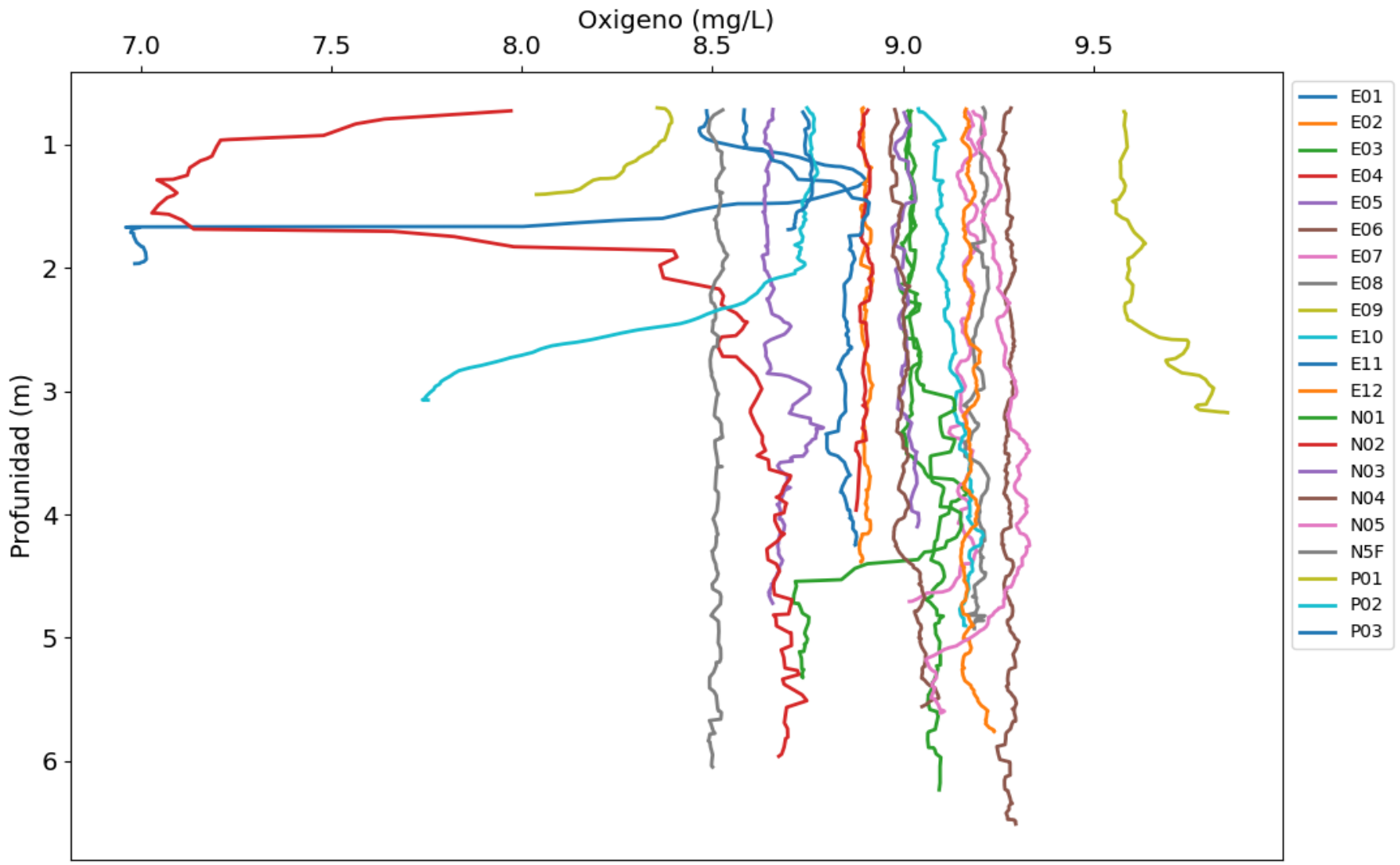
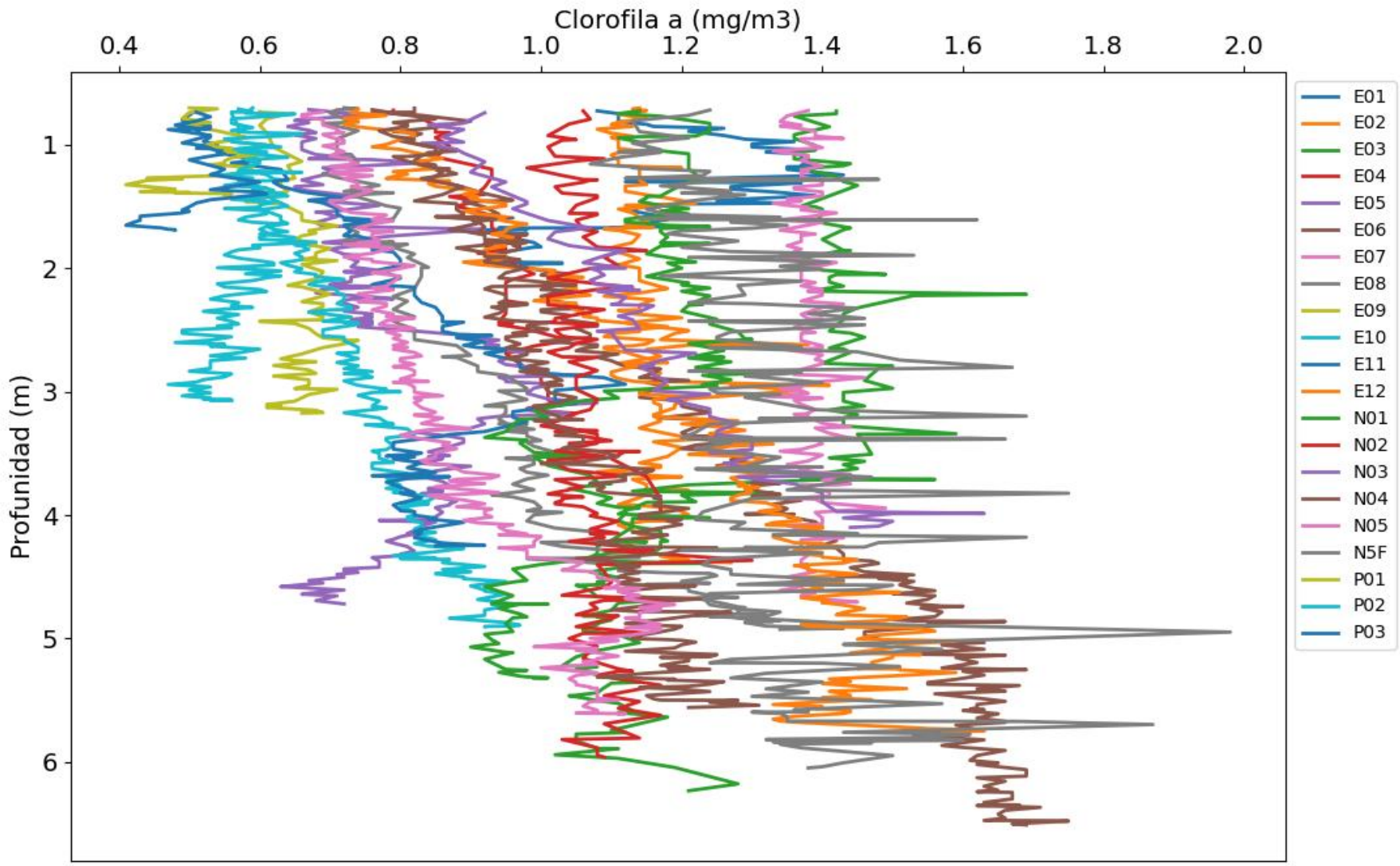
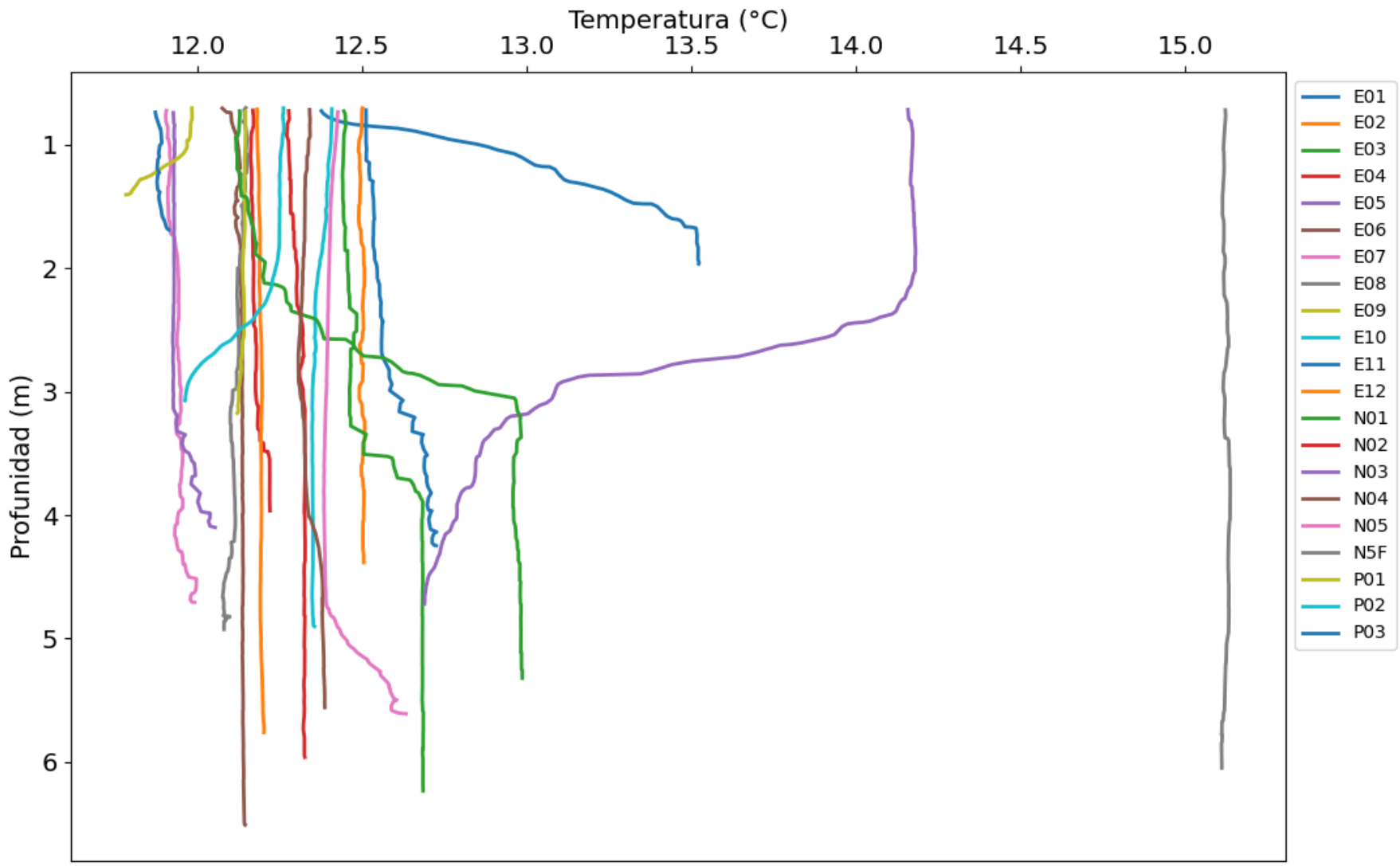
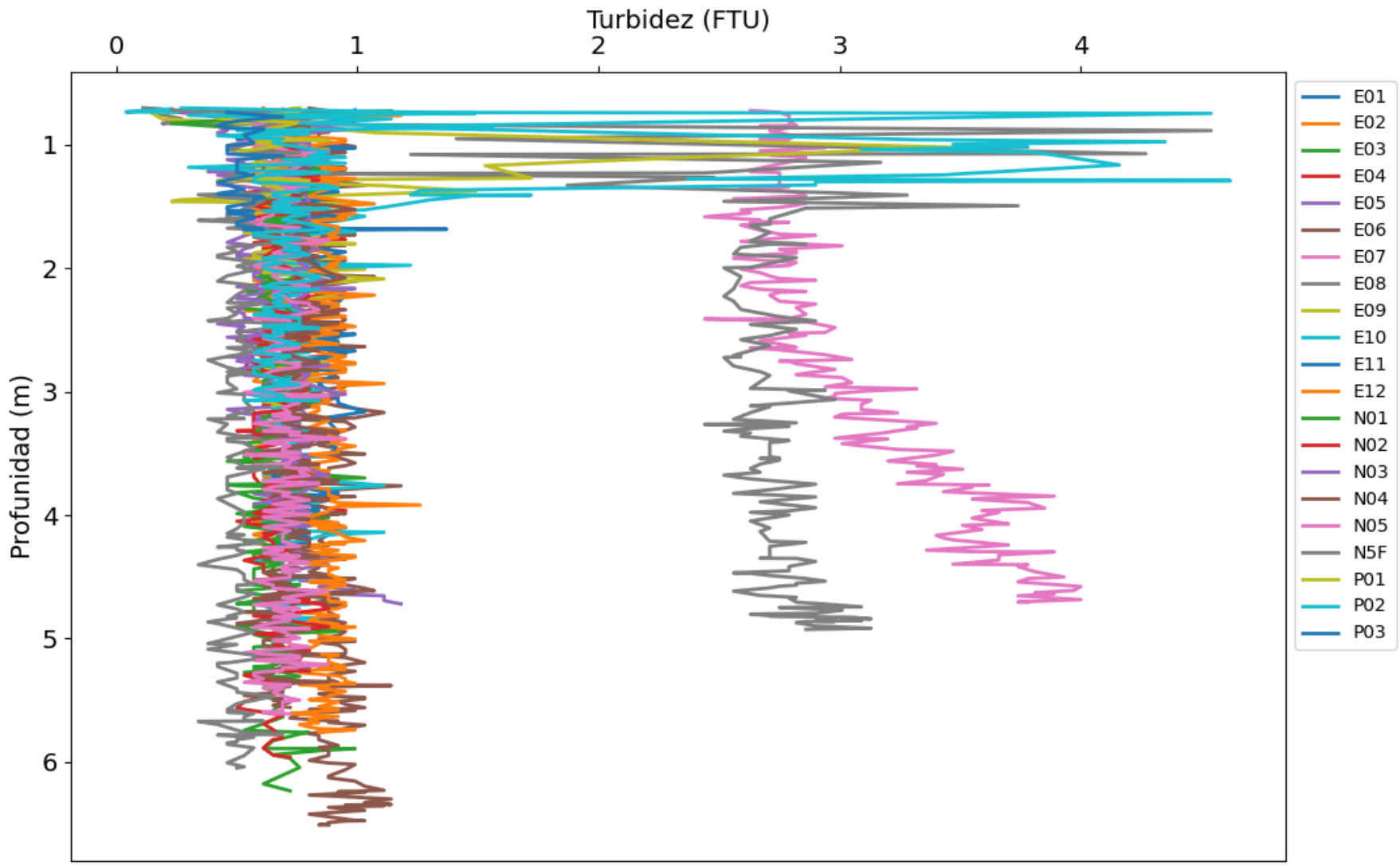
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20250108**

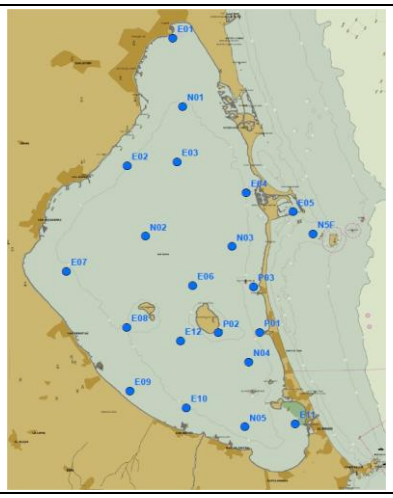


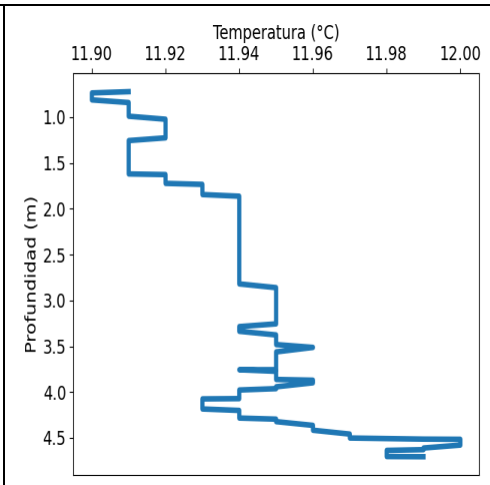

Clorofila a (mg/m3)
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

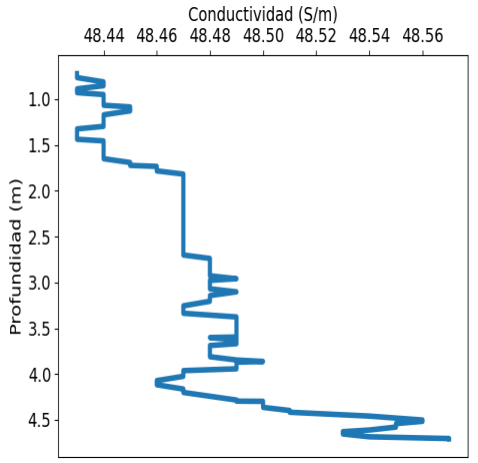

Temperatura (°C)
12.0
12.5
13.0
13.5
14.0
14.5
15.0
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

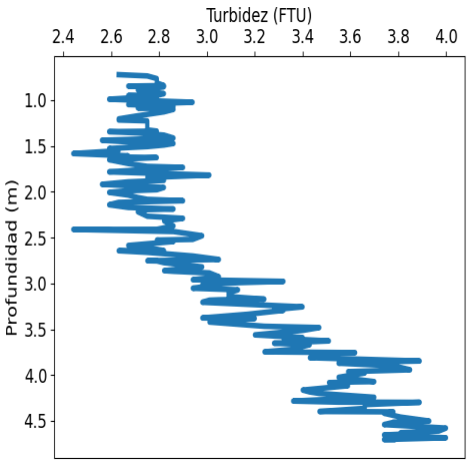

Turbidez (FTU)
0
1
2
3
4
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

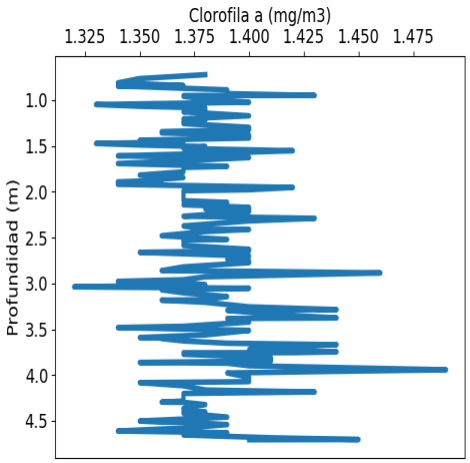
Nombre: CTD E07 - Punto 001 **Fecha: 08/01/2025** **Hora: 07:01:37**

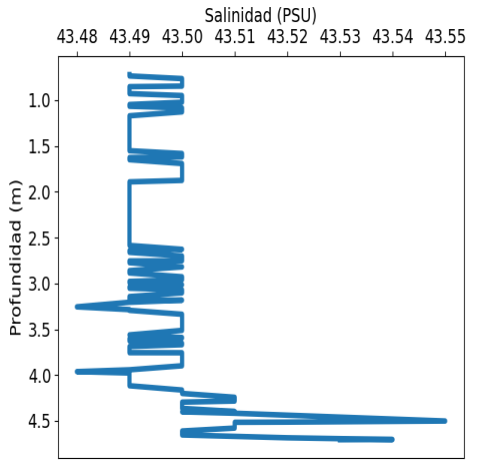


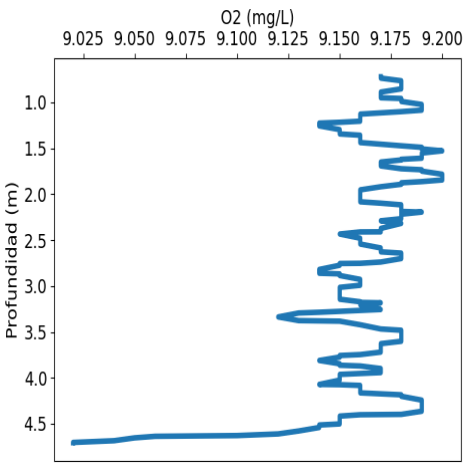


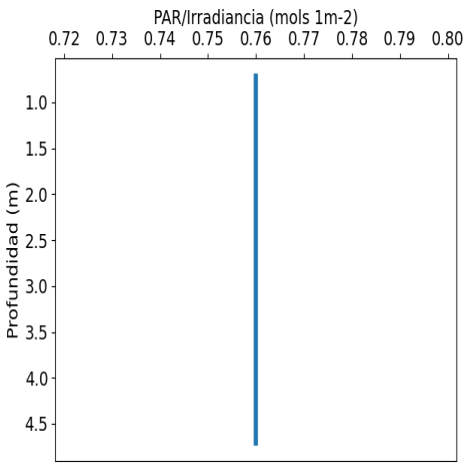












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.9	48.43	2.44	9.02	0.76	1.32	43.48
PROF (metros)	0.736	0.722	1.583	4.704	0.722	3.038	3.256
MÁXIMO	12.0	12.0	4.0	9.2	0.76	1.49	43.55
PROF (metros)	4.516	4.704	4.579	1.528	0.722	3.943	4.502

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.91	48.44	2.74	9.18	0.76	1.37	43.5
1 - 2m	11.92	48.45	2.73	9.17	0.76	1.37	43.49
2 - 3m	11.94	48.47	2.82	9.17	0.76	1.38	43.49
3 - 4m	11.95	48.48	3.33	9.16	0.76	1.39	43.5
4 - 5m	11.96	48.51	3.7	9.14	0.76	1.38	43.51

OBSERVACIONES GENERALES

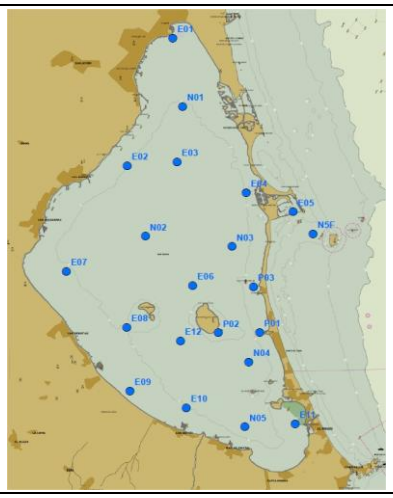
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.722	11.91	48.43	2.63	9.17	0.76	1.38	43.49
0.736	11.9	48.43	2.75	9.17	0.76	1.37	43.49
0.765	11.9	48.43	2.79	9.18	0.76	1.35	43.5
0.812	11.9	48.44	2.79	9.18	0.76	1.34	43.5
0.841	11.91	48.44	2.82	9.18	0.76	1.37	43.5
0.847	11.91	48.44	2.67	9.18	0.76	1.34	43.5
0.853	11.91	48.44	2.82	9.18	0.76	1.35	43.49
0.888	11.91	48.43	2.71	9.17	0.76	1.39	43.49
0.929	11.91	48.43	2.82	9.17	0.76	1.39	43.49
0.949	11.91	48.44	2.79	9.17	0.76	1.43	43.5
0.95	11.91	48.44	2.67	9.17	0.76	1.37	43.5
0.958	11.91	48.44	2.79	9.18	0.76	1.37	43.5
0.99	11.91	48.44	2.59	9.18	0.76	1.38	43.5
1.023	11.92	48.44	2.94	9.19	0.76	1.4	43.5
1.048	11.92	48.44	2.67	9.19	0.76	1.33	43.49
1.067	11.92	48.44	2.86	9.19	0.76	1.35	43.49
1.085	11.92	48.45	2.71	9.19	0.76	1.38	43.5
1.101	11.92	48.45	2.86	9.18	0.76	1.38	43.5
1.128	11.92	48.45	2.82	9.16	0.76	1.37	43.5
1.171	11.92	48.44	2.71	9.16	0.76	1.4	43.49
1.205	11.92	48.44	2.63	9.16	0.76	1.37	43.49
1.217	11.92	48.44	2.63	9.15	0.76	1.38	43.49
1.226	11.92	48.44	2.75	9.14	0.76	1.37	43.49
1.256	11.91	48.44	2.75	9.14	0.76	1.37	43.49
1.297	11.91	48.44	2.75	9.15	0.76	1.4	43.49
1.325	11.91	48.43	2.75	9.15	0.76	1.4	43.49
1.338	11.91	48.43	2.79	9.15	0.76	1.37	43.49
1.344	11.91	48.43	2.59	9.15	0.76	1.36	43.49
1.358	11.91	48.43	2.71	9.16	0.76	1.36	43.49
1.382	11.91	48.43	2.82	9.16	0.76	1.4	43.49
1.414	11.91	48.43	2.86	9.16	0.76	1.4	43.49
1.438	11.91	48.43	2.56	9.16	0.76	1.35	43.49
1.456	11.91	48.44	2.67	9.17	0.76	1.37	43.49
1.473	11.91	48.44	2.86	9.18	0.76	1.33	43.49
1.49	11.91	48.44	2.82	9.19	0.76	1.35	43.49
1.507	11.91	48.44	2.75	9.19	0.76	1.38	43.49
1.528	11.91	48.44	2.59	9.2	0.76	1.37	43.49

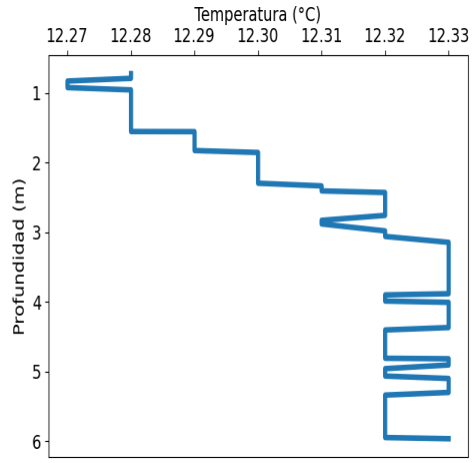
1.552	11.91	48.44	2.63	9.19	0.76	1.42	43.49
1.583	11.91	48.44	2.44	9.19	0.76	1.38	43.5
1.608	11.91	48.44	2.67	9.19	0.76	1.34	43.5
1.62	11.91	48.44	2.63	9.18	0.76	1.37	43.5
1.627	11.92	48.44	2.79	9.18	0.76	1.4	43.49
1.65	11.92	48.44	2.59	9.17	0.76	1.38	43.49
1.692	11.92	48.45	2.67	9.17	0.76	1.34	43.5
1.723	11.92	48.45	2.75	9.18	0.76	1.39	43.5
1.734	11.93	48.46	2.9	9.19	0.76	1.37	43.5
1.749	11.93	48.46	2.79	9.19	0.76	1.37	43.5
1.783	11.93	48.46	2.59	9.2	0.76	1.37	43.5
1.818	11.93	48.47	3.01	9.2	0.76	1.35	43.5
1.845	11.93	48.47	2.75	9.2	0.76	1.37	43.5
1.863	11.94	48.47	2.82	9.19	0.76	1.36	43.5
1.876	11.94	48.47	2.82	9.18	0.76	1.36	43.5
1.892	11.94	48.47	2.67	9.18	0.76	1.34	43.49
1.919	11.94	48.47	2.56	9.17	0.76	1.34	43.49
1.953	11.94	48.47	2.82	9.16	0.76	1.42	43.49
1.978	11.94	48.47	2.79	9.16	0.76	1.4	43.49
1.989	11.94	48.47	2.67	9.16	0.76	1.37	43.49
2.007	11.94	48.47	2.59	9.16	0.76	1.37	43.49
2.036	11.94	48.47	2.67	9.16	0.76	1.37	43.49
2.063	11.94	48.47	2.71	9.16	0.76	1.37	43.49
2.083	11.94	48.47	2.75	9.16	0.76	1.37	43.49
2.098	11.94	48.47	2.9	9.17	0.76	1.37	43.49
2.116	11.94	48.47	2.63	9.18	0.76	1.39	43.49
2.142	11.94	48.47	2.59	9.18	0.76	1.37	43.49
2.171	11.94	48.47	2.67	9.18	0.76	1.4	43.49
2.188	11.94	48.47	2.86	9.18	0.76	1.38	43.49
2.195	11.94	48.47	2.75	9.19	0.76	1.4	43.49
2.218	11.94	48.47	2.71	9.18	0.76	1.4	43.49
2.267	11.94	48.47	2.75	9.18	0.76	1.37	43.49
2.29	11.94	48.47	2.9	9.17	0.76	1.43	43.49
2.318	11.94	48.47	2.82	9.18	0.76	1.4	43.49
2.373	11.94	48.47	2.86	9.17	0.76	1.37	43.49
2.41	11.94	48.47	2.79	9.17	0.76	1.38	43.49
2.411	11.94	48.47	2.44	9.16	0.76	1.4	43.49
2.434	11.94	48.47	2.86	9.15	0.76	1.38	43.49
2.48	11.94	48.47	2.98	9.16	0.76	1.36	43.49
2.52	11.94	48.47	2.94	9.16	0.76	1.39	43.49
2.527	11.94	48.47	2.79	9.16	0.76	1.37	43.49
2.543	11.94	48.47	2.86	9.16	0.76	1.37	43.49
2.586	11.94	48.47	2.67	9.17	0.76	1.37	43.49
2.628	11.94	48.47	2.79	9.17	0.76	1.4	43.5
2.642	11.94	48.47	2.82	9.18	0.76	1.4	43.49
2.644	11.94	48.47	2.63	9.18	0.76	1.4	43.49
2.661	11.94	48.47	2.75	9.18	0.76	1.35	43.49
2.701	11.94	48.47	2.94	9.18	0.76	1.4	43.5
2.739	11.94	48.48	3.05	9.17	0.76	1.39	43.5
2.753	11.94	48.48	2.75	9.16	0.76	1.4	43.5
2.755	11.94	48.48	2.79	9.15	0.76	1.4	43.49
2.774	11.94	48.48	2.82	9.15	0.76	1.4	43.49
2.82	11.94	48.48	2.98	9.14	0.76	1.37	43.5
2.861	11.95	48.48	2.82	9.14	0.76	1.36	43.49
2.868	11.95	48.48	2.86	9.15	0.76	1.4	43.49
2.886	11.95	48.48	3.01	9.15	0.76	1.46	43.49
2.928	11.95	48.48	3.05	9.16	0.76	1.38	43.5
2.96	11.95	48.49	2.94	9.16	0.76	1.37	43.5

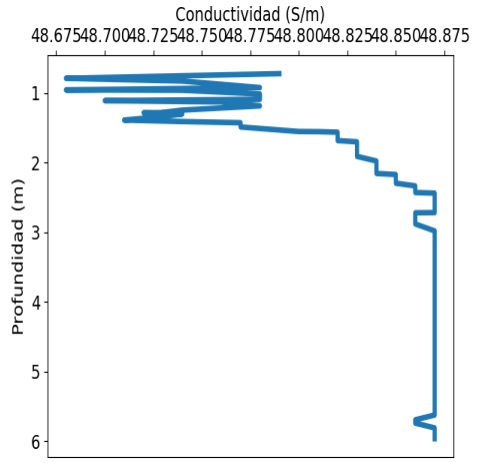
2.978	11.95	48.48	3.32	9.16	0.76	1.34	43.49
2.992	11.95	48.48	3.13	9.16	0.76	1.37	43.49
3.015	11.95	48.48	2.98	9.15	0.76	1.38	43.5
3.038	11.95	48.48	2.98	9.15	0.76	1.32	43.49
3.053	11.95	48.48	2.94	9.15	0.76	1.4	43.49
3.07	11.95	48.48	3.13	9.15	0.76	1.36	43.5
3.103	11.95	48.49	3.09	9.15	0.76	1.37	43.5
3.144	11.95	48.48	3.09	9.15	0.76	1.39	43.49
3.172	11.95	48.48	3.24	9.16	0.76	1.38	43.49
3.179	11.95	48.48	3.05	9.16	0.76	1.38	43.49
3.183	11.95	48.48	3.01	9.17	0.76	1.36	43.5
3.206	11.95	48.48	2.98	9.16	0.76	1.38	43.49
3.256	11.95	48.47	3.4	9.17	0.76	1.4	43.48
3.286	11.94	48.47	3.28	9.14	0.76	1.44	43.49
3.294	11.94	48.47	3.32	9.13	0.76	1.39	43.49
3.337	11.94	48.47	3.17	9.12	0.76	1.41	43.5
3.377	11.95	48.49	2.98	9.13	0.76	1.44	43.5
3.383	11.95	48.49	3.2	9.15	0.76	1.39	43.5
3.422	11.95	48.49	3.01	9.16	0.76	1.4	43.5
3.468	11.95	48.49	3.24	9.17	0.76	1.37	43.5
3.482	11.95	48.49	3.47	9.18	0.76	1.34	43.5
3.513	11.96	48.49	3.4	9.18	0.76	1.4	43.5
3.562	11.95	48.49	3.2	9.18	0.76	1.38	43.49
3.591	11.95	48.49	3.4	9.18	0.76	1.35	43.5
3.596	11.95	48.49	3.4	9.18	0.76	1.36	43.5
3.602	11.95	48.48	3.32	9.18	0.76	1.36	43.49
3.628	11.95	48.49	3.51	9.17	0.76	1.37	43.49
3.653	11.95	48.49	3.28	9.17	0.76	1.39	43.5
3.669	11.95	48.49	3.43	9.17	0.76	1.44	43.5
3.689	11.95	48.48	3.4	9.17	0.76	1.42	43.49
3.72	11.95	48.48	3.36	9.17	0.76	1.4	43.49
3.747	11.95	48.48	3.24	9.16	0.76	1.44	43.49
3.756	11.95	48.48	3.62	9.15	0.76	1.42	43.49
3.757	11.94	48.48	3.51	9.15	0.76	1.37	43.5
3.774	11.95	48.48	3.55	9.15	0.76	1.37	43.5
3.811	11.95	48.48	3.43	9.14	0.76	1.41	43.5
3.847	11.95	48.49	3.89	9.15	0.76	1.41	43.5
3.863	11.95	48.5	3.59	9.15	0.76	1.35	43.5
3.871	11.96	48.49	3.55	9.16	0.76	1.39	43.5
3.899	11.96	48.49	3.78	9.17	0.76	1.4	43.5
3.943	11.95	48.49	3.85	9.17	0.76	1.49	43.49
3.963	11.95	48.47	3.59	9.15	0.76	1.43	43.48
3.978	11.94	48.47	3.66	9.15	0.76	1.39	43.49
4.025	11.94	48.47	3.55	9.15	0.76	1.4	43.49
4.072	11.94	48.46	3.7	9.14	0.76	1.4	43.49
4.075	11.93	48.46	3.62	9.15	0.76	1.39	43.49
4.083	11.93	48.46	3.51	9.16	0.76	1.35	43.49
4.117	11.93	48.46	3.59	9.16	0.76	1.37	43.49
4.164	11.93	48.47	3.4	9.16	0.76	1.38	43.5
4.185	11.93	48.47	3.43	9.18	0.76	1.43	43.5
4.201	11.94	48.47	3.47	9.18	0.76	1.37	43.5
4.243	11.94	48.48	3.7	9.19	0.76	1.37	43.51
4.284	11.94	48.49	3.36	9.19	0.76	1.37	43.51
4.296	11.95	48.49	3.55	9.19	0.76	1.36	43.5
4.298	11.95	48.5	3.89	9.19	0.76	1.37	43.5
4.323	11.95	48.5	3.66	9.19	0.76	1.38	43.5
4.364	11.96	48.5	3.66	9.19	0.76	1.37	43.5
4.398	11.96	48.51	3.47	9.18	0.76	1.37	43.51

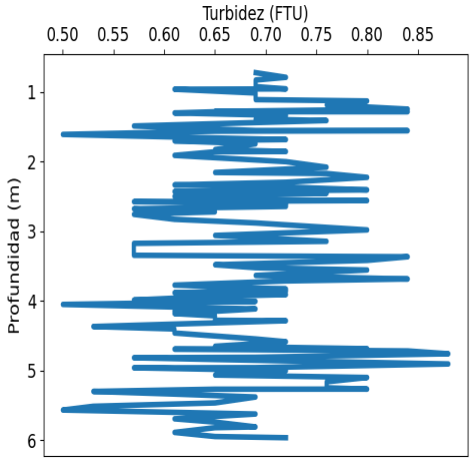
4.402	11.96	48.51	3.78	9.16	0.76	1.38	43.5
4.417	11.96	48.51	3.74	9.15	0.76	1.37	43.51
4.459	11.97	48.54	3.81	9.15	0.76	1.39	43.53
4.502	11.97	48.56	3.93	9.15	0.76	1.35	43.55
4.514	11.99	48.56	3.78	9.14	0.76	1.36	43.52
4.516	12.0	48.56	3.78	9.14	0.76	1.37	43.51
4.541	12.0	48.55	3.74	9.14	0.76	1.39	43.51
4.579	12.0	48.55	4.0	9.13	0.76	1.37	43.51
4.611	11.99	48.54	3.97	9.12	0.76	1.34	43.5
4.629	11.99	48.53	3.81	9.1	0.76	1.39	43.5
4.637	11.98	48.53	3.89	9.06	0.76	1.38	43.5
4.654	11.98	48.53	3.74	9.05	0.76	1.37	43.5
4.685	11.98	48.54	4.0	9.04	0.76	1.41	43.52
4.704	11.98	48.57	3.74	9.02	0.76	1.45	43.54
4.706	11.99	48.57	3.78	9.02	0.76	1.4	43.53

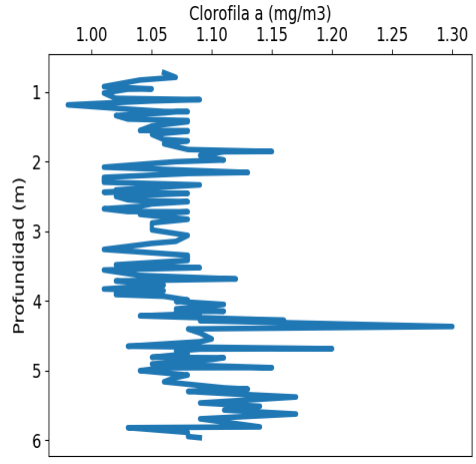
Nombre: CTD N02 - Punto 002 **Fecha: 08/01/2025** **Hora: 07:01:03**

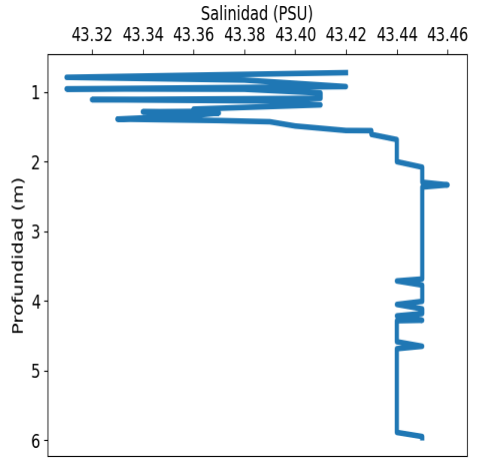


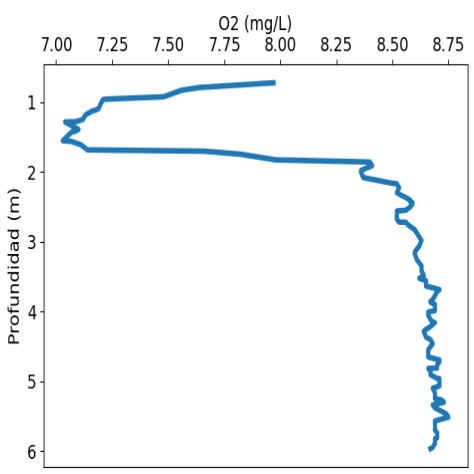


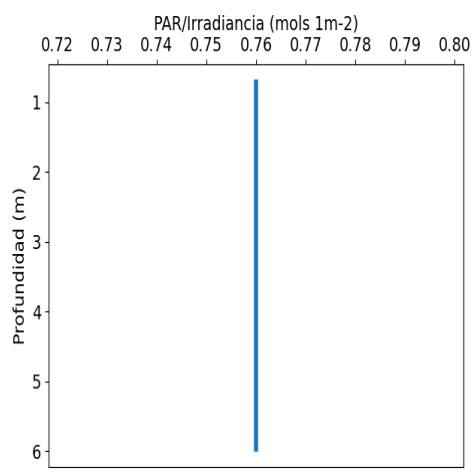


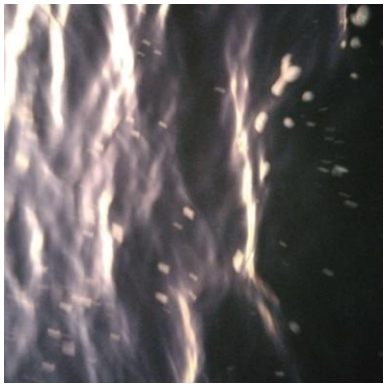












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.27	48.68	0.5	7.03	0.76	0.98	43.31
PROF (metros)	0.831	0.792	1.611	1.555	0.725	1.187	0.792
MÁXIMO	12.33	12.33	0.88	8.75	0.76	1.3	43.46
PROF (metros)	3.145	2.439	4.758	5.511	0.725	4.367	2.335

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.28	48.74	0.69	7.52	0.76	1.04	43.37
1 - 2m	12.29	48.78	0.69	7.37	0.76	1.06	43.4
2 - 3m	12.31	48.86	0.69	8.54	0.76	1.05	43.45
3 - 4m	12.33	48.87	0.68	8.66	0.76	1.05	43.45
4 - 5m	12.33	48.87	0.67	8.68	0.76	1.1	43.44
5 - 6m	12.32	48.87	0.66	8.7	0.76	1.1	43.44

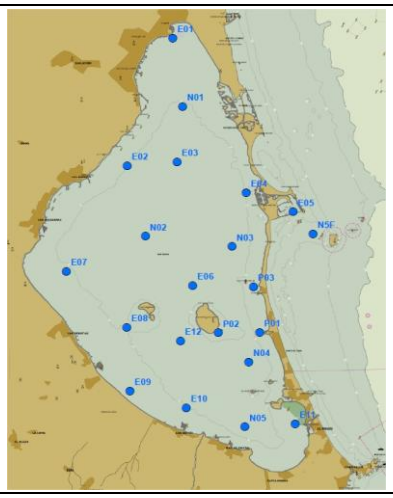
OBSERVACIONES GENERALES

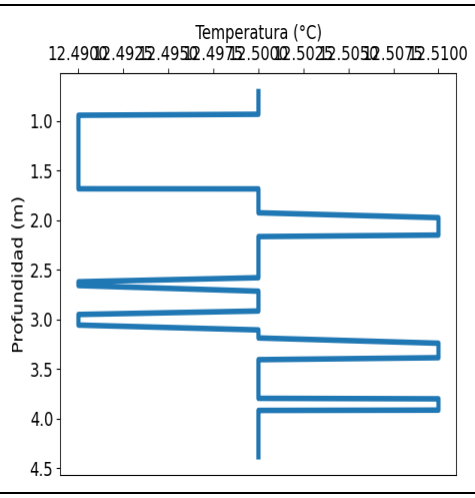
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.725	12.28	48.79	0.69	7.97	0.76	1.06	43.42
0.792	12.28	48.68	0.72	7.64	0.76	1.07	43.31
0.831	12.27	48.74	0.69	7.56	0.76	1.04	43.38
0.925	12.27	48.78	0.69	7.48	0.76	1.01	43.42
0.958	12.28	48.68	0.72	7.23	0.76	1.05	43.31
0.963	12.28	48.74	0.61	7.21	0.76	1.03	43.38
1.017	12.28	48.78	0.69	7.2	0.76	1.01	43.41
1.093	12.28	48.78	0.69	7.19	0.76	1.02	43.41
1.112	12.28	48.7	0.69	7.18	0.76	1.09	43.32
1.131	12.28	48.76	0.8	7.16	0.76	1.05	43.39
1.187	12.28	48.78	0.76	7.13	0.76	0.98	43.41
1.248	12.28	48.74	0.84	7.12	0.76	1.03	43.36
1.281	12.28	48.73	0.65	7.09	0.76	1.06	43.36
1.284	12.28	48.73	0.84	7.05	0.76	1.08	43.35
1.286	12.28	48.72	0.65	7.04	0.76	1.07	43.34
1.303	12.28	48.74	0.61	7.05	0.76	1.06	43.37
1.34	12.28	48.73	0.72	7.07	0.76	1.02	43.36
1.391	12.28	48.71	0.69	7.1	0.76	1.03	43.33
1.412	12.28	48.74	0.76	7.09	0.76	1.08	43.37
1.429	12.28	48.77	0.72	7.07	0.76	1.08	43.39
1.49	12.28	48.77	0.57	7.05	0.76	1.05	43.4
1.555	12.28	48.8	0.69	7.03	0.76	1.04	43.42
1.557	12.29	48.81	0.84	7.05	0.76	1.08	43.43
1.565	12.29	48.82	0.65	7.07	0.76	1.08	43.43
1.611	12.29	48.82	0.5	7.11	0.76	1.05	43.43
1.685	12.29	48.82	0.72	7.14	0.76	1.06	43.44
1.703	12.29	48.83	0.61	7.66	0.76	1.08	43.44
1.746	12.29	48.83	0.69	7.82	0.76	1.06	43.44
1.828	12.29	48.83	0.65	7.98	0.76	1.08	43.44
1.856	12.3	48.83	0.72	8.37	0.76	1.15	43.44
1.86	12.3	48.83	0.65	8.4	0.76	1.11	43.44
1.912	12.3	48.83	0.61	8.41	0.76	1.09	43.44
1.978	12.3	48.84	0.69	8.36	0.76	1.11	43.44
2.002	12.3	48.84	0.72	8.36	0.76	1.07	43.44
2.081	12.3	48.84	0.76	8.37	0.76	1.01	43.45
2.157	12.3	48.84	0.65	8.49	0.76	1.13	43.45

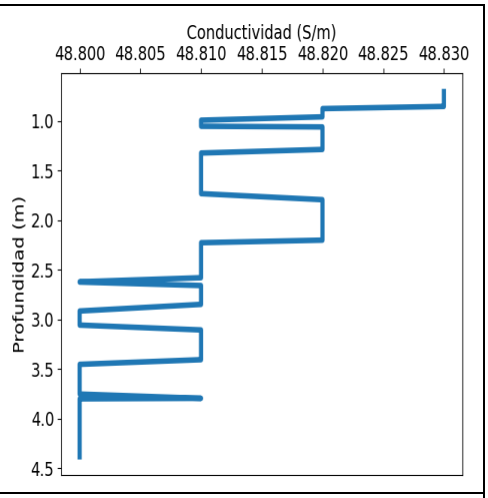
2.172	12.3	48.85	0.76	8.52	0.76	1.08	43.45
2.227	12.3	48.85	0.8	8.53	0.76	1.01	43.45
2.297	12.3	48.85	0.72	8.52	0.76	1.01	43.45
2.335	12.31	48.86	0.61	8.54	0.76	1.09	43.46
2.366	12.31	48.86	0.72	8.56	0.76	1.06	43.45
2.407	12.31	48.86	0.8	8.58	0.76	1.02	43.45
2.43	12.32	48.86	0.61	8.58	0.76	1.02	43.45
2.439	12.32	48.87	0.72	8.59	0.76	1.01	43.45
2.457	12.32	48.87	0.76	8.59	0.76	1.08	43.45
2.5	12.32	48.87	0.61	8.58	0.76	1.02	43.45
2.549	12.32	48.87	0.69	8.56	0.76	1.03	43.45
2.56	12.32	48.87	0.8	8.52	0.76	1.04	43.45
2.576	12.32	48.87	0.57	8.52	0.76	1.08	43.45
2.608	12.32	48.87	0.72	8.52	0.76	1.05	43.45
2.644	12.32	48.87	0.72	8.52	0.76	1.04	43.45
2.678	12.32	48.87	0.57	8.52	0.76	1.01	43.45
2.718	12.32	48.87	0.61	8.53	0.76	1.03	43.45
2.721	12.32	48.86	0.65	8.56	0.76	1.08	43.45
2.758	12.32	48.86	0.57	8.57	0.76	1.04	43.45
2.829	12.31	48.86	0.61	8.6	0.76	1.08	43.45
2.881	12.31	48.86	0.69	8.61	0.76	1.05	43.45
2.981	12.32	48.87	0.8	8.63	0.76	1.05	43.45
3.06	12.32	48.87	0.65	8.62	0.76	1.08	43.45
3.145	12.33	48.87	0.76	8.6	0.76	1.07	43.45
3.174	12.33	48.87	0.57	8.6	0.76	1.05	43.45
3.261	12.33	48.87	0.57	8.61	0.76	1.01	43.45
3.345	12.33	48.87	0.57	8.63	0.76	1.08	43.45
3.366	12.33	48.87	0.84	8.63	0.76	1.08	43.45
3.418	12.33	48.87	0.8	8.63	0.76	1.08	43.45
3.481	12.33	48.87	0.65	8.64	0.76	1.02	43.45
3.523	12.33	48.87	0.69	8.62	0.76	1.09	43.45
3.556	12.33	48.87	0.8	8.65	0.76	1.01	43.45
3.634	12.33	48.87	0.69	8.65	0.76	1.04	43.45
3.685	12.33	48.87	0.84	8.71	0.76	1.12	43.45
3.713	12.33	48.87	0.72	8.7	0.76	1.02	43.44
3.773	12.33	48.87	0.61	8.69	0.76	1.06	43.45
3.829	12.33	48.87	0.72	8.68	0.76	1.01	43.45
3.854	12.33	48.87	0.65	8.67	0.76	1.06	43.45
3.86	12.33	48.87	0.72	8.67	0.76	1.04	43.45
3.867	12.33	48.87	0.65	8.67	0.76	1.03	43.45
3.882	12.33	48.87	0.61	8.68	0.76	1.03	43.45
3.899	12.32	48.87	0.69	8.69	0.76	1.02	43.45
3.909	12.32	48.87	0.72	8.69	0.76	1.02	43.45
3.933	12.32	48.87	0.65	8.69	0.76	1.06	43.45
3.987	12.32	48.87	0.57	8.69	0.76	1.08	43.45
4.006	12.33	48.87	0.69	8.66	0.76	1.07	43.45
4.05	12.33	48.87	0.5	8.66	0.76	1.11	43.44
4.114	12.33	48.87	0.69	8.67	0.76	1.07	43.45
4.148	12.33	48.87	0.65	8.68	0.76	1.11	43.45
4.15	12.33	48.87	0.61	8.68	0.76	1.07	43.45
4.157	12.33	48.87	0.65	8.69	0.76	1.08	43.45
4.181	12.33	48.87	0.61	8.68	0.76	1.09	43.45
4.214	12.33	48.87	0.65	8.67	0.76	1.04	43.44
4.277	12.33	48.87	0.65	8.64	0.76	1.16	43.45
4.284	12.33	48.87	0.72	8.64	0.76	1.09	43.44
4.367	12.33	48.87	0.53	8.65	0.76	1.3	43.44
4.402	12.32	48.87	0.61	8.67	0.76	1.08	43.44
4.46	12.32	48.87	0.61	8.68	0.76	1.09	43.44

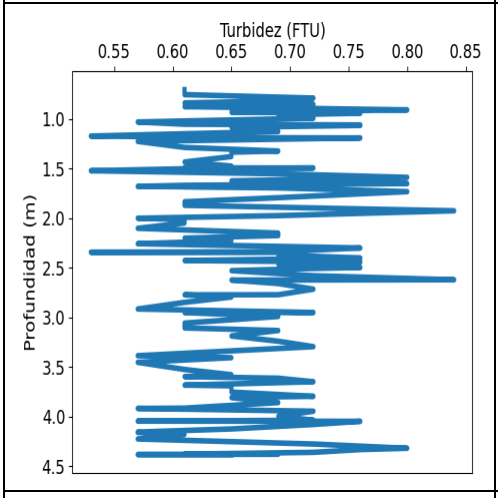
4.545	12.32	48.87	0.69	8.66	0.76	1.1	43.44
4.585	12.32	48.87	0.72	8.66	0.76	1.09	43.44
4.65	12.32	48.87	0.65	8.66	0.76	1.03	43.45
4.685	12.32	48.87	0.8	8.7	0.76	1.2	43.44
4.691	12.32	48.87	0.61	8.71	0.76	1.09	43.44
4.717	12.32	48.87	0.84	8.71	0.76	1.07	43.44
4.758	12.32	48.87	0.88	8.7	0.76	1.08	43.44
4.808	12.32	48.87	0.69	8.7	0.76	1.05	43.44
4.815	12.33	48.87	0.57	8.66	0.76	1.11	43.44
4.84	12.33	48.87	0.65	8.67	0.76	1.1	43.44
4.904	12.33	48.87	0.88	8.67	0.76	1.05	43.44
4.957	12.32	48.87	0.69	8.7	0.76	1.15	43.44
4.959	12.32	48.87	0.57	8.71	0.76	1.06	43.44
5.0	12.32	48.87	0.72	8.71	0.76	1.04	43.44
5.063	12.32	48.87	0.65	8.71	0.76	1.08	43.44
5.098	12.33	48.87	0.8	8.68	0.76	1.07	43.44
5.16	12.33	48.87	0.76	8.69	0.76	1.06	43.44
5.246	12.33	48.87	0.76	8.69	0.76	1.11	43.44
5.265	12.33	48.87	0.8	8.72	0.76	1.13	43.44
5.266	12.33	48.87	0.65	8.72	0.76	1.11	43.44
5.298	12.33	48.87	0.53	8.73	0.76	1.08	43.44
5.336	12.32	48.87	0.61	8.68	0.76	1.12	43.44
5.378	12.32	48.87	0.69	8.69	0.76	1.17	43.44
5.463	12.32	48.87	0.65	8.74	0.76	1.09	43.44
5.511	12.32	48.87	0.53	8.75	0.76	1.14	43.44
5.565	12.32	48.87	0.5	8.69	0.76	1.11	43.44
5.622	12.32	48.87	0.69	8.69	0.76	1.17	43.44
5.691	12.32	48.86	0.61	8.69	0.76	1.09	43.44
5.738	12.32	48.86	0.65	8.7	0.76	1.11	43.44
5.807	12.32	48.87	0.69	8.7	0.76	1.14	43.44
5.818	12.32	48.87	0.65	8.69	0.76	1.03	43.44
5.886	12.32	48.87	0.61	8.69	0.76	1.08	43.44
5.945	12.32	48.87	0.65	8.68	0.76	1.08	43.45
5.962	12.33	48.87	0.72	8.67	0.76	1.09	43.45

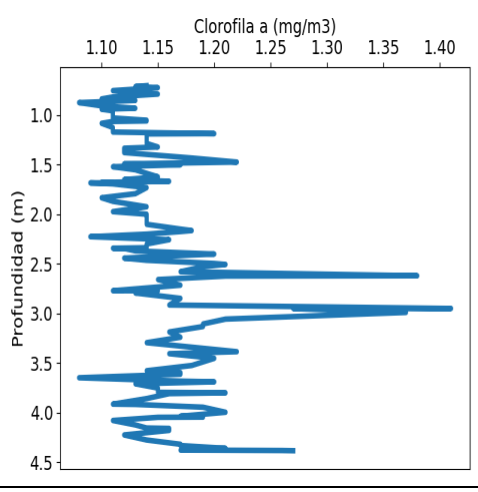
Nombre: CTD E02 - Punto 003 **Fecha: 08/01/2025** **Hora: 08:01:51**

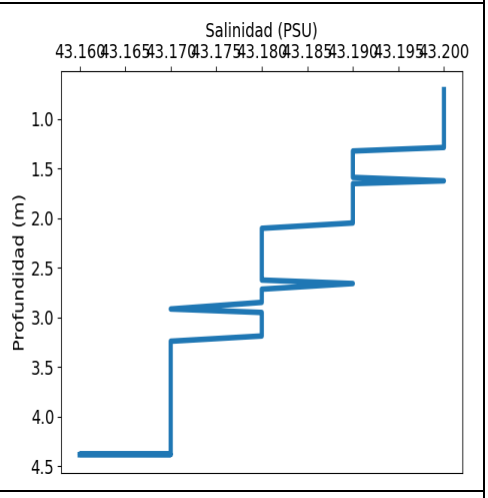


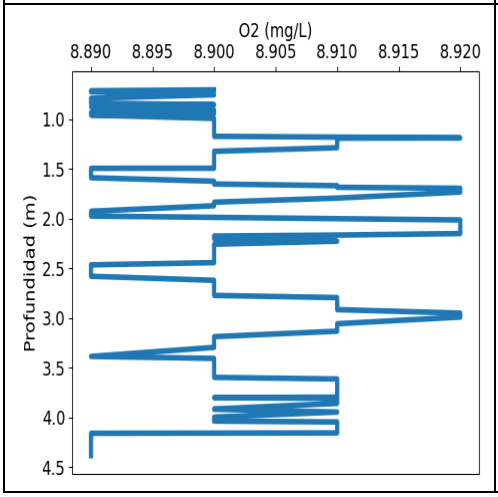


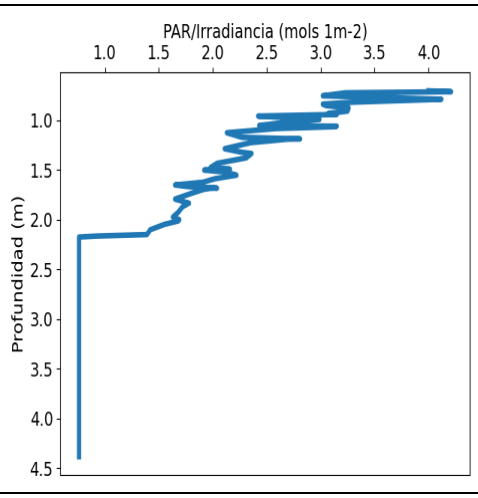


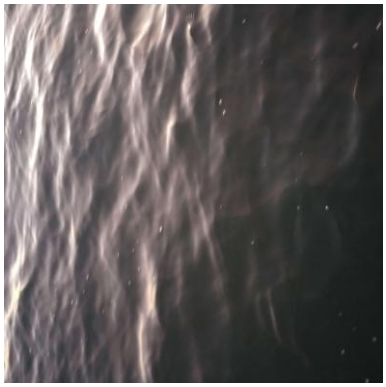












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.49	48.8	0.53	8.89	0.76	1.08	43.16
PROF (metros)	0.94	2.62	1.17	0.711	2.174	0.873	4.38
MÁXIMO	12.51	12.51	0.84	8.92	4.21	1.41	43.2
PROF (metros)	1.973	0.702	1.924	1.186	0.711	2.95	0.702

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.5	48.82	0.67	8.89	3.29	1.12	43.2
1 - 2m	12.49	48.81	0.66	8.9	2.14	1.13	43.19
2 - 3m	12.5	48.81	0.67	8.9	0.86	1.18	43.18
3 - 4m	12.5	48.8	0.65	8.9	0.76	1.17	43.17
4 - 5m	12.5	48.8	0.66	8.9	0.76	1.17	43.17

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	12.5	48.83	0.61	8.9	4.0	1.14	43.2
0.711	12.5	48.83	0.61	8.89	4.21	1.13	43.2
0.722	12.5	48.83	0.61	8.89	3.23	1.15	43.2
0.752	12.5	48.83	0.61	8.9	3.02	1.11	43.2
0.787	12.5	48.83	0.72	8.89	4.12	1.15	43.2
0.816	12.5	48.83	0.69	8.89	3.3	1.11	43.2
0.836	12.5	48.83	0.61	8.89	3.02	1.1	43.2
0.851	12.5	48.83	0.72	8.9	3.05	1.13	43.2
0.873	12.5	48.82	0.61	8.89	3.26	1.08	43.2
0.906	12.5	48.82	0.8	8.9	3.25	1.1	43.2
0.93	12.5	48.82	0.65	8.89	3.07	1.13	43.2
0.94	12.49	48.82	0.76	8.9	3.15	1.1	43.2
0.956	12.49	48.82	0.69	8.89	2.42	1.11	43.2
0.99	12.49	48.81	0.72	8.9	2.99	1.11	43.2
1.028	12.49	48.81	0.57	8.9	2.61	1.11	43.2
1.051	12.49	48.81	0.61	8.9	2.43	1.14	43.2
1.058	12.49	48.82	0.76	8.9	3.15	1.14	43.2
1.063	12.49	48.82	0.76	8.9	3.13	1.11	43.2
1.082	12.49	48.82	0.65	8.9	2.58	1.1	43.2
1.124	12.49	48.82	0.69	8.9	2.13	1.11	43.2
1.17	12.49	48.82	0.53	8.9	2.27	1.11	43.2
1.186	12.49	48.82	0.65	8.92	2.81	1.2	43.2
1.189	12.49	48.82	0.76	8.91	2.69	1.14	43.2
1.224	12.49	48.82	0.57	8.91	2.35	1.14	43.2
1.285	12.49	48.82	0.61	8.91	2.11	1.14	43.2
1.321	12.49	48.81	0.69	8.9	2.27	1.15	43.19
1.333	12.49	48.81	0.65	8.9	2.36	1.12	43.19
1.377	12.49	48.81	0.65	8.9	2.31	1.12	43.19
1.432	12.49	48.81	0.61	8.9	2.04	1.18	43.19
1.473	12.49	48.81	0.65	8.9	1.98	1.22	43.19
1.491	12.49	48.81	0.61	8.9	2.16	1.12	43.19
1.492	12.49	48.81	0.72	8.89	1.99	1.13	43.19
1.5	12.49	48.81	0.61	8.89	1.92	1.17	43.19
1.52	12.49	48.81	0.53	8.89	2.12	1.11	43.19
1.551	12.49	48.81	0.69	8.89	2.22	1.13	43.19
1.587	12.49	48.81	0.8	8.89	2.02	1.14	43.19
1.622	12.49	48.81	0.65	8.9	1.91	1.15	43.2

1.65	12.49	48.81	0.8	8.9	1.65	1.12	43.19
1.667	12.49	48.81	0.61	8.91	1.78	1.16	43.19
1.678	12.49	48.81	0.57	8.91	2.0	1.1	43.19
1.682	12.49	48.81	0.61	8.91	2.04	1.11	43.19
1.683	12.5	48.81	0.61	8.91	1.98	1.09	43.19
1.693	12.5	48.81	0.69	8.92	1.92	1.11	43.19
1.731	12.5	48.81	0.8	8.92	1.81	1.14	43.19
1.792	12.5	48.82	0.69	8.91	1.65	1.13	43.19
1.833	12.5	48.82	0.61	8.9	1.78	1.1	43.19
1.869	12.5	48.82	0.61	8.9	1.72	1.11	43.19
1.924	12.5	48.82	0.84	8.89	1.68	1.14	43.19
1.973	12.51	48.82	0.69	8.89	1.63	1.11	43.19
1.999	12.51	48.82	0.57	8.91	1.69	1.14	43.19
2.012	12.51	48.82	0.61	8.92	1.68	1.14	43.19
2.047	12.51	48.82	0.61	8.92	1.55	1.14	43.19
2.101	12.51	48.82	0.57	8.92	1.42	1.14	43.18
2.149	12.51	48.82	0.69	8.92	1.39	1.17	43.18
2.164	12.5	48.82	0.69	8.91	0.93	1.18	43.18
2.174	12.5	48.82	0.69	8.9	0.76	1.17	43.18
2.2	12.5	48.82	0.61	8.9	0.76	1.14	43.18
2.226	12.5	48.81	0.65	8.91	0.76	1.09	43.18
2.256	12.5	48.81	0.57	8.9	0.76	1.16	43.18
2.299	12.5	48.81	0.76	8.9	0.76	1.14	43.18
2.337	12.5	48.81	0.69	8.9	0.76	1.14	43.18
2.342	12.5	48.81	0.53	8.9	0.76	1.11	43.18
2.344	12.5	48.81	0.69	8.9	0.76	1.12	43.18
2.369	12.5	48.81	0.69	8.9	0.76	1.13	43.18
2.401	12.5	48.81	0.76	8.9	0.76	1.2	43.18
2.426	12.5	48.81	0.61	8.9	0.76	1.15	43.18
2.442	12.5	48.81	0.76	8.9	0.76	1.12	43.18
2.464	12.5	48.81	0.69	8.89	0.76	1.14	43.18
2.496	12.5	48.81	0.76	8.89	0.76	1.2	43.18
2.506	12.5	48.81	0.72	8.89	0.76	1.21	43.18
2.528	12.5	48.81	0.65	8.89	0.76	1.19	43.18
2.579	12.5	48.81	0.72	8.89	0.76	1.17	43.18
2.62	12.49	48.8	0.84	8.9	0.76	1.38	43.18
2.623	12.49	48.8	0.65	8.9	0.76	1.21	43.18
2.658	12.49	48.81	0.69	8.9	0.76	1.15	43.19
2.715	12.5	48.81	0.72	8.9	0.76	1.17	43.18
2.771	12.5	48.81	0.69	8.9	0.76	1.11	43.18
2.772	12.5	48.81	0.61	8.9	0.76	1.15	43.18
2.794	12.5	48.81	0.65	8.91	0.76	1.13	43.18
2.848	12.5	48.81	0.61	8.91	0.76	1.17	43.18
2.915	12.5	48.8	0.57	8.91	0.76	1.16	43.17
2.95	12.49	48.8	0.72	8.92	0.76	1.41	43.18
2.951	12.49	48.8	0.61	8.92	0.76	1.27	43.18
2.99	12.49	48.8	0.69	8.92	0.76	1.37	43.18
3.057	12.49	48.8	0.61	8.91	0.76	1.21	43.18
3.106	12.5	48.81	0.61	8.91	0.76	1.19	43.18
3.132	12.5	48.81	0.69	8.91	0.76	1.19	43.18
3.187	12.5	48.81	0.65	8.9	0.76	1.16	43.18
3.24	12.51	48.81	0.69	8.9	0.76	1.17	43.17
3.295	12.51	48.81	0.72	8.9	0.76	1.14	43.17
3.386	12.51	48.81	0.57	8.89	0.76	1.22	43.17
3.406	12.5	48.81	0.65	8.9	0.76	1.16	43.17
3.453	12.5	48.8	0.57	8.9	0.76	1.2	43.17
3.525	12.5	48.8	0.61	8.9	0.76	1.18	43.17
3.578	12.5	48.8	0.65	8.9	0.76	1.14	43.17

3.597	12.5	48.8	0.61	8.9	0.76	1.17	43.17
3.613	12.5	48.8	0.69	8.91	0.76	1.17	43.17
3.649	12.5	48.8	0.72	8.91	0.76	1.08	43.17
3.683	12.5	48.8	0.61	8.91	0.76	1.17	43.17
3.69	12.5	48.8	0.65	8.91	0.76	1.2	43.17
3.71	12.5	48.8	0.65	8.91	0.76	1.13	43.17
3.753	12.5	48.8	0.65	8.91	0.76	1.15	43.17
3.796	12.5	48.81	0.72	8.91	0.76	1.15	43.17
3.801	12.51	48.8	0.69	8.9	0.76	1.21	43.17
3.809	12.51	48.8	0.65	8.91	0.76	1.16	43.17
3.859	12.51	48.8	0.69	8.91	0.76	1.14	43.17
3.915	12.51	48.8	0.61	8.9	0.76	1.11	43.17
3.918	12.5	48.8	0.57	8.9	0.76	1.13	43.17
3.946	12.5	48.8	0.72	8.91	0.76	1.19	43.17
3.997	12.5	48.8	0.69	8.9	0.76	1.21	43.17
4.037	12.5	48.8	0.72	8.9	0.76	1.17	43.17
4.046	12.5	48.8	0.57	8.91	0.76	1.19	43.17
4.048	12.5	48.8	0.76	8.91	0.76	1.15	43.17
4.08	12.5	48.8	0.72	8.91	0.76	1.11	43.17
4.125	12.5	48.8	0.65	8.91	0.76	1.13	43.17
4.156	12.5	48.8	0.57	8.91	0.76	1.14	43.17
4.16	12.5	48.8	0.57	8.89	0.76	1.16	43.17
4.18	12.5	48.8	0.61	8.89	0.76	1.16	43.17
4.226	12.5	48.8	0.57	8.89	0.76	1.12	43.17
4.277	12.5	48.8	0.72	8.89	0.76	1.14	43.17
4.32	12.5	48.8	0.8	8.89	0.76	1.17	43.17
4.333	12.5	48.8	0.76	8.89	0.76	1.17	43.17
4.361	12.5	48.8	0.72	8.89	0.76	1.21	43.17
4.379	12.5	48.8	0.61	8.89	0.76	1.17	43.17
4.38	12.5	48.8	0.69	8.89	0.76	1.2	43.16
4.383	12.5	48.8	0.57	8.89	0.76	1.26	43.17
4.385	12.5	48.8	0.65	8.89	0.76	1.27	43.16

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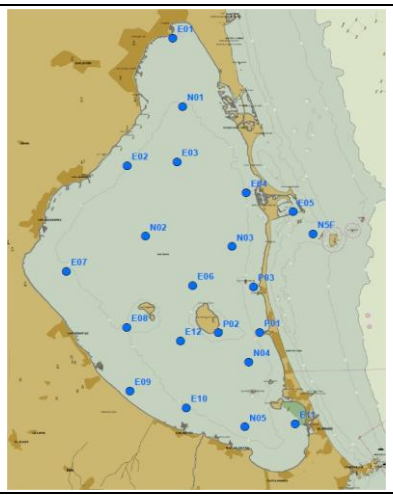
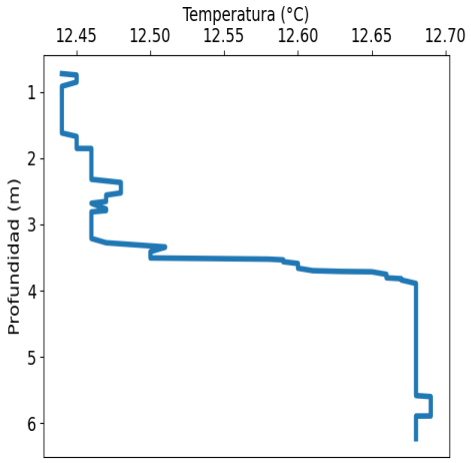
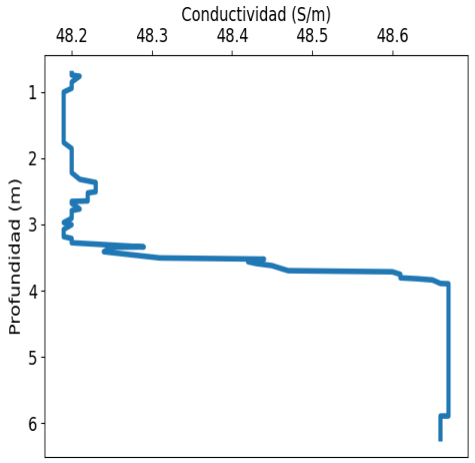
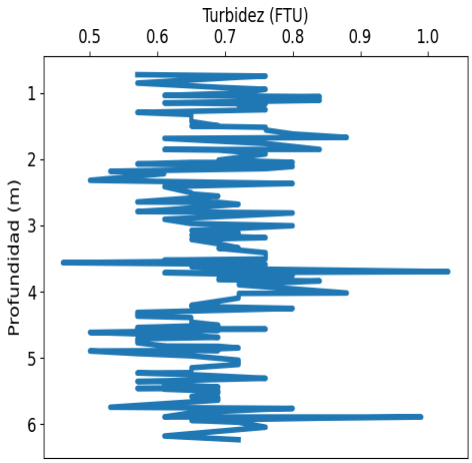
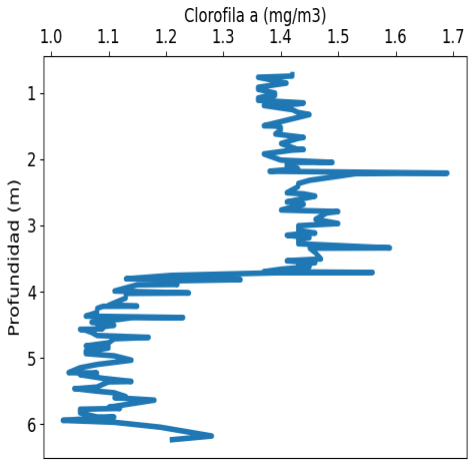
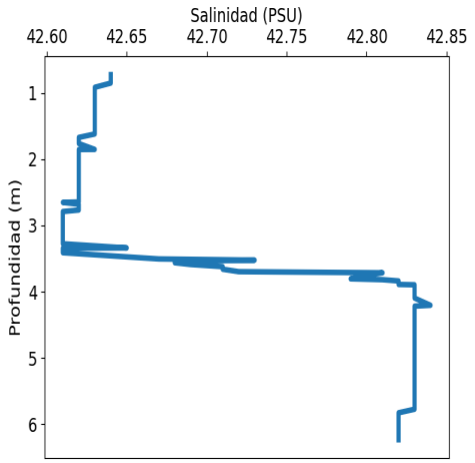


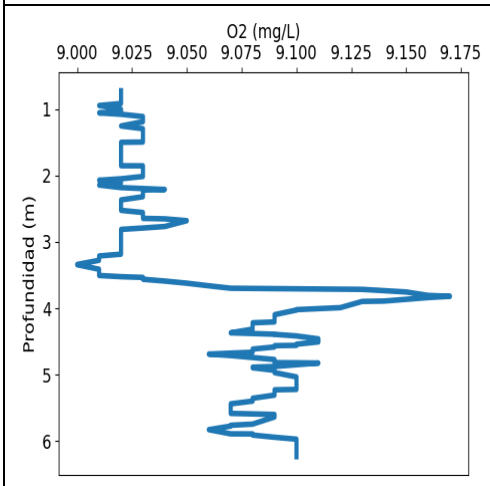


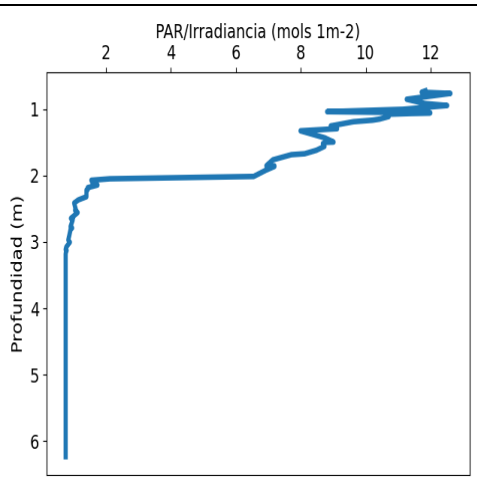












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.44	48.19	0.46	9.0	0.76	1.02	42.61
PROF (metros)	0.727	1.005	3.564	3.341	3.117	5.942	2.654
MÁXIMO	12.69	12.69	1.03	9.17	12.61	1.69	42.84
PROF (metros)	5.599	3.897	3.699	3.82	0.766	2.212	4.206

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.45	48.2	0.68	9.02	11.96	1.39	42.64
1 - 2m	12.45	48.19	0.72	9.02	8.88	1.4	42.63
2 - 3m	12.47	48.21	0.66	9.03	1.48	1.45	42.62
3 - 4m	12.57	48.41	0.72	9.06	0.77	1.38	42.7
4 - 5m	12.68	48.67	0.65	9.09	0.76	1.1	42.83
5 - 6m	12.68	48.67	0.68	9.08	0.76	1.09	42.83
6 - 7m	12.68	48.66	0.7	9.1	0.76	1.23	42.82

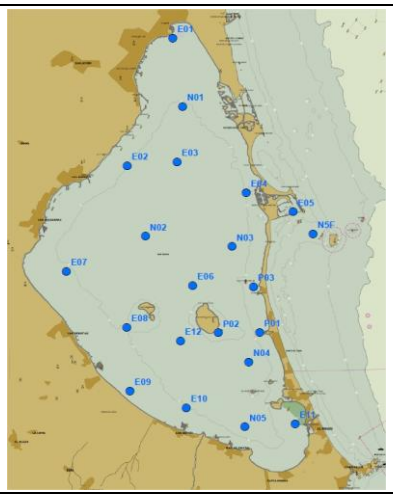
OBSERVACIONES GENERALES

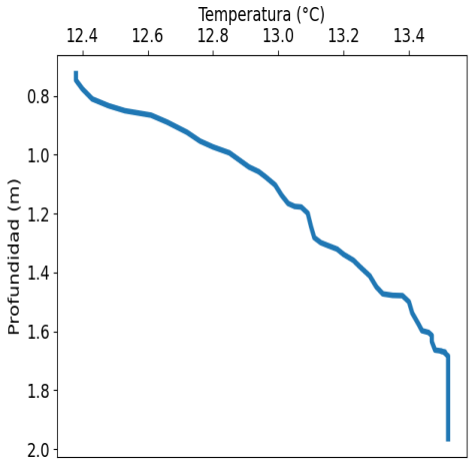
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.727	12.44	48.2	0.57	9.02	11.84	1.42	42.64
0.748	12.45	48.2	0.76	9.02	11.72	1.42	42.64
0.766	12.45	48.21	0.72	9.02	12.61	1.36	42.64
0.854	12.45	48.2	0.57	9.02	11.26	1.41	42.64
0.918	12.44	48.2	0.69	9.02	11.82	1.36	42.63
0.948	12.44	48.2	0.76	9.01	12.51	1.36	42.63
1.005	12.44	48.19	0.72	9.02	11.15	1.39	42.63
1.041	12.44	48.19	0.61	9.02	8.81	1.39	42.63
1.059	12.44	48.19	0.84	9.01	11.99	1.37	42.63
1.08	12.44	48.19	0.72	9.02	10.66	1.36	42.63
1.114	12.44	48.19	0.84	9.03	10.71	1.36	42.63
1.153	12.44	48.19	0.61	9.03	10.42	1.44	42.63
1.169	12.44	48.19	0.76	9.03	10.21	1.43	42.63
1.192	12.44	48.19	0.72	9.03	9.62	1.37	42.63
1.256	12.44	48.19	0.76	9.02	8.92	1.42	42.63
1.297	12.44	48.19	0.57	9.03	9.12	1.43	42.63
1.329	12.44	48.19	0.65	9.03	7.99	1.45	42.63
1.435	12.44	48.19	0.65	9.03	8.74	1.4	42.63
1.498	12.44	48.19	0.69	9.03	9.01	1.37	42.63
1.502	12.44	48.19	0.65	9.02	8.78	1.39	42.63
1.521	12.44	48.19	0.76	9.02	8.68	1.4	42.63
1.563	12.44	48.19	0.76	9.02	8.73	1.4	42.63
1.622	12.44	48.19	0.8	9.02	8.48	1.39	42.63
1.674	12.45	48.19	0.88	9.02	8.12	1.44	42.62
1.688	12.45	48.19	0.61	9.02	7.71	1.43	42.62
1.766	12.45	48.19	0.76	9.02	7.14	1.4	42.62
1.855	12.45	48.2	0.84	9.02	6.94	1.43	42.63
1.856	12.46	48.2	0.61	9.03	7.19	1.44	42.62
1.865	12.46	48.2	0.69	9.03	7.19	1.42	42.62
1.923	12.46	48.2	0.76	9.03	6.92	1.37	42.62
2.016	12.46	48.2	0.69	9.03	6.55	1.4	42.62
2.05	12.46	48.2	0.8	9.02	2.13	1.49	42.62
2.051	12.46	48.2	0.65	9.02	2.12	1.42	42.62
2.073	12.46	48.2	0.57	9.01	1.55	1.41	42.62
2.112	12.46	48.2	0.8	9.02	1.59	1.41	42.62

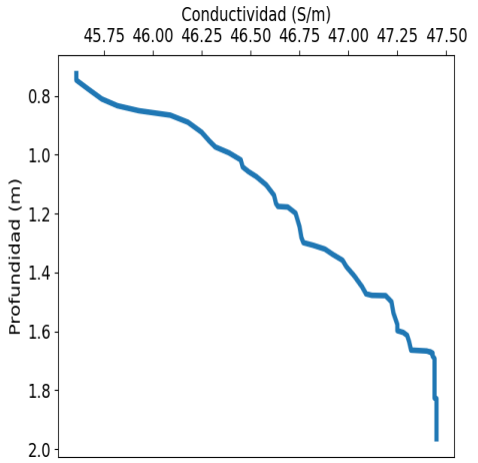
2.145	12.46	48.2	0.76	9.01	1.74	1.43	42.62
2.184	12.46	48.2	0.53	9.02	1.44	1.38	42.62
2.212	12.46	48.2	0.61	9.04	1.44	1.69	42.62
2.221	12.46	48.2	0.61	9.03	1.4	1.53	42.62
2.321	12.46	48.21	0.5	9.03	1.4	1.45	42.62
2.369	12.48	48.23	0.8	9.02	1.15	1.43	42.62
2.416	12.48	48.23	0.61	9.02	1.02	1.43	42.62
2.509	12.48	48.23	0.65	9.02	1.07	1.41	42.62
2.526	12.48	48.22	0.65	9.02	1.05	1.44	42.62
2.559	12.47	48.22	0.69	9.03	1.13	1.46	42.62
2.647	12.47	48.22	0.57	9.03	0.92	1.41	42.62
2.654	12.47	48.2	0.69	9.04	0.98	1.43	42.61
2.682	12.46	48.2	0.72	9.05	0.97	1.44	42.62
2.769	12.47	48.21	0.61	9.04	0.91	1.4	42.62
2.792	12.47	48.2	0.57	9.03	0.96	1.5	42.61
2.813	12.46	48.2	0.8	9.02	0.91	1.48	42.61
2.909	12.46	48.2	0.61	9.02	0.87	1.46	42.61
2.973	12.46	48.19	0.65	9.02	0.84	1.5	42.61
3.006	12.46	48.2	0.8	9.02	0.89	1.43	42.61
3.077	12.46	48.19	0.65	9.02	0.78	1.43	42.61
3.117	12.46	48.19	0.72	9.02	0.76	1.46	42.61
3.131	12.46	48.19	0.69	9.02	0.79	1.43	42.61
3.149	12.46	48.19	0.65	9.02	0.77	1.41	42.61
3.186	12.46	48.19	0.76	9.02	0.76	1.45	42.61
3.213	12.46	48.2	0.65	9.01	0.76	1.43	42.61
3.278	12.47	48.2	0.69	9.01	0.76	1.43	42.61
3.341	12.51	48.29	0.72	9.0	0.76	1.59	42.65
3.345	12.51	48.25	0.69	9.0	0.76	1.45	42.61
3.413	12.5	48.24	0.76	9.01	0.76	1.46	42.61
3.507	12.5	48.31	0.76	9.01	0.76	1.47	42.67
3.525	12.58	48.44	0.61	9.02	0.76	1.43	42.73
3.536	12.59	48.43	0.72	9.03	0.76	1.41	42.7
3.564	12.59	48.42	0.46	9.03	0.76	1.46	42.68
3.591	12.6	48.43	0.76	9.04	0.76	1.43	42.69
3.623	12.6	48.45	0.65	9.05	0.76	1.45	42.71
3.662	12.6	48.46	0.76	9.06	0.76	1.4	42.71
3.699	12.61	48.47	1.03	9.07	0.76	1.37	42.72
3.711	12.63	48.57	0.72	9.11	0.76	1.56	42.79
3.716	12.65	48.6	0.61	9.13	0.76	1.39	42.81
3.755	12.66	48.61	0.8	9.15	0.76	1.21	42.8
3.807	12.66	48.61	0.69	9.16	0.76	1.13	42.79
3.82	12.67	48.63	0.69	9.17	0.76	1.33	42.81
3.839	12.67	48.65	0.84	9.16	0.76	1.2	42.82
3.892	12.68	48.66	0.72	9.14	0.76	1.22	42.82
3.897	12.68	48.67	0.72	9.13	0.76	1.15	42.83
3.991	12.68	48.67	0.84	9.12	0.76	1.11	42.83
4.021	12.68	48.67	0.88	9.1	0.76	1.24	42.83
4.027	12.68	48.67	0.72	9.1	0.76	1.13	42.83
4.097	12.68	48.67	0.72	9.09	0.76	1.13	42.83
4.206	12.68	48.67	0.65	9.09	0.76	1.1	42.84
4.219	12.68	48.67	0.69	9.08	0.76	1.15	42.83
4.222	12.68	48.67	0.65	9.08	0.76	1.09	42.83
4.253	12.68	48.67	0.8	9.08	0.76	1.08	42.83
4.314	12.68	48.67	0.57	9.08	0.76	1.08	42.83
4.37	12.68	48.67	0.57	9.07	0.76	1.06	42.83
4.391	12.68	48.67	0.65	9.09	0.76	1.23	42.83
4.393	12.68	48.67	0.65	9.09	0.76	1.14	42.83
4.417	12.68	48.67	0.65	9.1	0.76	1.12	42.83

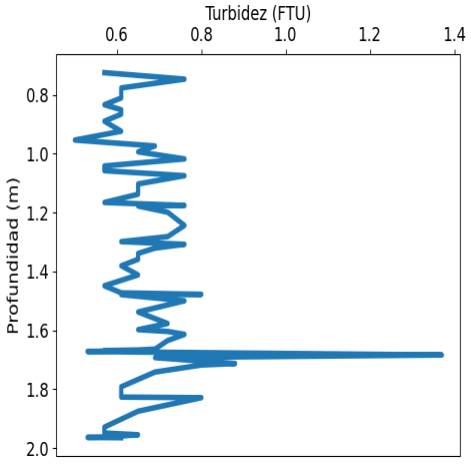
4.461	12.68	48.67	0.65	9.11	0.76	1.07	42.83
4.507	12.68	48.67	0.69	9.11	0.76	1.11	42.83
4.541	12.68	48.67	0.57	9.1	0.76	1.08	42.83
4.559	12.68	48.67	0.65	9.1	0.76	1.09	42.83
4.563	12.68	48.67	0.57	9.09	0.76	1.08	42.83
4.565	12.68	48.67	0.76	9.09	0.76	1.08	42.83
4.569	12.68	48.67	0.65	9.09	0.76	1.05	42.83
4.583	12.68	48.67	0.69	9.09	0.76	1.06	42.83
4.615	12.68	48.67	0.5	9.08	0.76	1.07	42.83
4.662	12.68	48.67	0.65	9.08	0.76	1.08	42.83
4.69	12.68	48.67	0.69	9.06	0.76	1.17	42.83
4.712	12.68	48.67	0.57	9.07	0.76	1.11	42.83
4.772	12.68	48.67	0.57	9.09	0.76	1.1	42.83
4.819	12.68	48.67	0.61	9.09	0.76	1.06	42.83
4.821	12.68	48.67	0.61	9.1	0.76	1.1	42.83
4.825	12.68	48.67	0.69	9.11	0.76	1.08	42.83
4.85	12.68	48.67	0.72	9.1	0.76	1.1	42.83
4.877	12.68	48.67	0.65	9.09	0.76	1.08	42.83
4.887	12.68	48.67	0.69	9.08	0.76	1.08	42.83
4.896	12.68	48.67	0.5	9.08	0.76	1.06	42.83
4.935	12.68	48.67	0.57	9.09	0.76	1.06	42.83
4.969	12.68	48.67	0.65	9.09	0.76	1.11	42.83
5.034	12.68	48.67	0.72	9.1	0.76	1.14	42.83
5.099	12.68	48.67	0.72	9.1	0.76	1.08	42.83
5.149	12.68	48.67	0.65	9.1	0.76	1.05	42.83
5.222	12.68	48.67	0.65	9.1	0.76	1.03	42.83
5.228	12.68	48.67	0.57	9.09	0.76	1.08	42.83
5.253	12.68	48.67	0.65	9.09	0.76	1.05	42.83
5.308	12.68	48.67	0.76	9.09	0.76	1.09	42.83
5.355	12.68	48.67	0.57	9.08	0.76	1.14	42.83
5.362	12.68	48.67	0.65	9.08	0.76	1.1	42.83
5.398	12.68	48.67	0.61	9.08	0.76	1.09	42.83
5.439	12.68	48.67	0.69	9.07	0.76	1.08	42.83
5.46	12.68	48.67	0.57	9.07	0.76	1.05	42.83
5.464	12.68	48.67	0.61	9.07	0.76	1.04	42.83
5.472	12.68	48.67	0.61	9.07	0.76	1.05	42.83
5.502	12.68	48.67	0.69	9.07	0.76	1.08	42.83
5.526	12.68	48.67	0.69	9.07	0.76	1.11	42.83
5.583	12.68	48.67	0.65	9.07	0.76	1.13	42.83
5.599	12.69	48.67	0.69	9.09	0.76	1.11	42.83
5.637	12.69	48.67	0.69	9.09	0.76	1.18	42.83
5.744	12.69	48.67	0.53	9.08	0.76	1.1	42.83
5.762	12.69	48.67	0.8	9.07	0.76	1.12	42.83
5.774	12.69	48.67	0.76	9.07	0.76	1.05	42.83
5.828	12.69	48.67	0.65	9.06	0.76	1.05	42.82
5.891	12.69	48.67	0.61	9.07	0.76	1.08	42.82
5.892	12.68	48.66	0.99	9.08	0.76	1.11	42.82
5.909	12.68	48.66	0.84	9.08	0.76	1.08	42.82
5.942	12.68	48.66	0.65	9.09	0.76	1.02	42.82
5.971	12.68	48.66	0.72	9.1	0.76	1.11	42.82
6.045	12.68	48.66	0.76	9.1	0.76	1.19	42.82
6.178	12.68	48.66	0.61	9.1	0.76	1.28	42.82
6.234	12.68	48.66	0.72	9.1	0.76	1.21	42.82

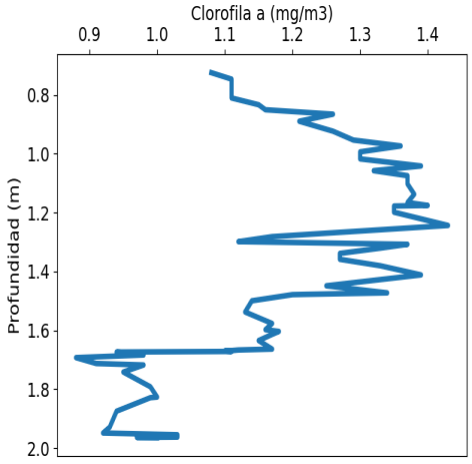
Nombre: CTD E01 - Punto 005 **Fecha: 08/01/2025** **Hora: 08:01:57**

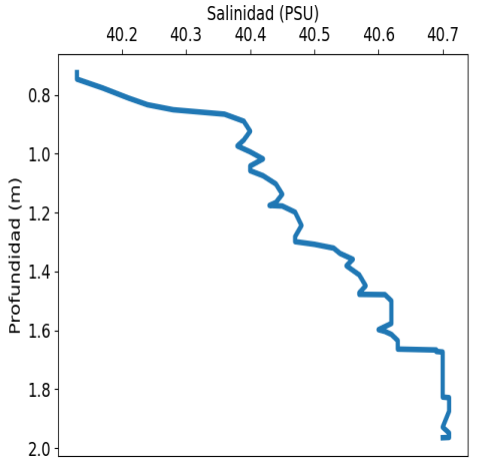


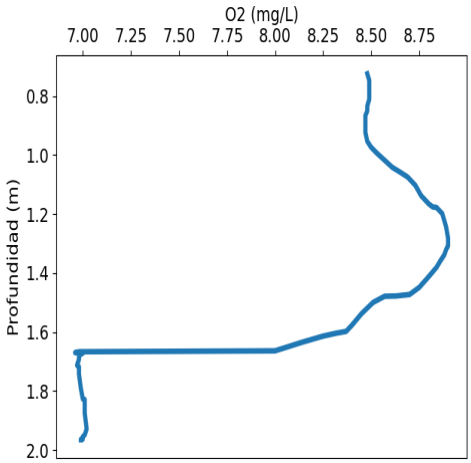


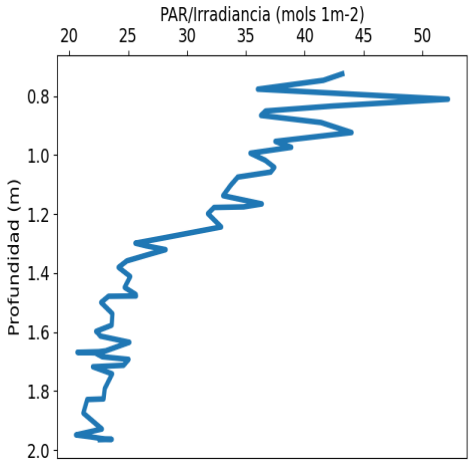












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.38	45.61	0.5	6.96	20.56	0.88	40.13
PROF (metros)	0.725	0.725	0.954	1.67	1.949	1.693	0.725
MÁXIMO	13.52	13.52	1.37	8.9	52.2	1.43	40.71
PROF (metros)	1.684	1.829	1.684	1.282	0.811	1.244	1.829

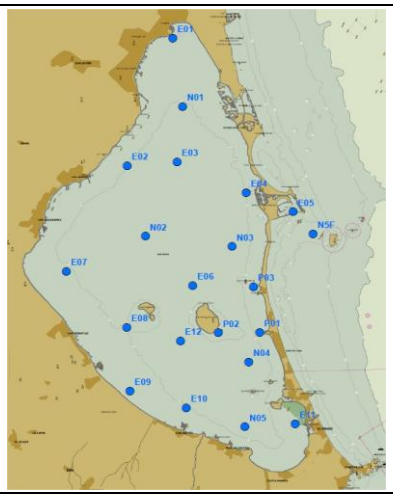
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.58	45.99	0.61	8.49	40.47	1.2	40.29
1 - 2m	13.33	47.12	0.68	8.0	25.99	1.17	40.59

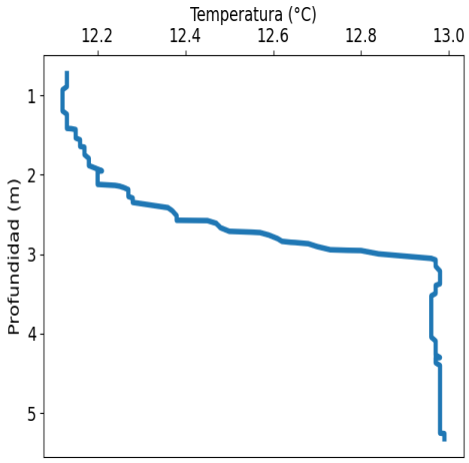
OBSERVACIONES GENERALES

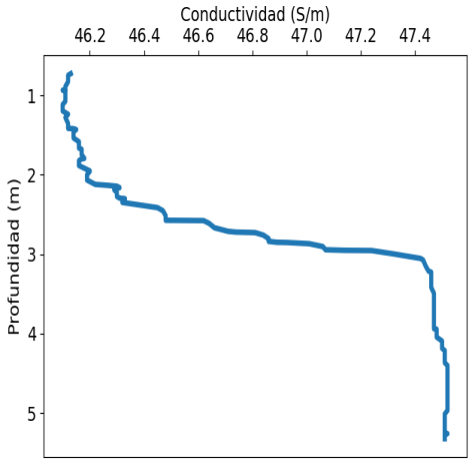
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.725	12.38	45.61	0.57	8.48	43.21	1.08	40.13
0.747	12.38	45.61	0.76	8.49	41.6	1.11	40.13
0.777	12.4	45.67	0.61	8.49	36.02	1.11	40.17
0.811	12.43	45.74	0.61	8.49	52.2	1.11	40.21
0.834	12.48	45.82	0.57	8.48	42.42	1.15	40.24
0.851	12.53	45.93	0.61	8.48	36.68	1.16	40.28
0.866	12.61	46.09	0.61	8.47	36.29	1.26	40.36
0.89	12.66	46.18	0.57	8.47	41.4	1.21	40.39
0.924	12.72	46.25	0.61	8.47	44.0	1.26	40.4
0.954	12.76	46.29	0.5	8.48	37.51	1.29	40.39
0.974	12.8	46.32	0.69	8.5	38.87	1.36	40.38
0.994	12.85	46.39	0.65	8.53	35.39	1.3	40.4
1.018	12.88	46.45	0.76	8.57	36.65	1.3	40.42
1.042	12.91	46.46	0.57	8.61	37.43	1.39	40.4
1.058	12.94	46.49	0.57	8.65	37.12	1.32	40.4
1.075	12.96	46.53	0.76	8.69	34.32	1.37	40.42
1.103	12.99	46.58	0.65	8.73	33.71	1.37	40.44
1.138	13.01	46.62	0.65	8.76	33.07	1.38	40.45
1.166	13.03	46.63	0.57	8.8	36.37	1.37	40.44
1.176	13.05	46.64	0.76	8.82	34.81	1.4	40.43
1.178	13.07	46.69	0.65	8.84	32.3	1.35	40.45
1.199	13.09	46.73	0.72	8.87	31.78	1.35	40.47
1.244	13.1	46.75	0.76	8.89	32.91	1.43	40.48
1.282	13.11	46.76	0.72	8.9	27.91	1.17	40.47
1.299	13.13	46.77	0.61	8.9	25.61	1.12	40.47
1.308	13.15	46.82	0.76	8.9	26.53	1.37	40.5
1.321	13.18	46.88	0.69	8.89	28.19	1.33	40.53
1.339	13.2	46.92	0.65	8.88	26.6	1.27	40.54
1.359	13.23	46.97	0.65	8.86	24.89	1.27	40.56
1.381	13.25	46.99	0.61	8.84	24.18	1.33	40.55
1.412	13.28	47.03	0.65	8.8	25.18	1.39	40.57
1.449	13.3	47.07	0.57	8.75	24.7	1.25	40.58
1.473	13.32	47.09	0.61	8.7	25.65	1.34	40.57
1.478	13.35	47.12	0.8	8.63	25.67	1.22	40.57
1.479	13.38	47.19	0.61	8.57	23.33	1.2	40.61
1.5	13.4	47.22	0.76	8.51	22.7	1.14	40.62
1.538	13.41	47.23	0.65	8.45	23.66	1.13	40.62
1.577	13.43	47.25	0.72	8.4	23.6	1.17	40.62
1.598	13.44	47.25	0.65	8.37	22.27	1.16	40.6
1.604	13.46	47.28	0.72	8.32	22.44	1.18	40.61

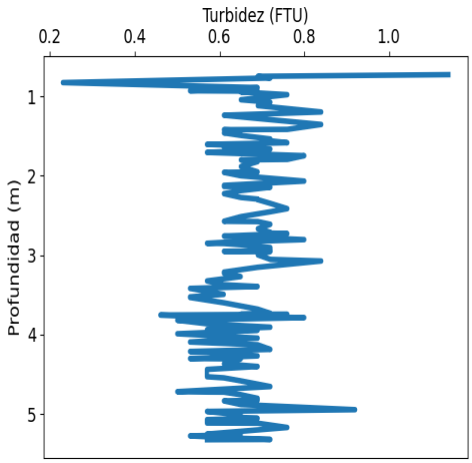
1.614	13.47	47.3	0.76	8.25	22.64	1.17	40.62
1.635	13.47	47.31	0.72	8.14	25.11	1.15	40.63
1.664	13.48	47.32	0.69	8.0	23.09	1.17	40.63
1.667	13.5	47.4	0.65	6.98	22.5	1.12	40.69
1.669	13.5	47.41	0.57	6.97	20.68	1.11	40.69
1.67	13.51	47.42	0.61	6.96	21.63	1.1	40.69
1.672	13.51	47.42	0.53	7.0	22.84	1.11	40.69
1.674	13.51	47.43	0.65	6.99	22.34	0.94	40.7
1.684	13.52	47.43	1.37	6.98	22.8	0.98	40.7
1.693	13.52	47.44	0.69	6.98	25.04	0.88	40.7
1.713	13.52	47.44	0.88	6.97	24.61	0.91	40.7
1.718	13.52	47.44	0.8	6.98	22.0	0.98	40.7
1.742	13.52	47.44	0.69	6.98	23.64	0.95	40.7
1.792	13.52	47.44	0.61	6.99	23.01	0.99	40.7
1.827	13.52	47.44	0.61	7.0	22.91	1.0	40.7
1.829	13.52	47.45	0.8	7.01	21.52	0.99	40.71
1.875	13.52	47.45	0.65	7.01	21.19	0.94	40.71
1.929	13.52	47.45	0.57	7.02	22.77	0.93	40.7
1.949	13.52	47.45	0.57	7.01	20.56	0.92	40.71
1.955	13.52	47.45	0.65	7.0	21.73	1.03	40.71
1.963	13.52	47.45	0.57	7.0	23.02	1.03	40.71
1.964	13.52	47.45	0.53	6.99	23.61	0.97	40.71
1.965	13.52	47.45	0.61	6.99	22.58	1.0	40.7

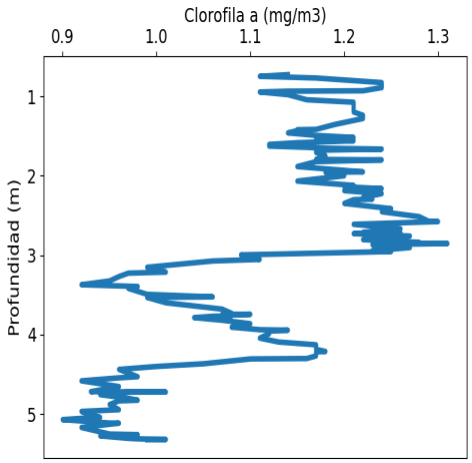
Nombre: CTD N01 - Punto 006 **Fecha: 08/01/2025** **Hora: 08:01:23**

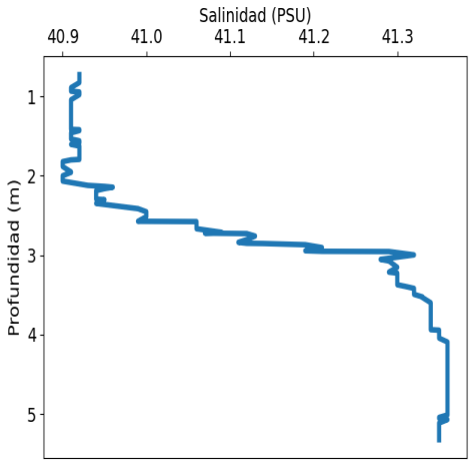


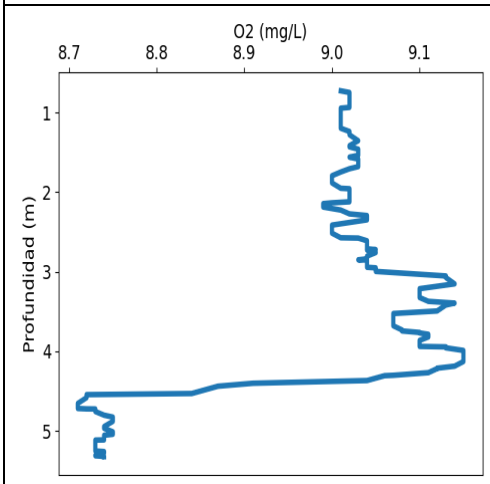


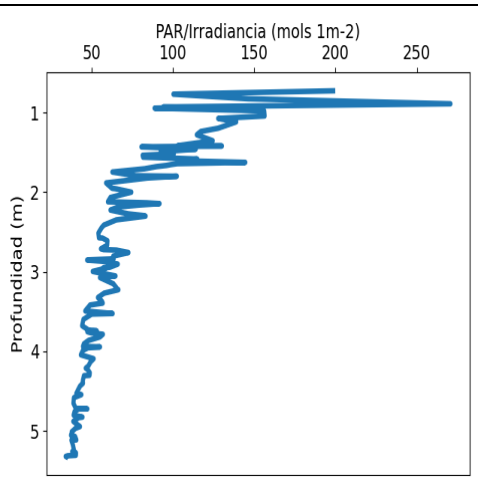












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.12	46.1	0.23	8.71	34.21	0.9	40.9
PROF (metros)	0.929	0.934	0.826	4.653	5.319	5.069	1.821
MÁXIMO	12.99	12.99	1.14	9.15	270.69	1.31	41.36
PROF (metros)	5.258	4.4	0.726	3.988	0.889	2.852	4.092

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.12	46.11	0.68	9.02	146.17	1.17	40.92
1 - 2m	12.16	46.15	0.69	9.02	100.55	1.18	40.91
2 - 3m	12.47	46.64	0.68	9.03	63.56	1.23	41.06
3 - 4m	12.97	47.46	0.63	9.1	53.04	1.04	41.32
4 - 5m	12.98	47.51	0.63	8.89	43.97	1.03	41.36
5 - 6m	12.98	47.51	0.64	8.74	38.08	0.95	41.35

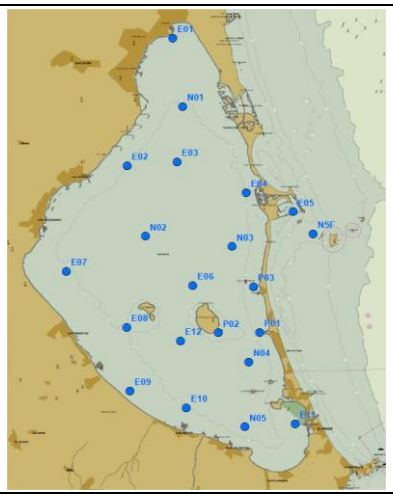
OBSERVACIONES GENERALES

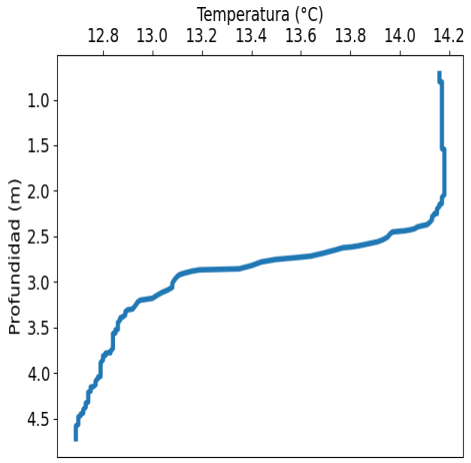
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.726	12.13	46.13	1.14	9.01	198.56	1.14	40.92
0.747	12.13	46.12	0.69	9.02	150.0	1.11	40.92
0.768	12.13	46.12	0.72	9.02	100.4	1.17	40.92
0.826	12.13	46.12	0.23	9.02	146.29	1.24	40.92
0.889	12.13	46.11	0.69	9.02	270.69	1.24	40.91
0.929	12.12	46.11	0.53	9.02	94.16	1.22	40.91
0.934	12.12	46.1	0.69	9.02	110.39	1.14	40.91
0.944	12.12	46.11	0.65	9.01	88.82	1.11	40.92
0.978	12.12	46.11	0.76	9.01	156.21	1.14	40.92
1.042	12.12	46.11	0.65	9.01	156.5	1.16	40.91
1.073	12.12	46.11	0.72	9.01	127.92	1.21	40.91
1.116	12.12	46.1	0.69	9.01	139.02	1.21	40.91
1.196	12.12	46.1	0.84	9.01	127.92	1.21	40.91
1.237	12.13	46.12	0.61	9.02	117.22	1.22	40.91
1.278	12.13	46.11	0.69	9.02	114.77	1.22	40.91
1.353	12.13	46.12	0.84	9.03	124.61	1.19	40.91
1.415	12.13	46.12	0.76	9.02	103.12	1.17	40.91
1.419	12.14	46.14	0.61	9.02	130.25	1.15	40.92
1.43	12.15	46.15	0.65	9.02	80.75	1.15	40.92
1.459	12.15	46.14	0.61	9.03	114.16	1.14	40.91
1.491	12.15	46.14	0.65	9.03	92.56	1.17	40.91
1.517	12.15	46.14	0.69	9.03	100.71	1.21	40.91
1.536	12.15	46.14	0.72	9.03	81.5	1.17	40.91
1.559	12.16	46.15	0.72	9.02	81.75	1.21	40.92
1.583	12.16	46.16	0.76	9.03	115.12	1.15	40.92
1.604	12.16	46.16	0.57	9.03	105.0	1.12	40.91
1.625	12.16	46.16	0.69	9.03	144.61	1.12	40.92
1.641	12.16	46.16	0.61	9.03	102.78	1.16	40.92
1.652	12.17	46.16	0.69	9.03	99.02	1.18	40.92
1.663	12.17	46.16	0.72	9.03	96.23	1.24	40.92
1.678	12.17	46.17	0.69	9.03	89.98	1.17	40.92
1.705	12.17	46.17	0.57	9.02	82.79	1.17	40.92
1.746	12.17	46.17	0.8	9.01	62.9	1.18	40.92
1.793	12.18	46.18	0.76	9.0	77.39	1.17	40.92
1.799	12.18	46.17	0.65	9.0	102.57	1.24	40.91
1.821	12.18	46.16	0.69	9.0	84.4	1.17	40.9

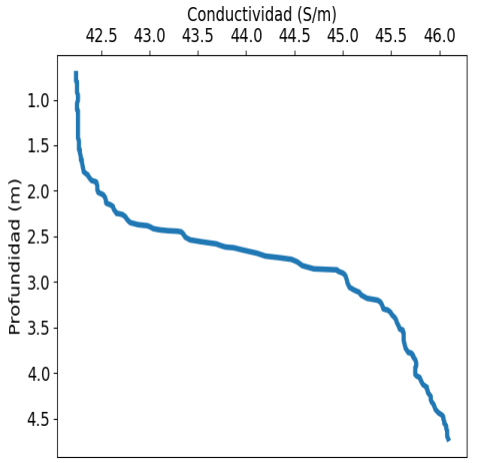
1.883	12.18	46.16	0.65	9.0	59.04	1.15	40.9
1.95	12.21	46.2	0.69	9.01	62.71	1.22	40.91
1.956	12.2	46.2	0.61	9.02	65.03	1.18	40.91
1.999	12.2	46.19	0.65	9.02	74.58	1.2	40.9
2.066	12.2	46.19	0.8	9.02	61.71	1.15	40.9
2.12	12.2	46.22	0.61	9.02	60.17	1.21	40.93
2.133	12.24	46.27	0.61	9.0	84.01	1.2	40.95
2.143	12.25	46.3	0.72	8.99	91.94	1.21	40.96
2.161	12.26	46.31	0.69	8.99	79.32	1.24	40.95
2.186	12.27	46.29	0.65	8.99	66.38	1.2	40.94
2.224	12.27	46.3	0.61	9.01	61.7	1.24	40.94
2.272	12.27	46.3	0.65	9.02	72.75	1.22	40.94
2.293	12.28	46.31	0.69	9.04	81.97	1.23	40.94
2.3	12.28	46.33	0.69	9.04	83.35	1.21	40.95
2.347	12.28	46.32	0.72	9.04	65.35	1.2	40.94
2.413	12.36	46.45	0.76	9.0	57.63	1.25	40.99
2.452	12.37	46.47	0.72	9.0	56.08	1.24	41.0
2.514	12.38	46.48	0.65	9.0	54.29	1.28	41.0
2.572	12.38	46.48	0.61	9.01	54.65	1.29	40.99
2.576	12.45	46.62	0.69	9.03	56.89	1.3	41.06
2.61	12.47	46.64	0.72	9.04	59.91	1.21	41.06
2.666	12.48	46.66	0.69	9.04	59.71	1.26	41.06
2.711	12.5	46.71	0.72	9.04	55.84	1.22	41.09
2.721	12.55	46.74	0.72	9.05	57.53	1.26	41.07
2.727	12.57	46.81	0.76	9.04	65.39	1.21	41.12
2.758	12.59	46.84	0.61	9.05	72.82	1.27	41.13
2.803	12.61	46.86	0.8	9.04	63.38	1.22	41.12
2.837	12.62	46.86	0.61	9.04	63.73	1.28	41.11
2.849	12.64	46.89	0.57	9.03	48.76	1.24	41.12
2.852	12.65	46.93	0.61	9.04	47.4	1.31	41.14
2.867	12.68	47.01	0.65	9.04	56.69	1.23	41.19
2.903	12.7	47.06	0.72	9.04	66.26	1.27	41.21
2.943	12.73	47.07	0.72	9.04	61.23	1.23	41.19
2.95	12.77	47.14	0.61	9.05	57.3	1.25	41.21
2.953	12.8	47.24	0.72	9.05	59.09	1.25	41.29
2.995	12.84	47.32	0.69	9.05	50.82	1.09	41.32
3.052	12.96	47.42	0.72	9.13	64.85	1.11	41.28
3.072	12.97	47.43	0.84	9.13	55.25	1.06	41.29
3.151	12.97	47.44	0.69	9.14	63.56	0.99	41.3
3.212	12.98	47.45	0.61	9.1	65.79	1.01	41.29
3.225	12.98	47.46	0.61	9.1	66.62	0.97	41.3
3.268	12.98	47.46	0.65	9.1	57.87	0.96	41.3
3.323	12.98	47.46	0.57	9.1	53.99	0.95	41.3
3.371	12.98	47.46	0.61	9.11	56.56	0.92	41.3
3.393	12.97	47.46	0.69	9.14	57.0	0.98	41.31
3.417	12.97	47.46	0.53	9.13	49.23	0.97	41.32
3.492	12.97	47.47	0.61	9.12	46.23	0.99	41.32
3.524	12.96	47.47	0.53	9.07	63.1	1.06	41.33
3.531	12.96	47.47	0.53	9.07	50.26	0.99	41.33
3.598	12.96	47.47	0.61	9.07	45.1	1.01	41.34
3.678	12.96	47.47	0.69	9.07	44.31	1.07	41.34
3.731	12.96	47.47	0.72	9.08	48.21	1.08	41.34
3.742	12.96	47.47	0.65	9.08	53.32	1.07	41.34
3.743	12.96	47.47	0.76	9.08	51.15	1.1	41.34
3.752	12.96	47.47	0.46	9.09	47.5	1.07	41.34
3.762	12.96	47.47	0.5	9.1	49.0	1.08	41.34
3.768	12.96	47.47	0.61	9.1	50.3	1.06	41.34
3.785	12.96	47.47	0.8	9.11	57.11	1.04	41.34

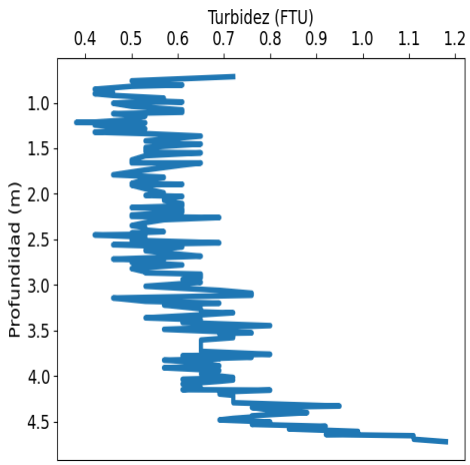
3.818	12.96	47.47	0.5	9.11	55.24	1.07	41.34
3.862	12.96	47.47	0.57	9.1	48.25	1.1	41.34
3.905	12.96	47.47	0.72	9.1	45.4	1.08	41.34
3.937	12.96	47.47	0.57	9.1	44.82	1.11	41.34
3.943	12.96	47.48	0.69	9.13	55.34	1.14	41.35
3.955	12.96	47.48	0.65	9.13	47.86	1.12	41.35
3.988	12.96	47.48	0.5	9.15	44.81	1.12	41.35
4.043	12.96	47.48	0.69	9.15	43.55	1.11	41.35
4.092	12.97	47.5	0.53	9.15	51.43	1.13	41.36
4.127	12.97	47.5	0.69	9.15	49.66	1.17	41.36
4.185	12.97	47.5	0.72	9.14	48.05	1.17	41.36
4.211	12.97	47.51	0.53	9.12	46.5	1.18	41.36
4.216	12.97	47.51	0.57	9.12	47.27	1.17	41.36
4.267	12.97	47.51	0.69	9.11	49.05	1.17	41.36
4.3	12.98	47.51	0.53	9.07	48.9	1.16	41.36
4.305	12.97	47.51	0.65	9.06	45.44	1.1	41.36
4.366	12.97	47.51	0.61	9.04	44.75	1.05	41.36
4.4	12.98	47.52	0.69	8.91	44.87	1.0	41.36
4.437	12.98	47.52	0.57	8.87	42.96	0.96	41.36
4.529	12.98	47.52	0.57	8.84	40.73	0.98	41.36
4.543	12.98	47.52	0.61	8.72	43.9	0.96	41.36
4.581	12.98	47.52	0.65	8.72	39.25	0.92	41.36
4.653	12.98	47.52	0.72	8.71	38.98	0.96	41.36
4.717	12.98	47.52	0.5	8.71	40.5	0.93	41.36
4.722	12.98	47.52	0.57	8.72	47.57	1.01	41.36
4.723	12.98	47.52	0.61	8.73	42.32	0.97	41.36
4.755	12.98	47.52	0.65	8.73	39.66	0.94	41.36
4.801	12.98	47.52	0.69	8.74	39.07	0.97	41.36
4.825	12.98	47.52	0.69	8.75	44.58	0.98	41.36
4.833	12.98	47.52	0.61	8.75	42.09	0.96	41.36
4.879	12.98	47.52	0.65	8.75	38.87	0.95	41.36
4.944	12.98	47.52	0.92	8.74	43.05	0.96	41.36
4.966	12.98	47.52	0.57	8.74	40.27	0.92	41.36
5.01	12.98	47.51	0.65	8.75	37.93	0.93	41.36
5.041	12.98	47.51	0.65	8.75	37.94	0.94	41.35
5.053	12.98	47.51	0.69	8.74	37.43	0.92	41.35
5.069	12.98	47.51	0.57	8.74	40.01	0.9	41.36
5.112	12.98	47.51	0.57	8.74	40.76	0.95	41.35
5.114	12.98	47.51	0.69	8.73	37.71	0.96	41.35
5.168	12.98	47.51	0.76	8.73	38.57	0.92	41.35
5.251	12.98	47.51	0.57	8.73	39.43	0.95	41.35
5.258	12.99	47.52	0.65	8.74	38.21	0.98	41.35
5.274	12.99	47.51	0.53	8.74	40.54	0.94	41.35
5.305	12.99	47.51	0.65	8.73	40.48	0.97	41.35
5.311	12.99	47.51	0.69	8.73	35.47	0.98	41.35
5.319	12.99	47.51	0.72	8.74	34.21	1.01	41.35
5.322	12.99	47.51	0.57	8.74	34.49	0.99	41.35

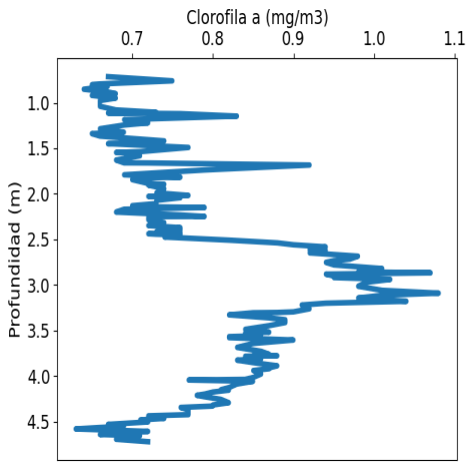
Nombre: CTD E05 - Punto 007 **Fecha: 08/01/2025** **Hora: 09:01:09**

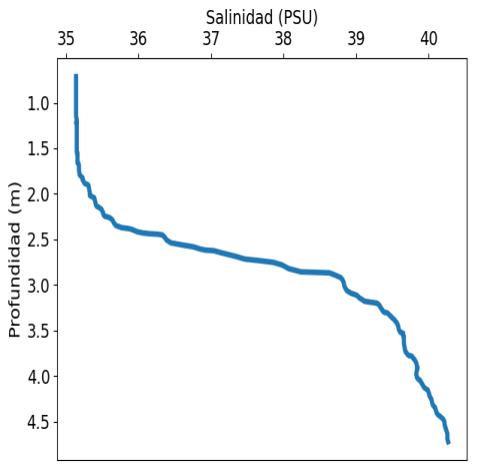


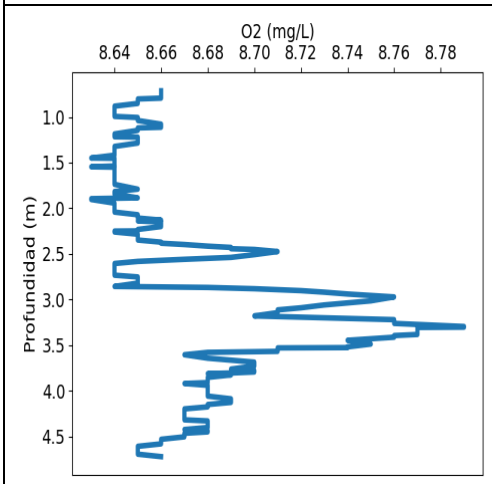


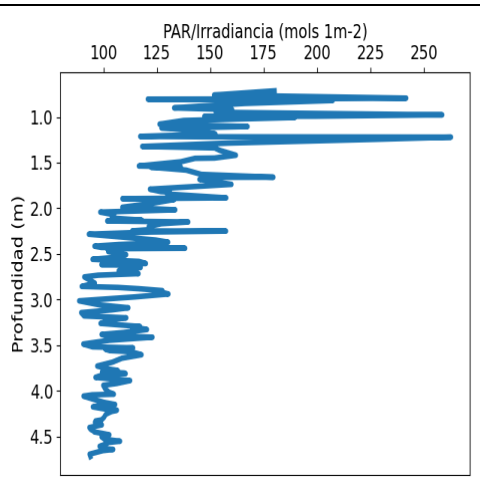












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.69	42.24	0.38	8.63	88.47	0.63	35.14
PROF (metros)	4.58	0.714	1.217	1.45	3.014	4.58	0.714
MÁXIMO	14.18	14.18	1.18	8.79	262.84	1.08	40.27
PROF (metros)	1.546	4.72	4.72	3.295	1.221	3.09	4.72

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	14.17	42.25	0.53	8.65	174.68	0.67	35.14
1 - 2m	14.17	42.3	0.53	8.64	146.23	0.71	35.18
2 - 3m	13.85	43.47	0.56	8.67	112.64	0.83	36.58
3 - 4m	12.88	45.55	0.66	8.72	104.8	0.88	39.55
4 - 5m	12.73	45.95	0.8	8.67	99.13	0.76	40.1

OBSERVACIONES GENERALES

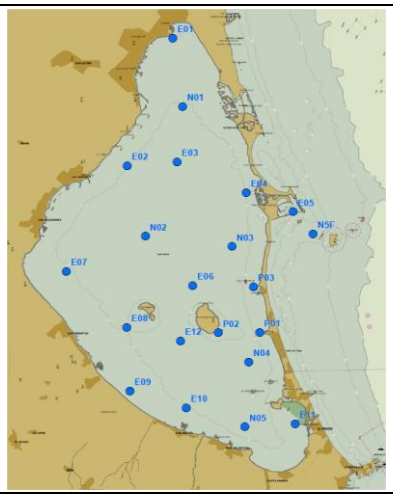
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.714	14.16	42.24	0.72	8.66	180.14	0.67	35.14
0.76	14.16	42.24	0.5	8.66	151.71	0.75	35.14
0.794	14.16	42.24	0.53	8.66	241.85	0.66	35.14
0.803	14.16	42.25	0.57	8.65	182.24	0.65	35.14
0.805	14.17	42.25	0.61	8.65	120.66	0.66	35.14
0.82	14.17	42.25	0.5	8.65	207.4	0.67	35.14
0.852	14.17	42.25	0.42	8.65	166.03	0.64	35.14
0.882	14.17	42.25	0.46	8.64	144.77	0.67	35.14
0.901	14.17	42.25	0.42	8.64	132.97	0.68	35.14
0.92	14.17	42.25	0.46	8.64	160.28	0.65	35.14
0.949	14.17	42.26	0.57	8.64	152.49	0.68	35.14
0.977	14.17	42.26	0.53	8.64	258.73	0.66	35.14
0.992	14.17	42.26	0.61	8.64	199.2	0.66	35.14
0.994	14.17	42.26	0.5	8.64	147.11	0.66	35.14
1.006	14.17	42.26	0.46	8.65	189.61	0.66	35.14
1.039	14.17	42.25	0.5	8.65	137.54	0.66	35.14
1.079	14.17	42.25	0.61	8.66	126.15	0.68	35.14
1.105	14.17	42.25	0.61	8.66	167.5	0.73	35.14
1.113	14.17	42.25	0.53	8.66	151.75	0.67	35.14
1.12	14.17	42.26	0.46	8.65	127.03	0.76	35.14
1.147	14.17	42.26	0.53	8.65	142.54	0.83	35.14
1.186	14.17	42.26	0.5	8.64	152.38	0.69	35.15
1.213	14.17	42.26	0.42	8.64	117.08	0.7	35.15
1.217	14.17	42.26	0.38	8.64	145.21	0.71	35.14
1.221	14.17	42.26	0.53	8.65	262.84	0.72	35.15
1.245	14.17	42.26	0.42	8.65	227.55	0.69	35.15
1.286	14.17	42.26	0.53	8.65	158.76	0.66	35.15
1.323	14.17	42.26	0.42	8.64	118.03	0.69	35.15
1.339	14.17	42.26	0.53	8.64	152.03	0.65	35.15
1.366	14.17	42.26	0.65	8.64	154.44	0.66	35.15
1.419	14.17	42.26	0.53	8.64	162.03	0.74	35.15
1.45	14.17	42.27	0.61	8.63	151.96	0.67	35.15
1.453	14.17	42.27	0.65	8.64	142.87	0.68	35.15
1.491	14.17	42.27	0.53	8.64	136.12	0.77	35.15
1.537	14.17	42.27	0.53	8.64	116.46	0.71	35.15
1.546	14.18	42.27	0.57	8.63	136.18	0.68	35.15
1.55	14.18	42.28	0.65	8.64	122.15	0.69	35.16

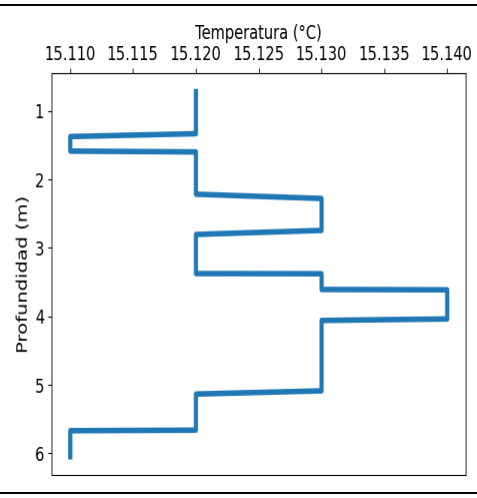
1.582	14.18	42.28	0.53	8.64	138.66	0.71	35.16
1.629	14.18	42.29	0.5	8.64	145.82	0.68	35.16
1.66	14.18	42.29	0.5	8.64	179.6	0.69	35.16
1.661	14.18	42.3	0.65	8.64	149.13	0.72	35.17
1.684	14.18	42.3	0.61	8.64	144.84	0.92	35.18
1.738	14.18	42.31	0.53	8.64	159.95	0.79	35.18
1.791	14.18	42.32	0.46	8.65	121.64	0.69	35.19
1.817	14.18	42.35	0.57	8.64	126.8	0.76	35.22
1.822	14.18	42.36	0.57	8.64	131.04	0.73	35.23
1.844	14.18	42.37	0.53	8.64	129.68	0.7	35.23
1.886	14.18	42.4	0.5	8.65	157.52	0.72	35.26
1.895	14.18	42.43	0.61	8.63	108.74	0.74	35.29
1.904	14.18	42.45	0.5	8.63	133.12	0.72	35.31
1.944	14.18	42.46	0.53	8.64	123.18	0.74	35.32
1.989	14.18	42.46	0.57	8.64	108.71	0.73	35.33
2.017	14.18	42.47	0.53	8.64	133.62	0.77	35.33
2.028	14.18	42.49	0.61	8.64	117.46	0.72	35.35
2.042	14.18	42.52	0.57	8.64	98.38	0.76	35.39
2.071	14.17	42.54	0.57	8.65	104.9	0.73	35.4
2.107	14.17	42.55	0.61	8.65	103.74	0.73	35.41
2.13	14.17	42.55	0.61	8.66	117.9	0.7	35.42
2.139	14.17	42.56	0.57	8.65	101.62	0.7	35.43
2.15	14.16	42.59	0.5	8.66	139.7	0.79	35.46
2.169	14.16	42.62	0.61	8.66	127.06	0.69	35.49
2.2	14.15	42.63	0.61	8.66	121.08	0.68	35.51
2.232	14.15	42.65	0.5	8.65	122.55	0.76	35.52
2.248	14.15	42.66	0.5	8.65	113.34	0.79	35.54
2.25	14.14	42.68	0.53	8.64	157.41	0.73	35.56
2.26	14.14	42.72	0.69	8.64	121.98	0.72	35.6
2.284	14.13	42.75	0.57	8.65	93.01	0.72	35.64
2.316	14.13	42.77	0.53	8.65	109.01	0.74	35.66
2.348	14.12	42.8	0.5	8.65	124.38	0.72	35.69
2.371	14.11	42.88	0.53	8.66	130.28	0.76	35.77
2.383	14.09	42.98	0.53	8.66	122.66	0.75	35.88
2.397	14.07	43.01	0.53	8.67	107.11	0.76	35.93
2.415	14.06	43.04	0.57	8.68	95.66	0.73	35.98
2.429	14.04	43.11	0.5	8.69	98.92	0.76	36.06
2.438	14.02	43.2	0.53	8.69	138.25	0.72	36.16
2.443	14.0	43.29	0.53	8.69	101.62	0.73	36.27
2.451	13.97	43.33	0.42	8.7	102.81	0.76	36.33
2.474	13.96	43.35	0.53	8.71	102.09	0.74	36.36
2.508	13.95	43.37	0.5	8.7	110.62	0.82	36.39
2.538	13.93	43.42	0.69	8.69	105.34	0.88	36.45
2.559	13.91	43.54	0.46	8.67	94.75	0.9	36.59
2.582	13.87	43.69	0.61	8.65	116.59	0.94	36.76
2.605	13.83	43.75	0.57	8.64	119.85	0.92	36.85
2.617	13.8	43.79	0.53	8.64	98.9	0.92	36.92
2.624	13.77	43.87	0.53	8.64	110.95	0.94	37.04
2.648	13.74	43.96	0.57	8.64	117.43	0.92	37.15
2.684	13.69	44.11	0.65	8.64	107.01	0.98	37.33
2.716	13.64	44.2	0.46	8.64	116.4	0.97	37.47
2.733	13.58	44.34	0.57	8.64	97.42	0.95	37.67
2.752	13.5	44.47	0.5	8.65	90.88	0.94	37.86
2.78	13.44	44.53	0.61	8.65	93.03	0.95	37.98
2.82	13.4	44.58	0.5	8.65	95.94	1.01	38.07
2.856	13.35	44.7	0.53	8.64	89.67	0.98	38.24
2.867	13.19	44.94	0.53	8.68	106.74	1.07	38.63
2.881	13.16	44.95	0.65	8.7	116.46	0.94	38.68

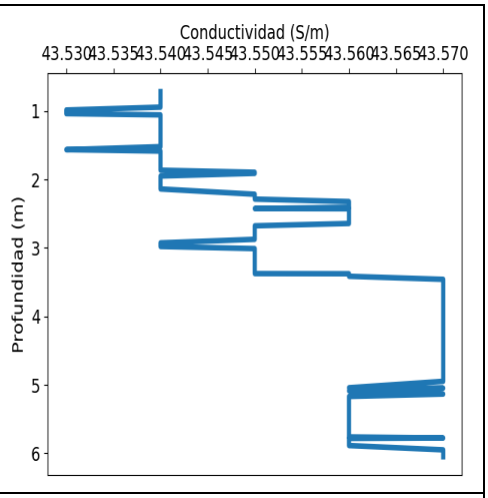
2.902	13.13	45.0	0.65	8.72	127.59	0.95	38.74
2.919	13.11	45.02	0.65	8.73	127.06	0.95	38.79
2.939	13.1	45.03	0.61	8.74	130.43	1.02	38.81
2.971	13.09	45.04	0.65	8.76	114.58	0.99	38.83
3.014	13.08	45.05	0.53	8.75	88.47	0.98	38.84
3.059	13.08	45.07	0.69	8.73	98.26	1.01	38.87
3.09	13.06	45.12	0.76	8.72	111.65	1.08	38.93
3.113	13.04	45.17	0.76	8.71	103.86	1.01	39.01
3.143	13.02	45.19	0.46	8.71	89.44	0.98	39.05
3.179	13.0	45.25	0.53	8.7	90.8	1.04	39.12
3.2	12.95	45.36	0.69	8.73	110.67	0.94	39.29
3.22	12.94	45.39	0.57	8.76	103.81	0.91	39.32
3.261	12.93	45.41	0.65	8.76	98.49	0.92	39.35
3.295	12.92	45.42	0.65	8.79	117.11	0.9	39.38
3.302	12.91	45.44	0.69	8.79	113.37	0.88	39.4
3.305	12.9	45.46	0.72	8.77	114.88	0.85	39.43
3.328	12.89	45.49	0.65	8.77	120.38	0.82	39.46
3.361	12.89	45.51	0.53	8.77	109.22	0.87	39.5
3.382	12.88	45.53	0.65	8.77	98.97	0.89	39.53
3.394	12.87	45.54	0.61	8.76	100.73	0.89	39.54
3.412	12.87	45.55	0.61	8.76	122.95	0.89	39.56
3.446	12.86	45.56	0.8	8.74	102.61	0.87	39.58
3.487	12.86	45.58	0.57	8.75	90.4	0.84	39.59
3.518	12.86	45.59	0.72	8.74	94.84	0.87	39.61
3.526	12.85	45.62	0.76	8.74	109.37	0.84	39.64
3.529	12.85	45.62	0.72	8.71	113.87	0.84	39.65
3.543	12.85	45.62	0.69	8.71	100.75	0.86	39.65
3.559	12.85	45.63	0.72	8.71	102.83	0.85	39.65
3.567	12.84	45.63	0.72	8.71	109.95	0.82	39.66
3.578	12.84	45.63	0.72	8.68	113.87	0.82	39.66
3.604	12.84	45.63	0.65	8.67	117.82	0.9	39.66
3.642	12.84	45.63	0.65	8.68	108.61	0.85	39.66
3.685	12.84	45.64	0.65	8.7	104.17	0.83	39.67
3.728	12.84	45.65	0.65	8.7	96.95	0.86	39.68
3.761	12.83	45.67	0.8	8.69	102.38	0.87	39.71
3.776	12.83	45.68	0.61	8.69	106.64	0.85	39.73
3.777	12.82	45.7	0.72	8.7	99.94	0.88	39.75
3.782	12.81	45.71	0.72	8.7	101.2	0.84	39.77
3.793	12.81	45.72	0.76	8.7	99.18	0.84	39.78
3.804	12.81	45.72	0.69	8.69	109.7	0.86	39.79
3.811	12.8	45.73	0.69	8.68	110.39	0.86	39.8
3.825	12.8	45.73	0.57	8.69	99.55	0.83	39.81
3.852	12.8	45.75	0.65	8.68	96.1	0.85	39.83
3.887	12.79	45.76	0.69	8.68	112.48	0.88	39.84
3.909	12.79	45.76	0.57	8.68	108.13	0.87	39.85
3.919	12.79	45.76	0.61	8.67	106.0	0.87	39.84
3.939	12.79	45.75	0.69	8.68	99.78	0.85	39.84
3.977	12.79	45.75	0.65	8.68	100.68	0.86	39.83
4.015	12.79	45.75	0.72	8.68	102.57	0.85	39.84
4.036	12.79	45.77	0.61	8.68	104.85	0.84	39.86
4.043	12.78	45.79	0.72	8.68	94.62	0.77	39.88
4.057	12.78	45.8	0.69	8.68	90.52	0.85	39.89
4.087	12.77	45.81	0.61	8.69	94.58	0.83	39.91
4.126	12.77	45.83	0.65	8.69	100.24	0.82	39.94
4.149	12.76	45.86	0.61	8.68	105.44	0.81	39.98
4.154	12.75	45.87	0.8	8.68	99.27	0.82	39.99
4.175	12.75	45.87	0.69	8.68	94.9	0.8	40.0
4.197	12.75	45.88	0.69	8.67	100.33	0.79	40.01

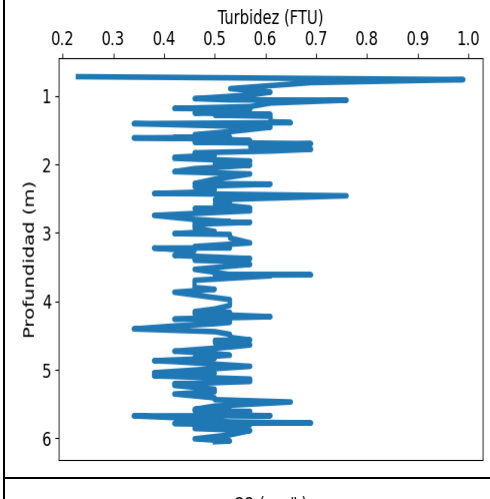
4.211	12.74	45.88	0.72	8.67	106.29	0.78	40.01
4.227	12.74	45.89	0.72	8.67	103.59	0.79	40.02
4.255	12.74	45.91	0.72	8.67	101.1	0.81	40.04
4.292	12.74	45.91	0.72	8.67	100.1	0.82	40.05
4.317	12.74	45.92	0.88	8.67	99.06	0.8	40.06
4.329	12.73	45.93	0.95	8.68	96.17	0.8	40.07
4.344	12.73	45.94	0.76	8.68	95.88	0.76	40.09
4.372	12.73	45.95	0.8	8.68	99.22	0.77	40.1
4.401	12.72	45.96	0.88	8.68	93.27	0.77	40.11
4.423	12.72	45.98	0.8	8.67	94.01	0.77	40.13
4.436	12.72	45.99	0.76	8.68	95.15	0.72	40.15
4.449	12.71	46.01	0.76	8.68	95.61	0.72	40.17
4.464	12.71	46.03	0.72	8.67	99.11	0.74	40.19
4.481	12.7	46.04	0.69	8.67	102.73	0.71	40.21
4.503	12.7	46.04	0.8	8.67	98.97	0.72	40.22
4.53	12.7	46.05	0.76	8.66	100.5	0.67	40.22
4.551	12.7	46.05	0.92	8.66	107.76	0.69	40.23
4.564	12.7	46.06	0.88	8.66	102.35	0.66	40.23
4.58	12.69	46.07	0.84	8.66	101.24	0.63	40.24
4.607	12.69	46.07	0.99	8.65	98.06	0.72	40.25
4.633	12.69	46.08	0.99	8.65	100.73	0.67	40.26
4.641	12.69	46.08	0.92	8.65	104.54	0.66	40.26
4.654	12.69	46.08	1.11	8.65	99.62	0.71	40.26
4.693	12.69	46.08	1.11	8.65	93.38	0.68	40.26
4.72	12.69	46.09	1.18	8.66	93.79	0.72	40.27

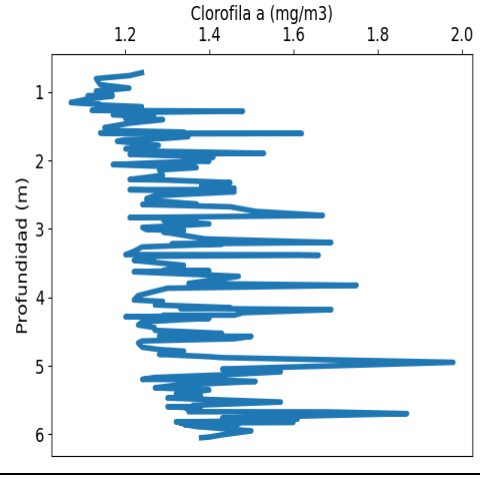
Nombre: CTD N5F - Punto 008 **Fecha: 08/01/2025** **Hora: 09:01:17**

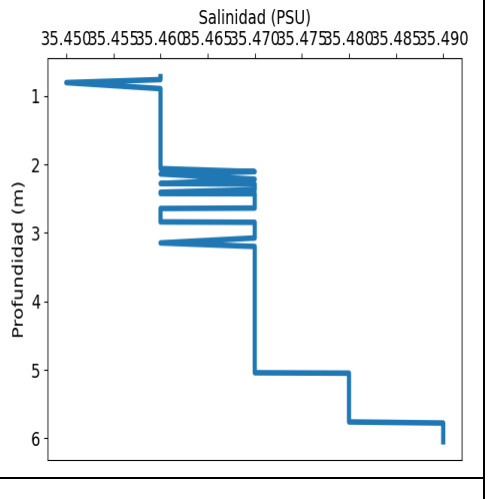


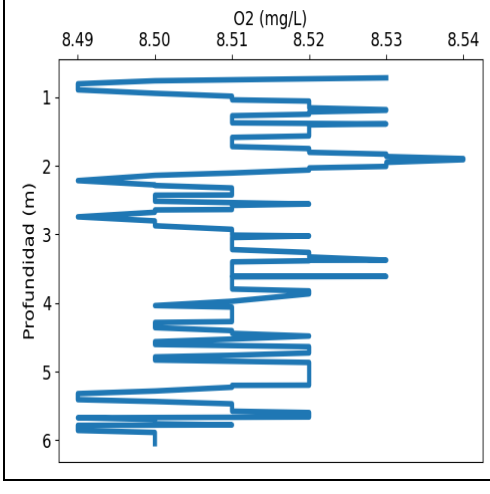


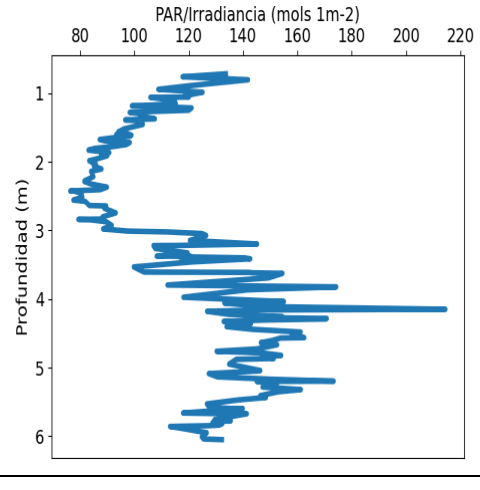


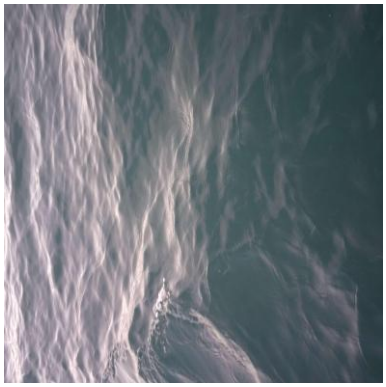












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.11	43.53	0.23	8.49	76.36	1.07	35.45
PROF (metros)	1.374	0.986	0.718	0.805	2.425	1.155	0.805
MÁXIMO	15.14	15.14	0.99	8.54	214.49	1.98	35.49
PROF (metros)	3.612	3.459	0.761	1.895	4.149	4.948	5.776

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.12	43.54	0.6	8.5	124.51	1.18	35.46
1 - 2m	15.12	43.54	0.53	8.52	99.3	1.24	35.46
2 - 3m	15.12	43.55	0.5	8.51	84.87	1.34	35.46
3 - 4m	15.13	43.56	0.5	8.51	125.63	1.36	35.47
4 - 5m	15.13	43.57	0.5	8.51	149.51	1.36	35.47
5 - 6m	15.12	43.56	0.5	8.51	136.82	1.43	35.48
6 - 7m	15.11	43.57	0.5	8.5	127.47	1.4	35.49

OBSERVACIONES GENERALES

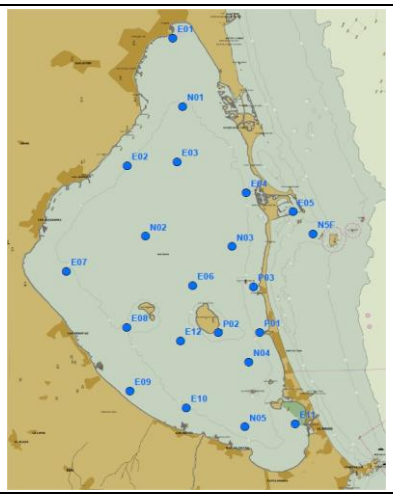
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.718	15.12	43.54	0.23	8.53	133.68	1.24	35.46
0.761	15.12	43.54	0.99	8.5	117.68	1.21	35.46
0.805	15.12	43.54	0.69	8.49	141.85	1.13	35.45
0.893	15.12	43.54	0.53	8.49	119.94	1.14	35.46
0.944	15.12	43.54	0.61	8.5	108.76	1.21	35.46
0.986	15.12	43.53	0.57	8.51	125.13	1.13	35.46
1.039	15.12	43.53	0.46	8.51	118.45	1.17	35.46
1.057	15.12	43.54	0.53	8.52	120.05	1.11	35.46
1.061	15.12	43.54	0.76	8.52	105.83	1.17	35.46
1.103	15.12	43.54	0.61	8.52	114.72	1.11	35.46
1.155	15.12	43.54	0.57	8.52	115.25	1.07	35.46
1.182	15.12	43.54	0.42	8.53	101.93	1.14	35.46
1.185	15.12	43.54	0.46	8.53	99.02	1.13	35.46
1.191	15.12	43.54	0.57	8.53	105.83	1.14	35.46
1.215	15.12	43.54	0.53	8.52	121.08	1.24	35.46
1.249	15.12	43.54	0.46	8.52	119.96	1.23	35.46
1.27	15.12	43.54	0.61	8.51	103.47	1.12	35.46
1.28	15.12	43.54	0.5	8.51	98.22	1.48	35.46
1.297	15.12	43.54	0.61	8.51	101.67	1.24	35.46
1.332	15.12	43.54	0.61	8.51	102.28	1.17	35.46
1.374	15.11	43.54	0.61	8.51	107.56	1.27	35.46
1.39	15.11	43.54	0.65	8.53	96.57	1.2	35.46
1.404	15.11	43.54	0.34	8.52	102.64	1.29	35.46
1.456	15.11	43.54	0.61	8.52	103.12	1.21	35.46
1.521	15.11	43.54	0.53	8.52	96.12	1.15	35.46
1.565	15.11	43.53	0.46	8.52	94.01	1.18	35.46
1.586	15.11	43.54	0.46	8.51	96.52	1.34	35.46
1.598	15.12	43.54	0.53	8.51	98.04	1.14	35.46
1.605	15.12	43.54	0.42	8.51	93.27	1.18	35.46
1.607	15.12	43.54	0.46	8.51	97.24	1.62	35.46
1.612	15.12	43.54	0.34	8.51	98.95	1.27	35.46
1.627	15.12	43.54	0.5	8.51	98.49	1.27	35.46
1.652	15.12	43.54	0.57	8.51	91.62	1.35	35.46
1.676	15.12	43.54	0.46	8.51	87.17	1.3	35.46
1.697	15.12	43.54	0.69	8.51	89.42	1.2	35.46

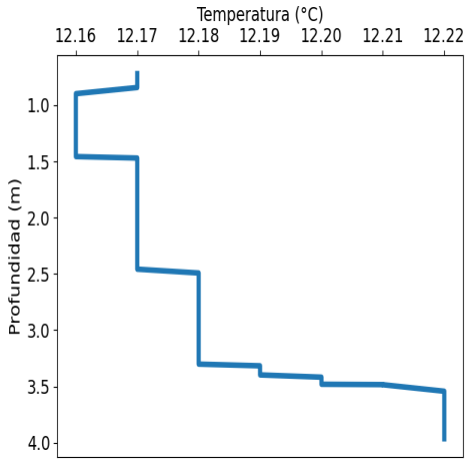
1.72	15.12	43.54	0.57	8.51	98.31	1.18	35.46
1.749	15.12	43.54	0.57	8.52	97.02	1.23	35.46
1.779	15.12	43.54	0.69	8.52	91.81	1.28	35.46
1.804	15.12	43.54	0.61	8.52	85.43	1.24	35.46
1.83	15.12	43.54	0.46	8.53	83.06	1.2	35.46
1.865	15.12	43.54	0.5	8.53	90.8	1.27	35.46
1.895	15.12	43.55	0.42	8.54	87.71	1.53	35.46
1.911	15.12	43.55	0.42	8.54	90.06	1.21	35.46
1.95	15.12	43.54	0.57	8.53	86.84	1.41	35.46
1.984	15.12	43.54	0.5	8.53	83.33	1.34	35.46
2.009	15.12	43.54	0.57	8.53	84.4	1.4	35.46
2.031	15.12	43.54	0.53	8.52	85.82	1.28	35.46
2.061	15.12	43.54	0.46	8.52	85.05	1.17	35.46
2.105	15.12	43.54	0.42	8.51	87.92	1.37	35.47
2.139	15.12	43.54	0.57	8.5	84.01	1.28	35.46
2.216	15.12	43.55	0.5	8.49	84.93	1.29	35.47
2.278	15.13	43.55	0.46	8.5	81.61	1.21	35.46
2.287	15.13	43.55	0.61	8.5	81.54	1.3	35.47
2.323	15.13	43.56	0.46	8.51	84.03	1.45	35.47
2.369	15.13	43.56	0.5	8.51	89.92	1.38	35.47
2.406	15.13	43.56	0.46	8.51	87.43	1.46	35.46
2.425	15.13	43.55	0.38	8.51	76.36	1.38	35.46
2.428	15.13	43.56	0.46	8.5	77.92	1.21	35.47
2.458	15.13	43.56	0.76	8.5	80.47	1.46	35.47
2.516	15.13	43.56	0.5	8.5	80.84	1.27	35.47
2.557	15.13	43.56	0.53	8.52	77.5	1.25	35.47
2.577	15.13	43.56	0.5	8.51	81.9	1.25	35.47
2.637	15.13	43.56	0.57	8.51	83.43	1.37	35.47
2.643	15.13	43.56	0.46	8.5	89.64	1.24	35.46
2.677	15.13	43.55	0.57	8.5	88.88	1.45	35.46
2.744	15.13	43.55	0.38	8.49	93.14	1.51	35.46
2.803	15.12	43.55	0.46	8.5	88.24	1.67	35.46
2.834	15.12	43.55	0.53	8.5	88.41	1.21	35.46
2.839	15.12	43.55	0.46	8.5	79.34	1.34	35.46
2.845	15.12	43.55	0.57	8.5	83.82	1.37	35.47
2.874	15.12	43.55	0.46	8.5	89.67	1.29	35.47
2.926	15.12	43.54	0.46	8.51	91.68	1.4	35.47
2.979	15.12	43.54	0.5	8.51	88.43	1.24	35.47
3.01	15.12	43.55	0.42	8.51	97.7	1.25	35.47
3.022	15.12	43.55	0.53	8.52	112.19	1.34	35.47
3.046	15.12	43.55	0.53	8.51	124.93	1.29	35.47
3.074	15.12	43.55	0.53	8.51	126.45	1.32	35.47
3.146	15.12	43.55	0.57	8.51	120.38	1.39	35.46
3.198	15.12	43.55	0.46	8.51	145.18	1.69	35.47
3.219	15.12	43.55	0.53	8.51	116.51	1.31	35.47
3.221	15.12	43.55	0.38	8.51	106.99	1.43	35.47
3.263	15.12	43.55	0.46	8.52	107.66	1.24	35.47
3.328	15.12	43.55	0.42	8.52	119.6	1.22	35.47
3.375	15.12	43.55	0.57	8.53	108.16	1.2	35.47
3.377	15.13	43.56	0.46	8.52	120.72	1.61	35.47
3.384	15.13	43.56	0.46	8.52	116.51	1.66	35.47
3.4	15.13	43.56	0.46	8.51	140.54	1.24	35.47
3.414	15.13	43.56	0.53	8.51	142.67	1.27	35.47
3.459	15.13	43.57	0.57	8.51	121.19	1.22	35.47
3.532	15.13	43.57	0.46	8.51	99.75	1.34	35.47
3.607	15.13	43.57	0.53	8.51	103.55	1.29	35.47
3.612	15.14	43.57	0.69	8.53	142.28	1.4	35.47
3.618	15.14	43.57	0.5	8.51	143.57	1.27	35.47

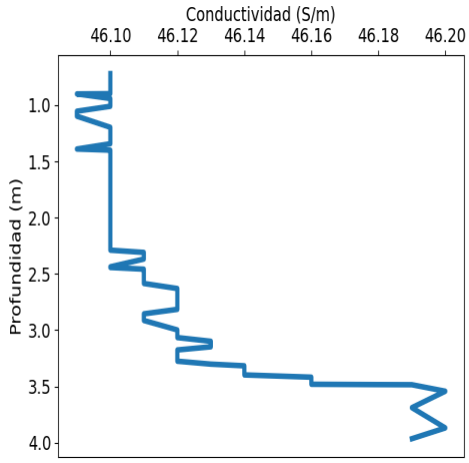
3.626	15.14	43.57	0.61	8.51	154.52	1.22	35.47
3.692	15.14	43.57	0.46	8.51	149.31	1.47	35.47
3.796	15.14	43.57	0.46	8.51	112.14	1.35	35.47
3.823	15.14	43.57	0.5	8.52	174.31	1.75	35.47
3.866	15.14	43.57	0.42	8.52	141.52	1.3	35.47
3.974	15.14	43.57	0.53	8.51	118.01	1.23	35.47
4.037	15.14	43.57	0.53	8.5	155.05	1.22	35.47
4.059	15.13	43.57	0.53	8.51	133.09	1.29	35.47
4.11	15.13	43.57	0.5	8.51	148.03	1.27	35.47
4.149	15.13	43.57	0.46	8.51	214.49	1.45	35.47
4.16	15.13	43.57	0.53	8.51	145.34	1.33	35.47
4.179	15.13	43.57	0.46	8.51	126.71	1.69	35.47
4.223	15.13	43.57	0.61	8.51	134.77	1.48	35.47
4.259	15.13	43.57	0.42	8.51	154.55	1.46	35.47
4.261	15.13	43.57	0.5	8.51	141.26	1.29	35.47
4.27	15.13	43.57	0.5	8.51	145.95	1.35	35.47
4.283	15.13	43.57	0.5	8.5	170.83	1.2	35.47
4.291	15.13	43.57	0.53	8.5	170.55	1.3	35.47
4.297	15.13	43.57	0.53	8.5	160.17	1.33	35.47
4.306	15.13	43.57	0.53	8.5	147.89	1.4	35.47
4.326	15.13	43.57	0.5	8.5	132.81	1.33	35.47
4.359	15.13	43.57	0.42	8.5	142.91	1.24	35.47
4.402	15.13	43.57	0.34	8.51	133.86	1.23	35.47
4.442	15.13	43.57	0.5	8.51	143.6	1.27	35.47
4.481	15.13	43.57	0.53	8.52	161.25	1.27	35.47
4.525	15.13	43.57	0.53	8.51	157.85	1.43	35.47
4.563	15.13	43.57	0.57	8.5	162.56	1.28	35.47
4.568	15.13	43.57	0.5	8.5	153.84	1.5	35.47
4.604	15.13	43.57	0.5	8.5	150.7	1.46	35.47
4.636	15.13	43.57	0.57	8.52	146.49	1.24	35.47
4.666	15.13	43.57	0.53	8.52	152.59	1.23	35.47
4.727	15.13	43.57	0.42	8.52	145.11	1.24	35.47
4.761	15.13	43.57	0.5	8.51	130.22	1.28	35.47
4.785	15.13	43.57	0.53	8.5	146.83	1.34	35.47
4.821	15.13	43.57	0.46	8.5	154.05	1.32	35.47
4.831	15.13	43.57	0.5	8.5	146.9	1.28	35.47
4.866	15.13	43.57	0.38	8.52	151.36	1.4	35.47
4.879	15.13	43.57	0.42	8.52	137.48	1.43	35.47
4.948	15.13	43.57	0.57	8.52	134.83	1.98	35.47
5.042	15.13	43.56	0.38	8.52	146.36	1.45	35.47
5.048	15.13	43.57	0.5	8.52	145.58	1.43	35.48
5.087	15.13	43.56	0.38	8.52	127.33	1.57	35.48
5.134	15.12	43.57	0.57	8.52	130.56	1.42	35.48
5.169	15.12	43.56	0.57	8.52	150.38	1.27	35.48
5.197	15.12	43.56	0.46	8.52	173.38	1.24	35.48
5.2	15.12	43.56	0.42	8.51	144.97	1.4	35.48
5.227	15.12	43.56	0.42	8.51	152.56	1.51	35.48
5.282	15.12	43.56	0.5	8.5	147.11	1.32	35.48
5.32	15.12	43.56	0.5	8.49	161.29	1.27	35.48
5.352	15.12	43.56	0.42	8.49	152.84	1.4	35.48
5.408	15.12	43.56	0.5	8.49	146.29	1.32	35.48
5.435	15.12	43.56	0.5	8.5	148.44	1.38	35.48
5.469	15.12	43.56	0.65	8.51	138.5	1.3	35.48
5.528	15.12	43.56	0.5	8.51	126.65	1.57	35.48
5.576	15.12	43.56	0.46	8.51	127.56	1.36	35.48
5.595	15.12	43.56	0.53	8.52	135.33	1.38	35.48
5.596	15.12	43.56	0.46	8.52	139.92	1.3	35.48
5.607	15.12	43.56	0.57	8.52	134.33	1.34	35.48

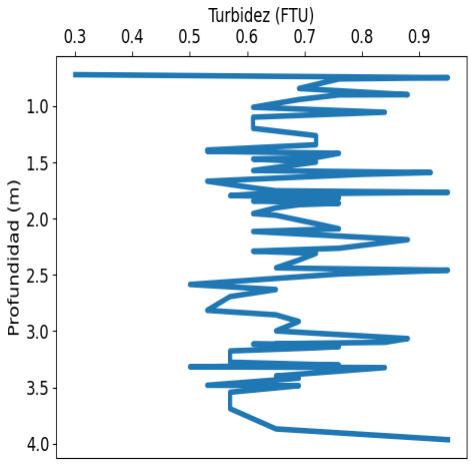
5.634	15.12	43.56	0.53	8.52	127.09	1.35	35.48
5.661	15.12	43.56	0.53	8.52	117.87	1.35	35.48
5.669	15.11	43.56	0.61	8.5	130.04	1.35	35.48
5.672	15.11	43.56	0.34	8.49	141.42	1.68	35.48
5.697	15.11	43.56	0.42	8.5	137.77	1.87	35.48
5.76	15.11	43.56	0.53	8.5	129.41	1.43	35.48
5.776	15.11	43.57	0.69	8.51	135.49	1.61	35.49
5.782	15.11	43.56	0.42	8.49	131.68	1.59	35.49
5.801	15.11	43.56	0.57	8.49	128.72	1.54	35.49
5.818	15.11	43.56	0.5	8.49	132.35	1.32	35.49
5.824	15.11	43.56	0.5	8.49	131.86	1.6	35.49
5.837	15.11	43.56	0.5	8.49	131.25	1.33	35.49
5.846	15.11	43.56	0.46	8.49	127.15	1.47	35.49
5.857	15.11	43.56	0.46	8.49	113.08	1.34	35.49
5.886	15.11	43.56	0.57	8.5	117.62	1.37	35.49
5.949	15.11	43.57	0.53	8.5	126.65	1.5	35.49
6.007	15.11	43.57	0.46	8.5	124.76	1.43	35.49
6.039	15.11	43.57	0.53	8.5	125.42	1.4	35.49
6.049	15.11	43.57	0.5	8.5	132.23	1.38	35.49

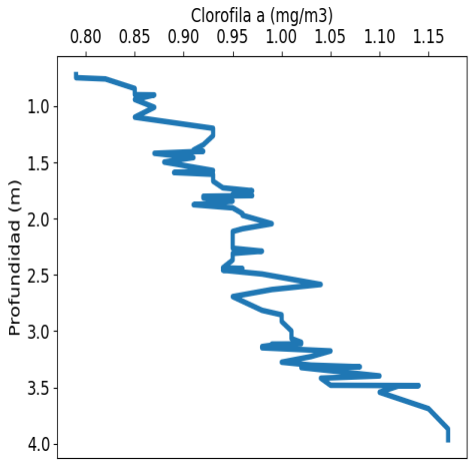
Nombre: CTD E04 - Punto 009 **Fecha: 08/01/2025** **Hora: 09:01:15**

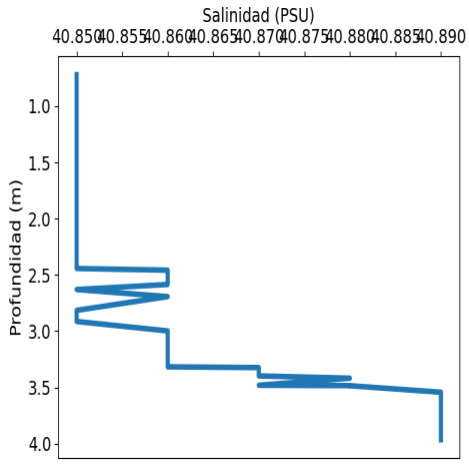


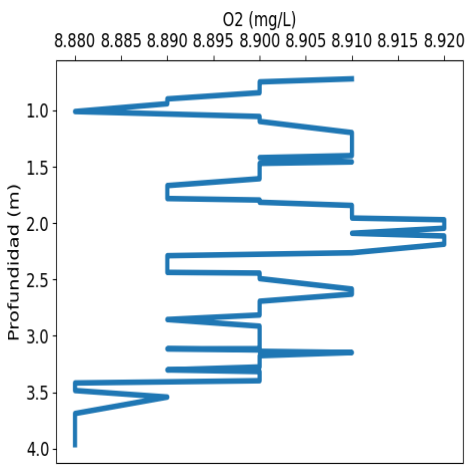


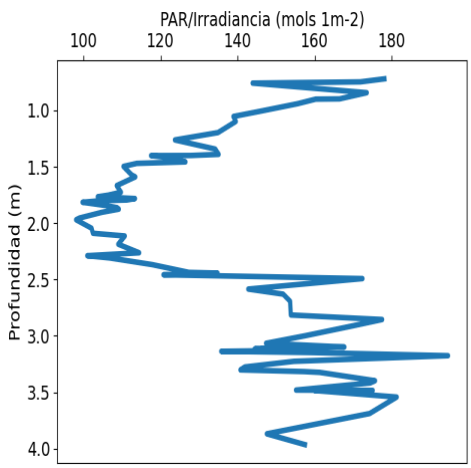


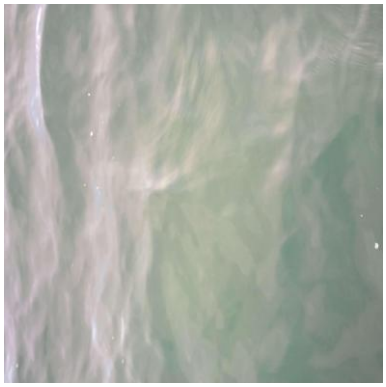












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.16	46.09	0.3	8.88	98.04	0.79	40.85
PROF (metros)	0.898	0.9	0.72	1.01	1.97	0.72	0.72
MÁXIMO	12.22	12.22	0.95	8.92	194.64	1.17	40.89
PROF (metros)	3.543	3.543	0.747	1.97	3.176	3.869	3.485

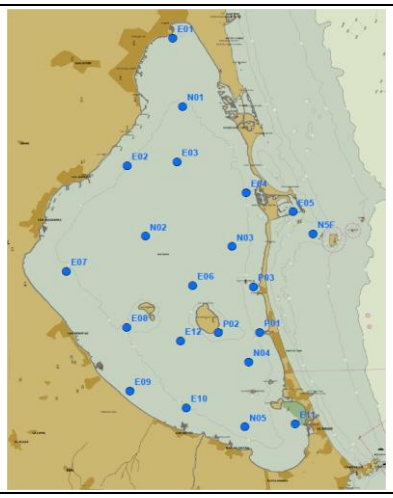
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.17	46.1	0.72	8.9	164.23	0.83	40.85
1 - 2m	12.17	46.1	0.67	8.9	116.35	0.92	40.85
2 - 3m	12.17	46.11	0.69	8.9	132.95	0.97	40.85
3 - 4m	12.19	46.15	0.68	8.89	159.49	1.05	40.87

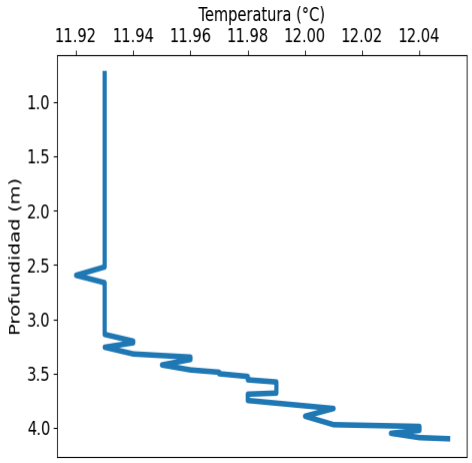
OBSERVACIONES GENERALES

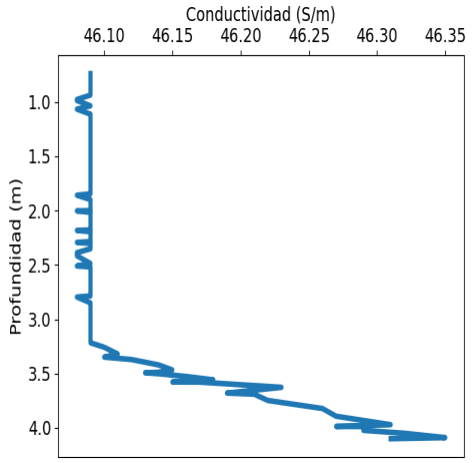
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.72	12.17	46.1	0.3	8.91	178.11	0.79	40.85
0.747	12.17	46.1	0.95	8.9	171.86	0.79	40.85
0.758	12.17	46.1	0.76	8.9	143.87	0.82	40.85
0.843	12.17	46.1	0.69	8.9	173.54	0.85	40.85
0.898	12.16	46.1	0.88	8.89	166.45	0.85	40.85
0.9	12.16	46.09	0.76	8.89	160.28	0.87	40.85
0.941	12.16	46.1	0.69	8.89	155.52	0.85	40.85
1.01	12.16	46.1	0.61	8.88	145.48	0.87	40.85
1.054	12.16	46.09	0.84	8.9	138.89	0.86	40.85
1.098	12.16	46.09	0.61	8.9	139.54	0.85	40.85
1.197	12.16	46.1	0.61	8.91	134.89	0.93	40.85
1.262	12.16	46.1	0.72	8.91	123.69	0.93	40.85
1.343	12.16	46.1	0.72	8.91	134.18	0.92	40.85
1.39	12.16	46.09	0.53	8.91	135.08	0.91	40.85
1.4	12.16	46.1	0.57	8.91	127.89	0.91	40.85
1.401	12.16	46.1	0.53	8.91	117.49	0.92	40.85
1.419	12.16	46.1	0.76	8.9	122.13	0.87	40.85
1.457	12.16	46.1	0.72	8.91	126.47	0.91	40.85
1.47	12.17	46.1	0.61	8.9	113.82	0.9	40.85
1.497	12.17	46.1	0.72	8.9	110.34	0.88	40.85
1.572	12.17	46.1	0.61	8.9	112.48	0.93	40.85
1.59	12.17	46.1	0.92	8.9	113.45	0.89	40.85
1.606	12.17	46.1	0.8	8.9	112.43	0.93	40.85
1.667	12.17	46.1	0.53	8.89	108.59	0.93	40.85
1.726	12.17	46.1	0.61	8.89	109.72	0.94	40.85
1.752	12.17	46.1	0.65	8.89	106.37	0.97	40.85
1.766	12.17	46.1	0.95	8.89	103.67	0.96	40.85
1.782	12.17	46.1	0.61	8.89	113.37	0.95	40.85
1.795	12.17	46.1	0.57	8.9	111.23	0.97	40.85
1.801	12.17	46.1	0.65	8.9	104.39	0.92	40.85
1.815	12.17	46.1	0.76	8.9	99.71	0.92	40.85
1.843	12.17	46.1	0.61	8.91	105.58	0.95	40.85
1.863	12.17	46.1	0.76	8.91	108.71	0.93	40.85
1.876	12.17	46.1	0.69	8.91	109.17	0.91	40.85
1.904	12.17	46.1	0.65	8.91	104.75	0.95	40.85
1.955	12.17	46.1	0.61	8.91	98.92	0.96	40.85
1.97	12.17	46.1	0.65	8.92	98.04	0.96	40.85
2.045	12.17	46.1	0.72	8.92	102.07	0.99	40.85

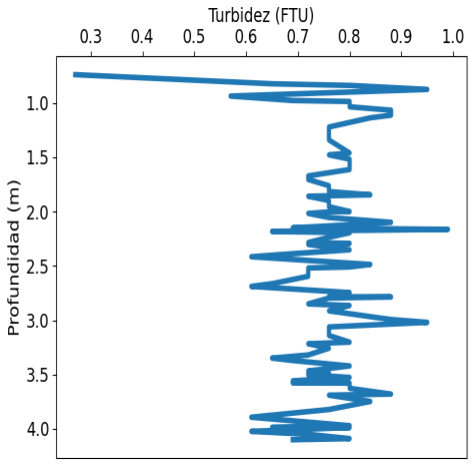
2.09	12.17	46.1	0.76	8.91	102.42	0.96	40.85
2.114	12.17	46.1	0.61	8.92	110.72	0.95	40.85
2.187	12.17	46.1	0.88	8.92	108.99	0.95	40.85
2.263	12.17	46.1	0.76	8.91	114.45	0.95	40.85
2.289	12.17	46.1	0.61	8.89	100.94	0.98	40.85
2.309	12.17	46.11	0.72	8.89	106.79	0.95	40.85
2.368	12.17	46.11	0.69	8.89	117.82	0.95	40.85
2.437	12.17	46.1	0.65	8.89	127.33	0.94	40.85
2.443	12.17	46.1	0.72	8.9	134.8	0.96	40.85
2.458	12.17	46.11	0.95	8.9	120.72	0.94	40.86
2.492	12.18	46.11	0.76	8.9	172.42	0.98	40.86
2.585	12.18	46.11	0.5	8.91	142.74	1.04	40.86
2.63	12.18	46.12	0.65	8.91	151.82	0.99	40.85
2.693	12.18	46.12	0.57	8.9	153.62	0.95	40.86
2.815	12.18	46.12	0.53	8.9	153.8	0.98	40.85
2.855	12.18	46.11	0.65	8.89	177.53	1.0	40.85
2.914	12.18	46.11	0.69	8.9	169.49	1.0	40.85
2.998	12.18	46.12	0.65	8.9	157.66	1.01	40.86
3.066	12.18	46.12	0.88	8.9	147.35	1.01	40.86
3.099	12.18	46.13	0.84	8.9	167.73	1.02	40.86
3.112	12.18	46.13	0.65	8.9	146.26	1.02	40.86
3.114	12.18	46.13	0.69	8.9	153.34	1.01	40.86
3.115	12.18	46.13	0.61	8.89	144.44	0.99	40.86
3.125	12.18	46.13	0.72	8.9	162.83	0.99	40.86
3.137	12.18	46.13	0.76	8.9	135.71	0.98	40.86
3.148	12.18	46.13	0.72	8.91	159.21	0.98	40.86
3.176	12.18	46.12	0.57	8.9	194.64	1.05	40.86
3.226	12.18	46.12	0.57	8.9	154.59	1.03	40.86
3.276	12.18	46.12	0.57	8.9	141.88	1.0	40.86
3.302	12.18	46.13	0.76	8.89	140.7	1.03	40.86
3.317	12.19	46.14	0.5	8.9	157.3	1.08	40.86
3.324	12.19	46.14	0.84	8.9	161.29	1.02	40.87
3.398	12.19	46.14	0.65	8.9	175.69	1.1	40.87
3.418	12.2	46.16	0.69	8.88	174.39	1.04	40.88
3.481	12.2	46.16	0.53	8.88	155.13	1.05	40.87
3.484	12.21	46.18	0.69	8.88	175.08	1.14	40.88
3.485	12.21	46.19	0.69	8.88	160.02	1.12	40.88
3.543	12.22	46.2	0.57	8.89	181.31	1.1	40.89
3.689	12.22	46.19	0.57	8.88	174.27	1.15	40.89
3.869	12.22	46.2	0.65	8.88	147.55	1.17	40.89
3.965	12.22	46.19	0.95	8.88	157.48	1.17	40.89

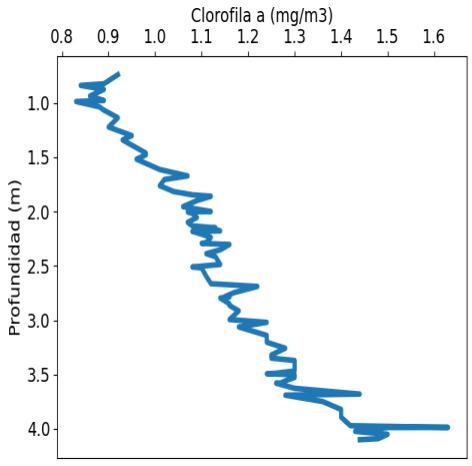
Nombre: CTD N03 - Punto 010 **Fecha: 08/01/2025** **Hora: 10:01:44**

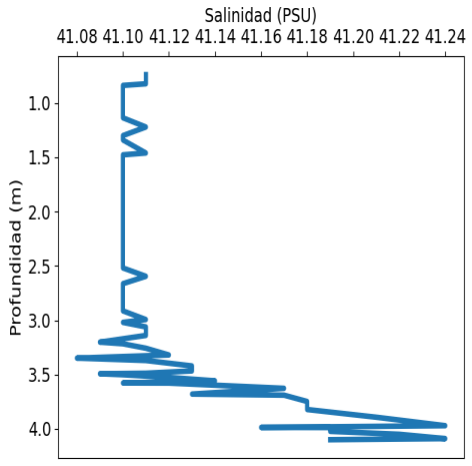


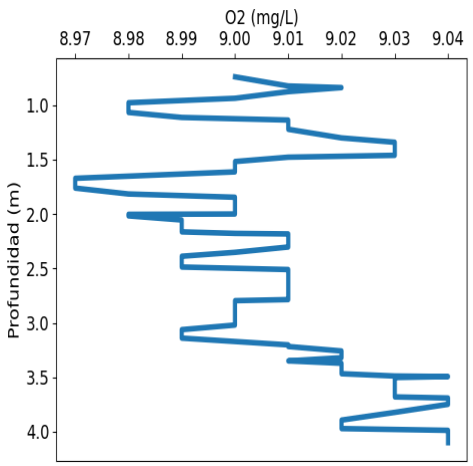


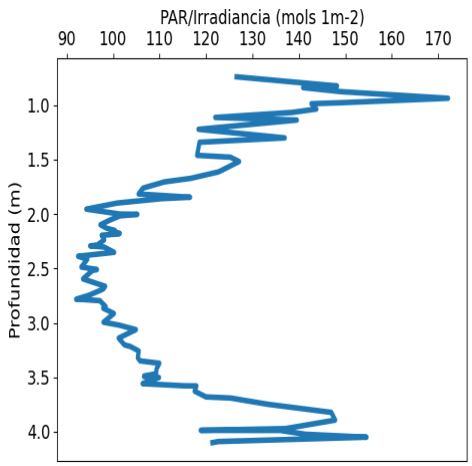


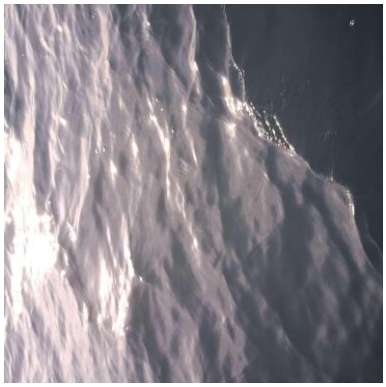












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.92	46.08	0.27	8.97	92.0	0.83	41.08
PROF (metros)	2.596	0.978	0.74	1.672	2.783	0.987	3.349
MÁXIMO	12.05	12.05	0.99	9.04	172.1	1.63	41.24
PROF (metros)	4.1	4.09	2.164	3.493	0.937	3.987	3.971

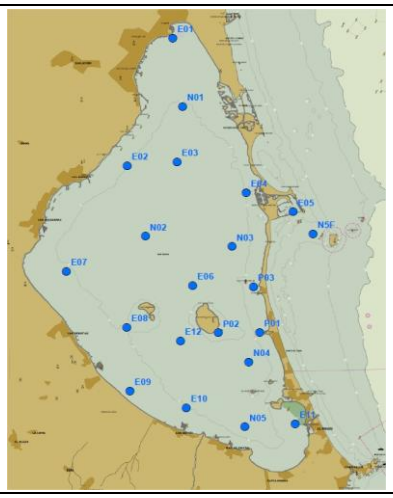
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.93	46.09	0.68	9.0	146.9	0.87	41.1
1 - 2m	11.93	46.09	0.78	9.0	119.6	0.99	41.1
2 - 3m	11.93	46.09	0.76	9.0	97.68	1.12	41.1
3 - 4m	11.97	46.17	0.76	9.02	115.26	1.31	41.13
4 - 5m	12.04	46.32	0.7	9.04	134.97	1.46	41.21

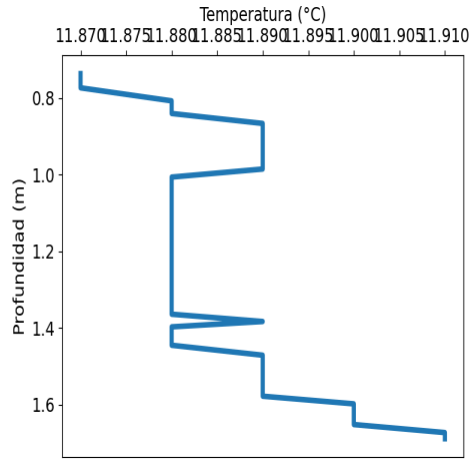
OBSERVACIONES GENERALES

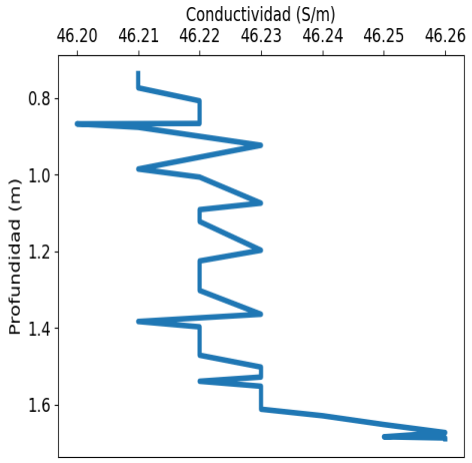
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.74	11.93	46.09	0.27	9.0	126.56	0.92	41.11
0.824	11.93	46.09	0.65	9.01	148.2	0.89	41.11
0.839	11.93	46.09	0.8	9.02	140.87	0.84	41.1
0.876	11.93	46.09	0.95	9.01	148.99	0.89	41.1
0.937	11.93	46.09	0.57	9.0	172.1	0.86	41.1
0.978	11.93	46.08	0.69	8.98	148.89	0.89	41.1
0.987	11.93	46.08	0.8	8.98	142.67	0.83	41.1
1.036	11.93	46.09	0.8	8.98	143.74	0.88	41.1
1.067	11.93	46.08	0.88	8.98	138.5	0.89	41.1
1.113	11.93	46.09	0.88	8.99	121.96	0.91	41.1
1.137	11.93	46.09	0.84	9.01	139.54	0.92	41.1
1.222	11.93	46.09	0.76	9.01	118.36	0.9	41.11
1.301	11.93	46.09	0.76	9.02	136.94	0.95	41.1
1.341	11.93	46.09	0.76	9.03	118.58	0.93	41.1
1.461	11.93	46.09	0.8	9.03	118.06	0.98	41.11
1.478	11.93	46.09	0.76	9.01	125.22	0.98	41.1
1.518	11.93	46.09	0.8	9.0	127.12	0.96	41.1
1.613	11.93	46.09	0.8	9.0	122.69	1.01	41.1
1.672	11.93	46.09	0.72	8.97	116.73	1.07	41.1
1.705	11.93	46.09	0.72	8.97	111.03	1.02	41.1
1.762	11.93	46.09	0.76	8.97	106.42	1.01	41.1
1.816	11.93	46.09	0.76	8.98	105.46	1.04	41.1
1.846	11.93	46.09	0.84	9.0	116.57	1.08	41.1
1.859	11.93	46.08	0.72	9.0	110.41	1.12	41.1
1.899	11.93	46.09	0.76	9.0	100.94	1.09	41.1
1.955	11.93	46.09	0.76	9.0	94.2	1.06	41.1
2.0	11.93	46.09	0.8	9.0	101.39	1.12	41.1
2.003	11.93	46.08	0.76	8.98	105.22	1.07	41.1
2.017	11.93	46.09	0.72	8.98	101.46	1.08	41.1
2.055	11.93	46.09	0.76	8.99	99.32	1.09	41.1
2.099	11.93	46.09	0.88	8.99	97.24	1.07	41.1
2.132	11.93	46.09	0.76	8.99	98.65	1.08	41.1
2.15	11.93	46.09	0.69	8.99	100.33	1.13	41.1
2.164	11.93	46.09	0.99	8.99	100.36	1.1	41.1
2.178	11.93	46.09	0.72	9.0	101.43	1.14	41.1
2.183	11.93	46.08	0.65	9.01	101.22	1.08	41.1
2.195	11.93	46.09	0.8	9.01	97.51	1.09	41.1

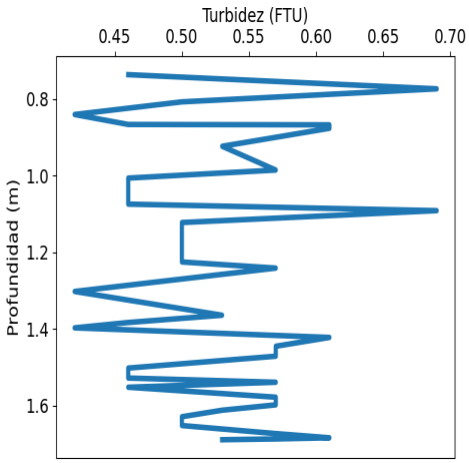
2.237	11.93	46.09	0.76	9.01	98.08	1.12	41.1
2.285	11.93	46.09	0.72	9.01	96.55	1.11	41.1
2.293	11.93	46.08	0.8	9.01	95.02	1.1	41.1
2.303	11.93	46.09	0.72	9.01	98.04	1.16	41.1
2.352	11.93	46.09	0.8	9.0	100.22	1.14	41.1
2.388	11.93	46.08	0.69	8.99	92.43	1.11	41.1
2.416	11.93	46.08	0.61	8.99	94.44	1.13	41.1
2.487	11.93	46.09	0.84	8.99	93.14	1.14	41.1
2.51	11.93	46.08	0.8	9.01	96.52	1.08	41.1
2.519	11.93	46.09	0.72	9.01	95.54	1.1	41.1
2.596	11.92	46.09	0.72	9.01	93.49	1.11	41.11
2.664	11.93	46.09	0.65	9.01	98.28	1.12	41.1
2.689	11.93	46.09	0.61	9.01	97.85	1.22	41.1
2.746	11.93	46.09	0.8	9.01	94.8	1.17	41.1
2.783	11.93	46.09	0.76	9.01	92.0	1.15	41.1
2.786	11.93	46.09	0.88	9.01	93.75	1.16	41.1
2.796	11.93	46.08	0.76	9.0	97.13	1.14	41.1
2.85	11.93	46.09	0.72	9.0	98.38	1.16	41.1
2.865	11.93	46.09	0.8	9.0	97.83	1.16	41.1
2.914	11.93	46.09	0.76	9.0	100.17	1.18	41.1
2.994	11.93	46.09	0.88	9.0	97.9	1.16	41.11
3.02	11.93	46.09	0.95	9.0	101.2	1.24	41.1
3.062	11.93	46.09	0.76	8.99	104.9	1.18	41.11
3.14	11.93	46.09	0.76	8.99	101.17	1.24	41.11
3.202	11.94	46.09	0.8	9.01	102.42	1.24	41.09
3.217	11.94	46.09	0.72	9.01	103.69	1.25	41.1
3.258	11.93	46.1	0.76	9.02	105.51	1.28	41.11
3.32	11.94	46.11	0.72	9.02	105.29	1.25	41.12
3.349	11.96	46.1	0.65	9.01	105.78	1.25	41.08
3.371	11.96	46.12	0.69	9.02	109.95	1.3	41.11
3.421	11.95	46.14	0.8	9.02	109.34	1.3	41.13
3.467	11.96	46.15	0.72	9.02	109.24	1.3	41.13
3.488	11.97	46.14	0.76	9.03	106.64	1.26	41.11
3.493	11.97	46.13	0.72	9.04	106.62	1.24	41.09
3.502	11.97	46.14	0.72	9.03	109.88	1.3	41.1
3.527	11.98	46.16	0.8	9.03	108.18	1.3	41.12
3.558	11.98	46.18	0.69	9.03	106.32	1.28	41.14
3.578	11.99	46.15	0.69	9.03	115.2	1.27	41.1
3.579	11.99	46.17	0.8	9.03	117.92	1.26	41.12
3.627	11.99	46.23	0.8	9.03	117.52	1.3	41.17
3.68	11.99	46.19	0.88	9.03	119.96	1.44	41.13
3.69	11.98	46.21	0.76	9.04	125.22	1.28	41.17
3.748	11.98	46.22	0.84	9.04	133.34	1.36	41.18
3.822	12.01	46.26	0.76	9.03	146.94	1.4	41.18
3.893	12.0	46.27	0.61	9.02	147.79	1.4	41.21
3.971	12.01	46.31	0.8	9.02	137.1	1.42	41.24
3.987	12.04	46.27	0.65	9.04	118.83	1.63	41.16
3.988	12.04	46.29	0.8	9.04	135.99	1.5	41.19
4.023	12.04	46.29	0.61	9.04	141.36	1.43	41.19
4.05	12.03	46.32	0.72	9.04	154.55	1.5	41.22
4.09	12.04	46.35	0.8	9.04	122.61	1.48	41.24
4.1	12.05	46.31	0.69	9.04	121.36	1.44	41.19

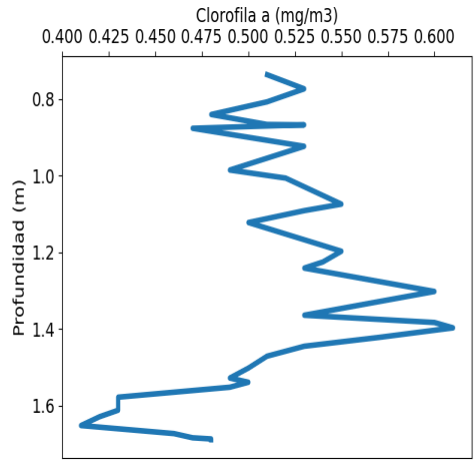
Nombre: CTD P03 - Punto 011 **Fecha: 08/01/2025** **Hora: 10:01:18**

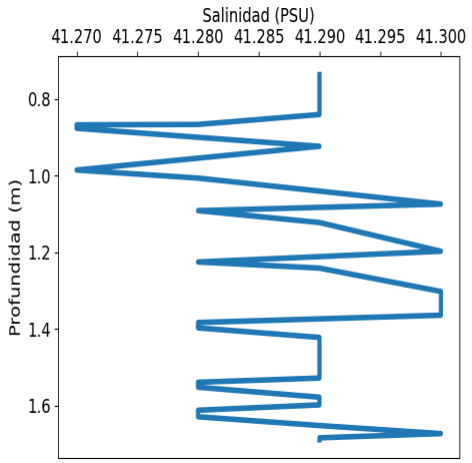


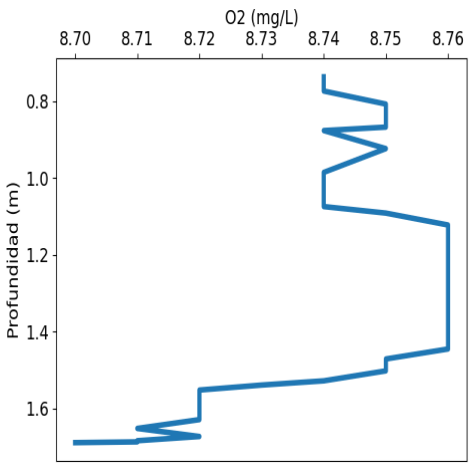


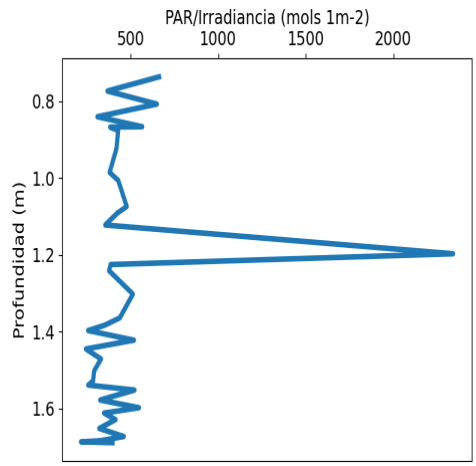


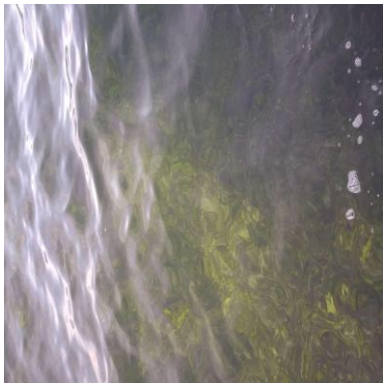












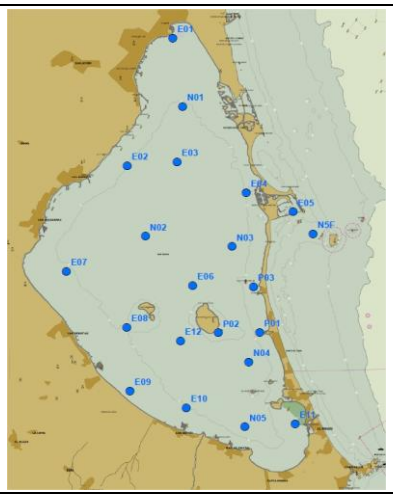
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.87	46.2	0.42	8.7	216.14	0.41	41.27
PROF (metros)	0.736	0.867	0.84	1.689	1.687	1.652	0.867
MÁXIMO	11.91	11.91	0.69	8.76	2341.5	0.61	41.3
PROF (metros)	1.673	1.673	0.773	1.122	1.197	1.397	1.074

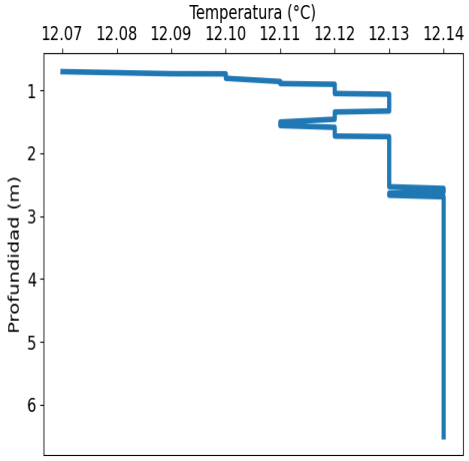
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.88	46.21	0.54	8.75	462.94	0.51	41.28
1 - 2m	11.89	46.23	0.52	8.74	450.31	0.51	41.29

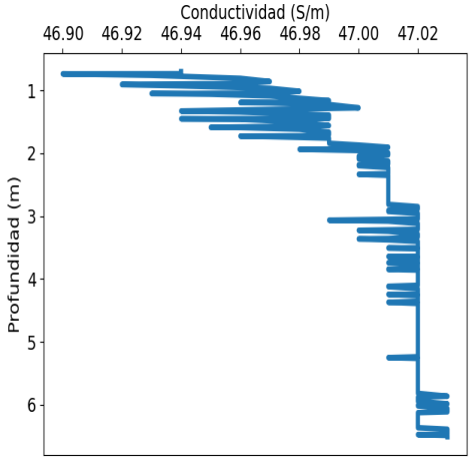
OBSERVACIONES GENERALES

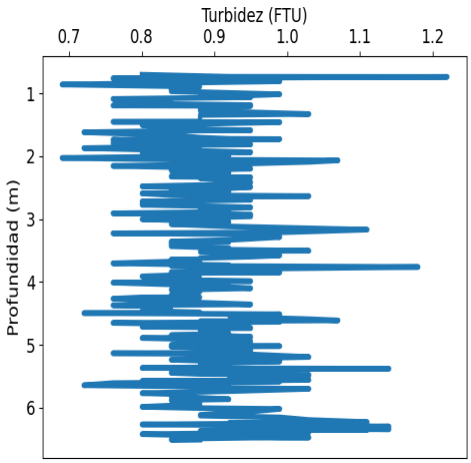
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.736	11.87	46.21	0.46	8.74	662.54	0.51	41.29
0.773	11.87	46.21	0.69	8.74	367.23	0.53	41.29
0.807	11.88	46.22	0.5	8.75	650.07	0.51	41.29
0.84	11.88	46.22	0.42	8.75	309.92	0.48	41.29
0.866	11.89	46.22	0.46	8.75	566.46	0.51	41.28
0.867	11.89	46.2	0.61	8.75	382.69	0.53	41.27
0.876	11.89	46.21	0.61	8.74	428.72	0.47	41.27
0.923	11.89	46.23	0.53	8.75	419.0	0.53	41.29
0.985	11.89	46.21	0.57	8.74	379.87	0.49	41.27
1.006	11.88	46.22	0.46	8.74	429.32	0.52	41.28
1.074	11.88	46.23	0.46	8.74	477.73	0.55	41.3
1.091	11.88	46.22	0.69	8.75	423.78	0.53	41.28
1.122	11.88	46.22	0.5	8.76	354.84	0.5	41.29
1.197	11.88	46.23	0.5	8.76	2341.5	0.55	41.3
1.225	11.88	46.22	0.5	8.76	385.54	0.54	41.28
1.241	11.88	46.22	0.57	8.76	376.71	0.53	41.29
1.302	11.88	46.22	0.42	8.76	512.96	0.6	41.3
1.364	11.88	46.23	0.53	8.76	437.86	0.53	41.3
1.383	11.89	46.21	0.46	8.76	352.3	0.6	41.28
1.397	11.88	46.22	0.42	8.76	256.81	0.61	41.28
1.422	11.88	46.22	0.61	8.76	519.18	0.57	41.29
1.445	11.88	46.22	0.57	8.76	244.33	0.53	41.29
1.471	11.89	46.22	0.57	8.75	330.78	0.51	41.29
1.502	11.89	46.23	0.46	8.75	291.59	0.5	41.29
1.528	11.89	46.23	0.46	8.74	285.51	0.49	41.29
1.539	11.89	46.22	0.57	8.73	257.65	0.5	41.28
1.552	11.89	46.23	0.46	8.72	522.08	0.49	41.28
1.578	11.89	46.23	0.57	8.72	325.76	0.43	41.29
1.598	11.9	46.23	0.57	8.72	547.74	0.43	41.29
1.612	11.9	46.23	0.53	8.72	348.0	0.43	41.28
1.629	11.9	46.24	0.5	8.72	413.98	0.42	41.28
1.652	11.9	46.25	0.5	8.71	320.51	0.41	41.29
1.673	11.91	46.26	0.57	8.72	461.09	0.46	41.3
1.684	11.91	46.25	0.61	8.71	327.95	0.47	41.29
1.687	11.91	46.26	0.57	8.71	216.14	0.48	41.29
1.689	11.91	46.26	0.53	8.7	396.78	0.48	41.29

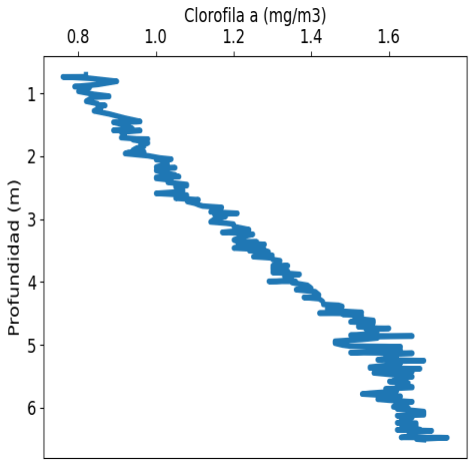
Nombre: CTD E06 - Punto 012 **Fecha: 08/01/2025** **Hora: 10:01:22**

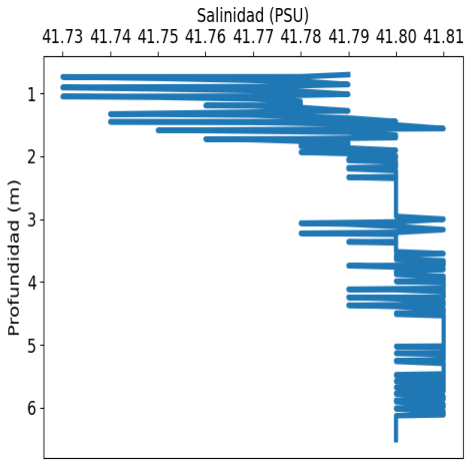


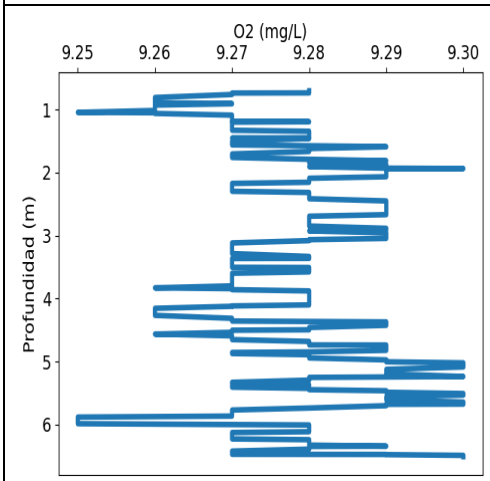


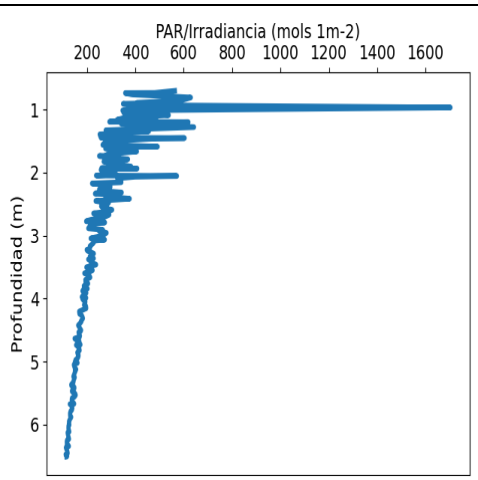












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.07	46.9	0.69	9.25	112.27	0.76	41.73
PROF (metros)	0.703	0.738	0.86	1.045	6.476	0.738	0.738
MÁXIMO	12.14	12.14	1.22	9.3	1702.5	1.75	41.81
PROF (metros)	2.561	5.867	0.738	1.937	0.968	6.479	1.561

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.11	46.94	0.87	9.27	568.03	0.82	41.76
1 - 2m	12.12	46.98	0.87	9.28	363.97	0.91	41.78
2 - 3m	12.13	47.01	0.88	9.28	282.05	1.06	41.8
3 - 4m	12.14	47.02	0.9	9.27	208.45	1.27	41.8
4 - 5m	12.14	47.02	0.88	9.28	170.49	1.49	41.8
5 - 6m	12.14	47.02	0.9	9.28	142.47	1.61	41.81
6 - 7m	12.14	47.02	0.96	9.28	119.78	1.67	41.8

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	12.07	46.94	0.8	9.28	563.44	0.82	41.79
0.736	12.09	46.94	0.92	9.28	480.39	0.82	41.78
0.738	12.1	46.9	1.22	9.27	358.15	0.76	41.73
0.761	12.1	46.93	0.76	9.27	387.69	0.83	41.75
0.809	12.1	46.96	0.99	9.26	629.46	0.9	41.78
0.86	12.11	46.97	0.69	9.26	584.33	0.85	41.79
0.893	12.11	46.96	0.88	9.26	407.03	0.79	41.77
0.904	12.12	46.92	0.84	9.27	408.45	0.82	41.73
0.909	12.12	46.92	0.84	9.27	349.46	0.83	41.73
0.929	12.12	46.94	0.84	9.26	377.41	0.82	41.75
0.968	12.12	46.97	0.84	9.26	1702.5	0.8	41.78
1.015	12.12	46.98	0.99	9.26	347.04	0.84	41.79
1.045	12.12	46.97	0.92	9.25	533.82	0.88	41.77
1.051	12.12	46.93	0.88	9.26	351.9	0.88	41.73
1.062	12.13	46.95	0.95	9.26	473.43	0.84	41.75
1.089	12.13	46.97	0.76	9.27	538.3	0.83	41.77
1.126	12.13	46.98	0.84	9.27	359.81	0.82	41.78
1.164	12.13	46.99	0.8	9.27	324.33	0.85	41.78
1.187	12.13	46.98	0.95	9.27	490.18	0.85	41.78
1.194	12.13	46.96	0.76	9.28	293.02	0.87	41.76
1.2	12.13	46.97	0.95	9.27	619.33	0.85	41.77
1.226	12.13	46.99	0.88	9.27	341.53	0.86	41.78
1.279	12.13	47.0	0.88	9.27	642.58	0.84	41.79
1.329	12.13	46.94	1.03	9.27	277.81	0.88	41.74
1.345	12.12	46.96	0.88	9.28	455.98	0.89	41.77
1.394	12.12	46.99	0.88	9.28	253.03	0.92	41.79
1.448	12.12	46.99	0.88	9.28	257.89	0.96	41.8
1.453	12.12	46.94	0.76	9.27	603.88	0.95	41.74
1.46	12.12	46.96	0.99	9.28	486.56	0.89	41.77
1.504	12.11	46.98	0.8	9.27	278.58	0.92	41.8
1.561	12.11	46.99	0.84	9.27	265.04	0.94	41.81
1.589	12.12	46.95	0.95	9.29	492.34	0.89	41.75
1.592	12.12	46.96	0.88	9.29	278.97	0.96	41.76
1.619	12.12	46.98	0.72	9.28	276.26	0.91	41.79
1.665	12.12	46.99	0.84	9.28	406.56	0.92	41.8

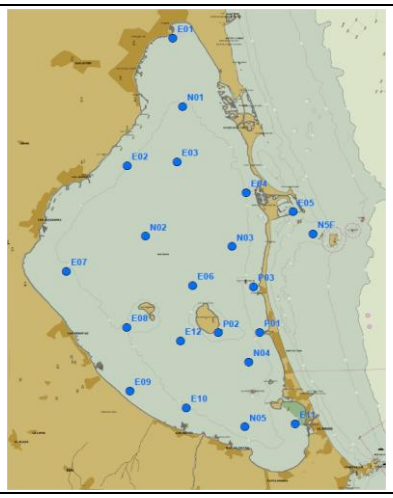
1.705	12.12	46.99	0.88	9.27	293.29	0.91	41.8
1.724	12.12	46.98	0.92	9.27	279.36	0.95	41.78
1.728	12.12	46.96	0.99	9.27	331.62	0.98	41.76
1.737	12.13	46.97	0.76	9.27	250.81	0.94	41.77
1.761	12.13	46.99	0.8	9.27	292.14	0.96	41.78
1.79	12.13	46.99	0.76	9.28	369.79	0.98	41.79
1.813	12.13	46.99	0.95	9.29	315.36	0.96	41.79
1.826	12.13	46.99	0.84	9.28	269.25	0.97	41.78
1.843	12.13	46.99	0.88	9.28	293.97	0.97	41.78
1.871	12.13	47.0	0.72	9.29	329.71	0.95	41.79
1.906	12.13	47.01	0.84	9.28	382.78	0.94	41.8
1.931	12.13	47.0	0.92	9.29	260.11	0.97	41.79
1.937	12.13	46.98	0.95	9.3	408.07	0.97	41.78
1.938	12.13	46.98	0.8	9.29	300.65	0.93	41.78
1.958	12.13	47.0	0.92	9.29	257.41	0.92	41.79
1.994	12.13	47.01	0.92	9.29	276.39	0.98	41.8
2.028	12.13	47.01	0.69	9.29	321.03	1.01	41.8
2.047	12.13	47.0	0.8	9.29	238.01	1.04	41.79
2.055	12.13	47.0	0.88	9.29	572.13	1.0	41.79
2.067	12.13	47.0	1.07	9.29	399.0	1.02	41.79
2.091	12.13	47.0	1.03	9.28	325.3	1.03	41.8
2.125	12.13	47.01	0.92	9.28	340.98	1.03	41.8
2.155	12.13	47.01	0.76	9.28	342.24	1.01	41.8
2.173	12.13	47.01	0.84	9.27	221.15	1.0	41.8
2.184	12.13	47.0	0.84	9.27	261.86	1.05	41.79
2.199	12.13	47.0	0.95	9.27	286.44	1.02	41.79
2.228	12.13	47.01	0.84	9.27	297.33	1.0	41.8
2.265	12.13	47.01	0.92	9.27	250.93	1.02	41.8
2.298	12.13	47.01	0.88	9.27	279.74	1.05	41.8
2.317	12.13	47.01	0.84	9.28	343.59	1.05	41.8
2.326	12.13	47.01	0.84	9.28	237.63	1.06	41.8
2.336	12.13	47.0	0.95	9.28	233.37	1.0	41.79
2.353	12.13	47.01	0.88	9.28	333.4	1.0	41.8
2.381	12.13	47.01	0.92	9.28	276.26	1.04	41.8
2.416	12.13	47.01	0.95	9.28	376.8	1.03	41.8
2.451	12.13	47.01	0.92	9.29	236.15	1.08	41.8
2.469	12.13	47.01	0.84	9.29	263.63	1.08	41.8
2.479	12.13	47.01	0.8	9.29	290.65	1.05	41.8
2.49	12.13	47.01	0.95	9.29	277.87	1.05	41.8
2.51	12.13	47.01	0.92	9.29	283.73	1.06	41.8
2.534	12.13	47.01	0.84	9.29	258.73	1.07	41.8
2.561	12.14	47.01	0.92	9.29	266.52	1.07	41.8
2.592	12.14	47.01	0.8	9.29	304.23	1.0	41.8
2.619	12.14	47.01	0.84	9.29	282.74	1.08	41.8
2.635	12.13	47.01	1.03	9.29	256.04	1.08	41.8
2.649	12.13	47.01	0.88	9.29	226.92	1.06	41.8
2.669	12.13	47.01	0.88	9.29	292.27	1.05	41.8
2.694	12.14	47.01	0.95	9.28	279.36	1.11	41.8
2.721	12.14	47.01	0.8	9.28	262.84	1.08	41.8
2.749	12.14	47.01	0.88	9.28	217.09	1.1	41.8
2.774	12.14	47.01	0.8	9.28	196.73	1.11	41.8
2.793	12.14	47.01	0.88	9.28	274.67	1.12	41.8
2.815	12.14	47.01	0.95	9.28	223.83	1.17	41.8
2.85	12.14	47.02	0.88	9.28	212.17	1.16	41.8
2.886	12.14	47.02	0.92	9.29	205.77	1.14	41.8
2.909	12.14	47.01	0.76	9.29	265.78	1.21	41.8
2.927	12.14	47.01	0.95	9.28	250.29	1.15	41.8
2.958	12.14	47.02	0.95	9.29	281.04	1.18	41.8

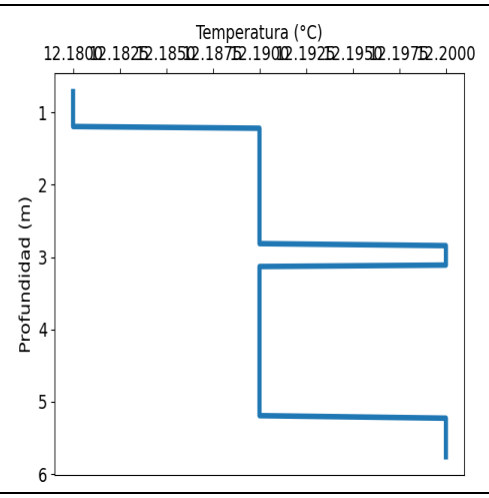
3.002	12.14	47.02	0.8	9.29	264.12	1.15	41.81
3.046	12.14	47.02	0.92	9.29	215.79	1.14	41.8
3.066	12.14	46.99	0.88	9.28	274.16	1.18	41.78
3.081	12.14	47.01	0.84	9.28	230.41	1.2	41.79
3.118	12.14	47.02	0.92	9.27	227.34	1.2	41.8
3.169	12.14	47.02	1.11	9.27	212.41	1.24	41.81
3.212	12.14	47.02	0.99	9.27	212.46	1.17	41.8
3.227	12.14	47.0	0.76	9.27	199.39	1.23	41.78
3.243	12.14	47.01	0.95	9.27	202.56	1.25	41.8
3.287	12.14	47.02	0.99	9.27	228.45	1.22	41.8
3.333	12.14	47.02	0.92	9.28	212.31	1.2	41.8
3.358	12.14	47.01	0.84	9.28	218.81	1.21	41.8
3.363	12.14	47.0	0.92	9.28	228.13	1.26	41.79
3.365	12.14	47.0	0.88	9.27	227.44	1.26	41.79
3.379	12.14	47.01	0.84	9.27	205.68	1.21	41.8
3.404	12.14	47.02	0.84	9.27	219.62	1.28	41.8
3.433	12.14	47.02	0.84	9.27	217.69	1.22	41.8
3.462	12.14	47.02	0.92	9.27	238.01	1.2	41.8
3.488	12.14	47.02	0.92	9.27	210.79	1.28	41.8
3.505	12.14	47.02	1.03	9.27	197.69	1.24	41.8
3.508	12.14	47.01	0.95	9.28	199.53	1.27	41.8
3.521	12.14	47.02	0.88	9.28	214.94	1.29	41.8
3.551	12.14	47.02	0.95	9.28	223.73	1.27	41.81
3.578	12.14	47.02	0.99	9.28	210.55	1.3	41.8
3.599	12.14	47.02	0.95	9.27	189.61	1.25	41.8
3.62	12.14	47.02	0.88	9.27	205.77	1.3	41.8
3.64	12.14	47.02	0.88	9.27	210.26	1.3	41.8
3.644	12.14	47.01	0.84	9.27	210.99	1.3	41.8
3.664	12.14	47.02	0.88	9.27	213.79	1.32	41.81
3.704	12.14	47.02	0.76	9.27	193.65	1.31	41.81
3.734	12.14	47.02	0.92	9.27	196.04	1.31	41.81
3.742	12.14	47.01	0.92	9.27	199.94	1.3	41.79
3.743	12.14	47.01	0.84	9.27	194.32	1.34	41.79
3.763	12.14	47.02	1.18	9.27	204.77	1.3	41.8
3.8	12.14	47.02	0.88	9.27	187.55	1.3	41.81
3.831	12.14	47.02	0.88	9.26	196.82	1.34	41.8
3.844	12.14	47.01	0.84	9.27	202.74	1.33	41.8
3.85	12.14	47.01	0.99	9.27	186.73	1.3	41.8
3.86	12.14	47.02	0.84	9.27	184.88	1.33	41.8
3.88	12.14	47.02	0.88	9.28	181.65	1.37	41.8
3.912	12.14	47.02	0.8	9.28	197.64	1.33	41.81
3.948	12.14	47.02	0.88	9.28	185.22	1.35	41.81
3.976	12.14	47.02	0.88	9.28	178.97	1.34	41.81
3.989	12.14	47.02	0.95	9.28	189.04	1.31	41.8
3.991	12.14	47.02	0.84	9.28	197.0	1.29	41.8
3.992	12.14	47.02	0.92	9.28	189.21	1.36	41.8
4.012	12.14	47.02	0.76	9.28	182.24	1.35	41.81
4.054	12.14	47.02	0.88	9.28	193.47	1.39	41.81
4.102	12.14	47.02	0.95	9.28	188.34	1.4	41.81
4.118	12.14	47.01	0.88	9.27	190.89	1.37	41.79
4.124	12.14	47.01	0.84	9.27	196.27	1.36	41.8
4.156	12.14	47.02	0.88	9.26	197.18	1.41	41.81
4.207	12.14	47.02	0.84	9.26	168.12	1.42	41.81
4.245	12.14	47.02	0.88	9.26	169.41	1.4	41.81
4.246	12.14	47.01	0.8	9.26	172.1	1.38	41.79
4.268	12.14	47.02	0.76	9.26	178.77	1.42	41.8
4.315	12.14	47.02	0.84	9.27	183.6	1.43	41.81
4.358	12.14	47.02	0.95	9.27	176.14	1.43	41.81

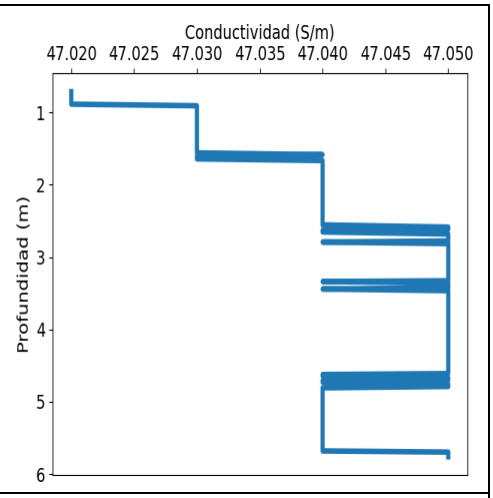
4.372	12.14	47.01	0.76	9.29	176.46	1.47	41.79
4.391	12.14	47.02	0.84	9.29	172.38	1.48	41.8
4.426	12.14	47.02	0.84	9.29	164.04	1.44	41.81
4.46	12.14	47.02	0.8	9.28	169.37	1.46	41.81
4.485	12.14	47.02	0.88	9.28	171.78	1.53	41.81
4.497	12.14	47.02	0.72	9.28	175.56	1.42	41.8
4.504	12.14	47.02	0.84	9.27	174.35	1.52	41.8
4.515	12.14	47.02	0.99	9.27	175.28	1.48	41.8
4.537	12.14	47.02	0.92	9.27	165.53	1.53	41.81
4.565	12.14	47.02	0.95	9.26	167.65	1.51	41.81
4.593	12.14	47.02	1.03	9.27	171.38	1.53	41.81
4.613	12.14	47.02	1.07	9.27	169.68	1.56	41.81
4.626	12.14	47.02	0.88	9.27	158.87	1.53	41.81
4.636	12.14	47.02	0.99	9.27	149.34	1.5	41.81
4.653	12.14	47.02	0.76	9.27	154.8	1.56	41.81
4.682	12.14	47.02	0.92	9.28	168.7	1.55	41.81
4.713	12.14	47.02	0.8	9.28	168.47	1.52	41.81
4.732	12.14	47.02	0.95	9.28	173.46	1.56	41.81
4.737	12.14	47.02	0.95	9.28	161.55	1.57	41.81
4.739	12.14	47.02	0.88	9.29	155.27	1.6	41.81
4.753	12.14	47.02	0.88	9.29	160.84	1.54	41.81
4.785	12.14	47.02	0.88	9.29	167.26	1.57	41.81
4.823	12.14	47.02	0.92	9.29	169.88	1.56	41.81
4.848	12.14	47.02	0.84	9.28	162.15	1.5	41.81
4.857	12.14	47.02	0.92	9.27	162.11	1.53	41.81
4.862	12.14	47.02	0.92	9.27	160.39	1.66	41.81
4.874	12.14	47.02	0.95	9.27	161.92	1.55	41.81
4.893	12.14	47.02	0.8	9.28	165.11	1.57	41.81
4.916	12.14	47.02	0.88	9.28	165.18	1.53	41.81
4.944	12.14	47.02	0.95	9.28	162.6	1.46	41.81
4.975	12.14	47.02	0.92	9.29	153.27	1.46	41.81
5.005	12.14	47.02	0.84	9.29	151.05	1.48	41.81
5.022	12.14	47.02	0.99	9.3	161.44	1.5	41.81
5.027	12.14	47.02	0.95	9.3	159.28	1.59	41.8
5.032	12.14	47.02	0.84	9.3	149.13	1.63	41.81
5.052	12.14	47.02	0.92	9.3	145.95	1.57	41.81
5.087	12.14	47.02	0.95	9.3	148.44	1.63	41.81
5.125	12.14	47.02	0.95	9.29	155.59	1.5	41.81
5.135	12.14	47.02	0.76	9.29	150.8	1.66	41.8
5.154	12.14	47.02	0.95	9.29	152.21	1.59	41.81
5.195	12.14	47.02	1.03	9.29	148.17	1.62	41.81
5.239	12.14	47.02	0.84	9.3	144.07	1.57	41.81
5.253	12.14	47.01	0.88	9.28	149.9	1.69	41.8
5.265	12.14	47.02	0.99	9.28	148.44	1.6	41.8
5.296	12.14	47.02	0.88	9.28	145.65	1.63	41.81
5.331	12.14	47.02	0.88	9.27	143.9	1.59	41.81
5.356	12.14	47.02	0.92	9.27	137.83	1.55	41.81
5.37	12.14	47.02	0.8	9.28	135.02	1.55	41.81
5.381	12.14	47.02	1.14	9.28	135.8	1.68	41.81
5.394	12.14	47.02	0.84	9.27	141.36	1.65	41.81
5.408	12.14	47.02	0.88	9.27	148.1	1.62	41.81
5.427	12.14	47.02	0.92	9.28	148.2	1.66	41.81
5.448	12.14	47.02	0.84	9.28	142.25	1.56	41.81
5.465	12.14	47.02	0.88	9.29	138.66	1.59	41.81
5.477	12.14	47.02	1.03	9.29	138.73	1.61	41.8
5.489	12.14	47.02	1.03	9.29	142.54	1.63	41.8
5.509	12.14	47.02	0.92	9.3	151.36	1.66	41.81
5.534	12.14	47.02	0.95	9.3	153.62	1.62	41.81

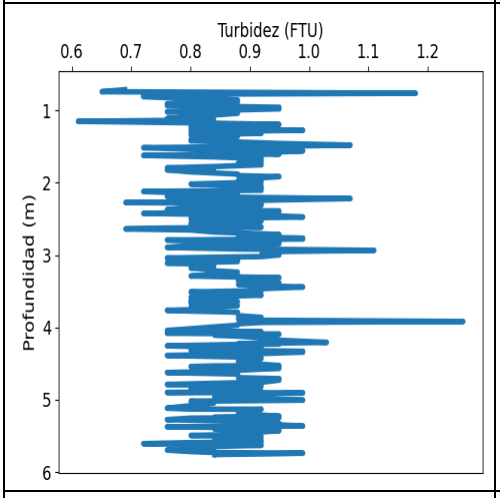
5.56	12.14	47.02	1.03	9.29	148.99	1.62	41.81
5.573	12.14	47.02	0.92	9.29	142.97	1.61	41.81
5.577	12.14	47.02	0.8	9.29	139.47	1.63	41.8
5.584	12.14	47.02	0.99	9.29	138.47	1.6	41.8
5.61	12.14	47.02	0.76	9.29	137.58	1.65	41.81
5.645	12.14	47.02	0.72	9.3	141.69	1.62	41.81
5.671	12.14	47.02	0.92	9.3	147.55	1.66	41.81
5.677	12.14	47.02	0.88	9.3	129.29	1.66	41.8
5.68	12.14	47.02	0.88	9.29	131.95	1.66	41.8
5.702	12.14	47.02	1.03	9.29	136.09	1.59	41.81
5.739	12.14	47.02	0.92	9.28	139.76	1.62	41.81
5.771	12.14	47.02	0.8	9.27	137.99	1.55	41.8
5.784	12.14	47.02	0.84	9.27	133.25	1.53	41.8
5.821	12.14	47.02	0.84	9.27	130.53	1.63	41.81
5.867	12.14	47.03	0.92	9.27	130.92	1.57	41.81
5.883	12.14	47.02	0.84	9.25	135.39	1.6	41.8
5.907	12.14	47.02	0.88	9.25	131.13	1.66	41.8
5.948	12.14	47.02	0.88	9.25	126.36	1.62	41.81
5.988	12.14	47.03	0.8	9.25	126.56	1.61	41.81
6.008	12.14	47.02	0.88	9.28	127.45	1.65	41.8
6.021	12.14	47.02	0.99	9.28	124.15	1.62	41.8
6.063	12.14	47.03	0.95	9.28	123.69	1.69	41.81
6.115	12.14	47.03	0.88	9.28	127.21	1.69	41.81
6.128	12.14	47.02	0.88	9.27	120.3	1.62	41.8
6.156	12.14	47.02	0.99	9.27	121.34	1.66	41.8
6.197	12.14	47.02	1.03	9.27	124.04	1.63	41.8
6.23	12.14	47.02	1.11	9.27	125.98	1.65	41.8
6.242	12.14	47.02	0.92	9.28	123.21	1.62	41.8
6.247	12.14	47.02	1.03	9.28	118.36	1.67	41.8
6.268	12.14	47.02	0.8	9.28	117.13	1.67	41.8
6.3	12.14	47.02	1.14	9.28	117.33	1.67	41.8
6.328	12.14	47.02	1.03	9.28	122.81	1.63	41.8
6.345	12.14	47.02	1.14	9.29	125.57	1.65	41.8
6.349	12.14	47.02	0.95	9.28	120.13	1.68	41.8
6.354	12.14	47.02	1.11	9.28	115.06	1.62	41.8
6.368	12.14	47.02	0.88	9.28	113.45	1.71	41.8
6.392	12.14	47.03	1.03	9.28	115.46	1.66	41.8
6.423	12.14	47.03	0.8	9.27	118.67	1.65	41.8
6.455	12.14	47.03	0.92	9.27	120.52	1.66	41.8
6.474	12.14	47.03	0.99	9.27	117.9	1.63	41.8
6.476	12.14	47.02	1.03	9.29	112.27	1.73	41.8
6.479	12.14	47.02	0.95	9.29	113.97	1.75	41.8
6.491	12.14	47.03	0.88	9.3	117.24	1.71	41.8
6.502	12.14	47.03	0.88	9.3	117.98	1.67	41.8
6.51	12.14	47.03	0.84	9.3	117.22	1.69	41.8
6.511	12.14	47.03	0.88	9.3	115.65	1.69	41.8

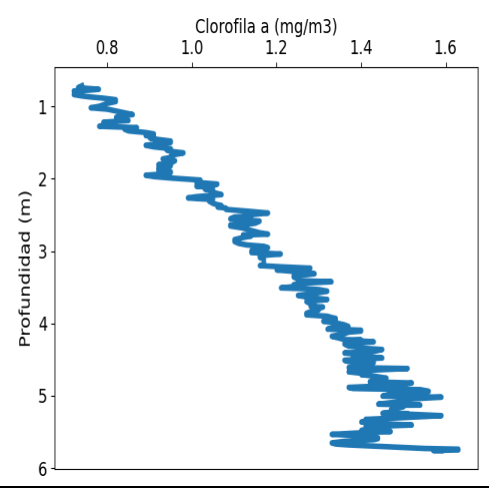
Nombre: CTD E12 - Punto 013 **Fecha: 08/01/2025** **Hora: 10:01:53**

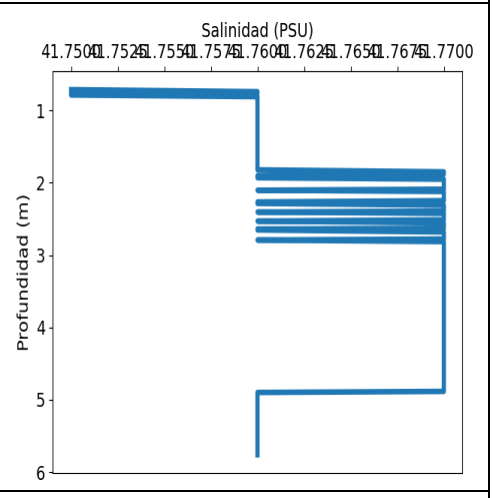


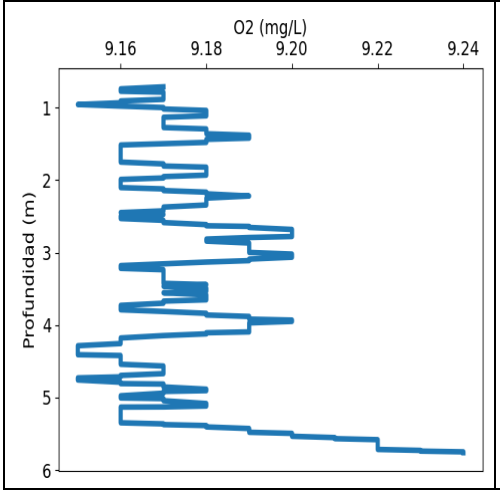


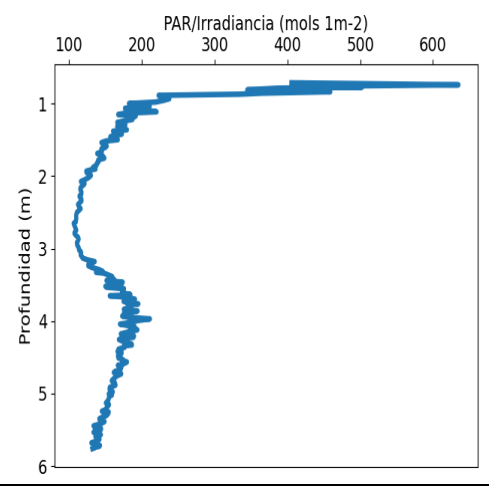


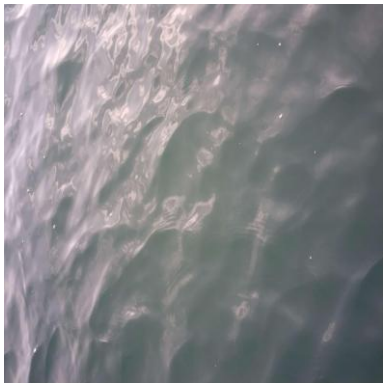












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.18	47.02	0.61	9.15	106.15	0.72	41.75
PROF (metros)	0.711	0.711	1.149	0.955	2.652	0.785	0.711
MÁXIMO	12.2	12.2	1.26	9.24	635.03	1.63	41.77
PROF (metros)	2.841	2.585	3.918	5.75	0.739	5.74	1.848

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.18	47.02	0.83	9.16	343.73	0.77	41.76
1 - 2m	12.19	47.03	0.86	9.17	158.5	0.89	41.76
2 - 3m	12.19	47.04	0.87	9.18	112.99	1.09	41.77
3 - 4m	12.19	47.05	0.87	9.18	159.15	1.26	41.77
4 - 5m	12.19	47.05	0.88	9.17	171.9	1.41	41.77
5 - 6m	12.2	47.04	0.86	9.19	143.73	1.47	41.76

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	12.18	47.02	0.69	9.17	405.43	0.74	41.75
0.739	12.18	47.02	0.65	9.16	635.03	0.73	41.76
0.761	12.18	47.02	1.18	9.16	406.28	0.78	41.76
0.772	12.18	47.02	0.84	9.16	502.37	0.76	41.75
0.785	12.18	47.02	0.72	9.17	386.89	0.72	41.75
0.808	12.18	47.02	0.72	9.17	344.71	0.74	41.76
0.834	12.18	47.02	0.8	9.17	458.95	0.72	41.76
0.854	12.18	47.02	0.88	9.17	364.68	0.74	41.76
0.868	12.18	47.02	0.88	9.17	334.71	0.76	41.76
0.884	12.18	47.02	0.88	9.17	222.8	0.79	41.76
0.906	12.18	47.03	0.76	9.16	226.97	0.82	41.76
0.931	12.18	47.03	0.76	9.16	237.63	0.82	41.76
0.955	12.18	47.03	0.95	9.15	229.03	0.8	41.76
0.977	12.18	47.03	0.95	9.16	218.4	0.79	41.76
0.997	12.18	47.03	0.84	9.17	182.07	0.78	41.76
1.017	12.18	47.03	0.76	9.17	198.56	0.76	41.76
1.037	12.18	47.03	0.88	9.18	210.7	0.8	41.76
1.062	12.18	47.03	0.84	9.18	176.63	0.82	41.76
1.088	12.18	47.03	0.8	9.18	189.08	0.84	41.76
1.111	12.18	47.03	0.76	9.18	220.13	0.86	41.76
1.131	12.18	47.03	0.84	9.17	176.34	0.83	41.76
1.149	12.18	47.03	0.61	9.17	167.22	0.82	41.76
1.169	12.18	47.03	0.8	9.17	191.6	0.83	41.76
1.193	12.18	47.03	0.95	9.17	185.74	0.85	41.76
1.217	12.19	47.03	0.8	9.17	187.03	0.79	41.76
1.239	12.19	47.03	0.84	9.17	174.67	0.81	41.76
1.257	12.19	47.03	0.8	9.17	166.07	0.79	41.76
1.273	12.19	47.03	0.99	9.17	172.42	0.78	41.76
1.292	12.19	47.03	0.8	9.18	177.24	0.87	41.76
1.314	12.19	47.03	0.92	9.18	165.91	0.84	41.76
1.337	12.19	47.03	0.8	9.18	171.86	0.85	41.76
1.359	12.19	47.03	0.88	9.18	179.35	0.89	41.76
1.379	12.19	47.03	0.84	9.19	160.24	0.91	41.76
1.401	12.19	47.03	0.8	9.19	165.07	0.89	41.76
1.419	12.19	47.03	0.8	9.19	172.46	0.91	41.76
1.436	12.19	47.03	0.88	9.18	162.9	0.9	41.76

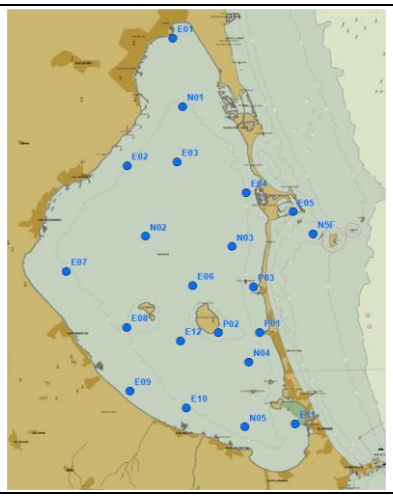
1.456	12.19	47.03	0.95	9.18	156.46	0.92	41.76
1.478	12.19	47.03	1.07	9.18	160.61	0.95	41.76
1.496	12.19	47.03	0.92	9.17	166.91	0.95	41.76
1.514	12.19	47.03	0.72	9.16	150.56	0.92	41.76
1.536	12.19	47.03	0.8	9.16	144.27	0.89	41.76
1.558	12.19	47.03	0.99	9.16	147.59	0.91	41.76
1.583	12.19	47.04	0.92	9.16	151.71	0.95	41.76
1.603	12.19	47.03	0.95	9.16	149.65	0.94	41.76
1.621	12.19	47.03	0.72	9.16	144.2	0.95	41.76
1.641	12.19	47.03	0.84	9.16	144.64	0.98	41.76
1.664	12.19	47.04	0.92	9.16	144.91	0.96	41.76
1.686	12.19	47.04	0.92	9.16	138.44	0.95	41.76
1.704	12.19	47.04	0.92	9.16	142.74	0.95	41.76
1.725	12.19	47.04	0.88	9.16	146.46	0.93	41.76
1.75	12.19	47.04	0.92	9.16	148.44	0.96	41.76
1.775	12.19	47.04	0.84	9.17	139.92	0.95	41.76
1.793	12.19	47.04	0.76	9.17	140.05	0.95	41.76
1.804	12.19	47.04	0.84	9.17	140.25	0.92	41.76
1.82	12.19	47.04	0.76	9.18	138.02	0.95	41.76
1.848	12.19	47.04	0.8	9.18	137.64	0.92	41.77
1.879	12.19	47.04	0.88	9.18	132.51	0.92	41.77
1.901	12.19	47.04	0.88	9.18	136.21	0.95	41.76
1.914	12.19	47.04	0.95	9.18	128.87	0.95	41.76
1.93	12.19	47.04	0.92	9.18	123.46	0.94	41.76
1.95	12.19	47.04	0.92	9.17	123.84	0.89	41.77
1.969	12.19	47.04	0.88	9.17	128.54	0.91	41.77
1.989	12.19	47.04	0.92	9.16	129.95	0.95	41.77
2.017	12.19	47.04	0.8	9.16	126.89	1.02	41.77
2.049	12.19	47.04	0.92	9.16	121.22	1.01	41.77
2.073	12.19	47.04	0.92	9.16	116.03	1.06	41.77
2.088	12.19	47.04	0.92	9.16	117.71	1.04	41.77
2.102	12.19	47.04	0.92	9.16	121.17	1.01	41.76
2.12	12.19	47.04	0.72	9.17	119.8	1.05	41.77
2.143	12.19	47.04	0.8	9.17	116.67	1.03	41.77
2.165	12.19	47.04	0.88	9.18	115.41	1.05	41.77
2.188	12.19	47.04	0.76	9.18	115.41	1.05	41.77
2.218	12.19	47.04	1.07	9.19	116.86	1.07	41.77
2.247	12.19	47.04	0.88	9.18	116.62	1.01	41.77
2.264	12.19	47.04	0.84	9.18	115.14	0.99	41.76
2.273	12.19	47.04	0.69	9.18	114.19	1.01	41.76
2.285	12.19	47.04	0.92	9.18	114.42	1.05	41.76
2.309	12.19	47.04	0.92	9.18	116.57	1.04	41.77
2.342	12.19	47.04	0.8	9.18	116.95	1.05	41.77
2.371	12.19	47.04	0.76	9.17	113.87	1.07	41.77
2.39	12.19	47.04	0.95	9.17	112.06	1.06	41.77
2.404	12.19	47.04	0.84	9.17	112.64	1.08	41.76
2.423	12.19	47.04	0.72	9.17	113.74	1.08	41.77
2.447	12.19	47.04	0.92	9.16	115.79	1.13	41.77
2.473	12.19	47.04	0.99	9.17	113.34	1.18	41.77
2.495	12.19	47.04	0.8	9.16	110.8	1.14	41.77
2.512	12.19	47.04	0.84	9.16	110.28	1.14	41.77
2.529	12.19	47.04	0.92	9.16	109.7	1.1	41.76
2.554	12.19	47.04	0.8	9.17	109.55	1.09	41.77
2.585	12.19	47.05	0.8	9.17	109.75	1.16	41.77
2.613	12.19	47.05	0.92	9.18	109.29	1.15	41.77
2.629	12.19	47.04	0.72	9.18	109.22	1.13	41.77
2.638	12.19	47.04	0.69	9.19	107.43	1.09	41.76
2.652	12.19	47.04	0.8	9.19	106.15	1.09	41.76

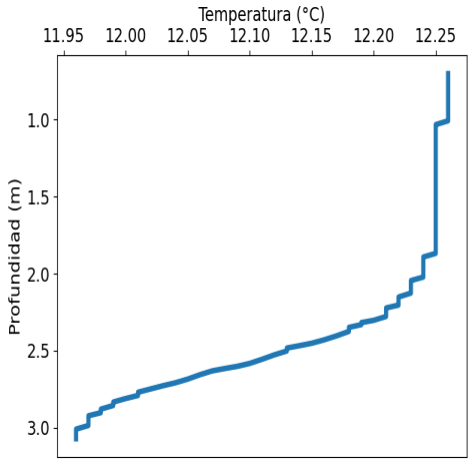
2.68	12.19	47.05	0.84	9.2	107.21	1.12	41.77
2.715	12.19	47.05	0.95	9.2	108.59	1.14	41.77
2.746	12.19	47.05	0.88	9.2	109.75	1.16	41.77
2.765	12.19	47.05	0.99	9.2	108.51	1.18	41.77
2.777	12.19	47.05	0.99	9.2	107.41	1.12	41.77
2.791	12.19	47.04	0.76	9.19	107.26	1.14	41.76
2.813	12.19	47.05	0.95	9.18	108.86	1.12	41.77
2.841	12.2	47.05	0.95	9.18	112.09	1.1	41.77
2.867	12.2	47.05	0.8	9.19	113.0	1.1	41.77
2.893	12.2	47.05	0.76	9.19	111.93	1.11	41.77
2.915	12.2	47.05	0.88	9.19	110.67	1.13	41.77
2.934	12.2	47.05	1.11	9.19	110.8	1.17	41.77
2.953	12.2	47.05	0.92	9.19	111.13	1.18	41.77
2.974	12.2	47.05	0.92	9.19	112.4	1.16	41.77
2.997	12.2	47.05	0.95	9.19	113.32	1.14	41.77
3.02	12.2	47.05	0.92	9.2	113.58	1.14	41.77
3.04	12.2	47.05	0.76	9.2	115.95	1.21	41.77
3.063	12.2	47.05	0.88	9.2	116.43	1.16	41.77
3.089	12.2	47.05	0.88	9.19	115.76	1.16	41.77
3.11	12.2	47.05	0.76	9.19	117.3	1.17	41.77
3.13	12.19	47.05	0.84	9.18	118.47	1.17	41.77
3.154	12.19	47.05	0.84	9.17	124.79	1.17	41.77
3.179	12.19	47.05	0.8	9.16	135.11	1.17	41.77
3.2	12.19	47.05	0.84	9.16	129.68	1.16	41.77
3.217	12.19	47.05	0.84	9.16	126.33	1.21	41.77
3.236	12.19	47.05	0.88	9.17	126.21	1.28	41.77
3.261	12.19	47.05	0.84	9.17	131.44	1.2	41.77
3.289	12.19	47.05	0.8	9.17	140.77	1.26	41.77
3.313	12.19	47.05	0.95	9.17	145.99	1.29	41.77
3.327	12.19	47.05	0.88	9.17	136.81	1.27	41.77
3.338	12.19	47.04	0.88	9.17	147.28	1.24	41.77
3.358	12.19	47.05	0.88	9.17	152.56	1.24	41.77
3.386	12.19	47.05	0.95	9.17	159.17	1.25	41.77
3.408	12.19	47.05	0.88	9.17	154.23	1.25	41.77
3.424	12.19	47.05	0.92	9.17	161.85	1.33	41.77
3.441	12.19	47.04	0.99	9.18	151.15	1.27	41.77
3.464	12.19	47.05	0.92	9.17	173.62	1.24	41.77
3.491	12.19	47.05	0.92	9.18	161.4	1.24	41.77
3.509	12.19	47.05	0.8	9.18	171.66	1.21	41.77
3.52	12.19	47.05	0.84	9.18	149.65	1.27	41.77
3.532	12.19	47.05	0.88	9.18	150.87	1.3	41.77
3.554	12.19	47.05	0.92	9.17	175.36	1.32	41.77
3.583	12.19	47.05	0.8	9.18	172.42	1.29	41.77
3.613	12.19	47.05	0.84	9.18	173.98	1.25	41.77
3.633	12.19	47.05	0.8	9.18	184.19	1.27	41.77
3.642	12.19	47.05	0.88	9.18	176.01	1.27	41.77
3.651	12.19	47.05	0.8	9.18	155.7	1.29	41.77
3.669	12.19	47.05	0.8	9.17	177.28	1.32	41.77
3.698	12.19	47.05	0.88	9.17	190.49	1.27	41.77
3.728	12.19	47.05	0.8	9.16	174.67	1.28	41.77
3.749	12.19	47.05	0.84	9.16	181.27	1.29	41.77
3.763	12.19	47.05	0.76	9.16	195.09	1.28	41.77
3.774	12.19	47.05	0.8	9.16	180.39	1.31	41.77
3.789	12.19	47.05	0.88	9.16	184.71	1.29	41.77
3.812	12.19	47.05	0.88	9.17	185.09	1.3	41.77
3.838	12.19	47.05	0.88	9.18	174.96	1.28	41.77
3.861	12.19	47.05	0.92	9.18	194.05	1.27	41.77
3.881	12.19	47.05	0.88	9.19	184.11	1.27	41.77

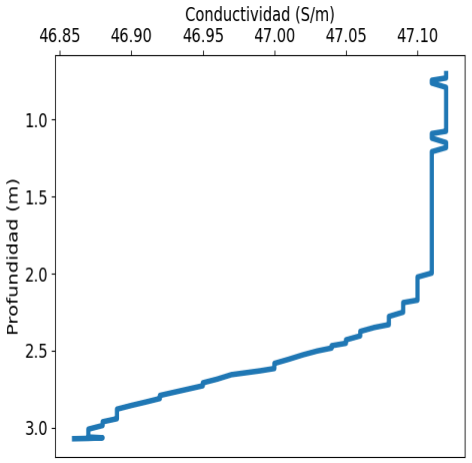
3.901	12.19	47.05	0.92	9.19	174.79	1.32	41.77
3.918	12.19	47.05	1.26	9.19	176.18	1.33	41.77
3.931	12.19	47.05	0.92	9.2	172.78	1.34	41.77
3.949	12.19	47.05	0.88	9.2	181.99	1.34	41.77
3.97	12.19	47.05	0.88	9.19	210.99	1.31	41.77
3.993	12.19	47.05	0.84	9.19	194.01	1.34	41.77
4.019	12.19	47.05	0.8	9.19	185.65	1.36	41.77
4.042	12.19	47.05	0.76	9.19	169.68	1.37	41.77
4.062	12.19	47.05	0.92	9.19	180.35	1.33	41.77
4.079	12.19	47.05	0.76	9.19	190.05	1.32	41.77
4.094	12.19	47.05	0.95	9.19	183.34	1.4	41.77
4.106	12.19	47.05	0.84	9.18	190.14	1.4	41.77
4.121	12.19	47.05	0.88	9.18	193.83	1.37	41.77
4.145	12.19	47.05	0.92	9.17	183.21	1.36	41.77
4.178	12.19	47.05	0.95	9.16	170.79	1.33	41.77
4.207	12.19	47.05	1.03	9.16	189.26	1.35	41.77
4.224	12.19	47.05	0.88	9.16	188.42	1.36	41.77
4.229	12.19	47.05	0.95	9.16	179.43	1.4	41.77
4.236	12.19	47.05	0.88	9.16	177.49	1.38	41.77
4.255	12.19	47.05	0.76	9.16	168.23	1.43	41.77
4.285	12.19	47.05	0.92	9.15	174.96	1.36	41.77
4.314	12.19	47.05	0.8	9.15	185.78	1.37	41.77
4.33	12.19	47.05	0.99	9.15	186.25	1.4	41.77
4.342	12.19	47.05	0.99	9.15	175.2	1.4	41.77
4.361	12.19	47.05	0.92	9.15	176.38	1.45	41.77
4.388	12.19	47.05	0.76	9.15	167.69	1.43	41.77
4.409	12.19	47.05	0.88	9.15	169.53	1.36	41.77
4.42	12.19	47.05	0.88	9.16	166.37	1.38	41.77
4.428	12.19	47.05	0.92	9.16	172.1	1.38	41.77
4.447	12.19	47.05	0.88	9.16	172.02	1.38	41.77
4.478	12.19	47.05	0.88	9.16	166.88	1.45	41.77
4.51	12.19	47.05	0.92	9.16	167.61	1.36	41.77
4.528	12.19	47.05	0.95	9.16	173.22	1.37	41.77
4.533	12.19	47.05	0.84	9.16	173.86	1.41	41.77
4.541	12.19	47.05	0.8	9.16	172.62	1.43	41.77
4.565	12.19	47.05	0.95	9.17	179.43	1.38	41.77
4.593	12.19	47.05	0.88	9.17	173.98	1.4	41.77
4.611	12.19	47.05	0.84	9.17	166.72	1.37	41.77
4.624	12.19	47.04	0.76	9.17	171.86	1.51	41.77
4.645	12.19	47.04	0.88	9.17	171.54	1.43	41.77
4.67	12.19	47.05	0.88	9.17	170.24	1.37	41.77
4.695	12.19	47.05	0.88	9.16	162.86	1.41	41.77
4.709	12.19	47.04	0.95	9.16	161.25	1.4	41.77
4.715	12.19	47.04	0.95	9.16	166.41	1.41	41.77
4.729	12.19	47.04	0.95	9.15	171.58	1.43	41.77
4.758	12.19	47.05	0.92	9.15	165.37	1.46	41.77
4.789	12.19	47.05	0.76	9.16	161.51	1.43	41.77
4.808	12.19	47.04	0.88	9.16	161.62	1.42	41.77
4.814	12.19	47.04	0.92	9.17	159.06	1.46	41.77
4.824	12.19	47.04	0.84	9.17	158.4	1.52	41.77
4.854	12.19	47.04	0.8	9.17	162.9	1.49	41.77
4.885	12.19	47.04	0.92	9.18	163.73	1.37	41.77
4.9	12.19	47.04	0.76	9.18	159.21	1.38	41.76
4.905	12.19	47.04	0.99	9.18	157.92	1.42	41.76
4.916	12.19	47.04	0.95	9.17	155.7	1.54	41.76
4.94	12.19	47.04	0.84	9.17	155.38	1.56	41.76
4.976	12.19	47.04	0.84	9.16	160.13	1.47	41.76
5.006	12.19	47.04	0.99	9.16	154.23	1.45	41.76

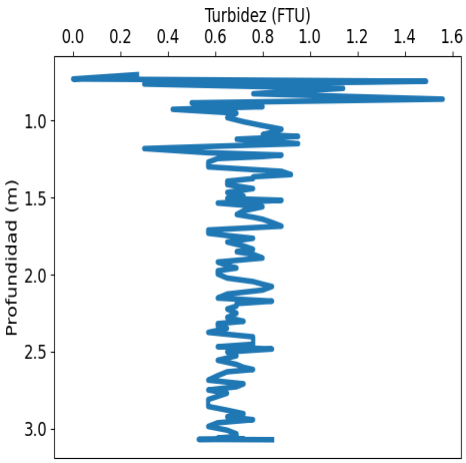
5.015	12.19	47.04	0.88	9.17	158.43	1.54	41.76
5.02	12.19	47.04	0.8	9.17	158.84	1.59	41.76
5.044	12.19	47.04	0.84	9.17	154.73	1.52	41.76
5.083	12.19	47.04	0.8	9.18	154.05	1.49	41.76
5.117	12.19	47.04	0.76	9.18	151.71	1.44	41.76
5.13	12.19	47.04	0.8	9.17	150.31	1.54	41.76
5.132	12.19	47.04	0.92	9.16	152.81	1.5	41.76
5.154	12.19	47.04	0.88	9.16	154.8	1.5	41.76
5.193	12.19	47.04	0.88	9.16	151.61	1.47	41.76
5.228	12.2	47.04	0.95	9.16	149.2	1.47	41.76
5.244	12.2	47.04	0.84	9.16	144.84	1.45	41.76
5.247	12.2	47.04	0.95	9.16	145.65	1.51	41.76
5.255	12.2	47.04	0.8	9.16	154.37	1.51	41.76
5.276	12.2	47.04	0.76	9.16	153.77	1.59	41.76
5.303	12.2	47.04	0.92	9.16	151.4	1.5	41.76
5.328	12.2	47.04	0.95	9.16	145.11	1.41	41.76
5.349	12.2	47.04	0.95	9.16	141.33	1.44	41.76
5.364	12.2	47.04	0.99	9.17	141.82	1.4	41.76
5.374	12.2	47.04	0.76	9.17	145.21	1.42	41.76
5.387	12.2	47.04	0.88	9.18	148.68	1.45	41.76
5.406	12.2	47.04	0.84	9.18	145.34	1.52	41.76
5.428	12.2	47.04	0.95	9.19	140.12	1.41	41.76
5.446	12.2	47.04	0.92	9.19	133.34	1.43	41.76
5.463	12.2	47.04	0.88	9.19	134.95	1.44	41.76
5.48	12.2	47.04	0.88	9.19	143.8	1.4	41.76
5.495	12.2	47.04	0.8	9.2	143.84	1.47	41.76
5.513	12.2	47.04	0.92	9.2	135.33	1.4	41.76
5.535	12.2	47.04	0.88	9.2	133.37	1.33	41.76
5.553	12.2	47.04	0.84	9.21	138.09	1.4	41.76
5.568	12.2	47.04	0.92	9.21	143.67	1.39	41.76
5.582	12.2	47.04	0.92	9.22	138.95	1.44	41.76
5.594	12.2	47.04	0.8	9.22	135.99	1.44	41.76
5.608	12.2	47.04	0.72	9.22	139.05	1.43	41.76
5.631	12.2	47.04	0.92	9.22	141.72	1.36	41.76
5.653	12.2	47.04	0.8	9.22	139.37	1.33	41.76
5.669	12.2	47.04	0.8	9.22	133.65	1.34	41.76
5.681	12.2	47.04	0.84	9.22	130.4	1.37	41.76
5.697	12.2	47.05	0.76	9.22	134.89	1.43	41.76
5.717	12.2	47.05	0.8	9.22	142.41	1.51	41.76
5.73	12.2	47.05	0.84	9.23	141.26	1.55	41.76
5.74	12.2	47.05	0.99	9.23	136.18	1.63	41.76
5.75	12.2	47.05	0.92	9.24	134.89	1.63	41.76
5.758	12.2	47.05	0.84	9.24	132.6	1.57	41.76
5.761	12.2	47.05	0.84	9.24	131.89	1.59	41.76

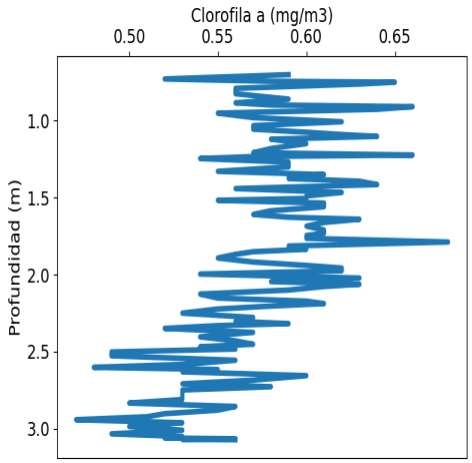
Nombre: CTD P02 - Punto 014 **Fecha: 08/01/2025** **Hora: 10:01:00**

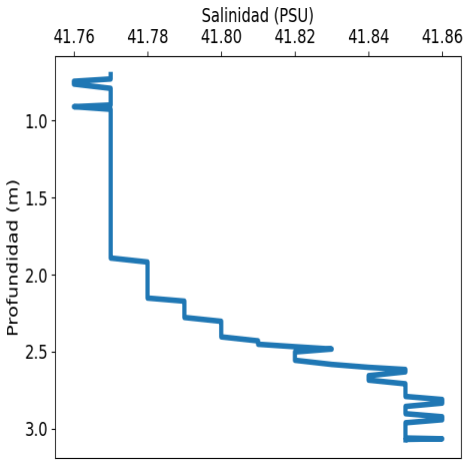


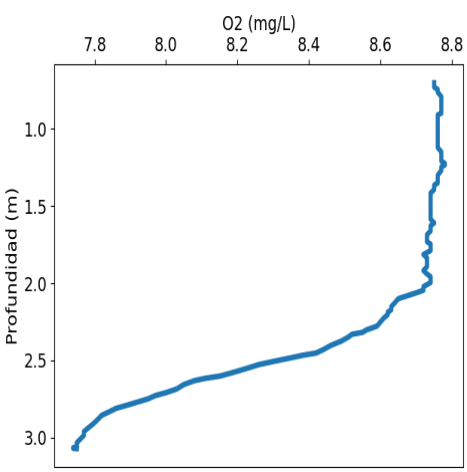


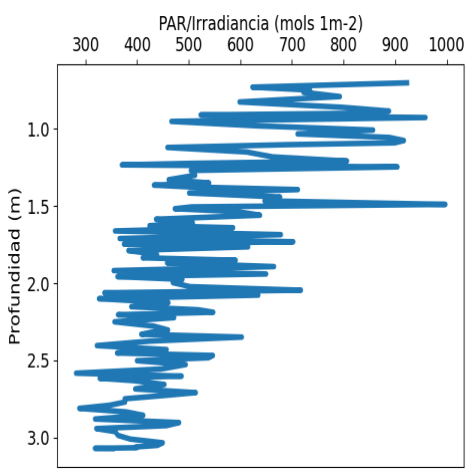


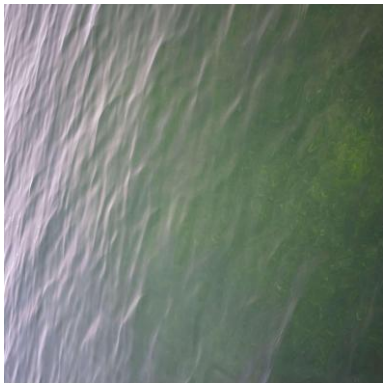












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.96	46.86	0.0	7.74	281.76	0.47	41.76
PROF (metros)	3.034	3.072	0.729	3.066	2.583	2.942	0.744
MÁXIMO	12.26	12.26	1.56	8.78	997.41	0.68	41.86
PROF (metros)	0.701	0.701	0.86	1.223	1.489	1.788	2.811

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.26	47.12	0.8	8.76	737.73	0.59	41.77
1 - 2m	12.25	47.11	0.72	8.75	577.68	0.6	41.77
2 - 3m	12.12	47.01	0.68	8.27	428.98	0.55	41.82
3 - 4m	11.96	46.87	0.68	7.75	392.13	0.53	41.85

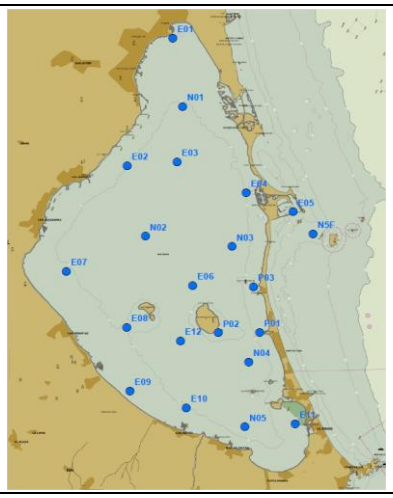
OBSERVACIONES GENERALES

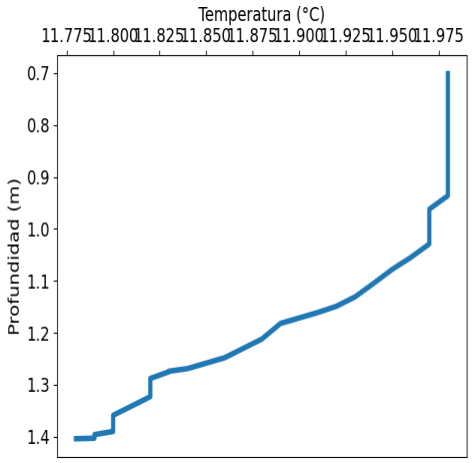
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	12.26	47.12	0.27	8.75	923.11	0.59	41.77
0.729	12.26	47.12	0.0	8.75	623.22	0.52	41.77
0.744	12.26	47.11	1.49	8.76	712.06	0.58	41.76
0.75	12.26	47.11	1.22	8.76	735.54	0.65	41.76
0.762	12.26	47.11	0.3	8.76	722.03	0.63	41.76
0.79	12.26	47.12	1.14	8.77	793.09	0.56	41.77
0.825	12.26	47.12	0.76	8.77	598.44	0.56	41.77
0.86	12.26	47.12	1.56	8.77	799.37	0.59	41.77
0.884	12.26	47.12	0.5	8.77	888.27	0.56	41.77
0.898	12.26	47.12	0.61	8.77	835.74	0.58	41.77
0.909	12.26	47.12	0.8	8.76	523.05	0.66	41.76
0.926	12.26	47.12	0.42	8.76	958.88	0.64	41.77
0.951	12.26	47.12	0.69	8.76	466.46	0.55	41.77
0.98	12.26	47.12	0.65	8.76	634.44	0.57	41.77
1.007	12.26	47.12	0.72	8.76	857.52	0.62	41.77
1.032	12.25	47.12	0.8	8.76	710.74	0.57	41.77
1.055	12.25	47.12	0.88	8.76	888.68	0.57	41.77
1.075	12.25	47.12	0.84	8.76	917.14	0.6	41.77
1.09	12.25	47.11	0.8	8.76	899.25	0.62	41.77
1.102	12.25	47.11	0.95	8.76	689.81	0.64	41.77
1.12	12.25	47.11	0.69	8.76	458.74	0.58	41.77
1.149	12.25	47.12	0.95	8.77	611.77	0.6	41.77
1.181	12.25	47.12	0.3	8.77	662.85	0.58	41.77
1.208	12.25	47.11	0.57	8.77	807.0	0.57	41.77
1.223	12.25	47.11	0.88	8.78	502.84	0.66	41.77
1.233	12.25	47.11	0.8	8.78	370.48	0.57	41.77
1.246	12.25	47.11	0.61	8.77	904.68	0.54	41.77
1.269	12.25	47.11	0.57	8.77	504.12	0.59	41.77
1.3	12.25	47.11	0.57	8.76	512.96	0.59	41.77
1.329	12.25	47.11	0.88	8.76	461.19	0.55	41.77
1.35	12.25	47.11	0.92	8.76	539.92	0.61	41.77
1.364	12.25	47.11	0.76	8.75	432.61	0.59	41.77
1.376	12.25	47.11	0.76	8.75	505.17	0.59	41.77
1.393	12.25	47.11	0.65	8.75	711.9	0.63	41.77
1.415	12.25	47.11	0.65	8.74	500.74	0.64	41.77
1.441	12.25	47.11	0.76	8.74	677.45	0.56	41.77
1.466	12.25	47.11	0.65	8.74	646.76	0.62	41.77
1.489	12.25	47.11	0.72	8.74	997.41	0.6	41.77

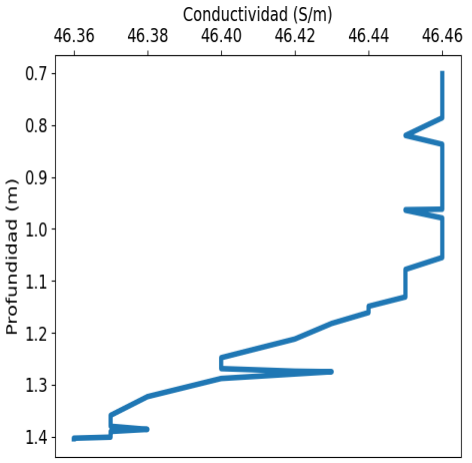
1.505	12.25	47.11	0.65	8.74	506.58	0.6	41.77
1.517	12.25	47.11	0.88	8.74	472.99	0.55	41.77
1.535	12.25	47.11	0.61	8.74	592.78	0.61	41.77
1.559	12.25	47.11	0.8	8.74	638.57	0.61	41.77
1.585	12.25	47.11	0.72	8.74	436.64	0.58	41.77
1.609	12.25	47.11	0.69	8.75	508.46	0.57	41.77
1.627	12.25	47.11	0.76	8.74	424.08	0.59	41.77
1.64	12.25	47.11	0.8	8.74	586.36	0.63	41.77
1.661	12.25	47.11	0.84	8.74	357.24	0.61	41.77
1.685	12.25	47.11	0.88	8.73	678.86	0.6	41.77
1.71	12.25	47.11	0.57	8.73	366.21	0.61	41.77
1.731	12.25	47.11	0.57	8.73	702.88	0.61	41.77
1.746	12.25	47.11	0.65	8.74	374.53	0.6	41.77
1.764	12.25	47.11	0.76	8.74	615.46	0.6	41.77
1.788	12.25	47.11	0.65	8.74	383.23	0.68	41.77
1.814	12.25	47.11	0.72	8.72	439.18	0.59	41.77
1.835	12.25	47.11	0.76	8.73	410.92	0.6	41.77
1.851	12.25	47.11	0.69	8.73	591.41	0.57	41.77
1.868	12.25	47.11	0.76	8.73	458.0	0.56	41.77
1.892	12.24	47.11	0.8	8.73	665.62	0.55	41.77
1.918	12.24	47.11	0.61	8.72	354.6	0.57	41.78
1.94	12.24	47.11	0.65	8.73	650.37	0.6	41.78
1.957	12.24	47.11	0.69	8.74	361.99	0.62	41.78
1.975	12.24	47.11	0.61	8.74	488.25	0.62	41.78
1.996	12.24	47.11	0.61	8.74	469.17	0.54	41.78
2.022	12.24	47.1	0.65	8.72	502.6	0.63	41.78
2.045	12.23	47.1	0.76	8.72	717.69	0.58	41.78
2.062	12.23	47.1	0.8	8.7	336.66	0.63	41.78
2.077	12.23	47.1	0.84	8.68	635.17	0.61	41.78
2.1	12.23	47.1	0.8	8.65	326.21	0.59	41.78
2.126	12.23	47.1	0.65	8.64	461.09	0.54	41.78
2.152	12.22	47.1	0.61	8.63	388.68	0.55	41.78
2.172	12.22	47.1	0.84	8.63	518.7	0.6	41.79
2.188	12.22	47.09	0.69	8.62	547.99	0.61	41.79
2.204	12.22	47.09	0.69	8.62	363.08	0.58	41.79
2.223	12.21	47.09	0.65	8.61	472.23	0.55	41.79
2.25	12.21	47.09	0.69	8.6	356.16	0.53	41.79
2.278	12.21	47.08	0.65	8.59	432.51	0.57	41.79
2.303	12.2	47.08	0.72	8.56	460.44	0.56	41.8
2.318	12.19	47.08	0.61	8.55	427.33	0.59	41.8
2.331	12.19	47.08	0.61	8.52	408.07	0.55	41.8
2.349	12.18	47.07	0.65	8.51	603.32	0.52	41.8
2.375	12.18	47.06	0.57	8.49	424.86	0.57	41.8
2.404	12.17	47.06	0.76	8.46	322.08	0.54	41.8
2.43	12.16	47.05	0.76	8.44	457.68	0.56	41.81
2.452	12.15	47.05	0.76	8.42	361.15	0.57	41.81
2.468	12.14	47.04	0.61	8.38	547.35	0.54	41.82
2.483	12.13	47.04	0.84	8.35	538.42	0.56	41.83
2.502	12.13	47.03	0.65	8.31	399.74	0.49	41.82
2.527	12.12	47.02	0.69	8.26	494.63	0.49	41.82
2.556	12.11	47.01	0.61	8.22	446.78	0.56	41.82
2.583	12.1	47.0	0.69	8.18	281.76	0.53	41.83
2.602	12.09	47.0	0.72	8.15	486.78	0.48	41.84
2.616	12.08	47.0	0.76	8.11	327.5	0.55	41.85
2.631	12.07	46.99	0.65	8.08	393.03	0.53	41.85
2.656	12.06	46.97	0.61	8.05	453.45	0.6	41.84
2.685	12.05	46.96	0.57	8.03	396.32	0.57	41.84
2.709	12.04	46.95	0.72	8.0	514.15	0.53	41.85

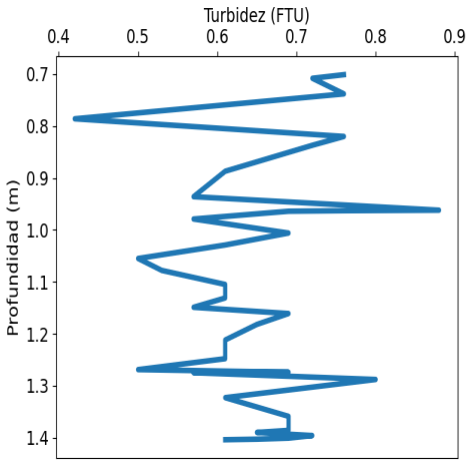
2.728	12.03	46.95	0.69	7.97	450.42	0.58	41.85
2.749	12.02	46.94	0.57	7.95	376.01	0.53	41.85
2.77	12.01	46.93	0.65	7.92	377.23	0.53	41.85
2.791	12.01	46.92	0.61	7.89	346.23	0.53	41.85
2.811	12.0	46.92	0.57	7.86	288.03	0.53	41.86
2.834	11.99	46.91	0.57	7.84	379.43	0.5	41.86
2.856	11.99	46.9	0.57	7.82	412.44	0.56	41.85
2.88	11.98	46.89	0.65	7.81	318.59	0.55	41.85
2.903	11.98	46.89	0.72	7.8	481.84	0.52	41.85
2.923	11.97	46.89	0.65	7.79	457.04	0.51	41.86
2.942	11.97	46.89	0.76	7.78	321.03	0.47	41.86
2.962	11.97	46.88	0.61	7.77	357.98	0.53	41.85
2.986	11.97	46.88	0.57	7.77	363.16	0.5	41.85
3.01	11.96	46.87	0.65	7.76	386.89	0.53	41.85
3.034	11.96	46.87	0.69	7.75	450.21	0.49	41.85
3.051	11.96	46.87	0.69	7.75	439.49	0.53	41.85
3.061	11.96	46.87	0.61	7.75	397.15	0.52	41.85
3.066	11.96	46.88	0.72	7.74	399.65	0.56	41.86
3.07	11.96	46.87	0.53	7.74	318.37	0.53	41.85
3.072	11.96	46.86	0.84	7.75	353.12	0.56	41.85

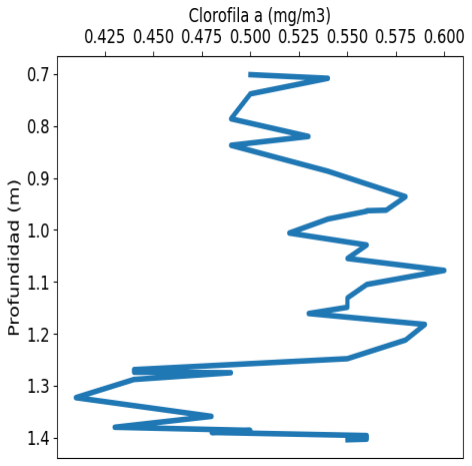
Nombre: CTD P01 - Punto 015 **Fecha: 08/01/2025** **Hora: 10:01:43**

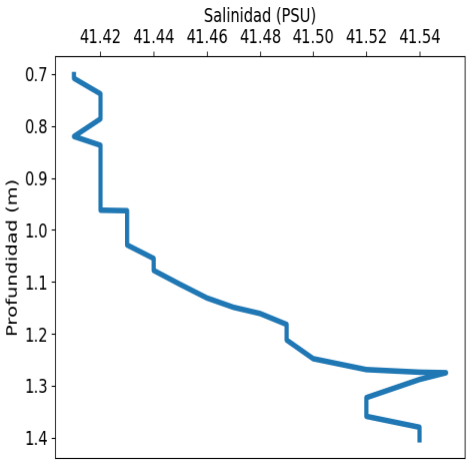


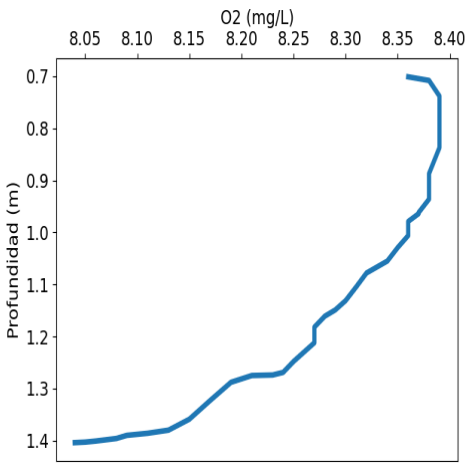


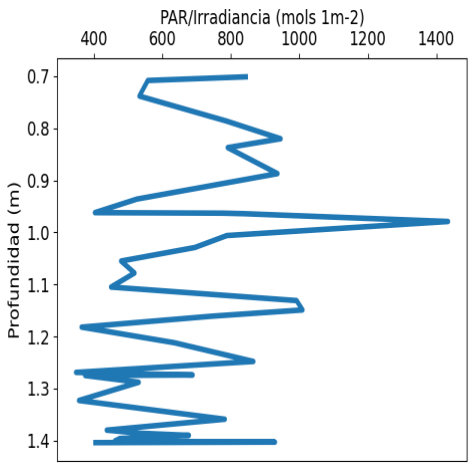












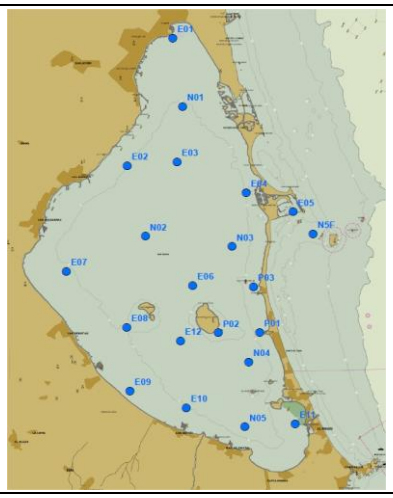
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.78	46.36	0.42	8.04	348.24	0.41	41.41
PROF (metros)	1.404	1.403	0.786	1.404	1.269	1.323	0.701
MÁXIMO	11.98	11.98	0.88	8.39	1433.9	0.6	41.55
PROF (metros)	0.701	0.701	0.962	0.738	0.979	1.078	1.275

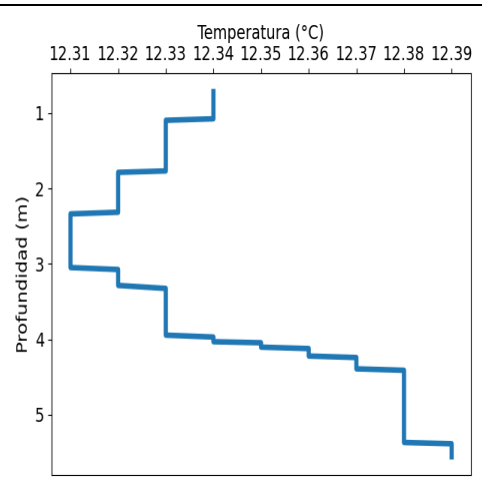
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.98	46.46	0.68	8.38	781.08	0.53	41.42
1 - 2m	11.86	46.41	0.64	8.21	606.36	0.52	41.5

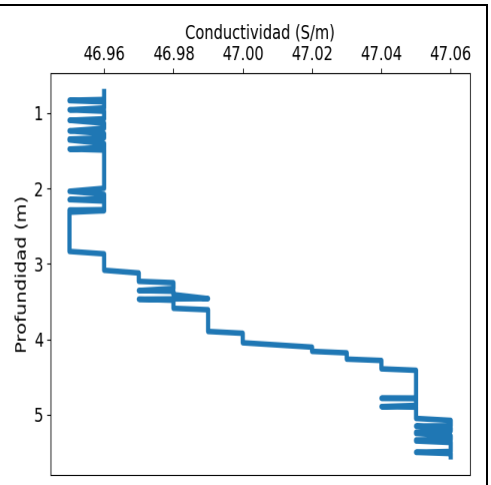
OBSERVACIONES GENERALES

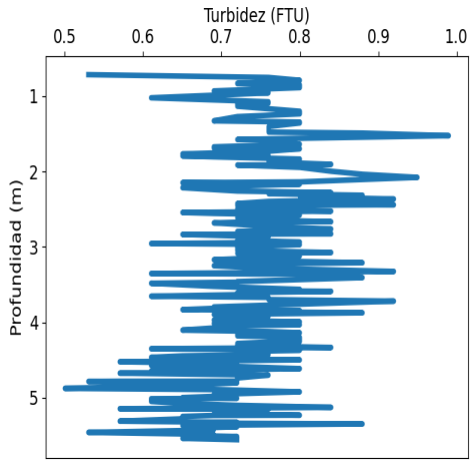
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	11.98	46.46	0.76	8.36	843.92	0.5	41.41
0.708	11.98	46.46	0.72	8.38	557.86	0.54	41.41
0.738	11.98	46.46	0.76	8.39	533.33	0.5	41.42
0.786	11.98	46.46	0.42	8.39	787.41	0.49	41.42
0.82	11.98	46.45	0.76	8.39	945.63	0.53	41.41
0.837	11.98	46.46	0.72	8.39	790.71	0.49	41.42
0.887	11.98	46.46	0.61	8.38	936.47	0.54	41.42
0.936	11.98	46.46	0.57	8.38	525.84	0.58	41.42
0.962	11.97	46.46	0.88	8.37	403.27	0.57	41.42
0.963	11.97	46.45	0.76	8.37	776.54	0.56	41.43
0.964	11.97	46.45	0.69	8.37	838.07	0.56	41.43
0.979	11.97	46.46	0.57	8.36	1433.9	0.54	41.43
1.006	11.97	46.46	0.69	8.36	788.51	0.52	41.43
1.029	11.97	46.46	0.61	8.35	694.94	0.56	41.43
1.055	11.96	46.46	0.5	8.34	479.73	0.55	41.44
1.078	11.95	46.45	0.53	8.32	519.3	0.6	41.44
1.105	11.94	46.45	0.61	8.31	450.42	0.56	41.45
1.131	11.93	46.45	0.61	8.3	991.88	0.55	41.46
1.149	11.92	46.44	0.57	8.29	1009.3	0.55	41.47
1.161	11.91	46.44	0.69	8.28	744.29	0.53	41.48
1.182	11.89	46.43	0.65	8.27	364.51	0.59	41.49
1.212	11.88	46.42	0.61	8.27	635.47	0.58	41.49
1.248	11.86	46.4	0.61	8.25	866.11	0.55	41.5
1.269	11.84	46.4	0.5	8.24	348.24	0.44	41.52
1.274	11.83	46.42	0.69	8.23	689.01	0.44	41.54
1.275	11.83	46.43	0.57	8.21	374.97	0.49	41.55
1.288	11.82	46.4	0.8	8.19	531.72	0.44	41.54
1.323	11.82	46.38	0.61	8.17	356.91	0.41	41.52
1.359	11.8	46.37	0.69	8.15	782.68	0.48	41.52
1.38	11.8	46.37	0.69	8.13	437.86	0.43	41.54
1.386	11.8	46.38	0.69	8.11	537.05	0.5	41.54
1.39	11.8	46.37	0.65	8.09	678.08	0.48	41.54
1.396	11.79	46.37	0.72	8.08	476.18	0.56	41.54
1.401	11.79	46.37	0.69	8.06	461.41	0.56	41.54
1.403	11.79	46.36	0.65	8.05	929.12	0.56	41.54
1.404	11.78	46.36	0.61	8.04	404.87	0.55	41.54

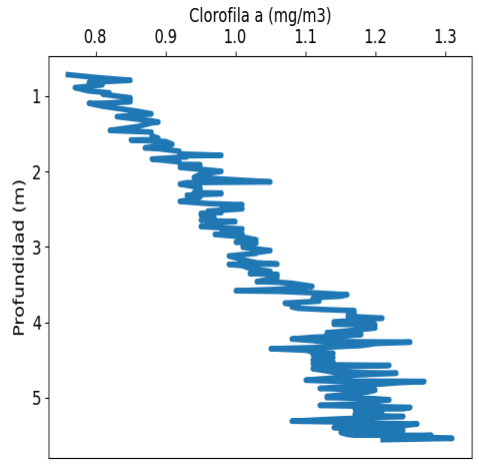
Nombre: CTD N04 - Punto 016 **Fecha: 08/01/2025** **Hora: 11:01:08**

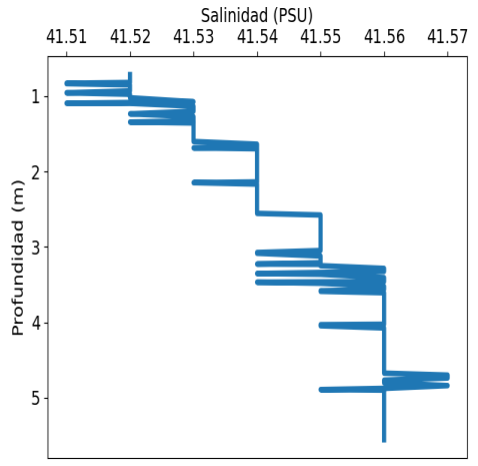


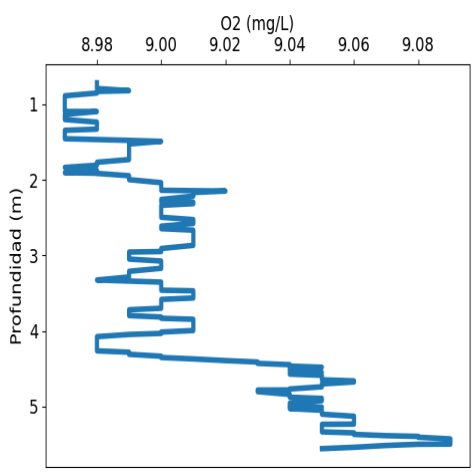


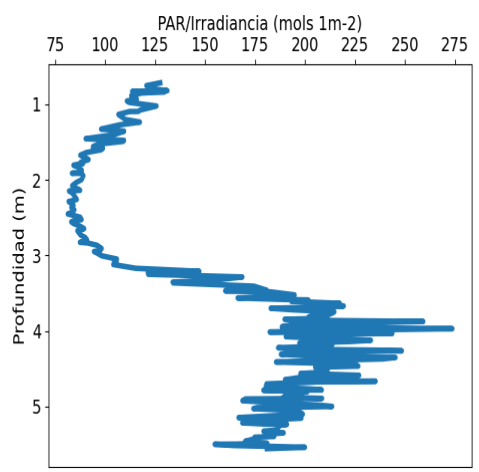












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.31	46.95	0.5	8.97	81.31	0.76	41.51
PROF (metros)	2.337	0.829	4.878	0.887	2.451	0.715	0.829
MÁXIMO	12.39	12.39	0.99	9.09	273.78	1.31	41.57
PROF (metros)	5.387	5.077	1.525	5.43	3.971	5.541	4.702

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N04 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.34	46.96	0.73	8.98	119.59	0.8	41.52
1 - 2m	12.33	46.96	0.76	8.98	98.06	0.89	41.53
2 - 3m	12.31	46.95	0.77	9.0	87.12	0.98	41.54
3 - 4m	12.33	46.98	0.75	9.0	176.02	1.08	41.55
4 - 5m	12.37	47.04	0.71	9.02	205.78	1.15	41.56
5 - 6m	12.38	47.06	0.68	9.06	182.73	1.2	41.56

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.715	12.34	46.96	0.53	8.98	127.65	0.76	41.52
0.752	12.34	46.96	0.76	8.98	120.63	0.8	41.52
0.79	12.34	46.96	0.8	8.98	122.35	0.85	41.52
0.819	12.34	46.96	0.76	8.99	131.25	0.79	41.52
0.829	12.34	46.95	0.72	8.98	113.5	0.8	41.51
0.834	12.34	46.95	0.72	8.98	129.89	0.81	41.51
0.85	12.34	46.96	0.8	8.98	118.12	0.81	41.52
0.887	12.34	46.96	0.8	8.97	113.05	0.77	41.52
0.931	12.34	46.96	0.69	8.97	115.97	0.79	41.52
0.956	12.34	46.95	0.76	8.97	110.87	0.82	41.51
0.975	12.34	46.96	0.72	8.97	112.22	0.81	41.52
1.022	12.34	46.96	0.61	8.97	125.8	0.85	41.52
1.075	12.34	46.96	0.76	8.97	117.6	0.85	41.53
1.094	12.33	46.95	0.76	8.97	116.62	0.81	41.51
1.095	12.33	46.95	0.72	8.98	112.27	0.79	41.52
1.134	12.33	46.96	0.72	8.97	106.64	0.81	41.53
1.201	12.33	46.96	0.8	8.97	110.16	0.86	41.53
1.235	12.33	46.95	0.8	8.98	117.49	0.88	41.52
1.272	12.33	46.96	0.72	8.98	107.19	0.83	41.53
1.328	12.33	46.96	0.69	8.98	97.97	0.88	41.53
1.344	12.33	46.95	0.8	8.97	106.02	0.89	41.52
1.356	12.33	46.95	0.8	8.97	109.6	0.88	41.53
1.403	12.33	46.96	0.76	8.97	104.29	0.86	41.53
1.455	12.33	46.96	0.76	8.97	90.25	0.82	41.53
1.477	12.33	46.95	0.76	8.99	109.55	0.88	41.53
1.49	12.33	46.96	0.88	9.0	109.09	0.88	41.53
1.525	12.33	46.96	0.99	8.99	97.11	0.88	41.53
1.559	12.33	46.96	0.8	8.99	93.94	0.89	41.53
1.576	12.33	46.96	0.72	8.99	93.9	0.89	41.53
1.582	12.33	46.96	0.76	8.99	99.02	0.85	41.53
1.602	12.33	46.96	0.76	8.99	98.04	0.9	41.53
1.638	12.33	46.96	0.8	8.99	90.63	0.91	41.54
1.673	12.33	46.96	0.69	8.99	87.57	0.88	41.54
1.687	12.33	46.96	0.69	8.99	88.67	0.87	41.53
1.698	12.33	46.96	0.8	8.99	89.67	0.89	41.54
1.731	12.33	46.96	0.76	8.99	91.81	0.92	41.54

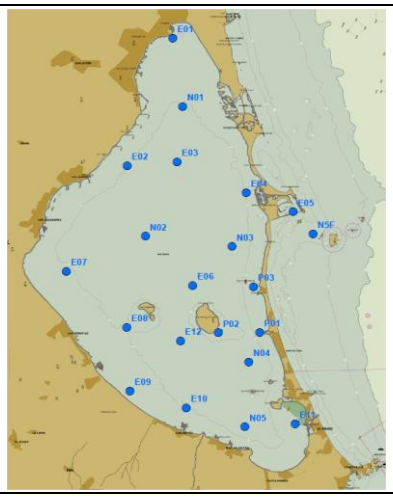
1.767	12.33	46.96	0.65	8.98	87.84	0.92	41.54
1.786	12.32	46.96	0.76	8.98	89.0	0.98	41.54
1.793	12.32	46.96	0.65	8.98	86.56	0.92	41.54
1.806	12.32	46.96	0.69	8.98	84.15	0.93	41.54
1.835	12.32	46.96	0.8	8.97	86.92	0.88	41.54
1.873	12.32	46.96	0.76	8.98	88.43	0.92	41.54
1.905	12.32	46.96	0.84	8.97	87.31	0.92	41.54
1.912	12.32	46.96	0.8	8.98	83.39	0.95	41.54
1.914	12.32	46.96	0.72	8.98	88.3	0.93	41.54
1.945	12.32	46.96	0.8	8.99	89.21	0.92	41.54
1.997	12.32	46.96	0.84	8.99	88.28	0.98	41.54
2.037	12.32	46.95	0.88	9.0	85.43	0.95	41.54
2.078	12.32	46.96	0.95	9.0	83.49	0.94	41.54
2.138	12.32	46.96	0.8	9.0	87.59	1.05	41.54
2.148	12.32	46.95	0.65	9.02	81.92	0.93	41.53
2.167	12.32	46.96	0.8	9.01	83.3	0.92	41.54
2.215	12.32	46.96	0.65	9.01	84.78	0.95	41.54
2.259	12.32	46.96	0.72	9.0	85.92	0.95	41.54
2.281	12.32	46.96	0.84	9.0	82.79	0.94	41.54
2.286	12.32	46.95	0.8	9.0	81.73	0.98	41.54
2.295	12.32	46.96	0.76	9.01	82.05	0.98	41.54
2.315	12.32	46.95	0.88	9.01	83.84	0.93	41.54
2.337	12.31	46.95	0.8	9.0	84.28	0.95	41.54
2.365	12.31	46.95	0.92	9.0	83.08	0.94	41.54
2.397	12.31	46.95	0.76	9.0	84.7	0.92	41.54
2.425	12.31	46.95	0.72	9.0	83.84	0.96	41.54
2.442	12.31	46.95	0.92	9.0	82.11	1.01	41.54
2.451	12.31	46.95	0.72	9.0	81.31	0.99	41.54
2.467	12.31	46.95	0.76	9.0	83.74	0.98	41.54
2.495	12.31	46.95	0.72	9.0	87.61	1.01	41.54
2.526	12.31	46.95	0.84	9.01	88.32	0.96	41.54
2.544	12.31	46.95	0.65	9.01	84.19	0.98	41.54
2.556	12.31	46.95	0.69	9.01	83.04	0.95	41.54
2.577	12.31	46.95	0.8	9.01	84.13	0.95	41.55
2.613	12.31	46.95	0.72	9.0	87.57	0.97	41.55
2.646	12.31	46.95	0.76	9.0	89.6	0.95	41.55
2.666	12.31	46.95	0.84	9.01	87.92	1.0	41.55
2.673	12.31	46.95	0.72	9.01	86.1	0.98	41.55
2.682	12.31	46.95	0.69	9.01	86.38	0.98	41.55
2.7	12.31	46.95	0.72	9.01	86.88	0.98	41.55
2.73	12.31	46.95	0.76	9.01	87.73	0.95	41.55
2.763	12.31	46.95	0.84	9.01	90.14	1.01	41.55
2.795	12.31	46.95	0.72	9.01	91.05	0.98	41.55
2.821	12.31	46.95	0.72	9.01	89.15	1.0	41.55
2.827	12.31	46.95	0.84	9.01	87.39	1.01	41.55
2.835	12.31	46.95	0.65	9.01	91.26	0.97	41.55
2.867	12.31	46.96	0.76	9.01	96.1	1.01	41.55
2.909	12.31	46.96	0.72	9.0	98.35	1.03	41.55
2.937	12.31	46.96	0.8	9.0	97.58	1.0	41.55
2.949	12.31	46.96	0.69	9.0	94.4	1.03	41.55
2.956	12.31	46.96	0.61	8.99	95.12	1.01	41.55
2.97	12.31	46.96	0.8	8.99	96.06	1.01	41.55
3.005	12.31	46.96	0.72	8.99	98.24	1.01	41.55
3.049	12.31	46.96	0.72	8.99	106.0	1.05	41.55
3.075	12.32	46.96	0.84	9.0	104.51	1.03	41.54
3.085	12.32	46.96	0.72	9.0	105.85	1.03	41.54
3.121	12.32	46.97	0.8	9.0	104.08	0.99	41.55
3.171	12.32	46.97	0.69	9.0	115.38	1.01	41.55

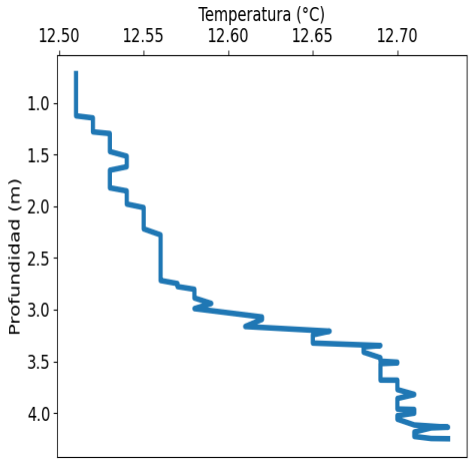
3.211	12.32	46.97	0.88	8.99	147.21	1.03	41.55
3.228	12.32	46.97	0.72	8.99	123.06	1.06	41.54
3.232	12.32	46.97	0.76	8.99	121.36	0.99	41.55
3.25	12.32	46.98	0.69	8.99	121.56	1.01	41.55
3.286	12.32	46.98	0.76	8.99	168.74	1.02	41.56
3.326	12.33	46.98	0.92	8.98	154.91	1.05	41.56
3.354	12.33	46.97	0.61	9.0	133.77	1.02	41.54
3.364	12.33	46.98	0.84	9.0	134.02	1.06	41.55
3.408	12.33	46.98	0.88	9.0	174.47	1.06	41.56
3.461	12.33	46.99	0.72	9.0	180.89	1.03	41.56
3.469	12.33	46.97	0.72	9.01	160.06	1.06	41.54
3.483	12.33	46.98	0.61	9.01	182.75	1.08	41.55
3.524	12.33	46.98	0.69	9.01	194.86	1.11	41.56
3.564	12.33	46.98	0.8	9.01	166.26	1.06	41.56
3.583	12.33	46.98	0.76	9.0	189.04	1.0	41.55
3.59	12.33	46.98	0.84	9.0	201.71	1.06	41.55
3.609	12.33	46.99	0.72	9.0	193.16	1.11	41.56
3.635	12.33	46.99	0.72	9.0	217.49	1.16	41.56
3.655	12.33	46.99	0.61	9.0	211.18	1.15	41.56
3.67	12.33	46.99	0.76	9.0	219.47	1.12	41.56
3.684	12.33	46.99	0.76	9.0	210.16	1.11	41.56
3.7	12.33	46.99	0.76	9.0	182.79	1.12	41.56
3.72	12.33	46.99	0.92	8.99	193.51	1.12	41.56
3.747	12.33	46.99	0.84	8.99	214.74	1.07	41.56
3.774	12.33	46.99	0.76	8.99	212.9	1.09	41.56
3.797	12.33	46.99	0.69	8.99	203.73	1.08	41.56
3.816	12.33	46.99	0.69	9.0	201.76	1.09	41.56
3.833	12.33	46.99	0.65	9.0	211.38	1.13	41.56
3.846	12.33	46.99	0.8	9.01	189.74	1.17	41.56
3.859	12.33	46.99	0.72	9.01	197.5	1.16	41.56
3.875	12.33	46.99	0.88	9.01	259.21	1.17	41.56
3.897	12.33	46.99	0.69	9.01	222.28	1.17	41.56
3.921	12.33	47.0	0.76	9.01	192.93	1.16	41.56
3.946	12.33	47.0	0.72	9.01	188.38	1.21	41.56
3.971	12.34	47.0	0.69	9.01	273.78	1.18	41.56
3.995	12.34	47.0	0.8	9.01	208.22	1.14	41.56
4.015	12.34	47.0	0.69	9.0	182.28	1.14	41.56
4.027	12.34	47.0	0.76	9.0	214.64	1.14	41.56
4.033	12.34	47.0	0.8	9.0	243.76	1.2	41.55
4.047	12.35	47.0	0.72	8.99	204.2	1.18	41.55
4.076	12.35	47.01	0.69	8.98	190.36	1.2	41.56
4.105	12.35	47.02	0.65	8.98	213.75	1.17	41.56
4.124	12.36	47.02	0.76	8.98	233.05	1.15	41.56
4.14	12.36	47.02	0.8	8.98	223.26	1.13	41.56
4.161	12.36	47.02	0.72	8.98	197.14	1.18	41.56
4.181	12.36	47.03	0.72	8.98	213.7	1.16	41.56
4.2	12.36	47.03	0.8	8.98	210.16	1.11	41.56
4.223	12.36	47.03	0.8	8.98	186.51	1.08	41.56
4.243	12.37	47.03	0.8	8.98	194.91	1.11	41.56
4.256	12.37	47.03	0.8	8.98	238.95	1.12	41.56
4.264	12.37	47.03	0.76	8.98	248.5	1.25	41.56
4.282	12.37	47.04	0.72	8.99	196.32	1.2	41.56
4.31	12.37	47.04	0.72	8.99	187.9	1.18	41.56
4.335	12.37	47.04	0.84	9.0	208.61	1.12	41.56
4.352	12.37	47.04	0.61	9.0	245.35	1.05	41.56
4.371	12.37	47.04	0.8	9.01	238.68	1.1	41.56
4.393	12.37	47.04	0.72	9.02	205.73	1.11	41.56
4.412	12.38	47.05	0.72	9.03	185.48	1.14	41.56

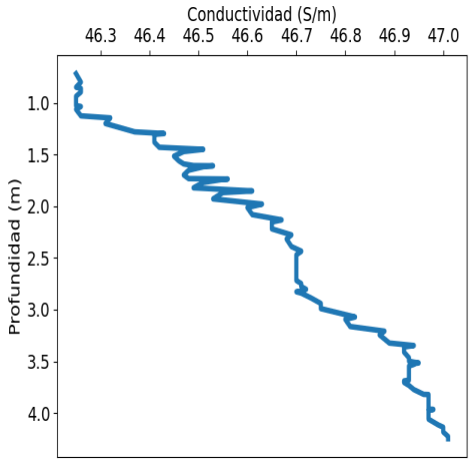
4.43	12.38	47.05	0.76	9.03	212.36	1.11	41.56
4.447	12.38	47.05	0.65	9.04	225.08	1.13	41.56
4.466	12.38	47.05	0.61	9.04	226.71	1.14	41.56
4.481	12.38	47.05	0.65	9.05	205.06	1.12	41.56
4.5	12.38	47.05	0.8	9.04	206.11	1.11	41.56
4.525	12.38	47.05	0.57	9.04	211.33	1.14	41.56
4.55	12.38	47.05	0.72	9.05	207.98	1.11	41.56
4.564	12.38	47.05	0.69	9.04	197.69	1.12	41.56
4.572	12.38	47.05	0.61	9.04	208.7	1.22	41.56
4.588	12.38	47.05	0.72	9.05	227.13	1.17	41.56
4.616	12.38	47.05	0.8	9.05	197.69	1.11	41.56
4.647	12.38	47.05	0.61	9.05	189.96	1.13	41.56
4.662	12.38	47.05	0.72	9.06	207.45	1.14	41.56
4.666	12.38	47.05	0.65	9.06	235.38	1.15	41.56
4.676	12.38	47.05	0.57	9.06	205.77	1.23	41.56
4.702	12.38	47.05	0.76	9.05	180.73	1.17	41.57
4.74	12.38	47.05	0.72	9.05	180.35	1.14	41.57
4.769	12.38	47.05	0.72	9.04	202.65	1.1	41.56
4.782	12.38	47.05	0.72	9.04	208.46	1.14	41.56
4.783	12.38	47.04	0.57	9.03	189.96	1.24	41.56
4.786	12.38	47.05	0.53	9.03	179.14	1.27	41.56
4.804	12.38	47.05	0.72	9.03	201.24	1.23	41.56
4.841	12.38	47.05	0.65	9.04	191.64	1.18	41.57
4.878	12.38	47.05	0.5	9.04	189.08	1.12	41.56
4.894	12.38	47.04	0.69	9.05	208.61	1.17	41.55
4.901	12.38	47.05	0.72	9.05	170.2	1.2	41.56
4.924	12.38	47.05	0.8	9.05	168.66	1.19	41.56
4.957	12.38	47.05	0.69	9.04	189.39	1.16	41.56
4.984	12.38	47.05	0.69	9.04	207.26	1.13	41.56
5.0	12.38	47.05	0.65	9.04	213.65	1.13	41.56
5.009	12.38	47.05	0.72	9.05	196.45	1.18	41.56
5.015	12.38	47.05	0.61	9.05	176.18	1.2	41.56
5.029	12.38	47.05	0.61	9.04	174.11	1.22	41.56
5.051	12.38	47.05	0.61	9.05	192.75	1.2	41.56
5.077	12.38	47.06	0.65	9.05	197.5	1.19	41.56
5.103	12.38	47.06	0.72	9.05	198.97	1.12	41.56
5.13	12.38	47.06	0.84	9.06	179.43	1.25	41.56
5.148	12.38	47.06	0.57	9.06	166.72	1.24	41.56
5.152	12.38	47.05	0.69	9.06	189.56	1.17	41.56
5.154	12.38	47.05	0.76	9.06	198.28	1.21	41.56
5.181	12.38	47.06	0.72	9.06	181.31	1.21	41.56
5.217	12.38	47.06	0.69	9.06	168.59	1.17	41.56
5.234	12.38	47.05	0.8	9.06	180.81	1.21	41.56
5.237	12.38	47.05	0.69	9.05	191.06	1.18	41.56
5.25	12.38	47.05	0.65	9.05	187.64	1.24	41.56
5.282	12.38	47.06	0.65	9.05	186.6	1.15	41.56
5.313	12.38	47.06	0.57	9.05	185.52	1.08	41.56
5.329	12.38	47.06	0.72	9.05	179.22	1.19	41.56
5.337	12.38	47.05	0.65	9.05	181.94	1.18	41.56
5.35	12.38	47.05	0.88	9.06	189.39	1.26	41.56
5.37	12.38	47.06	0.65	9.06	180.22	1.24	41.56
5.387	12.39	47.06	0.72	9.07	183.55	1.21	41.56
5.397	12.39	47.06	0.69	9.08	184.66	1.14	41.56
5.408	12.39	47.06	0.69	9.08	174.79	1.19	41.56
5.43	12.39	47.06	0.69	9.09	174.63	1.24	41.56
5.462	12.39	47.06	0.53	9.09	170.0	1.15	41.56
5.489	12.39	47.06	0.69	9.09	181.19	1.16	41.56
5.499	12.39	47.05	0.65	9.09	165.45	1.17	41.56

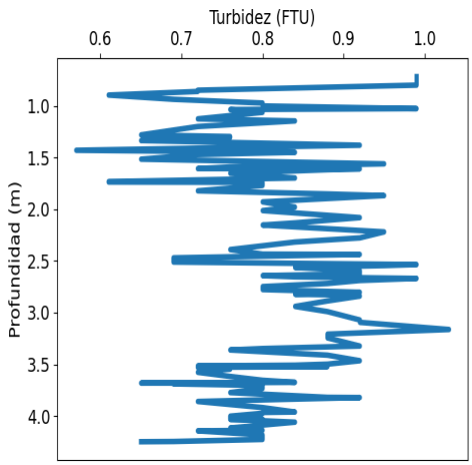
5.501	12.39	47.05	0.65	9.08	154.8	1.28	41.56
5.517	12.39	47.06	0.72	9.07	164.27	1.24	41.56
5.541	12.39	47.06	0.65	9.06	200.04	1.31	41.56
5.559	12.39	47.06	0.72	9.05	180.89	1.21	41.56

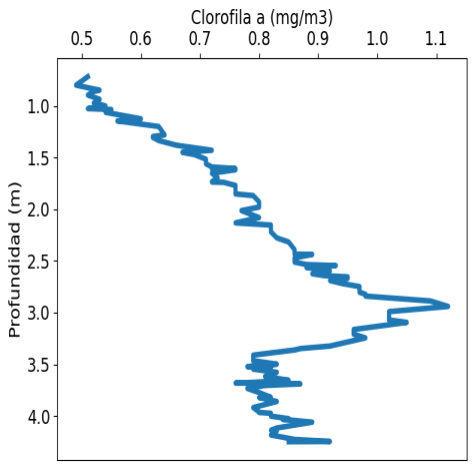
Nombre: CTD E11 - Punto 017 **Fecha: 08/01/2025** **Hora: 11:01:50**

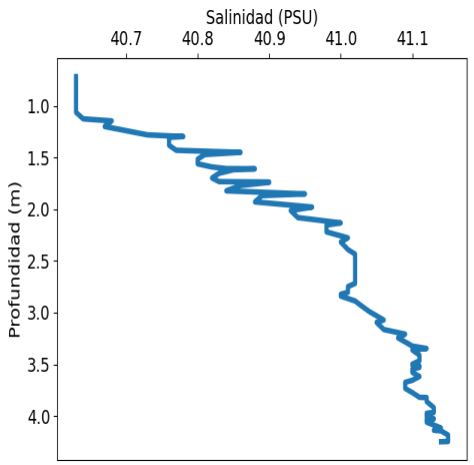


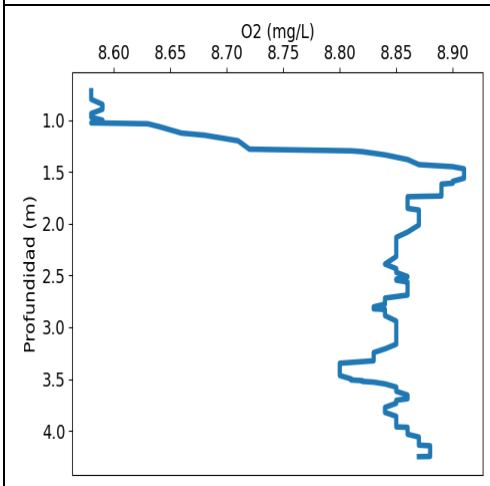


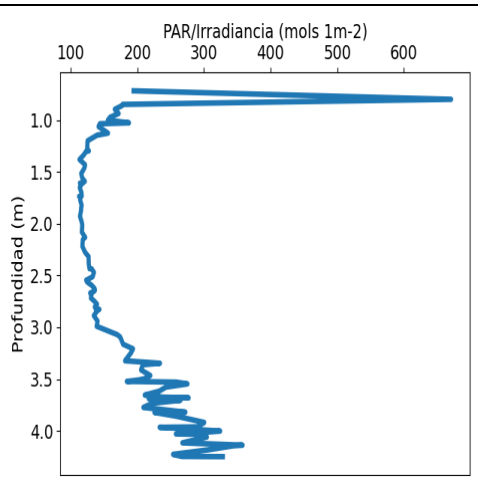












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.51	46.25	0.57	8.58	112.71	0.49	40.63
PROF (metros)	0.718	0.718	1.43	0.718	1.737	0.8	0.718
MÁXIMO	12.73	12.73	1.03	8.91	670.88	1.12	41.15
PROF (metros)	4.137	4.226	3.163	1.471	0.8	2.94	4.183

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.51	46.25	0.79	8.59	245.49	0.52	40.63
1 - 2m	12.53	46.44	0.78	8.82	124.84	0.68	40.79
2 - 3m	12.56	46.7	0.86	8.85	130.66	0.91	41.01
3 - 4m	12.68	46.92	0.82	8.84	226.44	0.84	41.1
4 - 5m	12.71	46.99	0.76	8.87	298.15	0.85	41.13

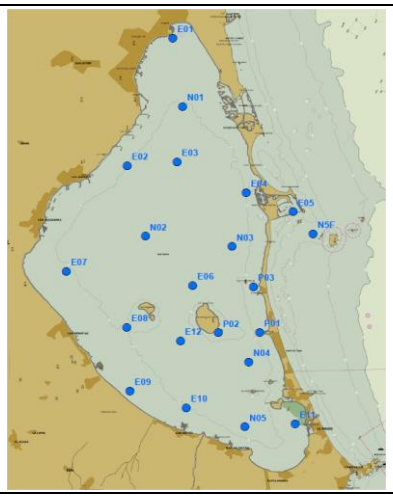
OBSERVACIONES GENERALES

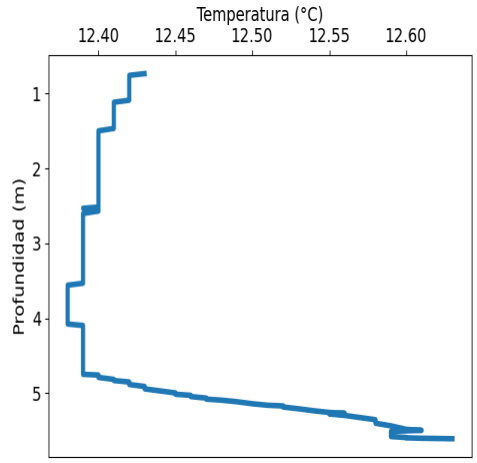
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.718	12.51	46.25	0.99	8.58	194.55	0.51	40.63
0.8	12.51	46.26	0.99	8.58	670.88	0.49	40.63
0.849	12.51	46.25	0.72	8.59	178.06	0.53	40.63
0.861	12.51	46.26	0.72	8.59	177.16	0.52	40.63
0.896	12.51	46.26	0.61	8.59	166.33	0.51	40.63
0.937	12.51	46.25	0.69	8.58	172.1	0.53	40.63
0.973	12.51	46.25	0.8	8.58	159.35	0.52	40.63
1.001	12.51	46.25	0.8	8.59	155.96	0.54	40.63
1.027	12.51	46.25	0.99	8.58	187.68	0.51	40.63
1.036	12.51	46.26	0.76	8.63	143.97	0.55	40.63
1.063	12.51	46.25	0.8	8.64	141.95	0.54	40.63
1.126	12.51	46.26	0.72	8.66	156.24	0.6	40.64
1.146	12.52	46.32	0.84	8.68	139.83	0.56	40.68
1.2	12.52	46.31	0.72	8.71	125.51	0.63	40.67
1.281	12.52	46.37	0.65	8.72	124.96	0.64	40.73
1.297	12.53	46.43	0.76	8.81	127.53	0.62	40.78
1.305	12.53	46.41	0.76	8.82	122.86	0.62	40.76
1.336	12.53	46.41	0.65	8.84	119.88	0.63	40.76
1.381	12.53	46.41	0.92	8.86	113.37	0.66	40.76
1.43	12.53	46.42	0.57	8.87	121.7	0.72	40.77
1.45	12.53	46.51	0.84	8.9	121.36	0.67	40.86
1.471	12.53	46.47	0.72	8.91	120.08	0.69	40.81
1.516	12.54	46.45	0.65	8.91	115.97	0.71	40.8
1.561	12.54	46.46	0.95	8.91	117.6	0.71	40.8
1.591	12.54	46.47	0.76	8.9	121.42	0.72	40.82
1.607	12.54	46.49	0.72	8.9	118.45	0.76	40.84
1.609	12.54	46.53	0.92	8.9	113.95	0.72	40.88
1.618	12.54	46.51	0.88	8.89	116.7	0.76	40.85
1.652	12.53	46.48	0.76	8.89	113.71	0.72	40.83
1.698	12.53	46.47	0.84	8.89	116.32	0.73	40.82
1.733	12.53	46.48	0.61	8.89	116.76	0.72	40.83
1.737	12.53	46.56	0.61	8.87	112.71	0.72	40.9
1.74	12.53	46.55	0.8	8.86	115.17	0.74	40.9
1.77	12.53	46.51	0.8	8.86	114.29	0.76	40.86
1.822	12.53	46.49	0.72	8.86	116.65	0.76	40.84
1.852	12.54	46.61	0.88	8.86	115.81	0.76	40.95
1.868	12.54	46.55	0.95	8.87	115.92	0.79	40.89

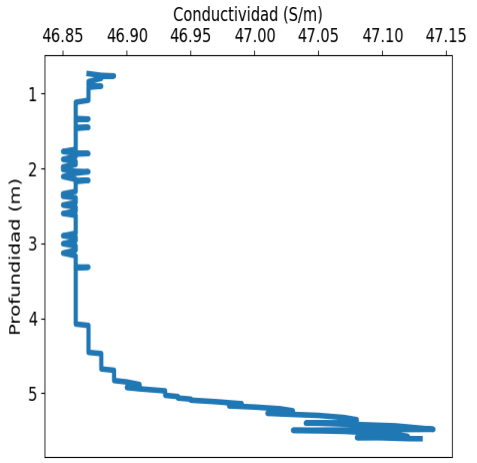
1.929	12.54	46.53	0.8	8.87	114.11	0.8	40.88
1.979	12.54	46.63	0.84	8.87	116.57	0.8	40.96
2.013	12.55	46.6	0.8	8.87	117.57	0.77	40.93
2.081	12.55	46.61	0.92	8.86	116.92	0.8	40.94
2.132	12.55	46.67	0.84	8.85	121.96	0.76	41.0
2.153	12.55	46.65	0.8	8.85	118.36	0.82	40.98
2.219	12.55	46.65	0.95	8.85	117.76	0.82	40.98
2.277	12.56	46.69	0.92	8.85	121.84	0.83	41.01
2.317	12.56	46.68	0.84	8.85	127.03	0.85	41.0
2.39	12.56	46.69	0.76	8.84	127.3	0.86	41.01
2.434	12.56	46.71	0.8	8.85	128.37	0.86	41.02
2.437	12.56	46.71	0.92	8.85	131.83	0.89	41.02
2.47	12.56	46.7	0.69	8.85	135.11	0.86	41.02
2.511	12.56	46.7	0.69	8.86	133.25	0.86	41.02
2.535	12.56	46.7	0.99	8.85	126.77	0.88	41.02
2.545	12.56	46.7	0.95	8.85	123.35	0.93	41.02
2.563	12.56	46.7	0.84	8.86	124.9	0.88	41.02
2.595	12.56	46.7	0.92	8.86	131.77	0.92	41.02
2.624	12.56	46.7	0.92	8.86	135.87	0.89	41.02
2.642	12.56	46.7	0.8	8.86	136.59	0.91	41.02
2.654	12.56	46.7	0.84	8.86	134.99	0.95	41.02
2.669	12.56	46.7	0.99	8.86	129.44	0.95	41.02
2.689	12.56	46.7	0.92	8.86	131.34	0.92	41.02
2.718	12.56	46.7	0.88	8.84	130.56	0.94	41.02
2.748	12.57	46.71	0.8	8.84	135.68	0.97	41.01
2.777	12.57	46.71	0.8	8.84	139.79	0.97	41.01
2.803	12.58	46.72	0.92	8.83	136.31	0.97	41.01
2.822	12.58	46.71	0.84	8.83	137.8	0.98	41.0
2.827	12.58	46.7	0.88	8.84	143.37	0.98	41.0
2.84	12.58	46.71	0.92	8.84	140.18	0.98	41.0
2.887	12.58	46.73	0.88	8.84	134.83	1.09	41.02
2.94	12.59	46.75	0.84	8.85	140.54	1.12	41.03
2.99	12.58	46.75	0.88	8.85	139.12	1.02	41.04
3.071	12.62	46.82	0.92	8.85	170.12	1.02	41.06
3.094	12.62	46.8	0.92	8.85	174.55	1.05	41.05
3.163	12.61	46.81	1.03	8.85	178.77	0.96	41.06
3.208	12.66	46.88	0.88	8.84	193.74	0.96	41.09
3.244	12.65	46.87	0.88	8.83	190.89	0.98	41.08
3.323	12.65	46.89	0.92	8.83	181.69	0.92	41.1
3.347	12.69	46.94	0.8	8.8	234.24	0.87	41.12
3.361	12.68	46.92	0.76	8.8	208.41	0.86	41.1
3.411	12.68	46.92	0.88	8.8	205.73	0.79	41.11
3.465	12.69	46.93	0.92	8.8	219.77	0.79	41.11
3.498	12.69	46.93	0.88	8.81	210.21	0.83	41.1
3.508	12.7	46.94	0.84	8.81	202.23	0.82	41.1
3.515	12.7	46.95	0.72	8.82	193.69	0.79	41.11
3.522	12.69	46.94	0.88	8.82	184.32	0.78	41.11
3.529	12.69	46.94	0.72	8.83	258.49	0.82	41.11
3.546	12.69	46.93	0.76	8.84	275.43	0.79	41.1
3.577	12.69	46.93	0.72	8.85	243.14	0.83	41.1
3.617	12.69	46.93	0.76	8.85	232.67	0.81	41.11
3.654	12.69	46.93	0.8	8.86	211.23	0.85	41.1
3.674	12.69	46.93	0.84	8.86	239.01	0.79	41.09
3.681	12.69	46.93	0.65	8.86	277.23	0.76	41.09
3.682	12.7	46.93	0.8	8.86	235.05	0.82	41.09
3.689	12.7	46.92	0.69	8.86	217.24	0.87	41.09
3.704	12.7	46.92	0.8	8.85	264.91	0.81	41.09
3.733	12.7	46.93	0.8	8.85	222.85	0.78	41.09

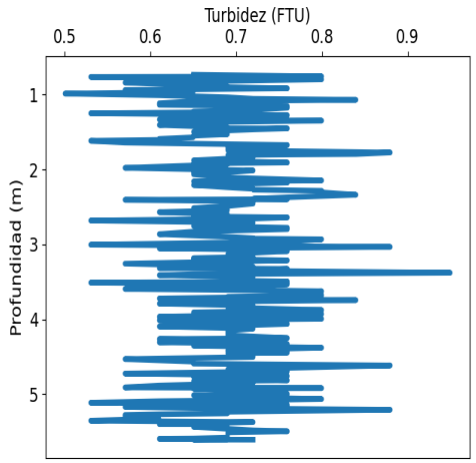
3.773	12.7	46.94	0.76	8.84	209.19	0.8	41.1
3.819	12.71	46.96	0.88	8.84	272.32	0.82	41.11
3.821	12.71	46.97	0.92	8.84	225.76	0.8	41.12
3.859	12.7	46.97	0.72	8.85	259.63	0.83	41.12
3.918	12.7	46.97	0.8	8.85	300.58	0.79	41.13
3.961	12.7	46.97	0.84	8.85	289.98	0.8	41.13
3.965	12.71	46.98	0.8	8.86	233.59	0.8	41.13
3.973	12.71	46.97	0.8	8.86	255.86	0.82	41.12
4.001	12.71	46.97	0.76	8.86	324.48	0.82	41.12
4.025	12.7	46.97	0.76	8.86	277.29	0.85	41.13
4.029	12.7	46.97	0.8	8.86	257.95	0.85	41.13
4.032	12.7	46.97	0.76	8.86	288.97	0.84	41.12
4.059	12.7	46.97	0.84	8.87	304.51	0.89	41.12
4.115	12.71	46.99	0.76	8.87	267.63	0.83	41.14
4.137	12.73	47.0	0.8	8.87	358.07	0.82	41.13
4.143	12.72	47.0	0.72	8.88	344.31	0.83	41.14
4.183	12.71	47.0	0.8	8.88	305.64	0.82	41.15
4.226	12.71	47.01	0.8	8.88	253.68	0.86	41.15
4.246	12.72	47.01	0.69	8.88	266.76	0.92	41.15
4.248	12.73	47.01	0.65	8.87	328.49	0.85	41.14

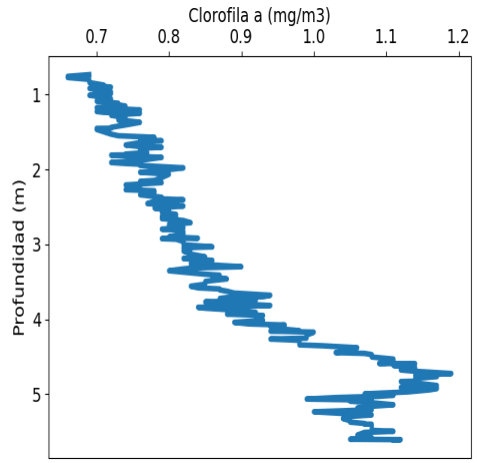
Nombre: CTD N05 - Punto 018 **Fecha: 08/01/2025** **Hora: 11:01:11**

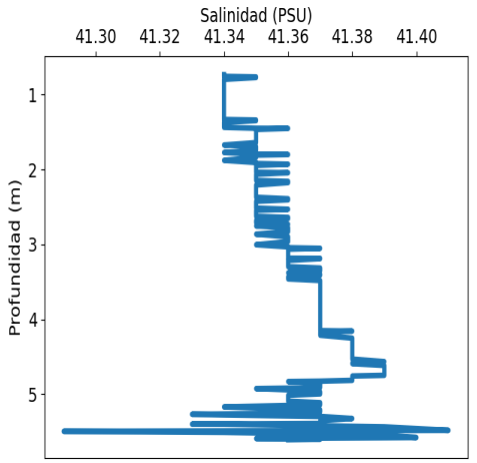


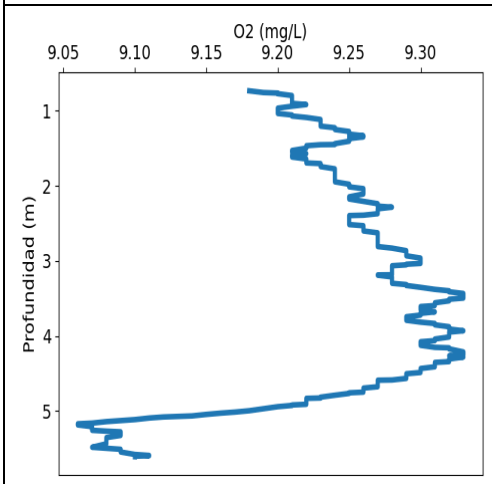


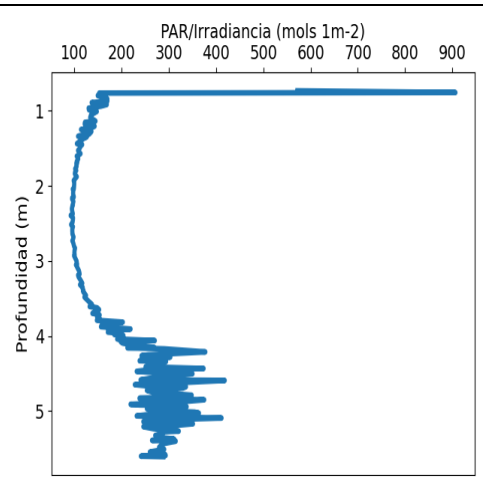












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.38	46.85	0.5	9.06	92.15	0.66	41.29
PROF (metros)	3.581	1.773	0.986	5.172	2.396	0.756	5.498
MÁXIMO	12.63	12.63	0.95	9.33	906.78	1.19	41.41
PROF (metros)	5.609	5.485	3.38	3.435	0.756	4.726	5.485

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.42	46.87	0.66	9.2	242.55	0.69	41.34
1 - 2m	12.41	46.86	0.68	9.23	115.44	0.74	41.35
2 - 3m	12.4	46.86	0.7	9.27	97.08	0.79	41.35
3 - 4m	12.39	46.86	0.7	9.3	136.06	0.86	41.37
4 - 5m	12.4	46.88	0.7	9.28	279.77	1.07	41.38
5 - 6m	12.55	47.04	0.67	9.09	293.9	1.07	41.36

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)
0.733	12.43	46.87	0.65	9.18	572.13	0.69	41.34
0.756	12.42	46.88	0.8	9.19	906.78	0.66	41.34
0.763	12.42	46.89	0.53	9.2	152.49	0.66	41.35
0.771	12.42	46.88	0.72	9.2	167.81	0.66	41.35
0.796	12.42	46.88	0.8	9.21	149.34	0.69	41.34
0.839	12.42	46.87	0.57	9.21	169.88	0.69	41.34
0.872	12.42	46.87	0.65	9.21	169.88	0.71	41.34
0.89	12.42	46.87	0.69	9.21	136.46	0.71	41.34
0.9	12.42	46.88	0.69	9.21	142.84	0.72	41.34
0.916	12.42	46.87	0.76	9.22	168.74	0.69	41.34
0.938	12.42	46.87	0.57	9.21	156.06	0.7	41.34
0.964	12.42	46.87	0.65	9.2	130.01	0.72	41.34
0.986	12.42	46.87	0.5	9.2	130.74	0.72	41.34
1.008	12.42	46.87	0.61	9.2	147.62	0.69	41.34
1.035	12.42	46.87	0.69	9.2	140.12	0.71	41.34
1.055	12.42	46.87	0.72	9.21	134.99	0.72	41.34
1.069	12.42	46.87	0.84	9.21	135.46	0.71	41.34
1.088	12.42	46.87	0.65	9.22	133.46	0.7	41.34
1.115	12.41	46.86	0.61	9.23	139.18	0.73	41.34
1.136	12.41	46.86	0.61	9.23	144.81	0.73	41.34
1.153	12.41	46.86	0.76	9.23	122.35	0.74	41.34
1.175	12.41	46.86	0.76	9.23	121.67	0.7	41.34
1.204	12.41	46.86	0.72	9.23	143.04	0.76	41.34
1.225	12.41	46.86	0.65	9.24	135.99	0.7	41.34
1.237	12.41	46.86	0.65	9.24	124.07	0.71	41.34
1.249	12.41	46.86	0.53	9.24	113.9	0.76	41.34
1.275	12.41	46.86	0.76	9.25	136.24	0.72	41.34
1.31	12.41	46.86	0.65	9.25	131.37	0.74	41.34
1.332	12.41	46.86	0.61	9.26	110.62	0.74	41.34
1.339	12.41	46.87	0.69	9.25	107.68	0.73	41.35
1.347	12.41	46.86	0.8	9.26	126.36	0.74	41.35
1.37	12.41	46.86	0.65	9.25	119.16	0.76	41.34
1.405	12.41	46.86	0.61	9.25	111.73	0.74	41.34
1.437	12.41	46.86	0.69	9.24	105.26	0.72	41.34
1.449	12.41	46.86	0.69	9.24	116.59	0.72	41.35
1.451	12.41	46.87	0.76	9.23	116.43	0.7	41.36

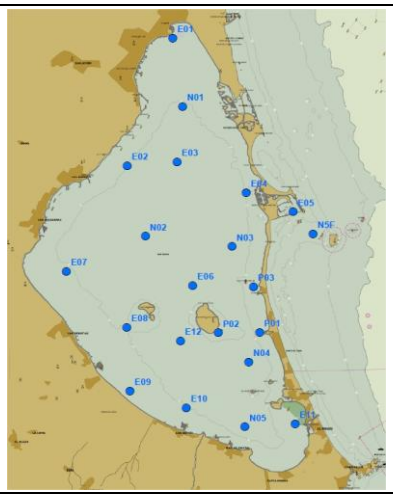
1.465	12.41	46.86	0.72	9.22	113.37	0.7	41.35
1.497	12.4	46.86	0.65	9.22	111.44	0.71	41.35
1.528	12.4	46.86	0.69	9.21	107.66	0.72	41.35
1.549	12.4	46.86	0.65	9.21	109.88	0.73	41.35
1.57	12.4	46.86	0.65	9.22	113.13	0.78	41.35
1.591	12.4	46.86	0.61	9.21	108.79	0.77	41.35
1.604	12.4	46.86	0.61	9.21	104.85	0.76	41.35
1.616	12.4	46.86	0.53	9.21	107.14	0.79	41.35
1.641	12.4	46.86	0.57	9.22	108.16	0.76	41.35
1.673	12.4	46.86	0.76	9.22	104.92	0.74	41.34
1.694	12.4	46.86	0.69	9.22	105.93	0.76	41.35
1.703	12.4	46.86	0.69	9.23	104.0	0.79	41.35
1.717	12.4	46.86	0.69	9.23	104.8	0.76	41.35
1.743	12.4	46.86	0.69	9.23	104.58	0.76	41.35
1.773	12.4	46.85	0.88	9.24	101.6	0.77	41.34
1.794	12.4	46.86	0.84	9.24	104.08	0.74	41.35
1.8	12.4	46.87	0.76	9.24	102.45	0.77	41.36
1.808	12.4	46.86	0.69	9.24	101.79	0.72	41.35
1.838	12.4	46.86	0.72	9.24	100.89	0.79	41.35
1.878	12.4	46.85	0.65	9.24	105.19	0.76	41.34
1.907	12.4	46.86	0.76	9.24	101.13	0.72	41.35
1.92	12.4	46.86	0.65	9.24	99.62	0.74	41.35
1.929	12.4	46.86	0.69	9.24	98.51	0.76	41.36
1.946	12.4	46.86	0.65	9.24	99.62	0.76	41.35
1.978	12.4	46.85	0.57	9.25	99.62	0.82	41.35
2.013	12.4	46.85	0.72	9.25	99.18	0.79	41.35
2.037	12.4	46.86	0.69	9.26	98.97	0.76	41.35
2.043	12.4	46.87	0.65	9.26	96.46	0.77	41.36
2.064	12.4	46.86	0.65	9.26	97.6	0.8	41.35
2.108	12.4	46.85	0.69	9.26	97.33	0.79	41.35
2.146	12.4	46.86	0.8	9.25	98.74	0.78	41.35
2.158	12.4	46.86	0.69	9.25	98.13	0.76	41.36
2.159	12.4	46.87	0.65	9.25	95.28	0.76	41.36
2.175	12.4	46.86	0.76	9.25	95.17	0.79	41.36
2.207	12.4	46.86	0.65	9.26	97.99	0.74	41.35
2.238	12.4	46.86	0.69	9.27	96.84	0.76	41.35
2.258	12.4	46.86	0.72	9.27	96.82	0.75	41.35
2.27	12.4	46.86	0.72	9.27	95.74	0.74	41.35
2.284	12.4	46.86	0.8	9.28	95.35	0.78	41.35
2.306	12.4	46.86	0.8	9.27	94.6	0.78	41.35
2.338	12.4	46.85	0.84	9.27	95.43	0.76	41.35
2.371	12.4	46.85	0.76	9.27	96.7	0.79	41.35
2.391	12.4	46.86	0.72	9.26	92.37	0.78	41.36
2.396	12.4	46.86	0.76	9.25	92.15	0.8	41.36
2.405	12.4	46.86	0.57	9.25	94.75	0.82	41.36
2.425	12.4	46.86	0.72	9.25	97.13	0.78	41.35
2.455	12.4	46.86	0.72	9.25	96.82	0.77	41.35
2.488	12.4	46.85	0.69	9.25	96.1	0.82	41.35
2.516	12.4	46.86	0.65	9.25	93.05	0.78	41.35
2.531	12.39	46.86	0.69	9.26	94.36	0.79	41.36
2.545	12.4	46.86	0.69	9.26	97.06	0.8	41.35
2.569	12.4	46.86	0.61	9.26	95.66	0.79	41.35
2.601	12.39	46.85	0.69	9.26	95.61	0.81	41.35
2.626	12.39	46.86	0.65	9.27	95.86	0.79	41.35
2.64	12.39	46.86	0.76	9.27	95.77	0.81	41.36
2.656	12.39	46.86	0.72	9.27	96.66	0.79	41.36
2.682	12.39	46.86	0.53	9.27	98.26	0.82	41.35
2.711	12.39	46.86	0.72	9.27	97.13	0.83	41.35

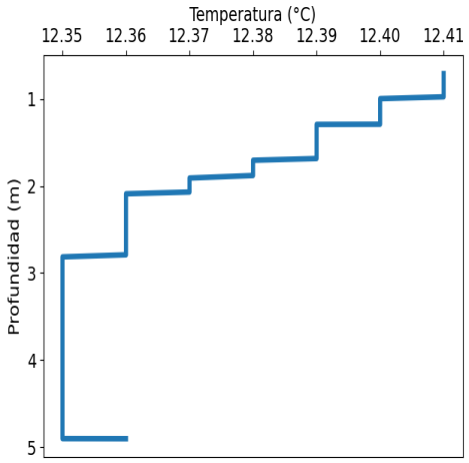
2.732	12.39	46.86	0.69	9.27	95.66	0.8	41.36
2.754	12.39	46.86	0.65	9.27	97.31	0.8	41.35
2.778	12.39	46.86	0.76	9.27	98.26	0.82	41.36
2.797	12.39	46.86	0.76	9.27	98.97	0.79	41.36
2.809	12.39	46.86	0.72	9.27	99.57	0.81	41.36
2.83	12.39	46.86	0.65	9.28	101.36	0.82	41.36
2.864	12.39	46.86	0.61	9.29	100.33	0.82	41.35
2.899	12.39	46.85	0.69	9.29	100.03	0.8	41.36
2.918	12.39	46.86	0.72	9.29	100.59	0.84	41.36
2.924	12.39	46.86	0.72	9.29	100.38	0.79	41.36
2.932	12.39	46.86	0.8	9.29	99.41	0.81	41.36
2.963	12.39	46.86	0.76	9.3	101.72	0.82	41.36
3.005	12.39	46.85	0.53	9.3	104.88	0.82	41.35
3.034	12.39	46.86	0.88	9.3	104.97	0.86	41.36
3.045	12.39	46.86	0.76	9.29	105.8	0.82	41.36
3.053	12.39	46.86	0.61	9.29	103.28	0.82	41.37
3.065	12.39	46.86	0.69	9.28	104.51	0.83	41.36
3.09	12.39	46.86	0.76	9.28	106.47	0.82	41.36
3.13	12.39	46.85	0.69	9.28	109.5	0.83	41.36
3.167	12.39	46.86	0.72	9.28	110.98	0.85	41.36
3.185	12.39	46.86	0.65	9.28	108.71	0.84	41.36
3.187	12.39	46.86	0.72	9.27	110.39	0.82	41.37
3.191	12.39	46.86	0.65	9.27	107.78	0.82	41.37
3.214	12.39	46.86	0.76	9.28	108.91	0.86	41.36
3.258	12.39	46.86	0.57	9.28	113.21	0.83	41.36
3.299	12.39	46.86	0.72	9.28	116.84	0.9	41.36
3.316	12.39	46.86	0.61	9.29	114.45	0.83	41.37
3.318	12.39	46.87	0.61	9.29	111.93	0.83	41.37
3.328	12.39	46.86	0.76	9.29	113.47	0.82	41.37
3.353	12.39	46.86	0.72	9.3	117.65	0.8	41.37
3.38	12.39	46.86	0.95	9.31	117.82	0.83	41.36
3.399	12.39	46.86	0.65	9.32	119.38	0.85	41.37
3.412	12.39	46.86	0.61	9.32	118.67	0.87	41.37
3.435	12.39	46.86	0.72	9.33	121.64	0.86	41.36
3.462	12.39	46.86	0.69	9.33	124.76	0.88	41.36
3.483	12.39	46.86	0.69	9.33	121.22	0.86	41.37
3.496	12.39	46.86	0.76	9.33	123.35	0.85	41.37
3.512	12.39	46.86	0.53	9.32	125.83	0.85	41.37
3.533	12.39	46.86	0.76	9.32	129.08	0.85	41.37
3.559	12.38	46.86	0.72	9.31	133.49	0.83	41.37
3.581	12.38	46.86	0.72	9.31	137.35	0.84	41.37
3.596	12.38	46.86	0.57	9.31	133.4	0.87	41.37
3.609	12.38	46.86	0.69	9.3	132.23	0.87	41.37
3.626	12.38	46.86	0.8	9.3	148.2	0.88	41.37
3.651	12.38	46.86	0.76	9.3	152.49	0.89	41.37
3.68	12.38	46.86	0.8	9.31	143.94	0.94	41.37
3.7	12.38	46.86	0.69	9.3	138.06	0.93	41.37
3.71	12.38	46.86	0.69	9.3	149.51	0.88	41.37
3.723	12.38	46.86	0.61	9.3	153.62	0.87	41.37
3.745	12.38	46.86	0.84	9.29	147.86	0.92	41.37
3.769	12.38	46.86	0.65	9.29	153.45	0.85	41.37
3.792	12.38	46.86	0.61	9.29	147.45	0.89	41.37
3.817	12.38	46.86	0.72	9.3	202.65	0.94	41.37
3.835	12.38	46.86	0.69	9.31	159.65	0.87	41.37
3.841	12.38	46.86	0.69	9.31	165.99	0.84	41.37
3.853	12.38	46.86	0.72	9.31	157.99	0.85	41.37
3.878	12.38	46.86	0.8	9.32	156.17	0.89	41.37
3.909	12.38	46.86	0.65	9.32	219.06	0.92	41.37

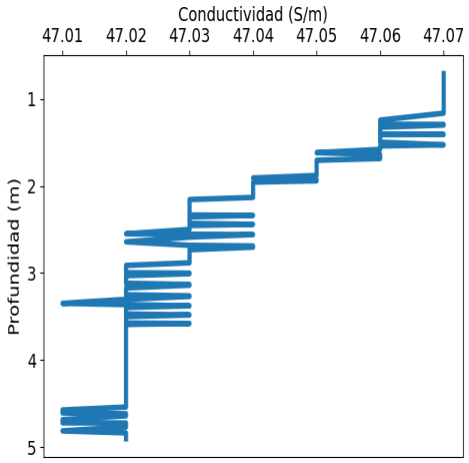
3.932	12.38	46.86	0.8	9.33	171.5	0.88	41.37
3.95	12.38	46.86	0.69	9.32	170.79	0.93	41.37
3.967	12.38	46.86	0.61	9.32	200.59	0.92	41.37
3.982	12.38	46.86	0.72	9.32	184.36	0.92	41.37
3.995	12.38	46.86	0.8	9.32	203.87	0.92	41.37
4.015	12.38	46.86	0.61	9.32	203.59	0.93	41.37
4.042	12.38	46.86	0.69	9.31	190.49	0.89	41.37
4.063	12.38	46.86	0.76	9.31	270.37	0.91	41.37
4.078	12.38	46.86	0.72	9.3	198.01	0.96	41.37
4.097	12.39	46.87	0.61	9.3	202.46	0.94	41.37
4.126	12.39	46.87	0.72	9.3	227.87	0.95	41.37
4.153	12.39	46.87	0.69	9.31	269.12	0.98	41.37
4.159	12.39	46.87	0.69	9.32	212.07	0.94	41.38
4.173	12.39	46.87	0.69	9.32	290.45	1.0	41.37
4.214	12.39	46.87	0.69	9.33	377.32	0.99	41.37
4.253	12.39	46.87	0.76	9.33	255.98	0.99	41.38
4.265	12.39	46.87	0.61	9.32	242.02	0.94	41.38
4.282	12.39	46.87	0.69	9.33	303.31	0.98	41.38
4.309	12.39	46.87	0.61	9.32	254.21	0.98	41.38
4.332	12.39	46.87	0.76	9.32	237.96	0.98	41.38
4.343	12.39	46.87	0.72	9.32	294.17	0.98	41.38
4.354	12.39	46.87	0.65	9.31	283.92	1.01	41.38
4.381	12.39	46.87	0.8	9.31	277.1	1.06	41.38
4.412	12.39	46.87	0.69	9.31	250.52	1.05	41.38
4.435	12.39	46.87	0.69	9.3	373.67	1.04	41.38
4.446	12.39	46.87	0.76	9.3	290.78	1.03	41.38
4.457	12.39	46.87	0.69	9.3	251.75	1.07	41.38
4.473	12.39	46.88	0.72	9.3	231.81	1.08	41.38
4.488	12.39	46.88	0.72	9.3	265.47	1.08	41.38
4.505	12.39	46.88	0.72	9.29	350.19	1.08	41.38
4.533	12.39	46.88	0.57	9.29	307.92	1.11	41.38
4.567	12.39	46.88	0.65	9.29	258.37	1.11	41.39
4.588	12.39	46.88	0.65	9.28	240.01	1.1	41.38
4.591	12.39	46.88	0.65	9.27	368.93	1.09	41.38
4.594	12.39	46.88	0.65	9.27	418.41	1.14	41.38
4.618	12.39	46.88	0.88	9.27	341.45	1.11	41.39
4.65	12.39	46.88	0.76	9.27	227.87	1.14	41.39
4.67	12.39	46.88	0.69	9.27	259.87	1.12	41.39
4.678	12.39	46.88	0.72	9.27	336.34	1.12	41.39
4.696	12.39	46.89	0.76	9.26	329.71	1.14	41.39
4.726	12.39	46.89	0.57	9.26	253.33	1.19	41.39
4.75	12.39	46.89	0.72	9.26	264.85	1.14	41.39
4.759	12.4	46.89	0.76	9.25	286.64	1.17	41.38
4.767	12.4	46.89	0.65	9.25	303.59	1.17	41.38
4.791	12.4	46.89	0.69	9.24	348.41	1.14	41.38
4.817	12.41	46.89	0.76	9.23	323.65	1.14	41.38
4.828	12.41	46.89	0.65	9.23	238.62	1.14	41.37
4.833	12.41	46.89	0.69	9.22	237.68	1.12	41.36
4.852	12.42	46.9	0.72	9.22	374.97	1.14	41.37
4.886	12.42	46.91	0.61	9.22	311.43	1.17	41.37
4.912	12.43	46.91	0.57	9.22	218.76	1.12	41.37
4.921	12.43	46.9	0.8	9.21	238.34	1.17	41.36
4.927	12.43	46.9	0.65	9.21	307.13	1.17	41.35
4.944	12.43	46.91	0.69	9.2	337.75	1.16	41.36
4.971	12.44	46.93	0.72	9.19	253.44	1.13	41.37
4.998	12.45	46.93	0.76	9.18	276.39	1.07	41.37
5.016	12.45	46.93	0.65	9.17	354.43	1.11	41.36
5.03	12.46	46.93	0.72	9.16	363.75	1.09	41.36

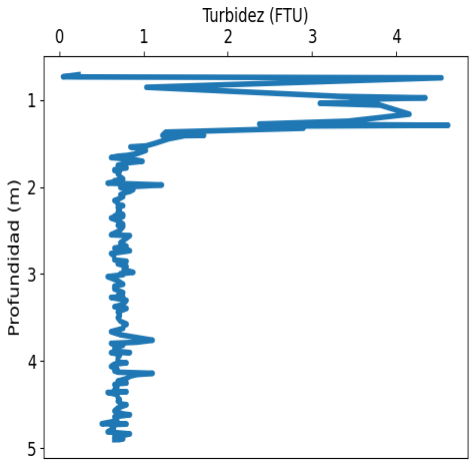
5.047	12.46	46.94	0.72	9.15	259.15	1.03	41.36
5.067	12.47	46.94	0.8	9.14	231.75	0.99	41.36
5.081	12.47	46.95	0.72	9.12	299.68	1.08	41.36
5.095	12.48	46.95	0.61	9.11	411.68	1.05	41.36
5.116	12.49	46.97	0.53	9.1	303.45	1.08	41.37
5.143	12.5	46.99	0.76	9.08	245.92	1.11	41.37
5.163	12.51	46.98	0.76	9.07	322.45	1.08	41.35
5.172	12.52	46.98	0.57	9.06	351.16	1.08	41.34
5.187	12.52	47.0	0.65	9.06	325.3	1.06	41.35
5.21	12.53	47.02	0.88	9.07	245.98	1.08	41.37
5.237	12.54	47.03	0.69	9.07	267.2	1.0	41.37
5.259	12.55	47.03	0.69	9.07	299.4	1.04	41.36
5.27	12.56	47.01	0.61	9.08	321.11	1.07	41.33
5.279	12.55	47.02	0.57	9.09	287.63	1.08	41.34
5.299	12.56	47.05	0.57	9.09	287.77	1.05	41.37
5.327	12.57	47.07	0.61	9.09	271.06	1.04	41.38
5.356	12.58	47.08	0.53	9.08	283.66	1.05	41.37
5.375	12.58	47.08	0.72	9.08	311.07	1.05	41.37
5.393	12.58	47.08	0.65	9.08	264.3	1.07	41.37
5.402	12.58	47.04	0.61	9.08	314.19	1.07	41.33
5.403	12.58	47.05	0.69	9.08	314.63	1.08	41.34
5.438	12.59	47.11	0.65	9.08	287.37	1.08	41.39
5.485	12.6	47.14	0.72	9.07	279.23	1.08	41.41
5.498	12.61	47.03	0.76	9.08	287.03	1.11	41.29
5.512	12.59	47.07	0.69	9.09	290.25	1.07	41.34
5.548	12.59	47.11	0.69	9.09	259.69	1.06	41.39
5.581	12.59	47.12	0.69	9.1	292.41	1.08	41.4
5.594	12.6	47.08	0.65	9.11	293.36	1.08	41.35
5.598	12.6	47.1	0.61	9.11	253.62	1.08	41.36
5.604	12.61	47.11	0.69	9.1	240.73	1.05	41.37
5.609	12.63	47.12	0.65	9.1	283.92	1.12	41.36
5.61	12.63	47.13	0.72	9.1	288.37	1.11	41.36

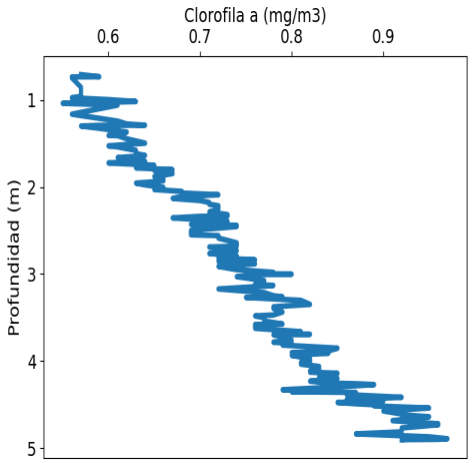
Nombre: CTD E10 - Punto 019 **Fecha: 08/01/2025** **Hora: 11:01:27**

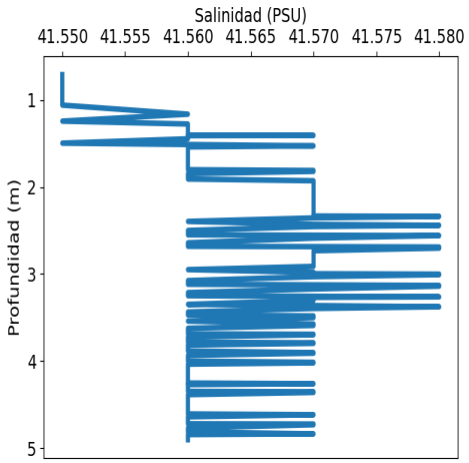


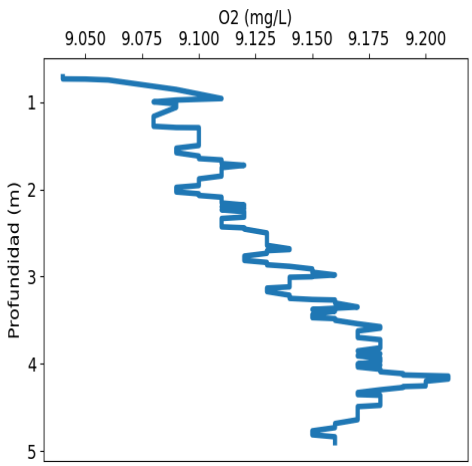


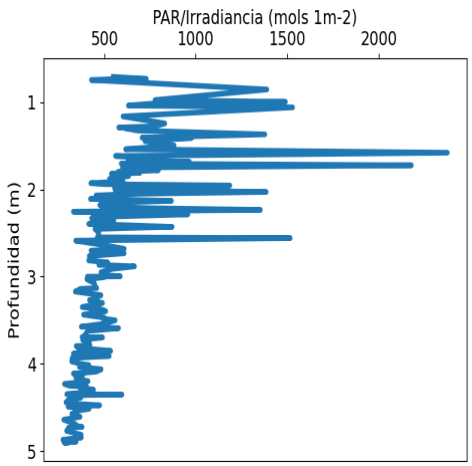












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.35	47.01	0.04	9.04	272.07	0.55	41.55
PROF (metros)	2.814	3.348	0.733	0.709	4.87	1.038	0.709
MÁXIMO	12.41	12.41	4.62	9.21	2376.5	0.97	41.58
PROF (metros)	0.709	0.709	1.29	4.14	1.579	4.892	2.337

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.41	47.07	2.15	9.07	847.5	0.57	41.55
1 - 2m	12.39	47.06	1.6	9.1	812.46	0.62	41.56
2 - 3m	12.36	47.03	0.73	9.12	598.97	0.72	41.57
3 - 4m	12.35	47.02	0.73	9.16	431.94	0.79	41.57
4 - 5m	12.35	47.02	0.72	9.18	356.59	0.88	41.56

OBSERVACIONES GENERALES

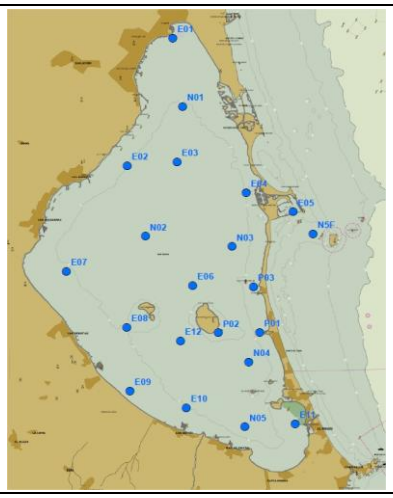
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.709	12.41	47.07	0.23	9.04	548.24	0.57	41.55
0.733	12.41	47.07	0.04	9.04	730.79	0.59	41.55
0.735	12.41	47.07	0.23	9.05	550.41	0.56	41.55
0.745	12.41	47.07	4.54	9.06	428.03	0.56	41.55
0.854	12.41	47.07	1.03	9.09	1389.7	0.57	41.55
0.958	12.41	47.07	3.32	9.11	865.51	0.57	41.55
0.975	12.41	47.07	4.35	9.09	775.82	0.56	41.55
0.996	12.4	47.07	3.47	9.08	1491.5	0.6	41.55
1.018	12.4	47.07	3.78	9.09	748.44	0.63	41.55
1.038	12.4	47.07	3.09	9.09	630.19	0.55	41.55
1.059	12.4	47.07	3.81	9.09	1530.7	0.61	41.55
1.163	12.4	47.07	4.16	9.08	600.81	0.56	41.56
1.243	12.4	47.06	3.43	9.08	831.88	0.61	41.55
1.276	12.4	47.06	2.37	9.08	777.62	0.62	41.56
1.29	12.4	47.06	4.62	9.09	577.59	0.64	41.56
1.292	12.39	47.07	4.39	9.1	708.27	0.59	41.56
1.299	12.39	47.07	2.9	9.1	613.9	0.57	41.56
1.325	12.39	47.06	2.9	9.1	682.02	0.59	41.56
1.369	12.39	47.06	1.26	9.1	1378.8	0.62	41.56
1.406	12.39	47.06	1.22	9.1	705.16	0.61	41.56
1.407	12.39	47.07	1.72	9.1	775.1	0.6	41.57
1.41	12.39	47.06	1.49	9.1	977.73	0.61	41.56
1.446	12.39	47.06	1.3	9.1	721.03	0.62	41.56
1.496	12.39	47.06	1.14	9.1	882.73	0.64	41.55
1.527	12.39	47.07	1.03	9.09	687.41	0.6	41.57
1.539	12.39	47.06	0.84	9.09	615.04	0.61	41.56
1.579	12.39	47.06	1.03	9.09	2376.5	0.63	41.56
1.617	12.39	47.05	0.92	9.1	559.93	0.63	41.56
1.637	12.39	47.06	0.8	9.1	721.36	0.64	41.56
1.646	12.39	47.06	0.69	9.1	768.13	0.63	41.56
1.662	12.39	47.06	0.61	9.11	627.85	0.61	41.56
1.684	12.39	47.06	0.88	9.11	966.69	0.62	41.56
1.704	12.38	47.05	0.99	9.11	591.14	0.64	41.56
1.723	12.38	47.05	0.8	9.12	2180.2	0.6	41.56
1.75	12.38	47.05	0.69	9.11	598.03	0.65	41.56
1.78	12.38	47.05	0.8	9.11	796.41	0.63	41.56
1.801	12.38	47.05	0.65	9.11	572.53	0.67	41.56

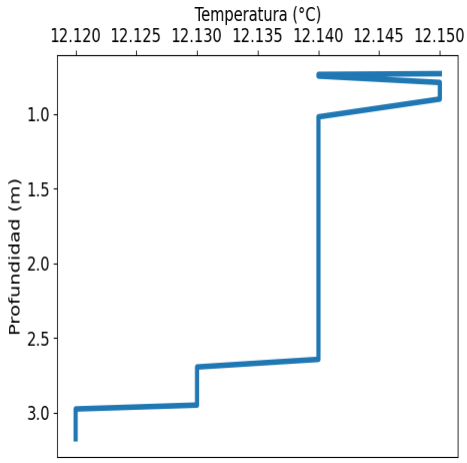
1.81	12.38	47.05	0.65	9.11	695.26	0.65	41.57
1.82	12.38	47.05	0.72	9.11	537.3	0.66	41.57
1.846	12.38	47.05	0.69	9.11	634.14	0.67	41.56
1.879	12.38	47.05	0.72	9.1	527.18	0.65	41.56
1.908	12.37	47.04	0.76	9.1	603.18	0.66	41.56
1.928	12.37	47.05	0.65	9.1	424.86	0.66	41.57
1.94	12.37	47.05	0.65	9.1	506.58	0.65	41.57
1.955	12.37	47.04	0.57	9.1	1187.3	0.63	41.57
1.976	12.37	47.04	1.22	9.09	554.63	0.64	41.57
2.003	12.37	47.04	0.72	9.09	557.21	0.66	41.57
2.029	12.37	47.04	0.88	9.09	1386.2	0.65	41.57
2.05	12.37	47.04	0.84	9.1	686.93	0.68	41.57
2.069	12.37	47.04	0.76	9.1	453.45	0.68	41.57
2.089	12.36	47.04	0.72	9.11	585.0	0.72	41.57
2.109	12.36	47.04	0.76	9.11	423.0	0.68	41.57
2.131	12.36	47.04	0.72	9.11	867.92	0.67	41.57
2.155	12.36	47.03	0.65	9.11	490.86	0.7	41.57
2.178	12.36	47.03	0.69	9.12	473.76	0.71	41.57
2.198	12.36	47.03	0.69	9.11	487.57	0.71	41.57
2.215	12.36	47.03	0.76	9.12	750.7	0.72	41.57
2.234	12.36	47.03	0.69	9.11	1354.4	0.72	41.57
2.255	12.36	47.03	0.72	9.12	329.48	0.72	41.57
2.286	12.36	47.03	0.69	9.12	957.77	0.71	41.57
2.317	12.36	47.03	0.76	9.12	435.03	0.73	41.57
2.333	12.36	47.03	0.65	9.11	429.22	0.73	41.57
2.337	12.36	47.04	0.76	9.11	534.94	0.7	41.58
2.355	12.36	47.03	0.61	9.11	553.09	0.67	41.57
2.395	12.36	47.03	0.72	9.11	413.4	0.73	41.56
2.429	12.36	47.03	0.76	9.11	871.95	0.69	41.57
2.44	12.36	47.04	0.69	9.12	666.7	0.74	41.58
2.454	12.36	47.03	0.76	9.12	447.5	0.74	41.57
2.499	12.36	47.03	0.72	9.13	471.13	0.69	41.56
2.549	12.36	47.02	0.61	9.13	460.44	0.69	41.56
2.558	12.36	47.04	0.84	9.13	1517.6	0.72	41.58
2.587	12.36	47.03	0.8	9.13	342.24	0.72	41.57
2.641	12.36	47.02	0.72	9.13	504.82	0.74	41.56
2.681	12.36	47.03	0.8	9.14	609.64	0.74	41.56
2.689	12.36	47.04	0.72	9.14	538.3	0.71	41.58
2.702	12.36	47.04	0.65	9.13	425.75	0.72	41.58
2.732	12.36	47.03	0.84	9.13	609.36	0.74	41.57
2.764	12.36	47.03	0.61	9.12	416.19	0.71	41.57
2.79	12.36	47.03	0.65	9.12	448.33	0.74	41.57
2.814	12.35	47.03	0.65	9.12	413.21	0.72	41.57
2.837	12.35	47.03	0.65	9.13	519.06	0.76	41.57
2.853	12.35	47.03	0.8	9.13	492.46	0.72	41.57
2.864	12.35	47.03	0.72	9.13	468.52	0.75	41.57
2.882	12.35	47.03	0.69	9.14	665.93	0.76	41.57
2.912	12.35	47.02	0.8	9.15	541.05	0.72	41.57
2.949	12.35	47.02	0.76	9.15	480.62	0.74	41.56
2.98	12.35	47.02	0.88	9.16	487.69	0.78	41.57
2.996	12.35	47.02	0.72	9.15	588.27	0.77	41.57
3.001	12.35	47.03	0.72	9.15	406.18	0.8	41.58
3.007	12.35	47.03	0.76	9.14	498.54	0.76	41.58
3.03	12.35	47.02	0.57	9.14	403.37	0.74	41.57
3.075	12.35	47.02	0.69	9.14	446.05	0.77	41.56
3.117	12.35	47.02	0.76	9.14	452.09	0.76	41.56
3.131	12.35	47.03	0.69	9.13	459.38	0.78	41.58
3.139	12.35	47.03	0.65	9.13	369.87	0.77	41.58

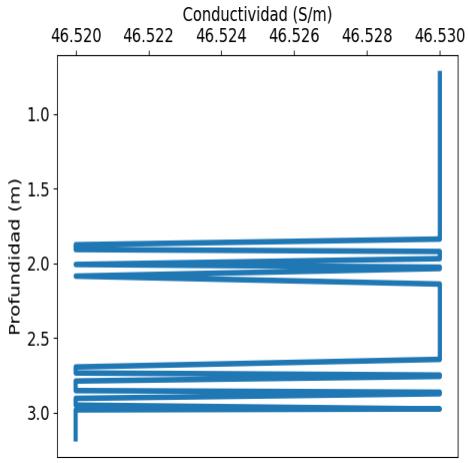
3.171	12.35	47.02	0.65	9.13	339.87	0.72	41.57
3.213	12.35	47.02	0.76	9.14	482.85	0.77	41.56
3.249	12.35	47.02	0.69	9.14	447.3	0.78	41.56
3.262	12.35	47.03	0.76	9.15	433.92	0.79	41.58
3.268	12.35	47.03	0.61	9.16	417.35	0.75	41.57
3.302	12.35	47.02	0.8	9.16	491.09	0.81	41.57
3.348	12.35	47.01	0.76	9.17	377.67	0.82	41.56
3.376	12.35	47.03	0.65	9.15	484.98	0.78	41.58
3.395	12.35	47.02	0.8	9.16	508.7	0.78	41.57
3.436	12.35	47.02	0.69	9.15	385.01	0.79	41.56
3.47	12.35	47.02	0.72	9.15	500.74	0.78	41.56
3.481	12.35	47.03	0.72	9.16	491.89	0.76	41.57
3.5	12.35	47.02	0.69	9.16	560.45	0.77	41.57
3.54	12.35	47.02	0.72	9.17	498.31	0.77	41.56
3.574	12.35	47.02	0.8	9.18	372.89	0.79	41.57
3.579	12.35	47.03	0.8	9.18	436.74	0.76	41.57
3.59	12.35	47.02	0.76	9.18	578.8	0.76	41.57
3.623	12.35	47.02	0.76	9.17	410.35	0.76	41.56
3.662	12.35	47.02	0.61	9.17	394.67	0.81	41.56
3.687	12.35	47.02	0.69	9.17	399.74	0.79	41.56
3.692	12.35	47.02	0.72	9.17	376.8	0.82	41.57
3.697	12.35	47.02	0.72	9.17	491.32	0.78	41.57
3.723	12.35	47.02	0.88	9.18	379.87	0.79	41.56
3.76	12.35	47.02	1.11	9.18	418.41	0.8	41.56
3.783	12.35	47.02	0.92	9.18	422.21	0.78	41.56
3.79	12.35	47.02	0.76	9.18	399.18	0.79	41.57
3.796	12.35	47.02	0.61	9.18	344.79	0.8	41.57
3.816	12.35	47.02	0.76	9.18	355.42	0.79	41.56
3.851	12.35	47.02	0.65	9.17	536.06	0.85	41.56
3.884	12.35	47.02	0.65	9.18	328.87	0.84	41.56
3.902	12.35	47.02	0.84	9.17	481.17	0.8	41.57
3.903	12.35	47.02	0.61	9.17	387.07	0.82	41.57
3.909	12.35	47.02	0.65	9.17	528.04	0.84	41.57
3.934	12.35	47.02	0.72	9.18	322.83	0.8	41.56
3.972	12.35	47.02	0.69	9.18	320.66	0.82	41.56
4.0	12.35	47.02	0.69	9.17	372.37	0.82	41.56
4.014	12.35	47.02	0.72	9.18	416.48	0.81	41.57
4.02	12.35	47.02	0.8	9.17	382.34	0.82	41.57
4.035	12.35	47.02	0.65	9.17	362.41	0.81	41.56
4.062	12.35	47.02	0.61	9.18	483.63	0.83	41.56
4.09	12.35	47.02	0.69	9.18	454.61	0.83	41.56
4.112	12.35	47.02	0.65	9.19	329.25	0.82	41.56
4.127	12.35	47.02	0.69	9.19	383.67	0.82	41.56
4.14	12.35	47.02	1.11	9.21	358.9	0.85	41.56
4.155	12.35	47.02	0.92	9.21	342.48	0.83	41.56
4.173	12.35	47.02	0.84	9.21	352.63	0.83	41.56
4.199	12.35	47.02	0.8	9.2	412.16	0.85	41.56
4.23	12.35	47.02	0.69	9.2	280.52	0.82	41.56
4.252	12.35	47.02	0.8	9.2	311.58	0.84	41.56
4.26	12.35	47.02	0.69	9.19	403.74	0.87	41.57
4.27	12.35	47.02	0.65	9.19	364.43	0.89	41.56
4.297	12.35	47.02	0.69	9.18	442.55	0.85	41.56
4.329	12.35	47.02	0.65	9.17	382.52	0.79	41.56
4.348	12.35	47.02	0.69	9.17	293.15	0.85	41.56
4.352	12.35	47.02	0.8	9.17	597.61	0.8	41.57
4.36	12.35	47.02	0.57	9.18	322.6	0.87	41.57
4.385	12.35	47.02	0.69	9.18	373.32	0.86	41.56
4.416	12.35	47.02	0.69	9.18	300.58	0.92	41.56

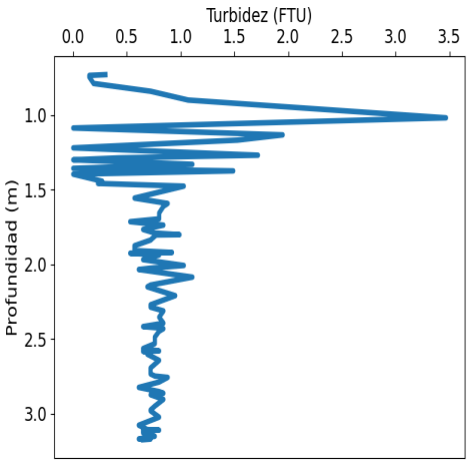
4.442	12.35	47.02	0.72	9.18	289.17	0.86	41.56
4.46	12.35	47.02	0.69	9.18	360.31	0.9	41.56
4.475	12.35	47.02	0.72	9.18	475.74	0.85	41.56
4.49	12.35	47.02	0.72	9.17	300.65	0.87	41.56
4.501	12.35	47.02	0.8	9.17	351.16	0.89	41.56
4.515	12.35	47.02	0.76	9.17	417.64	0.89	41.56
4.539	12.35	47.02	0.69	9.17	347.6	0.95	41.56
4.573	12.35	47.01	0.65	9.17	321.11	0.9	41.56
4.607	12.35	47.01	0.76	9.17	368.51	0.92	41.56
4.616	12.35	47.02	0.84	9.17	342.56	0.92	41.57
4.64	12.35	47.02	0.65	9.17	276.65	0.95	41.56
4.684	12.35	47.01	0.69	9.16	336.19	0.91	41.56
4.72	12.35	47.01	0.5	9.16	359.98	0.96	41.56
4.723	12.35	47.02	0.8	9.16	379.6	0.93	41.57
4.731	12.35	47.02	0.61	9.16	303.88	0.96	41.57
4.768	12.35	47.02	0.65	9.15	292.27	0.92	41.56
4.813	12.35	47.01	0.57	9.15	374.36	0.92	41.56
4.836	12.35	47.02	0.84	9.16	345.35	0.87	41.57
4.844	12.35	47.02	0.8	9.16	375.4	0.89	41.56
4.87	12.35	47.02	0.65	9.16	272.07	0.95	41.56
4.892	12.35	47.02	0.76	9.16	346.79	0.97	41.56
4.899	12.35	47.02	0.72	9.16	282.48	0.96	41.56
4.901	12.35	47.02	0.72	9.16	306.99	0.93	41.56
4.902	12.35	47.02	0.72	9.16	278.71	0.92	41.56
4.903	12.36	47.02	0.65	9.16	287.57	0.92	41.56

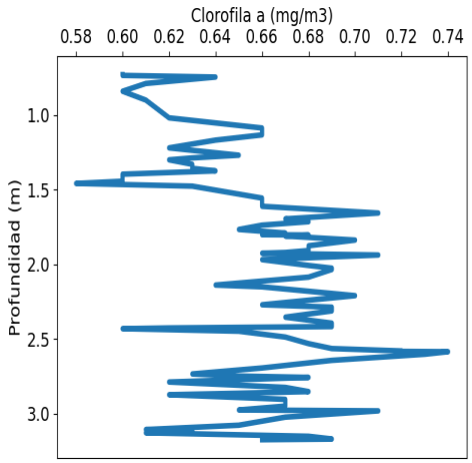
Nombre: CTD E09 - Punto 020 **Fecha: 08/01/2025** **Hora: 11:01:22**

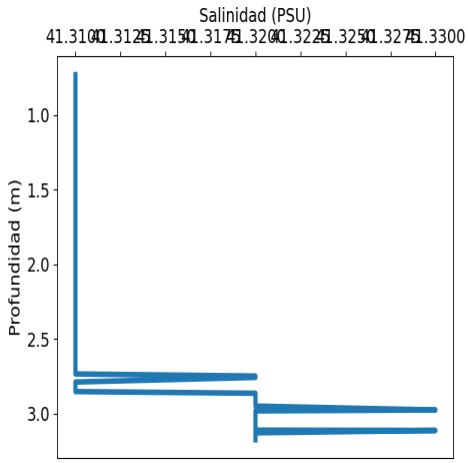


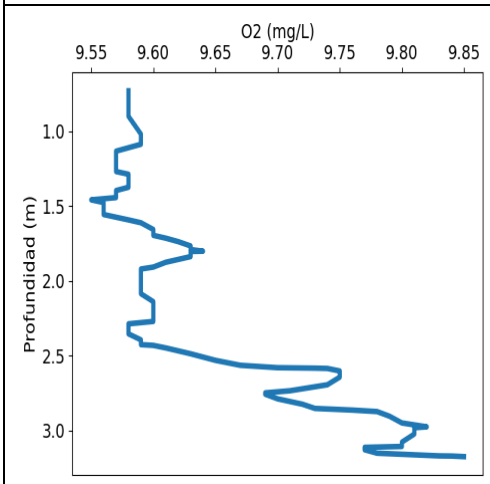


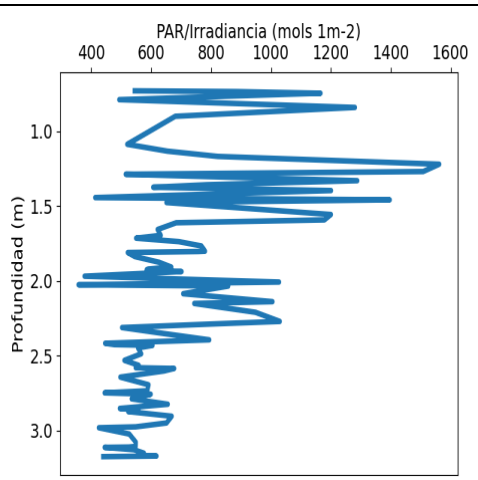












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.12	46.52	0.0	9.55	357.49	0.58	41.31
PROF (metros)	2.975	1.876	1.088	1.459	2.026	1.459	0.731
MÁXIMO	12.15	12.15	3.47	9.85	1561.5	0.74	41.33
PROF (metros)	0.731	0.731	1.02	3.174	1.221	2.585	2.975

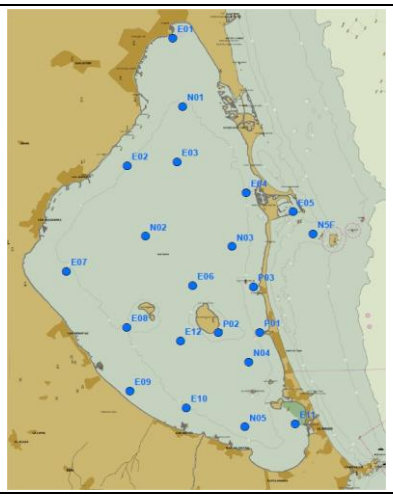
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.15	46.53	0.43	9.58	841.76	0.61	41.31
1 - 2m	12.14	46.53	0.94	9.59	747.88	0.66	41.31
2 - 3m	12.14	46.53	0.77	9.67	633.35	0.67	41.31
3 - 4m	12.12	46.52	0.69	9.8	533.31	0.65	41.32

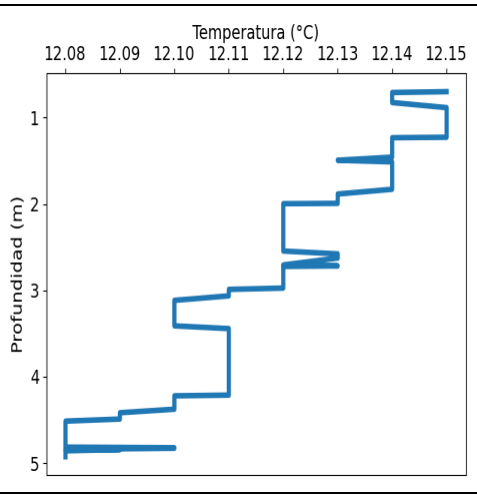
OBSERVACIONES GENERALES

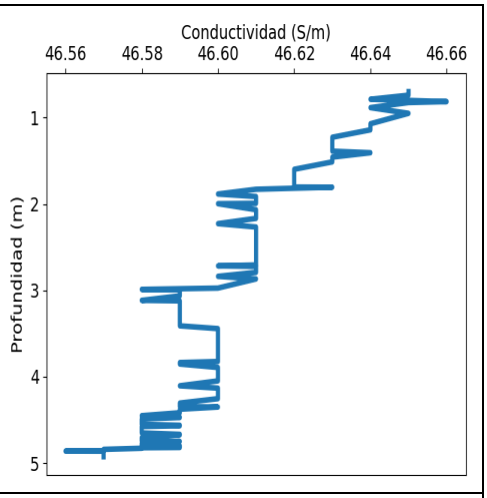
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.731	12.15	46.53	0.3	9.58	545.08	0.6	41.31
0.736	12.14	46.53	0.15	9.58	885.8	0.6	41.31
0.747	12.14	46.53	0.15	9.58	1165.5	0.64	41.31
0.79	12.15	46.53	0.19	9.58	493.37	0.61	41.31
0.842	12.15	46.53	0.72	9.58	1280.2	0.6	41.31
0.901	12.15	46.53	1.07	9.58	680.59	0.61	41.31
1.02	12.14	46.53	3.47	9.59	578.53	0.62	41.31
1.088	12.14	46.53	0.0	9.59	520.02	0.66	41.31
1.134	12.14	46.53	1.95	9.57	654.45	0.66	41.31
1.169	12.14	46.53	1.53	9.57	822.29	0.64	41.31
1.221	12.14	46.53	0.0	9.57	1561.5	0.62	41.31
1.27	12.14	46.53	1.72	9.57	1507.8	0.65	41.31
1.288	12.14	46.53	0.42	9.58	514.87	0.63	41.31
1.301	12.14	46.53	0.0	9.58	737.94	0.62	41.31
1.331	12.14	46.53	1.11	9.58	1288.0	0.63	41.31
1.358	12.14	46.53	0.0	9.58	786.87	0.63	41.31
1.375	12.14	46.53	1.49	9.58	606.54	0.64	41.31
1.397	12.14	46.53	0.0	9.57	1200.6	0.6	41.31
1.444	12.14	46.53	0.27	9.57	413.11	0.6	41.31
1.459	12.14	46.53	0.23	9.55	1396.5	0.58	41.31
1.477	12.14	46.53	1.03	9.56	650.82	0.63	41.31
1.557	12.14	46.53	0.57	9.56	1200.1	0.66	41.31
1.593	12.14	46.53	0.88	9.58	1178.3	0.66	41.31
1.612	12.14	46.53	0.84	9.59	683.6	0.66	41.31
1.657	12.14	46.53	0.8	9.6	621.48	0.71	41.31
1.696	12.14	46.53	0.8	9.6	632.24	0.67	41.31
1.715	12.14	46.53	0.53	9.61	549.64	0.68	41.31
1.738	12.14	46.53	0.84	9.62	692.37	0.66	41.31
1.767	12.14	46.53	0.65	9.63	767.77	0.65	41.31
1.791	12.14	46.53	0.76	9.63	776.36	0.67	41.31
1.802	12.14	46.53	0.99	9.64	779.97	0.66	41.31
1.804	12.14	46.53	0.76	9.63	757.17	0.68	41.31
1.811	12.14	46.53	0.76	9.63	521.71	0.67	41.31
1.838	12.14	46.53	0.72	9.63	545.71	0.7	41.31
1.876	12.14	46.52	0.57	9.61	626.4	0.68	41.31
1.908	12.14	46.52	0.57	9.6	667.63	0.68	41.31
1.921	12.14	46.53	0.92	9.59	591.0	0.67	41.31
1.926	12.14	46.53	0.53	9.59	584.73	0.66	41.31

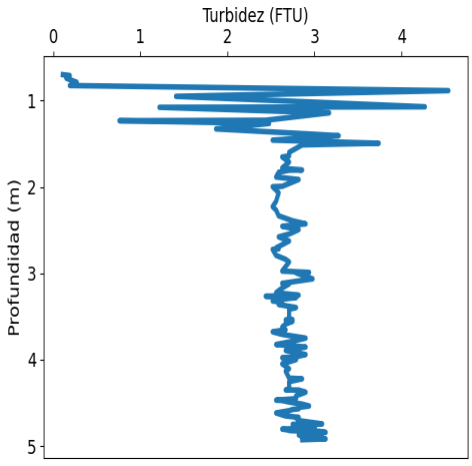
1.938	12.14	46.53	0.8	9.59	701.74	0.71	41.31
1.969	12.14	46.53	0.65	9.59	377.58	0.66	41.31
2.008	12.14	46.52	1.03	9.59	1027.0	0.68	41.31
2.026	12.14	46.53	0.72	9.59	357.49	0.69	41.31
2.035	12.14	46.53	0.61	9.59	857.32	0.69	41.31
2.086	12.14	46.52	1.11	9.59	706.63	0.68	41.31
2.139	12.14	46.53	0.72	9.6	1005.1	0.64	41.31
2.151	12.14	46.53	0.69	9.6	743.6	0.66	41.31
2.21	12.14	46.53	0.95	9.6	948.05	0.7	41.31
2.271	12.14	46.53	0.72	9.6	1029.6	0.66	41.31
2.287	12.14	46.53	0.72	9.58	817.35	0.69	41.31
2.312	12.14	46.53	0.84	9.58	502.6	0.69	41.31
2.354	12.14	46.53	0.8	9.58	649.92	0.67	41.31
2.394	12.14	46.53	0.84	9.59	794.01	0.69	41.31
2.417	12.14	46.53	0.65	9.59	446.16	0.69	41.31
2.426	12.14	46.53	0.8	9.59	477.62	0.62	41.31
2.431	12.14	46.53	0.84	9.6	604.86	0.6	41.31
2.448	12.14	46.53	0.8	9.61	556.05	0.65	41.31
2.487	12.14	46.53	0.76	9.63	567.11	0.67	41.31
2.531	12.14	46.53	0.76	9.65	510.59	0.68	41.31
2.564	12.14	46.53	0.65	9.67	558.5	0.69	41.31
2.58	12.14	46.53	0.8	9.7	548.24	0.72	41.31
2.583	12.14	46.53	0.65	9.73	626.26	0.72	41.31
2.585	12.14	46.53	0.69	9.74	677.29	0.74	41.31
2.602	12.14	46.53	0.69	9.75	642.87	0.73	41.31
2.643	12.14	46.53	0.8	9.75	497.04	0.69	41.31
2.694	12.13	46.52	0.72	9.74	591.41	0.66	41.31
2.734	12.13	46.52	0.72	9.71	586.9	0.63	41.31
2.748	12.13	46.53	0.76	9.69	444.51	0.65	41.32
2.757	12.13	46.53	0.88	9.69	598.86	0.68	41.32
2.788	12.13	46.52	0.8	9.7	534.81	0.62	41.31
2.824	12.13	46.52	0.61	9.72	655.82	0.67	41.31
2.852	12.13	46.52	0.8	9.73	495.32	0.68	41.31
2.863	12.13	46.53	0.84	9.76	557.6	0.65	41.32
2.873	12.13	46.53	0.72	9.78	523.29	0.62	41.32
2.904	12.13	46.52	0.84	9.79	668.87	0.67	41.32
2.949	12.13	46.52	0.76	9.8	651.42	0.67	41.32
2.975	12.12	46.53	0.72	9.82	548.62	0.65	41.33
2.981	12.12	46.52	0.72	9.81	425.36	0.71	41.32
3.023	12.12	46.52	0.8	9.81	527.06	0.67	41.32
3.077	12.12	46.52	0.61	9.8	548.75	0.65	41.32
3.106	12.12	46.52	0.69	9.8	548.37	0.61	41.32
3.11	12.12	46.52	0.8	9.78	525.35	0.62	41.32
3.112	12.12	46.52	0.65	9.77	444.61	0.63	41.33
3.128	12.12	46.52	0.65	9.77	543.31	0.61	41.32
3.151	12.12	46.52	0.76	9.78	576.26	0.68	41.32
3.169	12.12	46.52	0.61	9.83	561.1	0.69	41.32
3.17	12.12	46.52	0.72	9.84	618.18	0.69	41.32
3.174	12.12	46.52	0.65	9.85	440.1	0.66	41.32

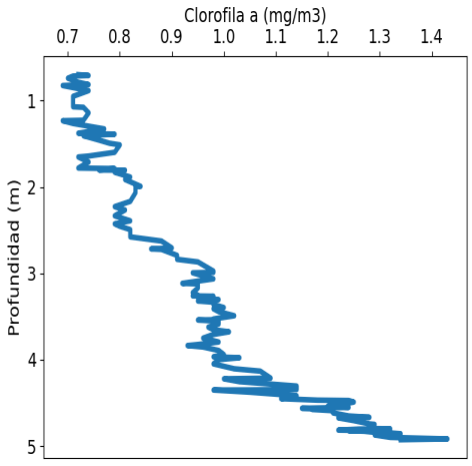
Nombre: CTD E08 - Punto 021 **Fecha: 08/01/2025** **Hora: 12:01:43**

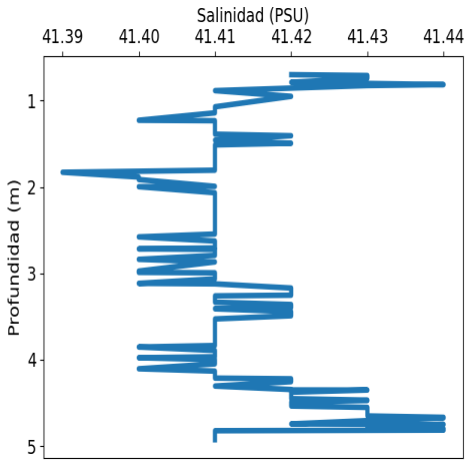


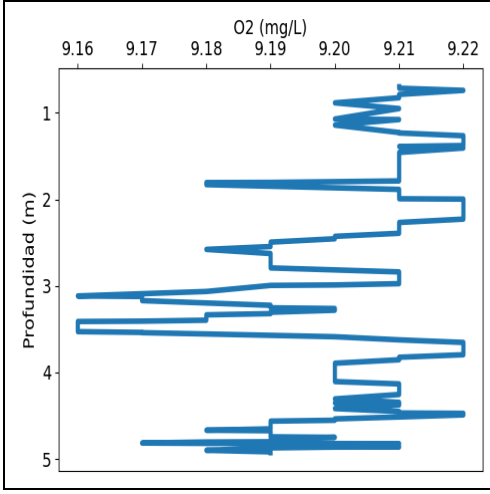


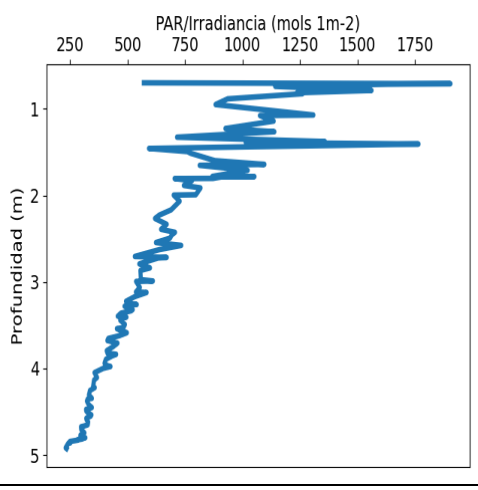












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.08	46.56	0.11	9.16	230.68	0.69	41.39
PROF (metros)	4.514	4.861	0.7	3.116	4.917	0.826	1.83
MÁXIMO	12.15	12.15	4.54	9.22	1903.3	1.43	41.44
PROF (metros)	0.7	0.815	0.885	0.741	0.71	4.917	0.815

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.14	46.65	0.81	9.21	1235.11	0.72	41.43
1 - 2m	12.14	46.62	2.66	9.21	946.85	0.76	41.41
2 - 3m	12.12	46.61	2.66	9.2	633.62	0.86	41.41
3 - 4m	12.11	46.59	2.69	9.19	471.31	0.97	41.41
4 - 5m	12.09	46.58	2.81	9.2	306.43	1.21	41.42

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	12.15	46.65	0.11	9.21	570.41	0.72	41.42
0.71	12.14	46.65	0.19	9.21	1903.3	0.74	41.43
0.716	12.14	46.65	0.19	9.21	1627.7	0.71	41.43
0.741	12.14	46.65	0.15	9.22	1141.5	0.7	41.43
0.788	12.14	46.64	0.27	9.21	1560.4	0.72	41.42
0.815	12.14	46.66	0.23	9.21	1235.6	0.74	41.44
0.826	12.14	46.65	0.19	9.21	1260.2	0.69	41.43
0.885	12.15	46.64	4.54	9.2	934.96	0.74	41.41
0.951	12.15	46.65	1.41	9.21	881.91	0.71	41.42
1.072	12.15	46.64	4.27	9.2	1307.5	0.71	41.41
1.078	12.15	46.64	1.22	9.21	1074.9	0.73	41.41
1.142	12.15	46.64	3.17	9.2	1135.1	0.74	41.41
1.228	12.15	46.63	2.44	9.21	924.83	0.73	41.4
1.233	12.14	46.63	0.76	9.21	961.32	0.69	41.41
1.265	12.14	46.63	2.48	9.22	1138.0	0.71	41.41
1.328	12.14	46.63	1.87	9.22	714.54	0.77	41.41
1.378	12.14	46.63	2.79	9.22	1357.2	0.72	41.41
1.389	12.14	46.63	2.98	9.21	1013.3	0.79	41.41
1.407	12.14	46.64	3.28	9.22	1764.4	0.73	41.42
1.458	12.14	46.63	2.52	9.21	592.51	0.76	41.41
1.494	12.13	46.63	3.74	9.21	759.98	0.78	41.42
1.513	12.14	46.63	2.86	9.21	773.31	0.8	41.41
1.599	12.14	46.62	2.71	9.21	879.05	0.79	41.41
1.642	12.14	46.62	2.71	9.21	1094.6	0.74	41.41
1.653	12.14	46.62	2.63	9.21	813.19	0.72	41.41
1.711	12.14	46.62	2.71	9.21	1022.2	0.74	41.41
1.781	12.14	46.62	2.63	9.21	868.12	0.72	41.41
1.783	12.14	46.62	2.63	9.21	1051.3	0.74	41.41
1.787	12.14	46.62	2.67	9.21	906.78	0.79	41.41
1.804	12.14	46.62	2.86	9.19	871.14	0.76	41.41
1.806	12.14	46.63	2.71	9.18	704.18	0.81	41.41
1.83	12.14	46.61	2.59	9.18	779.97	0.79	41.39
1.885	12.13	46.6	2.56	9.21	744.46	0.82	41.4
1.914	12.13	46.61	2.82	9.21	816.78	0.81	41.4
1.993	12.13	46.61	2.63	9.21	796.41	0.84	41.41
1.997	12.12	46.6	2.52	9.22	699.95	0.83	41.4
2.067	12.12	46.61	2.59	9.22	726.23	0.83	41.41

2.167	12.12	46.61	2.56	9.22	689.17	0.82	41.41
2.228	12.12	46.6	2.52	9.22	637.83	0.79	41.41
2.267	12.12	46.61	2.56	9.21	618.75	0.81	41.41
2.334	12.12	46.61	2.59	9.21	669.8	0.79	41.41
2.392	12.12	46.61	2.75	9.21	645.26	0.82	41.41
2.427	12.12	46.61	2.9	9.2	705.98	0.79	41.41
2.455	12.12	46.61	2.63	9.2	692.53	0.8	41.41
2.494	12.12	46.61	2.82	9.19	683.91	0.82	41.41
2.545	12.12	46.61	2.71	9.19	622.93	0.82	41.41
2.578	12.13	46.61	2.59	9.18	733.16	0.82	41.4
2.626	12.13	46.61	2.71	9.19	638.86	0.88	41.41
2.706	12.12	46.61	2.56	9.19	531.11	0.9	41.41
2.717	12.13	46.6	2.59	9.19	669.95	0.86	41.4
2.723	12.12	46.61	2.52	9.19	632.68	0.88	41.41
2.792	12.12	46.61	2.56	9.19	550.79	0.91	41.41
2.838	12.12	46.6	2.67	9.21	597.33	0.91	41.4
2.868	12.12	46.61	2.71	9.21	555.41	0.95	41.41
2.974	12.12	46.6	2.63	9.21	557.6	0.98	41.4
2.989	12.11	46.58	2.94	9.2	610.07	0.98	41.4
2.994	12.11	46.59	2.79	9.19	536.68	0.94	41.41
3.064	12.11	46.59	2.98	9.18	553.09	0.98	41.41
3.116	12.1	46.58	2.63	9.16	536.06	0.92	41.4
3.122	12.1	46.59	2.71	9.17	582.7	0.95	41.41
3.17	12.1	46.59	2.63	9.17	531.11	0.95	41.42
3.224	12.1	46.59	2.56	9.19	492.91	0.94	41.42
3.253	12.1	46.59	2.82	9.19	517.38	0.95	41.42
3.261	12.1	46.59	2.56	9.2	539.67	0.94	41.41
3.265	12.1	46.59	2.44	9.2	513.91	0.98	41.41
3.281	12.1	46.59	2.79	9.2	486.33	0.95	41.41
3.304	12.1	46.59	2.59	9.19	508.46	0.99	41.41
3.32	12.1	46.59	2.52	9.19	522.32	0.95	41.41
3.334	12.1	46.59	2.63	9.18	514.87	0.98	41.41
3.361	12.1	46.59	2.59	9.18	471.24	0.98	41.42
3.396	12.1	46.59	2.79	9.18	457.04	1.0	41.42
3.407	12.1	46.59	2.75	9.17	494.97	0.98	41.41
3.411	12.1	46.59	2.71	9.16	480.84	0.98	41.41
3.443	12.11	46.6	2.71	9.16	467.98	0.99	41.42
3.491	12.11	46.6	2.71	9.16	488.25	1.02	41.42
3.528	12.11	46.6	2.71	9.16	481.62	0.98	41.41
3.537	12.11	46.6	2.75	9.17	460.34	0.98	41.41
3.54	12.11	46.6	2.67	9.17	453.24	0.95	41.41
3.555	12.11	46.6	2.75	9.18	464.84	0.99	41.41
3.587	12.11	46.6	2.67	9.2	496.7	0.99	41.41
3.623	12.11	46.6	2.63	9.21	462.26	0.97	41.41
3.653	12.11	46.6	2.67	9.22	416.19	0.98	41.41
3.677	12.11	46.6	2.52	9.22	411.77	1.01	41.41
3.707	12.11	46.6	2.63	9.22	455.98	0.98	41.41
3.75	12.11	46.6	2.9	9.22	435.43	0.96	41.41
3.795	12.11	46.6	2.71	9.22	408.92	0.99	41.41
3.824	12.11	46.6	2.56	9.21	412.44	0.95	41.41
3.836	12.11	46.59	2.71	9.21	450.31	0.93	41.41
3.853	12.11	46.59	2.9	9.21	434.22	0.96	41.4
3.893	12.11	46.6	2.67	9.2	405.71	0.99	41.41
3.94	12.11	46.6	2.9	9.2	399.46	1.0	41.41
3.966	12.11	46.6	2.79	9.2	410.73	0.98	41.41
3.977	12.11	46.6	2.63	9.2	425.85	1.03	41.4
3.999	12.11	46.6	2.79	9.2	393.4	0.99	41.41
4.048	12.11	46.6	2.63	9.2	355.91	0.98	41.41

4.105	12.11	46.59	2.71	9.2	367.06	1.02	41.4
4.132	12.11	46.6	2.67	9.21	354.27	1.07	41.41
4.213	12.11	46.6	2.71	9.21	349.94	1.09	41.41
4.221	12.1	46.6	2.86	9.21	357.24	1.0	41.42
4.254	12.1	46.6	2.71	9.21	336.5	1.03	41.42
4.305	12.1	46.59	2.71	9.2	331.7	1.14	41.41
4.345	12.1	46.59	2.71	9.21	344.79	1.14	41.42
4.35	12.1	46.6	2.67	9.21	331.16	1.05	41.42
4.351	12.1	46.6	2.82	9.2	326.97	0.98	41.43
4.376	12.1	46.59	2.9	9.21	323.2	1.05	41.42
4.417	12.09	46.59	2.79	9.2	330.47	1.14	41.42
4.451	12.09	46.58	2.79	9.21	344.71	1.11	41.42
4.468	12.09	46.59	2.56	9.21	329.94	1.18	41.43
4.472	12.09	46.59	2.63	9.22	319.18	1.24	41.43
4.49	12.09	46.58	2.71	9.22	319.92	1.25	41.42
4.514	12.08	46.58	2.86	9.21	328.72	1.23	41.42
4.536	12.08	46.58	2.94	9.2	342.56	1.2	41.42
4.552	12.08	46.58	2.82	9.2	338.85	1.24	41.43
4.562	12.08	46.59	2.82	9.19	327.35	1.15	41.43
4.568	12.08	46.59	2.82	9.19	323.95	1.17	41.43
4.576	12.08	46.58	2.75	9.19	319.99	1.17	41.43
4.59	12.08	46.58	2.71	9.19	321.33	1.21	41.43
4.616	12.08	46.58	2.56	9.19	328.26	1.21	41.43
4.651	12.08	46.58	2.67	9.19	326.44	1.24	41.43
4.667	12.08	46.59	2.82	9.18	307.63	1.28	41.44
4.673	12.08	46.59	2.79	9.19	297.6	1.22	41.44
4.705	12.08	46.58	2.82	9.19	298.5	1.25	41.43
4.743	12.08	46.58	3.09	9.19	312.16	1.28	41.42
4.749	12.08	46.59	2.75	9.2	303.52	1.29	41.44
4.771	12.08	46.58	3.01	9.19	294.65	1.28	41.43
4.796	12.08	46.58	2.9	9.19	294.65	1.28	41.43
4.8	12.08	46.59	2.71	9.19	316.31	1.32	41.44
4.803	12.08	46.59	2.63	9.18	310.71	1.26	41.43
4.815	12.08	46.59	2.71	9.17	302.33	1.22	41.44
4.819	12.09	46.59	2.71	9.18	293.42	1.27	41.42
4.822	12.1	46.58	2.75	9.21	283.66	1.24	41.41
4.828	12.1	46.58	3.05	9.2	283.14	1.27	41.41
4.841	12.08	46.57	3.13	9.2	251.69	1.29	41.41
4.843	12.09	46.57	3.01	9.2	249.13	1.31	41.41
4.857	12.08	46.57	3.09	9.19	246.72	1.34	41.41
4.858	12.08	46.57	2.9	9.21	248.27	1.3	41.41
4.861	12.08	46.56	2.98	9.21	250.41	1.33	41.41
4.862	12.08	46.57	2.86	9.2	244.05	1.3	41.41
4.871	12.08	46.57	2.82	9.19	240.29	1.29	41.41
4.899	12.08	46.57	2.9	9.18	234.24	1.32	41.41
4.917	12.08	46.57	3.13	9.19	230.68	1.43	41.41
4.926	12.08	46.57	2.86	9.19	234.56	1.34	41.41