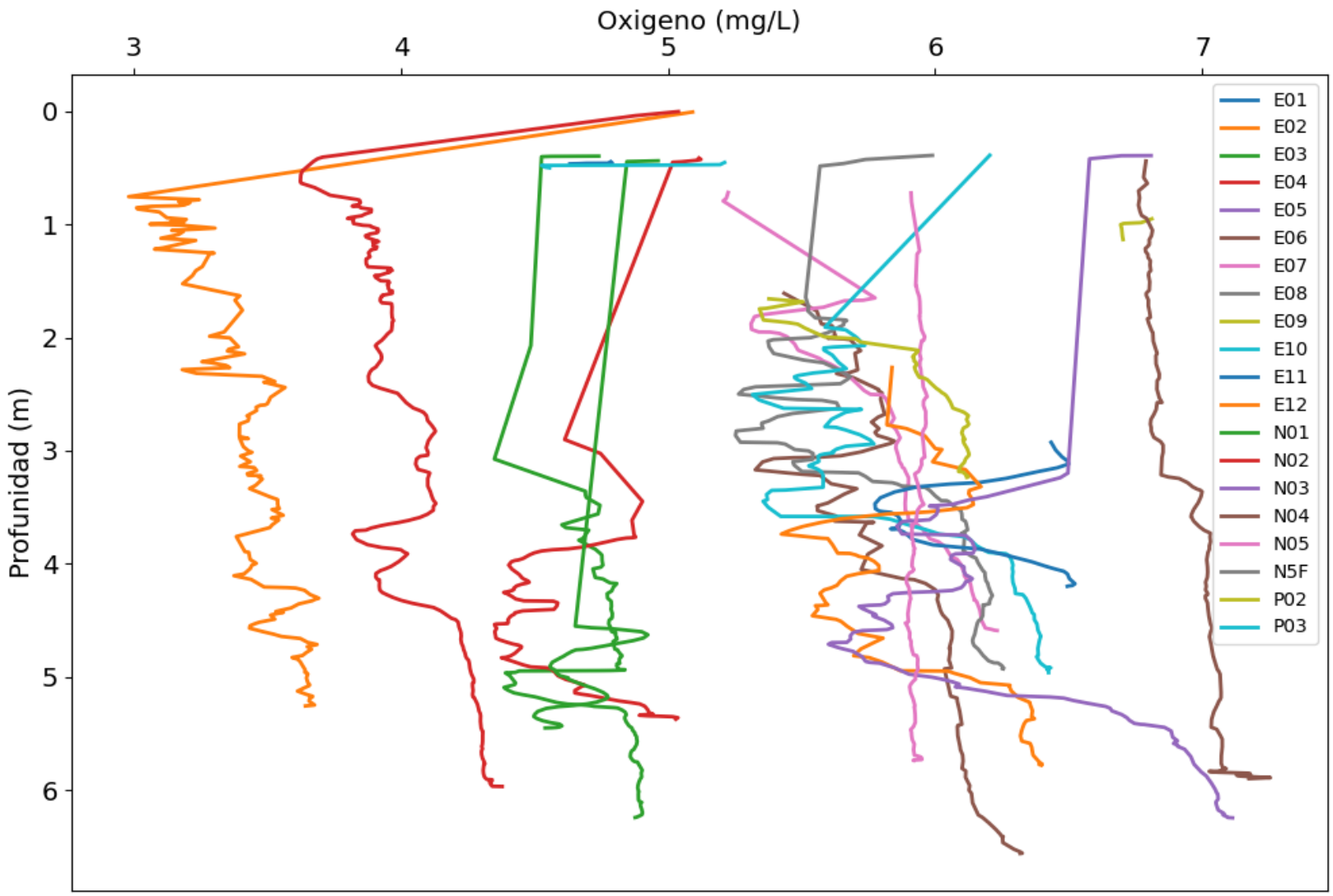
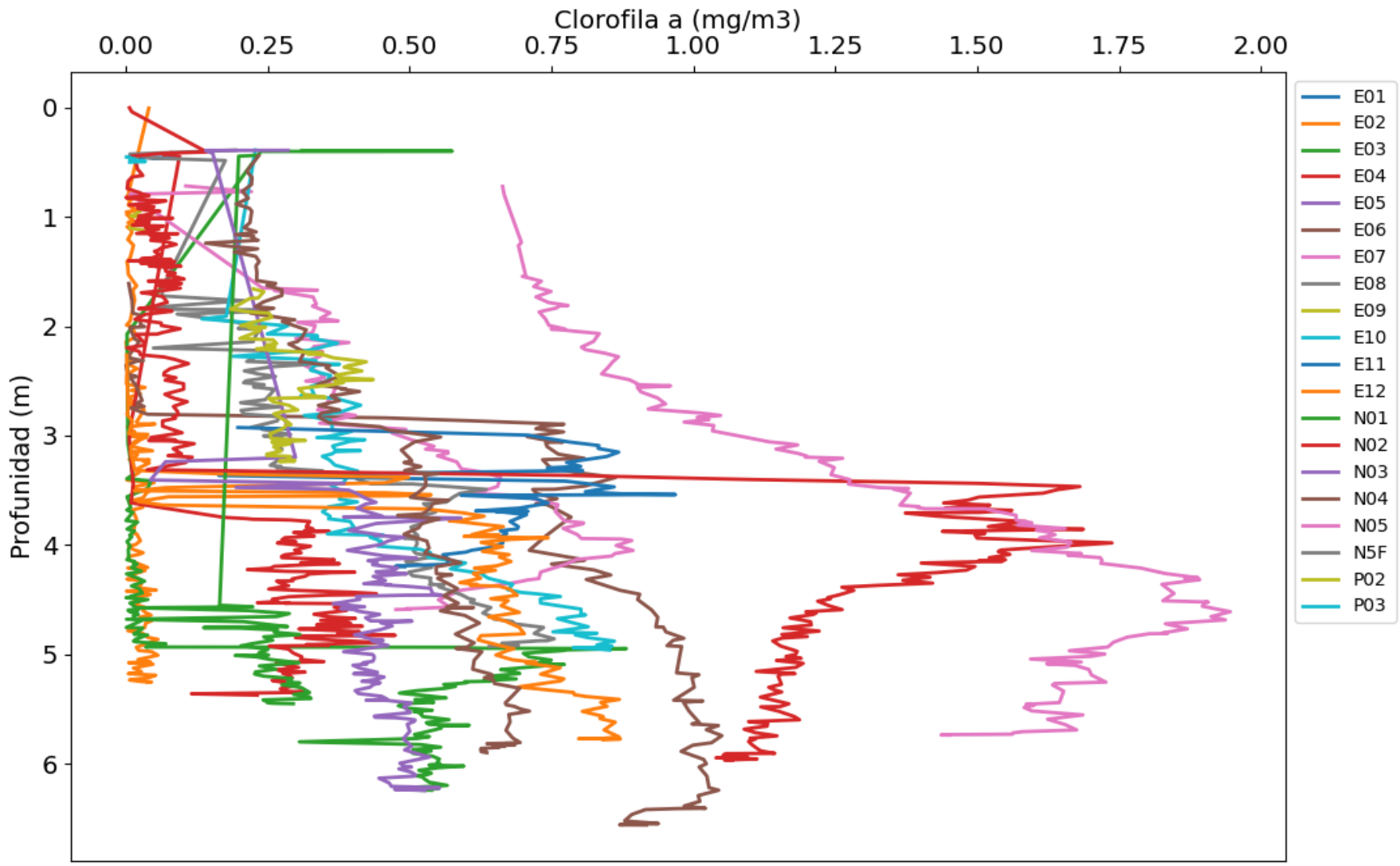
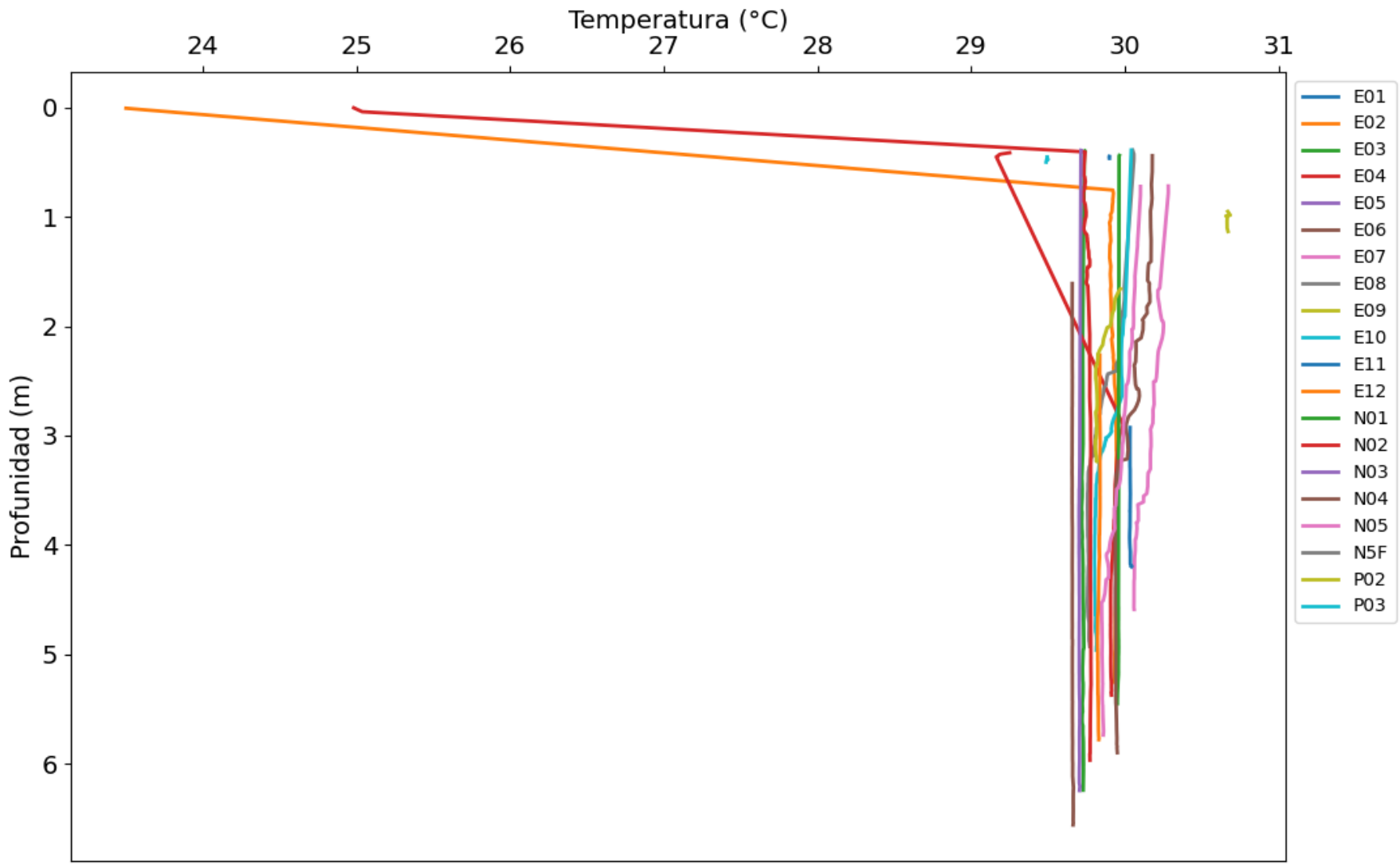
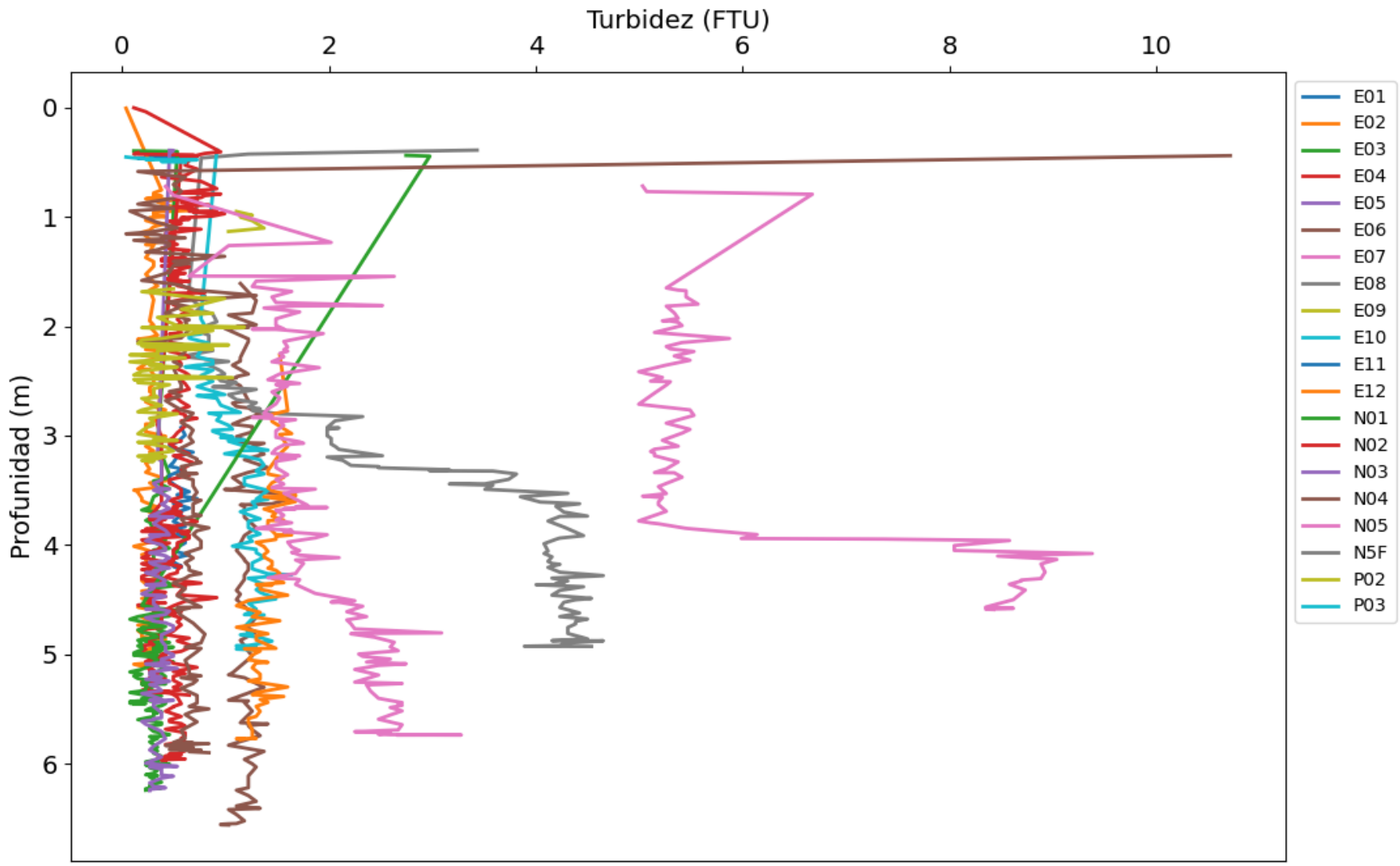
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20220718**

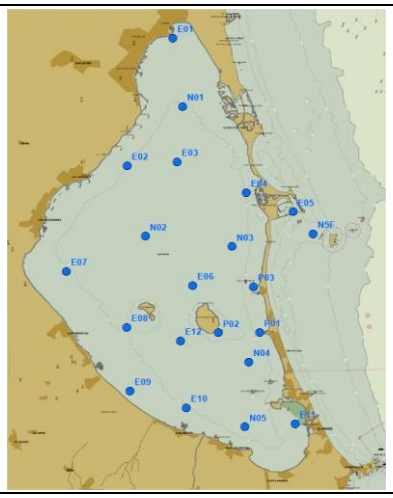


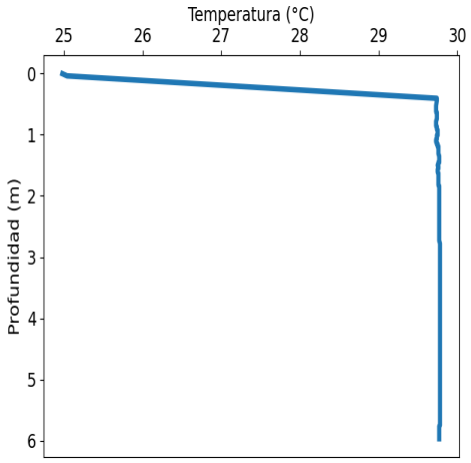

Clorofila a (mg/m3)
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
Profunidad (m)
0
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P02
P03

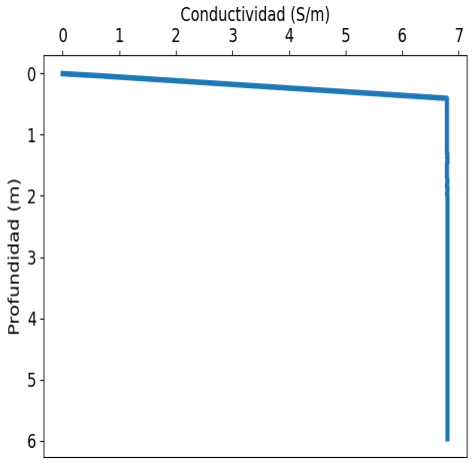

Temperatura (°C)
24
25
26
27
28
29
30
31
Profunidad (m)
0
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P02
P03

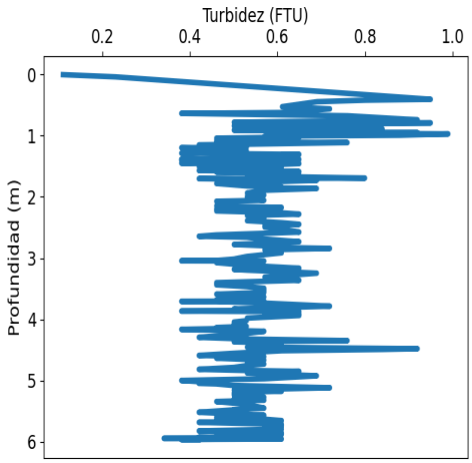

Turbidez (FTU)
0
2
4
6
8
10
Profunidad (m)
0
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P02
P03

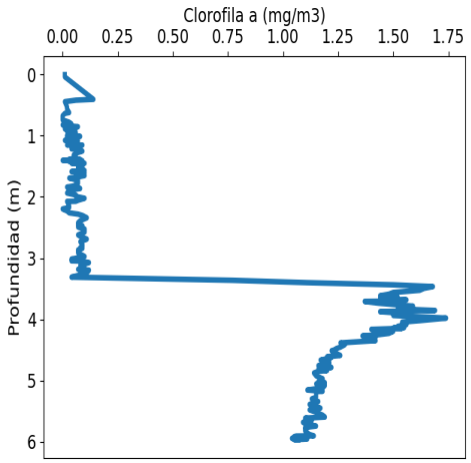
Nombre: CTD N02 - Punto 001 **Fecha: 18/07/2022** **Hora: 06:07:52**

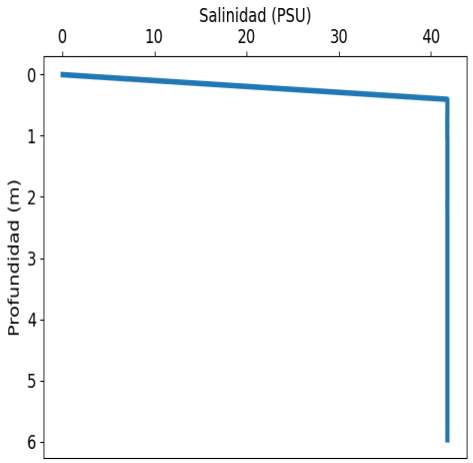


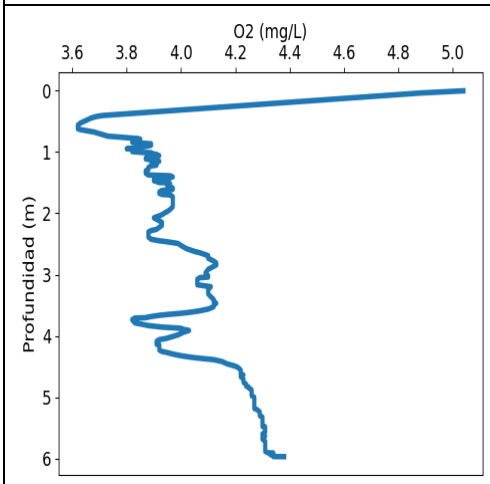


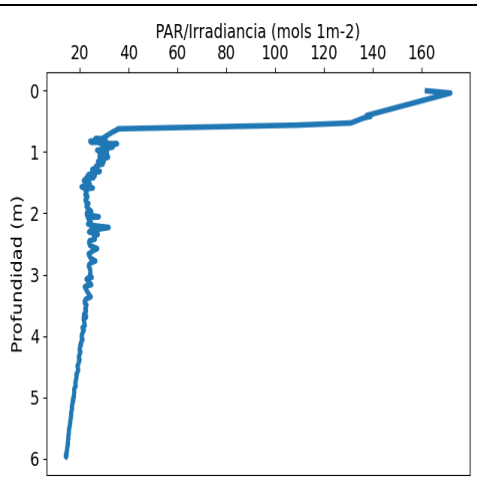












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	24.98	0.0	0.11	3.62	14.22	0.0	0.02
PROF (metros)	0.003	0.003	0.003	0.622	5.961	0.675	0.003
MÁXIMO	29.78	29.78	0.99	5.04	171.7	1.74	41.8
PROF (metros)	2.778	1.315	0.971	0.003	0.039	3.981	1.515

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	29.42	6.36	0.68	3.86	56.04	0.03	39.12
1 - 2m	29.76	6.79	0.54	3.93	25.18	0.06	41.79
2 - 3m	29.77	6.8	0.56	3.99	24.93	0.07	41.79
3 - 4m	29.78	6.8	0.54	4.02	22.48	1.06	41.79
4 - 5m	29.78	6.8	0.55	4.1	19.35	1.32	41.79
5 - 6m	29.78	6.8	0.51	4.3	15.65	1.13	41.79

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m con los valores 3.86, 3.93, 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)
0.003	24.98	0.0	0.11	5.04	162.0	0.01	0.02
0.039	25.04	0.68	0.23	4.88	171.7	0.01	3.72
0.406	29.74	6.79	0.95	3.71	137.35	0.14	41.79
0.42	29.74	6.79	0.8	3.69	139.02	0.06	41.79
0.445	29.74	6.79	0.69	3.67	136.24	0.01	41.79
0.527	29.73	6.79	0.61	3.63	130.95	0.02	41.79
0.562	29.73	6.79	0.72	3.62	109.12	0.02	41.79
0.622	29.73	6.79	0.61	3.62	35.66	0.03	41.79
0.636	29.74	6.79	0.38	3.63	35.38	0.01	41.79
0.675	29.74	6.79	0.76	3.68	33.42	0.0	41.78
0.742	29.74	6.79	0.92	3.73	30.72	0.0	41.78
0.781	29.73	6.79	0.5	3.84	29.23	0.03	41.77
0.786	29.73	6.79	0.84	3.84	26.27	0.03	41.77
0.791	29.73	6.79	0.95	3.85	27.84	0.03	41.78
0.806	29.73	6.79	0.8	3.85	30.63	0.04	41.78
0.824	29.73	6.79	0.76	3.84	24.24	0.0	41.77
0.834	29.73	6.79	0.61	3.82	28.52	0.01	41.77
0.839	29.73	6.79	0.5	3.82	24.57	0.02	41.77
0.841	29.73	6.79	0.72	3.84	29.28	0.03	41.79
0.854	29.73	6.79	0.65	3.85	28.05	0.07	41.79
0.867	29.74	6.79	0.57	3.89	35.29	0.06	41.79
0.89	29.74	6.79	0.84	3.89	31.61	0.01	41.77
0.909	29.74	6.79	0.5	3.87	33.67	0.05	41.78
0.924	29.75	6.79	0.65	3.85	33.3	0.02	41.78
0.94	29.75	6.79	0.72	3.81	29.5	0.04	41.78
0.948	29.75	6.79	0.65	3.8	28.79	0.06	41.78
0.951	29.75	6.79	0.92	3.82	31.44	0.05	41.78
0.956	29.75	6.79	0.69	3.82	30.85	0.05	41.78
0.971	29.75	6.79	0.99	3.82	27.04	0.05	41.78
0.993	29.75	6.79	0.88	3.82	29.57	0.02	41.78
1.008	29.75	6.79	0.57	3.86	29.46	0.05	41.78
1.012	29.74	6.79	0.61	3.89	31.05	0.08	41.79
1.022	29.74	6.79	0.65	3.89	28.13	0.02	41.78
1.041	29.74	6.79	0.46	3.91	29.9	0.04	41.79

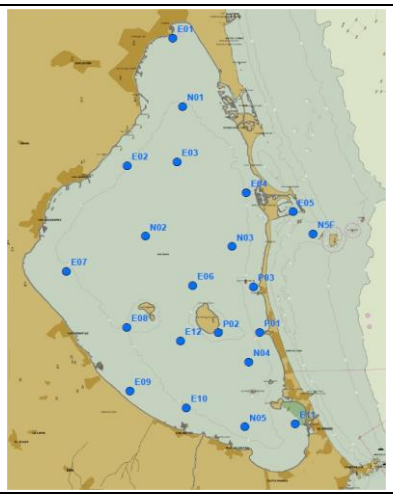
1.045	29.74	6.79	0.5	3.91	31.22	0.02	41.79
1.06	29.74	6.79	0.57	3.92	31.28	0.04	41.79
1.073	29.74	6.79	0.5	3.91	28.11	0.02	41.79
1.076	29.74	6.79	0.5	3.91	28.04	0.01	41.79
1.084	29.73	6.79	0.46	3.89	31.65	0.07	41.79
1.1	29.73	6.79	0.46	3.87	30.07	0.04	41.79
1.113	29.73	6.79	0.76	3.87	28.13	0.06	41.79
1.152	29.74	6.79	0.42	3.92	29.85	0.02	41.79
1.154	29.75	6.79	0.5	3.89	27.41	0.09	41.79
1.166	29.75	6.79	0.5	3.9	27.64	0.04	41.79
1.19	29.75	6.79	0.53	3.9	28.65	0.07	41.79
1.193	29.76	6.79	0.46	3.9	29.27	0.08	41.79
1.197	29.76	6.79	0.38	3.91	29.43	0.05	41.79
1.215	29.76	6.79	0.46	3.91	27.39	0.04	41.79
1.225	29.76	6.79	0.5	3.89	27.4	0.06	41.79
1.228	29.76	6.79	0.46	3.89	26.71	0.07	41.79
1.252	29.76	6.79	0.53	3.88	26.78	0.09	41.79
1.286	29.76	6.79	0.38	3.88	25.05	0.06	41.79
1.306	29.76	6.79	0.65	3.87	26.72	0.06	41.79
1.315	29.76	6.8	0.61	3.87	28.28	0.05	41.79
1.348	29.77	6.8	0.57	3.87	25.17	0.06	41.79
1.375	29.77	6.79	0.61	3.88	23.34	0.05	41.79
1.385	29.77	6.8	0.38	3.95	24.78	0.03	41.79
1.388	29.77	6.8	0.65	3.96	26.14	0.08	41.79
1.396	29.77	6.8	0.38	3.96	26.03	0.04	41.79
1.403	29.77	6.8	0.38	3.96	25.36	0.0	41.79
1.407	29.77	6.8	0.61	3.97	23.62	0.06	41.79
1.41	29.77	6.8	0.5	3.95	22.95	0.09	41.79
1.418	29.77	6.8	0.53	3.96	24.62	0.05	41.79
1.423	29.77	6.8	0.53	3.96	25.48	0.03	41.79
1.424	29.77	6.8	0.57	3.96	24.8	0.05	41.79
1.429	29.77	6.8	0.5	3.95	23.37	0.08	41.79
1.438	29.77	6.8	0.46	3.94	22.29	0.07	41.79
1.449	29.77	6.8	0.38	3.92	22.26	0.04	41.79
1.451	29.77	6.8	0.53	3.9	23.79	0.1	41.79
1.454	29.77	6.8	0.57	3.9	23.28	0.05	41.79
1.456	29.76	6.79	0.65	3.9	23.33	0.08	41.79
1.468	29.76	6.79	0.61	3.9	21.59	0.07	41.79
1.498	29.75	6.79	0.5	3.92	22.87	0.07	41.79
1.502	29.75	6.79	0.42	3.95	22.54	0.07	41.79
1.515	29.76	6.79	0.61	3.96	24.09	0.09	41.8
1.534	29.76	6.79	0.5	3.95	23.83	0.07	41.79
1.551	29.76	6.79	0.53	3.95	22.18	0.09	41.79
1.569	29.75	6.79	0.42	3.95	20.68	0.1	41.79
1.582	29.75	6.79	0.57	3.96	21.36	0.07	41.79
1.587	29.75	6.79	0.57	3.96	23.36	0.04	41.79
1.588	29.75	6.79	0.65	3.97	25.4	0.09	41.79
1.594	29.75	6.79	0.46	3.96	23.78	0.06	41.79
1.609	29.75	6.79	0.57	3.97	22.97	0.1	41.79
1.628	29.76	6.79	0.53	3.93	22.7	0.08	41.79
1.63	29.76	6.79	0.53	3.93	22.32	0.06	41.79
1.652	29.76	6.79	0.65	3.92	22.58	0.1	41.79
1.674	29.76	6.79	0.65	3.92	22.78	0.07	41.79
1.693	29.76	6.79	0.8	3.93	22.84	0.03	41.79
1.699	29.76	6.79	0.5	3.96	22.25	0.04	41.79
1.702	29.76	6.79	0.42	3.96	22.47	0.04	41.79
1.73	29.76	6.8	0.69	3.97	23.19	0.07	41.79
1.781	29.76	6.8	0.46	3.97	22.29	0.07	41.79

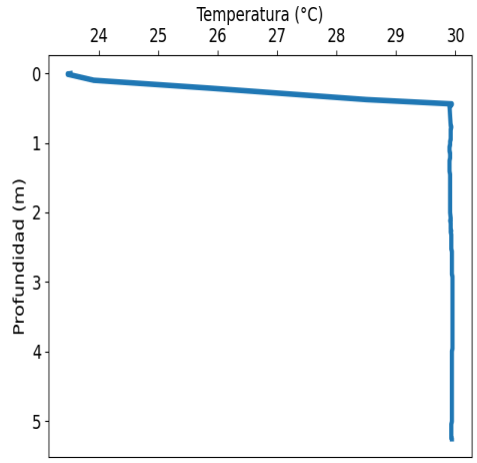
1.822	29.76	6.79	0.53	3.97	22.61	0.05	41.79
1.84	29.77	6.79	0.61	3.97	23.57	0.02	41.79
1.851	29.77	6.79	0.57	3.97	23.43	0.07	41.79
1.863	29.77	6.8	0.69	3.97	22.83	0.08	41.79
1.892	29.77	6.8	0.57	3.97	22.72	0.03	41.79
1.937	29.77	6.8	0.53	3.96	23.8	0.02	41.79
1.97	29.77	6.79	0.57	3.95	24.73	0.06	41.79
1.993	29.77	6.8	0.53	3.94	22.9	0.06	41.79
2.023	29.77	6.8	0.53	3.93	22.85	0.1	41.79
2.056	29.77	6.8	0.57	3.91	27.82	0.07	41.79
2.072	29.77	6.8	0.46	3.9	24.02	0.06	41.79
2.074	29.77	6.8	0.5	3.9	23.31	0.02	41.78
2.147	29.77	6.8	0.46	3.93	24.54	0.03	41.79
2.174	29.77	6.8	0.61	3.93	23.34	0.03	41.78
2.197	29.77	6.8	0.46	3.93	24.82	0.0	41.78
2.23	29.77	6.8	0.46	3.92	31.86	0.02	41.79
2.261	29.77	6.8	0.61	3.91	27.46	0.03	41.79
2.282	29.77	6.8	0.65	3.89	24.39	0.07	41.79
2.304	29.77	6.8	0.53	3.88	23.76	0.09	41.79
2.342	29.77	6.8	0.57	3.88	27.43	0.11	41.79
2.389	29.77	6.8	0.53	3.88	25.71	0.08	41.79
2.423	29.77	6.8	0.61	3.89	26.17	0.07	41.79
2.448	29.77	6.8	0.65	3.92	23.96	0.07	41.79
2.471	29.77	6.8	0.57	3.96	23.79	0.09	41.79
2.493	29.77	6.8	0.57	3.99	23.89	0.07	41.79
2.525	29.77	6.8	0.61	4.0	24.19	0.1	41.79
2.576	29.77	6.8	0.65	4.02	27.15	0.1	41.79
2.622	29.77	6.8	0.46	4.05	24.85	0.07	41.79
2.644	29.77	6.8	0.42	4.07	24.45	0.08	41.79
2.66	29.77	6.8	0.53	4.08	23.59	0.09	41.79
2.69	29.77	6.8	0.57	4.1	23.86	0.11	41.79
2.733	29.77	6.8	0.65	4.1	24.5	0.08	41.79
2.778	29.78	6.8	0.5	4.12	26.41	0.09	41.79
2.81	29.78	6.8	0.61	4.13	24.52	0.09	41.79
2.828	29.78	6.8	0.61	4.13	24.09	0.08	41.79
2.842	29.78	6.8	0.72	4.13	23.72	0.09	41.79
2.866	29.78	6.8	0.57	4.12	23.68	0.07	41.79
2.914	29.78	6.8	0.61	4.1	24.25	0.07	41.79
2.974	29.78	6.8	0.53	4.09	24.38	0.1	41.79
3.017	29.78	6.8	0.5	4.1	24.03	0.04	41.79
3.04	29.78	6.8	0.46	4.1	24.87	0.09	41.79
3.045	29.78	6.8	0.38	4.08	24.92	0.04	41.79
3.049	29.78	6.8	0.57	4.07	23.66	0.08	41.79
3.074	29.78	6.8	0.46	4.06	22.72	0.12	41.79
3.119	29.78	6.8	0.53	4.06	23.81	0.08	41.79
3.166	29.78	6.8	0.65	4.06	24.74	0.1	41.79
3.184	29.78	6.8	0.5	4.09	22.7	0.07	41.79
3.197	29.78	6.8	0.53	4.11	22.05	0.12	41.79
3.247	29.78	6.8	0.69	4.1	22.64	0.11	41.79
3.312	29.78	6.8	0.57	4.1	23.58	0.04	41.79
3.363	29.78	6.8	0.65	4.11	24.52	0.77	41.79
3.402	29.78	6.8	0.46	4.12	22.39	1.11	41.79
3.437	29.78	6.8	0.46	4.12	22.01	1.5	41.79
3.466	29.78	6.8	0.53	4.13	22.06	1.68	41.79
3.494	29.78	6.8	0.57	4.12	22.77	1.64	41.79
3.526	29.78	6.8	0.57	4.12	22.5	1.62	41.79
3.562	29.78	6.8	0.57	4.1	22.19	1.5	41.79
3.59	29.78	6.8	0.46	4.07	22.58	1.48	41.79

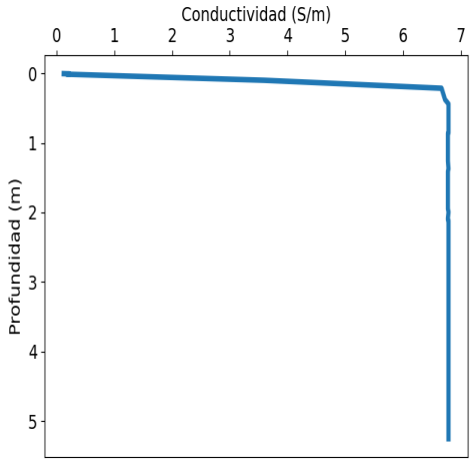
3.616	29.78	6.8	0.53	4.03	22.4	1.44	41.79
3.635	29.78	6.8	0.57	3.99	21.9	1.52	41.79
3.65	29.78	6.8	0.5	3.95	21.73	1.48	41.79
3.664	29.78	6.8	0.53	3.92	21.94	1.44	41.79
3.683	29.78	6.8	0.46	3.89	22.65	1.56	41.79
3.702	29.78	6.8	0.57	3.87	22.45	1.5	41.79
3.707	29.78	6.8	0.38	3.84	21.74	1.41	41.79
3.708	29.78	6.8	0.46	3.83	21.55	1.37	41.79
3.736	29.78	6.8	0.57	3.82	21.63	1.43	41.79
3.786	29.78	6.8	0.72	3.83	21.84	1.59	41.79
3.831	29.78	6.8	0.5	3.88	22.06	1.52	41.79
3.856	29.78	6.8	0.53	3.93	21.38	1.69	41.79
3.866	29.78	6.8	0.38	3.97	21.05	1.54	41.79
3.876	29.78	6.8	0.65	4.0	21.32	1.44	41.79
3.894	29.78	6.8	0.57	4.01	21.66	1.51	41.79
3.911	29.78	6.8	0.65	4.03	21.62	1.5	41.79
3.938	29.78	6.8	0.65	4.01	21.26	1.5	41.79
3.981	29.78	6.8	0.53	3.99	20.82	1.74	41.79
4.022	29.78	6.8	0.53	3.96	20.73	1.62	41.79
4.046	29.78	6.8	0.5	3.94	20.95	1.54	41.79
4.06	29.78	6.8	0.5	3.92	21.14	1.54	41.79
4.086	29.78	6.8	0.5	3.91	20.79	1.56	41.79
4.116	29.78	6.8	0.53	3.91	20.4	1.52	41.79
4.135	29.78	6.8	0.46	3.91	20.3	1.55	41.79
4.142	29.78	6.8	0.46	3.92	20.47	1.5	41.79
4.148	29.78	6.8	0.5	3.92	20.51	1.54	41.79
4.165	29.78	6.8	0.38	3.92	20.24	1.4	41.79
4.196	29.78	6.8	0.57	3.92	20.04	1.5	41.79
4.23	29.78	6.8	0.53	3.92	19.89	1.48	41.79
4.253	29.78	6.8	0.53	3.93	20.27	1.43	41.79
4.272	29.78	6.8	0.46	3.95	20.25	1.36	41.79
4.295	29.78	6.8	0.42	3.97	19.94	1.42	41.79
4.323	29.78	6.8	0.53	4.0	19.71	1.37	41.79
4.349	29.78	6.8	0.76	4.04	19.58	1.42	41.79
4.369	29.78	6.8	0.5	4.08	19.7	1.33	41.79
4.386	29.78	6.8	0.61	4.12	19.95	1.26	41.79
4.416	29.78	6.8	0.57	4.15	19.68	1.28	41.79
4.455	29.78	6.8	0.53	4.17	19.43	1.26	41.79
4.481	29.78	6.8	0.92	4.19	19.14	1.24	41.79
4.493	29.78	6.8	0.84	4.2	19.02	1.24	41.79
4.514	29.78	6.8	0.61	4.21	19.19	1.22	41.79
4.556	29.78	6.8	0.5	4.22	19.36	1.24	41.79
4.591	29.78	6.8	0.42	4.22	19.07	1.26	41.79
4.611	29.78	6.8	0.57	4.22	18.81	1.2	41.79
4.623	29.78	6.8	0.5	4.22	18.61	1.22	41.79
4.636	29.78	6.8	0.46	4.23	18.55	1.21	41.79
4.667	29.78	6.8	0.57	4.22	18.68	1.17	41.79
4.701	29.78	6.8	0.53	4.23	18.52	1.21	41.79
4.731	29.78	6.8	0.57	4.23	18.35	1.21	41.79
4.757	29.78	6.8	0.53	4.23	18.19	1.16	41.79
4.787	29.78	6.8	0.5	4.24	18.27	1.22	41.79
4.818	29.78	6.8	0.42	4.24	18.33	1.16	41.79
4.837	29.78	6.8	0.53	4.25	18.0	1.2	41.79
4.851	29.78	6.8	0.65	4.25	17.82	1.16	41.79
4.877	29.78	6.8	0.53	4.26	17.68	1.14	41.79
4.924	29.78	6.8	0.69	4.26	17.74	1.15	41.79
4.972	29.78	6.8	0.57	4.26	17.56	1.18	41.79
5.0	29.78	6.8	0.38	4.27	17.58	1.18	41.79

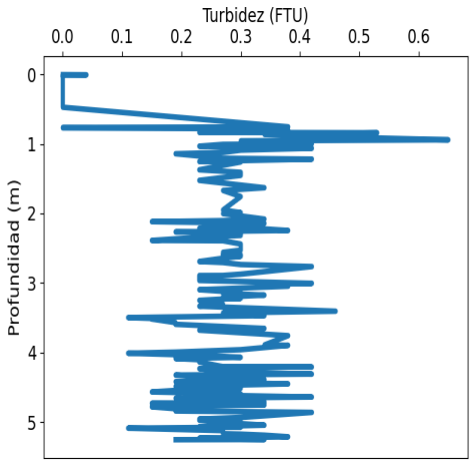
5.019	29.78	6.8	0.42	4.27	17.32	1.16	41.79
5.036	29.78	6.8	0.42	4.27	17.19	1.19	41.79
5.047	29.78	6.8	0.42	4.27	17.26	1.17	41.79
5.056	29.78	6.8	0.46	4.27	17.36	1.15	41.79
5.082	29.78	6.8	0.5	4.27	17.11	1.19	41.79
5.119	29.78	6.8	0.72	4.27	16.92	1.18	41.79
5.156	29.78	6.8	0.5	4.27	16.73	1.11	41.79
5.176	29.78	6.8	0.61	4.27	16.79	1.18	41.79
5.182	29.78	6.8	0.57	4.27	16.84	1.15	41.79
5.201	29.78	6.8	0.5	4.28	16.74	1.15	41.79
5.238	29.78	6.8	0.5	4.29	16.53	1.15	41.79
5.274	29.78	6.8	0.57	4.29	16.44	1.15	41.79
5.301	29.78	6.8	0.5	4.29	16.47	1.13	41.79
5.322	29.78	6.8	0.57	4.3	16.41	1.14	41.79
5.344	29.78	6.8	0.46	4.3	16.27	1.16	41.79
5.391	29.78	6.8	0.53	4.3	16.12	1.12	41.79
5.452	29.78	6.8	0.57	4.3	15.96	1.17	41.79
5.477	29.78	6.8	0.5	4.3	15.85	1.15	41.79
5.48	29.78	6.8	0.5	4.31	15.78	1.12	41.79
5.52	29.78	6.8	0.42	4.31	15.62	1.15	41.79
5.568	29.78	6.8	0.57	4.31	15.52	1.18	41.79
5.598	29.78	6.8	0.46	4.3	15.52	1.19	41.79
5.615	29.78	6.8	0.46	4.3	15.36	1.1	41.79
5.633	29.78	6.8	0.57	4.31	15.31	1.13	41.79
5.656	29.78	6.8	0.61	4.3	15.35	1.13	41.79
5.684	29.78	6.8	0.42	4.3	15.28	1.09	41.79
5.716	29.78	6.8	0.61	4.31	15.18	1.11	41.79
5.745	29.78	6.8	0.61	4.31	15.06	1.15	41.79
5.767	29.77	6.8	0.57	4.31	15.21	1.1	41.79
5.773	29.77	6.8	0.57	4.31	15.12	1.11	41.79
5.796	29.77	6.8	0.61	4.31	15.0	1.1	41.79
5.824	29.77	6.8	0.42	4.31	14.84	1.1	41.79
5.855	29.77	6.8	0.61	4.31	14.79	1.11	41.79
5.883	29.77	6.8	0.61	4.31	14.67	1.12	41.79
5.905	29.77	6.8	0.53	4.32	14.68	1.14	41.79
5.908	29.77	6.8	0.46	4.34	14.46	1.06	41.79
5.918	29.77	6.8	0.57	4.34	14.43	1.05	41.79
5.928	29.77	6.8	0.42	4.33	14.36	1.05	41.79
5.939	29.77	6.8	0.46	4.33	14.49	1.1	41.79
5.946	29.77	6.8	0.34	4.34	14.49	1.04	41.79
5.952	29.77	6.8	0.5	4.34	14.5	1.09	41.79
5.956	29.77	6.8	0.61	4.34	14.33	1.11	41.79
5.961	29.77	6.8	0.46	4.34	14.22	1.09	41.79
5.966	29.77	6.8	0.38	4.34	14.28	1.05	41.79
5.968	29.77	6.8	0.42	4.38	14.36	1.07	41.79

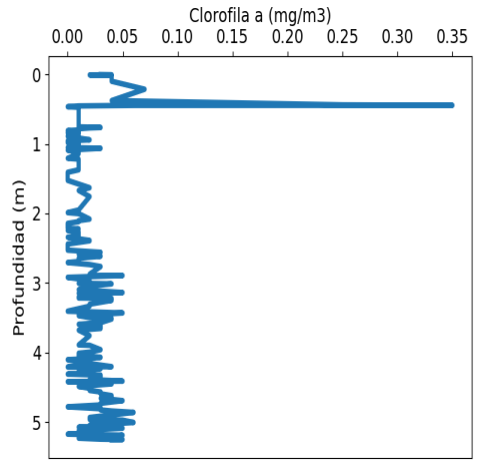
Nombre: CTD E02 - Punto 002 **Fecha: 18/07/2022** **Hora: 06:07:41**

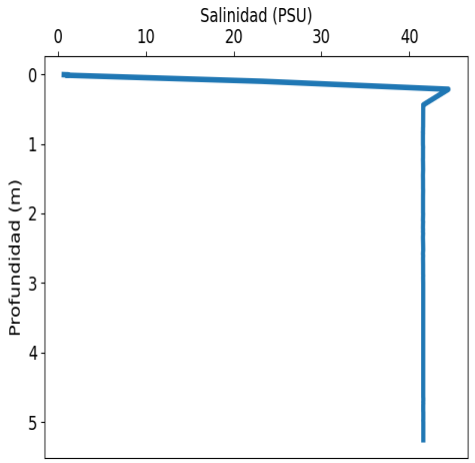


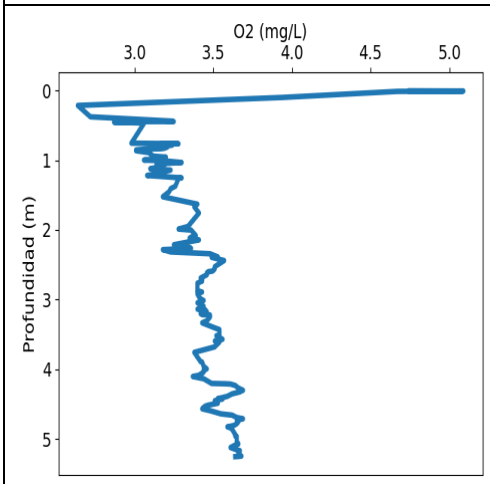


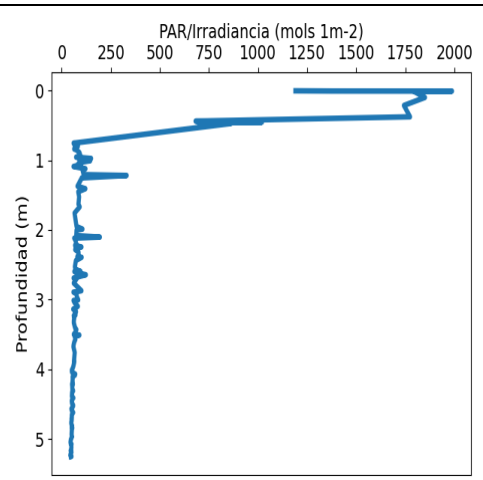


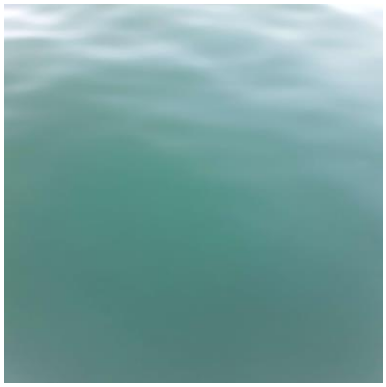












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.47	0.12	0.0	2.64	44.66	0.0	0.63
PROF (metros)	0.008	0.004	0.004	0.214	5.047	0.465	0.004
MÁXIMO	29.95	29.95	0.65	5.09	1988.1	0.35	44.49
PROF (metros)	2.894	0.439	0.942	0.007	0.008	0.445	0.214

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	29.52	6.37	0.35	3.25	163.32	0.01	39.06
1 - 2m	29.91	6.78	0.29	3.24	107.48	0.01	41.59
2 - 3m	29.93	6.79	0.28	3.41	80.91	0.01	41.59
3 - 4m	29.95	6.79	0.28	3.47	66.44	0.02	41.61
4 - 5m	29.94	6.79	0.26	3.56	53.74	0.03	41.61
5 - 6m	29.93	6.79	0.28	3.65	47.17	0.03	41.62

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m, 5 - 6m con los valores 3.25, 3.24, 3.41, 3.47, 3.56, 3.65 respectivamente.

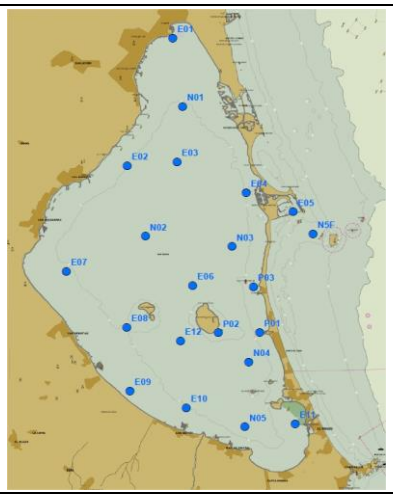
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.004	23.52	0.12	0.0	4.75	1190.4	0.03	0.63
0.007	23.5	0.22	0.04	5.09	1375.6	0.04	1.16
0.008	23.47	0.19	0.0	5.04	1988.1	0.02	0.97
0.012	23.47	0.18	0.0	4.67	1793.7	0.04	0.93
0.099	23.91	3.59	0.0	3.94	1850.3	0.04	23.19
0.214	25.89	6.67	0.0	2.64	1742.9	0.07	44.49
0.377	28.5	6.73	0.0	2.72	1774.2	0.04	42.42
0.439	29.94	6.79	0.0	3.24	681.54	0.25	41.62
0.445	29.94	6.79	0.0	3.25	861.71	0.35	41.62
0.446	29.93	6.79	0.0	3.02	705.65	0.06	41.61
0.454	29.92	6.79	0.0	2.87	1019.9	0.01	41.61
0.465	29.92	6.79	0.0	3.04	698.01	0.0	41.61
0.473	29.9	6.79	0.0	3.06	861.91	0.01	41.61
0.755	29.92	6.79	0.38	2.98	60.2	0.01	41.6
0.764	29.93	6.79	0.0	3.28	78.46	0.03	41.59
0.77	29.93	6.79	0.0	3.16	64.62	0.02	41.59
0.782	29.93	6.79	0.3	3.24	66.51	0.01	41.59
0.8	29.92	6.79	0.3	3.17	82.35	0.01	41.59
0.809	29.92	6.79	0.38	3.21	66.16	0.0	41.59
0.828	29.92	6.79	0.27	3.19	67.8	0.01	41.58
0.835	29.92	6.79	0.23	3.17	63.88	0.01	41.59
0.84	29.92	6.79	0.53	3.07	63.44	0.0	41.58
0.853	29.92	6.79	0.46	3.01	76.06	0.01	41.59
0.864	29.92	6.78	0.34	3.01	79.76	0.01	41.58
0.89	29.92	6.78	0.42	3.09	90.19	0.0	41.58
0.942	29.92	6.78	0.65	3.12	95.81	0.02	41.58
0.956	29.92	6.78	0.3	3.2	72.77	0.0	41.58
0.975	29.91	6.78	0.3	3.14	149.76	0.01	41.58
0.981	29.91	6.78	0.3	3.19	112.19	0.0	41.58
0.998	29.91	6.78	0.42	3.06	90.61	0.01	41.58
1.007	29.91	6.78	0.27	3.18	145.04	0.01	41.58
1.033	29.91	6.78	0.23	3.3	92.47	0.01	41.59

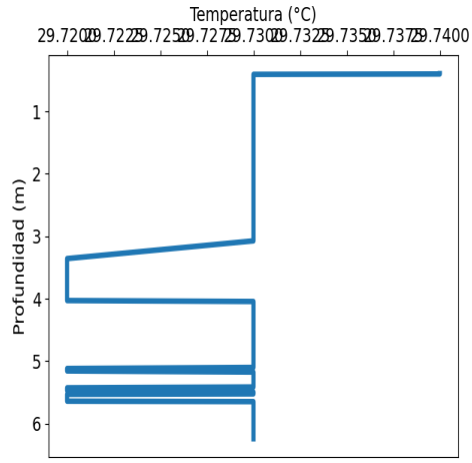
1.053	29.9	6.78	0.3	3.14	83.92	0.0	41.6
1.063	29.9	6.78	0.42	3.19	99.29	0.03	41.59
1.09	29.9	6.78	0.3	3.17	59.82	0.0	41.59
1.123	29.9	6.78	0.27	3.1	121.19	0.01	41.59
1.142	29.91	6.78	0.19	3.23	105.9	0.01	41.59
1.207	29.91	6.78	0.27	3.11	111.78	0.0	41.59
1.219	29.91	6.78	0.42	3.08	330.63	0.01	41.58
1.254	29.9	6.78	0.23	3.3	101.76	0.01	41.59
1.26	29.9	6.78	0.3	3.28	101.2	0.01	41.59
1.373	29.9	6.79	0.23	3.26	80.32	0.01	41.6
1.409	29.9	6.78	0.3	3.23	120.63	0.0	41.59
1.453	29.91	6.78	0.3	3.22	84.05	0.0	41.58
1.525	29.91	6.78	0.23	3.18	88.49	0.0	41.59
1.631	29.91	6.78	0.34	3.4	85.19	0.02	41.59
1.67	29.91	6.78	0.27	3.38	91.58	0.01	41.6
1.758	29.91	6.78	0.3	3.41	65.27	0.02	41.59
1.951	29.91	6.78	0.27	3.34	75.24	0.01	41.59
1.989	29.91	6.79	0.3	3.28	105.78	0.0	41.59
2.003	29.91	6.79	0.27	3.36	75.29	0.01	41.6
2.082	29.92	6.78	0.34	3.39	73.75	0.02	41.58
2.104	29.92	6.78	0.27	3.36	194.32	0.01	41.58
2.119	29.91	6.79	0.15	3.35	63.6	0.01	41.6
2.144	29.92	6.79	0.34	3.41	68.85	0.0	41.59
2.214	29.92	6.79	0.23	3.25	75.69	0.0	41.58
2.223	29.92	6.79	0.34	3.29	67.83	0.01	41.59
2.246	29.92	6.79	0.38	3.34	100.5	0.0	41.59
2.266	29.93	6.79	0.19	3.36	71.05	0.01	41.58
2.284	29.92	6.79	0.3	3.18	68.48	0.01	41.6
2.317	29.93	6.79	0.3	3.23	85.29	0.01	41.59
2.343	29.93	6.79	0.23	3.48	85.98	0.0	41.58
2.389	29.93	6.79	0.15	3.53	79.28	0.02	41.59
2.394	29.93	6.79	0.27	3.49	101.55	0.02	41.59
2.441	29.93	6.79	0.3	3.57	71.91	0.0	41.6
2.529	29.93	6.79	0.3	3.51	67.11	0.0	41.61
2.56	29.94	6.79	0.27	3.51	68.73	0.03	41.59
2.586	29.94	6.79	0.27	3.5	85.88	0.01	41.58
2.595	29.94	6.79	0.3	3.49	95.63	0.02	41.6
2.599	29.94	6.79	0.27	3.47	64.21	0.02	41.6
2.616	29.94	6.79	0.3	3.46	79.47	0.03	41.6
2.645	29.94	6.79	0.27	3.46	123.18	0.01	41.59
2.692	29.94	6.79	0.23	3.42	60.28	0.01	41.6
2.707	29.94	6.79	0.27	3.43	74.8	0.0	41.6
2.736	29.94	6.79	0.3	3.43	65.94	0.02	41.6
2.765	29.94	6.79	0.42	3.4	61.28	0.03	41.6
2.874	29.94	6.79	0.3	3.4	100.31	0.02	41.6
2.893	29.94	6.79	0.27	3.43	65.91	0.02	41.61
2.894	29.94	6.79	0.23	3.4	59.51	0.05	41.61
2.92	29.95	6.79	0.23	3.4	74.94	0.0	41.6
2.965	29.95	6.79	0.23	3.41	77.57	0.02	41.61
3.006	29.95	6.79	0.42	3.43	84.07	0.01	41.61
3.014	29.95	6.79	0.38	3.44	59.94	0.04	41.61
3.047	29.95	6.79	0.38	3.4	65.76	0.02	41.61
3.098	29.95	6.79	0.23	3.44	82.32	0.01	41.61
3.139	29.95	6.79	0.3	3.4	58.17	0.05	41.61
3.149	29.95	6.79	0.27	3.45	65.23	0.01	41.61
3.176	29.95	6.79	0.34	3.46	73.05	0.02	41.61
3.203	29.95	6.79	0.27	3.42	66.29	0.01	41.61
3.217	29.95	6.79	0.27	3.43	66.4	0.01	41.61

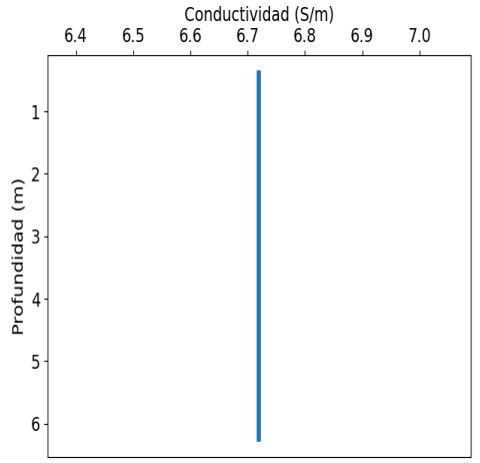
3.222	29.95	6.79	0.3	3.48	70.12	0.04	41.61
3.232	29.95	6.79	0.27	3.47	61.08	0.03	41.61
3.251	29.95	6.79	0.23	3.48	64.31	0.04	41.61
3.306	29.95	6.79	0.27	3.46	61.73	0.02	41.61
3.335	29.95	6.79	0.23	3.43	61.61	0.02	41.61
3.407	29.95	6.79	0.46	3.51	67.93	0.0	41.61
3.432	29.95	6.79	0.27	3.54	74.78	0.05	41.61
3.471	29.95	6.79	0.34	3.54	69.41	0.01	41.61
3.499	29.95	6.79	0.11	3.54	61.38	0.02	41.61
3.511	29.95	6.79	0.15	3.54	90.29	0.04	41.61
3.52	29.95	6.79	0.15	3.52	65.03	0.04	41.61
3.571	29.95	6.79	0.19	3.56	69.57	0.03	41.61
3.596	29.95	6.79	0.19	3.51	65.76	0.01	41.61
3.612	29.95	6.79	0.23	3.54	63.64	0.03	41.61
3.655	29.95	6.79	0.34	3.52	60.32	0.03	41.61
3.68	29.95	6.79	0.23	3.51	59.48	0.01	41.61
3.759	29.95	6.79	0.38	3.38	66.08	0.02	41.61
3.892	29.95	6.79	0.34	3.42	62.26	0.01	41.61
3.898	29.95	6.79	0.38	3.43	63.76	0.02	41.61
3.961	29.95	6.79	0.3	3.44	59.02	0.03	41.61
3.996	29.94	6.79	0.19	3.46	54.55	0.02	41.61
4.012	29.94	6.79	0.11	3.44	51.46	0.01	41.61
4.042	29.94	6.79	0.23	3.44	51.78	0.01	41.61
4.071	29.94	6.79	0.3	3.42	68.91	0.03	41.61
4.088	29.94	6.79	0.19	3.41	66.76	0.02	41.61
4.105	29.94	6.79	0.23	3.37	55.38	0.0	41.61
4.138	29.94	6.79	0.23	3.44	55.66	0.01	41.61
4.205	29.94	6.79	0.27	3.49	54.79	0.04	41.61
4.21	29.94	6.79	0.42	3.58	52.51	0.0	41.61
4.214	29.94	6.79	0.27	3.61	57.06	0.02	41.61
4.234	29.94	6.79	0.23	3.64	53.32	0.03	41.61
4.271	29.94	6.79	0.27	3.66	53.77	0.01	41.61
4.304	29.94	6.79	0.38	3.69	54.45	0.02	41.61
4.312	29.94	6.79	0.42	3.68	58.37	0.0	41.61
4.326	29.94	6.79	0.19	3.67	52.92	0.03	41.61
4.355	29.94	6.79	0.23	3.62	52.21	0.03	41.61
4.39	29.94	6.79	0.34	3.59	51.66	0.02	41.61
4.413	29.94	6.79	0.27	3.55	59.55	0.05	41.61
4.421	29.94	6.79	0.19	3.53	55.99	0.0	41.61
4.428	29.94	6.79	0.23	3.56	53.32	0.03	41.61
4.453	29.94	6.79	0.38	3.51	50.96	0.04	41.61
4.489	29.94	6.79	0.19	3.53	52.03	0.01	41.61
4.516	29.94	6.79	0.3	3.47	58.21	0.02	41.61
4.531	29.94	6.79	0.23	3.45	58.06	0.02	41.61
4.547	29.94	6.79	0.19	3.44	53.33	0.02	41.61
4.569	29.94	6.79	0.15	3.43	49.14	0.03	41.61
4.596	29.94	6.79	0.3	3.48	51.34	0.03	41.61
4.622	29.94	6.79	0.3	3.52	58.81	0.04	41.61
4.642	29.94	6.79	0.42	3.55	52.37	0.04	41.61
4.66	29.94	6.79	0.19	3.62	51.27	0.03	41.62
4.694	29.94	6.79	0.27	3.65	51.32	0.05	41.62
4.713	29.94	6.79	0.34	3.69	49.62	0.04	41.61
4.732	29.94	6.79	0.15	3.65	50.94	0.03	41.62
4.756	29.94	6.79	0.34	3.66	48.88	0.03	41.61
4.783	29.94	6.79	0.15	3.65	48.73	0.0	41.61
4.81	29.94	6.79	0.19	3.63	52.43	0.03	41.61
4.828	29.94	6.79	0.19	3.59	50.75	0.03	41.61
4.843	29.94	6.79	0.19	3.61	53.92	0.04	41.61

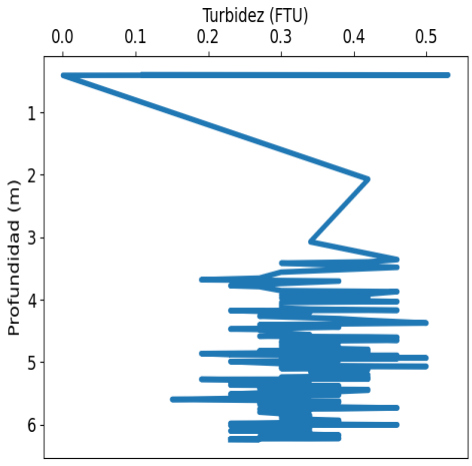
4.863	29.94	6.79	0.42	3.62	51.58	0.06	41.62
4.936	29.94	6.79	0.3	3.64	50.21	0.02	41.62
4.959	29.94	6.79	0.23	3.64	51.43	0.02	41.62
4.964	29.94	6.79	0.3	3.65	50.45	0.02	41.62
4.975	29.94	6.79	0.23	3.65	51.45	0.05	41.61
5.008	29.94	6.79	0.27	3.65	46.74	0.06	41.62
5.047	29.93	6.79	0.34	3.65	44.66	0.02	41.62
5.069	29.93	6.79	0.23	3.66	45.69	0.04	41.62
5.076	29.93	6.79	0.3	3.66	49.99	0.01	41.62
5.09	29.93	6.79	0.11	3.64	48.68	0.05	41.62
5.125	29.93	6.79	0.27	3.61	49.06	0.01	41.62
5.158	29.93	6.79	0.27	3.65	47.5	0.03	41.62
5.17	29.93	6.79	0.27	3.67	45.24	0.03	41.62
5.176	29.93	6.79	0.3	3.67	47.76	0.0	41.62
5.191	29.93	6.79	0.34	3.66	49.64	0.05	41.62
5.214	29.93	6.79	0.38	3.66	45.03	0.04	41.62
5.234	29.93	6.79	0.23	3.67	45.85	0.01	41.62
5.248	29.93	6.79	0.3	3.68	45.69	0.03	41.62
5.253	29.94	6.79	0.34	3.66	49.77	0.05	41.62
5.256	29.94	6.79	0.19	3.64	46.26	0.04	41.62

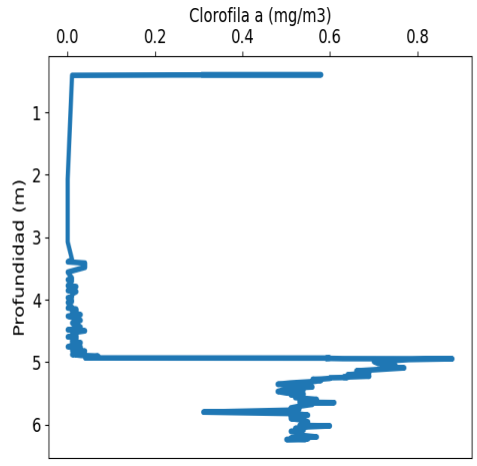
Nombre: CTD E03 - Punto 003 **Fecha: 18/07/2022** **Hora: 06:07:27**

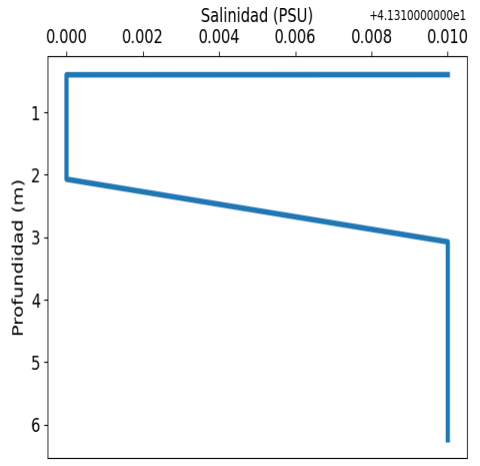


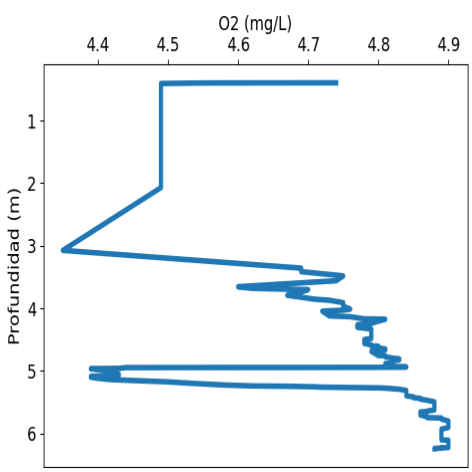


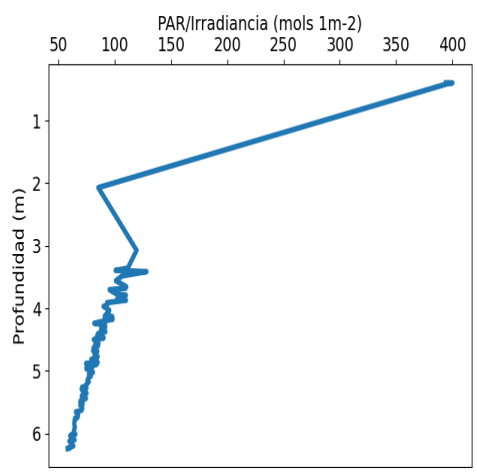












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.72	6.72	0.0	4.35	58.06	0.0	41.31
PROF (metros)	3.358	0.397	0.408	3.074	6.242	2.071	0.399
MÁXIMO	29.74	29.74	0.53	4.9	400.2	0.88	41.32
PROF (metros)	0.397	0.397	0.402	5.8	0.399	4.947	0.397

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	29.74	6.72	0.3	4.61	397.44	0.37	41.31
2 - 3m	29.73	6.72	0.42	4.49	85.29	0.0	41.31
3 - 4m	29.72	6.72	0.34	4.68	104.37	0.01	41.32
4 - 5m	29.73	6.72	0.35	4.76	83.93	0.14	41.32
5 - 6m	29.73	6.72	0.33	4.76	71.04	0.57	41.32
6 - 7m	29.73	6.72	0.3	4.89	61.17	0.54	41.32

OBSERVACIONES GENERALES

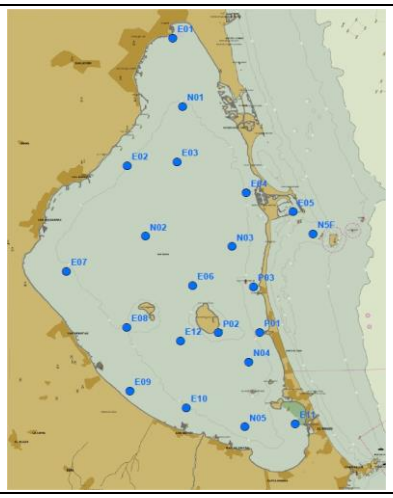
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.397	29.74	6.72	0.11	4.74	394.31	0.31	41.32
0.399	29.74	6.72	0.27	4.56	400.2	0.58	41.31
0.402	29.74	6.72	0.53	4.53	397.8	0.24	41.31
0.408	29.73	6.72	0.0	4.49	396.42	0.01	41.31
2.071	29.73	6.72	0.42	4.49	85.29	0.0	41.31
3.074	29.73	6.72	0.34	4.35	119.35	0.0	41.32
3.358	29.72	6.72	0.46	4.69	111.47	0.01	41.32
3.394	29.72	6.72	0.42	4.69	100.64	0.0	41.32
3.414	29.72	6.72	0.3	4.69	128.13	0.04	41.32
3.482	29.72	6.72	0.46	4.75	106.57	0.04	41.32
3.559	29.72	6.72	0.3	4.74	100.89	0.0	41.32
3.655	29.72	6.72	0.27	4.6	110.23	0.01	41.32
3.681	29.72	6.72	0.19	4.62	109.34	0.0	41.32
3.702	29.72	6.72	0.38	4.7	95.28	0.01	41.32
3.776	29.72	6.72	0.23	4.68	101.86	0.0	41.32
3.791	29.72	6.72	0.27	4.67	109.9	0.02	41.32
3.855	29.72	6.72	0.3	4.71	101.9	0.0	41.32
3.871	29.72	6.72	0.46	4.73	110.0	0.02	41.32
3.91	29.72	6.72	0.42	4.75	93.01	0.01	41.32
3.924	29.72	6.72	0.3	4.75	93.83	0.01	41.32
3.957	29.72	6.72	0.42	4.75	92.04	0.01	41.32
3.969	29.72	6.72	0.3	4.75	89.9	0.0	41.32
4.012	29.72	6.72	0.38	4.76	93.66	0.01	41.32
4.03	29.72	6.72	0.46	4.75	95.1	0.01	41.32
4.045	29.73	6.72	0.3	4.72	94.95	0.0	41.32
4.121	29.73	6.72	0.3	4.73	91.07	0.01	41.32
4.134	29.73	6.72	0.3	4.76	97.83	0.0	41.32
4.151	29.73	6.72	0.34	4.77	91.13	0.02	41.32
4.169	29.73	6.72	0.46	4.78	91.66	0.01	41.32
4.174	29.73	6.72	0.23	4.81	98.06	0.02	41.32
4.206	29.73	6.72	0.34	4.8	89.42	0.01	41.32
4.24	29.73	6.72	0.3	4.79	81.67	0.03	41.32
4.264	29.73	6.72	0.27	4.77	91.32	0.0	41.32
4.303	29.73	6.72	0.38	4.77	91.47	0.02	41.32
4.331	29.73	6.72	0.42	4.79	87.73	0.03	41.32
4.374	29.73	6.72	0.5	4.79	91.7	0.01	41.32

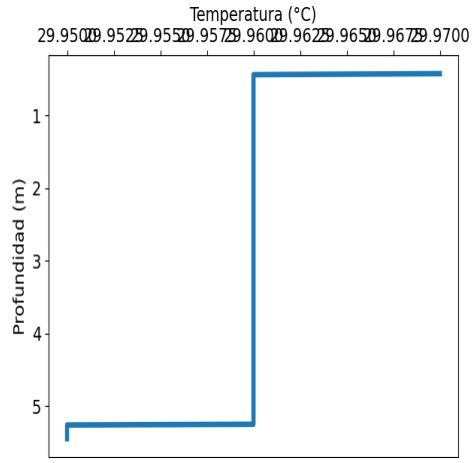
4.401	29.73	6.72	0.27	4.79	85.21	0.02	41.32
4.439	29.73	6.72	0.38	4.79	84.13	0.03	41.32
4.47	29.73	6.72	0.23	4.79	90.12	0.01	41.32
4.481	29.73	6.72	0.3	4.79	89.56	0.01	41.32
4.482	29.73	6.72	0.27	4.79	84.46	0.0	41.32
4.499	29.73	6.72	0.3	4.78	81.22	0.04	41.32
4.531	29.73	6.72	0.3	4.78	83.84	0.01	41.32
4.561	29.73	6.72	0.34	4.78	85.6	0.02	41.32
4.584	29.73	6.72	0.27	4.79	82.43	0.02	41.32
4.596	29.73	6.72	0.42	4.79	82.18	0.0	41.32
4.603	29.73	6.72	0.46	4.79	85.05	0.02	41.32
4.604	29.73	6.72	0.42	4.8	84.03	0.01	41.32
4.607	29.73	6.72	0.3	4.8	83.31	0.01	41.32
4.634	29.73	6.72	0.42	4.8	80.97	0.02	41.32
4.65	29.73	6.72	0.46	4.81	81.69	0.01	41.32
4.666	29.73	6.72	0.3	4.81	82.51	0.02	41.32
4.678	29.73	6.72	0.38	4.8	80.56	0.01	41.32
4.688	29.73	6.72	0.3	4.79	84.52	0.03	41.32
4.754	29.73	6.72	0.3	4.8	81.8	0.0	41.32
4.759	29.73	6.72	0.38	4.81	83.64	0.03	41.32
4.774	29.73	6.72	0.34	4.81	84.81	0.03	41.32
4.795	29.73	6.72	0.42	4.82	83.76	0.02	41.32
4.81	29.73	6.72	0.42	4.83	81.61	0.01	41.32
4.817	29.73	6.72	0.27	4.82	78.93	0.02	41.32
4.823	29.73	6.72	0.42	4.83	80.56	0.04	41.32
4.839	29.73	6.72	0.42	4.82	82.72	0.03	41.32
4.862	29.73	6.72	0.19	4.82	84.81	0.02	41.32
4.879	29.73	6.72	0.23	4.82	78.39	0.01	41.32
4.882	29.73	6.72	0.23	4.81	74.34	0.02	41.32
4.884	29.73	6.72	0.3	4.81	78.75	0.02	41.32
4.892	29.73	6.72	0.46	4.81	83.99	0.03	41.32
4.903	29.73	6.72	0.3	4.81	82.35	0.07	41.32
4.933	29.73	6.72	0.34	4.82	78.7	0.04	41.32
4.934	29.73	6.72	0.5	4.84	75.03	0.55	41.32
4.935	29.73	6.72	0.3	4.84	77.16	0.6	41.32
4.939	29.73	6.72	0.38	4.84	79.85	0.59	41.32
4.943	29.73	6.72	0.46	4.79	78.64	0.63	41.32
4.944	29.73	6.72	0.3	4.74	76.2	0.63	41.32
4.947	29.73	6.72	0.38	4.44	74.7	0.88	41.32
4.959	29.73	6.72	0.3	4.43	76.31	0.78	41.32
4.964	29.73	6.72	0.3	4.39	74.87	0.77	41.32
4.968	29.73	6.72	0.38	4.39	74.78	0.76	41.32
4.99	29.73	6.72	0.23	4.41	79.06	0.7	41.32
5.023	29.73	6.72	0.3	4.42	80.64	0.71	41.32
5.053	29.73	6.72	0.34	4.43	76.86	0.75	41.32
5.068	29.73	6.72	0.5	4.43	77.39	0.73	41.32
5.077	29.73	6.72	0.3	4.41	78.55	0.73	41.32
5.086	29.73	6.72	0.3	4.39	78.64	0.72	41.32
5.092	29.73	6.72	0.34	4.39	77.61	0.77	41.32
5.101	29.73	6.72	0.3	4.39	77.22	0.75	41.32
5.118	29.72	6.72	0.42	4.4	76.45	0.71	41.32
5.14	29.72	6.72	0.38	4.42	75.69	0.66	41.32
5.157	29.72	6.72	0.34	4.46	75.78	0.68	41.32
5.175	29.73	6.72	0.38	4.5	76.88	0.69	41.32
5.202	29.73	6.72	0.42	4.54	75.24	0.64	41.32
5.225	29.73	6.72	0.38	4.58	74.61	0.69	41.32
5.24	29.73	6.72	0.3	4.62	73.6	0.63	41.32
5.245	29.73	6.72	0.3	4.67	74.52	0.64	41.32

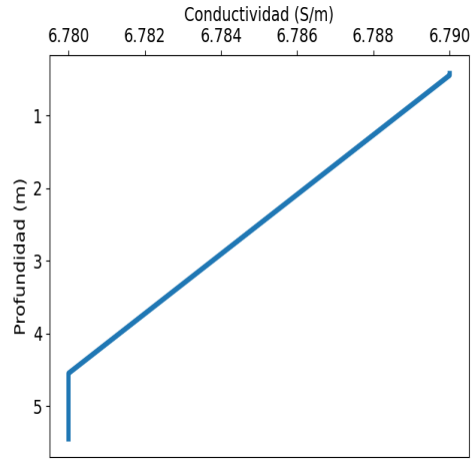
5.25	29.73	6.72	0.42	4.69	74.18	0.6	41.32
5.254	29.73	6.72	0.3	4.71	74.03	0.6	41.32
5.26	29.73	6.72	0.38	4.72	70.82	0.6	41.32
5.271	29.73	6.72	0.42	4.8	74.85	0.58	41.32
5.275	29.73	6.72	0.19	4.81	72.35	0.56	41.32
5.293	29.73	6.72	0.3	4.83	70.4	0.58	41.32
5.312	29.73	6.72	0.23	4.84	71.41	0.56	41.32
5.333	29.73	6.72	0.3	4.84	73.77	0.51	41.32
5.354	29.73	6.72	0.34	4.84	74.92	0.48	41.32
5.367	29.73	6.72	0.23	4.84	74.3	0.51	41.32
5.38	29.73	6.72	0.38	4.84	71.6	0.53	41.32
5.398	29.73	6.72	0.3	4.84	70.57	0.56	41.32
5.414	29.73	6.72	0.27	4.85	71.05	0.51	41.32
5.427	29.72	6.72	0.27	4.85	72.9	0.53	41.32
5.439	29.72	6.72	0.42	4.86	74.39	0.54	41.32
5.45	29.72	6.72	0.42	4.86	72.68	0.49	41.32
5.47	29.72	6.72	0.38	4.87	69.73	0.48	41.32
5.494	29.73	6.72	0.27	4.88	69.25	0.5	41.32
5.511	29.73	6.72	0.23	4.88	70.72	0.54	41.32
5.524	29.73	6.72	0.38	4.88	71.56	0.51	41.32
5.531	29.72	6.72	0.3	4.88	70.69	0.52	41.32
5.535	29.72	6.72	0.34	4.88	70.07	0.52	41.32
5.545	29.72	6.72	0.3	4.88	69.18	0.52	41.32
5.568	29.72	6.72	0.3	4.88	70.08	0.52	41.32
5.597	29.72	6.72	0.15	4.88	71.12	0.57	41.32
5.624	29.72	6.72	0.38	4.88	70.57	0.53	41.32
5.641	29.72	6.72	0.38	4.87	68.5	0.53	41.32
5.648	29.73	6.72	0.34	4.87	66.96	0.61	41.32
5.655	29.73	6.72	0.27	4.86	65.26	0.55	41.32
5.675	29.73	6.72	0.27	4.86	67.19	0.56	41.32
5.705	29.73	6.72	0.3	4.86	67.27	0.53	41.32
5.733	29.73	6.72	0.46	4.87	67.13	0.51	41.32
5.747	29.73	6.72	0.38	4.87	66.68	0.51	41.32
5.752	29.73	6.72	0.27	4.89	64.58	0.53	41.32
5.769	29.73	6.72	0.34	4.89	65.08	0.51	41.32
5.8	29.73	6.72	0.27	4.9	64.04	0.31	41.32
5.824	29.73	6.72	0.3	4.9	64.09	0.52	41.32
5.849	29.73	6.72	0.34	4.9	63.84	0.55	41.32
5.871	29.73	6.72	0.3	4.9	64.1	0.51	41.32
5.884	29.73	6.72	0.34	4.9	64.38	0.54	41.32
5.904	29.73	6.72	0.3	4.9	64.5	0.51	41.32
5.931	29.73	6.72	0.38	4.89	63.82	0.54	41.32
5.957	29.73	6.72	0.38	4.89	63.78	0.55	41.32
5.982	29.73	6.72	0.23	4.89	63.23	0.55	41.32
6.003	29.73	6.72	0.46	4.89	64.01	0.55	41.32
6.012	29.73	6.72	0.23	4.89	65.02	0.53	41.32
6.021	29.73	6.72	0.3	4.89	61.24	0.6	41.32
6.036	29.73	6.72	0.27	4.89	60.26	0.55	41.32
6.06	29.73	6.72	0.34	4.89	61.27	0.52	41.32
6.087	29.73	6.72	0.3	4.89	63.3	0.54	41.32
6.101	29.73	6.72	0.23	4.89	64.28	0.53	41.32
6.108	29.73	6.72	0.34	4.9	61.23	0.51	41.32
6.121	29.73	6.72	0.27	4.9	59.51	0.52	41.32
6.142	29.73	6.72	0.3	4.9	60.75	0.53	41.32
6.169	29.73	6.72	0.38	4.9	61.74	0.53	41.32
6.198	29.73	6.72	0.27	4.9	63.14	0.57	41.32
6.215	29.73	6.72	0.27	4.9	60.73	0.51	41.32
6.221	29.73	6.72	0.38	4.9	60.0	0.53	41.32

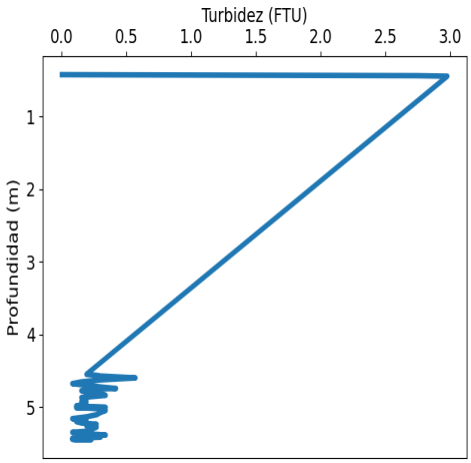
6.225	29.73	6.72	0.34	4.9	58.79	0.55	41.32
6.228	29.73	6.72	0.23	4.89	59.92	0.55	41.32
6.233	29.73	6.72	0.23	4.89	59.73	0.53	41.32
6.239	29.73	6.72	0.27	4.88	59.22	0.5	41.32
6.242	29.73	6.72	0.23	4.88	58.06	0.54	41.32

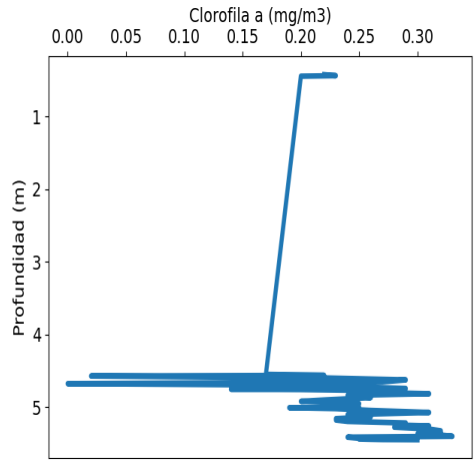
Nombre: CTD N01 - Punto 004 **Fecha: 18/07/2022** **Hora: 07:07:01**

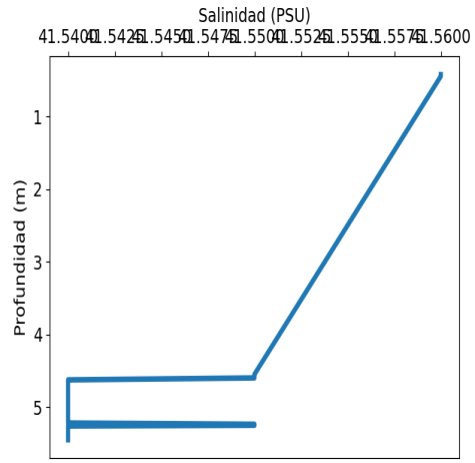


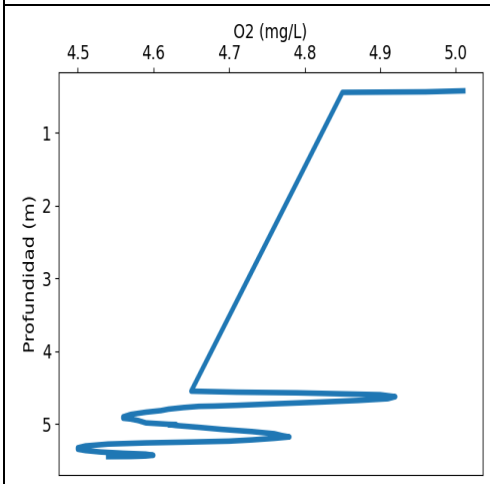


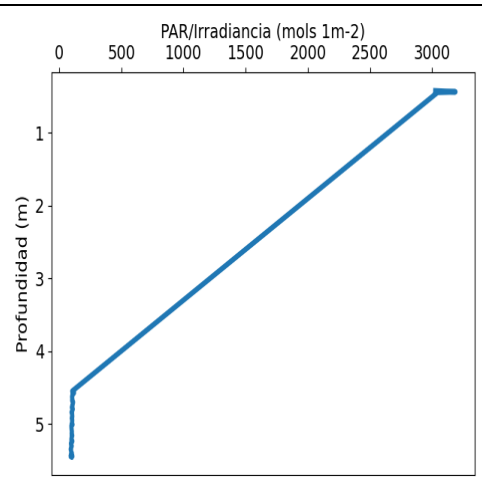












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.95	6.78	0.0	4.5	93.01	0.0	41.54
PROF (metros)	5.262	4.551	0.424	5.329	5.449	4.679	4.627
MÁXIMO	29.97	29.97	2.98	5.01	3187.0	0.33	41.56
PROF (metros)	0.424	0.424	0.445	0.424	0.438	5.404	0.424

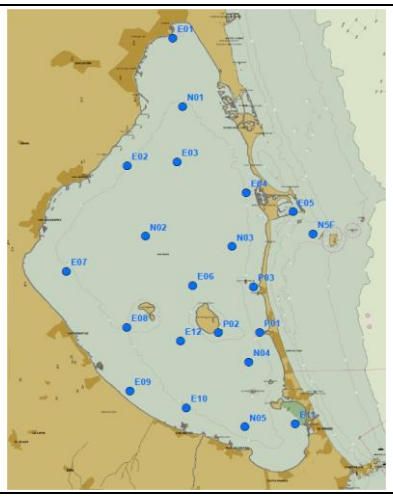
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.96	6.79	2.86	4.9	3115.15	0.21	41.56
4 - 5m	29.96	6.78	0.24	4.69	106.52	0.22	41.54
5 - 6m	29.96	6.78	0.2	4.62	100.31	0.27	41.54

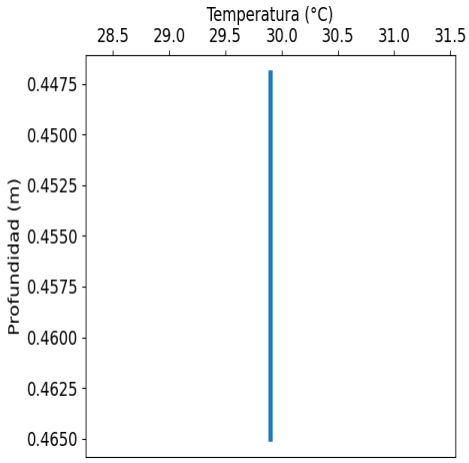
OBSERVACIONES GENERALES

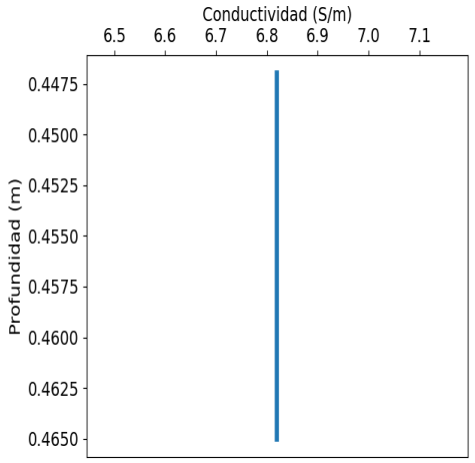
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.424	29.97	6.79	0.0	5.01	3024.3	0.22	41.56
0.438	29.96	6.79	2.75	4.96	3187.0	0.23	41.56
0.445	29.96	6.79	2.98	4.85	3043.3	0.2	41.56
4.551	29.96	6.78	0.19	4.65	105.19	0.17	41.55
4.565	29.96	6.78	0.27	4.71	108.64	0.22	41.55
4.574	29.96	6.78	0.3	4.79	120.61	0.02	41.55
4.6	29.96	6.78	0.57	4.9	107.78	0.22	41.55
4.627	29.96	6.78	0.3	4.92	103.98	0.29	41.54
4.655	29.96	6.78	0.15	4.91	106.12	0.27	41.54
4.679	29.96	6.78	0.08	4.87	104.63	0.0	41.54
4.701	29.96	6.78	0.19	4.82	113.08	0.21	41.54
4.725	29.96	6.78	0.3	4.76	110.18	0.25	41.54
4.746	29.96	6.78	0.42	4.71	107.48	0.29	41.54
4.756	29.96	6.78	0.19	4.68	107.26	0.14	41.54
4.76	29.96	6.78	0.23	4.66	104.2	0.2	41.54
4.776	29.96	6.78	0.15	4.64	102.47	0.27	41.54
4.798	29.96	6.78	0.19	4.62	110.54	0.26	41.54
4.818	29.96	6.78	0.3	4.61	105.39	0.31	41.54
4.84	29.96	6.78	0.34	4.59	99.94	0.24	41.54
4.871	29.96	6.78	0.15	4.57	104.75	0.26	41.54
4.904	29.96	6.78	0.19	4.56	106.0	0.22	41.54
4.923	29.96	6.78	0.15	4.56	101.46	0.2	41.54
4.934	29.96	6.78	0.19	4.57	104.58	0.22	41.54
4.955	29.96	6.78	0.19	4.58	105.39	0.25	41.54
4.987	29.96	6.78	0.11	4.59	103.67	0.23	41.54
5.006	29.96	6.78	0.34	4.62	102.78	0.25	41.54
5.009	29.96	6.78	0.11	4.63	108.38	0.22	41.54
5.01	29.96	6.78	0.15	4.62	105.51	0.19	41.54
5.023	29.96	6.78	0.27	4.63	98.97	0.23	41.54
5.048	29.96	6.78	0.34	4.66	99.36	0.26	41.54
5.076	29.96	6.78	0.3	4.69	100.47	0.31	41.54
5.106	29.96	6.78	0.27	4.73	102.78	0.24	41.54
5.136	29.96	6.78	0.19	4.76	100.73	0.26	41.54
5.161	29.96	6.78	0.08	4.77	105.68	0.23	41.54
5.18	29.96	6.78	0.19	4.78	102.33	0.23	41.54
5.199	29.96	6.78	0.11	4.76	99.68	0.24	41.54
5.221	29.96	6.78	0.15	4.73	98.9	0.29	41.54
5.238	29.96	6.78	0.27	4.7	106.39	0.29	41.55
5.252	29.96	6.78	0.23	4.64	103.12	0.29	41.55

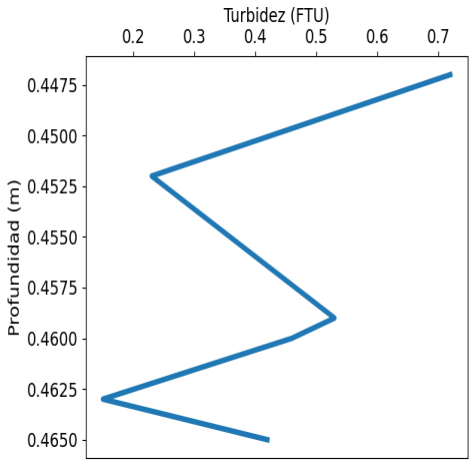
5.262	29.95	6.78	0.19	4.59	95.97	0.31	41.54
5.278	29.95	6.78	0.27	4.54	95.48	0.28	41.54
5.304	29.95	6.78	0.23	4.51	101.72	0.31	41.54
5.329	29.95	6.78	0.23	4.5	96.26	0.32	41.54
5.349	29.95	6.78	0.08	4.5	93.31	0.32	41.54
5.367	29.95	6.78	0.19	4.51	95.88	0.3	41.54
5.387	29.95	6.78	0.34	4.53	98.06	0.32	41.54
5.404	29.95	6.78	0.19	4.56	102.66	0.33	41.54
5.416	29.95	6.78	0.3	4.59	97.78	0.24	41.54
5.432	29.95	6.78	0.08	4.6	93.46	0.25	41.54
5.442	29.95	6.78	0.11	4.59	105.07	0.25	41.54
5.446	29.95	6.78	0.08	4.58	106.96	0.26	41.54
5.449	29.95	6.78	0.23	4.57	93.01	0.27	41.54
5.451	29.95	6.78	0.11	4.54	97.88	0.3	41.54

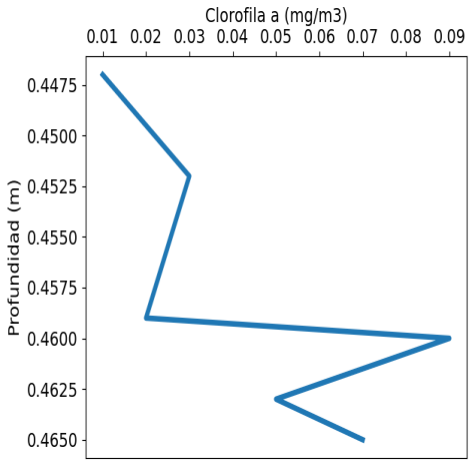
Nombre: CTD E01 - Punto 005 **Fecha: 18/07/2022** **Hora: 07:07:15**

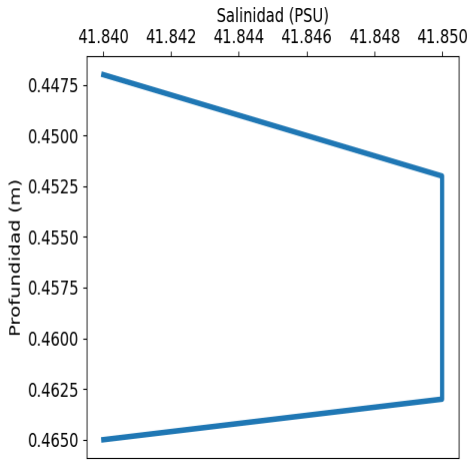


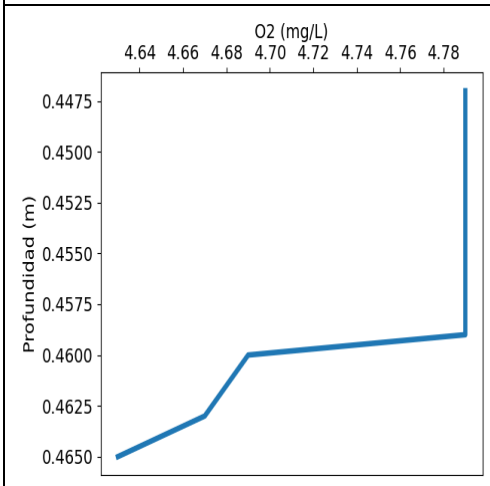


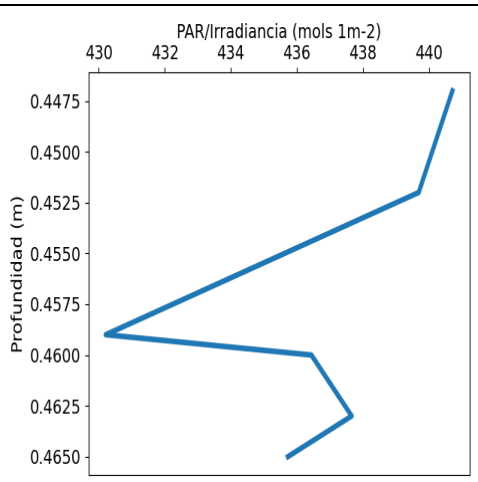












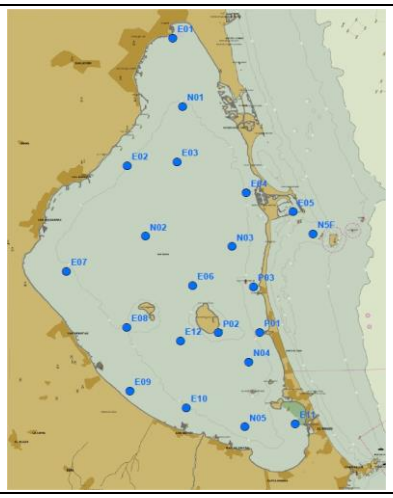
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.9	6.82	0.15	4.63	430.21	0.01	41.84
PROF (metros)	0.447	0.447	0.463	0.465	0.459	0.447	0.465
MÁXIMO	29.9	29.9	0.73	4.79	440.71	0.09	41.85
PROF (metros)	0.447	0.447	0.447	0.447	0.447	0.46	0.447

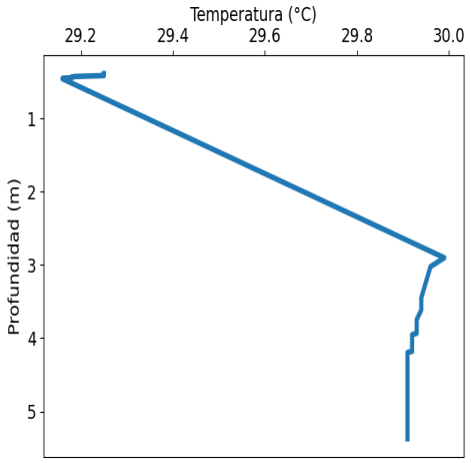
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.9	6.82	0.42	4.73	436.74	0.04	41.85

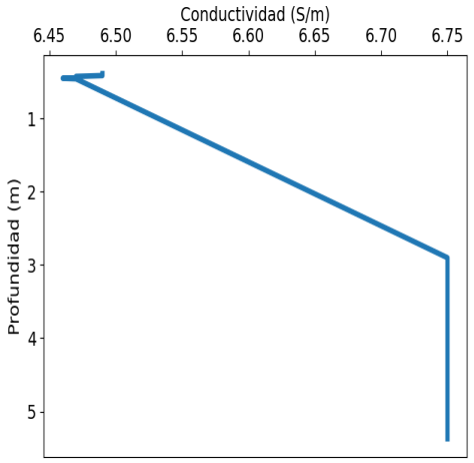
OBSERVACIONES GENERALES

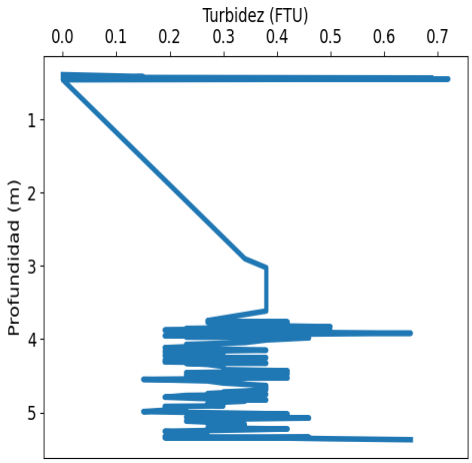
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.447	29.9	6.82	0.72	4.79	440.71	0.01	41.84
0.452	29.9	6.82	0.23	4.79	439.69	0.03	41.85
0.459	29.9	6.82	0.53	4.79	430.21	0.02	41.85
0.46	29.9	6.82	0.46	4.69	436.44	0.09	41.85
0.463	29.9	6.82	0.15	4.67	437.66	0.05	41.85
0.465	29.9	6.82	0.42	4.63	435.73	0.07	41.84

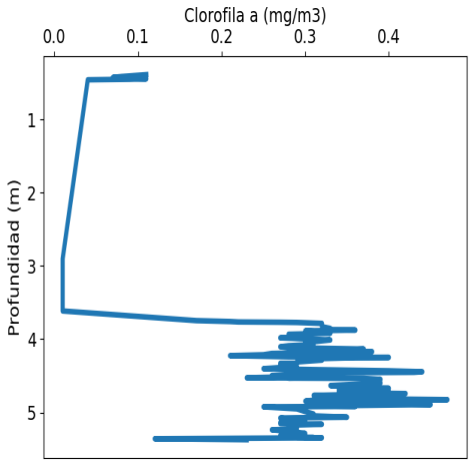
Nombre: CTD E04 - Punto 006 **Fecha: 18/07/2022** **Hora: 07:07:07**

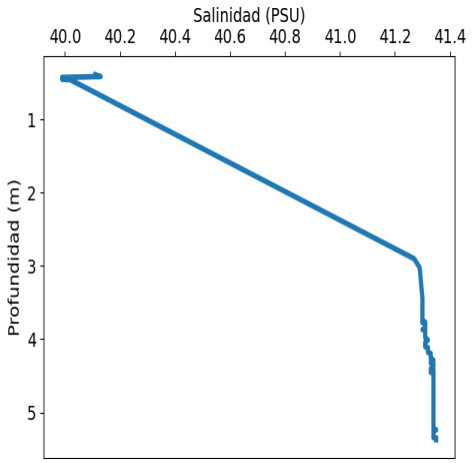


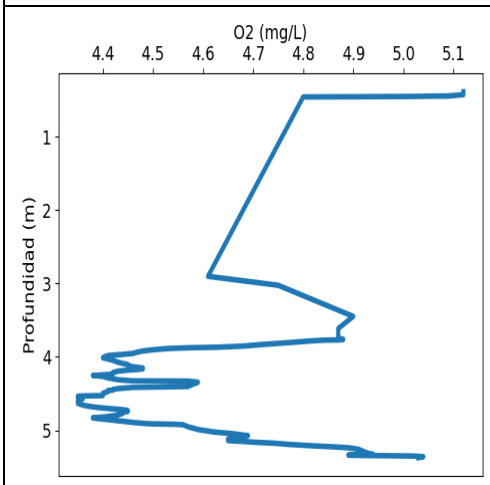


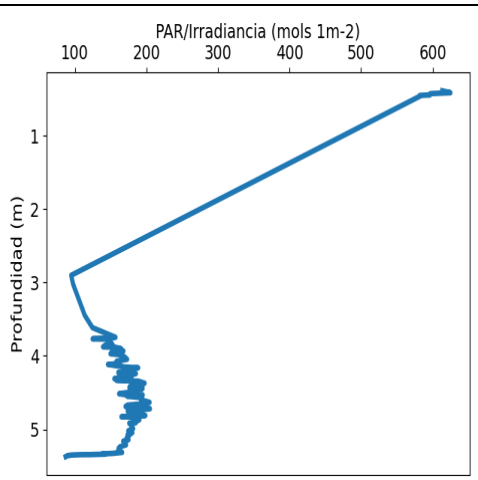


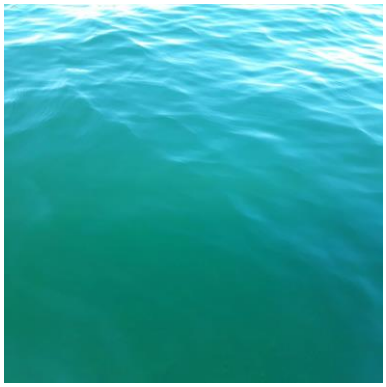












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.16	6.46	0.0	4.35	87.19	0.01	39.99
PROF (metros)	0.451	0.451	0.388	4.536	5.373	2.902	0.426
MÁXIMO	29.99	29.99	0.73	5.12	624.95	0.47	41.35
PROF (metros)	2.902	2.902	0.447	0.388	0.414	4.826	5.238

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	29.19	6.47	0.45	5.08	597.87	0.08	40.02
2 - 3m	29.99	6.75	0.34	4.61	94.9	0.01	41.27
3 - 4m	29.93	6.75	0.35	4.67	144.76	0.25	41.31
4 - 5m	29.91	6.75	0.29	4.44	178.52	0.33	41.33
5 - 6m	29.91	6.75	0.32	4.82	153.13	0.28	41.34

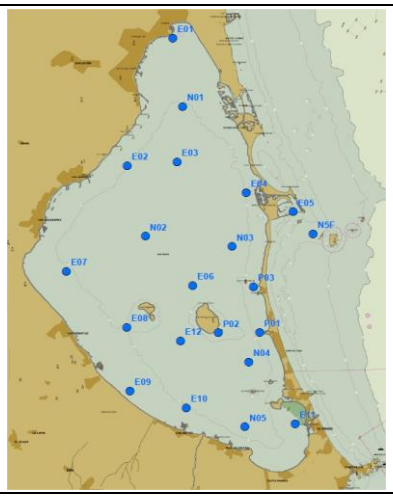
OBSERVACIONES GENERALES

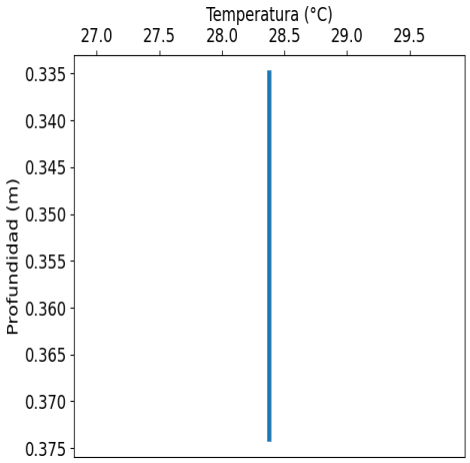
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.388	29.25	6.49	0.0	5.12	613.33	0.11	40.11
0.414	29.25	6.49	0.15	5.12	624.95	0.08	40.13
0.426	29.19	6.47	0.11	5.12	597.33	0.07	39.99
0.433	29.18	6.47	0.69	5.11	595.68	0.08	39.99
0.445	29.18	6.47	0.0	5.09	596.09	0.11	40.01
0.447	29.17	6.47	0.72	5.05	589.22	0.1	39.99
0.451	29.16	6.46	0.57	5.02	582.16	0.09	39.99
0.458	29.16	6.47	0.0	4.8	582.84	0.04	40.02
2.902	29.99	6.75	0.34	4.61	94.9	0.01	41.27
3.024	29.96	6.75	0.38	4.75	97.63	0.01	41.29
3.448	29.94	6.75	0.38	4.9	113.9	0.01	41.3
3.615	29.94	6.75	0.38	4.87	124.61	0.01	41.3
3.747	29.93	6.75	0.27	4.87	156.9	0.17	41.3
3.759	29.93	6.75	0.3	4.88	144.81	0.21	41.3
3.765	29.93	6.75	0.42	4.88	125.72	0.22	41.31
3.769	29.93	6.75	0.27	4.87	124.76	0.27	41.3
3.772	29.93	6.75	0.3	4.84	150.24	0.29	41.3
3.785	29.93	6.75	0.38	4.81	147.72	0.32	41.31
3.806	29.93	6.75	0.3	4.77	146.19	0.32	41.31
3.83	29.93	6.75	0.5	4.72	151.85	0.32	41.31
3.853	29.93	6.75	0.23	4.68	142.41	0.33	41.31
3.868	29.93	6.75	0.27	4.63	154.16	0.32	41.3
3.876	29.93	6.75	0.19	4.57	139.31	0.36	41.31
3.886	29.93	6.75	0.5	4.53	157.77	0.3	41.31
3.903	29.93	6.75	0.38	4.5	164.8	0.32	41.31
3.919	29.93	6.75	0.65	4.48	153.69	0.33	41.31
3.933	29.93	6.75	0.42	4.47	168.0	0.28	41.31
3.953	29.92	6.75	0.19	4.46	151.36	0.28	41.31
3.966	29.92	6.75	0.38	4.44	157.63	0.29	41.31
3.971	29.92	6.75	0.23	4.43	149.69	0.3	41.31
3.982	29.92	6.75	0.46	4.41	161.55	0.27	41.31
4.011	29.92	6.75	0.38	4.4	169.17	0.33	41.32
4.046	29.92	6.75	0.34	4.42	173.1	0.3	41.31
4.072	29.92	6.75	0.23	4.43	158.58	0.31	41.31
4.09	29.92	6.75	0.27	4.44	157.37	0.28	41.31
4.104	29.92	6.75	0.23	4.45	162.94	0.27	41.31
4.116	29.92	6.75	0.19	4.45	146.22	0.28	41.32

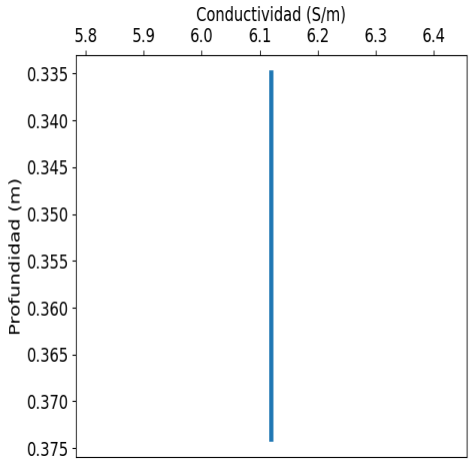
4.135	29.92	6.75	0.3	4.46	158.43	0.37	41.32
4.151	29.92	6.75	0.38	4.48	169.49	0.35	41.32
4.163	29.92	6.75	0.27	4.48	188.64	0.31	41.32
4.171	29.92	6.75	0.19	4.47	177.49	0.38	41.32
4.18	29.92	6.75	0.23	4.45	173.66	0.32	41.32
4.195	29.91	6.75	0.3	4.43	181.9	0.26	41.33
4.213	29.91	6.75	0.27	4.42	178.27	0.25	41.33
4.225	29.91	6.75	0.19	4.42	160.69	0.21	41.33
4.234	29.91	6.75	0.27	4.42	174.47	0.25	41.33
4.241	29.91	6.75	0.27	4.41	185.44	0.28	41.33
4.249	29.91	6.75	0.27	4.39	172.5	0.4	41.33
4.253	29.91	6.75	0.38	4.38	161.7	0.36	41.33
4.265	29.91	6.75	0.27	4.4	180.64	0.32	41.33
4.286	29.91	6.75	0.19	4.41	175.12	0.32	41.34
4.311	29.91	6.75	0.19	4.43	155.16	0.29	41.33
4.327	29.91	6.75	0.38	4.46	168.23	0.29	41.33
4.329	29.91	6.75	0.38	4.54	177.98	0.29	41.34
4.33	29.91	6.75	0.23	4.57	157.74	0.27	41.34
4.345	29.91	6.75	0.27	4.59	188.82	0.27	41.34
4.372	29.91	6.75	0.3	4.58	197.55	0.29	41.34
4.403	29.91	6.75	0.3	4.57	193.07	0.25	41.33
4.416	29.91	6.75	0.3	4.46	176.91	0.31	41.34
4.432	29.91	6.75	0.42	4.43	176.18	0.4	41.34
4.445	29.91	6.75	0.34	4.42	194.77	0.44	41.33
4.453	29.91	6.75	0.27	4.42	183.6	0.43	41.33
4.458	29.91	6.75	0.23	4.41	186.99	0.35	41.34
4.473	29.91	6.75	0.42	4.41	187.34	0.29	41.34
4.496	29.91	6.75	0.23	4.4	175.97	0.26	41.34
4.516	29.91	6.75	0.27	4.4	161.7	0.27	41.34
4.528	29.91	6.75	0.27	4.4	170.71	0.23	41.34
4.53	29.91	6.75	0.42	4.38	178.64	0.29	41.34
4.532	29.91	6.75	0.34	4.36	194.91	0.28	41.34
4.536	29.91	6.75	0.34	4.35	181.4	0.37	41.34
4.549	29.91	6.75	0.15	4.35	173.02	0.39	41.34
4.57	29.91	6.75	0.27	4.36	193.96	0.37	41.34
4.599	29.91	6.75	0.3	4.35	192.49	0.39	41.34
4.633	29.91	6.75	0.38	4.35	204.58	0.33	41.34
4.656	29.91	6.75	0.38	4.36	191.33	0.36	41.34
4.671	29.91	6.75	0.38	4.37	173.5	0.4	41.34
4.69	29.91	6.75	0.38	4.39	170.79	0.34	41.34
4.708	29.91	6.75	0.34	4.42	181.27	0.39	41.34
4.72	29.91	6.75	0.3	4.44	205.11	0.4	41.34
4.731	29.91	6.75	0.3	4.45	196.82	0.34	41.34
4.743	29.91	6.75	0.27	4.45	178.85	0.42	41.34
4.754	29.91	6.75	0.38	4.44	173.74	0.37	41.34
4.768	29.91	6.75	0.23	4.44	178.39	0.31	41.34
4.792	29.91	6.75	0.19	4.43	189.56	0.41	41.34
4.813	29.91	6.75	0.27	4.41	198.65	0.37	41.34
4.826	29.91	6.75	0.3	4.39	187.64	0.47	41.34
4.83	29.91	6.75	0.38	4.38	164.99	0.42	41.34
4.832	29.91	6.75	0.34	4.38	174.19	0.31	41.34
4.847	29.91	6.75	0.34	4.4	186.73	0.3	41.34
4.87	29.91	6.75	0.27	4.43	190.27	0.37	41.34
4.893	29.91	6.75	0.27	4.46	185.31	0.45	41.34
4.911	29.91	6.75	0.3	4.49	185.22	0.32	41.34
4.918	29.91	6.75	0.19	4.54	175.97	0.36	41.34
4.924	29.91	6.75	0.19	4.56	177.12	0.25	41.34
4.952	29.91	6.75	0.23	4.57	179.18	0.29	41.34

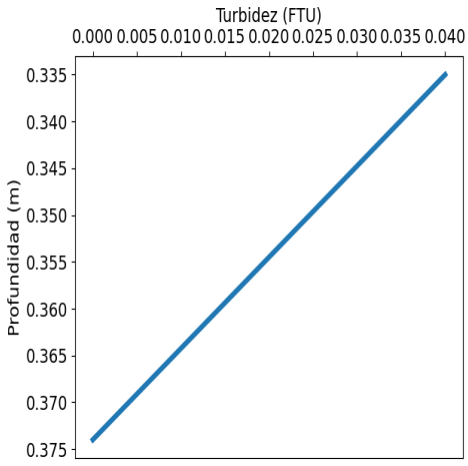
4.989	29.91	6.75	0.15	4.59	181.57	0.3	41.34
5.022	29.91	6.75	0.42	4.62	174.51	0.31	41.34
5.047	29.91	6.75	0.27	4.66	180.43	0.31	41.34
5.066	29.91	6.75	0.23	4.68	175.77	0.35	41.34
5.073	29.91	6.75	0.3	4.69	173.66	0.29	41.34
5.077	29.91	6.75	0.46	4.68	176.83	0.27	41.34
5.093	29.91	6.75	0.3	4.67	173.66	0.28	41.34
5.119	29.91	6.75	0.23	4.65	172.38	0.3	41.34
5.141	29.91	6.75	0.3	4.65	175.2	0.27	41.34
5.152	29.91	6.75	0.27	4.68	172.38	0.27	41.34
5.162	29.91	6.75	0.34	4.7	167.57	0.32	41.34
5.175	29.91	6.75	0.34	4.74	168.31	0.28	41.34
5.192	29.91	6.75	0.3	4.77	169.53	0.29	41.34
5.212	29.91	6.75	0.27	4.82	171.7	0.29	41.34
5.226	29.91	6.75	0.42	4.86	166.95	0.29	41.34
5.238	29.91	6.75	0.34	4.89	163.2	0.26	41.35
5.258	29.91	6.75	0.19	4.91	161.14	0.28	41.34
5.287	29.91	6.75	0.27	4.92	160.69	0.3	41.34
5.315	29.91	6.75	0.23	4.93	166.26	0.27	41.34
5.329	29.91	6.75	0.19	4.94	152.49	0.28	41.34
5.335	29.91	6.75	0.19	4.9	138.54	0.29	41.34
5.339	29.91	6.75	0.46	4.89	142.48	0.29	41.34
5.343	29.91	6.75	0.38	4.92	128.45	0.31	41.34
5.345	29.91	6.75	0.19	4.94	121.7	0.3	41.34
5.346	29.91	6.75	0.27	4.96	108.38	0.32	41.35
5.351	29.91	6.75	0.42	5.02	95.52	0.26	41.35
5.36	29.91	6.75	0.5	5.04	89.54	0.12	41.35
5.373	29.91	6.75	0.65	5.03	87.19	0.23	41.35

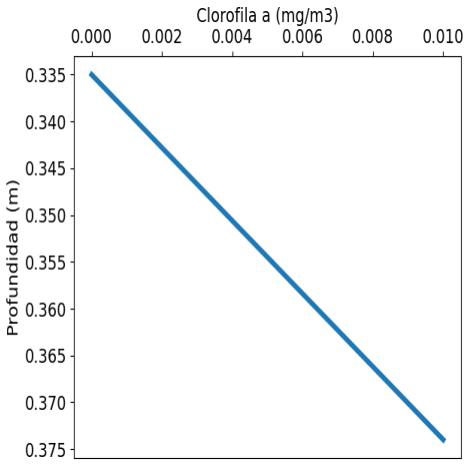
Nombre: CTD E05 - Punto 007 **Fecha: 18/07/2022** **Hora: 08:07:30**

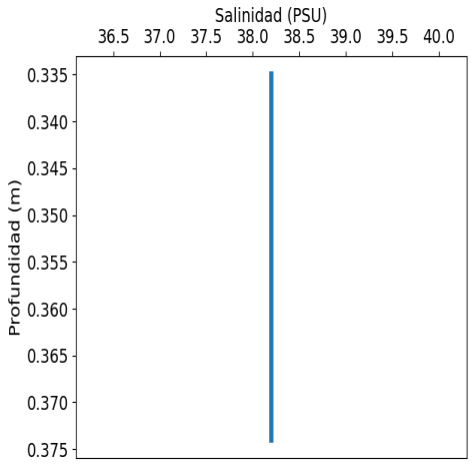


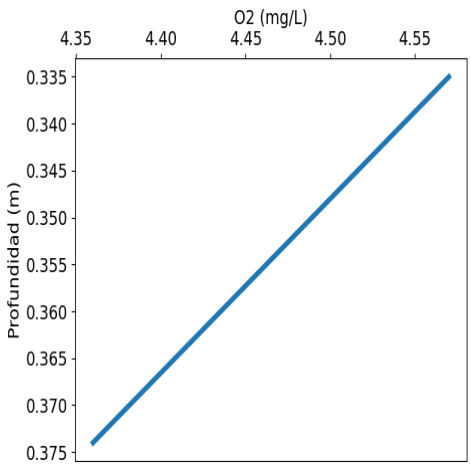


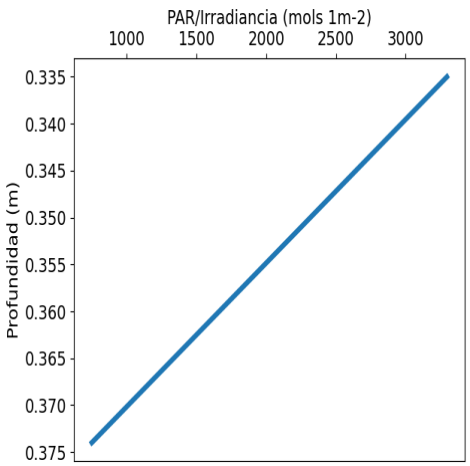












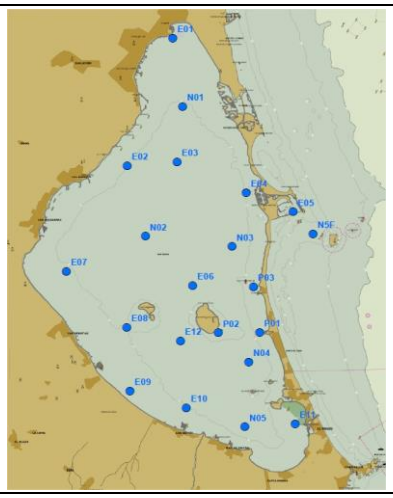
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.38	6.12	0.0	4.36	749.48	0.0	38.2
PROF (metros)	0.335	0.335	0.374	0.374	0.374	0.335	0.335
MÁXIMO	28.38	28.38	0.04	4.57	3295.9	0.01	38.2
PROF (metros)	0.335	0.335	0.335	0.335	0.335	0.374	0.335

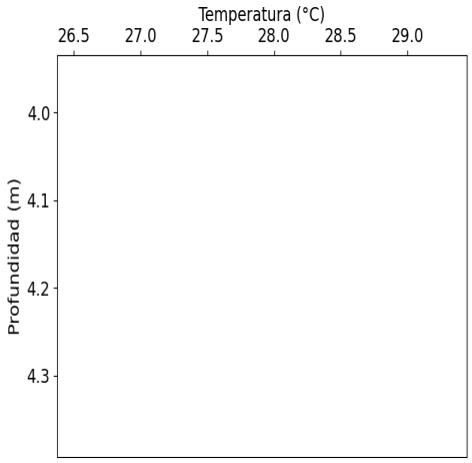
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	28.38	6.12	0.04	4.57	3295.9	0.0	38.2

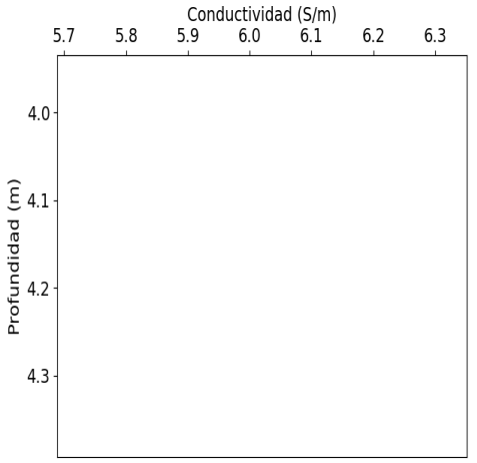
OBSERVACIONES GENERALES

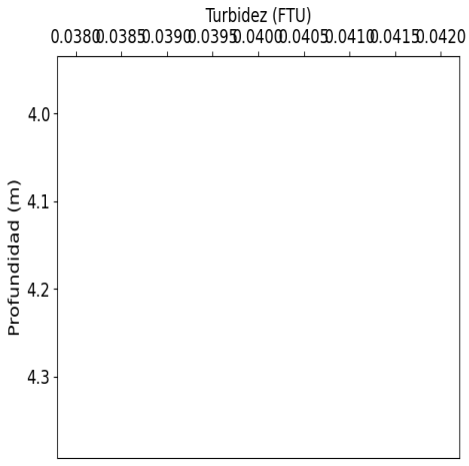
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.335	28.38	6.12	0.04	4.57	3295.9	0.0	38.2
0.374	28.38	6.12	0.0	4.36	749.48	0.01	38.2

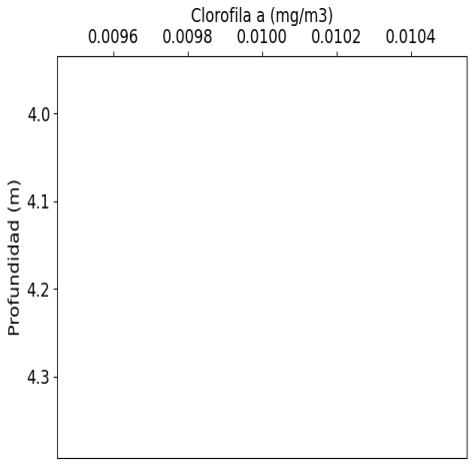
Nombre: CTD N5F - Punto 008 **Fecha: 18/07/2022** **Hora: 08:07:10**

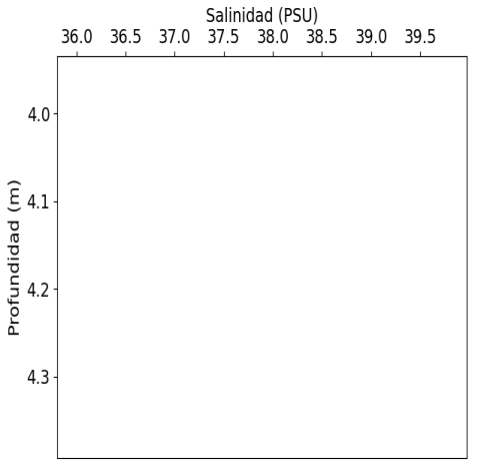


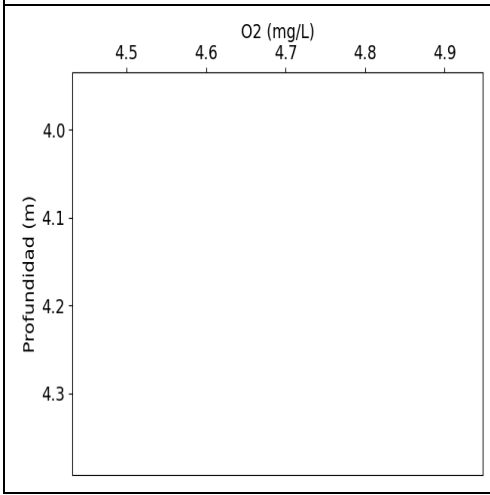


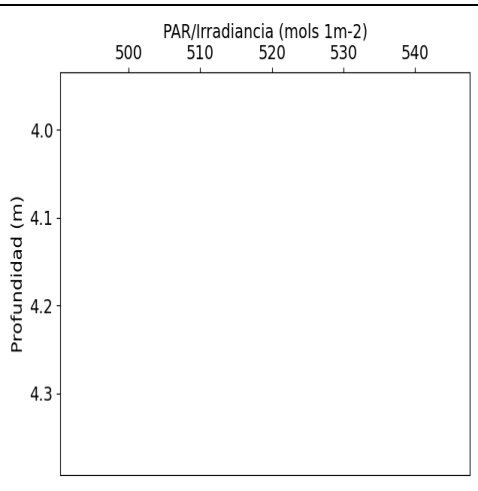












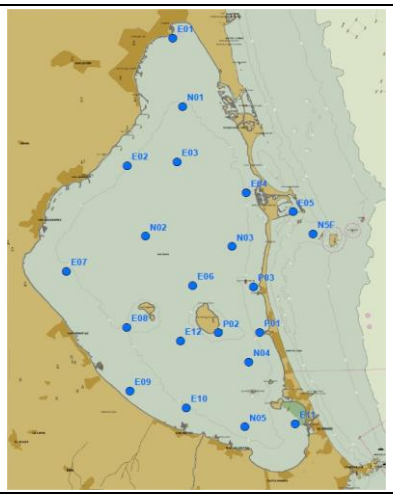
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	27.91	6.02	0.04	4.69	519.06	0.01	37.89
PROF (metros)	4.164	4.164	4.164	4.164	4.164	4.164	4.164
MÁXIMO	27.91	27.91	0.04	4.69	519.06	0.01	37.89
PROF (metros)	4.164	4.164	4.164	4.164	4.164	4.164	4.164

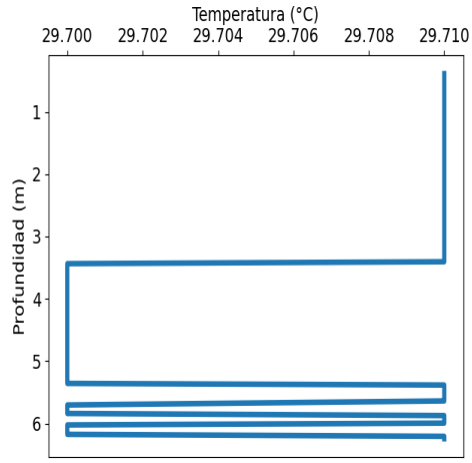
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
4 - 5m	27.91	6.02	0.04	4.69	519.06	0.01	37.89

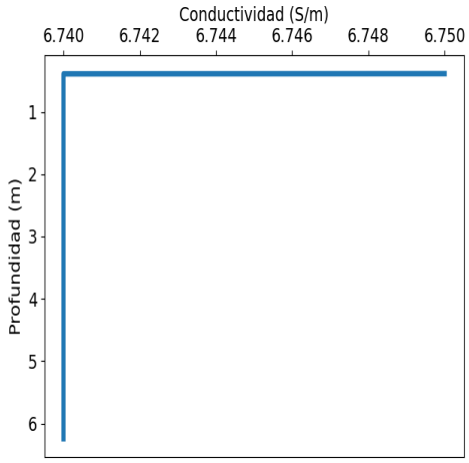
OBSERVACIONES GENERALES

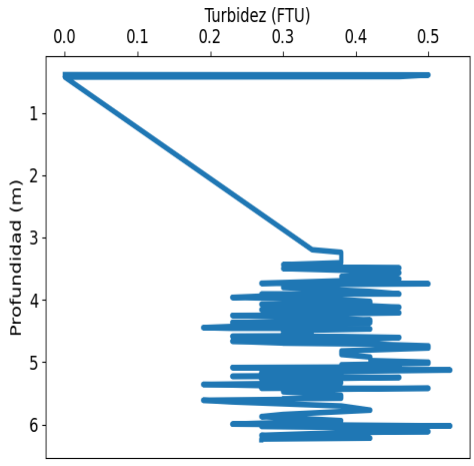
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
4.164	27.91	6.02	0.04	4.69	519.06	0.01	37.89

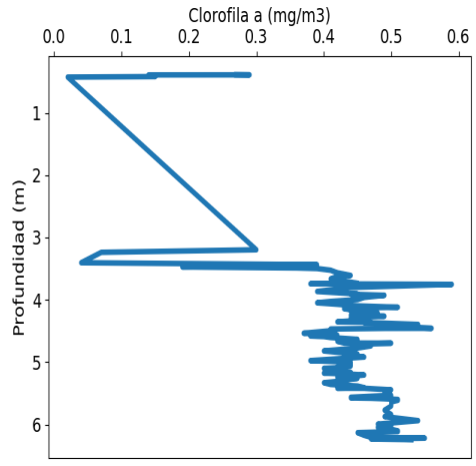
Nombre: CTD N03 - Punto 009 **Fecha: 18/07/2022** **Hora: 09:07:05**

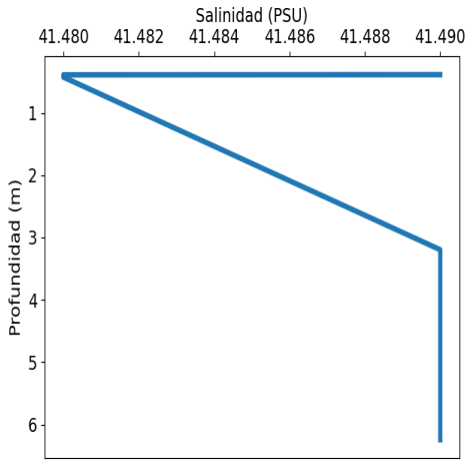


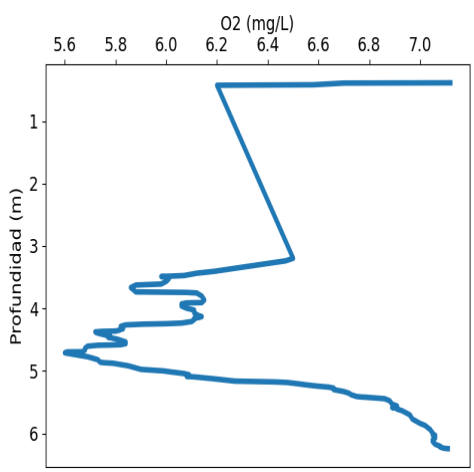


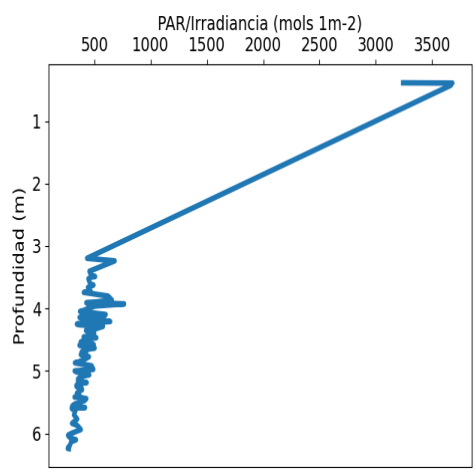












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.7	6.74	0.0	5.6	261.86	0.02	41.48
PROF (metros)	3.474	0.392	0.389	4.711	6.242	0.428	0.392
MÁXIMO	29.71	29.71	0.53	7.12	3682.0	0.59	41.49
PROF (metros)	0.389	0.389	5.128	0.389	0.393	3.753	0.389

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	29.71	6.74	0.47	6.7	3629.7	0.19	41.48
3 - 4m	29.7	6.74	0.37	6.09	501.23	0.38	41.49
4 - 5m	29.7	6.74	0.35	5.85	440.81	0.45	41.49
5 - 6m	29.7	6.74	0.34	6.64	359.8	0.46	41.49
6 - 7m	29.7	6.74	0.35	7.07	282.7	0.5	41.49

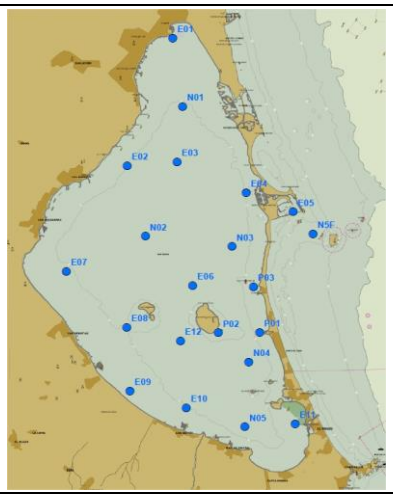
OBSERVACIONES GENERALES

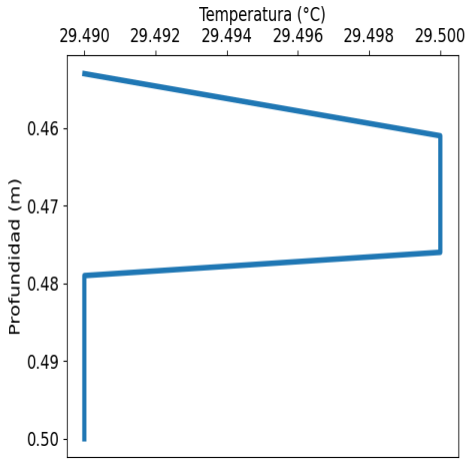
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.389	29.71	6.75	0.0	7.12	3242.1	0.27	41.49
0.392	29.71	6.74	0.46	6.81	3548.0	0.29	41.48
0.393	29.71	6.74	0.5	6.7	3682.0	0.14	41.48
0.42	29.71	6.74	0.46	6.58	3659.1	0.15	41.48
0.428	29.71	6.74	0.0	6.2	3667.6	0.02	41.48
3.198	29.71	6.74	0.34	6.5	433.52	0.3	41.49
3.239	29.71	6.74	0.38	6.47	680.12	0.07	41.49
3.406	29.71	6.74	0.38	6.19	454.82	0.04	41.49
3.437	29.7	6.74	0.3	6.12	461.83	0.39	41.49
3.474	29.7	6.74	0.34	6.07	478.28	0.19	41.49
3.49	29.7	6.74	0.46	5.98	506.7	0.36	41.49
3.499	29.7	6.74	0.3	6.01	472.33	0.39	41.49
3.526	29.7	6.74	0.38	6.01	445.43	0.41	41.49
3.567	29.7	6.74	0.46	6.0	453.35	0.42	41.49
3.61	29.7	6.74	0.42	5.98	464.84	0.44	41.49
3.626	29.7	6.74	0.38	5.88	492.11	0.42	41.49
3.666	29.7	6.74	0.46	5.86	440.91	0.41	41.49
3.736	29.7	6.74	0.27	5.88	469.28	0.45	41.49
3.744	29.7	6.74	0.5	6.08	404.4	0.38	41.49
3.753	29.7	6.74	0.38	6.12	440.1	0.59	41.49
3.803	29.7	6.74	0.3	6.14	621.48	0.44	41.49
3.867	29.7	6.74	0.42	6.15	655.21	0.39	41.49
3.907	29.7	6.74	0.46	6.14	466.68	0.45	41.49
3.91	29.7	6.74	0.27	6.1	426.64	0.44	41.49
3.912	29.7	6.74	0.38	6.08	543.94	0.44	41.49
3.928	29.7	6.74	0.3	6.06	764.22	0.49	41.49
3.962	29.7	6.74	0.23	6.06	507.99	0.46	41.49
3.997	29.7	6.74	0.38	6.08	444.2	0.45	41.49
4.027	29.7	6.74	0.42	6.11	413.02	0.41	41.49
4.049	29.7	6.74	0.42	6.11	370.73	0.39	41.49
4.072	29.7	6.74	0.27	6.11	481.84	0.42	41.49
4.098	29.7	6.74	0.42	6.12	600.39	0.45	41.49
4.12	29.7	6.74	0.46	6.13	589.9	0.51	41.49
4.131	29.7	6.74	0.42	6.14	478.06	0.45	41.49
4.144	29.7	6.74	0.42	6.13	366.55	0.43	41.49
4.159	29.7	6.74	0.27	6.11	385.54	0.44	41.49
4.181	29.7	6.74	0.3	6.11	480.06	0.44	41.49

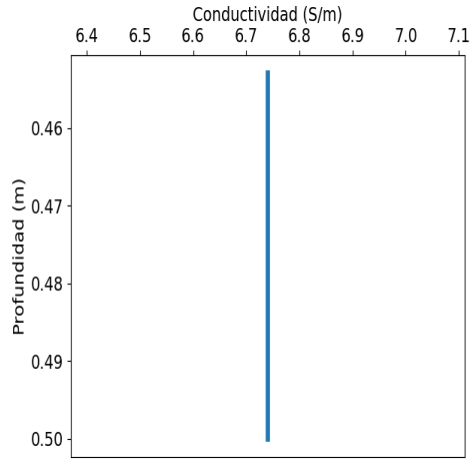
4.21	29.7	6.74	0.46	6.1	640.94	0.48	41.49
4.235	29.7	6.74	0.3	6.06	453.14	0.47	41.49
4.245	29.7	6.74	0.34	6.0	347.92	0.44	41.49
4.252	29.7	6.74	0.23	5.91	342.72	0.47	41.49
4.264	29.7	6.74	0.27	5.84	370.82	0.49	41.49
4.287	29.7	6.74	0.34	5.82	576.79	0.44	41.49
4.325	29.7	6.74	0.42	5.83	514.75	0.46	41.49
4.354	29.7	6.74	0.38	5.81	423.49	0.42	41.49
4.363	29.7	6.74	0.23	5.8	434.93	0.47	41.49
4.367	29.7	6.74	0.42	5.75	479.5	0.46	41.49
4.376	29.7	6.74	0.27	5.72	470.48	0.49	41.49
4.396	29.7	6.74	0.3	5.73	498.66	0.54	41.49
4.447	29.7	6.74	0.19	5.78	460.02	0.54	41.49
4.458	29.7	6.74	0.23	5.78	402.81	0.56	41.49
4.459	29.7	6.74	0.38	5.77	432.01	0.49	41.49
4.469	29.7	6.74	0.42	5.78	517.38	0.41	41.49
4.497	29.7	6.74	0.3	5.81	438.57	0.41	41.49
4.537	29.7	6.74	0.3	5.84	376.8	0.37	41.49
4.565	29.7	6.74	0.34	5.84	458.0	0.42	41.49
4.581	29.7	6.74	0.3	5.82	494.86	0.38	41.49
4.586	29.7	6.74	0.23	5.78	389.49	0.39	41.49
4.59	29.7	6.74	0.38	5.73	365.78	0.4	41.49
4.605	29.7	6.74	0.46	5.69	445.33	0.41	41.49
4.635	29.7	6.74	0.42	5.68	502.84	0.45	41.49
4.665	29.7	6.74	0.23	5.68	407.98	0.42	41.49
4.694	29.7	6.74	0.3	5.67	386.35	0.43	41.49
4.696	29.7	6.74	0.3	5.61	427.13	0.5	41.49
4.711	29.7	6.74	0.42	5.6	389.86	0.45	41.49
4.74	29.7	6.74	0.5	5.64	377.58	0.47	41.49
4.774	29.7	6.74	0.5	5.69	451.67	0.45	41.49
4.821	29.7	6.74	0.38	5.73	406.37	0.4	41.49
4.863	29.7	6.74	0.38	5.74	349.05	0.44	41.49
4.871	29.7	6.74	0.38	5.76	325.3	0.45	41.49
4.878	29.7	6.74	0.38	5.79	345.75	0.43	41.49
4.919	29.7	6.74	0.42	5.85	474.86	0.46	41.49
4.976	29.7	6.74	0.42	5.9	490.52	0.38	41.49
5.001	29.7	6.74	0.5	5.99	323.05	0.44	41.49
5.018	29.7	6.74	0.5	6.02	344.79	0.44	41.49
5.043	29.7	6.74	0.38	6.07	393.58	0.44	41.49
5.063	29.7	6.74	0.38	6.09	454.93	0.44	41.49
5.077	29.7	6.74	0.46	6.09	418.7	0.42	41.49
5.087	29.7	6.74	0.23	6.08	400.67	0.43	41.49
5.1	29.7	6.74	0.3	6.12	382.07	0.4	41.49
5.128	29.7	6.74	0.53	6.19	353.12	0.41	41.49
5.164	29.7	6.74	0.27	6.27	353.28	0.44	41.49
5.177	29.7	6.74	0.3	6.43	397.43	0.4	41.49
5.187	29.7	6.74	0.27	6.48	432.01	0.43	41.49
5.207	29.7	6.74	0.38	6.52	362.58	0.46	41.49
5.228	29.7	6.74	0.23	6.56	340.03	0.44	41.49
5.246	29.7	6.74	0.46	6.6	338.3	0.42	41.49
5.26	29.7	6.74	0.38	6.64	349.38	0.45	41.49
5.276	29.7	6.74	0.27	6.66	384.74	0.44	41.49
5.3	29.7	6.74	0.34	6.66	391.03	0.43	41.49
5.331	29.7	6.74	0.38	6.7	363.92	0.4	41.49
5.358	29.7	6.74	0.19	6.72	342.72	0.41	41.49
5.384	29.71	6.74	0.3	6.73	347.52	0.45	41.49
5.41	29.71	6.74	0.38	6.75	372.97	0.46	41.49
5.419	29.71	6.74	0.27	6.77	322.3	0.42	41.49

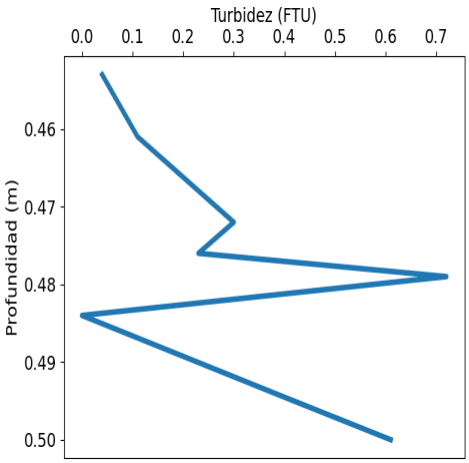
5.42	29.71	6.74	0.5	6.78	351.08	0.46	41.49
5.445	29.71	6.74	0.3	6.86	428.52	0.5	41.49
5.477	29.71	6.74	0.3	6.88	410.92	0.49	41.49
5.532	29.71	6.74	0.38	6.89	323.42	0.5	41.49
5.564	29.71	6.74	0.38	6.91	301.21	0.44	41.49
5.575	29.71	6.74	0.38	6.9	323.35	0.44	41.49
5.58	29.71	6.74	0.38	6.9	380.75	0.47	41.49
5.588	29.71	6.74	0.3	6.89	417.44	0.49	41.49
5.599	29.71	6.74	0.3	6.91	296.71	0.51	41.49
5.612	29.71	6.74	0.19	6.91	304.37	0.51	41.49
5.639	29.71	6.74	0.23	6.93	331.01	0.5	41.49
5.704	29.7	6.74	0.38	6.96	317.34	0.5	41.49
5.771	29.7	6.74	0.42	6.97	347.52	0.49	41.49
5.84	29.7	6.74	0.3	7.0	299.82	0.5	41.49
5.874	29.71	6.74	0.27	7.02	348.08	0.49	41.49
5.939	29.71	6.74	0.38	7.04	379.34	0.54	41.49
5.995	29.71	6.74	0.23	7.05	302.33	0.48	41.49
6.024	29.7	6.74	0.53	7.05	268.81	0.49	41.49
6.03	29.7	6.74	0.27	7.06	264.42	0.5	41.49
6.047	29.7	6.74	0.38	7.06	268.94	0.48	41.49
6.078	29.7	6.74	0.38	7.06	291.86	0.5	41.49
6.103	29.7	6.74	0.38	7.05	336.58	0.51	41.49
6.114	29.7	6.74	0.5	7.05	322.9	0.51	41.49
6.132	29.7	6.74	0.38	7.05	292.34	0.45	41.49
6.175	29.7	6.74	0.27	7.06	285.24	0.46	41.49
6.207	29.71	6.74	0.3	7.08	277.81	0.47	41.49
6.22	29.71	6.74	0.42	7.08	266.7	0.55	41.49
6.234	29.71	6.74	0.27	7.09	264.06	0.47	41.49
6.242	29.71	6.74	0.27	7.1	261.86	0.52	41.49
6.245	29.71	6.74	0.27	7.11	273.59	0.53	41.49

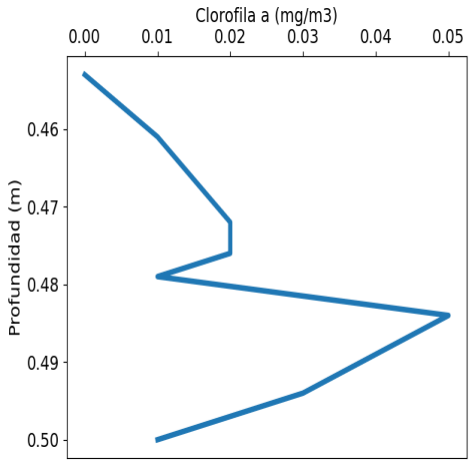
Nombre: CTD P03 - Punto 010 **Fecha: 18/07/2022** **Hora: 09:07:35**

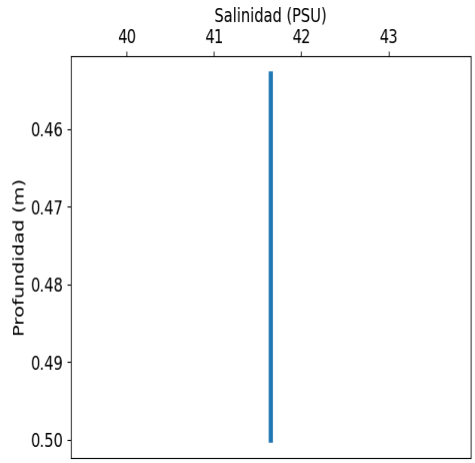


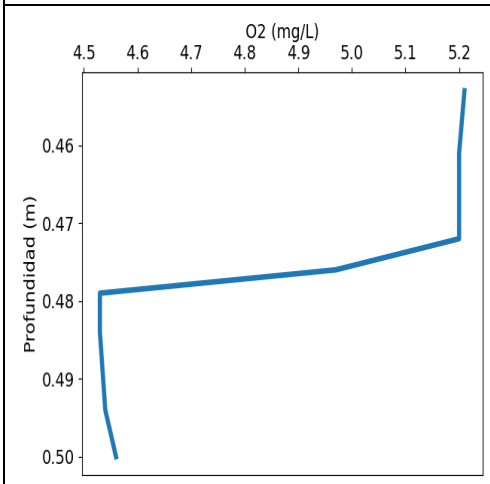


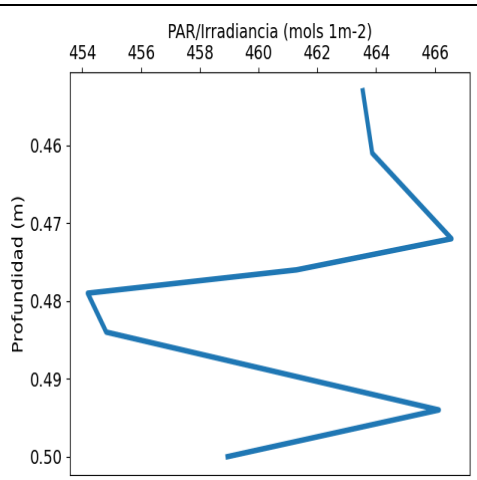












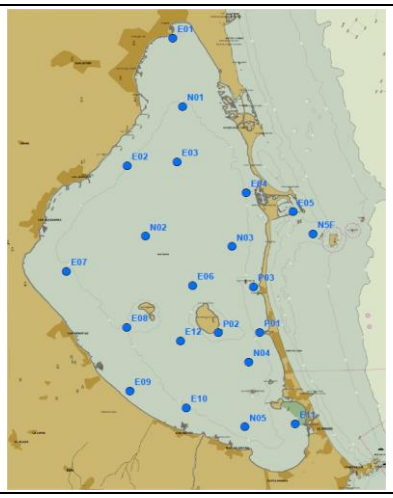
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.49	6.74	0.0	4.53	454.19	0.0	41.65
PROF (metros)	0.453	0.453	0.484	0.479	0.479	0.453	0.453
MÁXIMO	29.5	29.5	0.73	5.21	466.57	0.05	41.65
PROF (metros)	0.461	0.453	0.479	0.453	0.472	0.484	0.453

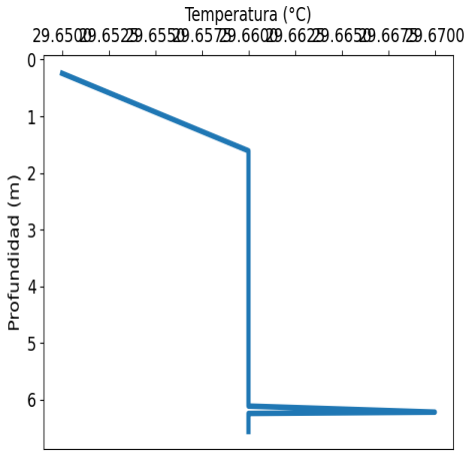
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.49	6.74	0.34	4.89	462.08	0.01	41.65

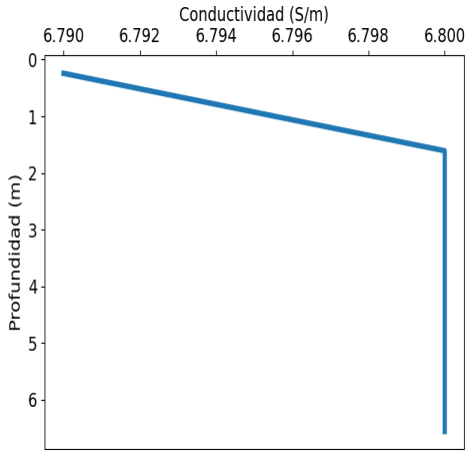
OBSERVACIONES GENERALES

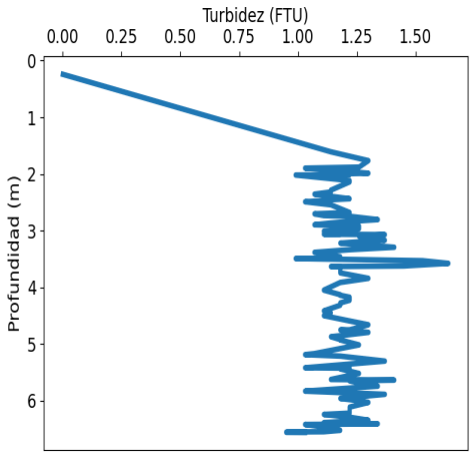
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.453	29.49	6.74	0.04	5.21	463.55	0.0	41.65
0.461	29.5	6.74	0.11	5.2	463.87	0.01	41.65
0.472	29.5	6.74	0.3	5.2	466.57	0.02	41.65
0.476	29.5	6.74	0.23	4.97	461.3	0.02	41.65
0.479	29.49	6.74	0.72	4.53	454.19	0.01	41.65
0.484	29.49	6.74	0.0	4.53	454.82	0.05	41.65
0.494	29.49	6.74	0.38	4.54	466.14	0.03	41.65
0.5	29.49	6.74	0.61	4.56	458.95	0.01	41.65

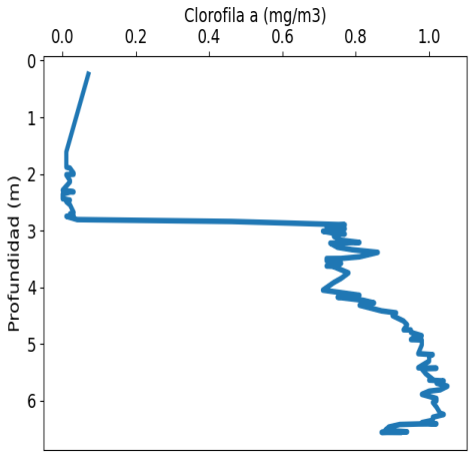
Nombre: CTD E06 - Punto 011 **Fecha: 18/07/2022** **Hora: 09:07:11**

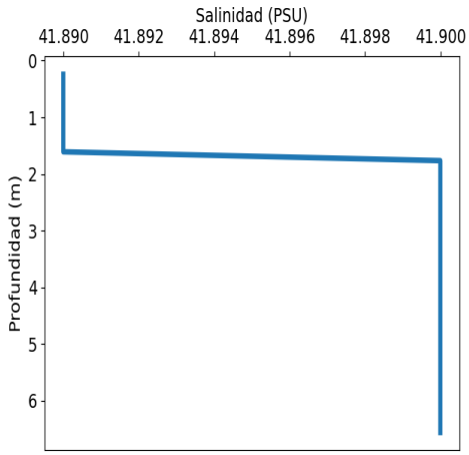


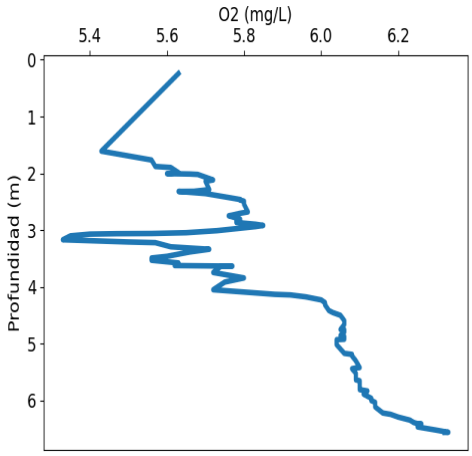


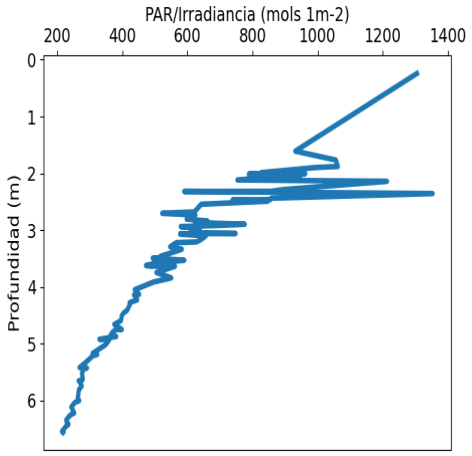












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.65	6.79	0.0	5.33	215.04	0.0	41.89
PROF (metros)	0.242	0.242	0.242	3.169	6.547	2.286	0.242
MÁXIMO	29.67	29.67	1.64	6.33	1353.1	1.05	41.9
PROF (metros)	6.219	1.609	3.577	6.558	2.356	5.743	1.765

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)
1 - 2m	29.66	6.8	1.21	5.56	974.19	0.02	41.9
2 - 3m	29.66	6.8	1.16	5.75	770.26	0.18	41.9
3 - 4m	29.66	6.8	1.24	5.6	566.96	0.76	41.9
4 - 5m	29.66	6.8	1.19	6.01	401.95	0.89	41.9
5 - 6m	29.66	6.8	1.2	6.09	285.38	1.0	41.9
6 - 7m	29.66	6.8	1.15	6.24	232.98	0.96	41.9

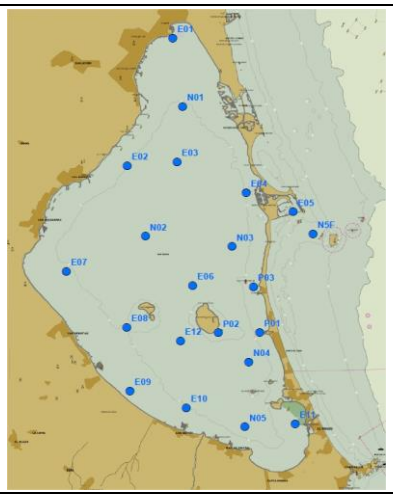
OBSERVACIONES GENERALES

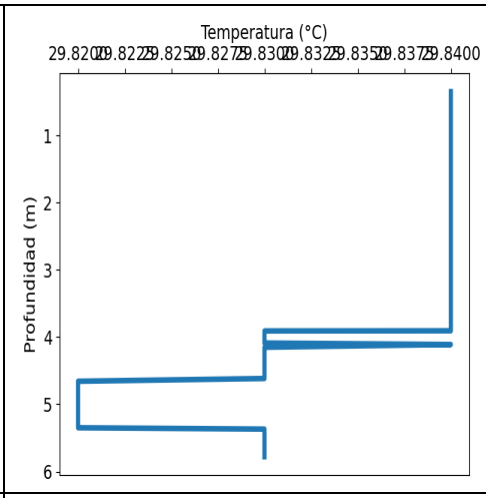
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.242	29.65	6.79	0.0	5.63	1304.8	0.07	41.89
1.609	29.66	6.8	1.14	5.43	931.28	0.01	41.89
1.765	29.66	6.8	1.3	5.56	1055.7	0.01	41.9
1.879	29.66	6.8	1.26	5.57	1062.1	0.01	41.9
1.897	29.66	6.8	1.03	5.61	994.41	0.02	41.9
1.987	29.66	6.8	1.3	5.63	827.45	0.03	41.9
2.005	29.66	6.8	1.11	5.6	962.22	0.03	41.9
2.012	29.66	6.8	1.22	5.66	788.69	0.01	41.9
2.019	29.66	6.8	0.99	5.68	951.79	0.01	41.9
2.116	29.66	6.8	1.22	5.72	753.49	0.02	41.9
2.14	29.66	6.8	1.22	5.7	1212.9	0.02	41.9
2.286	29.66	6.8	1.14	5.71	894.88	0.0	41.9
2.316	29.66	6.8	1.14	5.67	856.93	0.03	41.9
2.318	29.66	6.8	1.14	5.63	590.04	0.02	41.9
2.356	29.66	6.8	1.07	5.7	1353.1	0.0	41.9
2.437	29.66	6.8	1.22	5.77	857.52	0.0	41.9
2.461	29.66	6.8	1.11	5.79	854.74	0.02	41.9
2.47	29.66	6.8	1.11	5.79	738.28	0.01	41.9
2.49	29.66	6.8	1.03	5.8	846.46	0.01	41.9
2.544	29.66	6.8	1.14	5.8	642.58	0.02	41.9
2.679	29.66	6.8	1.22	5.81	621.34	0.03	41.9
2.703	29.66	6.8	1.07	5.79	522.8	0.02	41.9
2.734	29.66	6.8	1.11	5.77	624.81	0.03	41.9
2.747	29.66	6.8	1.22	5.76	611.34	0.01	41.9
2.805	29.66	6.8	1.34	5.79	597.75	0.04	41.9
2.838	29.66	6.8	1.22	5.78	661.47	0.46	41.9
2.865	29.66	6.8	1.14	5.78	623.36	0.61	41.9
2.896	29.66	6.8	1.07	5.83	776.36	0.77	41.9
2.917	29.66	6.8	1.26	5.85	694.94	0.73	41.9
2.937	29.66	6.8	1.26	5.83	579.6	0.72	41.9
2.966	29.66	6.8	1.26	5.79	639.01	0.77	41.9
3.009	29.66	6.8	1.11	5.73	631.8	0.71	41.9
3.045	29.66	6.8	1.18	5.65	607.81	0.74	41.9
3.059	29.66	6.8	1.18	5.56	748.27	0.77	41.9
3.062	29.66	6.8	1.11	5.47	578.13	0.74	41.9
3.07	29.66	6.8	1.37	5.4	577.73	0.74	41.9

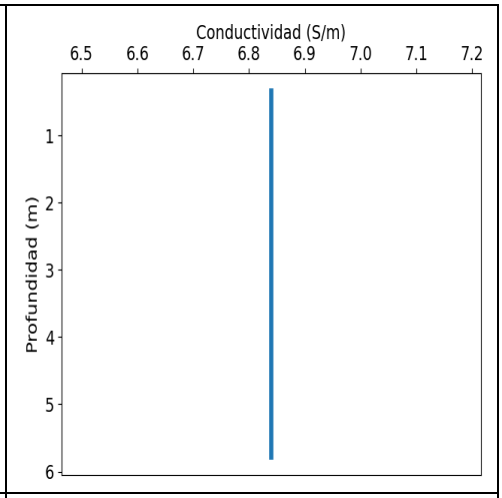
3.1	29.66	6.8	1.26	5.35	656.73	0.74	41.9
3.169	29.66	6.8	1.37	5.33	640.94	0.76	41.9
3.208	29.66	6.8	1.22	5.5	627.27	0.81	41.9
3.22	29.66	6.8	1.18	5.57	566.59	0.73	41.9
3.293	29.66	6.8	1.41	5.61	547.1	0.75	41.9
3.336	29.66	6.8	1.22	5.71	583.11	0.79	41.9
3.383	29.66	6.8	1.07	5.66	559.15	0.86	41.9
3.461	29.66	6.8	1.18	5.6	517.02	0.81	41.9
3.49	29.66	6.8	1.07	5.56	535.56	0.76	41.9
3.492	29.66	6.8	0.99	5.56	493.37	0.72	41.9
3.53	29.66	6.8	1.53	5.56	590.73	0.72	41.9
3.577	29.66	6.8	1.64	5.63	505.99	0.76	41.9
3.623	29.66	6.8	1.45	5.62	472.88	0.72	41.9
3.633	29.66	6.8	1.14	5.77	486.22	0.75	41.9
3.636	29.66	6.8	1.18	5.74	562.14	0.74	41.9
3.745	29.66	6.8	1.18	5.72	504.94	0.78	41.9
3.841	29.66	6.8	1.3	5.8	550.66	0.76	41.9
3.914	29.66	6.8	1.18	5.75	496.01	0.74	41.9
4.049	29.66	6.8	1.11	5.72	438.27	0.71	41.9
4.13	29.66	6.8	1.18	5.88	452.09	0.8	41.9
4.14	29.66	6.8	1.18	5.92	436.04	0.81	41.9
4.174	29.66	6.8	1.22	5.96	440.91	0.75	41.9
4.228	29.66	6.8	1.22	6.0	446.16	0.82	41.9
4.275	29.66	6.8	1.18	6.01	422.7	0.85	41.9
4.315	29.66	6.8	1.18	6.01	423.29	0.81	41.9
4.415	29.66	6.8	1.11	6.02	414.36	0.87	41.9
4.45	29.66	6.8	1.14	6.03	405.62	0.91	41.9
4.499	29.66	6.8	1.11	6.05	399.0	0.9	41.9
4.593	29.66	6.8	1.22	6.06	396.14	0.93	41.9
4.66	29.66	6.8	1.3	6.06	375.58	0.94	41.9
4.749	29.66	6.8	1.22	6.05	399.0	0.93	41.9
4.751	29.66	6.8	1.18	6.06	380.84	0.95	41.9
4.794	29.66	6.8	1.3	6.06	370.65	0.95	41.9
4.853	29.66	6.8	1.18	6.05	364.26	0.98	41.9
4.871	29.66	6.8	1.14	6.06	381.9	0.96	41.9
4.921	29.66	6.8	1.18	6.06	329.71	0.95	41.9
4.928	29.66	6.8	1.18	6.04	360.56	0.98	41.9
5.015	29.66	6.8	1.26	6.04	349.46	0.98	41.9
5.169	29.66	6.8	1.07	6.06	308.92	0.97	41.9
5.187	29.66	6.8	1.03	6.08	323.57	1.01	41.9
5.213	29.66	6.8	1.18	6.08	309.2	1.0	41.9
5.301	29.66	6.8	1.37	6.09	293.22	1.0	41.9
5.419	29.66	6.8	1.03	6.1	268.94	0.97	41.9
5.426	29.66	6.8	1.22	6.09	292.07	1.02	41.9
5.439	29.66	6.8	1.18	6.08	282.09	0.98	41.9
5.519	29.66	6.8	1.26	6.09	276.39	0.99	41.9
5.625	29.66	6.8	1.14	6.09	278.97	1.01	41.9
5.636	29.66	6.8	1.41	6.09	277.81	1.0	41.9
5.651	29.66	6.8	1.22	6.1	266.15	1.04	41.9
5.689	29.66	6.8	1.26	6.1	272.2	1.02	41.9
5.743	29.66	6.8	1.34	6.1	275.88	1.05	41.9
5.808	29.66	6.8	1.11	6.1	267.07	1.03	41.9
5.831	29.66	6.8	1.03	6.12	266.45	1.0	41.9
5.887	29.66	6.8	1.37	6.11	265.16	0.98	41.9
5.96	29.66	6.8	1.18	6.13	263.38	1.02	41.9
6.001	29.66	6.8	1.26	6.13	268.25	1.02	41.9
6.03	29.66	6.8	1.3	6.14	255.27	1.01	41.9
6.112	29.66	6.8	1.22	6.14	243.71	1.02	41.9

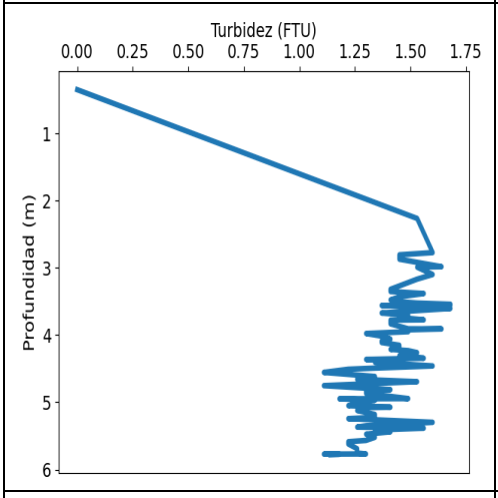
6.219	29.67	6.8	1.22	6.16	252.74	1.03	41.9
6.242	29.66	6.8	1.11	6.18	243.71	1.04	41.9
6.291	29.66	6.8	1.22	6.2	234.73	1.01	41.9
6.344	29.66	6.8	1.3	6.23	227.92	1.01	41.9
6.386	29.66	6.8	1.11	6.24	229.88	0.98	41.9
6.407	29.66	6.8	1.34	6.25	232.4	1.02	41.9
6.41	29.66	6.8	1.3	6.26	234.89	0.97	41.9
6.419	29.66	6.8	1.03	6.25	235.0	0.92	41.9
6.464	29.66	6.8	1.11	6.25	225.81	0.89	41.9
6.522	29.66	6.8	1.18	6.3	217.64	0.88	41.9
6.547	29.66	6.8	1.11	6.32	215.04	0.94	41.9
6.549	29.66	6.8	1.03	6.32	218.35	0.94	41.9
6.553	29.66	6.8	0.95	6.32	220.44	0.89	41.9
6.558	29.66	6.8	0.95	6.33	219.06	0.87	41.9
6.56	29.66	6.8	1.03	6.32	218.76	0.92	41.9

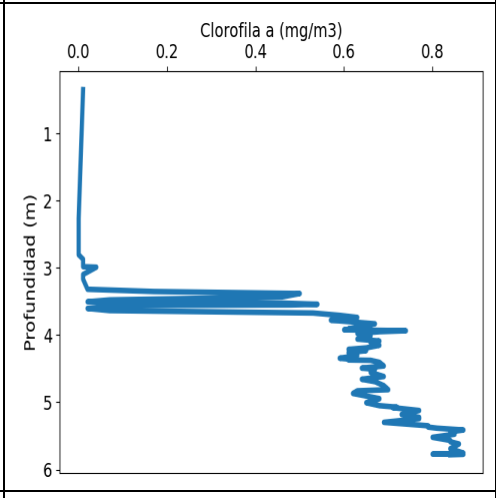
Nombre: CTD E12 - Punto 012 **Fecha: 18/07/2022** **Hora: 09:07:53**

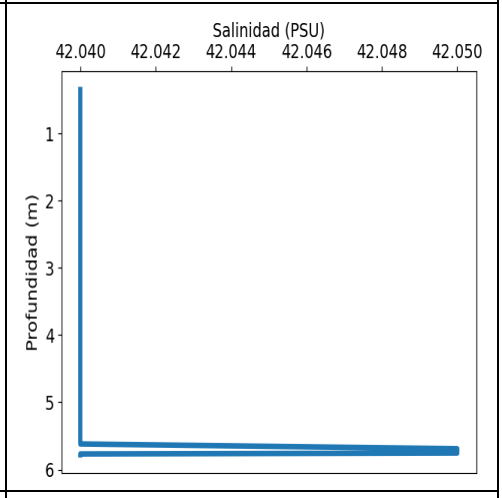


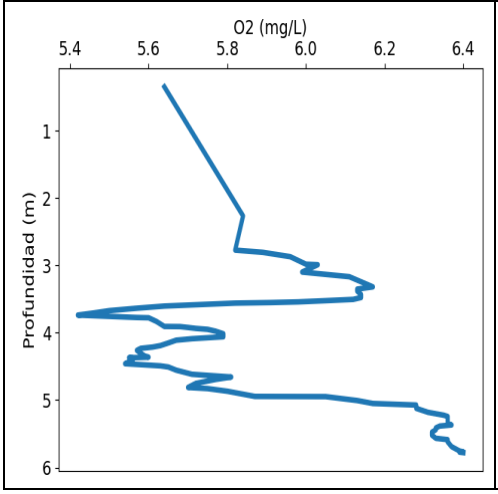


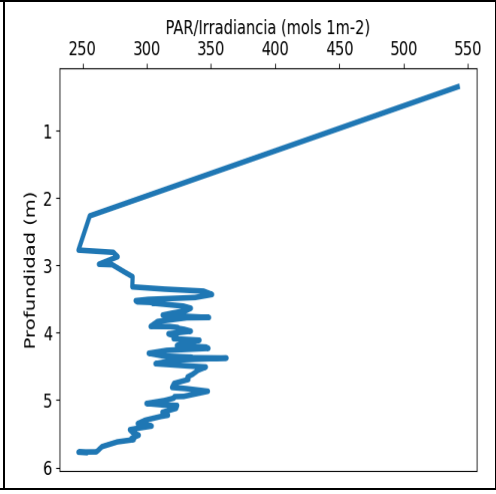












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.82	6.84	0.0	5.42	246.72	0.0	42.04
PROF (metros)	4.657	0.347	0.347	3.737	5.773	2.264	0.347
MÁXIMO	29.84	29.84	1.68	6.4	542.18	0.87	42.05
PROF (metros)	0.347	0.347	3.541	5.769	0.347	5.412	5.691

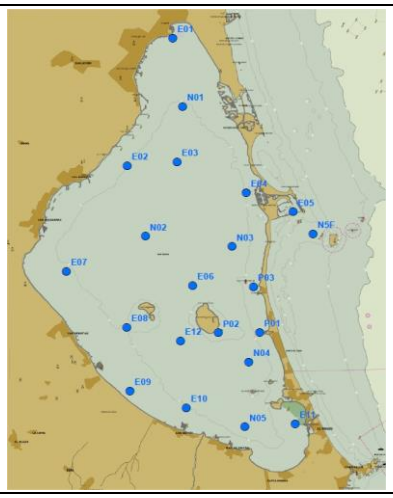
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
2 - 3m	29.84	6.84	1.53	5.92	264.91	0.01	42.04
3 - 4m	29.84	6.84	1.5	5.82	317.29	0.4	42.04
4 - 5m	29.83	6.84	1.37	5.69	329.05	0.65	42.04
5 - 6m	29.83	6.84	1.3	6.33	290.48	0.79	42.04

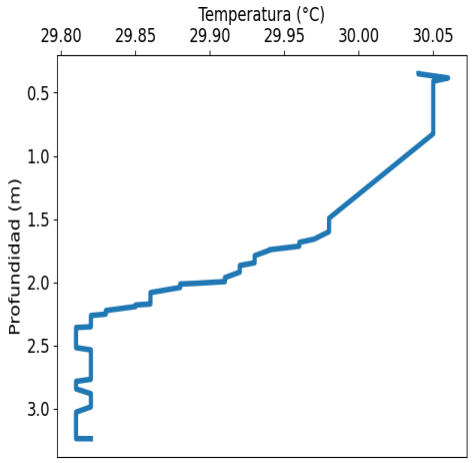
OBSERVACIONES GENERALES

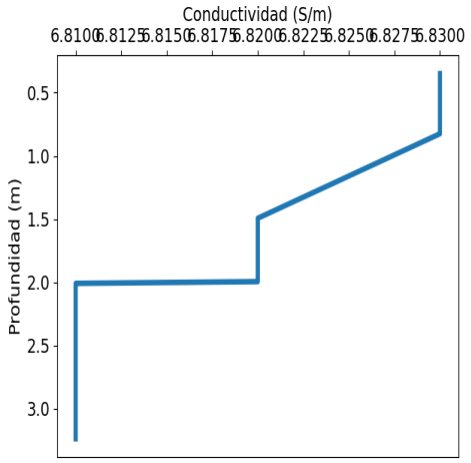
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.347	29.84	6.84	0.0	5.64	542.18	0.01	42.04
2.264	29.84	6.84	1.53	5.84	255.57	0.0	42.04
2.772	29.84	6.84	1.6	5.82	246.78	0.0	42.04
2.805	29.84	6.84	1.45	5.89	273.97	0.0	42.04
2.87	29.84	6.84	1.45	5.96	277.36	0.01	42.04
2.982	29.84	6.84	1.64	6.0	262.65	0.01	42.04
2.989	29.84	6.84	1.53	6.03	273.14	0.04	42.04
3.098	29.84	6.84	1.6	5.99	282.68	0.01	42.04
3.167	29.84	6.84	1.53	6.11	288.97	0.01	42.04
3.318	29.84	6.84	1.41	6.17	288.7	0.02	42.04
3.351	29.84	6.84	1.41	6.13	313.61	0.17	42.04
3.381	29.84	6.84	1.56	6.13	344.23	0.5	42.04
3.431	29.84	6.84	1.45	6.14	350.92	0.46	42.04
3.476	29.84	6.84	1.41	6.14	337.59	0.07	42.04
3.504	29.84	6.84	1.45	6.12	301.0	0.02	42.04
3.523	29.84	6.84	1.53	6.05	291.26	0.46	42.04
3.541	29.84	6.84	1.68	5.98	292.61	0.54	42.04
3.551	29.84	6.84	1.68	5.91	306.14	0.48	42.04
3.559	29.84	6.84	1.37	5.82	304.16	0.08	42.04
3.603	29.84	6.84	1.68	5.64	328.41	0.02	42.04
3.635	29.84	6.84	1.53	5.57	334.4	0.07	42.04
3.671	29.84	6.84	1.37	5.5	330.55	0.53	42.04
3.706	29.84	6.84	1.49	5.46	320.22	0.59	42.04
3.737	29.84	6.84	1.45	5.42	312.3	0.63	42.04
3.773	29.84	6.84	1.56	5.57	348.57	0.59	42.04
3.777	29.84	6.84	1.41	5.6	331.16	0.57	42.04
3.832	29.84	6.84	1.41	5.62	308.35	0.67	42.04
3.906	29.84	6.84	1.49	5.64	302.89	0.61	42.04
3.908	29.83	6.84	1.64	5.68	318.15	0.66	42.04
3.921	29.83	6.84	1.49	5.7	324.03	0.6	42.04
3.935	29.83	6.84	1.49	5.72	325.0	0.74	42.04
3.949	29.83	6.84	1.49	5.75	329.25	0.68	42.04
3.976	29.83	6.84	1.3	5.77	334.4	0.63	42.04
4.015	29.83	6.84	1.37	5.79	316.75	0.66	42.04
4.059	29.83	6.84	1.41	5.79	323.2	0.63	42.04
4.088	29.83	6.84	1.37	5.71	320.81	0.68	42.04
4.11	29.84	6.84	1.37	5.67	341.13	0.66	42.04
4.151	29.83	6.84	1.45	5.65	328.49	0.68	42.04

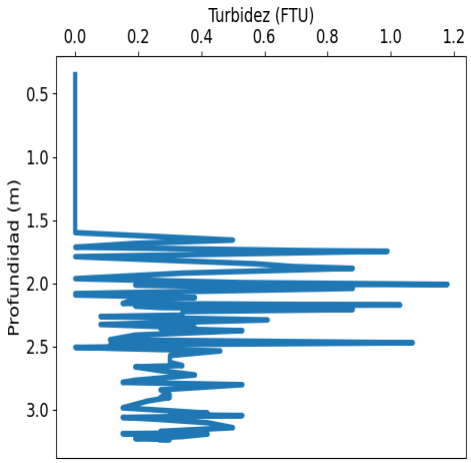
4.19	29.83	6.84	1.45	5.63	323.35	0.65	42.04
4.212	29.83	6.84	1.41	5.61	346.15	0.61	42.04
4.231	29.83	6.84	1.49	5.58	348.08	0.65	42.04
4.261	29.83	6.84	1.53	5.57	315.5	0.61	42.04
4.304	29.83	6.84	1.45	5.58	301.42	0.63	42.04
4.344	29.83	6.84	1.56	5.59	312.59	0.59	42.04
4.362	29.83	6.84	1.3	5.6	334.63	0.62	42.04
4.368	29.83	6.84	1.45	5.57	327.57	0.61	42.04
4.37	29.83	6.84	1.34	5.55	333.86	0.61	42.04
4.375	29.83	6.84	1.34	5.56	362.16	0.66	42.04
4.405	29.83	6.84	1.34	5.56	321.71	0.68	42.04
4.459	29.83	6.84	1.6	5.54	306.71	0.69	42.04
4.491	29.83	6.84	1.34	5.63	331.16	0.64	42.04
4.508	29.83	6.84	1.22	5.65	346.07	0.67	42.04
4.555	29.83	6.84	1.11	5.67	340.03	0.66	42.04
4.616	29.83	6.84	1.34	5.71	335.72	0.69	42.04
4.657	29.82	6.84	1.26	5.81	331.62	0.64	42.04
4.693	29.82	6.84	1.53	5.77	332.47	0.67	42.04
4.752	29.82	6.84	1.11	5.72	321.18	0.69	42.04
4.812	29.82	6.84	1.41	5.7	319.62	0.7	42.04
4.829	29.82	6.84	1.3	5.75	330.63	0.63	42.04
4.868	29.82	6.84	1.3	5.8	347.68	0.62	42.04
4.945	29.82	6.84	1.49	5.87	328.72	0.68	42.04
4.948	29.82	6.84	1.18	6.05	321.48	0.68	42.04
4.97	29.82	6.84	1.34	6.08	321.11	0.67	42.04
5.006	29.82	6.84	1.26	6.13	313.75	0.65	42.04
5.05	29.82	6.84	1.22	6.17	299.68	0.68	42.04
5.073	29.82	6.84	1.41	6.28	313.32	0.72	42.04
5.079	29.82	6.84	1.3	6.28	323.72	0.71	42.04
5.122	29.82	6.84	1.26	6.28	322.9	0.77	42.04
5.181	29.82	6.84	1.34	6.31	312.08	0.73	42.04
5.224	29.82	6.84	1.34	6.35	316.6	0.77	42.04
5.243	29.82	6.84	1.22	6.36	310.86	0.77	42.04
5.298	29.82	6.84	1.6	6.36	298.78	0.69	42.04
5.349	29.82	6.84	1.3	6.36	292.88	0.79	42.04
5.369	29.83	6.84	1.26	6.37	300.31	0.79	42.04
5.385	29.83	6.84	1.56	6.34	303.88	0.81	42.04
5.412	29.83	6.84	1.34	6.33	294.79	0.87	42.04
5.439	29.83	6.84	1.41	6.33	286.77	0.84	42.04
5.475	29.83	6.84	1.3	6.32	288.57	0.85	42.04
5.521	29.83	6.84	1.34	6.32	293.83	0.8	42.04
5.567	29.83	6.84	1.3	6.33	288.1	0.84	42.04
5.587	29.83	6.84	1.22	6.36	289.91	0.84	42.04
5.62	29.83	6.84	1.22	6.36	277.1	0.86	42.04
5.691	29.83	6.84	1.26	6.37	265.1	0.84	42.05
5.755	29.83	6.84	1.26	6.39	261.62	0.87	42.05
5.769	29.83	6.84	1.3	6.4	260.65	0.84	42.04
5.771	29.83	6.84	1.11	6.39	247.46	0.8	42.04
5.773	29.83	6.84	1.18	6.39	246.72	0.87	42.04
5.78	29.83	6.84	1.14	6.4	252.5	0.84	42.04

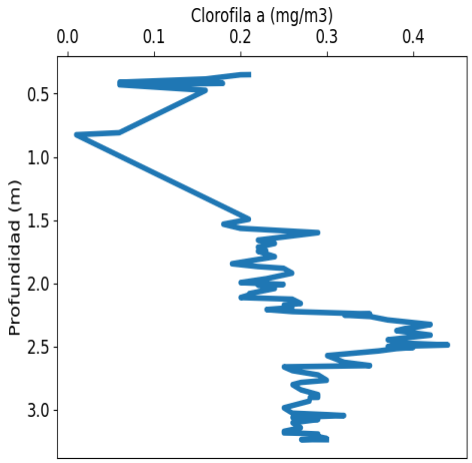
Nombre: CTD P02 - Punto 013 **Fecha: 18/07/2022** **Hora: 11:07:36**

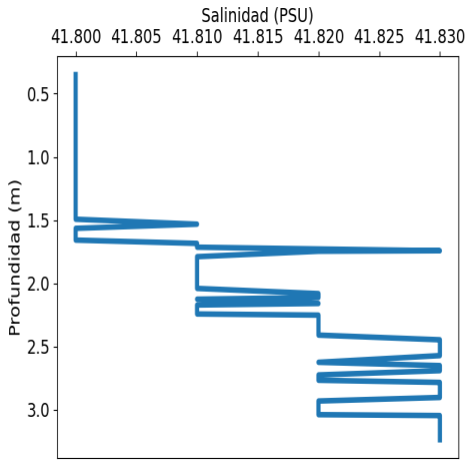


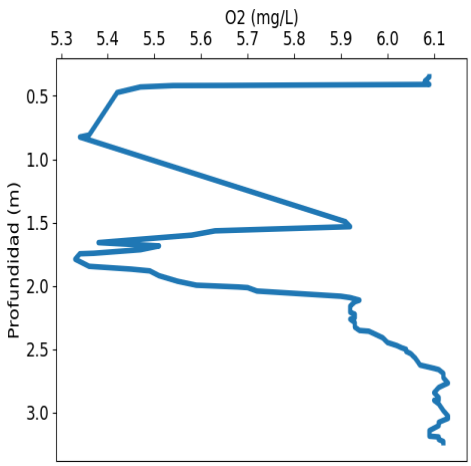


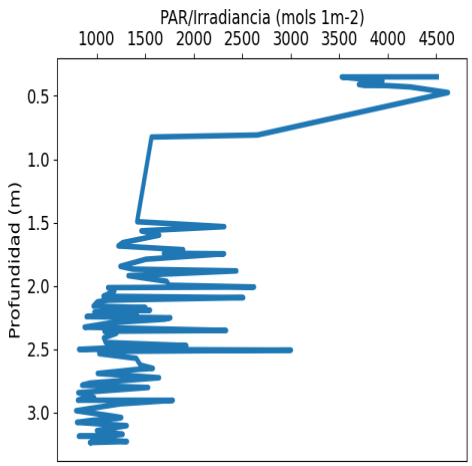


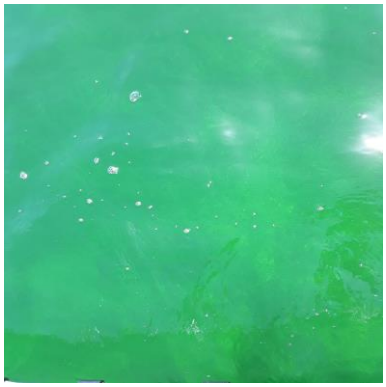












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.81	6.81	0.0	5.33	787.6	0.01	41.8
PROF (metros)	2.357	2.008	0.35	1.789	2.984	0.825	0.35
MÁXIMO	30.06	30.06	1.18	6.13	4622.0	0.44	41.83
PROF (metros)	0.384	0.35	2.008	2.766	0.474	2.487	1.742

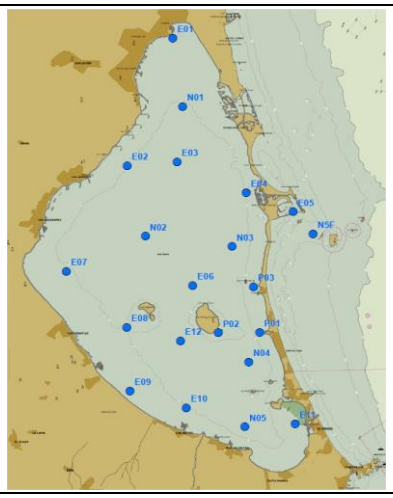
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
1 - 2m	29.93	6.82	0.61	5.44	1625.42	0.23	41.81
2 - 3m	29.83	6.81	0.36	5.99	1270.07	0.31	41.82
3 - 4m	29.81	6.81	0.32	6.11	1071.34	0.28	41.83

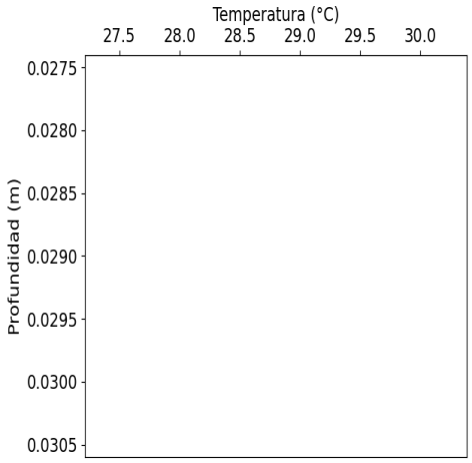
OBSERVACIONES GENERALES

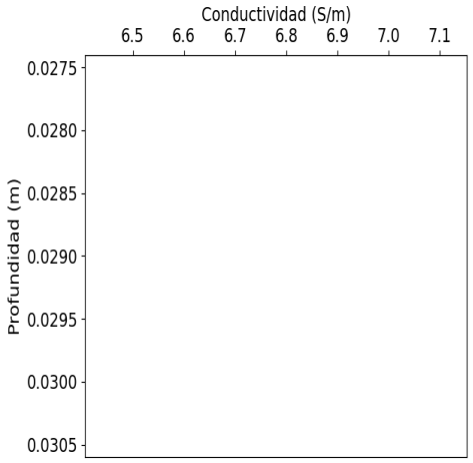
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.35	30.04	6.83	0.0	6.09	4505.7	0.21	41.8
0.351	30.04	6.83	0.0	6.09	3525.0	0.2	41.8
0.384	30.06	6.83	0.0	6.08	3946.2	0.16	41.8
0.41	30.05	6.83	0.0	6.09	3700.9	0.06	41.8
0.418	30.05	6.83	0.0	5.65	3760.5	0.15	41.8
0.419	30.05	6.83	0.0	5.54	3985.8	0.18	41.8
0.43	30.05	6.83	0.0	5.47	4234.3	0.06	41.8
0.474	30.05	6.83	0.0	5.42	4622.0	0.16	41.8
0.809	30.05	6.83	0.0	5.36	2656.8	0.06	41.8
0.825	30.05	6.83	0.0	5.34	1565.9	0.01	41.8
1.493	29.98	6.82	0.0	5.91	1417.0	0.21	41.8
1.532	29.98	6.82	0.0	5.92	2316.2	0.18	41.81
1.565	29.98	6.82	0.0	5.63	1460.0	0.2	41.8
1.599	29.98	6.82	0.0	5.58	1645.9	0.29	41.8
1.658	29.97	6.82	0.5	5.38	1268.7	0.22	41.8
1.684	29.96	6.82	0.19	5.51	1223.1	0.24	41.81
1.714	29.96	6.82	0.0	5.47	1892.3	0.22	41.81
1.742	29.94	6.82	0.76	5.37	1691.9	0.23	41.83
1.746	29.94	6.82	0.99	5.34	2314.6	0.22	41.82
1.789	29.93	6.82	0.0	5.33	1507.5	0.24	41.81
1.845	29.93	6.82	0.57	5.36	1243.9	0.19	41.81
1.867	29.92	6.82	0.69	5.45	1372.4	0.22	41.81
1.881	29.92	6.82	0.88	5.49	2440.7	0.25	41.81
1.919	29.92	6.82	0.34	5.51	1327.4	0.26	41.81
1.963	29.91	6.82	0.0	5.55	1721.6	0.23	41.81
1.994	29.91	6.82	0.53	5.59	1746.1	0.2	41.81
2.008	29.89	6.81	1.18	5.68	2623.2	0.25	41.81
2.013	29.88	6.81	0.19	5.7	1116.3	0.22	41.81
2.04	29.88	6.81	0.88	5.72	1184.0	0.24	41.81
2.081	29.86	6.81	0.0	5.9	1069.0	0.21	41.82
2.092	29.86	6.81	0.0	5.92	2511.9	0.21	41.82
2.112	29.86	6.81	0.38	5.94	1120.0	0.2	41.82
2.125	29.86	6.81	0.19	5.93	1007.2	0.26	41.81
2.159	29.86	6.81	0.15	5.92	967.36	0.27	41.82
2.171	29.86	6.81	1.03	5.92	1505.4	0.25	41.81
2.179	29.85	6.81	0.19	5.92	1134.6	0.25	41.81
2.191	29.85	6.81	0.27	5.92	1551.1	0.26	41.81
2.207	29.84	6.81	0.88	5.92	974.79	0.23	41.81
2.223	29.83	6.81	0.34	5.93	1414.7	0.26	41.81

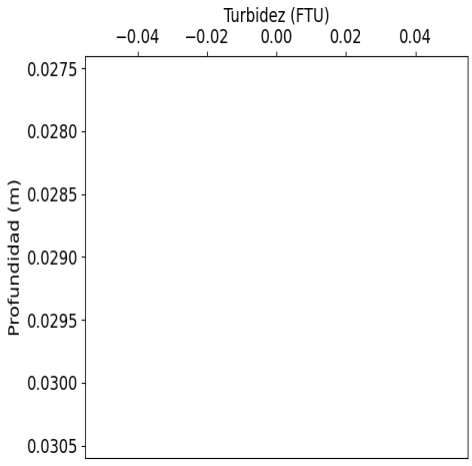
2.242	29.83	6.81	0.34	5.93	895.51	0.35	41.81
2.251	29.83	6.81	0.34	5.93	1760.7	0.32	41.82
2.262	29.82	6.81	0.08	5.92	1702.9	0.35	41.82
2.289	29.82	6.81	0.61	5.93	1158.8	0.37	41.82
2.325	29.82	6.81	0.08	5.93	874.58	0.42	41.82
2.351	29.82	6.81	0.38	5.94	2335.0	0.4	41.82
2.357	29.81	6.81	0.27	5.96	1079.4	0.39	41.82
2.374	29.81	6.81	0.53	5.97	1203.1	0.38	41.82
2.409	29.81	6.81	0.19	5.99	1073.7	0.42	41.82
2.446	29.81	6.81	0.11	6.0	1093.3	0.37	41.83
2.47	29.81	6.81	1.07	6.02	1925.1	0.38	41.83
2.487	29.81	6.81	0.11	6.03	1176.1	0.44	41.83
2.5	29.81	6.81	0.19	6.04	817.54	0.37	41.83
2.506	29.81	6.81	0.0	6.04	3003.4	0.4	41.83
2.516	29.81	6.81	0.15	6.04	1144.6	0.38	41.83
2.534	29.82	6.81	0.46	6.05	1026.0	0.36	41.83
2.571	29.82	6.81	0.3	6.06	1408.5	0.3	41.83
2.624	29.82	6.81	0.3	6.07	1450.9	0.32	41.82
2.65	29.82	6.81	0.34	6.1	1580.8	0.35	41.83
2.66	29.82	6.81	0.19	6.11	1395.2	0.25	41.83
2.69	29.82	6.81	0.27	6.12	1010.4	0.26	41.83
2.724	29.82	6.81	0.38	6.12	1644.4	0.29	41.82
2.766	29.82	6.81	0.19	6.13	930.85	0.3	41.82
2.783	29.81	6.81	0.15	6.12	849.21	0.27	41.83
2.801	29.81	6.81	0.53	6.11	1532.1	0.26	41.83
2.842	29.81	6.81	0.27	6.1	809.43	0.27	41.83
2.88	29.82	6.81	0.3	6.11	975.46	0.29	41.83
2.901	29.82	6.81	0.27	6.11	806.06	0.29	41.83
2.902	29.82	6.81	0.3	6.1	1785.8	0.28	41.83
2.93	29.82	6.81	0.23	6.11	1241.1	0.28	41.82
2.984	29.82	6.81	0.15	6.12	787.6	0.25	41.82
3.026	29.81	6.81	0.42	6.13	1159.0	0.26	41.82
3.038	29.81	6.81	0.3	6.13	1255.0	0.3	41.82
3.045	29.81	6.81	0.53	6.13	1215.2	0.32	41.83
3.06	29.81	6.81	0.15	6.12	952.89	0.26	41.83
3.076	29.81	6.81	0.27	6.11	796.41	0.29	41.83
3.102	29.81	6.81	0.42	6.11	1311.1	0.26	41.83
3.141	29.81	6.81	0.5	6.09	1002.0	0.27	41.83
3.17	29.81	6.81	0.27	6.09	1269.6	0.25	41.83
3.182	29.81	6.81	0.3	6.09	1146.2	0.25	41.83
3.185	29.81	6.81	0.27	6.09	815.27	0.27	41.83
3.188	29.81	6.81	0.15	6.1	1123.1	0.28	41.83
3.191	29.81	6.81	0.42	6.11	944.76	0.29	41.83
3.211	29.81	6.81	0.34	6.11	975.69	0.29	41.83
3.227	29.81	6.81	0.19	6.12	1313.6	0.3	41.83
3.235	29.81	6.81	0.3	6.12	929.77	0.27	41.83
3.236	29.82	6.81	0.27	6.12	931.93	0.3	41.83

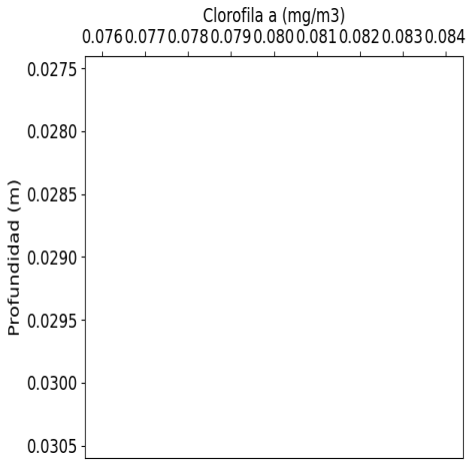
Nombre: CTD P01 - Punto 014 **Fecha: 18/07/2022** **Hora: 11:07:07**

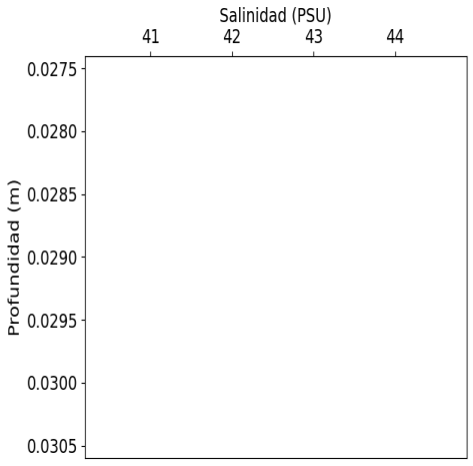


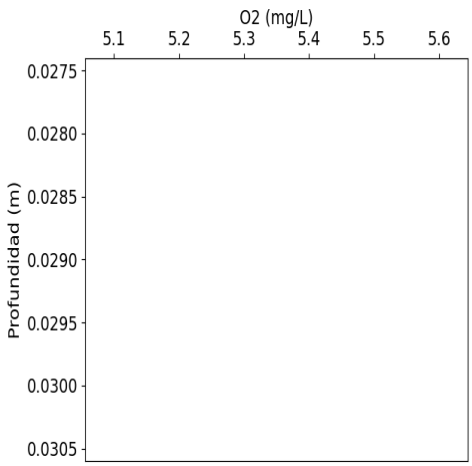


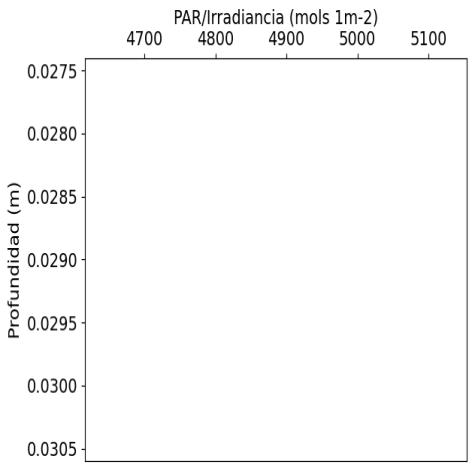












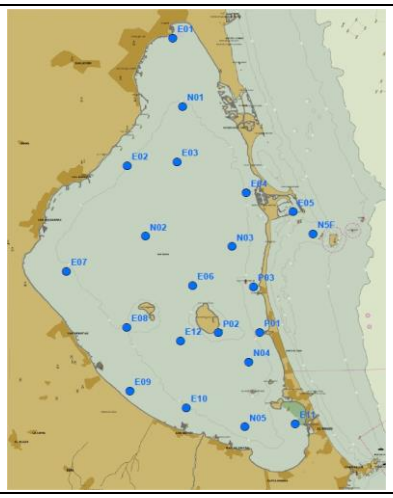
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.8	6.78	0.0	5.35	4885.3	0.08	42.54
PROF (metros)	0.029	0.029	0.029	0.029	0.029	0.029	0.029
MÁXIMO	28.8	28.8	0.0	5.35	4885.3	0.08	42.54
PROF (metros)	0.029	0.029	0.029	0.029	0.029	0.029	0.029

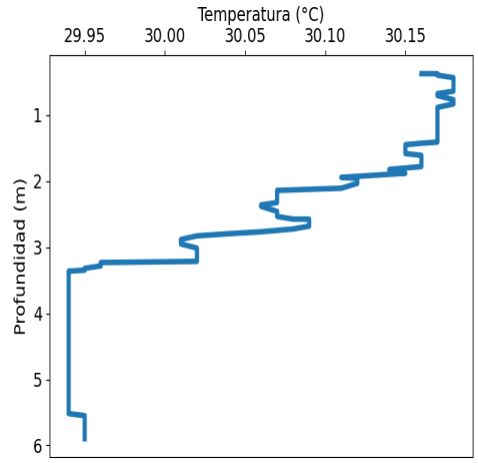
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)

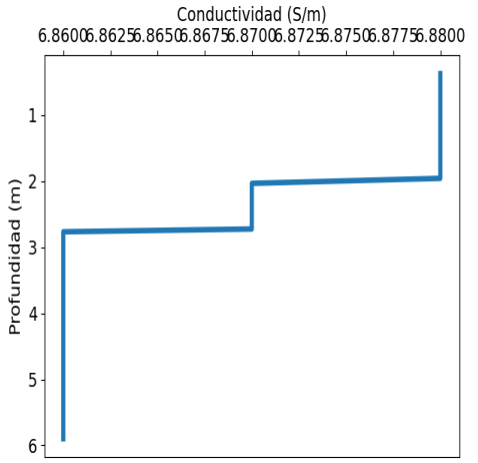
OBSERVACIONES GENERALES

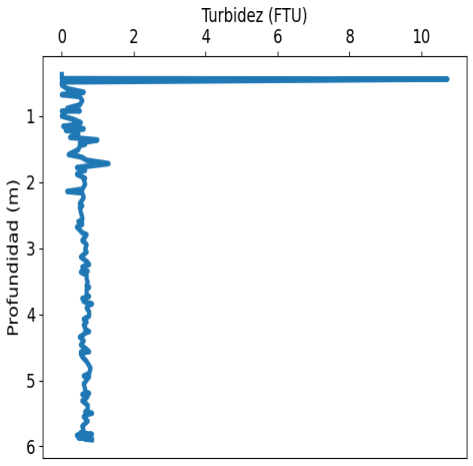
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.029	28.8	6.78	0.0	5.35	4885.3	0.08	42.54

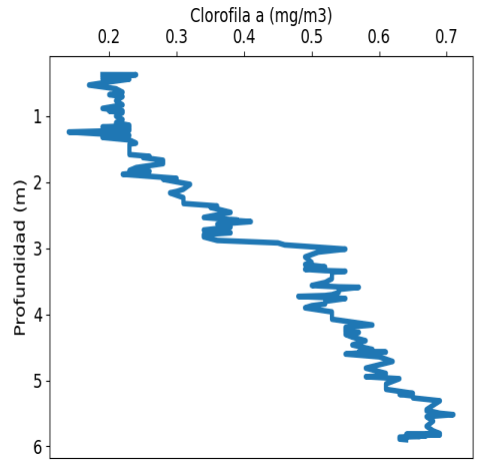
Nombre: CTD N04 - Punto 015 **Fecha: 18/07/2022** **Hora: 12:07:29**

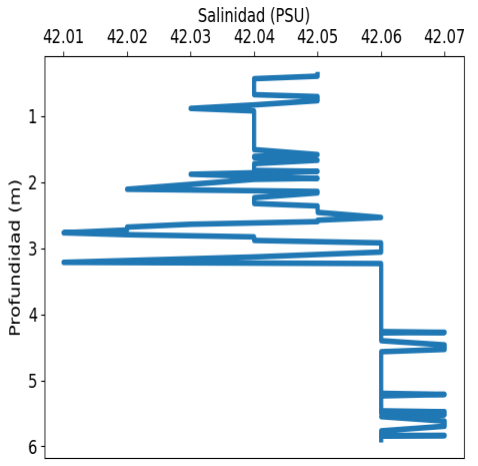


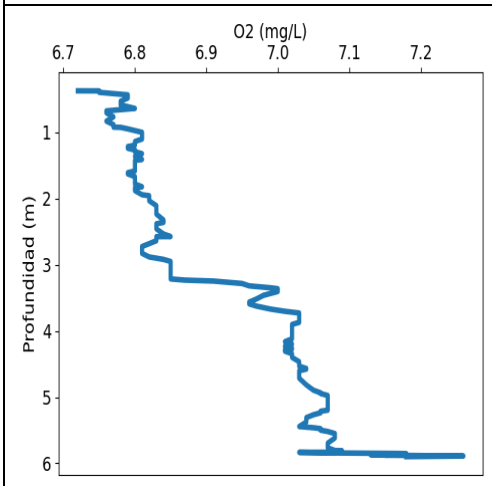


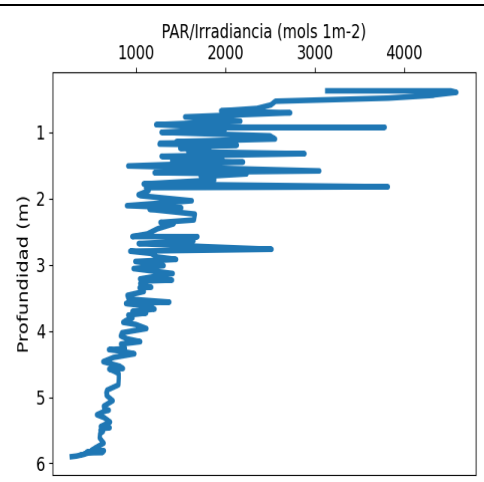












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.94	6.86	0.0	6.72	279.74	0.14	42.01
PROF (metros)	3.362	2.766	0.372	0.372	5.899	1.24	2.766
MÁXIMO	30.18	30.18	10.72	7.26	4583.6	0.71	42.07
PROF (metros)	0.433	0.372	0.44	5.89	0.395	5.519	4.274

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	30.17	6.88	1.53	6.78	2303.04	0.22	42.04
1 - 2m	30.16	6.88	0.49	6.8	1763.73	0.23	42.04
2 - 3m	30.07	6.87	0.55	6.83	1379.04	0.36	42.04
3 - 4m	29.95	6.86	0.68	6.97	1066.41	0.52	42.06
4 - 5m	29.94	6.86	0.66	7.03	793.58	0.57	42.06
5 - 6m	29.95	6.86	0.64	7.09	537.85	0.66	42.06

OBSERVACIONES GENERALES

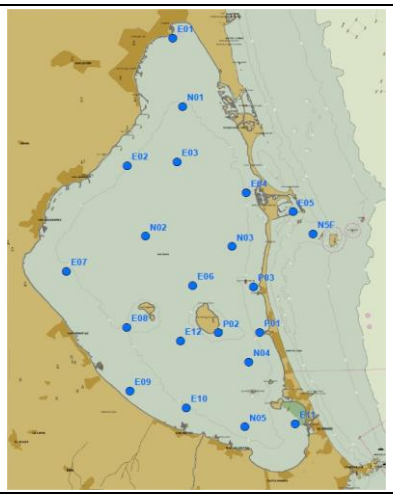
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.372	30.16	6.88	0.0	6.72	3137.1	0.19	42.05
0.373	30.17	6.88	0.0	6.75	4520.3	0.24	42.05
0.395	30.17	6.88	0.0	6.75	4583.6	0.22	42.05
0.433	30.18	6.88	0.0	6.79	4336.6	0.19	42.04
0.44	30.18	6.88	10.72	6.79	4323.6	0.23	42.04
0.482	30.18	6.88	0.0	6.79	3822.0	0.2	42.04
0.529	30.18	6.88	0.0	6.78	2558.9	0.17	42.04
0.585	30.18	6.88	0.15	6.78	2507.8	0.21	42.04
0.638	30.18	6.88	0.61	6.8	2352.4	0.22	42.04
0.675	30.17	6.88	0.0	6.76	1949.8	0.2	42.04
0.704	30.17	6.88	0.5	6.76	2725.4	0.22	42.05
0.766	30.18	6.88	0.57	6.77	1547.5	0.21	42.05
0.83	30.18	6.88	0.5	6.76	2167.6	0.22	42.04
0.883	30.17	6.88	0.15	6.77	1223.4	0.19	42.03
0.921	30.17	6.88	0.5	6.77	1880.1	0.22	42.04
0.923	30.17	6.88	0.0	6.78	3782.4	0.2	42.04
0.924	30.17	6.88	0.0	6.78	1603.7	0.2	42.04
0.947	30.17	6.88	0.08	6.79	1999.6	0.22	42.04
0.999	30.17	6.88	0.0	6.81	1283.5	0.21	42.04
1.052	30.17	6.88	0.34	6.81	2498.0	0.22	42.04
1.1	30.17	6.88	0.53	6.81	2555.9	0.21	42.04
1.138	30.17	6.88	0.27	6.8	1452.3	0.23	42.04
1.155	30.17	6.88	0.04	6.8	1654.3	0.21	42.04
1.163	30.17	6.88	0.34	6.8	1266.6	0.19	42.04
1.177	30.17	6.88	0.42	6.8	1261.4	0.23	42.04
1.193	30.17	6.88	0.61	6.8	2128.8	0.22	42.04
1.214	30.17	6.88	0.11	6.79	1704.1	0.23	42.04
1.24	30.17	6.88	0.46	6.79	1492.5	0.14	42.04
1.265	30.17	6.88	0.46	6.8	1819.6	0.18	42.04
1.292	30.17	6.88	0.38	6.8	1583.0	0.23	42.04
1.322	30.17	6.88	0.23	6.81	2885.3	0.19	42.04
1.361	30.17	6.88	0.99	6.8	1283.8	0.23	42.04
1.408	30.17	6.88	0.5	6.81	1966.5	0.24	42.04
1.425	30.16	6.88	0.65	6.8	1402.3	0.23	42.04
1.448	30.15	6.88	0.5	6.8	2198.0	0.23	42.04
1.507	30.15	6.88	0.46	6.8	911.21	0.23	42.04

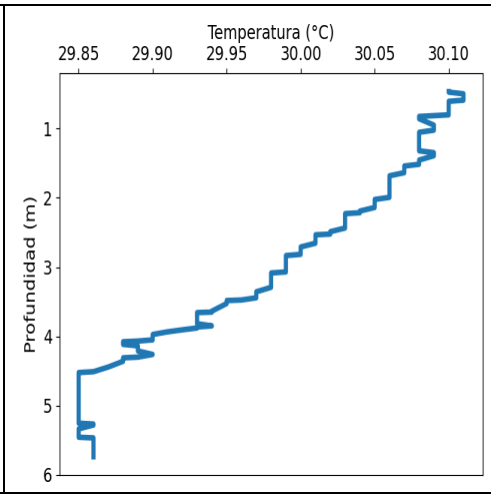
1.582	30.15	6.88	0.19	6.8	3050.4	0.23	42.05
1.609	30.16	6.88	0.46	6.79	1205.6	0.26	42.04
1.627	30.16	6.88	0.57	6.79	2236.5	0.25	42.04
1.668	30.16	6.88	0.69	6.8	1723.2	0.28	42.05
1.719	30.16	6.88	1.3	6.8	1876.2	0.28	42.04
1.779	30.16	6.88	0.42	6.8	1083.2	0.24	42.04
1.822	30.14	6.88	0.65	6.81	3817.6	0.23	42.04
1.835	30.14	6.88	0.53	6.8	1108.9	0.26	42.05
1.88	30.15	6.88	0.42	6.8	1141.5	0.22	42.03
1.942	30.11	6.88	0.65	6.81	1026.0	0.3	42.05
1.957	30.12	6.88	0.61	6.82	1051.8	0.28	42.04
2.033	30.12	6.87	0.65	6.82	1624.3	0.32	42.03
2.107	30.11	6.87	0.57	6.83	896.96	0.31	42.02
2.14	30.07	6.87	0.15	6.83	1506.8	0.3	42.05
2.162	30.07	6.87	0.57	6.83	1150.2	0.29	42.05
2.234	30.07	6.87	0.61	6.83	1658.9	0.31	42.04
2.323	30.07	6.87	0.5	6.84	1647.8	0.31	42.04
2.36	30.06	6.87	0.57	6.84	1271.9	0.36	42.05
2.381	30.06	6.87	0.5	6.83	1420.6	0.35	42.05
2.457	30.07	6.87	0.53	6.83	1239.1	0.38	42.05
2.534	30.07	6.87	0.57	6.84	1125.7	0.34	42.06
2.574	30.08	6.87	0.57	6.85	956.66	0.39	42.05
2.575	30.09	6.87	0.57	6.83	1687.6	0.38	42.05
2.597	30.09	6.87	0.46	6.83	1457.0	0.41	42.05
2.637	30.09	6.87	0.57	6.83	1644.0	0.36	42.03
2.68	30.09	6.87	0.42	6.82	1027.9	0.38	42.02
2.724	30.08	6.87	0.5	6.81	1730.8	0.34	42.02
2.766	30.06	6.86	0.57	6.81	2516.5	0.38	42.01
2.795	30.04	6.86	0.69	6.81	933.66	0.34	42.02
2.828	30.02	6.86	0.65	6.81	1166.6	0.34	42.04
2.882	30.01	6.86	0.57	6.82	1236.2	0.36	42.04
2.919	30.01	6.86	0.65	6.84	1449.2	0.45	42.06
2.95	30.01	6.86	0.69	6.85	990.5	0.46	42.06
3.013	30.02	6.86	0.65	6.85	1309.6	0.55	42.06
3.058	30.02	6.86	0.69	6.85	970.95	0.51	42.06
3.132	30.02	6.86	0.53	6.85	1411.4	0.49	42.04
3.214	30.02	6.86	0.72	6.85	1042.8	0.5	42.01
3.232	29.96	6.86	0.72	6.87	1403.6	0.5	42.06
3.246	29.96	6.86	0.76	6.91	1083.0	0.49	42.06
3.283	29.96	6.86	0.57	6.95	1045.0	0.52	42.06
3.319	29.95	6.86	0.61	6.96	1088.5	0.49	42.06
3.339	29.95	6.86	0.57	6.98	1170.9	0.52	42.06
3.348	29.95	6.86	0.72	6.99	1037.7	0.55	42.06
3.362	29.94	6.86	0.53	7.0	1062.3	0.53	42.06
3.404	29.94	6.86	0.69	7.0	1088.5	0.53	42.06
3.462	29.94	6.86	0.69	6.98	902.59	0.53	42.06
3.518	29.94	6.86	0.72	6.97	916.29	0.52	42.06
3.564	29.94	6.86	0.69	6.96	1373.4	0.5	42.06
3.585	29.94	6.86	0.69	6.96	886.21	0.54	42.06
3.591	29.94	6.86	0.76	6.96	908.26	0.57	42.06
3.624	29.94	6.86	0.69	6.97	1148.4	0.54	42.06
3.67	29.94	6.86	0.69	6.99	1207.9	0.54	42.06
3.703	29.94	6.86	0.69	7.01	958.43	0.53	42.06
3.716	29.94	6.86	0.69	7.02	1002.5	0.52	42.06
3.729	29.94	6.86	0.76	7.03	1113.5	0.48	42.06
3.761	29.94	6.86	0.57	7.03	911.21	0.55	42.06
3.804	29.94	6.86	0.61	7.03	961.1	0.52	42.06
3.843	29.94	6.86	0.84	7.03	886.01	0.52	42.06

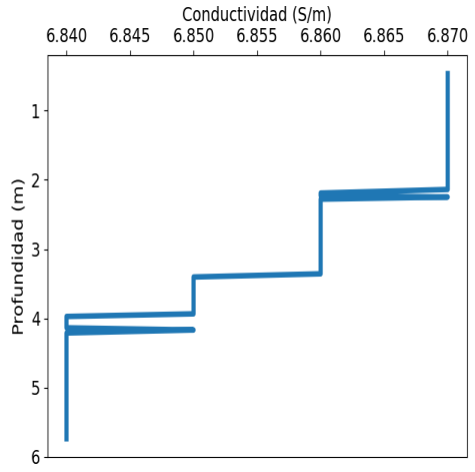
3.87	29.94	6.86	0.72	7.03	854.94	0.5	42.06
3.902	29.94	6.86	0.69	7.02	997.64	0.49	42.06
3.964	29.94	6.86	0.76	7.02	1116.9	0.53	42.06
4.027	29.94	6.86	0.76	7.02	842.35	0.53	42.06
4.075	29.94	6.86	0.61	7.02	828.22	0.53	42.06
4.119	29.94	6.86	0.69	7.02	900.29	0.56	42.06
4.162	29.94	6.86	0.61	7.01	1047.9	0.59	42.06
4.198	29.94	6.86	0.65	7.02	830.14	0.55	42.06
4.231	29.94	6.86	0.65	7.01	850.4	0.55	42.06
4.262	29.94	6.86	0.76	7.02	876.82	0.55	42.06
4.274	29.94	6.86	0.69	7.02	800.11	0.57	42.07
4.282	29.94	6.86	0.65	7.01	695.59	0.56	42.06
4.305	29.94	6.86	0.61	7.01	834.19	0.55	42.06
4.345	29.94	6.86	0.5	7.02	982.73	0.56	42.06
4.4	29.94	6.86	0.61	7.02	748.62	0.58	42.06
4.464	29.94	6.86	0.53	7.03	632.24	0.56	42.07
4.532	29.94	6.86	0.69	7.03	816.4	0.59	42.07
4.567	29.94	6.86	0.76	7.04	854.94	0.57	42.06
4.572	29.94	6.86	0.53	7.04	750.35	0.61	42.06
4.576	29.94	6.86	0.65	7.04	698.33	0.58	42.06
4.602	29.94	6.86	0.53	7.03	745.67	0.55	42.06
4.644	29.94	6.86	0.57	7.03	806.44	0.6	42.06
4.714	29.94	6.86	0.69	7.03	806.62	0.62	42.06
4.815	29.94	6.86	0.8	7.04	802.89	0.58	42.06
4.895	29.94	6.86	0.76	7.05	675.1	0.61	42.06
4.935	29.94	6.86	0.61	7.06	666.54	0.6	42.06
4.945	29.94	6.86	0.76	7.06	676.66	0.58	42.06
4.975	29.94	6.86	0.72	7.07	669.95	0.63	42.06
5.054	29.94	6.86	0.61	7.07	739.65	0.61	42.06
5.136	29.94	6.86	0.65	7.07	638.57	0.61	42.06
5.181	29.94	6.86	0.65	7.07	646.31	0.64	42.06
5.197	29.94	6.86	0.76	7.07	696.23	0.65	42.06
5.213	29.94	6.86	0.57	7.06	647.36	0.63	42.07
5.236	29.94	6.86	0.72	7.06	609.64	0.65	42.06
5.266	29.94	6.86	0.69	7.05	561.49	0.65	42.06
5.31	29.94	6.86	0.57	7.04	644.07	0.69	42.06
5.376	29.94	6.86	0.72	7.04	710.58	0.68	42.06
5.444	29.94	6.86	0.72	7.03	604.02	0.67	42.06
5.462	29.94	6.86	0.69	7.05	706.31	0.67	42.06
5.476	29.94	6.86	0.65	7.06	618.75	0.68	42.07
5.499	29.94	6.86	0.84	7.06	600.67	0.69	42.06
5.519	29.94	6.86	0.69	7.07	630.63	0.71	42.07
5.55	29.95	6.86	0.61	7.08	597.61	0.67	42.06
5.617	29.95	6.86	0.72	7.08	592.78	0.68	42.07
5.695	29.95	6.86	0.57	7.07	638.57	0.67	42.07
5.765	29.95	6.86	0.61	7.07	546.72	0.68	42.06
5.806	29.95	6.86	0.5	7.08	500.63	0.69	42.06
5.81	29.95	6.86	0.69	7.09	641.83	0.68	42.06
5.811	29.95	6.86	0.65	7.08	500.74	0.67	42.06
5.813	29.95	6.86	0.61	7.08	533.45	0.67	42.06
5.816	29.95	6.86	0.84	7.08	607.81	0.64	42.06
5.821	29.95	6.86	0.72	7.08	503.07	0.68	42.06
5.827	29.95	6.86	0.65	7.07	464.2	0.69	42.06
5.832	29.95	6.86	0.61	7.08	446.99	0.67	42.06
5.833	29.95	6.86	0.42	7.03	497.27	0.66	42.06
5.834	29.95	6.86	0.57	7.03	627.27	0.65	42.07
5.837	29.95	6.86	0.5	7.04	523.05	0.67	42.07
5.842	29.95	6.86	0.57	7.06	466.89	0.65	42.06

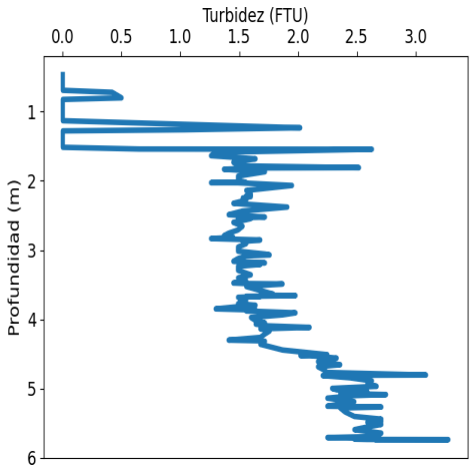
5.847	29.95	6.86	0.5	7.13	455.56	0.66	42.06
5.851	29.95	6.86	0.61	7.17	447.09	0.66	42.06
5.853	29.95	6.86	0.69	7.18	424.67	0.65	42.06
5.86	29.95	6.86	0.57	7.18	424.57	0.63	42.06
5.867	29.95	6.86	0.57	7.18	412.35	0.63	42.06
5.869	29.95	6.86	0.46	7.13	389.59	0.63	42.06
5.874	29.95	6.86	0.76	7.17	382.25	0.63	42.06
5.876	29.95	6.86	0.57	7.15	382.78	0.63	42.06
5.877	29.95	6.86	0.65	7.15	375.58	0.63	42.06
5.89	29.95	6.86	0.65	7.26	334.71	0.63	42.06
5.899	29.95	6.86	0.84	7.18	279.74	0.64	42.06

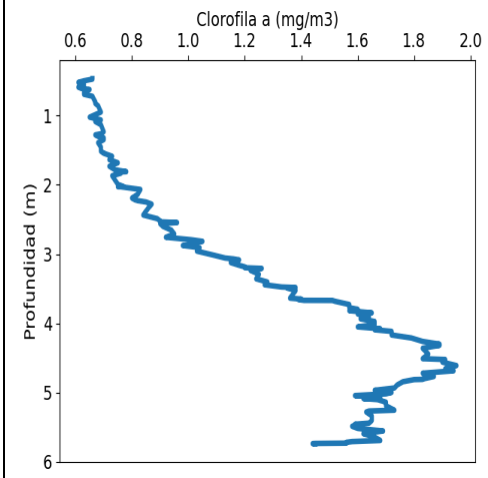
Nombre: CTD N05 - Punto 016 **Fecha: 18/07/2022** **Hora: 12:07:30**

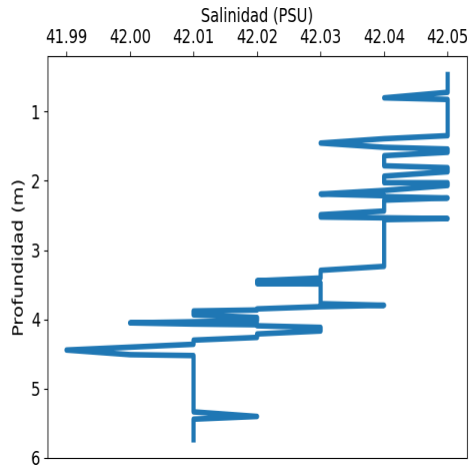


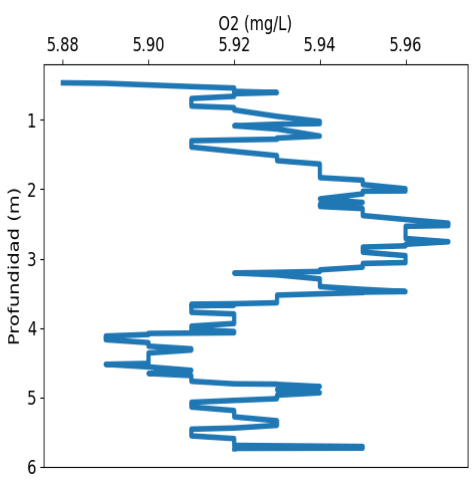


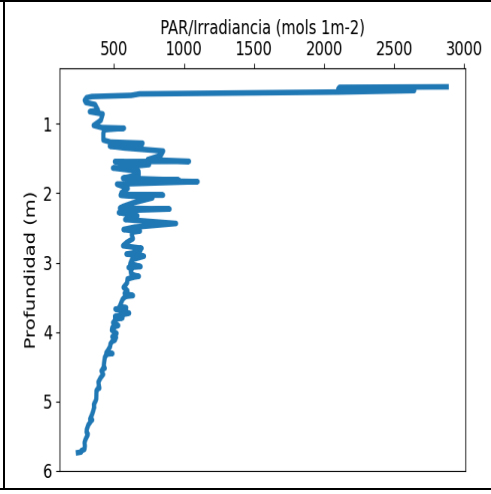












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.85	6.84	0.0	5.88	241.85	0.61	41.99
PROF (metros)	4.522	3.973	0.467	0.467	5.738	0.521	4.443
MÁXIMO	30.11	30.11	3.28	5.97	2875.3	1.95	42.05
PROF (metros)	0.498	0.467	5.737	2.489	0.467	4.61	0.467

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.1	6.87	0.46	5.91	374.98	0.67	42.05
1 - 2m	30.06	6.87	1.58	5.94	664.65	0.73	42.05
2 - 3m	30.02	6.86	1.54	5.95	650.96	0.9	42.04
3 - 4m	29.95	6.85	1.61	5.93	573.35	1.38	42.03
4 - 5m	29.87	6.84	2.05	5.91	434.63	1.8	42.01
5 - 6m	29.86	6.84	2.56	5.92	309.89	1.62	42.01

OBSERVACIONES GENERALES

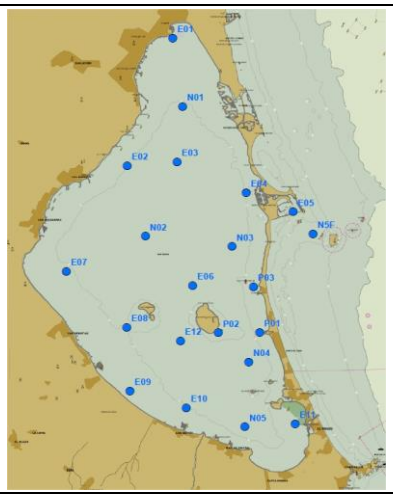
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.467	30.1	6.87	0.0	5.88	2875.3	0.66	42.05
0.474	30.1	6.87	0.0	5.89	2110.1	0.66	42.05
0.498	30.11	6.87	0.0	5.9	2100.3	0.63	42.05
0.521	30.11	6.87	0.0	5.91	2643.3	0.61	42.05
0.542	30.11	6.87	0.0	5.92	2108.2	0.63	42.05
0.569	30.11	6.87	0.0	5.92	681.54	0.63	42.05
0.59	30.11	6.87	0.0	5.92	622.93	0.61	42.05
0.607	30.1	6.87	0.0	5.93	341.29	0.62	42.05
0.624	30.1	6.87	0.0	5.92	303.38	0.65	42.05
0.661	30.1	6.87	0.0	5.92	290.65	0.63	42.05
0.693	30.1	6.87	0.0	5.91	298.92	0.63	42.05
0.722	30.1	6.87	0.42	5.91	364.51	0.66	42.05
0.802	30.1	6.87	0.5	5.91	385.45	0.67	42.04
0.825	30.08	6.87	0.0	5.92	326.59	0.67	42.05
0.858	30.08	6.87	0.0	5.92	419.58	0.68	42.05
0.95	30.09	6.87	0.0	5.93	405.71	0.69	42.05
1.023	30.09	6.87	0.0	5.94	354.51	0.65	42.05
1.054	30.08	6.87	0.0	5.94	412.06	0.68	42.05
1.063	30.08	6.87	0.0	5.93	571.6	0.69	42.05
1.086	30.08	6.87	0.0	5.92	432.01	0.67	42.05
1.132	30.08	6.87	0.0	5.93	423.98	0.69	42.05
1.234	30.08	6.87	2.02	5.94	423.98	0.7	42.05
1.263	30.08	6.87	1.03	5.93	475.08	0.69	42.05
1.279	30.08	6.87	0.0	5.93	703.86	0.67	42.05
1.301	30.08	6.87	0.0	5.91	698.17	0.68	42.05
1.321	30.08	6.87	0.0	5.91	469.61	0.7	42.05
1.348	30.09	6.87	0.0	5.91	574.52	0.7	42.05
1.392	30.09	6.87	0.0	5.91	851.19	0.68	42.04
1.455	30.08	6.87	0.0	5.92	833.81	0.69	42.03
1.516	30.08	6.87	0.0	5.93	740.16	0.69	42.04
1.541	30.07	6.87	0.65	5.93	1035.6	0.7	42.05
1.544	30.07	6.87	2.63	5.93	505.64	0.7	42.05
1.588	30.07	6.87	1.3	5.93	750.35	0.73	42.05
1.637	30.07	6.87	1.26	5.94	492.0	0.72	42.04
1.682	30.06	6.87	1.64	5.94	675.57	0.75	42.04
1.732	30.06	6.87	1.45	5.94	676.51	0.72	42.04

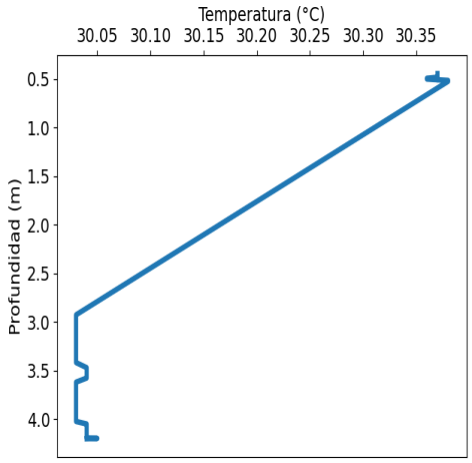
1.783	30.06	6.87	1.49	5.94	562.92	0.74	42.04
1.81	30.06	6.87	2.52	5.94	962.66	0.78	42.05
1.814	30.06	6.87	1.68	5.94	640.94	0.76	42.05
1.833	30.06	6.87	1.37	5.94	1097.1	0.76	42.05
1.869	30.06	6.87	1.72	5.95	520.39	0.73	42.05
1.932	30.06	6.87	1.49	5.95	598.44	0.74	42.04
1.993	30.06	6.87	1.49	5.96	552.58	0.75	42.04
2.024	30.05	6.87	1.56	5.96	582.43	0.77	42.04
2.027	30.05	6.87	1.26	5.95	850.59	0.75	42.04
2.028	30.05	6.87	1.49	5.95	546.47	0.76	42.05
2.067	30.05	6.87	1.95	5.95	774.56	0.83	42.05
2.139	30.05	6.87	1.56	5.94	635.76	0.82	42.04
2.191	30.04	6.86	1.6	5.95	563.84	0.8	42.03
2.215	30.04	6.86	1.56	5.94	541.55	0.81	42.04
2.228	30.03	6.86	1.6	5.94	896.96	0.82	42.04
2.248	30.03	6.87	1.53	5.94	585.0	0.85	42.05
2.279	30.03	6.86	1.56	5.95	533.82	0.87	42.04
2.325	30.03	6.86	1.45	5.95	667.16	0.86	42.04
2.379	30.03	6.86	1.91	5.95	579.07	0.85	42.04
2.436	30.03	6.86	1.53	5.96	943.01	0.84	42.04
2.489	30.02	6.86	1.41	5.97	645.26	0.89	42.03
2.523	30.02	6.86	1.72	5.97	567.11	0.9	42.03
2.534	30.01	6.86	1.49	5.96	609.78	0.9	42.04
2.545	30.01	6.86	1.6	5.96	685.5	0.96	42.05
2.561	30.01	6.86	1.56	5.96	629.9	0.9	42.04
2.6	30.01	6.86	1.45	5.96	626.69	0.91	42.04
2.655	30.01	6.86	1.53	5.96	635.17	0.94	42.04
2.71	30.0	6.86	1.49	5.96	590.31	0.95	42.04
2.757	30.0	6.86	1.41	5.97	564.23	0.92	42.04
2.793	30.0	6.86	1.37	5.96	697.52	1.01	42.04
2.816	30.0	6.86	1.45	5.96	648.86	1.05	42.04
2.834	29.99	6.86	1.26	5.95	687.41	1.01	42.04
2.854	29.99	6.86	1.68	5.95	660.09	1.03	42.04
2.876	29.99	6.86	1.53	5.95	588.13	0.98	42.04
2.907	29.99	6.86	1.56	5.95	714.21	1.04	42.04
2.957	29.99	6.86	1.49	5.96	627.42	1.03	42.04
3.016	29.99	6.86	1.49	5.96	615.89	1.09	42.04
3.057	29.99	6.86	1.72	5.96	690.13	1.13	42.04
3.07	29.99	6.86	1.76	5.95	603.18	1.16	42.04
3.085	29.98	6.86	1.56	5.95	628.73	1.18	42.04
3.123	29.98	6.86	1.49	5.95	619.18	1.15	42.04
3.162	29.98	6.86	1.45	5.94	621.92	1.18	42.04
3.185	29.98	6.86	1.72	5.94	650.07	1.2	42.04
3.197	29.98	6.86	1.53	5.93	678.08	1.2	42.04
3.207	29.98	6.86	1.68	5.92	646.31	1.26	42.04
3.235	29.98	6.86	1.49	5.93	596.09	1.22	42.04
3.292	29.98	6.86	1.49	5.94	593.33	1.25	42.03
3.357	29.97	6.86	1.6	5.94	567.9	1.24	42.03
3.403	29.97	6.85	1.49	5.94	595.68	1.28	42.03
3.443	29.97	6.85	1.56	5.95	575.32	1.27	42.02
3.475	29.96	6.85	1.45	5.96	636.06	1.33	42.03
3.483	29.95	6.85	1.56	5.95	597.75	1.38	42.02
3.489	29.95	6.85	1.87	5.95	582.7	1.35	42.03
3.526	29.95	6.85	1.56	5.93	561.49	1.38	42.03
3.636	29.94	6.85	1.79	5.93	539.42	1.36	42.03
3.65	29.94	6.85	1.68	5.92	587.45	1.4	42.03
3.657	29.93	6.85	1.98	5.91	540.67	1.39	42.03
3.668	29.93	6.85	1.56	5.91	520.02	1.41	42.03

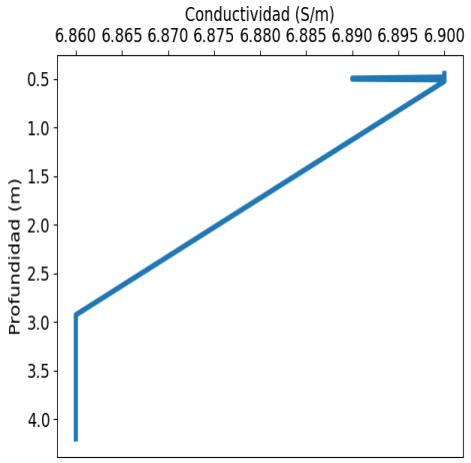
3.669	29.93	6.85	1.68	5.92	509.52	1.51	42.03
3.682	29.93	6.85	1.49	5.91	546.72	1.52	42.03
3.728	29.93	6.85	1.56	5.91	608.51	1.57	42.03
3.774	29.93	6.85	1.49	5.91	506.46	1.57	42.03
3.797	29.93	6.85	1.64	5.92	560.45	1.6	42.04
3.817	29.93	6.85	1.49	5.92	508.35	1.57	42.03
3.849	29.94	6.85	1.3	5.92	500.98	1.65	42.02
3.865	29.93	6.85	1.64	5.92	492.91	1.6	42.02
3.879	29.93	6.85	1.56	5.92	509.76	1.62	42.01
3.906	29.92	6.85	1.98	5.92	530.49	1.64	42.01
3.935	29.91	6.85	1.87	5.92	487.91	1.61	42.01
3.973	29.9	6.84	1.6	5.91	484.31	1.66	42.02
4.019	29.9	6.84	1.64	5.91	518.34	1.66	42.02
4.051	29.9	6.84	1.72	5.92	498.43	1.6	42.0
4.068	29.89	6.84	1.64	5.92	487.46	1.65	42.01
4.078	29.88	6.84	1.68	5.9	514.87	1.68	42.02
4.093	29.88	6.84	1.72	5.9	500.98	1.66	42.02
4.116	29.88	6.84	2.1	5.89	507.05	1.72	42.03
4.137	29.89	6.84	1.68	5.89	486.44	1.72	42.03
4.168	29.89	6.85	1.76	5.89	474.97	1.72	42.03
4.211	29.89	6.84	1.72	5.9	472.12	1.79	42.02
4.261	29.9	6.84	1.68	5.9	457.68	1.83	42.02
4.3	29.89	6.84	1.41	5.91	444.71	1.89	42.01
4.31	29.88	6.84	1.68	5.91	489.27	1.87	42.01
4.317	29.88	6.84	1.72	5.91	452.09	1.89	42.01
4.36	29.88	6.84	1.68	5.9	434.93	1.83	42.01
4.443	29.87	6.84	1.87	5.9	429.12	1.85	41.99
4.51	29.86	6.84	2.25	5.9	425.75	1.83	42.0
4.522	29.85	6.84	2.02	5.89	434.32	1.91	42.01
4.523	29.85	6.84	2.1	5.89	422.9	1.9	42.01
4.56	29.85	6.84	2.33	5.9	410.25	1.9	42.01
4.61	29.85	6.84	2.17	5.91	422.9	1.95	42.01
4.655	29.85	6.84	2.36	5.9	405.52	1.91	42.01
4.685	29.85	6.84	2.17	5.91	397.71	1.94	42.01
4.72	29.85	6.84	2.21	5.91	388.41	1.83	42.01
4.767	29.85	6.84	2.25	5.91	391.67	1.87	42.01
4.804	29.85	6.84	3.09	5.92	395.22	1.83	42.01
4.809	29.85	6.84	2.25	5.93	395.68	1.83	42.01
4.812	29.85	6.84	2.21	5.93	385.72	1.8	42.01
4.843	29.85	6.84	2.44	5.94	374.71	1.76	42.01
4.889	29.85	6.84	2.63	5.93	374.19	1.74	42.01
4.933	29.85	6.84	2.59	5.94	374.1	1.73	42.01
4.967	29.85	6.84	2.67	5.93	373.23	1.66	42.01
4.997	29.85	6.84	2.29	5.93	367.57	1.72	42.01
5.018	29.85	6.84	2.33	5.93	361.9	1.7	42.01
5.043	29.85	6.84	2.59	5.92	356.41	1.59	42.01
5.07	29.85	6.84	2.36	5.91	357.15	1.68	42.01
5.086	29.85	6.84	2.75	5.91	358.98	1.62	42.01
5.101	29.85	6.84	2.48	5.91	355.75	1.67	42.01
5.138	29.85	6.84	2.25	5.91	351.32	1.7	42.01
5.189	29.85	6.84	2.48	5.92	342.96	1.7	42.01
5.254	29.85	6.84	2.25	5.92	329.1	1.73	42.01
5.266	29.86	6.84	2.71	5.92	344.23	1.64	42.01
5.28	29.86	6.84	2.36	5.92	336.58	1.63	42.01
5.336	29.85	6.84	2.4	5.93	317.12	1.65	42.01
5.402	29.85	6.84	2.48	5.93	305.5	1.65	42.02
5.441	29.85	6.84	2.71	5.92	303.74	1.64	42.01
5.457	29.85	6.84	2.67	5.91	306.99	1.59	42.01

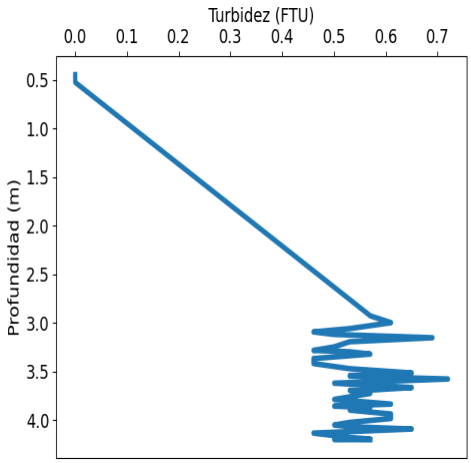
5.466	29.86	6.84	2.71	5.91	312.81	1.6	42.01
5.486	29.86	6.84	2.59	5.91	311.72	1.58	42.01
5.517	29.86	6.84	2.71	5.91	303.31	1.6	42.01
5.554	29.86	6.84	2.59	5.91	295.2	1.69	42.01
5.593	29.86	6.84	2.48	5.92	289.44	1.62	42.01
5.643	29.86	6.84	2.71	5.92	291.8	1.66	42.01
5.691	29.86	6.84	2.67	5.92	288.84	1.68	42.01
5.707	29.86	6.84	2.25	5.95	268.13	1.58	42.01
5.718	29.86	6.84	2.59	5.95	267.63	1.56	42.01
5.73	29.86	6.84	2.48	5.95	264.55	1.56	42.01
5.734	29.86	6.84	2.59	5.92	254.38	1.45	42.01
5.737	29.86	6.84	3.28	5.92	249.54	1.44	42.01
5.738	29.86	6.84	2.67	5.92	241.85	1.45	42.01

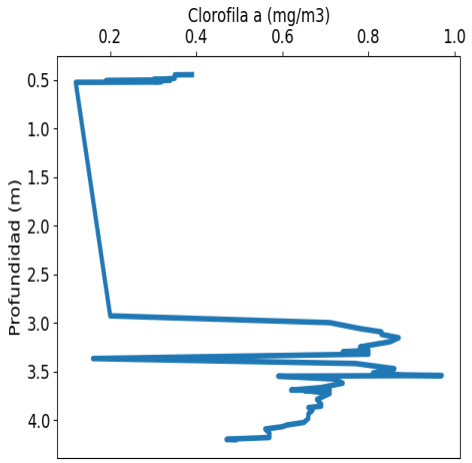
Nombre: CTD E11 - Punto 017 **Fecha: 18/07/2022** **Hora: 12:07:27**

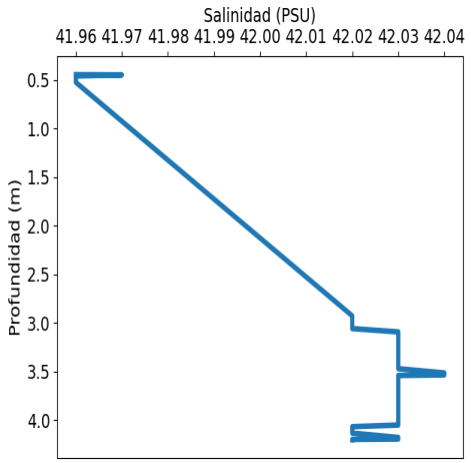


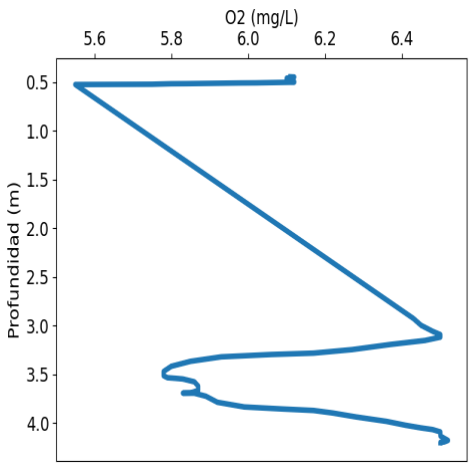


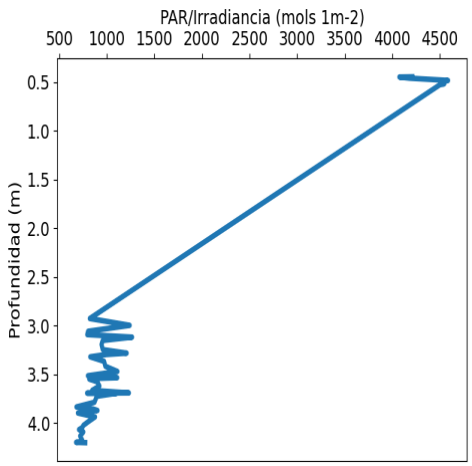


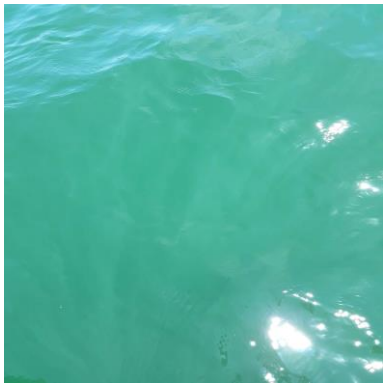












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.03	6.86	0.0	5.55	676.66	0.12	41.96
PROF (metros)	2.926	2.926	0.447	0.526	4.196	0.526	0.447
MÁXIMO	30.38	30.38	0.73	6.52	4587.9	0.97	42.04
PROF (metros)	0.517	0.447	3.575	4.176	0.484	3.539	3.513

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
2 - 3m	30.03	6.86	0.59	6.44	1031.22	0.45	42.02
3 - 4m	30.03	6.86	0.55	6.05	928.48	0.73	42.03
4 - 5m	30.04	6.86	0.54	6.49	731.34	0.55	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)
0.447	30.37	6.9	0.0	6.11	4211.8	0.39	41.96
0.449	30.37	6.9	0.0	6.12	4075.5	0.35	41.97
0.461	30.37	6.9	0.0	6.1	4184.6	0.35	41.96
0.484	30.37	6.9	0.0	6.1	4587.9	0.35	41.96
0.495	30.36	6.89	0.0	6.1	4543.4	0.32	41.96
0.497	30.36	6.89	0.0	6.12	4544.5	0.3	41.96
0.502	30.36	6.89	0.0	6.12	4549.8	0.34	41.96
0.509	30.37	6.9	0.0	6.02	4527.7	0.19	41.96
0.51	30.37	6.9	0.0	5.98	4521.4	0.3	41.96
0.517	30.38	6.9	0.0	5.84	4512.0	0.3	41.96
0.518	30.38	6.9	0.0	5.8	4547.7	0.32	41.96
0.523	30.38	6.9	0.0	5.75	4522.4	0.31	41.96
0.526	30.38	6.9	0.0	5.55	4504.6	0.12	41.96
2.926	30.03	6.86	0.57	6.43	821.34	0.2	42.02
2.996	30.03	6.86	0.61	6.45	1241.1	0.71	42.02
3.057	30.03	6.86	0.53	6.48	803.45	0.78	42.02
3.091	30.03	6.86	0.46	6.5	794.75	0.83	42.03
3.117	30.03	6.86	0.5	6.5	1266.3	0.83	42.03
3.151	30.03	6.86	0.69	6.46	957.32	0.87	42.03
3.192	30.03	6.86	0.53	6.37	944.54	0.85	42.03
3.245	30.03	6.86	0.5	6.27	957.77	0.78	42.03
3.281	30.03	6.86	0.46	6.17	1209.3	0.8	42.03
3.295	30.03	6.86	0.53	6.06	993.95	0.74	42.03
3.319	30.03	6.86	0.57	5.93	825.92	0.8	42.03
3.365	30.03	6.86	0.46	5.85	971.4	0.16	42.03
3.416	30.03	6.86	0.46	5.8	985.23	0.77	42.03
3.469	30.04	6.86	0.53	5.78	1112.2	0.86	42.03
3.513	30.04	6.86	0.65	5.78	801.03	0.81	42.04
3.533	30.04	6.86	0.57	5.79	1109.9	0.88	42.04
3.539	30.04	6.86	0.53	5.81	920.76	0.97	42.03
3.546	30.04	6.86	0.53	5.83	814.7	0.59	42.03
3.575	30.04	6.86	0.72	5.86	900.08	0.72	42.03
3.618	30.03	6.86	0.5	5.87	922.68	0.74	42.03
3.663	30.03	6.86	0.65	5.87	846.27	0.69	42.03
3.689	30.03	6.86	0.57	5.85	1233.0	0.62	42.03
3.691	30.03	6.86	0.57	5.83	792.54	0.71	42.03
3.692	30.03	6.86	0.53	5.86	1104.5	0.65	42.03
3.723	30.03	6.86	0.57	5.89	895.51	0.71	42.03
3.785	30.03	6.86	0.5	5.92	870.14	0.68	42.03

3.833	30.03	6.86	0.61	5.99	680.59	0.69	42.03
3.854	30.03	6.86	0.5	6.09	855.54	0.69	42.03
3.869	30.03	6.86	0.57	6.17	902.8	0.66	42.03
3.895	30.03	6.86	0.53	6.22	695.91	0.67	42.03
3.935	30.03	6.86	0.61	6.28	876.82	0.66	42.03
3.981	30.03	6.86	0.61	6.36	809.43	0.66	42.03
4.021	30.03	6.86	0.53	6.41	755.06	0.65	42.03
4.048	30.04	6.86	0.5	6.45	737.94	0.61	42.03
4.065	30.04	6.86	0.53	6.48	707.45	0.6	42.02
4.089	30.04	6.86	0.65	6.5	753.49	0.56	42.02
4.131	30.04	6.86	0.46	6.5	719.53	0.57	42.02
4.176	30.04	6.86	0.53	6.52	742.57	0.57	42.03
4.192	30.04	6.86	0.57	6.51	715.87	0.48	42.03
4.196	30.05	6.86	0.5	6.5	676.66	0.47	42.02
4.199	30.04	6.86	0.57	6.5	773.49	0.49	42.02

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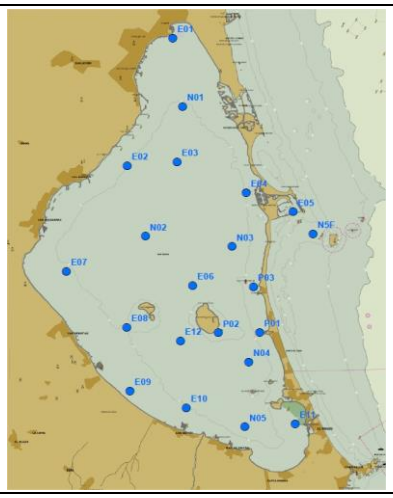
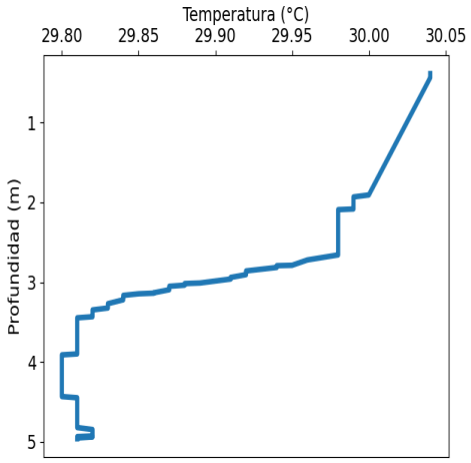
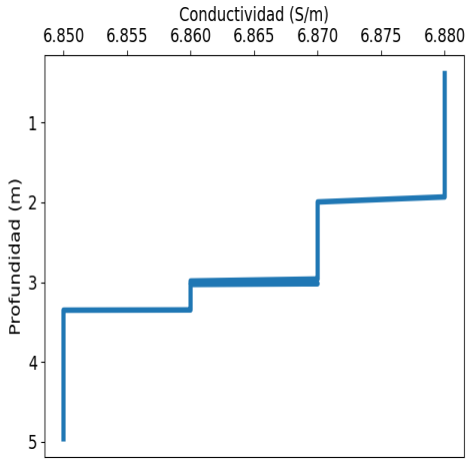
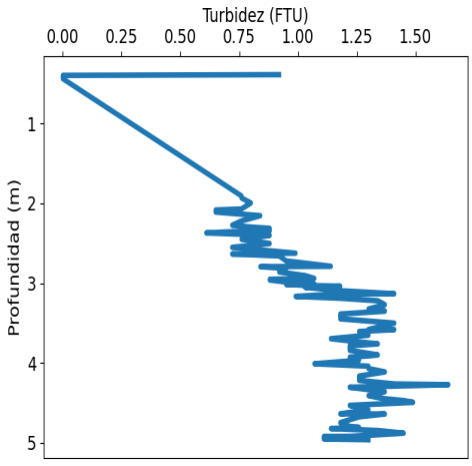
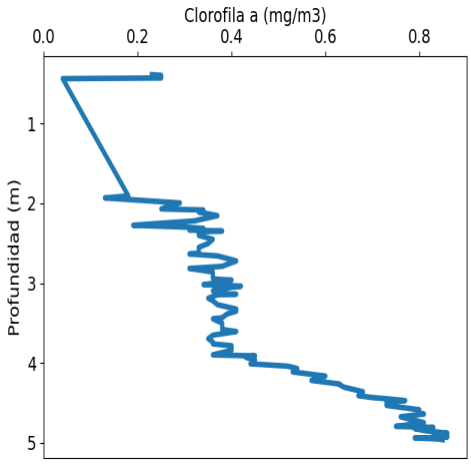
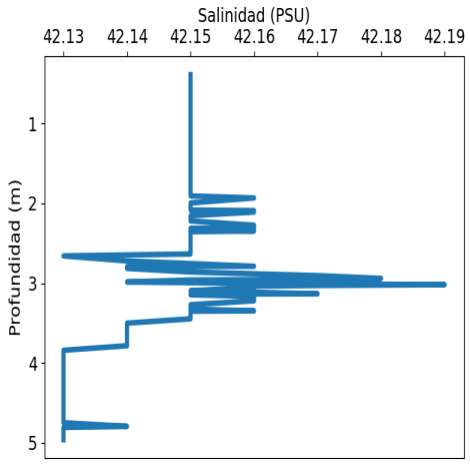


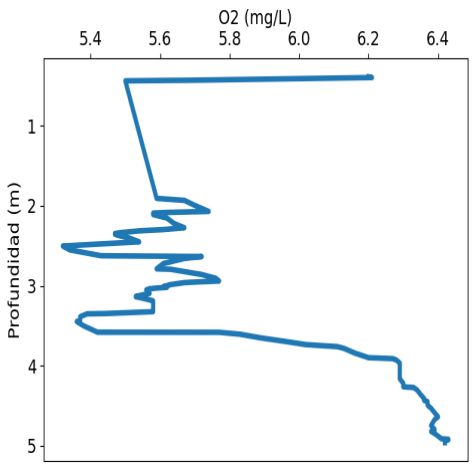


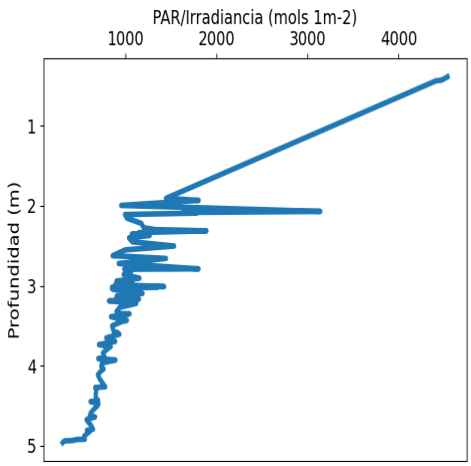












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.8	6.85	0.0	5.32	306.64	0.04	42.13
PROF (metros)	3.911	3.351	0.398	2.504	4.961	0.439	2.659
MÁXIMO	30.04	30.04	1.64	6.43	4537.1	0.86	42.19
PROF (metros)	0.389	0.389	4.272	4.919	0.389	4.879	3.018

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	30.04	6.88	0.92	6.2	4537.1	0.23	42.15
1 - 2m	29.99	6.88	0.78	5.65	1397.55	0.2	42.15
2 - 3m	29.96	6.87	0.84	5.59	1247.99	0.34	42.15
3 - 4m	29.83	6.86	1.22	5.71	923.09	0.38	42.15
4 - 5m	29.81	6.85	1.28	6.37	605.45	0.73	42.13

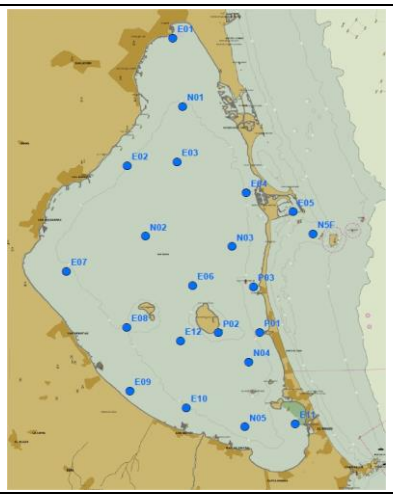
OBSERVACIONES GENERALES

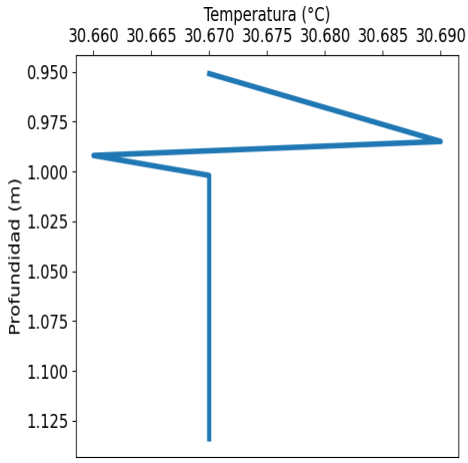
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.389	30.04	6.88	0.92	6.2	4537.1	0.23	42.15
0.398	30.04	6.88	0.0	6.21	4523.5	0.25	42.15
0.431	30.04	6.88	0.0	5.7	4469.3	0.25	42.15
0.439	30.04	6.88	0.0	5.5	4410.6	0.04	42.15
1.908	30.0	6.88	0.76	5.59	1441.5	0.18	42.15
1.933	29.99	6.88	0.76	5.67	1802.0	0.13	42.16
1.996	29.99	6.87	0.8	5.7	949.15	0.29	42.15
2.071	29.99	6.87	0.76	5.74	3139.3	0.25	42.15
2.084	29.99	6.87	0.65	5.62	1631.1	0.34	42.15
2.092	29.98	6.87	0.65	5.58	1779.2	0.34	42.16
2.11	29.98	6.87	0.65	5.58	990.5	0.33	42.16
2.155	29.98	6.87	0.84	5.62	1012.1	0.37	42.15
2.221	29.98	6.87	0.76	5.64	1171.7	0.32	42.15
2.275	29.98	6.87	0.72	5.67	1198.9	0.19	42.16
2.298	29.98	6.87	0.8	5.61	1318.8	0.3	42.16
2.314	29.98	6.87	0.88	5.54	1887.9	0.34	42.15
2.335	29.98	6.87	0.88	5.49	1147.3	0.31	42.15
2.347	29.98	6.87	0.88	5.47	1195.6	0.38	42.16
2.356	29.98	6.87	0.72	5.47	1065.5	0.34	42.15
2.371	29.98	6.87	0.61	5.48	1264.6	0.33	42.15
2.402	29.98	6.87	0.88	5.51	1034.9	0.33	42.15
2.451	29.98	6.87	0.76	5.54	1073.0	0.36	42.15
2.504	29.98	6.87	0.88	5.32	1532.1	0.35	42.15
2.552	29.98	6.87	0.72	5.34	994.64	0.33	42.15
2.625	29.98	6.87	0.99	5.43	854.74	0.33	42.15
2.635	29.98	6.87	0.72	5.72	1045.5	0.31	42.15
2.659	29.98	6.87	0.92	5.67	1443.2	0.37	42.13
2.722	29.96	6.87	0.95	5.61	921.62	0.41	42.14
2.789	29.95	6.87	1.14	5.59	1801.2	0.38	42.16
2.794	29.94	6.87	0.84	5.63	982.95	0.37	42.14
2.816	29.94	6.87	0.95	5.66	1064.0	0.31	42.14
2.86	29.92	6.87	0.92	5.72	976.37	0.36	42.15
2.906	29.92	6.87	1.03	5.76	1151.6	0.36	42.17
2.941	29.91	6.87	1.07	5.77	898.42	0.36	42.18
2.952	29.91	6.87	0.88	5.71	1072.7	0.37	42.17
2.961	29.91	6.87	0.88	5.67	905.1	0.4	42.15
2.986	29.9	6.86	0.95	5.63	885.19	0.38	42.14

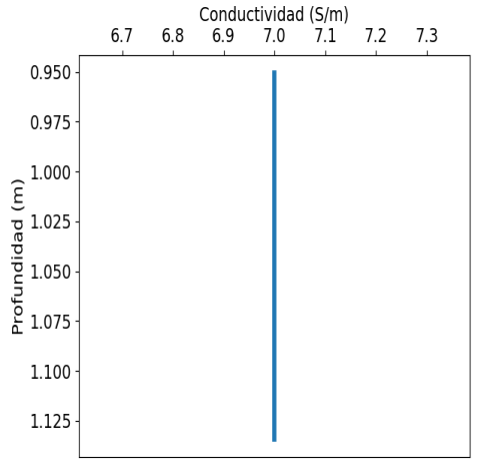
3.011	29.89	6.86	1.07	5.61	1423.3	0.35	42.17
3.018	29.88	6.87	0.95	5.62	849.21	0.34	42.19
3.02	29.88	6.87	0.99	5.62	1344.1	0.35	42.19
3.029	29.88	6.86	1.03	5.59	892.19	0.39	42.17
3.038	29.88	6.86	1.18	5.57	849.21	0.42	42.16
3.052	29.87	6.86	1.03	5.56	891.78	0.4	42.16
3.095	29.87	6.86	1.18	5.57	1186.0	0.36	42.15
3.133	29.86	6.86	1.41	5.53	897.79	0.37	42.17
3.138	29.86	6.86	1.14	5.53	912.48	0.41	42.15
3.146	29.85	6.86	1.11	5.54	1036.8	0.37	42.15
3.166	29.84	6.86	0.99	5.56	1146.8	0.36	42.16
3.189	29.84	6.86	1.18	5.58	815.08	0.35	42.16
3.221	29.84	6.86	1.34	5.58	1115.3	0.36	42.16
3.27	29.83	6.86	1.37	5.58	934.31	0.37	42.15
3.324	29.83	6.86	1.3	5.58	897.38	0.41	42.15
3.348	29.82	6.86	1.37	5.44	928.91	0.41	42.16
3.351	29.82	6.85	1.37	5.39	1042.8	0.41	42.15
3.387	29.82	6.85	1.18	5.37	836.9	0.39	42.15
3.433	29.82	6.85	1.18	5.37	1014.0	0.38	42.15
3.447	29.81	6.85	1.18	5.36	958.43	0.36	42.15
3.501	29.81	6.85	1.41	5.38	849.41	0.38	42.14
3.581	29.81	6.85	1.3	5.42	870.34	0.38	42.14
3.582	29.81	6.85	1.41	5.77	905.1	0.38	42.14
3.606	29.81	6.85	1.26	5.83	931.28	0.41	42.14
3.652	29.81	6.85	1.3	5.89	784.86	0.36	42.14
3.696	29.81	6.85	1.14	5.96	884.78	0.35	42.14
3.736	29.81	6.85	1.26	6.02	704.02	0.36	42.14
3.761	29.81	6.85	1.34	6.11	834.97	0.36	42.14
3.784	29.81	6.85	1.22	6.13	805.69	0.4	42.14
3.841	29.81	6.85	1.22	6.16	748.27	0.4	42.13
3.899	29.81	6.85	1.34	6.2	770.09	0.36	42.13
3.911	29.8	6.85	1.3	6.27	697.04	0.45	42.13
3.928	29.8	6.85	1.22	6.28	888.27	0.43	42.13
3.966	29.8	6.85	1.26	6.29	738.11	0.45	42.13
4.01	29.8	6.85	1.07	6.29	730.79	0.44	42.13
4.04	29.8	6.85	1.3	6.29	757.69	0.52	42.13
4.07	29.8	6.85	1.3	6.29	725.39	0.54	42.13
4.112	29.8	6.85	1.37	6.29	692.85	0.53	42.13
4.164	29.8	6.85	1.26	6.29	714.04	0.6	42.13
4.218	29.8	6.85	1.26	6.3	746.19	0.57	42.13
4.263	29.8	6.85	1.41	6.3	775.1	0.63	42.13
4.272	29.8	6.85	1.64	6.33	663.77	0.63	42.13
4.304	29.8	6.85	1.22	6.34	677.13	0.64	42.13
4.36	29.8	6.85	1.37	6.35	668.71	0.68	42.13
4.409	29.8	6.85	1.3	6.36	674.31	0.67	42.13
4.433	29.8	6.85	1.34	6.36	697.36	0.7	42.13
4.448	29.81	6.85	1.37	6.37	611.77	0.73	42.13
4.471	29.81	6.85	1.45	6.37	699.95	0.77	42.13
4.493	29.81	6.85	1.49	6.37	693.97	0.73	42.13
4.531	29.81	6.85	1.22	6.38	660.55	0.73	42.13
4.586	29.81	6.85	1.3	6.39	616.03	0.8	42.13
4.637	29.81	6.85	1.18	6.4	602.9	0.8	42.13
4.639	29.81	6.85	1.37	6.4	663.77	0.81	42.13
4.674	29.81	6.85	1.26	6.39	567.64	0.76	42.13
4.748	29.81	6.85	1.18	6.38	620.05	0.81	42.13
4.794	29.81	6.85	1.22	6.39	641.24	0.75	42.14
4.807	29.81	6.85	1.26	6.39	573.32	0.83	42.13
4.821	29.81	6.85	1.14	6.38	604.86	0.79	42.13

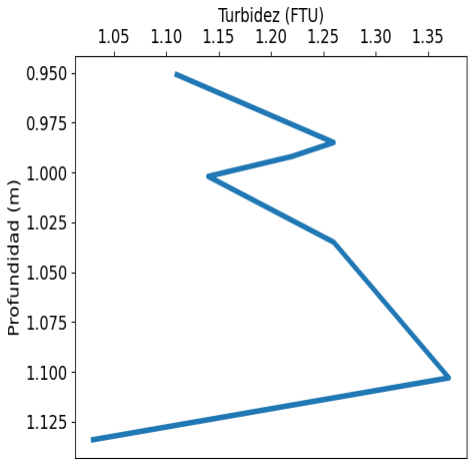
4.846	29.82	6.85	1.34	6.39	578.4	0.81	42.13
4.879	29.82	6.85	1.45	6.4	543.06	0.86	42.13
4.913	29.82	6.85	1.26	6.41	544.82	0.83	42.13
4.919	29.82	6.85	1.22	6.43	551.43	0.83	42.13
4.92	29.82	6.85	1.11	6.43	484.08	0.83	42.13
4.926	29.82	6.85	1.11	6.43	442.45	0.86	42.13
4.935	29.81	6.85	1.3	6.42	414.36	0.84	42.13
4.939	29.82	6.85	1.18	6.42	327.8	0.79	42.13
4.952	29.81	6.85	1.11	6.42	312.88	0.84	42.13
4.961	29.81	6.85	1.3	6.42	306.64	0.85	42.13

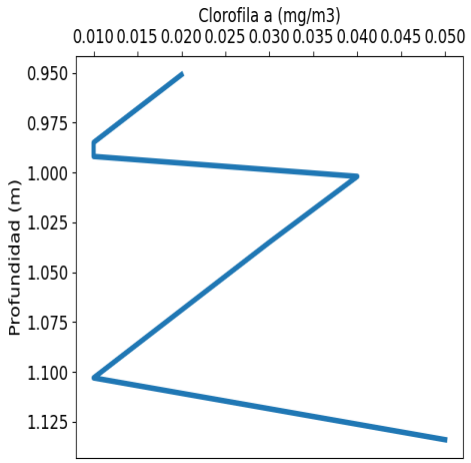
Nombre: CTD E09 - Punto 019 **Fecha: 18/07/2022** **Hora: 12:07:51**

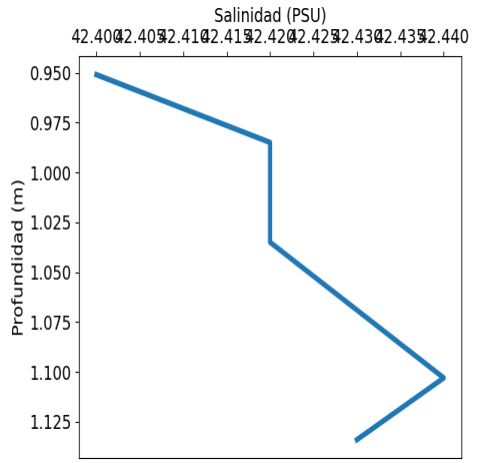


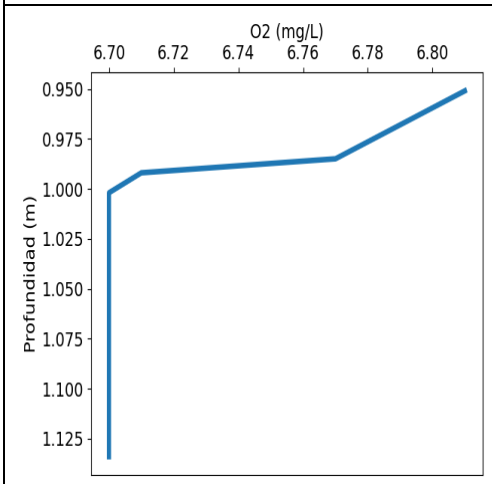


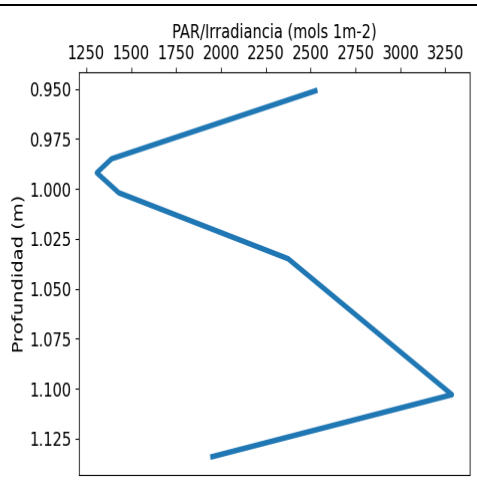












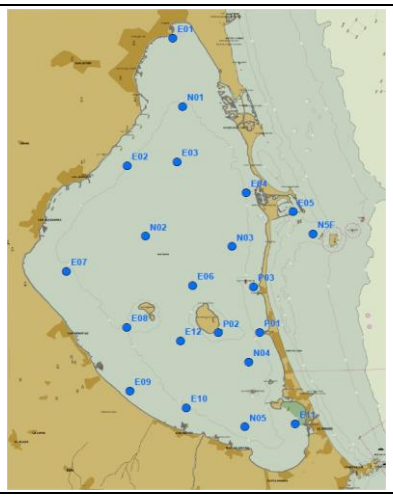
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.66	7.0	1.03	6.7	1307.8	0.01	42.4
PROF (metros)	0.992	0.951	1.134	1.002	0.992	0.985	0.951
MÁXIMO	30.69	30.69	1.37	6.81	3287.5	0.05	42.44
PROF (metros)	0.985	0.951	1.103	0.951	1.103	1.134	1.103

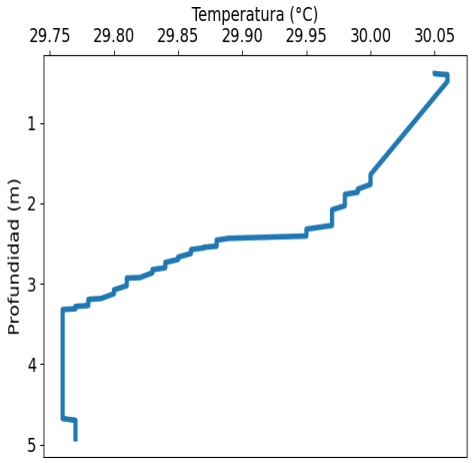
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	30.67	7.0	1.2	6.76	1741.53	0.02	42.41
1 - 2m	30.67	7.0	1.2	6.7	2261.08	0.03	42.43

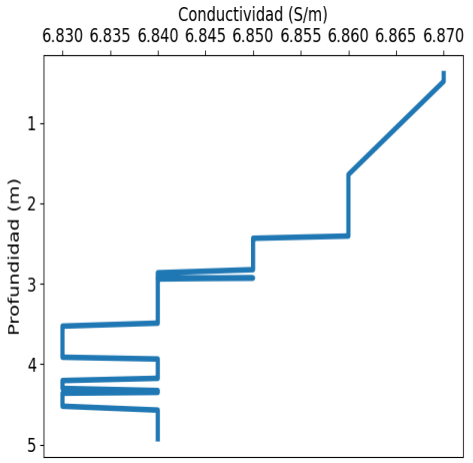
OBSERVACIONES GENERALES

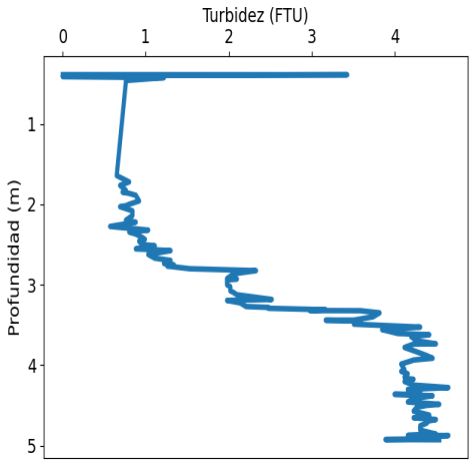
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.951	30.67	7.0	1.11	6.81	2526.5	0.02	42.4
0.985	30.69	7.0	1.26	6.77	1390.3	0.01	42.42
0.992	30.66	7.0	1.22	6.71	1307.8	0.01	42.42
1.002	30.67	7.0	1.14	6.7	1430.5	0.04	42.42
1.035	30.67	7.0	1.26	6.7	2374.3	0.03	42.42
1.103	30.67	7.0	1.37	6.7	3287.5	0.01	42.44
1.134	30.67	7.0	1.03	6.7	1952.0	0.05	42.43

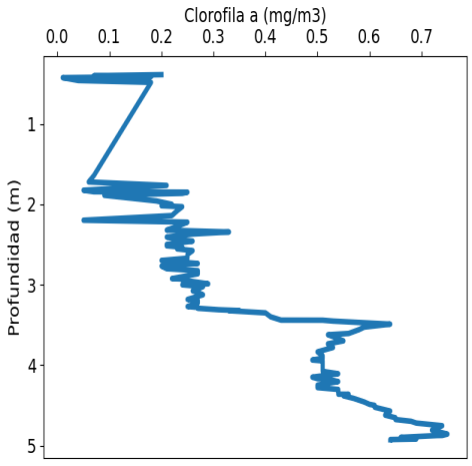
Nombre: CTD E08 - Punto 020 **Fecha: 18/07/2022** **Hora: 01:07:06**

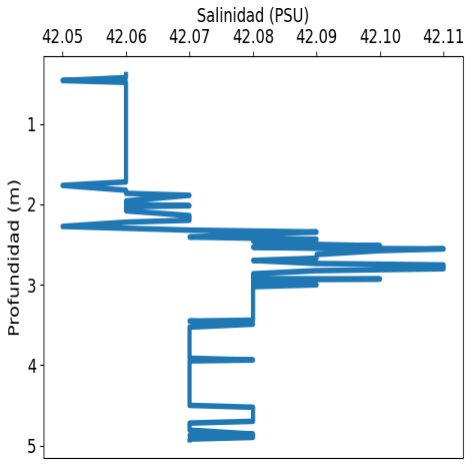


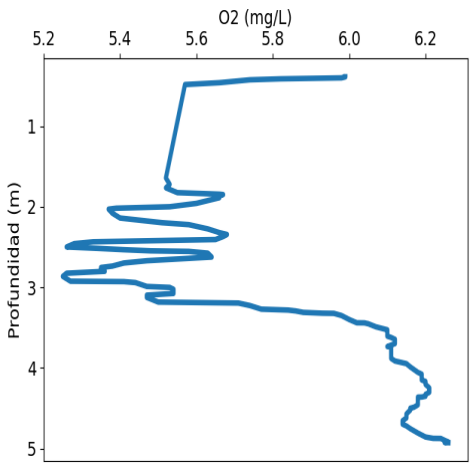


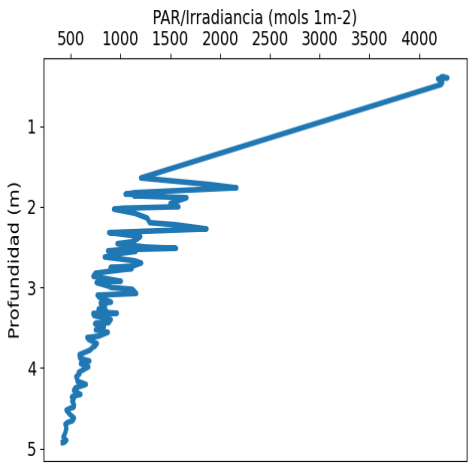












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.76	6.83	0.0	5.25	418.03	0.01	42.05
PROF (metros)	3.322	3.528	0.389	2.865	4.928	0.426	0.462
MÁXIMO	30.06	30.06	4.65	6.26	4285.7	0.75	42.11
PROF (metros)	0.402	0.389	4.28	4.92	0.402	4.858	2.555

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	30.06	6.87	1.54	5.74	4219.62	0.11	42.06
1 - 2m	29.99	6.86	0.78	5.6	1457.36	0.14	42.06
2 - 3m	29.89	6.85	1.19	5.45	1092.65	0.23	42.08
3 - 4m	29.77	6.84	3.39	5.93	787.69	0.42	42.08
4 - 5m	29.76	6.84	4.28	6.19	507.91	0.6	42.07

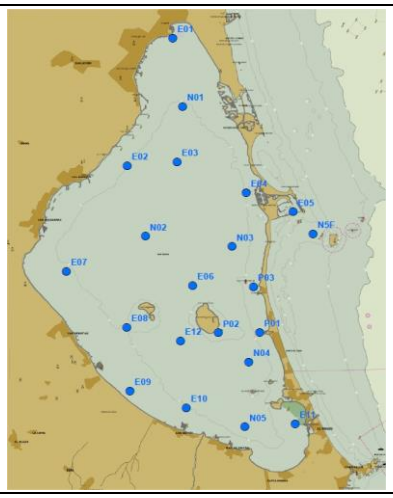
OBSERVACIONES GENERALES

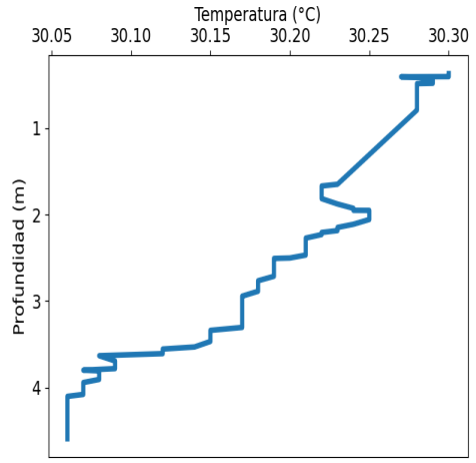
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.389	30.05	6.87	0.0	5.99	4238.3	0.2	42.06
0.39	30.05	6.87	3.43	5.99	4223.5	0.19	42.06
0.402	30.06	6.87	0.0	5.98	4285.7	0.07	42.06
0.414	30.06	6.87	0.0	5.82	4189.4	0.18	42.06
0.426	30.06	6.87	1.22	5.74	4201.1	0.01	42.06
0.462	30.06	6.87	0.76	5.66	4233.3	0.04	42.05
0.485	30.06	6.87	0.76	5.57	4220.6	0.18	42.06
1.644	30.0	6.86	0.65	5.52	1204.2	0.07	42.06
1.723	30.0	6.86	0.8	5.53	1881.4	0.06	42.06
1.766	30.0	6.86	0.69	5.52	2165.6	0.21	42.05
1.826	29.99	6.86	0.76	5.55	1140.7	0.05	42.06
1.845	29.99	6.86	0.76	5.66	1048.9	0.07	42.06
1.85	29.99	6.86	0.72	5.67	1376.9	0.25	42.06
1.865	29.99	6.86	0.8	5.66	1134.1	0.24	42.06
1.889	29.98	6.86	0.88	5.66	1663.9	0.09	42.07
1.959	29.98	6.86	0.92	5.6	1500.5	0.19	42.06
2.001	29.98	6.86	0.8	5.53	1583.0	0.22	42.06
2.019	29.98	6.86	0.76	5.39	1019.9	0.2	42.07
2.031	29.98	6.86	0.69	5.37	932.79	0.24	42.06
2.082	29.97	6.86	0.84	5.38	1142.8	0.23	42.06
2.141	29.97	6.86	0.84	5.4	1267.5	0.22	42.07
2.199	29.97	6.86	0.76	5.51	1293.9	0.05	42.07
2.223	29.97	6.86	0.88	5.58	1545.7	0.25	42.06
2.276	29.97	6.86	0.57	5.63	1864.5	0.23	42.05
2.322	29.95	6.86	1.03	5.66	884.37	0.21	42.07
2.345	29.95	6.86	0.8	5.68	1034.4	0.33	42.09
2.371	29.95	6.86	0.88	5.67	1198.7	0.26	42.08
2.408	29.95	6.86	0.95	5.65	1159.3	0.21	42.07
2.436	29.89	6.85	0.99	5.33	1114.0	0.23	42.09
2.459	29.88	6.85	0.92	5.28	967.81	0.26	42.08
2.5	29.88	6.85	0.95	5.26	1246.0	0.21	42.09
2.517	29.88	6.85	1.11	5.34	1558.3	0.21	42.1
2.534	29.88	6.85	1.03	5.41	1010.7	0.24	42.08
2.548	29.87	6.85	0.99	5.48	873.57	0.24	42.09
2.555	29.87	6.85	0.88	5.58	1152.6	0.23	42.11
2.577	29.86	6.85	1.3	5.63	1016.3	0.26	42.1
2.625	29.86	6.85	1.03	5.64	839.82	0.25	42.09

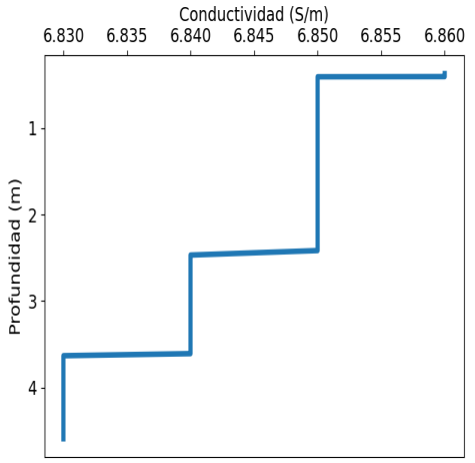
2.671	29.85	6.85	1.11	5.47	1139.6	0.25	42.09
2.699	29.85	6.85	1.3	5.41	1208.1	0.2	42.08
2.737	29.84	6.85	1.22	5.38	1121.5	0.27	42.09
2.755	29.84	6.85	1.34	5.35	898.21	0.23	42.11
2.769	29.84	6.85	1.26	5.35	1113.2	0.2	42.11
2.802	29.84	6.85	1.53	5.36	889.71	0.21	42.11
2.826	29.83	6.85	2.33	5.26	746.36	0.27	42.09
2.865	29.83	6.84	2.06	5.25	726.4	0.27	42.08
2.925	29.82	6.84	1.98	5.27	1004.1	0.22	42.08
2.93	29.81	6.85	2.1	5.41	858.72	0.24	42.1
2.942	29.81	6.84	1.98	5.44	758.04	0.24	42.08
2.99	29.81	6.84	1.98	5.47	887.45	0.29	42.08
3.002	29.81	6.84	1.98	5.53	901.55	0.24	42.09
3.025	29.81	6.84	2.02	5.54	1118.7	0.28	42.08
3.077	29.8	6.84	2.02	5.54	1158.0	0.26	42.08
3.098	29.8	6.84	2.06	5.47	767.77	0.27	42.08
3.126	29.8	6.84	2.1	5.47	788.69	0.28	42.08
3.184	29.79	6.84	2.52	5.5	905.31	0.25	42.08
3.196	29.78	6.84	1.98	5.71	798.44	0.27	42.08
3.227	29.78	6.84	2.14	5.74	846.66	0.27	42.08
3.272	29.78	6.84	2.21	5.77	777.62	0.25	42.08
3.283	29.77	6.84	2.48	5.84	851.38	0.27	42.08
3.294	29.77	6.84	2.48	5.86	848.43	0.27	42.08
3.312	29.77	6.84	3.17	5.88	842.35	0.31	42.08
3.322	29.76	6.84	2.98	5.93	964.0	0.35	42.08
3.324	29.76	6.84	3.59	5.96	724.71	0.33	42.08
3.351	29.76	6.84	3.82	5.98	732.65	0.4	42.08
3.4	29.76	6.84	3.74	6.0	903.22	0.41	42.08
3.441	29.76	6.84	3.51	6.02	879.05	0.43	42.08
3.442	29.76	6.84	3.17	6.04	757.52	0.51	42.08
3.453	29.76	6.84	3.59	6.05	742.4	0.53	42.07
3.491	29.76	6.84	3.51	6.07	833.42	0.64	42.08
3.528	29.76	6.83	4.31	6.1	749.48	0.59	42.07
3.559	29.76	6.83	3.85	6.1	873.17	0.58	42.07
3.607	29.76	6.83	4.04	6.1	779.79	0.56	42.07
3.623	29.76	6.83	4.42	6.11	664.08	0.52	42.07
3.646	29.76	6.83	4.2	6.12	677.6	0.53	42.07
3.699	29.76	6.83	4.27	6.12	763.33	0.55	42.07
3.736	29.76	6.83	4.5	6.1	738.28	0.52	42.07
3.739	29.76	6.83	4.23	6.11	724.71	0.52	42.07
3.781	29.76	6.83	4.12	6.11	692.05	0.53	42.07
3.836	29.76	6.83	4.27	6.11	586.09	0.5	42.07
3.883	29.76	6.83	4.39	6.11	593.33	0.51	42.07
3.915	29.76	6.83	4.46	6.12	687.57	0.51	42.07
3.937	29.76	6.84	4.23	6.14	620.91	0.49	42.08
3.948	29.76	6.84	4.2	6.15	599.83	0.51	42.07
3.988	29.76	6.84	4.08	6.16	676.98	0.51	42.07
4.056	29.76	6.84	4.12	6.18	578.53	0.51	42.07
4.078	29.76	6.84	4.08	6.19	586.22	0.51	42.07
4.108	29.76	6.84	4.16	6.19	553.86	0.54	42.07
4.15	29.76	6.84	4.12	6.19	566.06	0.49	42.07
4.169	29.76	6.84	4.16	6.2	566.85	0.5	42.07
4.177	29.76	6.84	4.23	6.2	593.33	0.52	42.07
4.205	29.76	6.83	4.12	6.2	652.48	0.54	42.07
4.249	29.76	6.83	4.23	6.21	544.82	0.5	42.07
4.28	29.76	6.83	4.65	6.21	530.37	0.5	42.07
4.303	29.76	6.83	4.16	6.21	558.37	0.54	42.07
4.329	29.76	6.84	4.31	6.2	598.03	0.54	42.07

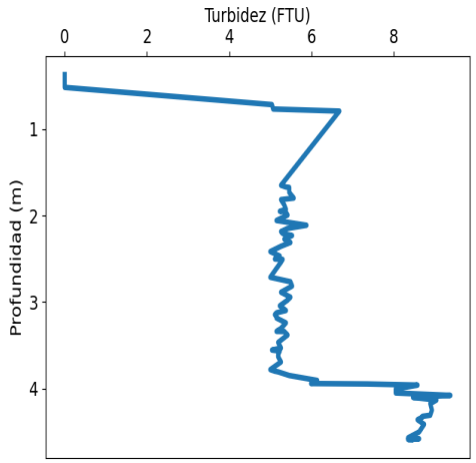
4.352	29.76	6.84	4.2	6.2	524.75	0.54	42.07
4.362	29.76	6.83	4.27	6.19	509.52	0.54	42.07
4.363	29.76	6.83	4.0	6.18	527.31	0.56	42.07
4.382	29.76	6.83	4.46	6.18	530.37	0.55	42.07
4.415	29.76	6.83	4.23	6.18	513.44	0.57	42.07
4.459	29.76	6.83	4.16	6.18	533.33	0.59	42.07
4.488	29.76	6.83	4.54	6.17	529.51	0.6	42.07
4.501	29.76	6.83	4.39	6.16	494.97	0.61	42.07
4.524	29.76	6.83	4.27	6.16	455.14	0.61	42.08
4.572	29.76	6.84	4.23	6.15	486.9	0.64	42.08
4.622	29.76	6.84	4.42	6.15	532.59	0.63	42.08
4.655	29.76	6.84	4.23	6.14	518.7	0.65	42.08
4.677	29.76	6.84	4.5	6.14	467.98	0.65	42.08
4.699	29.77	6.84	4.39	6.14	444.3	0.68	42.08
4.721	29.77	6.84	4.39	6.15	451.78	0.69	42.07
4.754	29.77	6.84	4.31	6.16	455.56	0.74	42.07
4.809	29.77	6.84	4.31	6.18	443.27	0.72	42.07
4.858	29.77	6.84	4.5	6.2	424.86	0.75	42.08
4.875	29.77	6.84	4.16	6.22	429.02	0.74	42.07
4.876	29.77	6.84	4.65	6.24	431.81	0.73	42.08
4.899	29.77	6.84	4.27	6.25	456.09	0.66	42.08
4.92	29.77	6.84	4.23	6.26	437.35	0.69	42.07
4.926	29.77	6.84	3.89	6.25	431.31	0.64	42.07
4.928	29.77	6.84	4.54	6.26	418.03	0.64	42.07

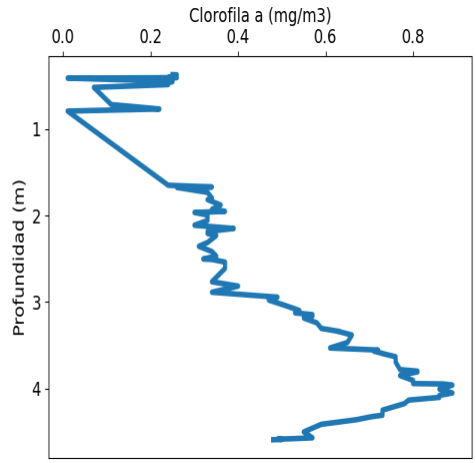
Nombre: CTD E07 - Punto 021 **Fecha: 18/07/2022** **Hora: 01:07:19**

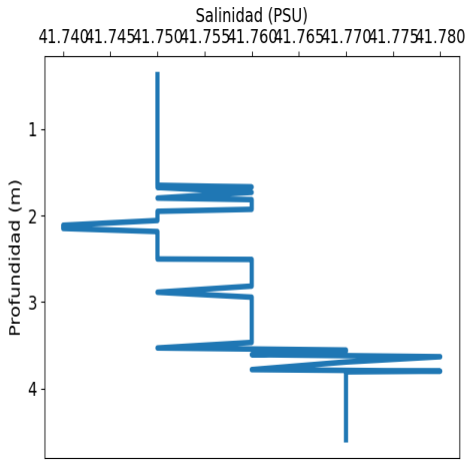


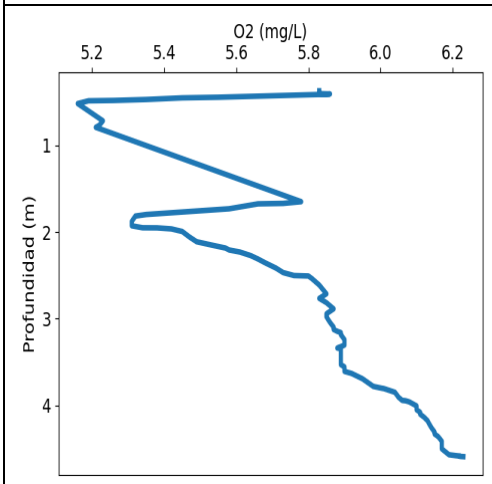


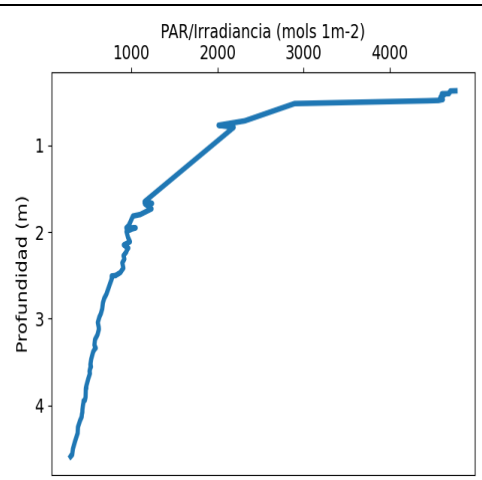












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	30.06	6.83	0.0	5.16	294.38	0.01	41.74
PROF (metros)	4.101	3.631	0.372	0.519	4.59	0.412	2.112
MÁXIMO	30.3	30.3	9.38	6.23	4762.3	0.89	41.78
PROF (metros)	0.372	0.372	4.078	4.59	0.372	3.959	3.631

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	30.28	6.85	5.6	5.22	2172.1	0.11	41.75
1 - 2m	30.23	6.85	5.37	5.47	1067.52	0.33	41.75
2 - 3m	30.2	6.84	5.33	5.71	824.71	0.36	41.75
3 - 4m	30.12	6.84	5.5	5.94	535.5	0.69	41.76
4 - 5m	30.06	6.83	8.63	6.16	366.43	0.68	41.77

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)
0.372	30.3	6.86	0.0	5.83	4762.3	0.25	41.75
0.374	30.3	6.86	0.0	5.83	4702.0	0.26	41.75
0.404	30.3	6.86	0.0	5.83	4687.9	0.24	41.75
0.406	30.3	6.86	0.0	5.84	4619.9	0.26	41.75
0.408	30.27	6.85	0.0	5.86	4602.8	0.21	41.75
0.412	30.28	6.85	0.0	5.85	4637.1	0.01	41.75
0.446	30.29	6.85	0.0	5.55	4586.8	0.23	41.75
0.453	30.29	6.85	0.0	5.45	4599.6	0.25	41.75
0.472	30.29	6.85	0.0	5.35	4616.7	0.22	41.75
0.483	30.29	6.85	0.0	5.26	4564.6	0.24	41.75
0.487	30.28	6.85	0.0	5.19	4433.2	0.24	41.75
0.519	30.28	6.85	0.0	5.16	2894.7	0.07	41.75
0.718	30.28	6.85	5.04	5.23	2316.7	0.11	41.75
0.769	30.28	6.85	5.07	5.22	2011.3	0.22	41.75
0.793	30.28	6.85	6.68	5.21	2188.3	0.01	41.75
1.65	30.23	6.85	5.26	5.78	1153.2	0.24	41.75
1.67	30.22	6.85	5.38	5.73	1241.4	0.34	41.76
1.675	30.22	6.85	5.46	5.66	1156.4	0.26	41.75
1.732	30.22	6.85	5.46	5.58	1234.8	0.33	41.76
1.798	30.22	6.85	5.57	5.35	1103.0	0.34	41.75
1.816	30.22	6.85	5.26	5.32	1018.2	0.33	41.76
1.878	30.23	6.85	5.34	5.31	990.96	0.36	41.76
1.928	30.24	6.85	5.38	5.31	967.36	0.34	41.76
1.951	30.24	6.85	5.23	5.34	941.7	0.37	41.75
1.952	30.25	6.85	5.3	5.38	1050.3	0.37	41.75
1.964	30.25	6.85	5.38	5.42	1009.7	0.3	41.75
1.994	30.25	6.85	5.42	5.45	943.23	0.33	41.75
2.057	30.25	6.85	5.15	5.47	959.54	0.33	41.75
2.112	30.24	6.85	5.88	5.49	983.64	0.3	41.74
2.149	30.23	6.85	5.42	5.53	911.84	0.39	41.74
2.185	30.23	6.85	5.26	5.57	964.9	0.33	41.75
2.207	30.22	6.85	5.3	5.58	947.61	0.33	41.75
2.231	30.22	6.85	5.53	5.61	940.61	0.35	41.75
2.272	30.21	6.85	5.34	5.64	908.68	0.34	41.75
2.311	30.21	6.85	5.49	5.66	919.06	0.33	41.75
2.355	30.21	6.85	5.26	5.68	894.88	0.31	41.75
2.416	30.21	6.85	5.0	5.71	906.99	0.34	41.75

2.468	30.21	6.84	5.23	5.73	871.14	0.35	41.75
2.502	30.2	6.84	5.11	5.76	815.46	0.32	41.75
2.507	30.19	6.84	5.3	5.8	771.34	0.34	41.76
2.538	30.19	6.84	5.26	5.81	772.95	0.37	41.76
2.611	30.19	6.84	5.15	5.83	746.88	0.37	41.76
2.713	30.19	6.84	5.0	5.85	711.73	0.35	41.76
2.765	30.18	6.84	5.49	5.83	685.18	0.34	41.76
2.815	30.18	6.84	5.53	5.85	669.95	0.4	41.76
2.886	30.18	6.84	5.26	5.87	661.47	0.34	41.75
2.943	30.17	6.84	5.49	5.85	645.41	0.49	41.76
2.977	30.17	6.84	5.42	5.85	629.6	0.47	41.76
3.043	30.17	6.84	5.23	5.86	610.35	0.51	41.76
3.097	30.17	6.84	5.38	5.87	621.05	0.54	41.76
3.124	30.17	6.84	5.15	5.87	622.78	0.53	41.76
3.145	30.17	6.84	5.11	5.88	616.75	0.57	41.76
3.16	30.17	6.84	5.15	5.89	613.19	0.57	41.76
3.184	30.17	6.84	5.15	5.89	606.82	0.55	41.76
3.24	30.17	6.84	5.38	5.9	577.99	0.58	41.76
3.304	30.17	6.84	5.26	5.9	570.81	0.59	41.76
3.338	30.15	6.84	5.15	5.88	587.04	0.63	41.76
3.34	30.15	6.84	5.34	5.89	579.74	0.63	41.76
3.38	30.15	6.84	5.42	5.89	556.82	0.66	41.76
3.466	30.15	6.84	5.19	5.89	533.7	0.65	41.76
3.53	30.14	6.84	5.26	5.89	524.14	0.61	41.75
3.554	30.12	6.84	5.04	5.9	531.97	0.72	41.77
3.566	30.12	6.84	5.23	5.9	523.29	0.71	41.77
3.607	30.12	6.84	5.19	5.9	514.03	0.74	41.76
3.631	30.08	6.83	5.19	5.92	519.06	0.76	41.78
3.692	30.09	6.83	5.26	5.95	499.59	0.76	41.77
3.78	30.09	6.83	5.0	5.98	476.07	0.77	41.76
3.798	30.07	6.83	5.11	6.0	477.73	0.81	41.78
3.806	30.08	6.83	5.19	6.01	471.02	0.81	41.77
3.848	30.08	6.83	5.46	6.04	470.15	0.77	41.77
3.905	30.08	6.83	6.14	6.05	468.3	0.8	41.77
3.941	30.07	6.83	5.99	6.06	460.55	0.8	41.77
3.946	30.07	6.83	7.36	6.07	445.12	0.87	41.77
3.959	30.07	6.83	8.58	6.08	445.02	0.89	41.77
4.005	30.07	6.83	8.05	6.1	437.25	0.86	41.77
4.05	30.07	6.83	8.05	6.1	431.81	0.89	41.77
4.078	30.07	6.83	9.38	6.11	431.41	0.86	41.77
4.101	30.06	6.83	8.47	6.11	425.75	0.86	41.77
4.132	30.06	6.83	9.04	6.12	423.19	0.79	41.77
4.173	30.06	6.83	8.89	6.13	404.87	0.78	41.77
4.248	30.06	6.83	8.93	6.14	380.22	0.73	41.77
4.307	30.06	6.83	8.89	6.15	376.97	0.73	41.77
4.32	30.06	6.83	8.7	6.15	376.88	0.71	41.77
4.329	30.06	6.83	8.7	6.15	373.49	0.7	41.77
4.359	30.06	6.83	8.58	6.16	363.67	0.67	41.77
4.412	30.06	6.83	8.74	6.17	346.55	0.59	41.77
4.5	30.06	6.83	8.62	6.17	321.71	0.55	41.77
4.568	30.06	6.83	8.35	6.19	312.81	0.57	41.77
4.579	30.06	6.83	8.62	6.21	298.78	0.52	41.77
4.583	30.06	6.83	8.54	6.22	298.99	0.49	41.77
4.587	30.06	6.83	8.35	6.22	297.05	0.5	41.77
4.59	30.06	6.83	8.43	6.23	294.38	0.48	41.77