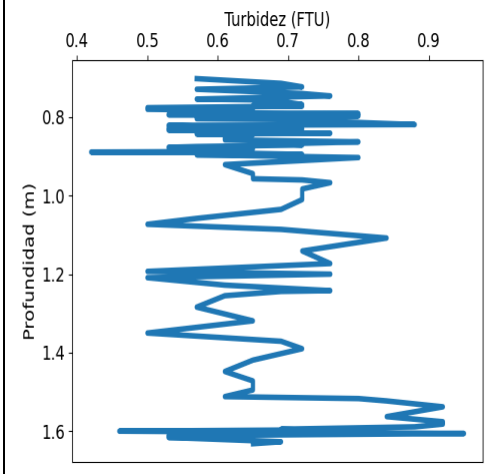
2.692	30.28	6.98	0.61	3.99	556.95	0.0	42.64
2.702	30.28	6.98	0.76	3.9	580.41	0.0	42.64
2.705	30.28	6.98	0.61	3.85	664.23	0.0	42.64
2.71	30.27	6.98	0.61	3.8	839.43	0.0	42.64
2.716	30.27	6.98	0.53	3.78	524.75	0.01	42.64
2.729	30.27	6.98	0.57	3.79	647.21	0.0	42.64
2.744	30.27	6.98	0.53	3.81	714.21	0.0	42.64
2.76	30.27	6.98	0.5	3.81	631.8	0.0	42.64
2.78	30.27	6.98	0.65	3.8	594.16	0.0	42.64
2.807	30.27	6.98	0.76	3.79	623.79	0.0	42.64
2.835	30.27	6.98	0.65	3.79	835.35	0.0	42.64
2.86	30.27	6.98	0.65	3.78	631.94	0.0	42.64
2.875	30.26	6.98	0.76	3.7	607.81	0.0	42.64
2.883	30.26	6.98	0.72	3.66	668.56	0.0	42.64
2.903	30.26	6.98	0.61	3.64	674.78	0.0	42.64
2.933	30.26	6.98	0.46	3.6	470.7	0.0	42.64
2.958	30.25	6.98	0.69	3.62	617.18	0.0	42.64
2.968	30.25	6.98	0.5	3.67	583.78	0.0	42.64
2.984	30.25	6.98	0.5	3.73	539.42	0.0	42.65
2.997	30.25	6.98	0.46	3.8	511.18	0.0	42.65
3.004	30.25	6.98	0.65	3.85	617.46	0.0	42.64
3.009	30.25	6.98	0.57	3.87	508.93	0.0	42.64
3.022	30.25	6.98	0.61	3.86	513.68	0.0	42.64
3.046	30.25	6.98	0.57	3.83	467.22	0.0	42.64
3.048	30.25	6.98	0.5	3.83	437.25	0.0	42.64
3.057	30.25	6.98	0.38	3.86	523.65	0.0	42.64
3.062	30.25	6.98	0.53	4.27	398.72	0.0	42.64
3.063	30.25	6.98	0.61	4.27	464.73	0.0	42.64
3.064	30.25	6.98	0.61	4.25	463.01	0.0	42.64
3.065	30.25	6.98	0.57	4.24	428.62	0.01	42.64
3.066	30.25	6.98	0.65	4.25	554.25	0.0	42.64
3.068	30.25	6.98	0.53	4.29	387.78	0.0	42.64
3.07	30.25	6.98	0.53	4.36	334.48	0.0	42.64
3.073	30.25	6.98	0.46	4.43	436.64	0.0	42.64
3.075	30.25	6.98	0.61	4.53	406.75	0.0	42.64
3.077	30.25	6.98	0.76	4.57	357.07	0.0	42.64
3.079	30.25	6.98	1.03	4.69	331.7	0.0	42.64
3.08	30.25	6.98	2.71	4.72	327.35	0.0	42.64
3.085	30.25	6.98	48.9	4.72	268.87	0.0	42.64
3.086	30.25	6.98	38.83	4.38	281.96	0.0	42.64
3.088	30.25	6.98	205.77	4.32	261.98	0.0	42.64
3.09	30.25	6.98	107.38	4.03	262.11	0.3	42.64
3.093	30.25	6.98	252.0	4.01	240.4	0.35	42.64
3.094	30.25	6.98	57.79	4.3	263.14	0.51	42.64
3.096	30.25	6.98	159.23	4.36	249.42	0.38	42.64
3.102	30.25	6.98	283.44	4.39	221.82	0.35	42.64
3.106	30.25	6.98	405.74	4.41	212.21	0.28	42.64
3.15	30.24	6.98	491.23	5.04	35.21	0.35	42.64
3.151	30.23	6.98	456.78	4.87	10.84	0.38	42.64
3.155	30.23	6.98	470.02	4.88	13.79	0.38	42.64
3.156	30.23	6.98	462.2	4.82	13.63	0.34	42.64
3.157	30.22	6.98	449.61	4.86	13.3	0.39	42.65
3.158	30.22	6.98	434.42	4.78	13.1	0.33	42.65
3.16	30.22	6.98	427.18	4.77	12.35	0.39	42.65

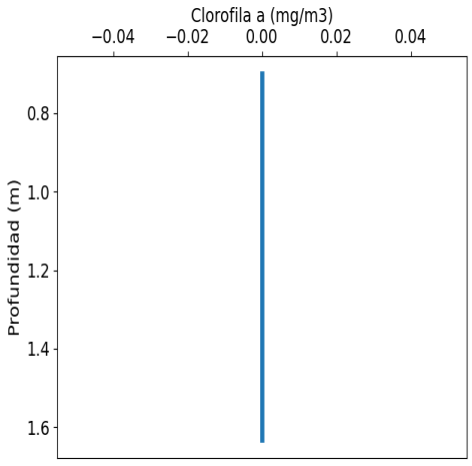
Nombre: CTD P01 - Punto 014 **Fecha: 01/08/2022** **Hora: 09:08:35**

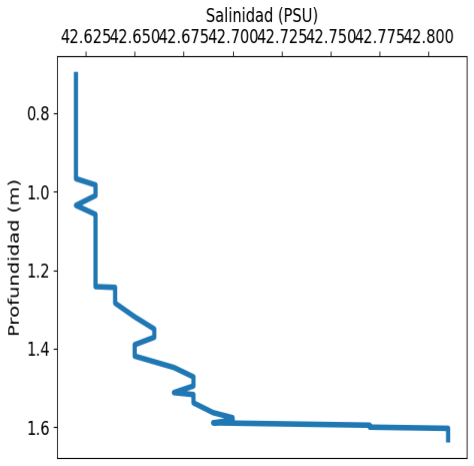


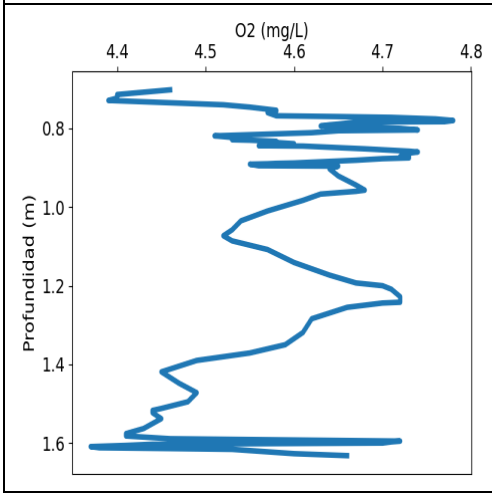


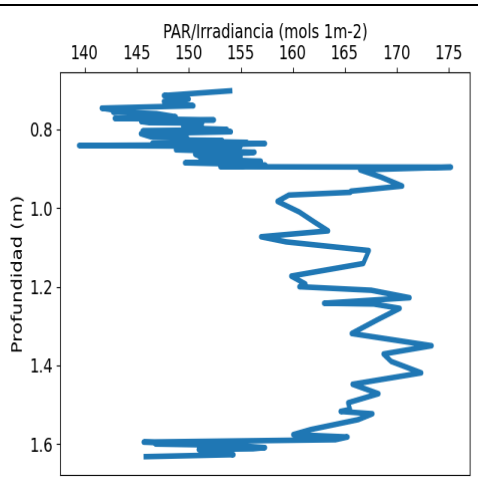


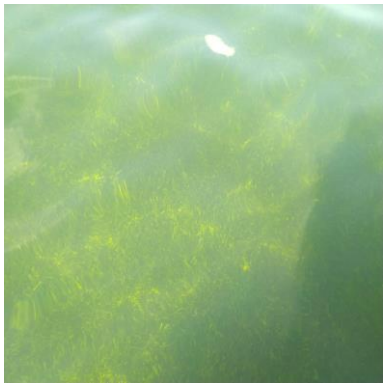












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.45	7.03	0.42	4.37	139.44	0.0	42.62
PROF (metros)	1.612	0.702	0.889	1.609	0.841	0.702	0.702
MÁXIMO	30.66	30.66	0.95	4.78	175.2	0.0	42.81
PROF (metros)	0.723	0.702	1.606	0.78	0.896	0.702	1.603

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.65	7.03	0.65	4.62	152.43	0.0	42.62
1 - 2m	30.58	7.03	0.69	4.55	161.76	0.0	42.69

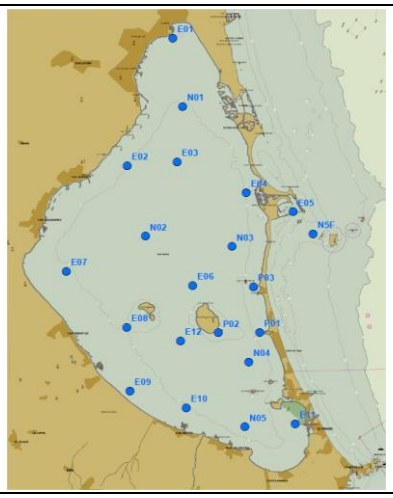
OBSERVACIONES GENERALES

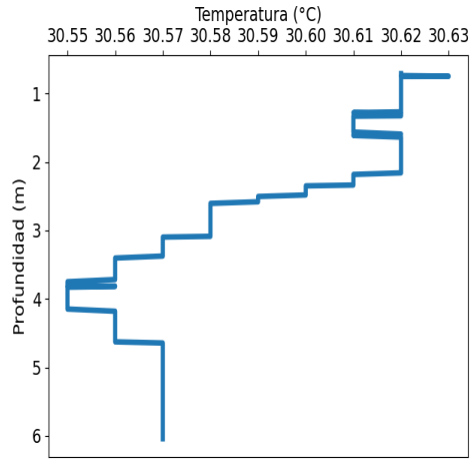
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	30.65	7.03	0.57	4.46	153.98	0.0	42.62
0.714	30.65	7.03	0.69	4.4	147.59	0.0	42.62
0.723	30.66	7.03	0.72	4.4	150.0	0.0	42.62
0.729	30.66	7.03	0.57	4.39	147.59	0.0	42.62
0.74	30.66	7.03	0.72	4.52	150.45	0.0	42.62
0.746	30.65	7.03	0.76	4.55	141.62	0.0	42.62
0.754	30.66	7.03	0.57	4.58	143.6	0.0	42.62
0.756	30.66	7.03	0.65	4.58	142.71	0.0	42.62
0.76	30.66	7.03	0.69	4.57	146.9	0.0	42.62
0.768	30.66	7.03	0.72	4.58	148.75	0.0	42.62
0.77	30.66	7.03	0.65	4.65	148.41	0.0	42.62
0.772	30.66	7.03	0.72	4.71	142.87	0.0	42.62
0.776	30.65	7.03	0.5	4.76	152.42	0.0	42.62
0.78	30.65	7.03	0.5	4.78	145.41	0.0	42.62
0.783	30.65	7.03	0.65	4.77	146.19	0.0	42.62
0.784	30.65	7.03	0.53	4.67	151.29	0.0	42.62
0.789	30.65	7.03	0.61	4.65	150.59	0.0	42.62
0.791	30.65	7.03	0.8	4.64	149.44	0.0	42.62
0.794	30.65	7.03	0.53	4.63	151.26	0.0	42.62
0.797	30.65	7.03	0.8	4.69	150.1	0.0	42.62
0.8	30.65	7.03	0.57	4.72	153.66	0.0	42.62
0.804	30.65	7.03	0.57	4.74	145.55	0.0	42.62
0.806	30.65	7.03	0.69	4.65	154.05	0.0	42.62
0.811	30.65	7.03	0.76	4.62	145.38	0.0	42.62
0.819	30.65	7.03	0.88	4.51	146.36	0.0	42.62
0.821	30.65	7.03	0.53	4.52	149.83	0.0	42.62
0.825	30.66	7.03	0.61	4.54	148.99	0.0	42.62
0.827	30.66	7.03	0.69	4.55	149.72	0.0	42.62
0.828	30.65	7.03	0.61	4.54	153.2	0.0	42.62
0.829	30.66	7.03	0.53	4.53	150.87	0.0	42.62
0.83	30.66	7.03	0.72	4.55	149.55	0.0	42.62
0.833	30.66	7.03	0.53	4.58	155.59	0.0	42.62
0.835	30.66	7.03	0.65	4.58	146.49	0.0	42.62
0.836	30.66	7.03	0.69	4.58	157.33	0.0	42.62
0.839	30.66	7.03	0.57	4.6	153.3	0.0	42.62
0.841	30.66	7.03	0.76	4.6	139.44	0.0	42.62
0.843	30.66	7.03	0.57	4.58	153.98	0.0	42.62
0.844	30.65	7.03	0.65	4.56	154.95	0.0	42.62
0.845	30.65	7.03	0.65	4.61	149.44	0.0	42.62
0.852	30.65	7.03	0.61	4.68	148.75	0.0	42.62

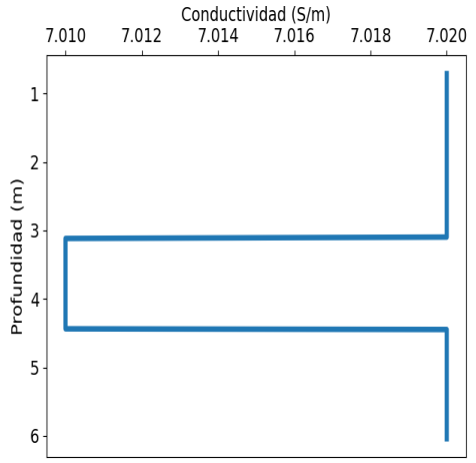
0.858	30.65	7.03	0.61	4.73	156.32	0.0	42.62
0.86	30.66	7.03	0.69	4.74	155.81	0.0	42.62
0.863	30.66	7.03	0.8	4.73	150.59	0.0	42.62
0.868	30.65	7.03	0.69	4.73	150.98	0.0	42.62
0.871	30.65	7.03	0.72	4.72	154.98	0.0	42.62
0.875	30.65	7.03	0.57	4.73	151.12	0.0	42.62
0.877	30.66	7.03	0.53	4.7	153.13	0.0	42.62
0.881	30.65	7.03	0.65	4.67	156.93	0.0	42.62
0.885	30.65	7.03	0.61	4.63	149.62	0.0	42.62
0.888	30.65	7.03	0.57	4.6	154.3	0.0	42.62
0.889	30.65	7.03	0.42	4.58	155.77	0.0	42.62
0.89	30.66	7.03	0.61	4.57	153.27	0.0	42.62
0.891	30.66	7.03	0.61	4.55	157.37	0.0	42.62
0.895	30.66	7.03	0.72	4.56	153.02	0.0	42.62
0.896	30.65	7.03	0.57	4.65	175.2	0.0	42.62
0.903	30.65	7.03	0.8	4.64	166.45	0.0	42.62
0.921	30.65	7.03	0.61	4.65	168.43	0.0	42.62
0.944	30.65	7.03	0.65	4.67	170.51	0.0	42.62
0.957	30.65	7.03	0.65	4.68	165.57	0.0	42.62
0.96	30.65	7.03	0.72	4.67	165.53	0.0	42.62
0.967	30.65	7.03	0.76	4.63	159.61	0.0	42.62
0.983	30.65	7.03	0.72	4.61	158.51	0.0	42.63
1.01	30.65	7.03	0.72	4.57	160.61	0.0	42.63
1.035	30.65	7.03	0.69	4.54	162.03	0.0	42.62
1.058	30.64	7.03	0.57	4.53	163.39	0.0	42.63
1.073	30.64	7.03	0.5	4.52	156.93	0.0	42.63
1.086	30.64	7.03	0.69	4.53	159.35	0.0	42.63
1.108	30.64	7.03	0.84	4.57	167.3	0.0	42.63
1.141	30.64	7.03	0.72	4.6	166.76	0.0	42.63
1.173	30.64	7.03	0.76	4.64	159.83	0.0	42.63
1.193	30.64	7.03	0.5	4.67	161.21	0.0	42.63
1.2	30.64	7.03	0.76	4.7	160.61	0.0	42.63
1.209	30.64	7.03	0.5	4.71	167.53	0.0	42.63
1.228	30.64	7.03	0.61	4.72	171.22	0.0	42.63
1.242	30.64	7.03	0.76	4.72	162.98	0.0	42.63
1.244	30.64	7.03	0.69	4.7	167.77	0.0	42.64
1.255	30.64	7.03	0.61	4.66	170.27	0.0	42.64
1.284	30.63	7.03	0.57	4.62	168.12	0.0	42.64
1.319	30.62	7.03	0.65	4.61	165.64	0.0	42.65
1.35	30.61	7.03	0.5	4.59	173.34	0.0	42.66
1.371	30.61	7.03	0.69	4.55	168.7	0.0	42.66
1.39	30.61	7.03	0.72	4.49	169.45	0.0	42.65
1.419	30.61	7.03	0.65	4.45	172.34	0.0	42.65
1.448	30.59	7.03	0.61	4.47	165.72	0.0	42.67
1.472	30.58	7.03	0.65	4.49	168.23	0.0	42.68
1.495	30.59	7.03	0.65	4.48	165.3	0.0	42.68
1.512	30.59	7.03	0.61	4.45	165.49	0.0	42.67
1.517	30.59	7.03	0.8	4.44	164.57	0.0	42.68
1.523	30.58	7.03	0.84	4.44	167.65	0.0	42.68
1.538	30.58	7.03	0.92	4.45	166.26	0.0	42.68
1.563	30.57	7.03	0.84	4.43	161.73	0.0	42.69
1.576	30.56	7.03	0.92	4.41	160.02	0.0	42.7
1.582	30.56	7.03	0.92	4.41	165.26	0.0	42.7
1.589	30.57	7.03	0.88	4.46	164.08	0.0	42.69
1.595	30.48	7.03	0.69	4.72	145.65	0.0	42.77
1.597	30.48	7.03	0.72	4.71	147.31	0.0	42.77
1.6	30.48	7.03	0.46	4.7	146.8	0.0	42.77
1.603	30.46	7.03	0.72	4.44	153.62	0.0	42.81

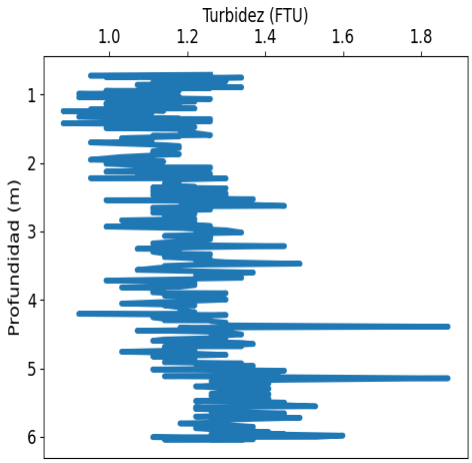
1.606	30.46	7.03	0.95	4.41	155.7	0.0	42.81
1.609	30.46	7.03	0.72	4.37	157.33	0.0	42.81
1.612	30.45	7.03	0.53	4.38	156.17	0.0	42.81
1.614	30.45	7.03	0.65	4.46	150.94	0.0	42.81
1.616	30.45	7.03	0.53	4.53	152.31	0.0	42.81
1.627	30.46	7.03	0.69	4.6	154.3	0.0	42.81
1.632	30.46	7.03	0.65	4.66	145.85	0.0	42.81

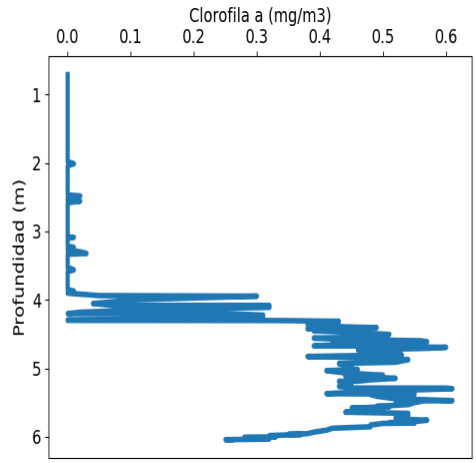
Nombre: CTD N04 - Punto 015 **Fecha: 01/08/2022** **Hora: 10:08:05**

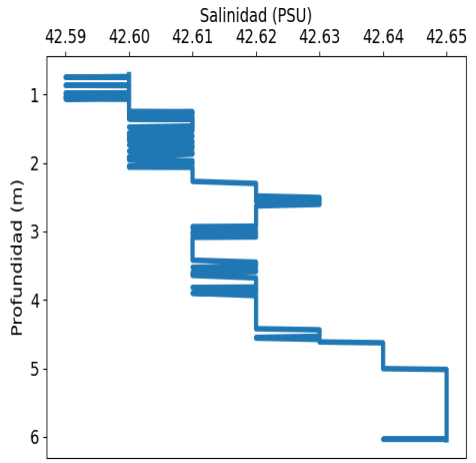


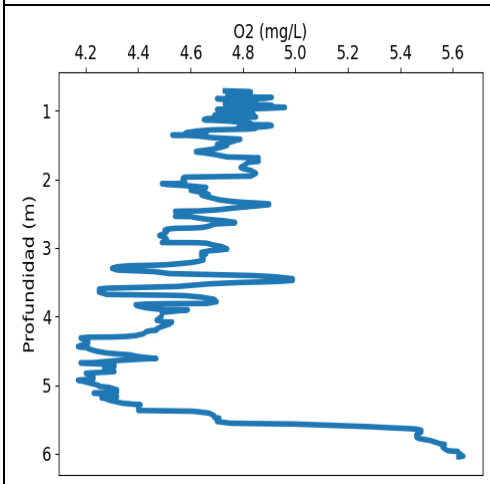


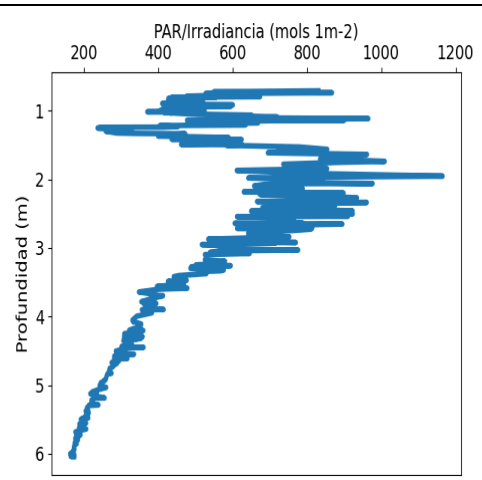












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.55	7.01	0.88	4.17	163.28	0.0	42.59
PROF (metros)	3.75	3.118	1.243	4.438	6.002	0.711	0.748
MÁXIMO	30.63	30.63	1.87	5.64	1165.0	0.61	42.65
PROF (metros)	0.739	0.711	4.392	6.036	1.954	5.298	5.017

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N04 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.62	7.02	1.13	4.82	508.64	0.0	42.6
1 - 2m	30.62	7.02	1.09	4.74	584.99	0.0	42.6
2 - 3m	30.59	7.02	1.18	4.63	745.96	0.0	42.62
3 - 4m	30.56	7.01	1.2	4.57	465.99	0.01	42.62
4 - 5m	30.56	7.02	1.22	4.3	304.92	0.38	42.63
5 - 6m	30.57	7.02	1.34	4.95	201.99	0.48	42.65
6 - 7m	30.57	7.02	1.28	5.63	170.04	0.29	42.65

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	30.62	7.02	1.26	4.73	831.11	0.0	42.6
0.721	30.62	7.02	0.99	4.82	635.61	0.0	42.6
0.726	30.62	7.02	0.95	4.83	549.26	0.0	42.6
0.739	30.62	7.02	1.07	4.83	867.72	0.0	42.6
0.748	30.63	7.02	0.99	4.82	578.13	0.0	42.59
0.75	30.63	7.02	1.14	4.77	527.18	0.0	42.6
0.752	30.62	7.02	1.11	4.74	527.43	0.0	42.6
0.754	30.62	7.02	1.34	4.76	561.88	0.0	42.6
0.774	30.62	7.02	1.14	4.79	585.82	0.0	42.6
0.789	30.62	7.02	1.18	4.74	476.62	0.0	42.6
0.796	30.62	7.02	1.14	4.75	674.31	0.0	42.6
0.804	30.62	7.02	1.18	4.9	436.44	0.0	42.6
0.806	30.62	7.02	1.3	4.91	555.28	0.0	42.6
0.823	30.62	7.02	1.11	4.88	427.03	0.0	42.6
0.826	30.62	7.02	1.22	4.7	501.56	0.0	42.6
0.834	30.62	7.02	1.18	4.72	489.61	0.0	42.6
0.85	30.62	7.02	1.22	4.75	466.46	0.0	42.6
0.859	30.62	7.02	1.07	4.8	452.72	0.0	42.6
0.862	30.62	7.02	1.14	4.81	495.09	0.0	42.6
0.866	30.62	7.02	1.11	4.83	491.55	0.0	42.6
0.867	30.62	7.02	1.18	4.85	425.75	0.0	42.59
0.871	30.62	7.02	1.26	4.85	446.88	0.0	42.6
0.886	30.62	7.02	1.14	4.85	522.44	0.0	42.6
0.896	30.62	7.02	1.34	4.8	410.63	0.0	42.6
0.898	30.62	7.02	1.22	4.77	488.03	0.0	42.6
0.901	30.62	7.02	1.18	4.74	419.68	0.0	42.6
0.905	30.62	7.02	1.26	4.73	433.22	0.0	42.6
0.916	30.62	7.02	1.11	4.89	601.08	0.0	42.6
0.921	30.62	7.02	1.14	4.91	455.03	0.0	42.6
0.93	30.62	7.02	1.11	4.91	483.19	0.0	42.6
0.941	30.62	7.02	1.11	4.9	594.57	0.0	42.6
0.945	30.62	7.02	1.18	4.9	492.11	0.0	42.6
0.946	30.62	7.02	0.99	4.93	427.03	0.0	42.6
0.952	30.62	7.02	1.03	4.96	427.83	0.0	42.6
0.957	30.62	7.02	1.11	4.94	463.55	0.0	42.6

0.962	30.62	7.02	1.14	4.91	424.76	0.0	42.6
0.968	30.62	7.02	1.14	4.88	413.11	0.0	42.6
0.971	30.62	7.02	1.03	4.84	439.08	0.0	42.6
0.977	30.62	7.02	1.03	4.77	499.82	0.0	42.6
0.982	30.62	7.02	1.07	4.7	455.77	0.0	42.59
0.985	30.62	7.02	1.03	4.72	498.66	0.0	42.6
0.989	30.62	7.02	0.92	4.75	451.67	0.0	42.6
0.993	30.62	7.02	0.95	4.79	467.0	0.0	42.6
1.001	30.62	7.02	1.03	4.81	404.02	0.0	42.6
1.011	30.62	7.02	1.07	4.82	525.6	0.0	42.6
1.017	30.62	7.02	1.03	4.73	370.73	0.0	42.6
1.02	30.62	7.02	1.03	4.73	455.77	0.0	42.6
1.025	30.62	7.02	0.99	4.75	473.98	0.0	42.6
1.03	30.62	7.02	1.18	4.78	416.96	0.0	42.6
1.031	30.62	7.02	1.03	4.79	436.44	0.0	42.59
1.032	30.62	7.02	1.03	4.8	432.31	0.0	42.59
1.043	30.62	7.02	0.92	4.84	467.43	0.0	42.6
1.046	30.62	7.02	1.14	4.77	482.07	0.0	42.6
1.052	30.62	7.02	1.11	4.72	508.46	0.0	42.6
1.066	30.62	7.02	1.26	4.69	651.73	0.0	42.59
1.07	30.62	7.02	1.07	4.81	632.38	0.0	42.6
1.08	30.62	7.02	1.18	4.83	639.9	0.0	42.6
1.092	30.62	7.02	1.03	4.85	720.19	0.0	42.6
1.104	30.62	7.02	1.22	4.8	616.46	0.0	42.6
1.116	30.62	7.02	1.14	4.66	965.34	0.0	42.6
1.13	30.62	7.02	0.99	4.65	669.18	0.0	42.6
1.139	30.62	7.02	1.18	4.66	477.62	0.0	42.6
1.14	30.62	7.02	1.18	4.68	900.5	0.0	42.6
1.143	30.62	7.02	1.18	4.7	720.36	0.0	42.6
1.147	30.62	7.02	0.99	4.72	694.94	0.0	42.6
1.153	30.62	7.02	1.03	4.75	610.92	0.0	42.6
1.165	30.62	7.02	1.11	4.78	513.79	0.0	42.6
1.177	30.62	7.02	1.14	4.81	668.87	0.0	42.6
1.186	30.62	7.02	1.18	4.83	605.28	0.0	42.6
1.191	30.62	7.02	1.11	4.82	603.46	0.0	42.6
1.198	30.62	7.02	1.07	4.82	537.55	0.0	42.6
1.204	30.62	7.02	0.99	4.84	477.07	0.0	42.6
1.205	30.62	7.02	1.22	4.87	507.17	0.0	42.6
1.207	30.62	7.02	1.14	4.9	635.17	0.0	42.6
1.218	30.62	7.02	0.95	4.91	404.12	0.0	42.6
1.231	30.62	7.02	1.11	4.89	453.56	0.0	42.6
1.24	30.62	7.02	1.14	4.85	413.4	0.0	42.6
1.243	30.62	7.02	0.88	4.79	243.82	0.0	42.6
1.248	30.62	7.02	1.11	4.78	265.59	0.0	42.6
1.253	30.62	7.02	1.03	4.85	237.02	0.0	42.61
1.269	30.62	7.02	1.11	4.82	274.92	0.0	42.6
1.28	30.61	7.02	0.99	4.68	328.94	0.0	42.61
1.299	30.62	7.02	0.95	4.62	258.91	0.0	42.6
1.326	30.62	7.02	0.92	4.58	289.24	0.0	42.6
1.332	30.61	7.02	0.95	4.66	347.44	0.0	42.61
1.337	30.61	7.02	0.99	4.62	473.1	0.0	42.61
1.349	30.61	7.02	1.11	4.59	436.14	0.0	42.6
1.354	30.61	7.02	1.18	4.57	456.62	0.0	42.6
1.355	30.61	7.02	1.11	4.54	410.06	0.0	42.61
1.356	30.61	7.02	1.11	4.53	461.51	0.0	42.6
1.359	30.61	7.02	1.26	4.58	415.13	0.0	42.61
1.37	30.61	7.02	1.22	4.63	399.83	0.0	42.61
1.393	30.61	7.02	1.26	4.68	590.04	0.0	42.61

1.416	30.61	7.02	1.03	4.79	436.14	0.0	42.61
1.422	30.61	7.02	0.88	4.78	624.95	0.0	42.61
1.437	30.61	7.02	1.18	4.77	511.06	0.0	42.61
1.461	30.61	7.02	1.14	4.75	534.19	0.0	42.61
1.477	30.61	7.02	1.22	4.72	603.74	0.0	42.6
1.491	30.61	7.02	0.99	4.7	461.41	0.0	42.61
1.497	30.61	7.02	1.07	4.71	626.26	0.0	42.61
1.505	30.61	7.02	1.18	4.74	583.65	0.0	42.61
1.53	30.61	7.02	1.18	4.72	780.69	0.0	42.61
1.564	30.61	7.02	1.22	4.68	854.74	0.0	42.6
1.594	30.62	7.02	1.26	4.62	721.2	0.0	42.6
1.603	30.61	7.02	1.11	4.62	737.42	0.0	42.61
1.614	30.61	7.02	1.18	4.65	694.78	0.0	42.61
1.638	30.62	7.02	1.03	4.69	961.77	0.0	42.6
1.675	30.62	7.02	1.03	4.74	893.85	0.0	42.6
1.687	30.62	7.02	1.11	4.86	918.84	0.0	42.61
1.702	30.62	7.02	0.95	4.85	835.16	0.0	42.61
1.739	30.62	7.02	1.14	4.86	1009.3	0.0	42.6
1.753	30.62	7.02	1.18	4.82	885.19	0.0	42.61
1.781	30.62	7.02	1.18	4.81	736.23	0.0	42.61
1.828	30.62	7.02	1.11	4.79	782.32	0.0	42.6
1.846	30.62	7.02	1.11	4.8	854.55	0.0	42.61
1.871	30.62	7.02	1.18	4.83	611.2	0.0	42.61
1.913	30.62	7.02	1.03	4.85	785.95	0.0	42.6
1.954	30.62	7.02	0.95	4.83	1165.0	0.0	42.6
1.969	30.62	7.02	1.11	4.58	811.31	0.0	42.61
1.981	30.62	7.02	1.14	4.57	642.13	0.0	42.61
2.012	30.62	7.02	0.99	4.57	842.74	0.01	42.61
2.043	30.62	7.02	1.11	4.58	719.53	0.0	42.6
2.062	30.62	7.02	1.07	4.55	976.82	0.0	42.6
2.063	30.62	7.02	1.11	4.51	862.9	0.0	42.61
2.064	30.62	7.02	1.26	4.49	745.67	0.0	42.61
2.076	30.62	7.02	1.26	4.51	683.91	0.0	42.61
2.098	30.62	7.02	1.14	4.6	657.8	0.0	42.61
2.119	30.62	7.02	1.03	4.66	742.91	0.0	42.61
2.128	30.62	7.02	0.99	4.63	674.31	0.0	42.61
2.137	30.62	7.02	1.22	4.6	789.06	0.0	42.61
2.16	30.62	7.02	1.26	4.6	774.2	0.0	42.61
2.183	30.61	7.02	1.14	4.63	630.04	0.0	42.61
2.201	30.61	7.02	1.07	4.66	898.83	0.0	42.61
2.216	30.61	7.02	1.26	4.66	672.44	0.0	42.61
2.222	30.61	7.02	0.95	4.67	704.35	0.0	42.61
2.224	30.61	7.02	1.26	4.66	824.77	0.0	42.61
2.227	30.61	7.02	1.3	4.64	676.66	0.0	42.61
2.243	30.61	7.02	1.18	4.65	817.92	0.0	42.61
2.27	30.61	7.02	1.18	4.68	934.74	0.0	42.61
2.3	30.61	7.02	1.14	4.71	922.9	0.0	42.62
2.324	30.61	7.02	1.14	4.76	665.62	0.0	42.62
2.338	30.61	7.02	1.18	4.81	961.1	0.0	42.62
2.35	30.6	7.02	1.22	4.87	825.35	0.0	42.62
2.36	30.6	7.02	1.11	4.9	735.72	0.0	42.62
2.37	30.6	7.02	1.3	4.9	761.74	0.0	42.62
2.385	30.6	7.02	1.26	4.86	876.0	0.0	42.62
2.413	30.6	7.02	1.11	4.78	679.96	0.0	42.62
2.446	30.6	7.02	1.3	4.7	844.7	0.0	42.62
2.462	30.6	7.02	1.26	4.63	923.11	0.0	42.62
2.464	30.6	7.02	1.18	4.57	649.77	0.0	42.62
2.467	30.6	7.02	1.11	4.54	816.4	0.0	42.62

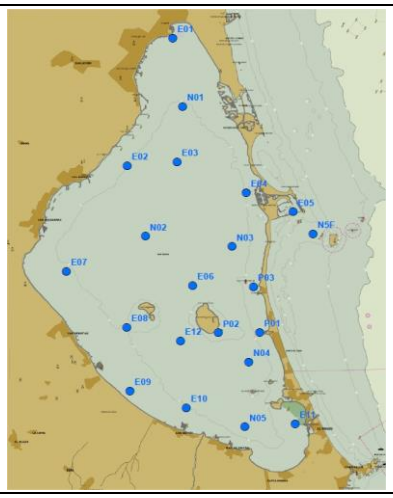
2.483	30.6	7.02	1.3	4.55	681.23	0.02	42.62
2.505	30.59	7.02	1.18	4.56	923.54	0.0	42.63
2.52	30.59	7.02	1.22	4.56	775.1	0.0	42.63
2.529	30.59	7.02	1.37	4.55	699.95	0.0	42.62
2.539	30.59	7.02	1.11	4.54	910.58	0.0	42.62
2.542	30.59	7.02	1.11	4.56	779.6	0.0	42.63
2.544	30.59	7.02	0.99	4.6	611.77	0.0	42.62
2.559	30.59	7.02	1.26	4.62	718.69	0.02	42.62
2.582	30.59	7.02	1.34	4.66	765.28	0.0	42.63
2.606	30.58	7.02	1.34	4.73	699.63	0.0	42.63
2.628	30.58	7.02	1.45	4.77	722.37	0.0	42.62
2.636	30.58	7.02	1.18	4.77	788.51	0.0	42.62
2.642	30.58	7.02	1.26	4.74	605.56	0.0	42.62
2.653	30.58	7.02	1.11	4.69	895.51	0.0	42.62
2.669	30.58	7.02	1.11	4.68	729.6	0.0	42.62
2.682	30.58	7.02	1.26	4.67	668.25	0.0	42.62
2.692	30.58	7.02	1.18	4.66	649.31	0.0	42.62
2.704	30.58	7.02	1.18	4.64	717.86	0.0	42.62
2.711	30.58	7.02	1.14	4.6	814.51	0.0	42.62
2.715	30.58	7.02	1.14	4.54	612.05	0.0	42.62
2.727	30.58	7.02	1.11	4.51	811.31	0.0	42.62
2.744	30.58	7.02	1.22	4.5	769.73	0.0	42.62
2.765	30.58	7.02	1.14	4.51	684.39	0.0	42.62
2.789	30.58	7.02	1.18	4.5	641.83	0.0	42.62
2.807	30.58	7.02	1.14	4.49	655.51	0.0	42.62
2.82	30.58	7.02	1.22	4.48	653.09	0.0	42.62
2.838	30.58	7.02	1.03	4.5	752.97	0.0	42.62
2.873	30.58	7.02	1.22	4.51	534.44	0.0	42.62
2.907	30.58	7.02	1.22	4.5	674.0	0.0	42.62
2.922	30.58	7.02	1.26	4.49	770.44	0.0	42.62
2.924	30.58	7.02	1.07	4.62	632.97	0.0	42.62
2.931	30.58	7.02	0.99	4.66	714.87	0.0	42.61
2.952	30.58	7.02	1.18	4.68	517.26	0.0	42.61
2.983	30.58	7.02	1.3	4.72	613.9	0.0	42.62
3.017	30.58	7.02	1.34	4.74	568.03	0.0	42.61
3.031	30.58	7.02	1.22	4.71	776.72	0.0	42.62
3.043	30.58	7.02	1.26	4.67	570.41	0.0	42.61
3.067	30.58	7.02	1.14	4.64	539.17	0.0	42.62
3.081	30.58	7.02	1.26	4.65	646.31	0.0	42.62
3.087	30.58	7.02	1.18	4.66	604.02	0.01	42.61
3.098	30.57	7.02	1.26	4.64	525.6	0.0	42.61
3.118	30.57	7.01	1.26	4.64	530.49	0.0	42.61
3.148	30.57	7.01	1.18	4.65	528.41	0.0	42.61
3.175	30.57	7.01	1.11	4.65	525.35	0.0	42.61
3.196	30.57	7.01	1.14	4.63	580.14	0.0	42.61
3.215	30.57	7.01	1.45	4.6	545.2	0.0	42.61
3.233	30.57	7.01	1.22	4.55	553.61	0.01	42.61
3.248	30.57	7.01	1.11	4.5	501.09	0.0	42.61
3.255	30.57	7.01	1.07	4.44	507.05	0.0	42.61
3.26	30.57	7.01	1.18	4.37	595.4	0.0	42.61
3.275	30.57	7.01	1.18	4.32	489.04	0.0	42.61
3.298	30.57	7.01	1.11	4.3	486.56	0.02	42.61
3.323	30.57	7.01	1.14	4.32	576.66	0.03	42.61
3.334	30.57	7.01	1.26	4.39	568.3	0.0	42.61
3.345	30.57	7.01	1.18	4.46	511.66	0.0	42.61
3.375	30.57	7.01	1.14	4.52	530.12	0.0	42.61
3.404	30.56	7.01	1.26	4.84	455.35	0.0	42.61
3.421	30.56	7.01	1.22	4.92	441.73	0.0	42.61

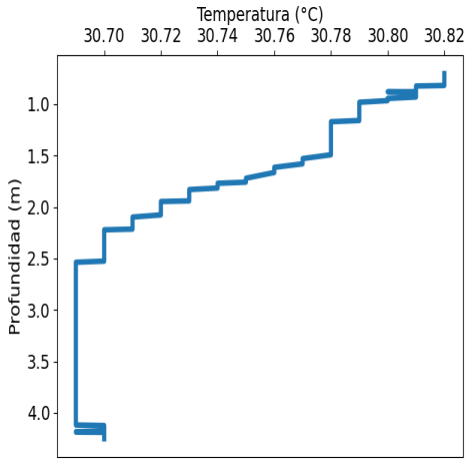
3.45	30.56	7.01	1.3	4.99	470.91	0.0	42.62
3.473	30.56	7.01	1.49	4.99	477.07	0.0	42.62
3.488	30.56	7.01	1.22	4.94	426.24	0.0	42.62
3.496	30.56	7.01	1.18	4.88	435.33	0.0	42.62
3.504	30.56	7.01	1.14	4.79	450.0	0.0	42.62
3.525	30.56	7.01	1.14	4.67	470.15	0.0	42.61
3.563	30.56	7.01	1.07	4.55	396.69	0.01	42.62
3.588	30.56	7.01	1.26	4.28	478.84	0.0	42.62
3.601	30.56	7.01	1.37	4.25	404.49	0.0	42.61
3.643	30.56	7.01	1.22	4.25	348.16	0.0	42.61
3.679	30.56	7.01	1.34	4.28	392.39	0.0	42.62
3.691	30.56	7.01	1.22	4.52	388.14	0.0	42.62
3.697	30.56	7.01	1.22	4.58	413.59	0.0	42.62
3.718	30.56	7.01	0.99	4.64	398.26	0.0	42.62
3.75	30.55	7.01	1.22	4.69	376.88	0.0	42.62
3.785	30.55	7.01	1.22	4.7	354.68	0.0	42.62
3.811	30.55	7.01	1.18	4.66	395.41	0.0	42.62
3.813	30.56	7.01	1.14	4.51	361.4	0.0	42.62
3.819	30.56	7.01	1.03	4.43	369.7	0.0	42.61
3.83	30.55	7.01	1.14	4.39	369.1	0.0	42.62
3.848	30.55	7.01	1.11	4.4	378.46	0.0	42.62
3.873	30.55	7.01	1.11	4.43	364.68	0.01	42.62
3.891	30.55	7.01	1.11	4.47	363.0	0.0	42.62
3.899	30.55	7.01	1.14	4.5	415.13	0.0	42.62
3.9	30.55	7.01	1.22	4.55	377.41	0.0	42.62
3.903	30.55	7.01	1.3	4.59	356.0	0.0	42.61
3.938	30.55	7.01	1.14	4.5	382.87	0.05	42.62
3.946	30.55	7.01	1.26	4.49	383.76	0.3	42.62
3.997	30.55	7.01	1.3	4.49	342.24	0.11	42.62
4.054	30.55	7.01	1.03	4.47	330.63	0.04	42.62
4.08	30.55	7.01	1.22	4.5	333.32	0.07	42.62
4.081	30.55	7.01	1.14	4.53	337.28	0.32	42.62
4.11	30.55	7.01	1.18	4.52	354.84	0.32	42.62
4.149	30.55	7.01	1.18	4.49	352.88	0.11	42.62
4.181	30.56	7.01	1.22	4.47	332.32	0.02	42.62
4.201	30.56	7.01	1.18	4.47	321.93	0.0	42.62
4.205	30.56	7.01	0.92	4.45	360.56	0.26	42.62
4.222	30.56	7.01	1.3	4.43	344.95	0.31	42.62
4.253	30.56	7.01	1.11	4.42	308.63	0.31	42.62
4.279	30.56	7.01	1.14	4.39	332.32	0.14	42.62
4.293	30.56	7.01	1.14	4.35	358.56	0.0	42.62
4.3	30.56	7.01	1.14	4.29	311.36	0.0	42.62
4.302	30.56	7.01	1.26	4.21	307.99	0.33	42.62
4.313	30.56	7.01	1.26	4.18	355.42	0.43	42.62
4.333	30.56	7.01	1.3	4.19	342.8	0.41	42.62
4.352	30.56	7.01	1.3	4.21	306.28	0.38	42.62
4.372	30.56	7.01	1.3	4.21	320.89	0.43	42.62
4.392	30.56	7.01	1.87	4.21	318.29	0.43	42.62
4.407	30.56	7.01	1.18	4.2	329.71	0.49	42.62
4.422	30.56	7.01	1.22	4.18	331.55	0.38	42.62
4.438	30.56	7.01	1.26	4.17	301.28	0.43	42.63
4.448	30.56	7.02	1.11	4.18	310.86	0.42	42.63
4.45	30.56	7.02	1.07	4.19	361.15	0.46	42.63
4.452	30.56	7.02	1.14	4.21	318.59	0.39	42.63
4.472	30.56	7.02	1.3	4.21	308.77	0.44	42.63
4.505	30.56	7.02	1.34	4.24	286.1	0.51	42.63
4.532	30.56	7.02	1.26	4.28	302.4	0.45	42.63
4.549	30.56	7.02	1.3	4.33	335.64	0.45	42.62

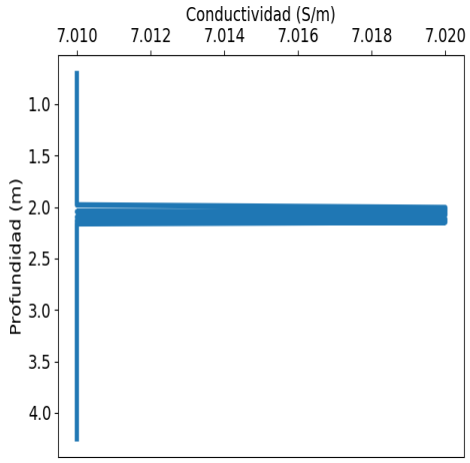
4.559	30.56	7.02	1.26	4.37	316.16	0.39	42.62
4.578	30.56	7.02	1.14	4.39	281.76	0.44	42.63
4.598	30.56	7.02	1.11	4.43	281.96	0.56	42.63
4.613	30.56	7.02	1.26	4.47	317.7	0.57	42.63
4.615	30.56	7.02	1.26	4.44	283.92	0.42	42.63
4.628	30.56	7.02	1.34	4.38	281.37	0.48	42.64
4.645	30.57	7.02	1.37	4.31	295.61	0.46	42.64
4.663	30.57	7.02	1.3	4.26	286.1	0.41	42.64
4.673	30.57	7.02	1.18	4.23	274.67	0.39	42.64
4.674	30.57	7.02	1.26	4.2	286.04	0.46	42.64
4.677	30.57	7.02	1.34	4.18	281.63	0.55	42.64
4.684	30.57	7.02	1.14	4.2	289.78	0.5	42.64
4.693	30.57	7.02	1.14	4.26	285.64	0.6	42.64
4.708	30.57	7.02	1.18	4.31	282.48	0.57	42.64
4.732	30.57	7.02	1.22	4.31	278.77	0.46	42.64
4.758	30.57	7.02	1.03	4.27	269.31	0.51	42.64
4.777	30.57	7.02	1.18	4.28	271.57	0.48	42.64
4.804	30.57	7.02	1.3	4.31	267.01	0.53	42.64
4.827	30.57	7.02	1.11	4.2	275.05	0.38	42.64
4.842	30.57	7.02	1.22	4.22	262.9	0.46	42.64
4.874	30.57	7.02	1.22	4.23	261.07	0.54	42.64
4.911	30.57	7.02	1.14	4.23	259.93	0.52	42.64
4.928	30.57	7.02	1.34	4.17	255.03	0.43	42.64
4.935	30.57	7.02	1.22	4.18	256.93	0.43	42.64
4.965	30.57	7.02	1.37	4.21	246.03	0.45	42.64
5.005	30.57	7.02	1.3	4.25	242.64	0.44	42.64
5.017	30.57	7.02	1.11	4.25	250.35	0.46	42.65
5.034	30.57	7.02	1.45	4.29	260.59	0.41	42.65
5.068	30.57	7.02	1.41	4.32	237.85	0.44	42.65
5.102	30.57	7.02	1.34	4.32	222.08	0.5	42.65
5.116	30.57	7.02	1.14	4.23	235.54	0.44	42.65
5.126	30.57	7.02	1.37	4.26	217.44	0.47	42.65
5.146	30.57	7.02	1.87	4.3	228.18	0.52	42.65
5.169	30.57	7.02	1.45	4.32	239.29	0.48	42.65
5.188	30.57	7.02	1.26	4.26	256.46	0.46	42.65
5.19	30.57	7.02	1.26	4.27	229.99	0.43	42.65
5.22	30.57	7.02	1.41	4.29	220.44	0.45	42.65
5.264	30.57	7.02	1.22	4.34	226.65	0.43	42.65
5.288	30.57	7.02	1.3	4.41	215.49	0.45	42.65
5.289	30.57	7.02	1.3	4.4	239.84	0.6	42.65
5.298	30.57	7.02	1.41	4.4	214.04	0.61	42.65
5.33	30.57	7.02	1.37	4.4	208.46	0.5	42.65
5.37	30.57	7.02	1.26	4.4	212.36	0.41	42.65
5.379	30.57	7.02	1.41	4.55	204.82	0.55	42.65
5.381	30.57	7.02	1.3	4.61	208.03	0.48	42.65
5.408	30.57	7.02	1.26	4.67	213.79	0.49	42.65
5.445	30.57	7.02	1.41	4.69	204.82	0.52	42.65
5.472	30.57	7.02	1.26	4.69	205.3	0.61	42.65
5.478	30.57	7.02	1.22	4.7	212.46	0.52	42.65
5.481	30.57	7.02	1.3	4.71	197.09	0.56	42.65
5.5	30.57	7.02	1.45	4.7	191.86	0.55	42.65
5.53	30.57	7.02	1.41	4.7	205.01	0.54	42.65
5.555	30.57	7.02	1.53	4.75	206.59	0.49	42.65
5.562	30.57	7.02	1.37	4.86	198.19	0.51	42.65
5.567	30.57	7.02	1.22	4.99	188.12	0.49	42.65
5.58	30.57	7.02	1.26	5.09	194.19	0.45	42.65
5.593	30.57	7.02	1.22	5.19	197.23	0.5	42.65
5.606	30.57	7.02	1.3	5.28	193.42	0.5	42.65

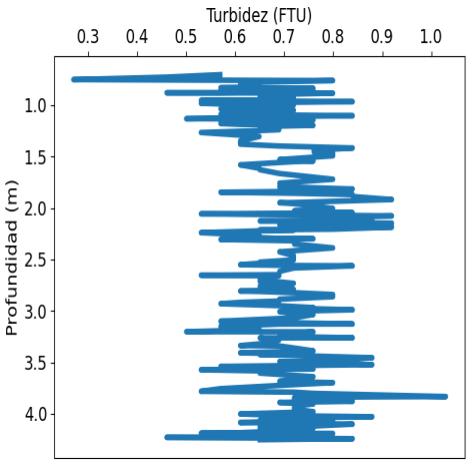
5.622	30.57	7.02	1.26	5.36	187.08	0.47	42.65
5.632	30.57	7.02	1.26	5.42	195.5	0.47	42.65
5.641	30.57	7.02	1.34	5.46	207.06	0.44	42.65
5.658	30.57	7.02	1.45	5.48	192.26	0.54	42.65
5.684	30.57	7.02	1.37	5.48	177.32	0.54	42.65
5.705	30.57	7.02	1.22	5.47	179.56	0.52	42.65
5.722	30.57	7.02	1.49	5.46	191.86	0.53	42.65
5.739	30.57	7.02	1.37	5.46	188.86	0.52	42.65
5.758	30.57	7.02	1.26	5.46	178.56	0.57	42.65
5.778	30.57	7.02	1.26	5.47	176.95	0.55	42.65
5.793	30.57	7.02	1.26	5.49	179.85	0.51	42.65
5.799	30.57	7.02	1.22	5.5	184.79	0.55	42.65
5.805	30.57	7.02	1.18	5.51	180.06	0.5	42.65
5.828	30.57	7.02	1.3	5.53	176.38	0.48	42.65
5.854	30.57	7.02	1.37	5.55	181.52	0.48	42.65
5.864	30.57	7.02	1.34	5.57	175.04	0.45	42.65
5.875	30.57	7.02	1.22	5.56	176.83	0.42	42.65
5.904	30.57	7.02	1.3	5.56	173.38	0.41	42.65
5.933	30.57	7.02	1.41	5.57	175.36	0.39	42.65
5.955	30.57	7.02	1.26	5.58	171.38	0.38	42.65
5.963	30.57	7.02	1.45	5.6	171.3	0.35	42.65
5.965	30.57	7.02	1.41	5.61	171.86	0.35	42.65
5.967	30.57	7.02	1.45	5.62	173.46	0.37	42.65
5.982	30.57	7.02	1.6	5.62	168.63	0.32	42.65
6.002	30.57	7.02	1.53	5.62	163.28	0.33	42.65
6.006	30.57	7.02	1.11	5.63	174.55	0.28	42.65
6.016	30.57	7.02	1.22	5.63	168.98	0.28	42.65
6.031	30.57	7.02	1.3	5.63	166.26	0.32	42.65
6.035	30.57	7.02	1.3	5.63	171.54	0.29	42.65
6.036	30.57	7.02	1.26	5.64	175.52	0.3	42.64
6.037	30.57	7.02	1.37	5.63	170.2	0.29	42.65
6.039	30.57	7.02	1.22	5.63	164.72	0.28	42.65
6.041	30.57	7.02	1.14	5.62	168.55	0.26	42.65
6.042	30.57	7.02	1.26	5.62	172.98	0.25	42.65
6.043	30.57	7.02	1.34	5.62	173.82	0.26	42.65

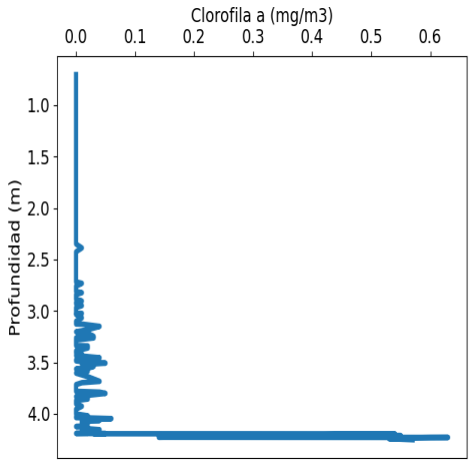
Nombre: CTD E11 - Punto 016 **Fecha: 01/08/2022** **Hora: 10:08:23**

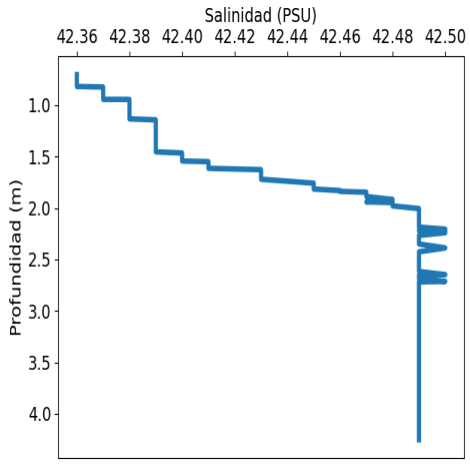


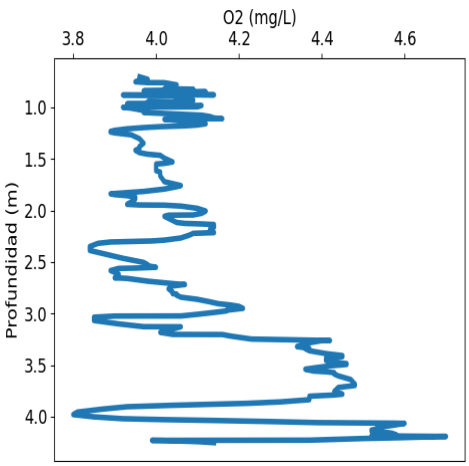


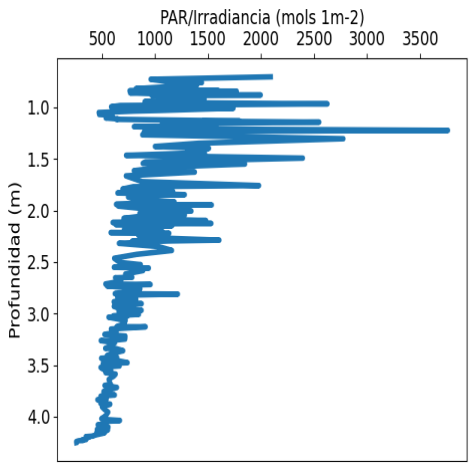












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.69	7.01	0.27	3.8	253.56	0.0	42.36
PROF (metros)	2.537	0.705	0.753	3.979	4.241	0.705	0.705
MÁXIMO	30.82	30.82	1.03	4.7	3765.7	0.63	42.5
PROF (metros)	0.705	2.006	3.832	4.191	1.224	4.229	2.206

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.81	7.01	0.64	4.03	1254.01	0.0	42.37
1 - 2m	30.77	7.01	0.7	4.0	1160.78	0.0	42.41
2 - 3m	30.7	7.01	0.71	4.04	866.15	0.0	42.49
3 - 4m	30.69	7.01	0.72	4.26	588.73	0.01	42.49
4 - 5m	30.69	7.01	0.67	4.42	431.27	0.15	42.49

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)
0.705	30.82	7.01	0.57	3.96	2092.6	0.0	42.36
0.729	30.82	7.01	0.46	3.98	956.21	0.0	42.36
0.753	30.82	7.01	0.27	3.95	1130.7	0.0	42.36
0.761	30.82	7.01	0.69	3.98	1443.5	0.0	42.36
0.762	30.82	7.01	0.8	4.02	1350.0	0.0	42.36
0.783	30.82	7.01	0.61	4.05	1398.4	0.0	42.36
0.82	30.82	7.01	0.65	4.02	816.4	0.0	42.36
0.825	30.81	7.01	0.65	4.09	1298.7	0.0	42.37
0.832	30.81	7.01	0.57	4.04	1154.0	0.0	42.37
0.838	30.81	7.01	0.76	3.99	1598.9	0.0	42.37
0.841	30.81	7.01	0.65	3.97	757.34	0.0	42.37
0.844	30.81	7.01	0.57	4.01	1771.0	0.0	42.37
0.85	30.81	7.01	0.72	4.12	988.9	0.0	42.37
0.861	30.81	7.01	0.72	4.05	762.98	0.0	42.37
0.868	30.81	7.01	0.76	4.03	986.61	0.0	42.37
0.877	30.81	7.01	0.61	4.09	1266.9	0.0	42.37
0.88	30.81	7.01	0.57	4.14	1372.1	0.0	42.37
0.881	30.8	7.01	0.46	3.92	1998.3	0.0	42.37
0.885	30.81	7.01	0.8	4.04	966.24	0.0	42.37
0.9	30.81	7.01	0.65	4.05	1219.4	0.0	42.37
0.918	30.81	7.01	0.65	4.06	1468.2	0.0	42.37
0.919	30.81	7.01	0.69	4.07	1066.5	0.0	42.37
0.932	30.81	7.01	0.72	4.09	1155.6	0.0	42.37
0.945	30.8	7.01	0.69	4.05	1376.5	0.0	42.37
0.946	30.8	7.01	0.65	3.98	899.25	0.0	42.38
0.951	30.8	7.01	0.69	4.03	1319.1	0.0	42.38
0.955	30.8	7.01	0.53	4.05	1125.4	0.0	42.38
0.967	30.8	7.01	0.84	3.93	2628.6	0.0	42.38
0.983	30.79	7.01	0.53	4.11	669.18	0.0	42.38
0.996	30.79	7.01	0.61	4.1	582.7	0.0	42.38
1.0	30.79	7.01	0.72	3.92	1058.1	0.0	42.38
1.009	30.79	7.01	0.65	3.94	1741.2	0.0	42.38
1.031	30.79	7.01	0.69	3.97	1042.1	0.0	42.38
1.037	30.79	7.01	0.57	3.98	801.96	0.0	42.38
1.051	30.79	7.01	0.72	3.97	466.46	0.0	42.38
1.07	30.79	7.01	0.65	4.07	470.91	0.0	42.38
1.077	30.79	7.01	0.69	4.11	598.86	0.0	42.38

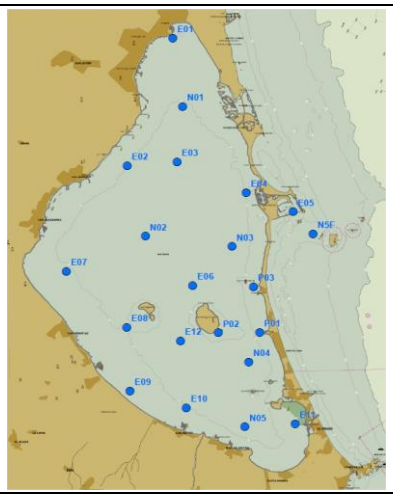
1.09	30.79	7.01	0.57	4.13	599.83	0.0	42.38
1.104	30.79	7.01	0.84	4.14	532.22	0.0	42.38
1.111	30.79	7.01	0.69	4.16	623.94	0.0	42.38
1.113	30.79	7.01	0.61	4.05	650.97	0.0	42.38
1.117	30.79	7.01	0.69	4.02	631.5	0.0	42.38
1.133	30.79	7.01	0.5	4.07	1799.1	0.0	42.38
1.135	30.79	7.01	0.69	4.08	1445.5	0.0	42.38
1.144	30.79	7.01	0.76	4.1	2550.6	0.0	42.39
1.16	30.79	7.01	0.57	4.12	1200.9	0.0	42.39
1.172	30.78	7.01	0.69	4.1	1057.4	0.0	42.39
1.18	30.78	7.01	0.57	4.07	1579.4	0.0	42.39
1.188	30.78	7.01	0.61	4.01	798.25	0.0	42.39
1.197	30.78	7.01	0.76	3.97	1138.3	0.0	42.39
1.209	30.78	7.01	0.65	3.93	1045.7	0.0	42.39
1.224	30.78	7.01	0.69	3.9	3765.7	0.0	42.39
1.234	30.78	7.01	0.69	3.89	1363.2	0.0	42.39
1.24	30.78	7.01	0.69	3.89	892.6	0.0	42.39
1.248	30.78	7.01	0.65	3.9	1787.0	0.0	42.39
1.267	30.78	7.01	0.53	3.94	877.43	0.0	42.39
1.305	30.78	7.01	0.65	3.96	2778.3	0.0	42.39
1.349	30.78	7.01	0.61	3.97	1412.1	0.0	42.39
1.38	30.78	7.01	0.61	3.96	996.72	0.0	42.39
1.398	30.78	7.01	0.69	3.96	1509.9	0.0	42.39
1.417	30.78	7.01	0.84	3.95	1305.4	0.0	42.39
1.44	30.78	7.01	0.76	3.96	1471.9	0.0	42.39
1.455	30.78	7.01	0.76	3.98	1027.7	0.0	42.39
1.466	30.78	7.01	0.8	4.01	724.21	0.0	42.4
1.493	30.78	7.01	0.8	4.02	2395.9	0.0	42.4
1.53	30.77	7.01	0.69	4.04	907.2	0.0	42.4
1.544	30.77	7.01	0.76	4.02	881.5	0.0	42.4
1.55	30.77	7.01	0.72	4.0	1850.3	0.0	42.41
1.581	30.77	7.01	0.61	4.0	1063.3	0.0	42.41
1.615	30.76	7.01	0.65	4.0	797.52	0.0	42.41
1.628	30.76	7.01	0.65	4.01	1376.5	0.0	42.43
1.665	30.76	7.01	0.69	4.01	722.7	0.0	42.43
1.721	30.75	7.01	0.8	4.02	878.24	0.0	42.43
1.759	30.75	7.01	0.69	4.06	1982.6	0.0	42.45
1.77	30.74	7.01	0.72	4.05	792.91	0.0	42.45
1.793	30.74	7.01	0.69	4.02	690.13	0.0	42.45
1.816	30.74	7.01	0.84	3.97	1171.2	0.0	42.45
1.831	30.73	7.01	0.76	3.92	643.32	0.0	42.46
1.839	30.73	7.01	0.72	3.89	1025.3	0.0	42.46
1.847	30.73	7.01	0.57	3.9	1281.4	0.0	42.47
1.857	30.73	7.01	0.72	3.93	793.28	0.0	42.47
1.87	30.73	7.01	0.84	3.95	743.08	0.0	42.47
1.889	30.73	7.01	0.84	3.95	802.71	0.0	42.47
1.918	30.73	7.01	0.92	3.94	1184.9	0.0	42.48
1.941	30.73	7.01	0.76	3.93	629.6	0.0	42.47
1.947	30.72	7.01	0.72	3.96	1536.4	0.0	42.48
1.949	30.72	7.01	0.69	4.02	1074.2	0.0	42.48
1.958	30.72	7.01	0.72	4.06	650.67	0.0	42.48
1.98	30.72	7.01	0.76	4.1	865.71	0.0	42.48
2.006	30.72	7.02	0.8	4.12	1344.1	0.0	42.49
2.028	30.72	7.02	0.72	4.11	850.99	0.0	42.49
2.044	30.72	7.02	0.8	4.09	1181.3	0.0	42.49
2.046	30.72	7.01	0.84	4.03	1282.0	0.0	42.49
2.057	30.72	7.02	0.53	4.02	857.92	0.0	42.49
2.077	30.72	7.02	0.92	4.03	700.76	0.0	42.49

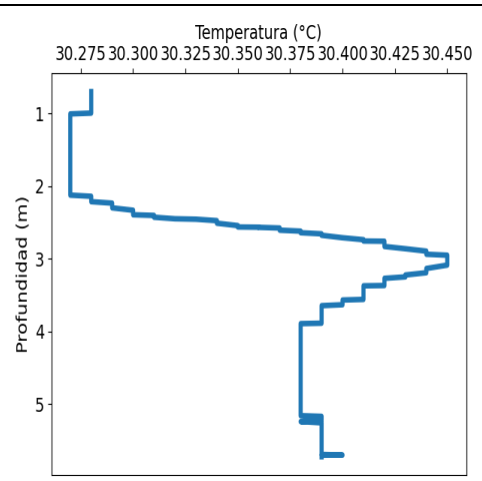
2.098	30.71	7.01	0.76	4.04	1482.2	0.0	42.49
2.117	30.71	7.02	0.88	4.05	597.47	0.0	42.49
2.126	30.71	7.02	0.65	4.07	1532.1	0.0	42.49
2.131	30.71	7.01	0.84	4.11	921.19	0.0	42.49
2.137	30.71	7.01	0.76	4.14	625.97	0.0	42.49
2.148	30.71	7.02	0.92	4.13	1161.5	0.0	42.49
2.163	30.71	7.01	0.69	4.14	744.98	0.0	42.49
2.186	30.71	7.01	0.92	4.13	704.35	0.0	42.49
2.206	30.71	7.01	0.8	4.13	1072.7	0.0	42.5
2.213	30.71	7.01	0.65	4.14	929.98	0.0	42.5
2.215	30.71	7.01	0.72	4.14	578.53	0.0	42.49
2.222	30.7	7.01	0.65	4.09	1134.6	0.0	42.49
2.24	30.7	7.01	0.53	4.08	839.04	0.0	42.5
2.267	30.7	7.01	0.65	4.06	1033.4	0.0	42.49
2.288	30.7	7.01	0.65	4.02	1607.8	0.0	42.49
2.296	30.7	7.01	0.69	3.99	1122.6	0.0	42.49
2.298	30.7	7.01	0.72	3.97	1076.9	0.0	42.49
2.299	30.7	7.01	0.76	3.95	779.97	0.0	42.49
2.302	30.7	7.01	0.69	3.94	992.11	0.0	42.49
2.306	30.7	7.01	0.57	3.89	940.39	0.0	42.49
2.319	30.7	7.01	0.72	3.86	656.88	0.0	42.49
2.35	30.7	7.01	0.72	3.84	1030.3	0.0	42.49
2.388	30.7	7.01	0.8	3.84	1160.4	0.01	42.5
2.426	30.7	7.01	0.69	3.88	825.16	0.0	42.49
2.464	30.7	7.01	0.72	3.92	611.91	0.0	42.49
2.504	30.7	7.01	0.72	3.97	665.46	0.0	42.49
2.526	30.7	7.01	0.65	3.98	866.31	0.0	42.49
2.537	30.69	7.01	0.65	3.98	801.41	0.0	42.49
2.551	30.69	7.01	0.61	4.0	609.22	0.0	42.49
2.559	30.69	7.01	0.72	3.95	942.35	0.0	42.49
2.562	30.69	7.01	0.84	3.91	899.04	0.0	42.49
2.583	30.69	7.01	0.72	3.89	887.45	0.0	42.49
2.617	30.69	7.01	0.69	3.91	716.36	0.0	42.49
2.648	30.69	7.01	0.69	3.91	785.95	0.0	42.5
2.653	30.69	7.01	0.53	3.9	620.62	0.0	42.49
2.659	30.69	7.01	0.69	3.93	686.93	0.0	42.49
2.686	30.69	7.01	0.65	3.98	678.23	0.0	42.49
2.713	30.69	7.01	0.65	4.05	529.14	0.0	42.5
2.718	30.69	7.01	0.69	4.07	958.65	0.0	42.49
2.732	30.69	7.01	0.72	4.04	544.57	0.01	42.49
2.76	30.69	7.01	0.65	4.03	861.51	0.0	42.49
2.791	30.69	7.01	0.72	4.04	770.62	0.0	42.49
2.807	30.69	7.01	0.61	4.04	617.89	0.0	42.49
2.811	30.69	7.01	0.65	4.05	1216.3	0.0	42.49
2.823	30.69	7.01	0.72	4.05	662.23	0.01	42.49
2.841	30.69	7.01	0.8	4.06	641.53	0.0	42.49
2.862	30.69	7.01	0.8	4.1	823.05	0.0	42.49
2.886	30.69	7.01	0.69	4.13	607.53	0.0	42.49
2.904	30.69	7.01	0.69	4.15	874.58	0.01	42.49
2.917	30.69	7.01	0.61	4.18	706.8	0.0	42.49
2.93	30.69	7.01	0.57	4.2	608.37	0.0	42.49
2.949	30.69	7.01	0.69	4.21	661.47	0.01	42.49
2.968	30.69	7.01	0.76	4.17	873.98	0.0	42.49
2.974	30.69	7.01	0.72	4.17	652.78	0.0	42.49
2.989	30.69	7.01	0.84	4.14	685.5	0.0	42.49
3.007	30.69	7.01	0.69	4.1	848.82	0.0	42.49
3.023	30.69	7.01	0.72	4.06	602.62	0.0	42.49
3.024	30.69	7.01	0.72	3.9	741.19	0.01	42.49

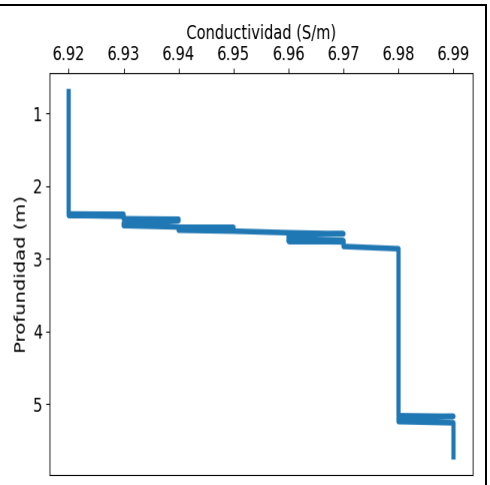
3.035	30.69	7.01	0.76	3.85	558.63	0.0	42.49
3.067	30.69	7.01	0.72	3.85	723.37	0.01	42.49
3.1	30.69	7.01	0.57	3.91	708.44	0.0	42.49
3.127	30.69	7.01	0.84	3.97	635.47	0.0	42.49
3.128	30.69	7.01	0.69	4.06	912.27	0.01	42.49
3.15	30.69	7.01	0.57	4.04	581.22	0.04	42.49
3.182	30.69	7.01	0.65	4.01	638.27	0.02	42.49
3.202	30.69	7.01	0.5	4.04	519.54	0.0	42.49
3.203	30.69	7.01	0.76	4.16	526.09	0.0	42.49
3.218	30.69	7.01	0.72	4.18	721.03	0.02	42.49
3.247	30.69	7.01	0.69	4.23	719.03	0.03	42.49
3.261	30.69	7.01	0.84	4.42	586.22	0.0	42.49
3.262	30.69	7.01	0.65	4.4	485.54	0.03	42.49
3.283	30.69	7.01	0.69	4.37	622.35	0.0	42.49
3.32	30.69	7.01	0.65	4.34	567.64	0.0	42.49
3.337	30.69	7.01	0.61	4.37	527.06	0.0	42.49
3.34	30.69	7.01	0.69	4.36	633.12	0.02	42.49
3.36	30.69	7.01	0.72	4.37	700.28	0.02	42.49
3.388	30.69	7.01	0.76	4.41	587.45	0.0	42.49
3.407	30.69	7.01	0.61	4.45	543.94	0.0	42.49
3.418	30.69	7.01	0.72	4.45	564.75	0.01	42.49
3.424	30.69	7.01	0.65	4.43	642.28	0.01	42.49
3.433	30.69	7.01	0.72	4.41	488.82	0.0	42.49
3.455	30.69	7.01	0.88	4.41	640.64	0.04	42.49
3.476	30.69	7.01	0.8	4.44	741.36	0.0	42.49
3.485	30.69	7.01	0.84	4.46	504.47	0.0	42.49
3.493	30.69	7.01	0.69	4.46	559.41	0.01	42.49
3.507	30.69	7.01	0.8	4.42	666.7	0.05	42.49
3.522	30.69	7.01	0.88	4.39	483.52	0.01	42.49
3.539	30.69	7.01	0.57	4.36	508.7	0.03	42.49
3.557	30.69	7.01	0.72	4.38	588.13	0.02	42.49
3.564	30.69	7.01	0.76	4.41	556.44	0.0	42.49
3.572	30.69	7.01	0.53	4.43	530.0	0.01	42.49
3.586	30.69	7.01	0.69	4.43	629.46	0.02	42.49
3.604	30.69	7.01	0.65	4.44	614.18	0.0	42.49
3.639	30.69	7.01	0.76	4.47	559.67	0.02	42.49
3.684	30.69	7.01	0.69	4.48	583.38	0.04	42.49
3.697	30.69	7.01	0.8	4.48	520.63	0.01	42.49
3.716	30.69	7.01	0.72	4.44	641.68	0.0	42.49
3.755	30.69	7.01	0.57	4.43	511.66	0.0	42.49
3.781	30.69	7.01	0.53	4.45	512.49	0.0	42.49
3.789	30.69	7.01	0.72	4.43	620.91	0.04	42.49
3.801	30.69	7.01	0.76	4.37	483.19	0.05	42.49
3.832	30.69	7.01	1.03	4.37	543.06	0.0	42.49
3.835	30.69	7.01	0.88	4.37	453.77	0.02	42.49
3.841	30.69	7.01	0.72	4.35	473.1	0.02	42.49
3.856	30.69	7.01	0.72	4.3	526.33	0.02	42.49
3.87	30.69	7.01	0.8	4.22	482.29	0.0	42.49
3.878	30.69	7.01	0.84	4.14	578.26	0.0	42.49
3.889	30.69	7.01	0.69	4.04	543.18	0.0	42.49
3.903	30.69	7.01	0.76	3.93	496.24	0.0	42.49
3.926	30.69	7.01	0.72	3.87	517.38	0.01	42.49
3.955	30.69	7.01	0.72	3.81	559.15	0.0	42.49
3.979	30.69	7.01	0.76	3.8	542.81	0.0	42.49
4.001	30.69	7.01	0.61	3.85	516.78	0.0	42.49
4.019	30.69	7.01	0.72	3.92	490.41	0.02	42.49
4.028	30.69	7.01	0.88	4.02	547.86	0.0	42.49
4.036	30.69	7.01	0.76	4.14	669.8	0.0	42.49

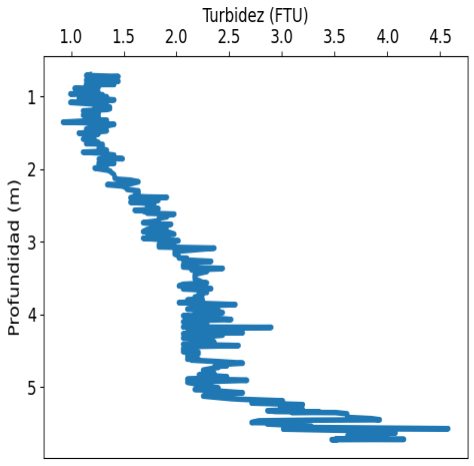
4.046	30.69	7.01	0.8	4.27	529.63	0.06	42.49
4.057	30.69	7.01	0.8	4.39	521.47	0.01	42.49
4.062	30.69	7.01	0.65	4.57	510.83	0.01	42.49
4.064	30.69	7.01	0.8	4.6	524.02	0.04	42.49
4.071	30.69	7.01	0.76	4.59	524.02	0.01	42.49
4.078	30.69	7.01	0.65	4.58	457.04	0.02	42.49
4.084	30.69	7.01	0.61	4.57	513.91	0.01	42.49
4.1	30.69	7.01	0.84	4.54	560.84	0.02	42.49
4.118	30.69	7.01	0.76	4.53	471.24	0.01	42.49
4.123	30.7	7.01	0.72	4.53	448.96	0.0	42.49
4.128	30.7	7.01	0.65	4.52	556.82	0.02	42.49
4.14	30.7	7.01	0.76	4.52	526.33	0.01	42.49
4.15	30.7	7.01	0.65	4.55	445.54	0.03	42.49
4.154	30.7	7.01	0.65	4.56	526.82	0.04	42.49
4.16	30.7	7.01	0.65	4.57	509.88	0.01	42.49
4.175	30.7	7.01	0.65	4.58	445.64	0.01	42.49
4.183	30.69	7.01	0.61	4.52	419.19	0.01	42.49
4.187	30.69	7.01	0.57	4.58	415.9	0.02	42.49
4.188	30.7	7.01	0.53	4.61	403.09	0.02	42.49
4.189	30.7	7.01	0.65	4.64	395.04	0.01	42.49
4.19	30.7	7.01	0.69	4.67	371.51	0.0	42.49
4.191	30.7	7.01	0.8	4.7	352.3	0.05	42.49
4.192	30.7	7.01	0.69	4.68	347.28	0.03	42.49
4.193	30.7	7.01	0.69	4.67	343.51	0.05	42.49
4.194	30.7	7.01	0.57	4.67	384.65	0.54	42.49
4.203	30.7	7.01	0.57	4.59	359.73	0.41	42.49
4.211	30.7	7.01	0.57	4.5	346.71	0.55	42.49
4.221	30.7	7.01	0.53	4.42	351.08	0.19	42.49
4.227	30.7	7.01	0.72	4.37	305.71	0.14	42.49
4.228	30.7	7.01	0.46	4.03	324.48	0.58	42.49
4.229	30.7	7.01	0.5	3.99	315.43	0.63	42.49
4.23	30.7	7.01	0.5	4.01	301.14	0.6	42.49
4.233	30.7	7.01	0.65	4.04	276.59	0.57	42.49
4.241	30.7	7.01	0.84	4.1	253.56	0.53	42.49
4.251	30.7	7.01	0.65	4.14	254.97	0.57	42.49

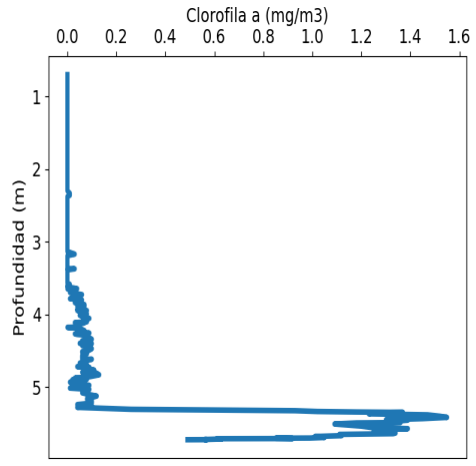
Nombre: CTD N05 - Punto 017 **Fecha: 01/08/2022** **Hora: 10:08:22**

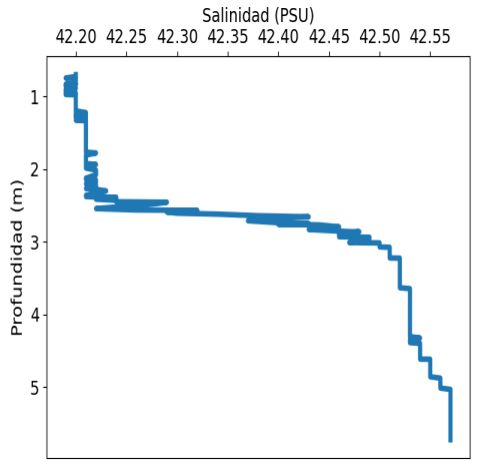


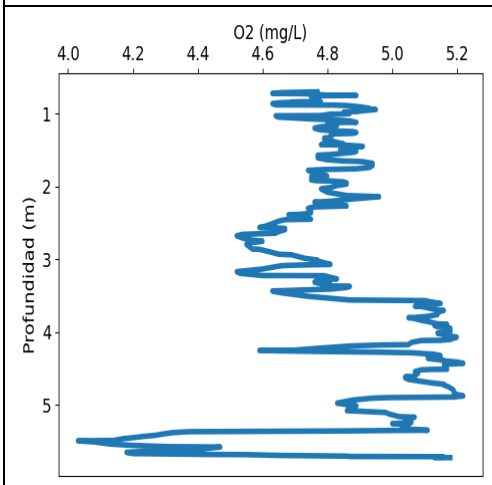


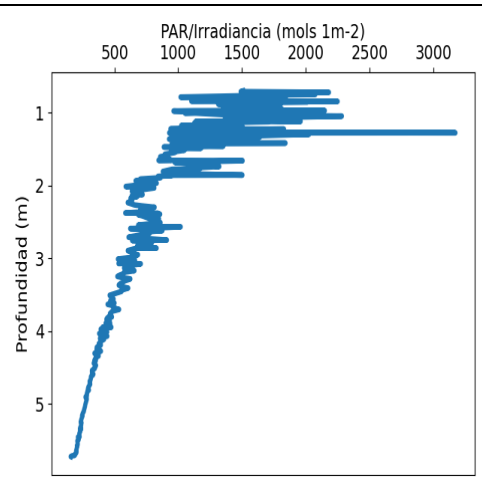












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.27	6.92	0.92	4.03	157.44	0.0	42.19
PROF (metros)	1.007	0.702	1.355	5.491	5.721	0.702	0.748
MÁXIMO	30.45	30.45	4.58	5.22	3173.7	1.55	42.57
PROF (metros)	2.951	5.167	5.57	4.427	1.278	5.415	5.03

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.28	6.92	1.22	4.79	1603.12	0.0	42.2
1 - 2m	30.27	6.92	1.25	4.82	1199.49	0.0	42.21
2 - 3m	30.35	6.94	1.69	4.69	728.69	0.0	42.31
3 - 4m	30.41	6.98	2.17	4.95	513.84	0.02	42.52
4 - 5m	30.38	6.98	2.28	5.08	345.76	0.07	42.54
5 - 6m	30.39	6.99	3.32	4.71	216.37	0.84	42.57

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	30.28	6.92	1.18	4.77	1509.6	0.0	42.2
0.713	30.28	6.92	1.14	4.66	1489.8	0.0	42.2
0.723	30.28	6.92	1.34	4.63	2182.2	0.0	42.2
0.728	30.28	6.92	1.45	4.73	1527.9	0.0	42.2
0.748	30.28	6.92	1.18	4.8	1820.9	0.0	42.19
0.752	30.28	6.92	1.3	4.89	2075.7	0.0	42.2
0.756	30.28	6.92	1.18	4.77	1880.5	0.0	42.2
0.776	30.28	6.92	1.14	4.75	1341.9	0.0	42.2
0.788	30.28	6.92	1.14	4.76	1018.2	0.0	42.2
0.793	30.28	6.92	1.45	4.77	1752.6	0.0	42.2
0.803	30.28	6.92	1.22	4.76	1166.6	0.0	42.2
0.822	30.28	6.92	1.18	4.77	1847.7	0.0	42.2
0.834	30.28	6.92	1.14	4.78	1676.7	0.0	42.19
0.837	30.28	6.92	1.41	4.75	1420.0	0.0	42.19
0.838	30.28	6.92	1.3	4.71	1536.4	0.0	42.2
0.842	30.28	6.92	1.26	4.69	1101.9	0.0	42.2
0.847	30.28	6.92	1.14	4.68	2250.5	0.0	42.19
0.848	30.28	6.92	1.18	4.68	1511.0	0.0	42.19
0.853	30.28	6.92	1.26	4.65	2015.5	0.0	42.19
0.864	30.28	6.92	1.22	4.63	1648.2	0.0	42.19
0.881	30.28	6.92	1.26	4.64	1806.2	0.0	42.2
0.884	30.28	6.92	1.22	4.82	1312.7	0.0	42.2
0.89	30.28	6.92	1.03	4.86	1662.0	0.0	42.2
0.908	30.28	6.92	1.18	4.9	1652.4	0.0	42.19
0.928	30.28	6.92	1.14	4.93	1718.8	0.0	42.19
0.944	30.28	6.92	1.18	4.93	1350.3	0.0	42.19
0.945	30.28	6.92	1.26	4.95	1625.0	0.0	42.19
0.953	30.28	6.92	1.14	4.93	1815.0	0.0	42.2
0.967	30.28	6.92	0.99	4.9	1761.9	0.0	42.19
0.974	30.28	6.92	1.22	4.89	2150.1	0.0	42.19
0.975	30.28	6.92	1.22	4.87	1125.4	0.0	42.19
0.979	30.28	6.92	1.3	4.85	962.89	0.0	42.2
0.997	30.28	6.92	1.11	4.87	1186.5	0.0	42.2
1.007	30.27	6.92	1.34	4.85	1052.0	0.0	42.2
1.008	30.27	6.92	1.11	4.81	1141.7	0.0	42.2
1.028	30.27	6.92	1.07	4.78	1341.6	0.0	42.2

1.031	30.27	6.92	1.26	4.64	1466.5	0.0	42.2
1.049	30.27	6.92	1.41	4.65	2283.6	0.0	42.2
1.076	30.27	6.92	1.22	4.76	1581.9	0.0	42.2
1.084	30.27	6.92	0.99	4.81	1440.2	0.0	42.2
1.102	30.27	6.92	1.18	4.87	1360.1	0.0	42.2
1.121	30.27	6.92	1.3	4.89	1960.6	0.0	42.2
1.123	30.27	6.92	1.34	4.8	1135.9	0.0	42.2
1.126	30.27	6.92	1.3	4.8	1711.2	0.0	42.2
1.148	30.27	6.92	1.37	4.8	1124.1	0.0	42.2
1.167	30.27	6.92	1.22	4.83	1227.3	0.0	42.2
1.17	30.27	6.92	1.37	4.82	1462.7	0.0	42.2
1.179	30.27	6.92	1.26	4.79	1023.2	0.0	42.2
1.181	30.27	6.92	1.34	4.78	1160.1	0.0	42.2
1.2	30.27	6.92	1.11	4.76	1507.5	0.0	42.2
1.225	30.27	6.92	1.18	4.78	938.86	0.0	42.21
1.227	30.27	6.92	1.26	4.79	1829.8	0.0	42.21
1.24	30.27	6.92	1.22	4.83	1259.0	0.0	42.2
1.244	30.27	6.92	1.22	4.86	1309.6	0.0	42.2
1.247	30.27	6.92	1.26	4.88	1819.6	0.0	42.21
1.26	30.27	6.92	1.11	4.89	1269.3	0.0	42.2
1.272	30.27	6.92	1.22	4.88	1036.8	0.0	42.2
1.278	30.27	6.92	1.26	4.82	3173.7	0.0	42.21
1.279	30.27	6.92	1.26	4.82	928.69	0.0	42.2
1.285	30.27	6.92	1.22	4.82	940.39	0.0	42.2
1.298	30.27	6.92	1.26	4.81	2026.2	0.0	42.21
1.318	30.27	6.92	1.18	4.81	1637.5	0.0	42.21
1.328	30.27	6.92	1.34	4.81	1088.7	0.0	42.2
1.336	30.27	6.92	1.18	4.79	1641.7	0.0	42.21
1.355	30.27	6.92	0.92	4.79	1447.2	0.0	42.21
1.364	30.27	6.92	1.18	4.81	927.62	0.0	42.21
1.385	30.27	6.92	1.41	4.82	1613.4	0.0	42.21
1.416	30.27	6.92	1.3	4.85	1159.9	0.0	42.21
1.419	30.27	6.92	1.34	4.82	1842.1	0.0	42.21
1.427	30.27	6.92	1.3	4.78	1043.0	0.0	42.21
1.432	30.27	6.92	1.18	4.85	948.27	0.0	42.21
1.45	30.27	6.92	1.14	4.91	1102.5	0.0	42.21
1.461	30.27	6.92	1.14	4.89	1354.4	0.0	42.21
1.473	30.27	6.92	1.34	4.87	886.42	0.0	42.21
1.489	30.27	6.92	1.26	4.84	1180.5	0.0	42.21
1.497	30.27	6.92	1.22	4.84	941.7	0.0	42.21
1.506	30.27	6.92	1.07	4.88	1035.8	0.0	42.21
1.518	30.27	6.92	1.26	4.89	1049.1	0.0	42.21
1.532	30.27	6.92	1.22	4.88	989.58	0.0	42.21
1.549	30.27	6.92	1.18	4.84	972.3	0.0	42.21
1.562	30.27	6.92	1.22	4.81	927.83	0.0	42.21
1.572	30.27	6.92	1.14	4.77	895.09	0.0	42.21
1.587	30.27	6.92	1.11	4.77	920.34	0.0	42.21
1.608	30.27	6.92	1.22	4.77	857.92	0.0	42.21
1.634	30.27	6.92	1.26	4.8	883.34	0.0	42.21
1.651	30.27	6.92	1.14	4.85	944.54	0.0	42.21
1.655	30.27	6.92	1.26	4.89	845.29	0.0	42.21
1.661	30.27	6.92	1.3	4.91	1506.1	0.0	42.21
1.683	30.27	6.92	1.3	4.94	972.3	0.0	42.21
1.714	30.27	6.92	1.26	4.94	1177.2	0.0	42.21
1.74	30.27	6.92	1.34	4.93	1323.1	0.0	42.21
1.758	30.27	6.92	1.26	4.89	1122.3	0.0	42.21
1.768	30.27	6.92	1.11	4.79	1173.6	0.0	42.21
1.779	30.27	6.92	1.26	4.74	952.01	0.0	42.22

1.809	30.27	6.92	1.41	4.76	879.05	0.0	42.21
1.842	30.27	6.92	1.34	4.79	1097.4	0.0	42.21
1.858	30.27	6.92	1.49	4.8	1504.3	0.0	42.21
1.86	30.27	6.92	1.34	4.78	898.83	0.0	42.21
1.863	30.27	6.92	1.26	4.75	950.69	0.0	42.21
1.876	30.27	6.92	1.37	4.76	841.18	0.0	42.21
1.894	30.27	6.92	1.34	4.75	862.7	0.0	42.21
1.912	30.27	6.92	1.26	4.75	703.86	0.0	42.21
1.922	30.27	6.92	1.41	4.77	704.84	0.0	42.21
1.925	30.27	6.92	1.37	4.81	701.9	0.0	42.21
1.937	30.27	6.92	1.26	4.85	665.46	0.0	42.22
1.953	30.27	6.92	1.34	4.86	723.04	0.0	42.21
1.968	30.27	6.92	1.3	4.86	832.26	0.0	42.21
1.987	30.27	6.92	1.22	4.83	721.53	0.0	42.21
2.015	30.27	6.92	1.34	4.81	588.27	0.0	42.22
2.026	30.27	6.92	1.37	4.79	718.86	0.0	42.22
2.034	30.27	6.92	1.37	4.78	813.57	0.0	42.22
2.079	30.27	6.92	1.41	4.8	636.2	0.0	42.22
2.125	30.27	6.92	1.41	4.86	722.53	0.0	42.21
2.141	30.28	6.92	1.45	4.96	635.91	0.0	42.21
2.152	30.28	6.92	1.56	4.93	680.28	0.0	42.22
2.175	30.28	6.92	1.64	4.87	625.68	0.0	42.22
2.204	30.28	6.92	1.56	4.81	628.44	0.0	42.21
2.215	30.28	6.92	1.34	4.76	639.01	0.0	42.22
2.235	30.29	6.92	1.49	4.8	603.88	0.0	42.22
2.268	30.29	6.92	1.53	4.86	658.41	0.0	42.21
2.281	30.29	6.92	1.53	4.76	716.03	0.0	42.22
2.3	30.29	6.92	1.64	4.74	816.22	0.0	42.23
2.333	30.3	6.92	1.64	4.75	702.55	0.01	42.22
2.361	30.3	6.92	1.6	4.75	743.95	0.01	42.21
2.378	30.3	6.92	1.64	4.73	584.87	0.0	42.21
2.384	30.3	6.92	1.72	4.71	844.7	0.0	42.22
2.388	30.3	6.93	1.91	4.68	703.69	0.0	42.24
2.395	30.3	6.93	1.56	4.69	859.11	0.0	42.24
2.404	30.31	6.92	1.76	4.72	688.05	0.0	42.22
2.415	30.31	6.93	1.6	4.73	714.87	0.0	42.22
2.429	30.31	6.93	1.83	4.73	736.57	0.0	42.24
2.45	30.32	6.93	1.76	4.75	767.95	0.0	42.24
2.456	30.33	6.94	1.56	4.67	850.2	0.0	42.29
2.476	30.34	6.94	1.79	4.65	786.14	0.0	42.28
2.511	30.34	6.93	1.72	4.63	862.51	0.0	42.25
2.544	30.35	6.93	1.83	4.61	686.46	0.0	42.22
2.563	30.35	6.94	1.68	4.59	786.14	0.0	42.26
2.566	30.36	6.94	1.6	4.6	785.23	0.0	42.3
2.568	30.36	6.95	1.76	4.64	1020.1	0.0	42.32
2.577	30.37	6.94	1.68	4.67	910.15	0.0	42.3
2.592	30.37	6.94	1.72	4.67	623.36	0.0	42.29
2.607	30.37	6.94	1.72	4.66	746.36	0.0	42.3
2.62	30.38	6.95	1.98	4.65	876.82	0.0	42.34
2.642	30.38	6.96	1.87	4.64	726.56	0.0	42.38
2.657	30.39	6.97	1.91	4.54	777.62	0.0	42.43
2.677	30.39	6.96	1.83	4.52	705.33	0.0	42.4
2.711	30.4	6.96	1.83	4.54	610.63	0.0	42.37
2.738	30.41	6.96	1.68	4.57	819.25	0.0	42.4
2.75	30.41	6.97	1.76	4.6	912.05	0.0	42.43
2.756	30.41	6.97	1.83	4.6	639.01	0.0	42.42
2.759	30.42	6.96	1.95	4.59	670.73	0.0	42.4
2.768	30.42	6.97	1.76	4.57	798.81	0.0	42.44

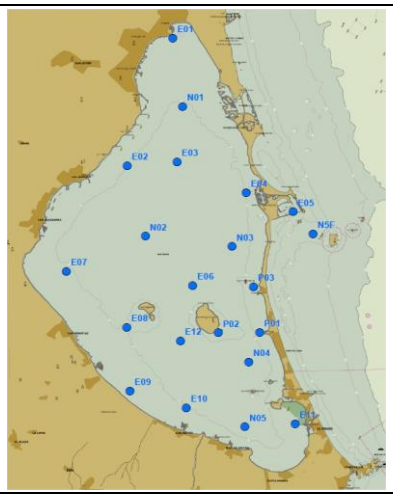
2.795	30.42	6.97	1.91	4.55	792.17	0.0	42.46
2.831	30.42	6.97	1.72	4.56	677.76	0.0	42.43
2.861	30.43	6.98	1.68	4.57	831.11	0.0	42.47
2.862	30.43	6.98	1.91	4.59	671.04	0.0	42.48
2.895	30.44	6.98	1.98	4.62	604.44	0.0	42.46
2.931	30.44	6.98	1.72	4.65	659.78	0.0	42.46
2.938	30.44	6.98	1.83	4.69	635.91	0.0	42.49
2.951	30.45	6.98	1.68	4.7	685.5	0.0	42.49
2.986	30.45	6.98	2.02	4.73	639.6	0.0	42.48
3.011	30.45	6.98	1.91	4.77	527.18	0.0	42.47
3.016	30.45	6.98	1.98	4.76	660.55	0.0	42.5
3.035	30.45	6.98	1.83	4.78	662.23	0.0	42.5
3.071	30.45	6.98	1.83	4.81	531.72	0.0	42.5
3.076	30.45	6.98	1.98	4.74	707.78	0.0	42.51
3.087	30.45	6.98	2.36	4.66	664.69	0.0	42.51
3.134	30.44	6.98	1.98	4.6	575.19	0.0	42.51
3.17	30.44	6.98	1.98	4.52	657.95	0.03	42.51
3.192	30.44	6.98	2.02	4.53	575.72	0.0	42.51
3.223	30.43	6.98	2.02	4.6	564.62	0.0	42.51
3.225	30.43	6.98	2.1	4.79	549.39	0.0	42.52
3.249	30.43	6.98	2.06	4.81	522.92	0.0	42.52
3.269	30.42	6.98	2.33	4.83	572.66	0.0	42.52
3.283	30.42	6.98	2.17	4.77	625.68	0.0	42.52
3.314	30.42	6.98	2.06	4.76	576.12	0.0	42.52
3.337	30.42	6.98	2.06	4.78	563.05	0.0	42.52
3.347	30.42	6.98	2.06	4.81	546.09	0.0	42.52
3.355	30.42	6.98	2.14	4.79	543.94	0.0	42.52
3.366	30.42	6.98	2.44	4.8	563.31	0.0	42.52
3.368	30.42	6.98	2.17	4.86	533.58	0.0	42.52
3.372	30.41	6.98	2.4	4.87	552.71	0.03	42.52
3.387	30.41	6.98	2.14	4.86	547.74	0.0	42.52
3.409	30.41	6.98	2.29	4.81	609.22	0.0	42.52
3.435	30.41	6.98	2.21	4.63	559.93	0.0	42.52
3.455	30.41	6.98	2.17	4.65	555.53	0.0	42.52
3.508	30.41	6.98	2.17	4.74	462.26	0.0	42.52
3.559	30.41	6.98	2.25	4.87	494.4	0.0	42.52
3.567	30.4	6.98	2.29	5.1	492.34	0.0	42.52
3.585	30.4	6.98	2.06	5.12	466.78	0.01	42.52
3.607	30.4	6.98	2.02	5.15	471.02	0.0	42.52
3.614	30.4	6.98	2.1	5.14	501.56	0.01	42.52
3.616	30.4	6.98	2.21	5.13	497.85	0.0	42.52
3.632	30.4	6.98	2.17	5.12	446.57	0.02	42.52
3.645	30.39	6.98	2.33	5.07	477.84	0.04	42.53
3.648	30.39	6.98	2.06	5.09	490.98	0.0	42.53
3.666	30.39	6.98	2.29	5.11	488.37	0.03	42.53
3.697	30.39	6.98	2.29	5.14	521.35	0.01	42.53
3.702	30.39	6.98	2.21	5.16	537.92	0.02	42.53
3.727	30.39	6.98	2.25	5.14	483.19	0.06	42.53
3.76	30.39	6.98	2.17	5.14	464.52	0.04	42.53
3.783	30.39	6.98	2.17	5.11	474.31	0.01	42.53
3.795	30.39	6.98	2.25	5.08	467.33	0.05	42.53
3.801	30.39	6.98	2.1	5.06	460.23	0.06	42.53
3.802	30.39	6.98	2.17	5.05	457.04	0.04	42.53
3.804	30.39	6.98	2.14	5.06	481.51	0.05	42.53
3.815	30.39	6.98	2.25	5.07	446.05	0.04	42.53
3.837	30.39	6.98	2.02	5.09	436.85	0.03	42.53
3.864	30.39	6.98	2.56	5.12	464.84	0.07	42.53
3.886	30.39	6.98	2.17	5.14	445.74	0.04	42.53

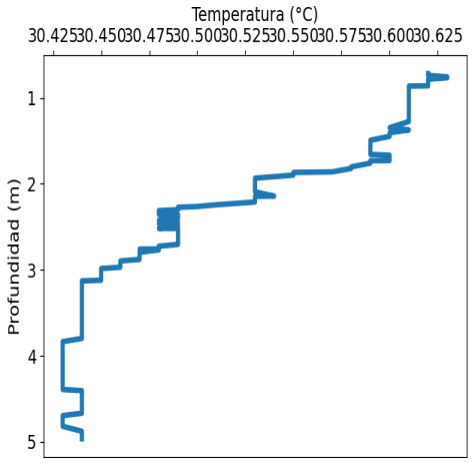
3.892	30.38	6.98	2.25	5.17	430.51	0.07	42.53
3.894	30.38	6.98	2.14	5.15	468.19	0.05	42.53
3.908	30.38	6.98	2.29	5.13	437.76	0.05	42.53
3.926	30.38	6.98	2.1	5.14	434.62	0.04	42.53
3.938	30.38	6.98	2.21	5.17	465.06	0.06	42.53
3.945	30.38	6.98	2.25	5.18	407.6	0.04	42.53
3.946	30.38	6.98	2.4	5.18	476.84	0.08	42.53
3.954	30.38	6.98	2.36	5.18	418.8	0.07	42.53
3.974	30.38	6.98	2.44	5.18	391.67	0.07	42.53
3.993	30.38	6.98	2.17	5.18	404.96	0.08	42.53
4.01	30.38	6.98	2.33	5.15	442.14	0.06	42.53
4.011	30.38	6.98	2.36	5.14	444.51	0.05	42.53
4.017	30.38	6.98	2.06	5.14	411.97	0.07	42.53
4.033	30.38	6.98	2.17	5.16	380.04	0.06	42.53
4.054	30.38	6.98	2.4	5.18	433.01	0.09	42.53
4.069	30.38	6.98	2.52	5.2	445.23	0.07	42.53
4.082	30.38	6.98	2.17	5.19	401.04	0.07	42.53
4.1	30.38	6.98	2.06	5.18	386.08	0.08	42.53
4.112	30.38	6.98	2.29	5.15	419.97	0.03	42.53
4.115	30.38	6.98	2.17	5.09	414.55	0.07	42.53
4.141	30.38	6.98	2.29	5.06	393.94	0.04	42.53
4.172	30.38	6.98	2.06	5.05	376.88	0.04	42.53
4.177	30.38	6.98	2.9	4.96	392.3	0.0	42.53
4.19	30.38	6.98	2.1	4.87	394.95	0.05	42.53
4.222	30.38	6.98	2.36	4.77	360.9	0.07	42.53
4.25	30.38	6.98	2.25	4.69	379.51	0.06	42.53
4.251	30.38	6.98	2.63	4.59	383.76	0.07	42.53
4.256	30.38	6.98	2.17	4.65	360.48	0.09	42.53
4.266	30.38	6.98	2.06	4.79	366.89	0.03	42.53
4.274	30.38	6.98	2.17	4.95	395.68	0.04	42.53
4.283	30.38	6.98	2.44	5.06	375.4	0.07	42.53
4.304	30.38	6.98	2.29	5.13	343.2	0.07	42.53
4.324	30.38	6.98	2.06	5.15	365.95	0.09	42.54
4.34	30.38	6.98	2.25	5.11	377.41	0.1	42.53
4.361	30.38	6.98	2.33	5.11	354.93	0.06	42.53
4.377	30.38	6.98	2.36	5.14	351.9	0.07	42.53
4.387	30.38	6.98	2.14	5.16	350.92	0.06	42.53
4.397	30.38	6.98	2.14	5.16	343.75	0.05	42.54
4.401	30.38	6.98	2.29	5.18	355.58	0.1	42.54
4.41	30.38	6.98	2.06	5.2	346.39	0.07	42.54
4.427	30.38	6.98	2.59	5.22	340.66	0.06	42.54
4.44	30.38	6.98	2.17	5.17	337.44	0.08	42.54
4.443	30.38	6.98	2.17	5.16	344.55	0.09	42.54
4.47	30.38	6.98	2.06	5.16	356.74	0.1	42.54
4.509	30.38	6.98	2.17	5.17	340.27	0.08	42.54
4.511	30.38	6.98	2.06	5.12	347.44	0.06	42.54
4.517	30.38	6.98	2.21	5.09	340.74	0.06	42.54
4.54	30.38	6.98	2.21	5.07	323.72	0.08	42.54
4.567	30.38	6.98	2.1	5.08	324.55	0.06	42.54
4.589	30.38	6.98	2.14	5.07	336.03	0.06	42.54
4.605	30.38	6.98	2.14	5.07	330.32	0.06	42.54
4.614	30.38	6.98	2.1	5.04	321.78	0.07	42.54
4.615	30.38	6.98	2.21	5.05	318.96	0.1	42.55
4.627	30.38	6.98	2.14	5.04	315.5	0.08	42.55
4.648	30.38	6.98	2.4	5.05	316.16	0.07	42.55
4.669	30.38	6.98	2.63	5.08	313.1	0.05	42.55
4.689	30.38	6.98	2.4	5.11	305.57	0.08	42.55
4.706	30.38	6.98	2.48	5.14	308.92	0.07	42.55

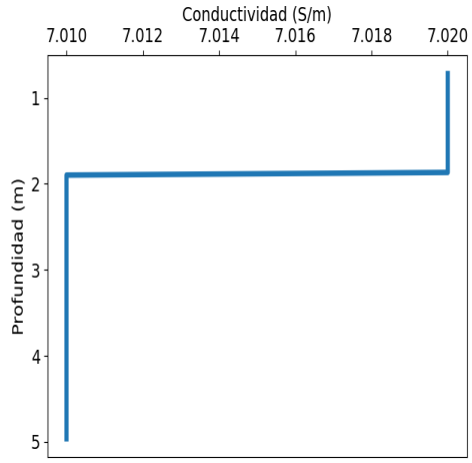
4.714	30.38	6.98	2.36	5.16	309.42	0.08	42.55
4.717	30.38	6.98	2.36	5.16	305.64	0.04	42.55
4.726	30.38	6.98	2.4	5.16	310.86	0.09	42.55
4.743	30.38	6.98	2.33	5.17	306.07	0.08	42.55
4.765	30.38	6.98	2.25	5.18	296.02	0.11	42.55
4.795	30.38	6.98	2.25	5.19	291.93	0.06	42.55
4.808	30.38	6.98	2.36	5.19	301.07	0.12	42.55
4.829	30.38	6.98	2.21	5.19	288.7	0.13	42.55
4.856	30.38	6.98	2.48	5.2	284.19	0.09	42.55
4.875	30.38	6.98	2.33	5.22	285.11	0.03	42.56
4.89	30.38	6.98	2.1	5.19	283.73	0.08	42.56
4.895	30.38	6.98	2.33	5.05	283.66	0.05	42.56
4.898	30.38	6.98	2.56	4.99	275.24	0.02	42.56
4.905	30.38	6.98	2.67	4.94	273.21	0.04	42.56
4.931	30.38	6.98	2.1	4.88	284.25	0.01	42.56
4.974	30.38	6.98	2.25	4.83	277.81	0.09	42.56
5.012	30.38	6.98	2.4	4.89	271.44	0.01	42.56
5.03	30.38	6.98	2.17	4.87	270.31	0.09	42.57
5.077	30.38	6.98	2.63	4.86	262.84	0.06	42.57
5.102	30.38	6.98	2.29	4.98	260.65	0.09	42.57
5.122	30.38	6.98	2.25	4.99	253.5	0.12	42.57
5.158	30.38	6.98	2.52	5.02	246.15	0.08	42.57
5.167	30.39	6.99	2.63	5.07	250.12	0.08	42.57
5.187	30.39	6.98	3.01	5.04	245.35	0.1	42.57
5.218	30.39	6.98	2.71	5.04	239.73	0.1	42.57
5.239	30.38	6.98	3.2	5.06	237.35	0.04	42.57
5.255	30.39	6.99	3.13	5.0	242.64	0.06	42.57
5.256	30.39	6.99	2.98	5.02	237.46	0.1	42.57
5.277	30.39	6.99	3.13	5.03	240.62	0.04	42.57
5.304	30.39	6.99	3.2	5.05	238.07	0.26	42.57
5.323	30.39	6.99	2.86	5.05	232.29	0.93	42.57
5.334	30.39	6.99	2.94	5.06	232.99	1.02	42.57
5.341	30.39	6.99	3.36	5.09	239.62	1.18	42.57
5.346	30.39	6.99	3.09	5.11	237.85	1.37	42.57
5.349	30.39	6.99	3.51	5.0	230.15	1.32	42.57
5.355	30.39	6.99	3.55	4.87	234.89	1.24	42.57
5.366	30.39	6.99	3.62	4.37	229.99	1.23	42.57
5.38	30.39	6.99	3.62	4.32	231.75	1.47	42.57
5.399	30.39	6.99	3.62	4.29	225.97	1.52	42.57
5.415	30.39	6.99	3.62	4.27	224.09	1.55	42.57
5.432	30.39	6.99	3.85	4.23	226.6	1.45	42.57
5.448	30.39	6.99	3.93	4.2	228.34	1.3	42.57
5.453	30.39	6.99	3.28	4.19	213.94	1.39	42.57
5.462	30.39	6.99	2.78	4.17	215.94	1.36	42.57
5.486	30.39	6.99	2.71	4.14	221.26	1.36	42.57
5.491	30.39	6.99	3.01	4.03	216.94	1.18	42.57
5.506	30.39	6.99	2.86	4.08	209.62	1.09	42.57
5.535	30.39	6.99	3.28	4.13	212.31	1.2	42.57
5.554	30.39	6.99	3.28	4.2	212.66	1.24	42.57
5.57	30.39	6.99	4.58	4.3	206.15	1.39	42.57
5.576	30.39	6.99	3.01	4.47	210.16	1.34	42.57
5.6	30.39	6.99	3.82	4.42	206.06	1.25	42.57
5.63	30.39	6.99	4.08	4.37	201.95	1.34	42.57
5.639	30.39	6.99	3.85	4.22	199.85	1.33	42.57
5.649	30.39	6.99	3.78	4.18	204.16	1.11	42.57
5.666	30.39	6.99	3.62	4.2	202.84	1.12	42.57
5.678	30.39	6.99	3.62	4.43	194.82	1.01	42.57
5.68	30.39	6.99	3.62	4.54	195.86	1.03	42.57

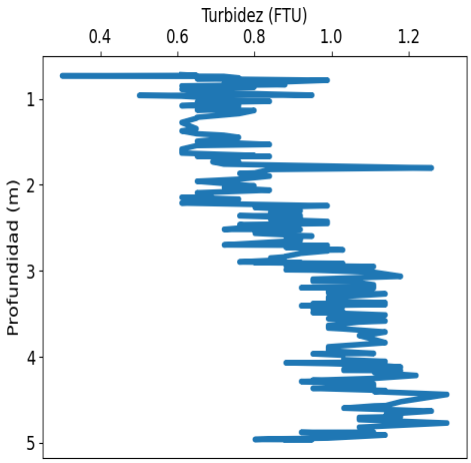
5.691	30.39	6.99	4.0	4.65	192.98	1.05	42.57
5.699	30.4	6.99	3.85	4.83	188.12	0.99	42.57
5.701	30.39	6.99	3.66	4.86	189.48	0.85	42.57
5.706	30.39	6.99	3.7	4.87	187.38	0.92	42.57
5.707	30.39	6.99	3.66	5.13	177.08	0.7	42.57
5.708	30.39	6.99	3.51	5.14	175.69	0.61	42.57
5.71	30.39	6.99	3.55	5.15	172.82	0.63	42.57
5.712	30.39	6.99	3.55	5.16	166.68	0.63	42.57
5.717	30.39	6.99	4.16	5.16	162.49	0.57	42.57
5.719	30.39	6.99	3.62	5.13	159.61	0.56	42.57
5.721	30.39	6.99	3.47	5.17	157.44	0.57	42.57
5.722	30.39	6.99	3.51	5.18	158.76	0.49	42.57

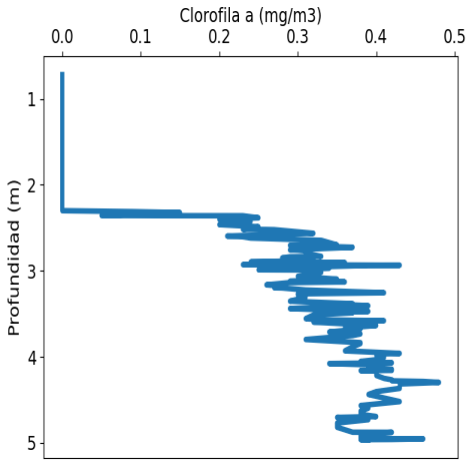
Nombre: CTD E10 - Punto 018 **Fecha: 01/08/2022** **Hora: 10:08:28**

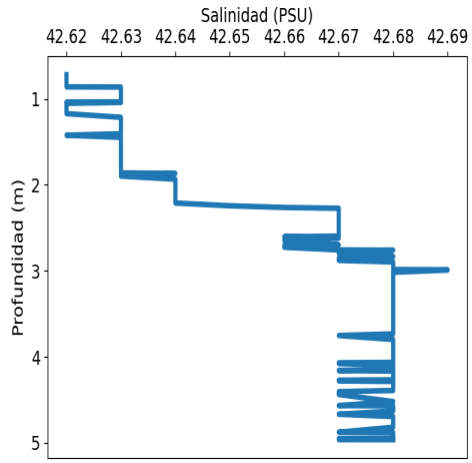


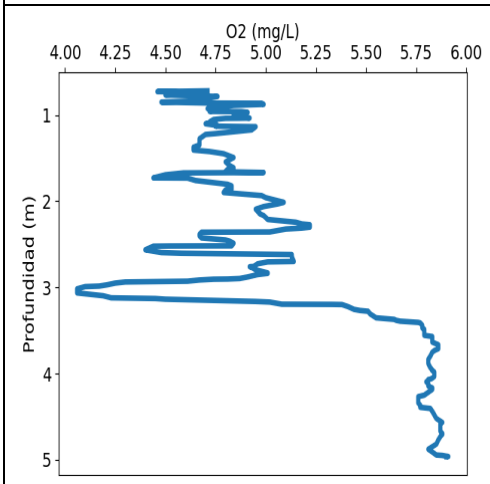


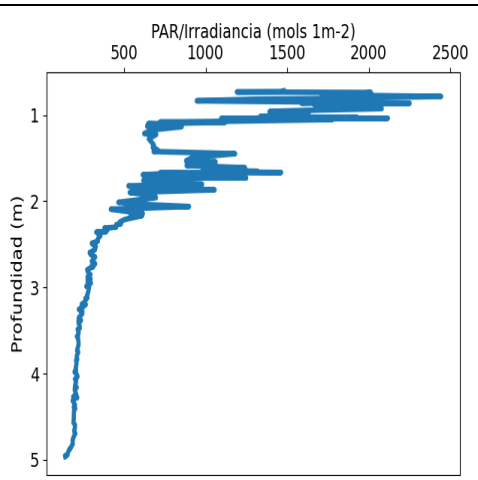












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.43	7.01	0.31	4.06	138.47	0.0	42.62
PROF (metros)	3.835	1.899	0.733	3.017	4.953	0.72	0.72
MÁXIMO	30.63	30.63	1.3	5.91	2444.7	0.48	42.69
PROF (metros)	0.758	0.72	4.437	4.96	0.785	4.297	2.988

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.62	7.02	0.7	4.72	1658.74	0.0	42.62
1 - 2m	30.59	7.02	0.72	4.78	948.16	0.0	42.63
2 - 3m	30.48	7.01	0.86	4.81	359.83	0.21	42.67
3 - 4m	30.44	7.01	1.05	5.49	229.61	0.34	42.68
4 - 5m	30.43	7.01	1.06	5.83	188.25	0.4	42.68

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)
0.72	30.62	7.02	0.61	4.71	1478.7	0.0	42.62
0.729	30.62	7.02	0.65	4.46	1458.0	0.0	42.62
0.733	30.62	7.02	0.3	4.55	1190.9	0.0	42.62
0.74	30.62	7.02	0.72	4.61	2014.5	0.0	42.62
0.758	30.63	7.02	0.76	4.56	1904.6	0.0	42.62
0.768	30.63	7.02	0.65	4.5	1710.4	0.0	42.62
0.785	30.62	7.02	0.99	4.76	2444.7	0.0	42.62
0.809	30.62	7.02	0.84	4.7	1769.3	0.0	42.62
0.817	30.62	7.02	0.72	4.69	1299.0	0.0	42.62
0.836	30.62	7.02	0.88	4.67	944.98	0.0	42.62
0.851	30.62	7.02	0.61	4.48	1757.9	0.0	42.62
0.862	30.62	7.02	0.69	4.72	1587.1	0.0	42.62
0.864	30.61	7.02	0.8	4.98	2251.6	0.0	42.63
0.877	30.61	7.02	0.65	4.99	1663.5	0.0	42.63
0.889	30.61	7.02	0.61	4.84	1743.3	0.0	42.63
0.926	30.61	7.02	0.69	4.71	2080.5	0.0	42.63
0.946	30.61	7.02	0.84	4.74	1634.1	0.0	42.63
0.958	30.61	7.02	0.95	4.72	1406.2	0.0	42.63
0.959	30.61	7.02	0.72	4.73	1530.7	0.0	42.63
0.962	30.61	7.02	0.5	4.88	1391.0	0.0	42.63
0.97	30.61	7.02	0.61	4.91	1633.3	0.0	42.63
0.99	30.61	7.02	0.69	4.84	1598.1	0.0	42.63
1.02	30.61	7.02	0.69	4.84	1332.9	0.0	42.63
1.03	30.61	7.02	0.84	4.9	1931.3	0.0	42.63
1.036	30.61	7.02	0.76	4.92	1369.9	0.0	42.63
1.038	30.61	7.02	0.65	4.87	2117.9	0.0	42.62
1.039	30.61	7.02	0.65	4.8	1095.1	0.0	42.63
1.043	30.61	7.02	0.69	4.78	1220.2	0.0	42.63
1.053	30.61	7.02	0.76	4.74	1777.5	0.0	42.62
1.081	30.61	7.02	0.61	4.72	861.71	0.0	42.62
1.082	30.61	7.02	0.72	4.72	719.69	0.0	42.62
1.085	30.61	7.02	0.76	4.75	1118.9	0.0	42.62
1.102	30.61	7.02	0.65	4.7	646.16	0.0	42.62
1.122	30.61	7.02	0.69	4.76	822.86	0.0	42.62
1.13	30.61	7.02	0.65	4.75	640.35	0.0	42.62
1.136	30.61	7.02	0.8	4.95	853.36	0.0	42.62
1.173	30.61	7.02	0.76	4.93	672.28	0.0	42.62

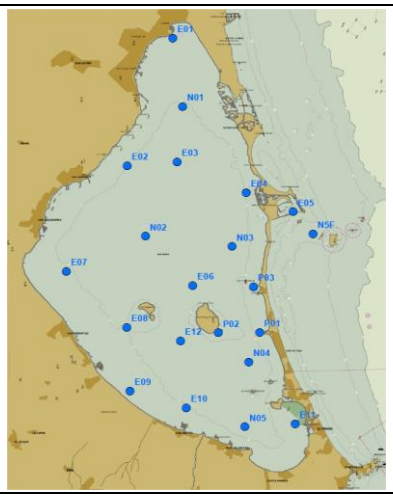
1.216	30.61	7.02	0.65	4.75	622.35	0.0	42.63
1.226	30.61	7.02	0.65	4.7	697.2	0.0	42.63
1.276	30.61	7.02	0.61	4.67	650.67	0.0	42.63
1.348	30.6	7.02	0.65	4.67	682.33	0.0	42.63
1.374	30.61	7.02	0.61	4.64	674.78	0.0	42.63
1.407	30.6	7.02	0.65	4.64	706.47	0.0	42.63
1.424	30.6	7.02	0.72	4.72	680.12	0.0	42.62
1.449	30.6	7.02	0.76	4.79	1181.0	0.0	42.63
1.494	30.59	7.02	0.65	4.84	917.99	0.0	42.63
1.532	30.59	7.02	0.84	4.81	879.46	0.0	42.63
1.544	30.59	7.02	0.65	4.8	1061.1	0.0	42.63
1.586	30.59	7.02	0.61	4.82	882.52	0.0	42.63
1.612	30.59	7.02	0.61	4.84	1241.9	0.0	42.63
1.631	30.59	7.02	0.61	4.81	982.5	0.0	42.63
1.654	30.59	7.02	0.76	4.8	1318.8	0.0	42.63
1.659	30.59	7.02	0.8	4.81	1084.7	0.0	42.63
1.667	30.6	7.02	0.65	4.99	1463.1	0.0	42.63
1.668	30.6	7.02	0.65	4.96	721.53	0.0	42.63
1.67	30.6	7.02	0.84	4.71	757.17	0.0	42.63
1.672	30.6	7.02	0.76	4.59	827.26	0.0	42.63
1.694	30.6	7.02	0.72	4.5	613.33	0.0	42.63
1.73	30.6	7.02	0.76	4.44	1248.9	0.0	42.63
1.732	30.59	7.02	0.69	4.61	866.11	0.0	42.63
1.76	30.59	7.02	0.72	4.65	616.75	0.0	42.63
1.804	30.58	7.02	1.26	4.81	978.86	0.0	42.63
1.822	30.58	7.02	0.84	4.83	525.72	0.0	42.63
1.862	30.57	7.02	0.8	4.83	580.41	0.0	42.63
1.868	30.55	7.02	0.76	4.8	1055.0	0.0	42.64
1.899	30.55	7.01	0.84	4.79	533.82	0.0	42.63
1.935	30.53	7.01	0.76	4.98	688.37	0.0	42.64
1.959	30.53	7.01	0.65	5.0	695.26	0.0	42.64
2.013	30.53	7.01	0.8	5.09	464.3	0.0	42.64
2.032	30.53	7.01	0.72	5.06	551.81	0.0	42.64
2.062	30.53	7.01	0.84	4.99	898.42	0.0	42.64
2.093	30.53	7.01	0.65	4.95	417.93	0.0	42.64
2.143	30.54	7.01	0.69	4.97	614.89	0.0	42.64
2.146	30.53	7.01	0.61	4.97	537.92	0.0	42.64
2.167	30.53	7.01	0.76	4.99	610.77	0.0	42.64
2.212	30.53	7.01	0.61	5.01	503.89	0.0	42.64
2.244	30.51	7.01	0.99	5.15	471.9	0.0	42.65
2.264	30.5	7.01	0.8	5.18	480.17	0.0	42.66
2.273	30.49	7.01	0.84	5.22	451.04	0.0	42.67
2.301	30.49	7.01	0.92	5.22	451.15	0.0	42.67
2.312	30.48	7.01	0.88	5.18	377.93	0.09	42.67
2.323	30.48	7.01	0.84	5.1	400.57	0.15	42.67
2.357	30.48	7.01	0.84	5.02	388.41	0.05	42.67
2.359	30.49	7.01	0.92	4.72	328.56	0.12	42.67
2.36	30.49	7.01	0.76	4.68	357.49	0.23	42.67
2.384	30.49	7.01	0.92	4.67	341.05	0.25	42.67
2.402	30.49	7.01	0.84	4.67	354.27	0.2	42.67
2.426	30.48	7.01	0.99	4.68	342.0	0.24	42.67
2.45	30.49	7.01	0.99	4.8	336.34	0.23	42.67
2.463	30.48	7.01	0.76	4.82	339.01	0.2	42.67
2.488	30.49	7.01	0.8	4.84	300.93	0.25	42.67
2.518	30.48	7.01	0.72	4.83	317.48	0.23	42.67
2.52	30.49	7.01	0.92	4.52	320.59	0.26	42.67
2.522	30.49	7.01	0.8	4.44	326.66	0.27	42.67
2.564	30.49	7.01	0.8	4.4	320.59	0.32	42.67

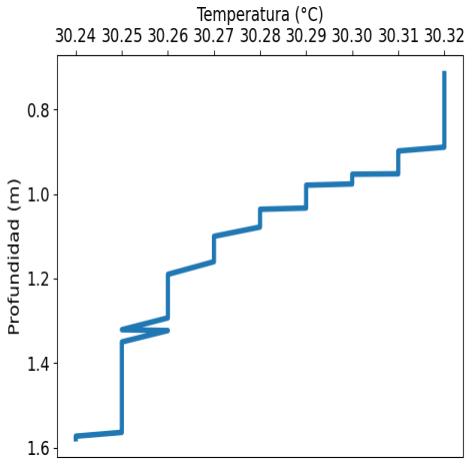
2.596	30.49	7.01	0.95	4.48	288.3	0.21	42.67
2.604	30.49	7.01	0.88	4.58	299.12	0.23	42.66
2.619	30.49	7.01	0.92	5.13	294.17	0.24	42.67
2.646	30.49	7.01	0.92	5.13	322.38	0.33	42.66
2.699	30.49	7.01	0.72	5.14	300.86	0.35	42.67
2.704	30.49	7.01	0.99	5.01	310.5	0.29	42.66
2.726	30.48	7.01	0.88	4.96	322.38	0.37	42.66
2.757	30.48	7.01	1.03	4.94	298.43	0.29	42.67
2.76	30.47	7.01	0.95	4.92	311.43	0.3	42.68
2.768	30.48	7.01	0.99	4.93	300.79	0.31	42.67
2.796	30.47	7.01	0.92	4.95	272.83	0.31	42.67
2.832	30.47	7.01	0.88	5.01	280.39	0.33	42.68
2.837	30.47	7.01	0.88	5.01	282.28	0.29	42.68
2.851	30.47	7.01	0.84	4.96	293.56	0.28	42.67
2.879	30.47	7.01	0.84	4.91	275.24	0.32	42.67
2.897	30.46	7.01	0.76	4.87	287.17	0.24	42.68
2.903	30.46	7.01	0.92	4.81	294.38	0.36	42.68
2.905	30.46	7.01	0.8	4.74	275.24	0.3	42.68
2.914	30.46	7.01	1.03	4.67	275.5	0.29	42.68
2.928	30.46	7.01	0.95	4.61	289.1	0.23	42.68
2.935	30.46	7.01	0.88	4.37	279.55	0.43	42.68
2.937	30.46	7.01	0.88	4.3	275.82	0.39	42.68
2.95	30.46	7.01	1.11	4.25	296.36	0.34	42.68
2.97	30.46	7.01	1.03	4.21	278.71	0.34	42.68
2.985	30.45	7.01	0.92	4.17	268.06	0.3	42.68
2.988	30.45	7.01	0.88	4.14	267.38	0.25	42.69
2.991	30.45	7.01	0.95	4.1	284.98	0.32	42.69
3.017	30.45	7.01	1.11	4.06	283.07	0.33	42.68
3.064	30.45	7.01	1.18	4.06	278.0	0.3	42.68
3.097	30.45	7.01	0.95	4.19	271.57	0.35	42.68
3.121	30.45	7.01	0.95	4.23	275.24	0.29	42.68
3.129	30.44	7.01	1.07	4.45	261.44	0.36	42.68
3.137	30.44	7.01	1.07	4.5	264.36	0.29	42.68
3.163	30.44	7.01	1.11	4.95	261.44	0.26	42.68
3.17	30.44	7.01	1.11	5.02	259.69	0.27	42.68
3.195	30.44	7.01	1.07	5.08	239.56	0.28	42.68
3.197	30.44	7.01	0.92	5.33	245.18	0.27	42.68
3.199	30.44	7.01	1.11	5.38	264.98	0.28	42.68
3.223	30.44	7.01	0.99	5.41	247.29	0.31	42.68
3.255	30.44	7.01	0.99	5.44	221.56	0.41	42.68
3.268	30.44	7.01	1.14	5.47	229.14	0.3	42.68
3.277	30.44	7.01	1.11	5.51	244.05	0.3	42.68
3.307	30.44	7.01	0.99	5.52	242.75	0.31	42.68
3.353	30.44	7.01	0.99	5.55	220.79	0.29	42.68
3.371	30.44	7.01	1.14	5.64	229.24	0.34	42.68
3.382	30.44	7.01	0.95	5.65	235.93	0.37	42.68
3.392	30.44	7.01	1.14	5.67	219.67	0.36	42.68
3.406	30.44	7.01	0.92	5.76	225.87	0.39	42.68
3.412	30.44	7.01	1.03	5.77	219.93	0.35	42.68
3.439	30.44	7.01	0.95	5.78	225.92	0.29	42.68
3.471	30.44	7.01	1.03	5.78	228.24	0.39	42.68
3.485	30.44	7.01	0.95	5.79	218.15	0.35	42.68
3.488	30.44	7.01	0.99	5.79	214.24	0.37	42.68
3.513	30.44	7.01	1.14	5.79	220.79	0.32	42.68
3.556	30.44	7.01	0.99	5.79	217.85	0.31	42.68
3.57	30.44	7.01	1.07	5.83	209.24	0.33	42.68
3.58	30.44	7.01	1.03	5.83	214.64	0.41	42.68
3.583	30.44	7.01	1.14	5.83	216.34	0.37	42.68

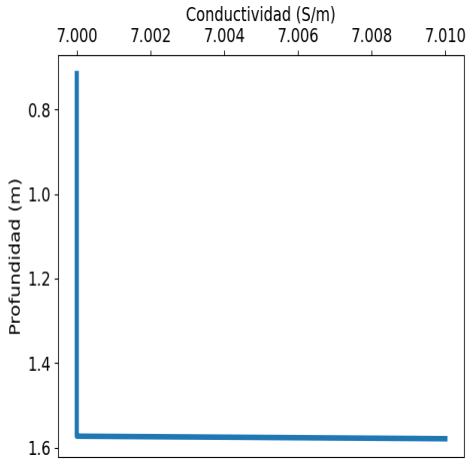
3.596	30.44	7.01	1.07	5.83	217.54	0.32	42.68
3.635	30.44	7.01	0.99	5.83	219.88	0.4	42.68
3.665	30.44	7.01	0.99	5.86	219.88	0.36	42.68
3.675	30.44	7.01	1.03	5.86	219.11	0.38	42.68
3.711	30.44	7.01	1.14	5.86	213.79	0.34	42.68
3.733	30.44	7.01	1.11	5.84	210.5	0.38	42.68
3.752	30.44	7.01	1.07	5.83	218.55	0.37	42.67
3.798	30.44	7.01	1.11	5.82	208.36	0.31	42.68
3.835	30.43	7.01	1.14	5.81	212.76	0.38	42.68
3.845	30.43	7.01	1.11	5.81	204.87	0.38	42.68
3.883	30.43	7.01	0.99	5.81	207.88	0.37	42.68
3.93	30.43	7.01	0.99	5.82	203.31	0.36	42.68
3.96	30.43	7.01	1.11	5.83	205.11	0.43	42.68
3.965	30.43	7.01	0.95	5.83	199.16	0.41	42.68
3.981	30.43	7.01	1.03	5.84	195.18	0.4	42.68
4.007	30.43	7.01	1.03	5.84	208.36	0.41	42.68
4.033	30.43	7.01	1.03	5.84	214.39	0.4	42.68
4.053	30.43	7.01	1.14	5.83	206.82	0.38	42.68
4.064	30.43	7.01	1.03	5.82	197.73	0.39	42.68
4.069	30.43	7.01	0.88	5.81	202.09	0.42	42.67
4.078	30.43	7.01	0.99	5.81	204.49	0.34	42.67
4.095	30.43	7.01	1.11	5.8	205.39	0.4	42.68
4.119	30.43	7.01	1.18	5.81	201.52	0.39	42.68
4.144	30.43	7.01	1.03	5.81	198.42	0.42	42.68
4.157	30.43	7.01	1.03	5.82	204.49	0.42	42.67
4.16	30.43	7.01	1.18	5.82	209.67	0.38	42.67
4.165	30.43	7.01	1.11	5.83	199.57	0.4	42.68
4.183	30.43	7.01	1.11	5.83	196.18	0.4	42.68
4.216	30.43	7.01	1.22	5.81	200.83	0.4	42.68
4.25	30.43	7.01	1.11	5.79	207.02	0.41	42.68
4.267	30.43	7.01	0.99	5.76	187.08	0.42	42.68
4.271	30.43	7.01	0.95	5.76	200.22	0.42	42.67
4.279	30.43	7.01	0.99	5.76	212.71	0.42	42.67
4.286	30.43	7.01	0.92	5.76	199.2	0.46	42.68
4.297	30.43	7.01	0.99	5.76	189.26	0.48	42.68
4.315	30.43	7.01	1.11	5.76	183.89	0.43	42.68
4.34	30.43	7.01	1.11	5.76	192.93	0.43	42.68
4.366	30.43	7.01	0.95	5.77	198.79	0.43	42.68
4.391	30.43	7.01	1.14	5.77	190.4	0.41	42.68
4.404	30.44	7.01	1.11	5.82	200.41	0.4	42.67
4.437	30.44	7.01	1.3	5.83	191.73	0.39	42.67
4.52	30.44	7.01	1.18	5.85	191.06	0.43	42.68
4.566	30.44	7.01	1.14	5.88	188.91	0.38	42.67
4.57	30.44	7.01	1.11	5.87	188.77	0.39	42.68
4.596	30.44	7.01	1.03	5.87	199.2	0.39	42.68
4.63	30.44	7.01	1.26	5.87	197.59	0.38	42.68
4.667	30.44	7.01	1.14	5.87	192.8	0.38	42.67
4.694	30.43	7.01	1.18	5.88	200.73	0.4	42.68
4.704	30.43	7.01	1.07	5.88	197.96	0.35	42.68
4.73	30.43	7.01	1.07	5.87	190.84	0.39	42.68
4.769	30.43	7.01	1.3	5.86	184.02	0.35	42.68
4.818	30.43	7.01	1.07	5.85	184.32	0.35	42.68
4.876	30.44	7.01	1.11	5.81	167.19	0.37	42.67
4.877	30.44	7.01	0.92	5.81	163.92	0.42	42.68
4.909	30.44	7.01	1.14	5.83	156.72	0.38	42.68
4.944	30.44	7.01	0.99	5.85	152.1	0.38	42.68
4.949	30.44	7.01	0.92	5.88	140.09	0.38	42.67
4.953	30.44	7.01	0.84	5.89	138.47	0.46	42.67

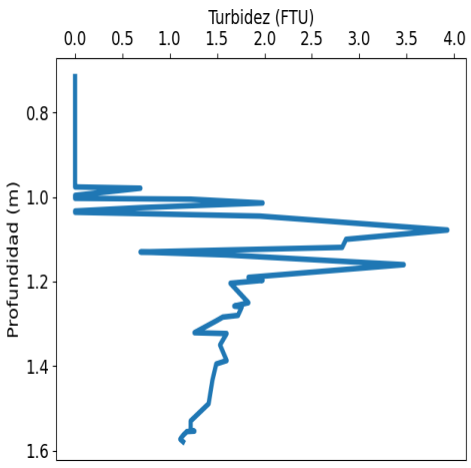
4.96	30.44	7.01	0.8	5.91	140.7	0.42	42.67
4.962	30.44	7.01	0.95	5.91	141.36	0.38	42.67
4.963	30.44	7.01	0.88	5.9	139.28	0.39	42.68

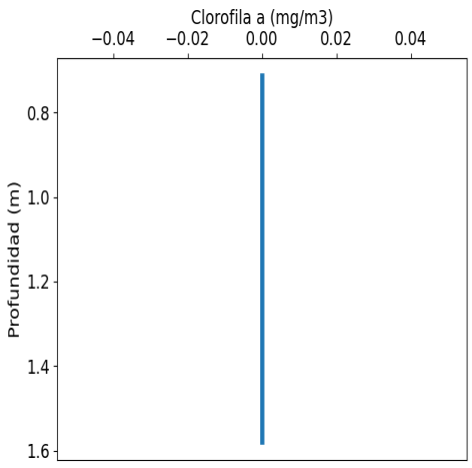
Nombre: CTD E09 - Punto 019 **Fecha: 01/08/2022** **Hora: 10:08:41**

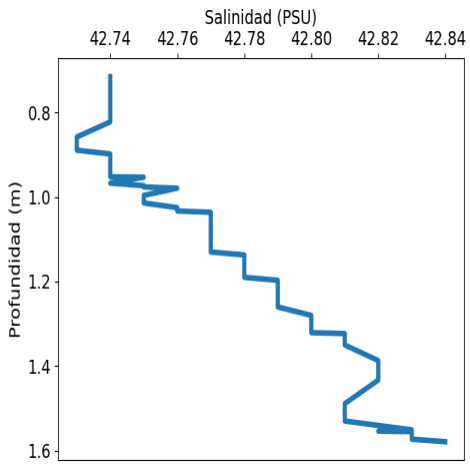


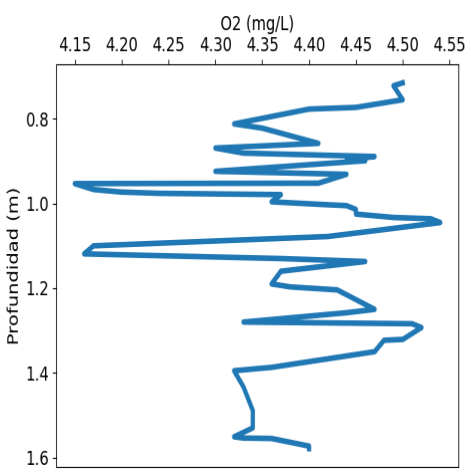


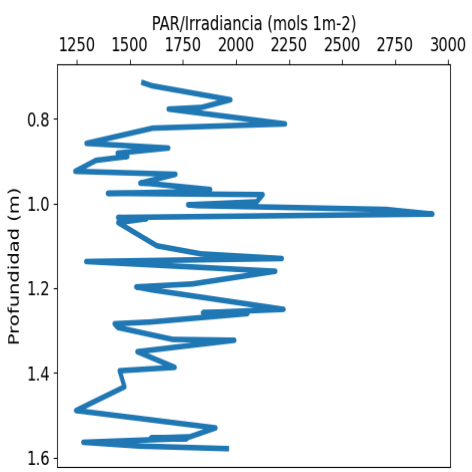












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.24	7.0	0.0	4.15	1242.2	0.0	42.73
PROF (metros)	1.573	0.715	0.715	0.953	0.924	0.715	0.858
MÁXIMO	30.33	30.33	3.93	4.54	2926.4	0.0	42.84
PROF (metros)	0.755	1.579	1.078	1.045	1.025	0.715	1.579

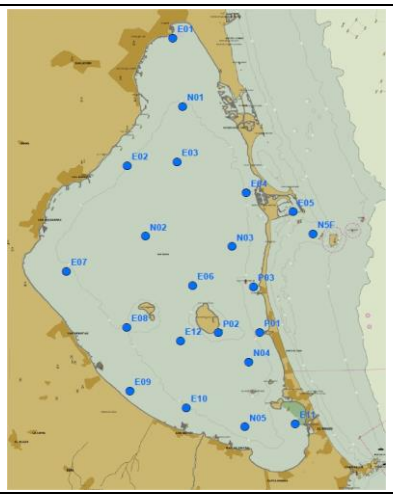
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.29	7.0	0.69	4.37	2126.3	0.0	42.76
1 - 2m	30.26	7.0	1.68	4.4	1759.77	0.0	42.8

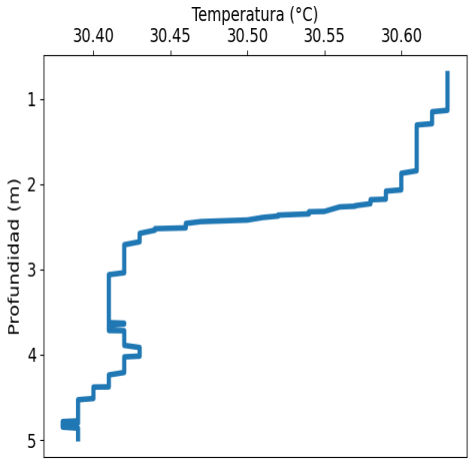
OBSERVACIONES GENERALES

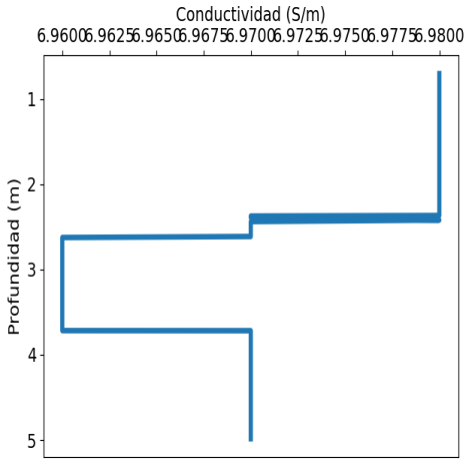
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.715	30.32	7.0	0.0	4.5	1563.0	0.0	42.74
0.722	30.32	7.0	0.0	4.49	1604.4	0.0	42.74
0.755	30.32	7.0	0.0	4.5	1974.3	0.0	42.74
0.773	30.32	7.0	0.0	4.45	1837.9	0.0	42.74
0.777	30.32	7.0	0.0	4.4	1682.1	0.0	42.74
0.812	30.32	7.0	0.0	4.32	2231.8	0.0	42.74
0.822	30.32	7.0	0.0	4.35	1607.4	0.0	42.74
0.858	30.32	7.0	0.0	4.41	1294.8	0.0	42.73
0.869	30.32	7.0	0.0	4.3	1681.4	0.0	42.73
0.881	30.32	7.0	0.0	4.33	1441.9	0.0	42.73
0.889	30.32	7.0	0.0	4.47	1488.4	0.0	42.73
0.898	30.31	7.0	0.0	4.44	1341.9	0.0	42.74
0.899	30.31	7.0	0.0	4.46	1336.9	0.0	42.74
0.924	30.31	7.0	0.0	4.3	1242.2	0.0	42.74
0.931	30.31	7.0	0.0	4.44	1715.2	0.0	42.74
0.952	30.31	7.0	0.0	4.41	1548.5	0.0	42.74
0.953	30.3	7.0	0.0	4.15	1595.2	0.0	42.75
0.967	30.3	7.0	0.0	4.17	1878.8	0.0	42.74
0.973	30.3	7.0	0.0	4.2	1702.9	0.0	42.75
0.976	30.3	7.0	0.0	4.24	1395.8	0.0	42.75
0.979	30.29	7.0	0.69	4.37	2126.3	0.0	42.76
0.996	30.29	7.0	0.0	4.36	2097.9	0.0	42.75
1.003	30.29	7.0	0.0	4.42	1773.8	0.0	42.75
1.005	30.29	7.0	1.22	4.44	1812.9	0.0	42.75
1.014	30.29	7.0	1.98	4.45	2705.9	0.0	42.75
1.025	30.29	7.0	0.69	4.45	2926.4	0.0	42.76
1.033	30.29	7.0	0.0	4.49	1443.9	0.0	42.76
1.036	30.28	7.0	0.0	4.53	1578.3	0.0	42.77
1.045	30.28	7.0	1.95	4.54	1444.5	0.0	42.77
1.078	30.28	7.0	3.93	4.42	1553.9	0.0	42.77
1.1	30.27	7.0	2.86	4.17	1627.7	0.0	42.77
1.119	30.27	7.0	2.82	4.16	1835.7	0.0	42.77
1.13	30.27	7.0	0.69	4.37	2216.4	0.0	42.77
1.137	30.27	7.0	1.6	4.46	1293.6	0.0	42.78
1.16	30.27	7.0	3.47	4.37	2185.8	0.0	42.78
1.19	30.26	7.0	1.83	4.36	1794.5	0.0	42.78
1.197	30.26	7.0	1.98	4.38	1529.6	0.0	42.79
1.204	30.26	7.0	1.64	4.43	1603.7	0.0	42.79
1.25	30.26	7.0	1.83	4.47	2224.6	0.0	42.79
1.258	30.26	7.0	1.68	4.44	1843.8	0.0	42.79

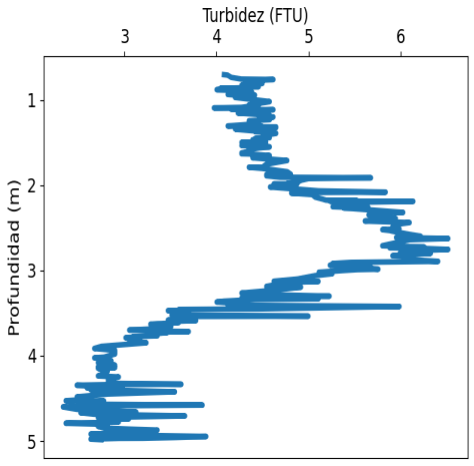
1.26	30.26	7.0	1.76	4.43	2054.1	0.0	42.79
1.28	30.26	7.0	1.72	4.33	1594.1	0.0	42.8
1.284	30.26	7.0	1.56	4.51	1427.6	0.0	42.8
1.293	30.26	7.0	1.49	4.52	1443.9	0.0	42.8
1.321	30.25	7.0	1.26	4.5	1701.7	0.0	42.8
1.323	30.26	7.0	1.6	4.48	1992.7	0.0	42.81
1.35	30.25	7.0	1.53	4.47	1535.0	0.0	42.81
1.387	30.25	7.0	1.6	4.36	1711.6	0.0	42.82
1.395	30.25	7.0	1.49	4.32	1451.6	0.0	42.82
1.433	30.25	7.0	1.45	4.33	1474.6	0.0	42.82
1.489	30.25	7.0	1.41	4.34	1246.0	0.0	42.81
1.53	30.25	7.0	1.22	4.34	1903.8	0.0	42.81
1.551	30.25	7.0	1.22	4.32	1783.3	0.0	42.83
1.554	30.25	7.0	1.26	4.33	1598.5	0.0	42.82
1.555	30.25	7.0	1.18	4.36	1769.7	0.0	42.83
1.564	30.25	7.0	1.14	4.38	1280.2	0.0	42.83
1.573	30.24	7.0	1.11	4.4	1547.5	0.0	42.83
1.579	30.24	7.01	1.14	4.4	1957.5	0.0	42.84

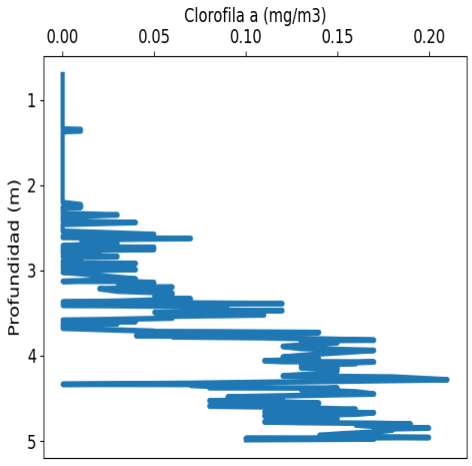
Nombre: CTD E08 - Punto 020 **Fecha: 01/08/2022** **Hora: 11:08:34**

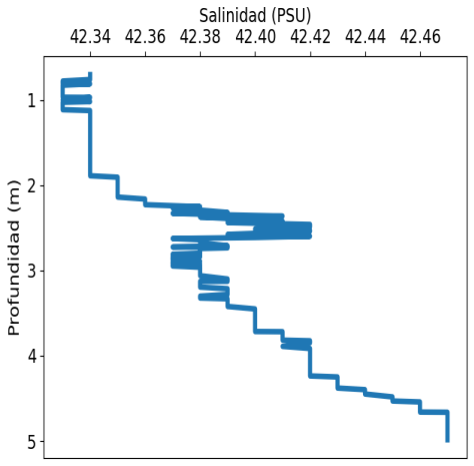


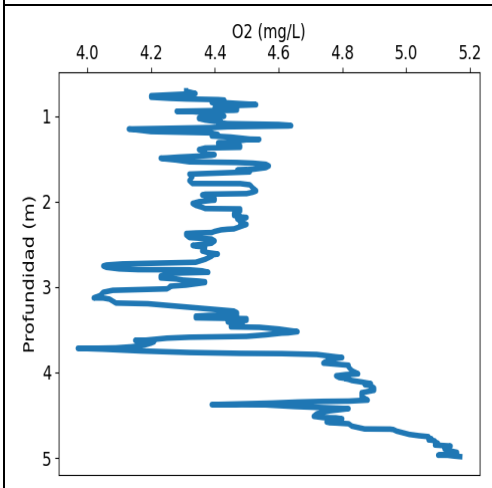


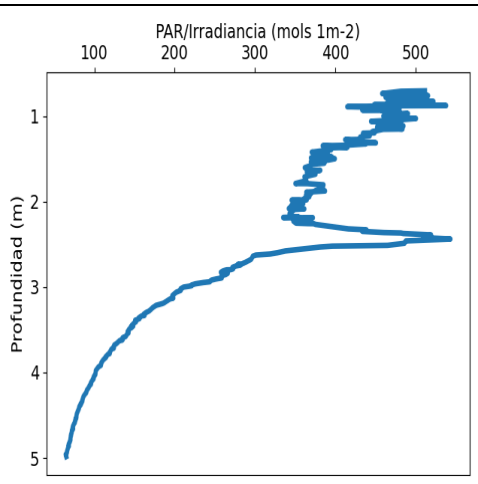












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.38	6.96	2.33	3.97	64.21	0.0	42.33
PROF (metros)	4.784	2.625	4.6	3.717	4.959	0.703	0.778
MÁXIMO	30.63	30.63	6.52	5.17	543.44	0.21	42.47
PROF (metros)	0.703	0.703	2.625	4.985	2.438	4.282	4.663

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.63	6.98	4.29	4.39	478.03	0.0	42.33
1 - 2m	30.61	6.98	4.49	4.42	409.16	0.0	42.34
2 - 3m	30.49	6.97	5.72	4.35	336.64	0.01	42.38
3 - 4m	30.41	6.96	3.92	4.37	146.49	0.06	42.4
4 - 5m	30.4	6.97	2.85	4.89	79.53	0.13	42.45

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	30.63	6.98	4.08	4.31	511.77	0.0	42.34
0.708	30.63	6.98	4.12	4.31	481.84	0.0	42.34
0.735	30.63	6.98	4.16	4.34	458.21	0.0	42.34
0.755	30.63	6.98	4.27	4.23	482.74	0.0	42.34
0.76	30.63	6.98	4.62	4.2	515.7	0.0	42.34
0.778	30.63	6.98	4.31	4.2	462.37	0.0	42.33
0.791	30.63	6.98	4.5	4.26	494.06	0.0	42.33
0.798	30.63	6.98	4.42	4.31	501.09	0.0	42.33
0.803	30.63	6.98	4.5	4.38	514.63	0.0	42.33
0.806	30.63	6.98	4.5	4.41	471.46	0.0	42.33
0.811	30.63	6.98	4.46	4.43	492.23	0.0	42.34
0.827	30.63	6.98	4.27	4.42	522.32	0.0	42.33
0.839	30.63	6.98	4.39	4.39	481.17	0.0	42.33
0.844	30.63	6.98	4.46	4.44	464.41	0.0	42.33
0.857	30.63	6.98	4.27	4.5	499.35	0.0	42.33
0.864	30.63	6.98	4.04	4.53	503.54	0.0	42.33
0.866	30.63	6.98	4.27	4.53	448.23	0.0	42.33
0.869	30.63	6.98	4.16	4.51	483.41	0.0	42.33
0.873	30.63	6.98	4.2	4.48	460.34	0.0	42.33
0.876	30.63	6.98	4.12	4.44	538.17	0.0	42.33
0.879	30.63	6.98	4.0	4.4	459.91	0.0	42.33
0.889	30.63	6.98	4.2	4.4	414.84	0.0	42.33
0.904	30.63	6.98	4.23	4.4	480.17	0.0	42.33
0.911	30.63	6.98	4.39	4.47	442.14	0.0	42.33
0.915	30.63	6.98	4.31	4.47	457.89	0.0	42.33
0.923	30.63	6.98	4.35	4.47	477.4	0.0	42.33
0.928	30.63	6.98	4.35	4.47	433.52	0.0	42.33
0.931	30.63	6.98	4.27	4.46	476.96	0.0	42.33
0.935	30.63	6.98	4.12	4.4	457.89	0.0	42.33
0.942	30.63	6.98	4.2	4.28	475.08	0.0	42.33
0.943	30.63	6.98	4.42	4.32	480.28	0.0	42.33
0.955	30.63	6.98	4.35	4.36	474.64	0.0	42.33
0.968	30.63	6.98	4.35	4.4	463.12	0.0	42.33
0.97	30.63	6.98	4.2	4.39	490.63	0.0	42.34
0.999	30.63	6.98	4.42	4.43	459.7	0.0	42.33
1.019	30.63	6.98	4.58	4.35	477.73	0.0	42.34
1.027	30.63	6.98	4.54	4.35	500.63	0.0	42.33

1.045	30.63	6.98	4.42	4.37	476.29	0.0	42.33
1.06	30.63	6.98	4.35	4.4	444.4	0.0	42.33
1.063	30.63	6.98	4.46	4.42	482.18	0.0	42.33
1.065	30.63	6.98	4.35	4.41	468.74	0.0	42.33
1.075	30.63	6.98	4.35	4.41	470.37	0.0	42.33
1.087	30.63	6.98	4.27	4.44	472.88	0.0	42.33
1.093	30.63	6.98	3.97	4.55	476.96	0.0	42.33
1.097	30.63	6.98	4.31	4.6	455.67	0.0	42.33
1.105	30.63	6.98	4.27	4.63	470.37	0.0	42.33
1.11	30.63	6.98	4.16	4.64	479.39	0.0	42.33
1.111	30.63	6.98	4.16	4.64	458.1	0.0	42.33
1.114	30.63	6.98	4.62	4.63	484.98	0.0	42.33
1.124	30.63	6.98	4.39	4.44	451.99	0.0	42.34
1.133	30.63	6.98	4.42	4.39	460.76	0.0	42.34
1.15	30.62	6.98	4.46	4.13	483.75	0.0	42.34
1.153	30.62	6.98	4.23	4.14	459.7	0.0	42.34
1.18	30.62	6.98	4.58	4.2	446.05	0.0	42.34
1.195	30.62	6.98	4.46	4.39	448.96	0.0	42.34
1.199	30.62	6.98	4.62	4.39	434.42	0.0	42.34
1.214	30.62	6.98	4.58	4.41	440.51	0.0	42.34
1.231	30.62	6.98	4.58	4.39	442.86	0.0	42.34
1.244	30.62	6.98	4.35	4.45	430.91	0.0	42.34
1.268	30.62	6.98	4.42	4.51	429.91	0.0	42.34
1.271	30.62	6.98	4.42	4.54	433.92	0.0	42.34
1.275	30.62	6.98	4.46	4.5	412.16	0.0	42.34
1.29	30.62	6.98	4.31	4.47	427.93	0.0	42.34
1.305	30.61	6.98	4.12	4.45	419.58	0.0	42.34
1.312	30.61	6.98	4.5	4.41	450.73	0.0	42.34
1.315	30.61	6.98	4.31	4.41	419.29	0.0	42.34
1.316	30.61	6.98	4.65	4.42	425.45	0.0	42.34
1.324	30.61	6.98	4.65	4.45	438.06	0.0	42.34
1.34	30.61	6.98	4.2	4.47	413.3	0.0	42.34
1.346	30.61	6.98	4.23	4.48	384.2	0.01	42.34
1.364	30.61	6.98	4.42	4.48	415.23	0.01	42.34
1.372	30.61	6.98	4.42	4.37	390.04	0.0	42.34
1.391	30.61	6.98	4.65	4.35	395.13	0.0	42.34
1.421	30.61	6.98	4.5	4.37	370.56	0.0	42.34
1.442	30.61	6.98	4.58	4.37	390.94	0.0	42.34
1.45	30.61	6.98	4.42	4.4	375.49	0.0	42.34
1.458	30.61	6.98	4.54	4.39	378.46	0.0	42.34
1.467	30.61	6.98	4.39	4.35	392.49	0.0	42.34
1.478	30.61	6.98	4.39	4.29	395.96	0.0	42.34
1.488	30.61	6.98	4.54	4.25	369.62	0.0	42.34
1.491	30.61	6.98	4.42	4.23	378.9	0.0	42.34
1.498	30.61	6.98	4.27	4.24	399.55	0.0	42.34
1.513	30.61	6.98	4.54	4.28	391.58	0.0	42.34
1.534	30.61	6.98	4.27	4.32	369.45	0.0	42.34
1.542	30.61	6.98	4.42	4.47	386.71	0.0	42.34
1.55	30.61	6.98	4.58	4.52	386.44	0.0	42.34
1.563	30.61	6.98	4.46	4.56	371.08	0.0	42.34
1.582	30.61	6.98	4.35	4.57	368.16	0.0	42.34
1.602	30.61	6.98	4.35	4.56	361.9	0.0	42.34
1.621	30.61	6.98	4.27	4.52	365.78	0.0	42.34
1.631	30.61	6.98	4.27	4.47	370.05	0.0	42.34
1.633	30.61	6.98	4.35	4.5	381.45	0.0	42.34
1.652	30.61	6.98	4.58	4.51	364.34	0.0	42.34
1.678	30.61	6.98	4.39	4.32	375.49	0.0	42.34
1.71	30.61	6.98	4.77	4.33	361.48	0.0	42.34

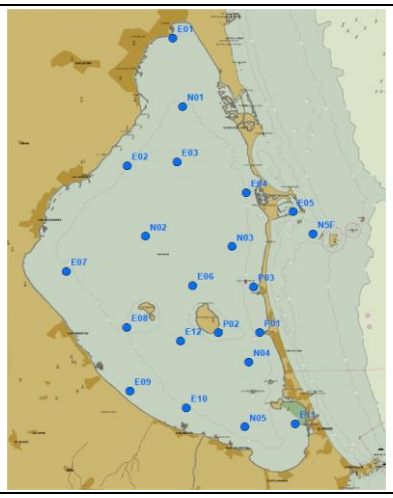
1.754	30.61	6.98	4.54	4.32	364.01	0.0	42.34
1.788	30.61	6.98	4.5	4.33	350.19	0.0	42.34
1.789	30.61	6.98	4.35	4.48	365.27	0.0	42.34
1.803	30.61	6.98	4.5	4.51	385.36	0.0	42.34
1.842	30.61	6.98	4.77	4.52	384.12	0.0	42.34
1.872	30.6	6.98	4.81	4.53	374.79	0.0	42.34
1.875	30.6	6.98	4.54	4.53	387.33	0.0	42.34
1.889	30.6	6.98	4.54	4.52	363.75	0.0	42.34
1.906	30.6	6.98	4.69	4.5	369.87	0.0	42.35
1.913	30.6	6.98	5.68	4.37	366.21	0.0	42.35
1.922	30.6	6.98	5.0	4.36	363.42	0.0	42.35
1.942	30.6	6.98	4.92	4.38	367.74	0.0	42.35
1.965	30.6	6.98	4.88	4.4	360.98	0.0	42.35
1.978	30.6	6.98	4.77	4.4	364.6	0.0	42.35
1.983	30.6	6.98	4.88	4.4	345.43	0.0	42.35
1.985	30.6	6.98	4.62	4.39	355.01	0.0	42.35
1.989	30.6	6.98	4.73	4.38	358.15	0.0	42.35
2.001	30.6	6.98	4.73	4.35	350.19	0.0	42.35
2.021	30.6	6.98	4.58	4.33	360.23	0.0	42.35
2.043	30.6	6.98	4.84	4.34	345.27	0.0	42.35
2.066	30.6	6.98	5.11	4.36	343.99	0.0	42.35
2.081	30.59	6.98	5.84	4.37	341.93	0.0	42.35
2.085	30.59	6.98	5.0	4.48	361.57	0.0	42.35
2.092	30.59	6.98	4.81	4.48	348.08	0.0	42.35
2.11	30.59	6.98	5.04	4.48	347.28	0.0	42.35
2.139	30.59	6.98	5.07	4.46	342.96	0.0	42.35
2.162	30.59	6.98	5.15	4.46	345.27	0.0	42.36
2.175	30.59	6.98	5.19	4.48	342.96	0.0	42.36
2.181	30.58	6.98	5.53	4.48	354.93	0.0	42.36
2.182	30.58	6.98	5.34	4.49	346.95	0.0	42.36
2.186	30.58	6.98	5.23	4.5	334.94	0.0	42.36
2.189	30.58	6.98	6.14	4.49	372.2	0.0	42.36
2.202	30.58	6.98	5.42	4.47	356.24	0.0	42.36
2.228	30.58	6.98	5.34	4.48	347.68	0.01	42.36
2.252	30.57	6.98	5.26	4.49	351.08	0.01	42.38
2.257	30.57	6.98	5.38	4.48	366.04	0.0	42.37
2.258	30.57	6.98	5.65	4.49	373.67	0.01	42.37
2.266	30.56	6.98	5.38	4.5	374.97	0.0	42.37
2.319	30.55	6.98	6.03	4.46	416.19	0.0	42.39
2.323	30.54	6.98	5.84	4.44	424.57	0.0	42.39
2.33	30.54	6.98	5.76	4.42	438.88	0.0	42.37
2.348	30.54	6.98	5.65	4.4	433.62	0.03	42.39
2.362	30.52	6.98	5.76	4.39	460.34	0.01	42.41
2.367	30.52	6.98	5.68	4.34	481.62	0.0	42.4
2.373	30.52	6.97	5.72	4.31	484.76	0.0	42.38
2.39	30.51	6.97	5.95	4.31	519.42	0.0	42.39
2.42	30.5	6.98	5.61	4.32	509.17	0.0	42.41
2.438	30.47	6.97	6.1	4.39	543.44	0.04	42.39
2.46	30.46	6.97	5.95	4.4	487.69	0.0	42.42
2.487	30.46	6.97	5.91	4.39	486.22	0.0	42.42
2.512	30.46	6.97	5.99	4.33	465.16	0.0	42.4
2.521	30.44	6.97	5.8	4.34	396.23	0.0	42.4
2.531	30.44	6.97	5.88	4.37	381.28	0.0	42.42
2.539	30.44	6.97	5.91	4.37	373.58	0.0	42.42
2.577	30.43	6.97	6.1	4.36	337.83	0.05	42.39
2.598	30.43	6.97	6.22	4.38	328.03	0.0	42.42
2.613	30.43	6.97	5.95	4.41	318.81	0.0	42.4
2.625	30.43	6.96	6.52	4.39	301.21	0.07	42.37

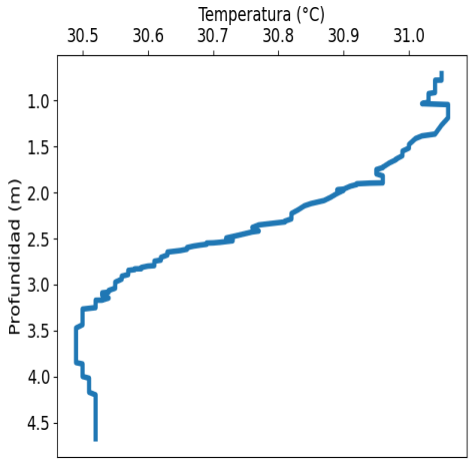
2.639	30.43	6.96	6.1	4.39	297.26	0.01	42.38
2.675	30.43	6.96	5.95	4.37	295.2	0.03	42.38
2.71	30.42	6.96	5.8	4.34	288.17	0.0	42.39
2.725	30.42	6.96	6.26	4.15	284.45	0.02	42.37
2.729	30.42	6.96	6.06	4.11	283.6	0.05	42.39
2.734	30.42	6.96	5.88	4.09	278.45	0.0	42.39
2.742	30.42	6.96	6.26	4.06	282.02	0.0	42.38
2.753	30.42	6.96	6.52	4.05	276.59	0.05	42.38
2.769	30.42	6.96	6.14	4.06	271.94	0.0	42.38
2.787	30.42	6.96	6.1	4.1	272.77	0.0	42.38
2.796	30.42	6.96	6.03	4.16	269.31	0.0	42.38
2.797	30.42	6.96	5.99	4.26	269.31	0.01	42.38
2.798	30.42	6.96	6.33	4.32	264.67	0.01	42.38
2.81	30.42	6.96	6.18	4.36	260.47	0.02	42.37
2.827	30.42	6.96	5.91	4.38	257.41	0.01	42.38
2.836	30.42	6.96	6.1	4.28	262.53	0.03	42.37
2.838	30.42	6.96	6.14	4.26	266.21	0.0	42.38
2.851	30.42	6.96	6.03	4.25	264.06	0.01	42.37
2.87	30.42	6.96	6.06	4.23	258.31	0.01	42.37
2.893	30.42	6.96	6.41	4.23	258.67	0.0	42.38
2.905	30.42	6.96	5.46	4.28	251.69	0.0	42.37
2.918	30.42	6.96	5.26	4.3	245.98	0.04	42.37
2.93	30.42	6.96	5.42	4.35	244.33	0.01	42.38
2.938	30.42	6.96	5.23	4.37	243.76	0.0	42.37
2.947	30.42	6.96	5.61	4.37	235.65	0.0	42.37
2.962	30.42	6.96	5.68	4.34	225.71	0.03	42.38
2.977	30.42	6.96	5.68	4.31	220.74	0.0	42.38
2.985	30.42	6.96	5.76	4.28	220.95	0.02	42.38
2.99	30.42	6.96	5.53	4.26	218.15	0.04	42.38
3.0	30.42	6.96	5.38	4.26	211.23	0.01	42.38
3.021	30.42	6.96	5.11	4.25	207.26	0.0	42.38
3.038	30.42	6.96	5.26	4.08	207.69	0.01	42.38
3.061	30.41	6.96	5.07	4.05	201.81	0.02	42.38
3.1	30.41	6.96	4.88	4.04	197.0	0.04	42.39
3.127	30.41	6.96	4.62	4.02	196.77	0.0	42.39
3.128	30.41	6.96	5.11	4.05	198.37	0.03	42.38
3.141	30.41	6.96	4.77	4.07	193.83	0.05	42.38
3.187	30.41	6.96	4.54	4.09	186.34	0.03	42.38
3.195	30.41	6.96	4.92	4.19	184.06	0.06	42.38
3.214	30.41	6.96	4.77	4.25	176.83	0.02	42.39
3.243	30.41	6.96	4.5	4.34	172.3	0.03	42.39
3.265	30.41	6.96	4.27	4.41	170.0	0.06	42.39
3.281	30.41	6.96	4.46	4.46	167.96	0.06	42.39
3.301	30.41	6.96	5.23	4.47	163.77	0.05	42.38
3.323	30.41	6.96	4.27	4.47	160.84	0.05	42.38
3.332	30.41	6.96	5.11	4.38	162.56	0.07	42.39
3.34	30.41	6.96	4.42	4.34	158.4	0.06	42.39
3.36	30.41	6.96	4.08	4.34	155.2	0.03	42.39
3.37	30.41	6.96	4.0	4.5	156.21	0.0	42.39
3.389	30.41	6.96	4.27	4.5	150.63	0.12	42.39
3.407	30.41	6.96	4.12	4.44	151.85	0.0	42.39
3.422	30.41	6.96	5.99	4.48	149.2	0.07	42.39
3.451	30.41	6.96	4.46	4.49	146.46	0.09	42.4
3.457	30.41	6.96	3.59	4.45	148.44	0.07	42.4
3.466	30.41	6.96	3.66	4.45	145.28	0.07	42.4
3.471	30.41	6.96	3.47	4.54	146.87	0.12	42.4
3.491	30.41	6.96	3.7	4.6	143.47	0.05	42.4
3.522	30.41	6.96	3.51	4.66	141.26	0.11	42.4

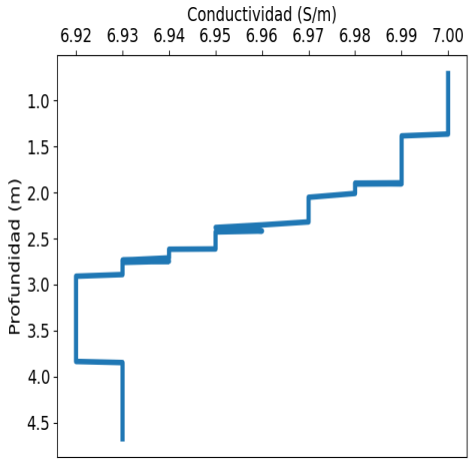
3.536	30.41	6.96	5.0	4.63	142.67	0.06	42.4
3.539	30.41	6.96	3.74	4.61	141.36	0.06	42.4
3.559	30.41	6.96	3.55	4.56	140.18	0.06	42.4
3.577	30.41	6.96	3.62	4.5	139.18	0.02	42.4
3.582	30.41	6.96	3.47	4.41	137.8	0.0	42.4
3.587	30.41	6.96	3.78	4.32	136.31	0.0	42.4
3.598	30.41	6.96	3.51	4.25	134.67	0.04	42.4
3.612	30.41	6.96	3.59	4.21	135.58	0.01	42.4
3.623	30.41	6.96	3.4	4.18	134.33	0.03	42.4
3.624	30.41	6.96	3.36	4.15	131.86	0.0	42.4
3.63	30.42	6.96	3.28	4.19	131.01	0.0	42.4
3.64	30.42	6.96	3.32	4.21	129.77	0.0	42.4
3.656	30.41	6.96	3.51	4.2	128.28	0.0	42.4
3.678	30.41	6.96	3.43	4.18	124.76	0.0	42.4
3.699	30.41	6.96	3.05	4.14	123.84	0.03	42.4
3.712	30.41	6.96	3.4	4.09	124.41	0.05	42.4
3.716	30.41	6.96	3.7	4.03	124.21	0.05	42.4
3.717	30.42	6.96	3.55	3.97	123.61	0.06	42.41
3.718	30.42	6.97	3.4	3.98	122.81	0.08	42.41
3.727	30.42	6.97	3.47	4.05	121.17	0.14	42.41
3.748	30.42	6.97	3.28	4.17	120.08	0.11	42.41
3.766	30.42	6.97	3.36	4.32	118.75	0.04	42.41
3.776	30.42	6.97	3.09	4.48	119.0	0.12	42.41
3.779	30.42	6.97	3.13	4.61	119.11	0.06	42.41
3.789	30.42	6.97	3.01	4.72	116.7	0.11	42.41
3.817	30.42	6.97	3.17	4.78	113.84	0.17	42.41
3.825	30.42	6.97	3.05	4.8	114.37	0.13	42.42
3.848	30.42	6.97	3.24	4.76	111.31	0.15	42.42
3.89	30.42	6.97	2.75	4.74	108.36	0.12	42.41
3.915	30.43	6.97	2.67	4.82	108.31	0.13	42.42
3.937	30.43	6.97	2.9	4.82	104.75	0.17	42.42
3.979	30.43	6.97	2.9	4.83	101.69	0.14	42.42
4.016	30.43	6.97	2.78	4.85	101.27	0.12	42.42
4.025	30.42	6.97	2.67	4.81	101.27	0.13	42.42
4.039	30.42	6.97	2.78	4.78	99.68	0.14	42.42
4.059	30.42	6.97	2.86	4.79	98.81	0.11	42.42
4.069	30.42	6.97	2.78	4.81	99.06	0.12	42.42
4.073	30.42	6.97	2.82	4.81	99.09	0.17	42.42
4.081	30.42	6.97	2.71	4.82	98.54	0.16	42.42
4.094	30.42	6.97	2.82	4.83	97.24	0.16	42.42
4.111	30.42	6.97	2.9	4.86	96.1	0.13	42.42
4.131	30.42	6.97	2.71	4.89	95.24	0.15	42.42
4.139	30.42	6.97	2.9	4.88	95.7	0.15	42.42
4.142	30.42	6.97	2.86	4.87	95.19	0.13	42.42
4.147	30.42	6.97	2.71	4.88	94.71	0.15	42.42
4.16	30.42	6.97	2.75	4.89	93.66	0.15	42.42
4.181	30.42	6.97	2.82	4.9	92.56	0.15	42.42
4.208	30.42	6.97	2.78	4.9	90.56	0.14	42.42
4.237	30.41	6.97	2.71	4.86	89.87	0.12	42.42
4.249	30.41	6.97	2.94	4.86	88.59	0.18	42.43
4.282	30.41	6.97	2.82	4.86	86.34	0.21	42.43
4.323	30.41	6.97	2.82	4.88	85.01	0.07	42.43
4.335	30.41	6.97	3.62	4.82	85.07	0.0	42.43
4.338	30.41	6.97	2.86	4.74	84.68	0.1	42.43
4.346	30.41	6.97	2.48	4.66	84.32	0.07	42.43
4.358	30.41	6.97	2.67	4.58	83.62	0.08	42.43
4.368	30.41	6.97	2.94	4.47	82.91	0.08	42.43
4.376	30.41	6.97	2.98	4.39	82.85	0.08	42.43

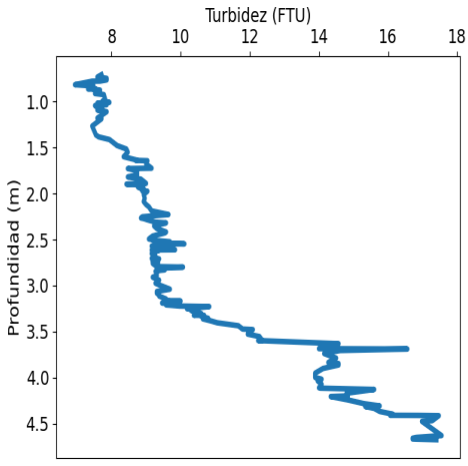
4.377	30.41	6.97	2.59	4.47	83.16	0.1	42.43
4.379	30.4	6.97	2.78	4.56	82.47	0.15	42.43
4.398	30.4	6.97	2.63	4.65	81.2	0.13	42.44
4.423	30.4	6.97	3.55	4.82	80.67	0.16	42.44
4.449	30.4	6.97	2.82	4.76	79.5	0.17	42.44
4.483	30.4	6.97	2.48	4.72	78.06	0.09	42.45
4.513	30.4	6.97	2.56	4.71	77.57	0.12	42.45
4.528	30.39	6.97	2.36	4.74	77.29	0.08	42.45
4.531	30.39	6.97	2.78	4.78	77.48	0.1	42.45
4.542	30.39	6.97	2.63	4.8	76.47	0.12	42.46
4.556	30.39	6.97	2.78	4.79	76.54	0.14	42.46
4.568	30.39	6.97	2.56	4.76	75.96	0.09	42.46
4.579	30.39	6.97	3.85	4.75	75.66	0.13	42.46
4.588	30.39	6.97	2.71	4.76	75.71	0.12	42.46
4.591	30.39	6.97	2.56	4.78	75.39	0.08	42.46
4.6	30.39	6.97	2.33	4.82	74.66	0.11	42.46
4.628	30.39	6.97	2.48	4.83	73.29	0.16	42.46
4.661	30.39	6.97	3.13	4.87	72.6	0.11	42.46
4.663	30.39	6.97	3.01	4.95	73.39	0.13	42.47
4.668	30.39	6.97	2.52	4.96	72.78	0.17	42.47
4.686	30.39	6.97	2.67	4.97	71.94	0.16	42.47
4.706	30.39	6.97	3.66	4.99	71.7	0.11	42.47
4.725	30.39	6.97	2.71	5.01	70.82	0.15	42.47
4.74	30.39	6.97	3.05	5.04	70.95	0.14	42.47
4.751	30.39	6.97	2.75	5.07	70.48	0.15	42.47
4.765	30.39	6.97	2.75	5.07	70.23	0.15	42.47
4.776	30.39	6.97	2.94	5.08	70.13	0.11	42.47
4.784	30.38	6.97	2.75	5.07	70.17	0.13	42.47
4.789	30.38	6.97	2.4	5.07	70.23	0.15	42.47
4.792	30.38	6.97	2.36	5.08	69.94	0.17	42.47
4.801	30.39	6.97	2.67	5.09	69.55	0.19	42.47
4.813	30.38	6.97	2.82	5.09	69.41	0.16	42.47
4.828	30.38	6.97	2.71	5.1	68.46	0.17	42.47
4.849	30.38	6.97	2.78	5.09	67.69	0.2	42.47
4.861	30.39	6.97	3.05	5.14	68.35	0.17	42.47
4.872	30.39	6.97	3.36	5.13	67.42	0.18	42.47
4.895	30.39	6.97	3.32	5.12	66.72	0.17	42.47
4.919	30.39	6.97	2.63	5.14	66.0	0.15	42.47
4.935	30.39	6.97	3.24	5.16	65.79	0.14	42.47
4.947	30.39	6.97	3.89	5.16	65.41	0.16	42.47
4.959	30.39	6.97	3.55	5.14	64.21	0.2	42.47
4.968	30.39	6.97	3.2	5.1	65.12	0.1	42.47
4.969	30.39	6.97	2.94	5.13	64.79	0.1	42.47
4.978	30.39	6.97	2.63	5.15	64.68	0.17	42.47
4.985	30.39	6.97	2.75	5.17	64.92	0.1	42.47

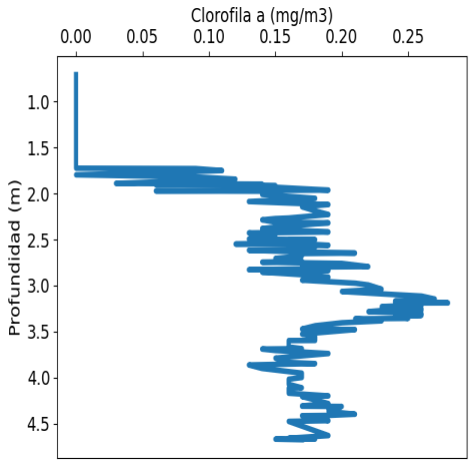
Nombre: CTD E07 - Punto 021 **Fecha: 01/08/2022** **Hora: 11:08:32**

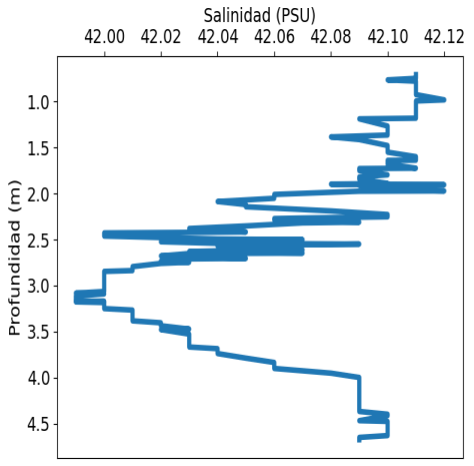


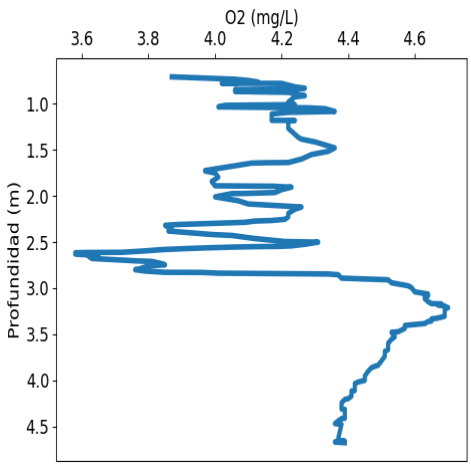


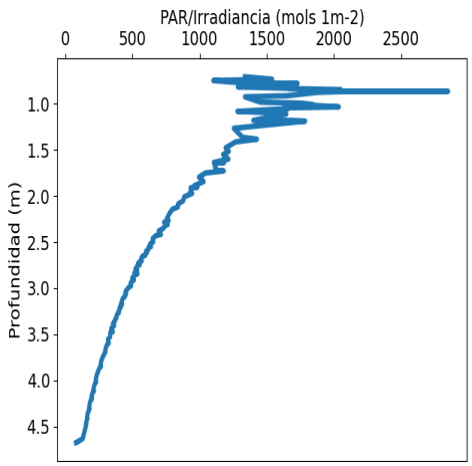












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.49	6.92	6.94	3.58	78.92	0.0	41.99
PROF (metros)	3.472	2.909	0.818	2.616	4.674	0.709	3.082
MÁXIMO	31.06	31.06	17.55	4.7	2849.4	0.28	42.12
PROF (metros)	1.045	0.709	4.629	3.21	0.866	3.188	0.983

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	31.04	7.0	7.57	4.15	1680.88	0.0	42.11
1 - 2m	30.99	6.99	8.33	4.17	1251.46	0.04	42.1
2 - 3m	30.69	6.95	9.31	4.03	633.78	0.17	42.04
3 - 4m	30.51	6.92	11.38	4.6	361.63	0.21	42.02
4 - 5m	30.52	6.93	15.74	4.39	165.85	0.18	42.09

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)
0.709	31.05	7.0	7.71	3.87	1336.6	0.0	42.11
0.735	31.05	7.0	7.59	4.06	1538.9	0.0	42.11
0.749	31.05	7.0	7.86	4.1	1100.7	0.0	42.11
0.766	31.05	7.0	7.86	4.13	1243.1	0.0	42.1
0.779	31.05	7.0	7.67	4.02	1632.6	0.0	42.11
0.78	31.04	7.0	7.44	4.2	1728.4	0.0	42.11
0.818	31.04	7.0	6.94	4.24	1283.5	0.0	42.11
0.832	31.04	7.0	7.48	4.27	1645.5	0.0	42.11
0.837	31.04	7.0	7.36	4.26	1666.6	0.0	42.11
0.848	31.04	7.0	7.4	4.06	2051.3	0.0	42.11
0.865	31.04	7.0	7.32	4.08	2032.3	0.0	42.11
0.866	31.04	7.0	7.55	4.22	2849.4	0.0	42.11
0.868	31.04	7.0	7.48	4.06	2075.2	0.0	42.11
0.877	31.04	7.0	7.67	4.22	1876.6	0.0	42.11
0.914	31.04	7.0	7.52	4.27	1650.8	0.0	42.11
0.926	31.03	7.0	7.78	4.24	1336.3	0.0	42.11
0.983	31.03	7.0	7.82	4.22	1451.9	0.0	42.12
0.995	31.03	7.0	7.74	4.23	1756.2	0.0	42.11
1.01	31.03	7.0	7.94	4.24	1842.6	0.0	42.11
1.018	31.03	7.0	7.59	4.03	1837.0	0.0	42.11
1.035	31.02	7.0	7.86	4.01	2035.6	0.0	42.11
1.045	31.06	7.0	7.52	4.28	1626.5	0.0	42.11
1.054	31.06	7.0	7.55	4.33	1656.6	0.0	42.11
1.084	31.06	7.0	7.74	4.36	1280.2	0.0	42.11
1.094	31.06	7.0	7.59	4.22	1472.6	0.0	42.11
1.112	31.06	7.0	7.86	4.17	1645.5	0.0	42.11
1.181	31.06	7.0	7.59	4.17	1399.1	0.0	42.11
1.182	31.06	7.0	7.71	4.24	1684.1	0.0	42.11
1.189	31.06	7.0	7.71	4.22	1785.0	0.0	42.09
1.267	31.05	7.0	7.44	4.22	1253.8	0.0	42.1
1.365	31.04	7.0	7.55	4.25	1319.1	0.0	42.1
1.385	31.02	6.99	7.63	4.26	1425.6	0.0	42.08
1.414	31.01	6.99	7.94	4.3	1268.4	0.0	42.09
1.479	31.0	6.99	8.16	4.36	1192.3	0.0	42.1
1.517	31.0	6.99	8.43	4.34	1216.6	0.0	42.1
1.551	30.99	6.99	8.47	4.29	1173.6	0.0	42.1
1.6	30.99	6.99	8.35	4.26	1214.3	0.0	42.11

1.638	30.98	6.99	8.74	4.22	1104.5	0.0	42.11
1.64	30.98	6.99	8.7	4.15	1181.3	0.0	42.1
1.644	30.98	6.99	9.04	4.11	1128.3	0.0	42.1
1.679	30.97	6.99	9.0	4.05	1111.9	0.0	42.1
1.725	30.96	6.99	9.16	3.97	1130.1	0.0	42.11
1.729	30.96	6.99	8.47	3.97	1178.8	0.09	42.09
1.751	30.95	6.99	8.74	4.0	1042.8	0.11	42.09
1.797	30.95	6.99	8.74	4.01	993.95	0.0	42.1
1.82	30.96	6.99	8.47	4.0	1015.1	0.09	42.09
1.844	30.96	6.99	8.85	3.99	1028.9	0.12	42.09
1.89	30.96	6.99	9.0	4.0	958.21	0.03	42.1
1.895	30.96	6.99	8.58	4.18	979.32	0.1	42.09
1.898	30.94	6.98	8.43	4.19	982.04	0.14	42.08
1.905	30.92	6.99	8.93	4.23	981.36	0.06	42.12
1.908	30.92	6.98	8.93	4.22	982.04	0.13	42.09
1.913	30.92	6.98	8.74	4.22	931.49	0.15	42.09
1.932	30.91	6.98	8.77	4.2	937.34	0.15	42.1
1.963	30.9	6.98	8.96	4.18	928.05	0.19	42.11
1.972	30.89	6.98	8.89	4.1	944.54	0.06	42.12
1.975	30.9	6.98	9.04	4.05	938.21	0.14	42.09
2.01	30.89	6.98	8.93	4.0	884.37	0.14	42.06
2.052	30.88	6.97	8.96	4.07	876.82	0.18	42.06
2.087	30.87	6.97	8.93	4.1	838.85	0.13	42.04
2.12	30.85	6.97	9.0	4.26	837.68	0.19	42.05
2.144	30.84	6.97	9.08	4.24	796.22	0.17	42.05
2.189	30.83	6.97	9.16	4.22	774.92	0.18	42.08
2.228	30.82	6.97	9.65	4.22	761.39	0.19	42.1
2.253	30.82	6.97	8.89	4.21	752.97	0.17	42.1
2.266	30.82	6.97	8.85	4.17	768.66	0.16	42.07
2.272	30.82	6.97	8.93	4.12	765.64	0.15	42.06
2.286	30.82	6.97	9.04	4.09	734.52	0.14	42.06
2.311	30.81	6.97	9.27	3.88	761.39	0.15	42.09
2.319	30.81	6.97	9.58	3.85	742.22	0.19	42.07
2.352	30.77	6.96	9.23	3.87	729.26	0.16	42.05
2.38	30.76	6.95	9.31	3.86	694.62	0.14	42.03
2.418	30.77	6.96	9.58	3.99	711.07	0.19	42.05
2.428	30.76	6.95	9.54	4.05	675.57	0.13	42.0
2.462	30.74	6.95	9.19	4.12	649.31	0.15	42.0
2.494	30.72	6.95	9.08	4.21	654.3	0.13	42.04
2.501	30.72	6.95	9.19	4.31	652.18	0.18	42.07
2.507	30.73	6.95	9.19	4.3	641.68	0.16	42.04
2.524	30.73	6.95	9.69	4.27	629.6	0.15	42.02
2.541	30.71	6.95	9.69	4.23	626.55	0.13	42.04
2.547	30.7	6.95	10.11	4.19	634.44	0.13	42.08
2.549	30.69	6.95	9.46	4.13	637.53	0.12	42.09
2.554	30.69	6.95	9.46	4.06	624.95	0.18	42.08
2.562	30.69	6.95	9.38	3.98	617.46	0.19	42.05
2.571	30.68	6.95	9.16	3.91	617.03	0.16	42.04
2.582	30.67	6.95	9.5	3.84	616.61	0.18	42.05
2.598	30.66	6.95	9.5	3.78	600.67	0.17	42.06
2.611	30.66	6.95	9.84	3.72	599.55	0.16	42.07
2.613	30.66	6.95	9.16	3.61	607.39	0.16	42.07
2.616	30.66	6.94	9.38	3.58	600.67	0.13	42.05
2.63	30.65	6.94	9.23	3.58	596.64	0.16	42.03
2.647	30.63	6.94	9.27	3.65	592.51	0.21	42.07
2.652	30.63	6.94	9.16	3.62	573.06	0.17	42.03
2.678	30.63	6.94	9.27	3.63	564.23	0.17	42.02
2.705	30.62	6.94	9.16	3.77	568.3	0.15	42.05

2.71	30.62	6.94	9.38	3.81	553.99	0.16	42.03
2.734	30.62	6.93	9.19	3.84	539.55	0.17	42.02
2.746	30.61	6.94	9.35	3.85	553.09	0.14	42.03
2.759	30.61	6.93	9.19	3.8	535.43	0.2	42.02
2.794	30.61	6.93	9.31	3.77	520.87	0.22	42.01
2.799	30.6	6.93	10.07	3.76	533.08	0.17	42.01
2.814	30.59	6.93	9.31	3.79	531.11	0.19	42.01
2.828	30.59	6.93	9.35	3.85	535.06	0.13	42.01
2.829	30.58	6.93	9.54	3.96	525.72	0.16	42.01
2.837	30.58	6.93	9.35	4.01	512.13	0.19	42.01
2.846	30.57	6.93	9.27	4.34	535.81	0.17	42.0
2.854	30.57	6.93	9.31	4.37	519.06	0.14	42.0
2.891	30.57	6.93	9.31	4.38	497.27	0.18	42.0
2.909	30.56	6.92	9.19	4.52	510.71	0.19	42.0
2.941	30.56	6.92	9.38	4.53	485.66	0.17	42.0
2.974	30.55	6.92	9.27	4.58	488.82	0.21	42.0
2.993	30.55	6.92	9.38	4.59	469.93	0.22	42.0
3.039	30.55	6.92	9.69	4.6	446.36	0.23	42.0
3.064	30.54	6.92	9.31	4.64	451.88	0.2	42.0
3.082	30.54	6.92	9.31	4.64	441.94	0.22	41.99
3.09	30.53	6.92	9.35	4.63	442.14	0.23	42.0
3.114	30.53	6.92	9.38	4.63	425.75	0.26	41.99
3.146	30.54	6.92	9.58	4.64	419.29	0.27	41.99
3.167	30.53	6.92	9.54	4.65	421.92	0.27	41.99
3.168	30.53	6.92	10.0	4.67	418.03	0.24	41.99
3.169	30.53	6.92	9.54	4.67	414.26	0.27	42.0
3.17	30.52	6.92	9.69	4.68	417.44	0.27	42.0
3.177	30.52	6.92	9.69	4.67	416.29	0.26	41.99
3.184	30.52	6.92	9.8	4.67	415.23	0.24	42.0
3.188	30.52	6.92	9.46	4.68	412.44	0.28	42.0
3.189	30.52	6.92	9.46	4.68	417.06	0.25	42.0
3.192	30.52	6.92	9.61	4.69	411.87	0.26	42.0
3.204	30.52	6.92	9.69	4.69	405.24	0.26	42.0
3.21	30.52	6.92	9.58	4.7	410.35	0.24	42.0
3.213	30.52	6.92	9.69	4.7	407.41	0.26	42.0
3.222	30.52	6.92	9.96	4.69	404.96	0.24	42.0
3.228	30.52	6.92	10.83	4.69	403.18	0.23	42.0
3.234	30.52	6.92	10.68	4.69	400.76	0.23	42.0
3.25	30.52	6.92	10.18	4.69	395.68	0.26	42.0
3.266	30.5	6.92	10.45	4.69	397.34	0.26	42.01
3.271	30.5	6.92	10.3	4.69	392.12	0.23	42.01
3.283	30.5	6.92	10.45	4.69	386.08	0.22	42.01
3.304	30.5	6.92	10.6	4.69	379.6	0.26	42.01
3.322	30.5	6.92	10.38	4.67	379.95	0.25	42.01
3.323	30.5	6.92	10.68	4.67	378.55	0.26	42.01
3.334	30.5	6.92	10.6	4.65	372.11	0.24	42.01
3.356	30.5	6.92	10.8	4.65	365.27	0.25	42.01
3.361	30.5	6.92	10.64	4.64	366.46	0.21	42.01
3.383	30.5	6.92	10.87	4.63	353.28	0.23	42.01
3.404	30.5	6.92	11.06	4.57	363.59	0.2	42.02
3.436	30.5	6.92	11.67	4.57	340.58	0.18	42.02
3.472	30.49	6.92	11.79	4.55	352.88	0.17	42.03
3.478	30.49	6.92	12.09	4.53	334.48	0.21	42.02
3.527	30.49	6.92	11.94	4.54	332.86	0.17	42.03
3.554	30.49	6.92	12.28	4.53	316.6	0.18	42.03
3.596	30.49	6.92	12.36	4.52	322.83	0.18	42.03
3.597	30.49	6.92	12.24	4.52	314.63	0.16	42.03
3.631	30.49	6.92	14.57	4.52	303.74	0.16	42.03

3.667	30.49	6.92	14.04	4.52	297.53	0.16	42.03
3.685	30.49	6.92	14.0	4.51	299.4	0.17	42.04
3.689	30.49	6.92	16.56	4.51	297.6	0.14	42.04
3.705	30.49	6.92	14.61	4.51	292.34	0.15	42.04
3.738	30.49	6.92	14.15	4.51	279.87	0.19	42.04
3.788	30.49	6.92	14.5	4.5	266.89	0.15	42.05
3.835	30.49	6.92	14.27	4.49	260.83	0.16	42.06
3.847	30.49	6.93	14.57	4.48	265.34	0.18	42.06
3.862	30.5	6.93	14.57	4.47	254.5	0.13	42.06
3.9	30.5	6.93	14.12	4.46	243.14	0.14	42.06
3.951	30.5	6.93	13.89	4.45	231.22	0.17	42.08
3.998	30.5	6.93	13.89	4.45	225.45	0.17	42.09
4.017	30.51	6.93	14.08	4.43	229.14	0.16	42.09
4.034	30.51	6.93	13.96	4.42	219.21	0.16	42.09
4.072	30.51	6.93	14.08	4.42	211.04	0.16	42.09
4.11	30.51	6.93	14.0	4.42	207.06	0.17	42.09
4.114	30.51	6.93	14.04	4.41	213.45	0.16	42.09
4.128	30.51	6.93	15.6	4.41	203.45	0.16	42.09
4.169	30.51	6.93	14.8	4.41	193.56	0.16	42.09
4.198	30.52	6.93	14.84	4.4	198.01	0.19	42.09
4.205	30.52	6.93	14.34	4.39	190.71	0.17	42.09
4.242	30.52	6.93	14.84	4.38	182.24	0.18	42.09
4.282	30.52	6.93	15.3	4.38	177.16	0.19	42.09
4.307	30.52	6.93	15.76	4.38	177.16	0.17	42.09
4.31	30.52	6.93	15.64	4.38	179.22	0.17	42.09
4.313	30.52	6.93	15.34	4.39	176.71	0.2	42.09
4.334	30.52	6.93	15.6	4.39	170.79	0.19	42.09
4.367	30.52	6.93	15.76	4.39	164.38	0.19	42.09
4.397	30.52	6.93	16.14	4.39	161.66	0.21	42.1
4.409	30.52	6.93	16.06	4.39	162.98	0.19	42.1
4.41	30.52	6.93	16.86	4.39	164.8	0.19	42.1
4.413	30.52	6.93	17.47	4.38	161.44	0.17	42.1
4.467	30.52	6.93	17.28	4.36	152.74	0.19	42.09
4.475	30.52	6.93	16.98	4.38	155.23	0.16	42.1
4.629	30.52	6.93	17.55	4.37	129.44	0.19	42.1
4.649	30.52	6.93	16.82	4.37	109.04	0.17	42.09
4.658	30.52	6.93	16.71	4.39	97.2	0.16	42.09
4.666	30.52	6.93	16.71	4.36	88.67	0.18	42.09
4.668	30.52	6.93	16.82	4.36	88.47	0.15	42.09
4.674	30.52	6.93	17.4	4.39	78.92	0.17	42.09