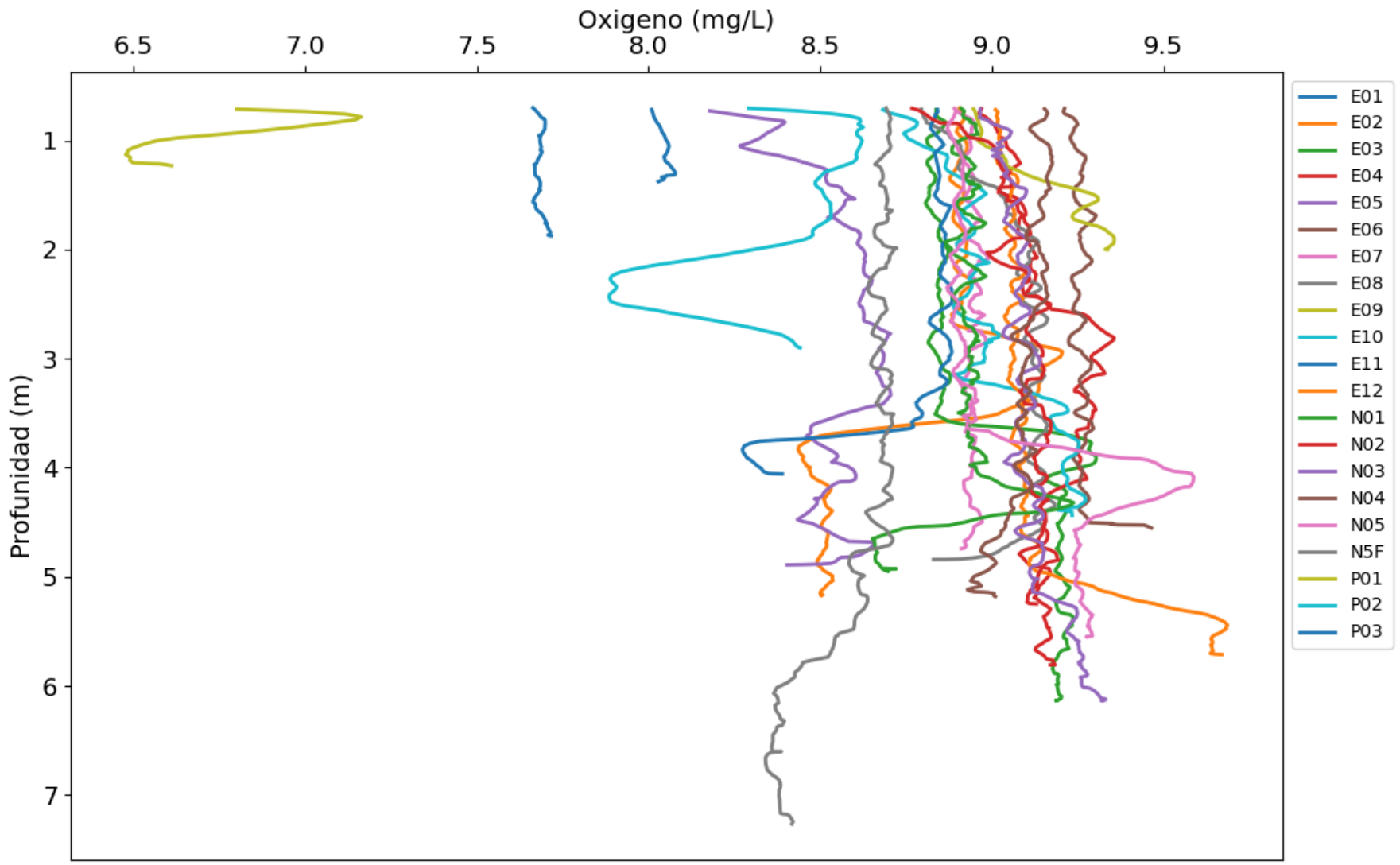
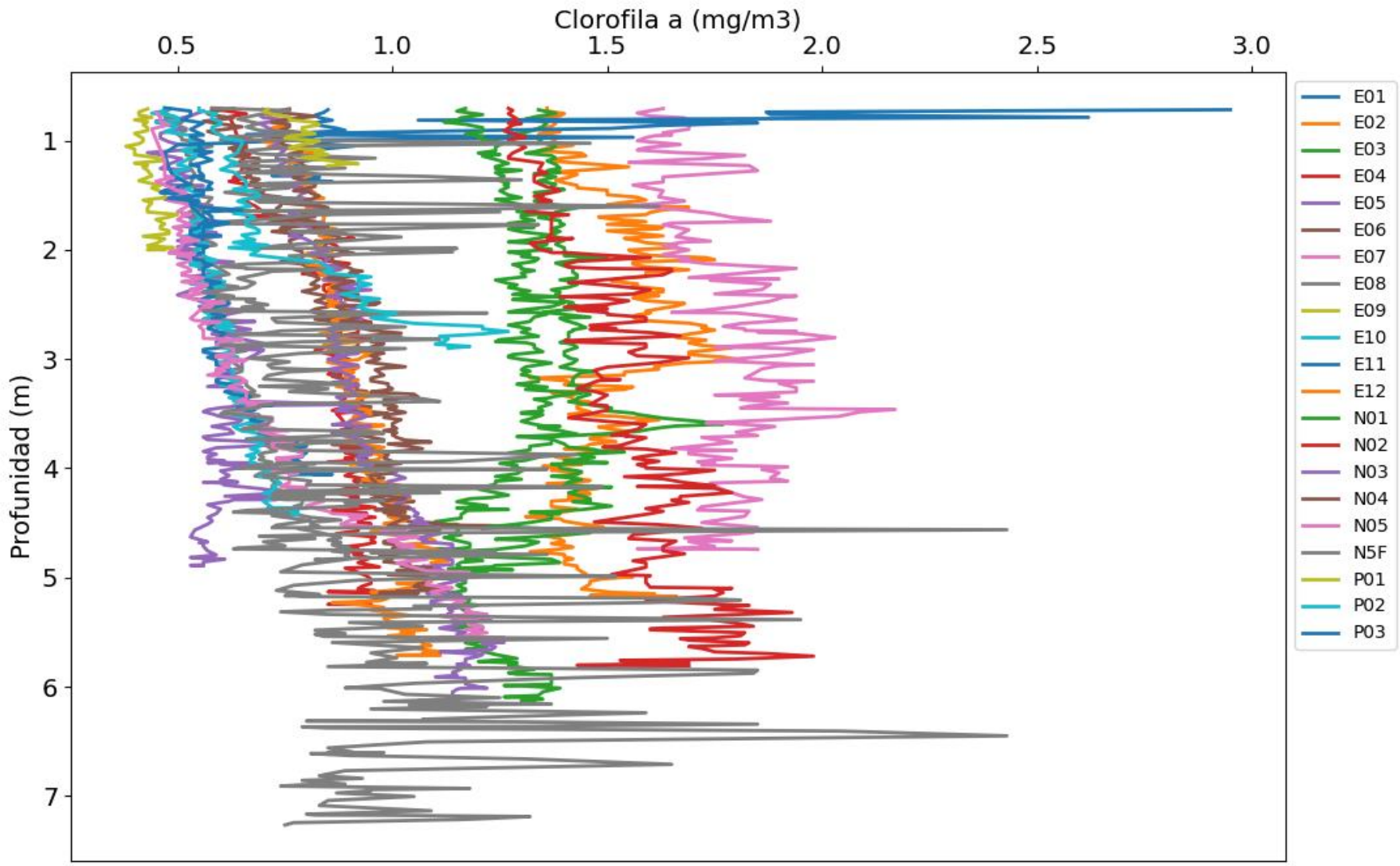
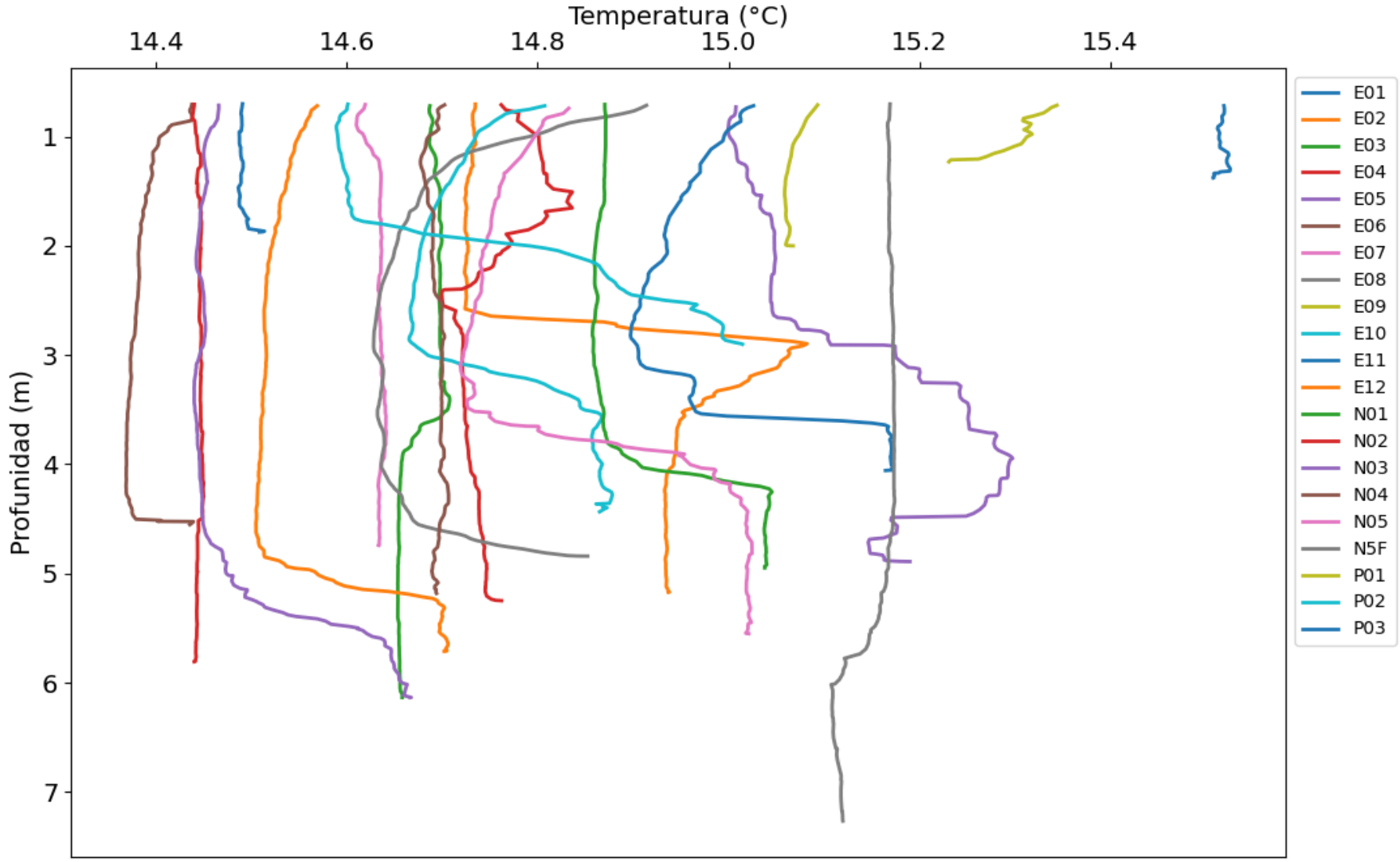
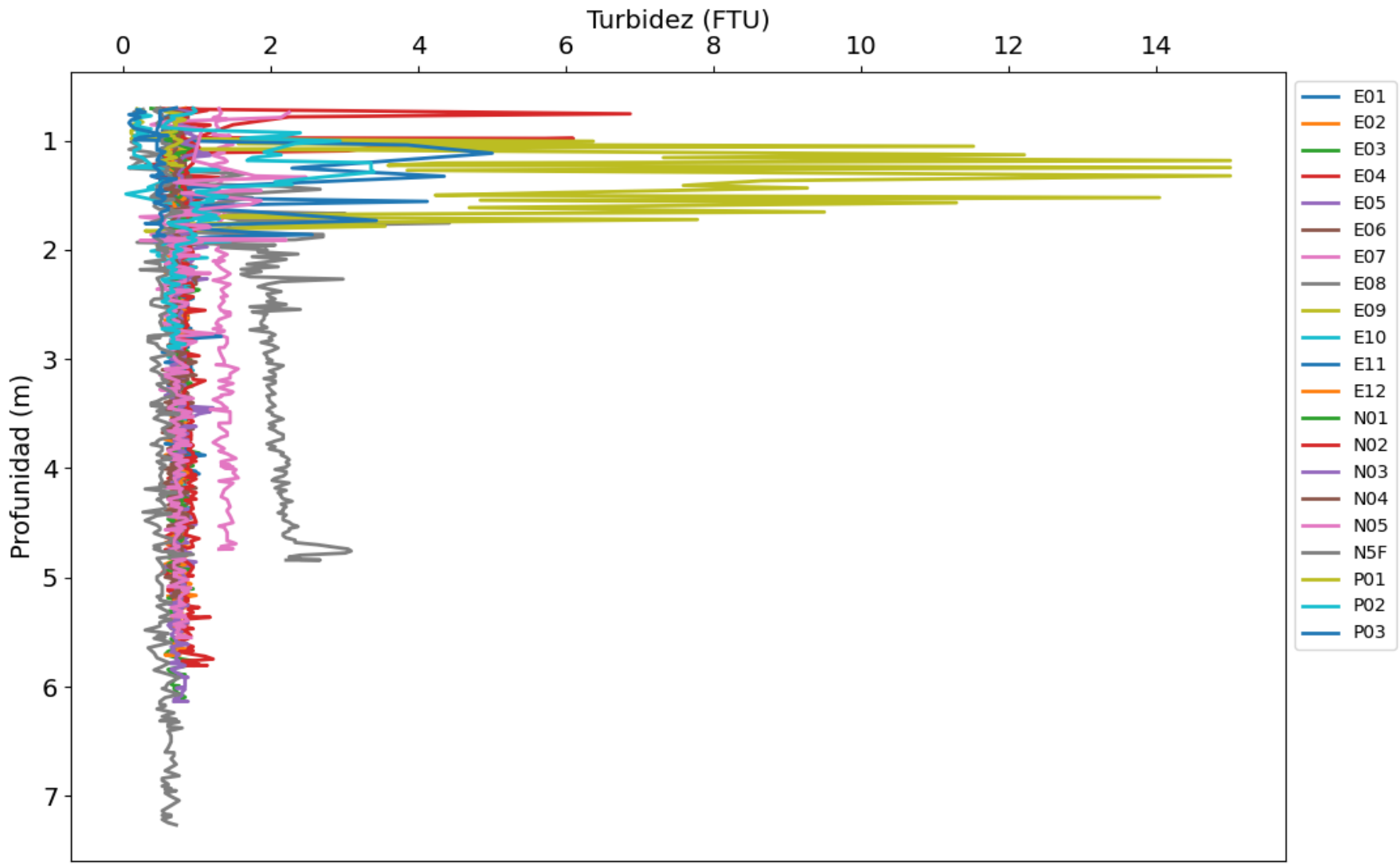
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20250217**

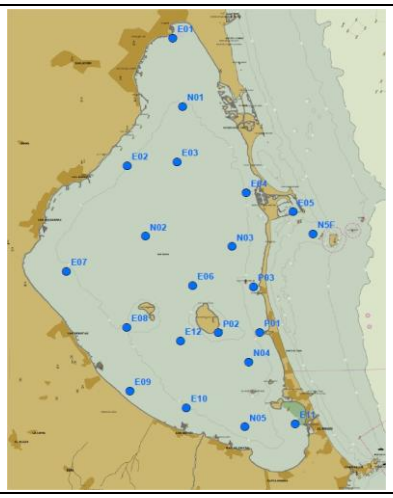


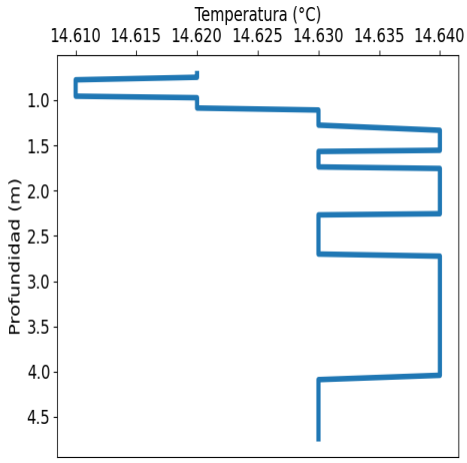

Clorofila a (mg/m3)
0.5
1.0
1.5
2.0
2.5
3.0
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

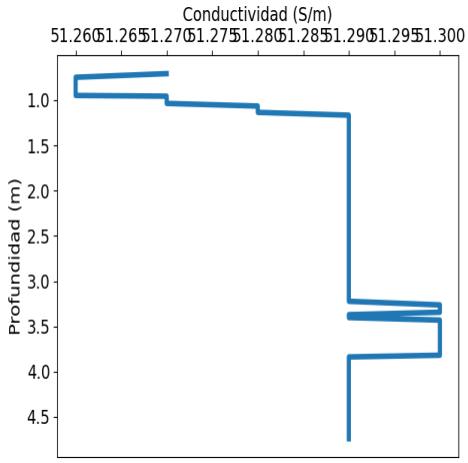

Temperatura (°C)
14.4
14.6
14.8
15.0
15.2
15.4
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

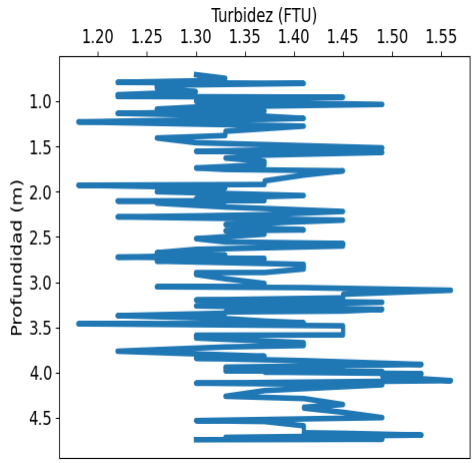

Turbidez (FTU)
0
2
4
6
8
10
12
14
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

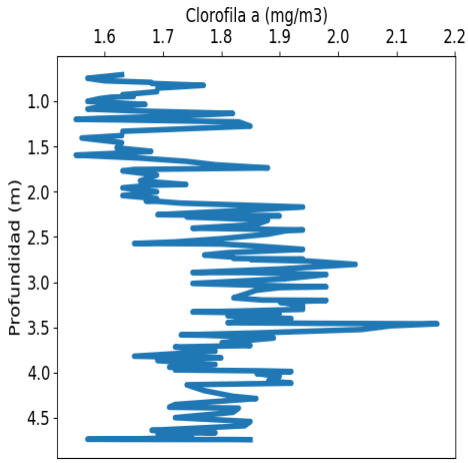
Nombre: CTD E07 - Punto 001 **Fecha: 17/02/2025** **Hora: 07:02:46**

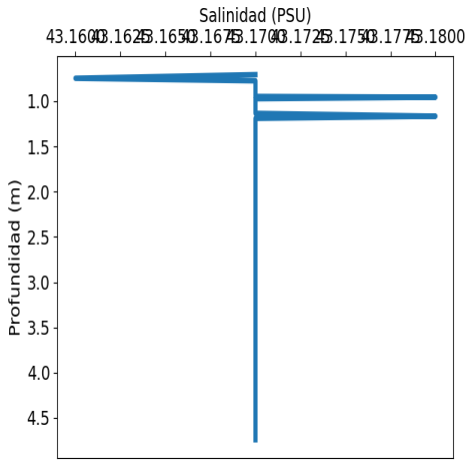


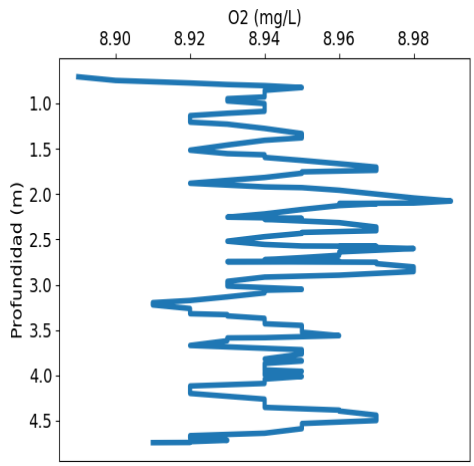


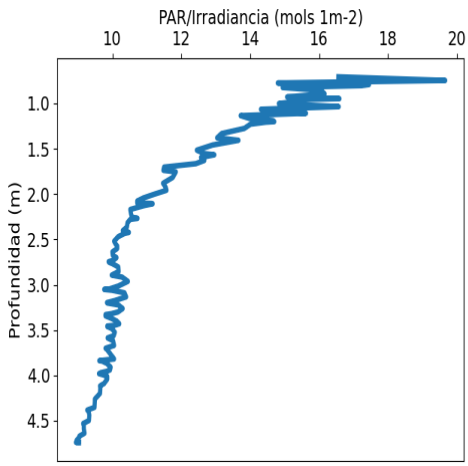












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.61	51.26	1.18	8.89	8.94	1.55	43.16
PROF (metros)	0.775	0.747	1.229	0.707	4.739	1.201	0.747
MÁXIMO	14.64	14.64	1.56	8.99	19.66	2.17	43.18
PROF (metros)	1.333	3.263	3.09	2.077	0.747	3.461	0.956

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	14.61	51.26	1.3	8.93	16.3	1.65	43.17
1 - 2m	14.63	51.29	1.34	8.94	13.18	1.67	43.17
2 - 3m	14.63	51.29	1.34	8.96	10.35	1.82	43.17
3 - 4m	14.64	51.29	1.38	8.94	9.95	1.85	43.17
4 - 5m	14.63	51.29	1.42	8.94	9.3	1.78	43.17

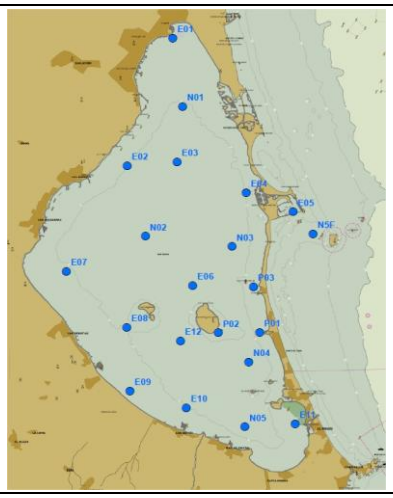
OBSERVACIONES GENERALES

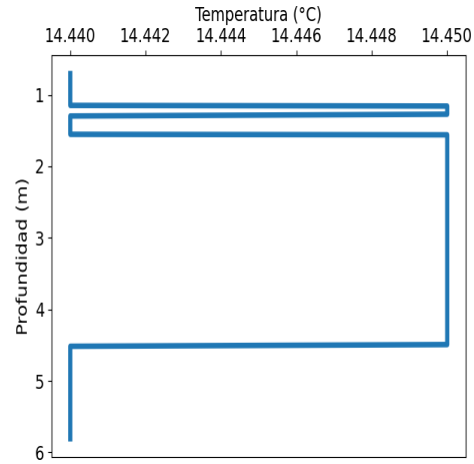
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.707	14.62	51.27	1.3	8.89	16.56	1.63	43.17
0.747	14.62	51.26	1.33	8.9	19.66	1.57	43.16
0.775	14.61	51.26	1.3	8.92	14.8	1.6	43.17
0.792	14.61	51.26	1.22	8.93	17.45	1.68	43.17
0.804	14.61	51.26	1.41	8.94	17.23	1.68	43.17
0.825	14.61	51.26	1.26	8.95	14.94	1.77	43.17
0.856	14.61	51.26	1.26	8.94	16.06	1.69	43.17
0.895	14.61	51.26	1.3	8.94	16.16	1.69	43.17
0.929	14.61	51.26	1.22	8.94	15.07	1.63	43.17
0.948	14.61	51.26	1.22	8.93	16.59	1.65	43.17
0.956	14.61	51.27	1.45	8.93	15.58	1.61	43.18
0.973	14.62	51.27	1.33	8.93	15.47	1.59	43.17
1.002	14.62	51.27	1.3	8.94	14.83	1.57	43.17
1.036	14.62	51.27	1.49	8.94	16.57	1.67	43.17
1.065	14.62	51.28	1.3	8.94	14.31	1.59	43.17
1.087	14.62	51.28	1.26	8.94	14.73	1.57	43.17
1.109	14.63	51.28	1.37	8.93	15.62	1.66	43.17
1.135	14.63	51.28	1.22	8.92	13.72	1.82	43.17
1.166	14.63	51.29	1.37	8.92	13.98	1.72	43.18
1.19	14.63	51.29	1.41	8.92	14.66	1.59	43.17
1.201	14.63	51.29	1.37	8.92	14.7	1.55	43.17
1.207	14.63	51.29	1.3	8.92	14.45	1.63	43.17
1.229	14.63	51.29	1.18	8.93	14.01	1.83	43.17
1.276	14.63	51.29	1.41	8.94	13.83	1.85	43.17
1.333	14.64	51.29	1.33	8.95	13.17	1.63	43.17
1.38	14.64	51.29	1.33	8.95	13.04	1.63	43.17
1.407	14.64	51.29	1.26	8.94	13.66	1.56	43.17
1.459	14.64	51.29	1.3	8.93	12.91	1.63	43.17
1.516	14.64	51.29	1.49	8.92	12.45	1.62	43.17
1.554	14.64	51.29	1.3	8.93	12.67	1.68	43.17
1.567	14.63	51.29	1.49	8.94	12.96	1.65	43.17
1.596	14.63	51.29	1.37	8.94	12.57	1.55	43.17
1.629	14.63	51.29	1.33	8.95	12.67	1.66	43.17
1.665	14.63	51.29	1.37	8.96	12.42	1.74	43.17
1.703	14.63	51.29	1.37	8.97	11.5	1.79	43.17
1.738	14.63	51.29	1.3	8.97	11.48	1.88	43.17
1.755	14.64	51.29	1.33	8.95	11.84	1.65	43.17

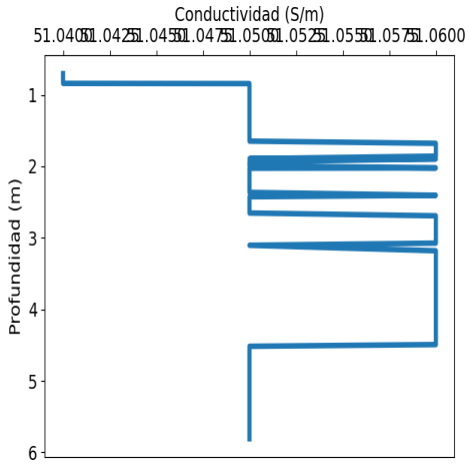
1.77	14.64	51.29	1.45	8.95	11.82	1.63	43.17
1.817	14.64	51.29	1.41	8.94	11.75	1.69	43.17
1.881	14.64	51.29	1.37	8.92	11.47	1.66	43.17
1.921	14.64	51.29	1.37	8.94	11.54	1.74	43.17
1.929	14.64	51.29	1.18	8.95	11.55	1.68	43.17
1.958	14.64	51.29	1.33	8.96	11.57	1.63	43.17
2.001	14.64	51.29	1.26	8.97	11.22	1.69	43.17
2.043	14.64	51.29	1.41	8.98	10.9	1.63	43.17
2.077	14.64	51.29	1.3	8.99	10.72	1.69	43.17
2.099	14.64	51.29	1.37	8.98	10.72	1.69	43.17
2.104	14.64	51.29	1.22	8.96	11.14	1.67	43.17
2.107	14.64	51.29	1.33	8.97	11.17	1.69	43.17
2.127	14.64	51.29	1.26	8.96	10.92	1.73	43.17
2.17	14.64	51.29	1.33	8.95	10.52	1.94	43.17
2.219	14.64	51.29	1.45	8.94	10.54	1.8	43.17
2.255	14.64	51.29	1.37	8.93	10.57	1.69	43.17
2.268	14.63	51.29	1.3	8.95	10.73	1.9	43.17
2.279	14.63	51.29	1.22	8.94	10.52	1.74	43.17
2.315	14.63	51.29	1.45	8.96	10.44	1.88	43.17
2.364	14.63	51.29	1.33	8.97	10.42	1.86	43.17
2.404	14.63	51.29	1.37	8.97	10.3	1.75	43.17
2.423	14.63	51.29	1.41	8.95	10.48	1.94	43.17
2.433	14.63	51.29	1.33	8.95	10.36	1.91	43.17
2.47	14.63	51.29	1.37	8.94	10.17	1.88	43.17
2.52	14.63	51.29	1.3	8.93	10.05	1.8	43.17
2.556	14.63	51.29	1.33	8.94	10.1	1.72	43.17
2.573	14.63	51.29	1.45	8.95	10.14	1.65	43.17
2.576	14.63	51.29	1.37	8.97	10.14	1.75	43.17
2.579	14.63	51.29	1.45	8.96	10.14	1.8	43.17
2.601	14.63	51.29	1.45	8.98	10.14	1.86	43.17
2.638	14.63	51.29	1.3	8.96	10.0	1.94	43.17
2.675	14.63	51.29	1.26	8.96	10.01	1.81	43.17
2.701	14.63	51.29	1.33	8.95	10.12	1.77	43.17
2.724	14.64	51.29	1.22	8.94	10.05	1.82	43.17
2.739	14.64	51.29	1.37	8.96	9.96	1.82	43.17
2.746	14.64	51.29	1.37	8.93	9.89	1.94	43.17
2.752	14.64	51.29	1.3	8.97	9.9	1.85	43.17
2.768	14.64	51.29	1.26	8.97	10.0	1.95	43.17
2.804	14.64	51.29	1.41	8.98	10.17	2.03	43.17
2.855	14.64	51.29	1.41	8.98	10.18	1.9	43.17
2.894	14.64	51.29	1.37	8.96	9.98	1.75	43.17
2.895	14.64	51.29	1.3	8.96	9.99	1.85	43.17
2.916	14.64	51.29	1.3	8.94	10.28	1.98	43.17
2.963	14.64	51.29	1.33	8.93	10.45	1.91	43.17
3.015	14.64	51.29	1.37	8.93	10.17	1.75	43.17
3.049	14.64	51.29	1.37	8.95	9.9	1.94	43.17
3.052	14.64	51.29	1.26	8.95	9.76	1.98	43.17
3.061	14.64	51.29	1.41	8.94	9.99	1.9	43.17
3.09	14.64	51.29	1.56	8.94	10.35	1.86	43.17
3.134	14.64	51.29	1.45	8.93	10.4	1.84	43.17
3.174	14.64	51.29	1.45	8.92	10.08	1.82	43.17
3.198	14.64	51.29	1.3	8.91	9.84	1.87	43.17
3.202	14.64	51.29	1.33	8.91	9.86	1.98	43.17
3.223	14.64	51.29	1.49	8.91	10.17	1.9	43.17
3.263	14.64	51.3	1.3	8.92	10.3	1.94	43.17
3.301	14.64	51.3	1.49	8.92	10.16	1.94	43.17
3.32	14.64	51.3	1.45	8.92	9.97	1.83	43.17
3.33	14.64	51.3	1.33	8.93	9.8	1.75	43.17

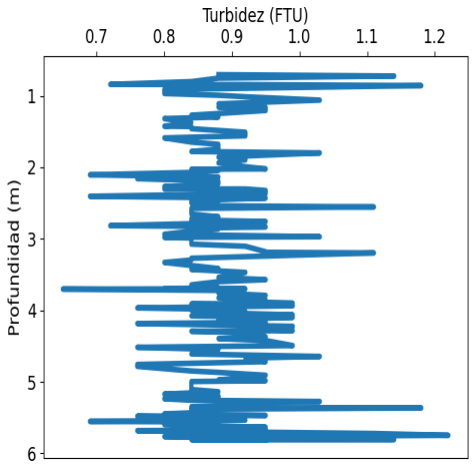
3.344	14.64	51.3	1.33	8.93	9.8	1.9	43.17
3.371	14.64	51.29	1.22	8.94	9.97	1.81	43.17
3.403	14.64	51.29	1.33	8.94	10.13	1.92	43.17
3.431	14.64	51.3	1.37	8.94	10.2	1.83	43.17
3.449	14.64	51.3	1.41	8.95	10.05	1.81	43.17
3.456	14.64	51.3	1.37	8.95	9.85	1.97	43.17
3.461	14.64	51.3	1.18	8.95	9.85	2.17	43.17
3.483	14.64	51.3	1.45	8.95	9.98	2.09	43.17
3.524	14.64	51.3	1.45	8.95	10.07	2.04	43.17
3.562	14.64	51.3	1.45	8.96	10.04	1.86	43.17
3.584	14.64	51.3	1.45	8.94	9.88	1.73	43.17
3.587	14.64	51.3	1.3	8.93	9.86	1.77	43.17
3.618	14.64	51.3	1.3	8.93	10.02	1.89	43.17
3.67	14.64	51.3	1.41	8.92	10.05	1.8	43.17
3.701	14.64	51.3	1.41	8.94	9.8	1.85	43.17
3.717	14.64	51.3	1.33	8.95	9.85	1.72	43.17
3.764	14.64	51.3	1.22	8.95	9.94	1.79	43.17
3.819	14.64	51.3	1.37	8.94	10.05	1.65	43.17
3.838	14.64	51.29	1.33	8.95	9.62	1.8	43.17
3.842	14.64	51.29	1.3	8.95	9.7	1.69	43.17
3.868	14.64	51.29	1.41	8.94	9.84	1.69	43.17
3.91	14.64	51.29	1.53	8.94	9.95	1.79	43.17
3.94	14.64	51.29	1.33	8.94	9.93	1.71	43.17
3.955	14.64	51.29	1.33	8.95	9.84	1.75	43.17
3.971	14.64	51.29	1.45	8.94	9.66	1.72	43.17
3.981	14.64	51.29	1.33	8.94	9.61	1.87	43.17
3.988	14.64	51.29	1.49	8.94	9.68	1.92	43.17
3.995	14.64	51.29	1.37	8.94	9.74	1.9	43.17
4.012	14.64	51.29	1.53	8.95	9.85	1.86	43.17
4.041	14.64	51.29	1.49	8.94	9.85	1.9	43.17
4.089	14.63	51.29	1.56	8.94	9.76	1.88	43.17
4.117	14.63	51.29	1.3	8.92	9.64	1.92	43.17
4.135	14.63	51.29	1.49	8.92	9.65	1.74	43.17
4.199	14.63	51.29	1.37	8.92	9.64	1.77	43.17
4.262	14.63	51.29	1.33	8.94	9.49	1.82	43.17
4.287	14.63	51.29	1.41	8.94	9.49	1.86	43.17
4.353	14.63	51.29	1.45	8.94	9.48	1.72	43.17
4.383	14.63	51.29	1.41	8.96	9.27	1.71	43.17
4.393	14.63	51.29	1.41	8.96	9.31	1.83	43.17
4.439	14.63	51.29	1.45	8.97	9.33	1.82	43.17
4.498	14.63	51.29	1.49	8.97	9.32	1.72	43.17
4.531	14.63	51.29	1.3	8.95	9.15	1.82	43.17
4.541	14.63	51.29	1.37	8.95	9.17	1.85	43.17
4.588	14.63	51.29	1.41	8.95	9.17	1.84	43.17
4.638	14.63	51.29	1.41	8.94	9.19	1.68	43.17
4.665	14.63	51.29	1.41	8.92	9.07	1.79	43.17
4.671	14.63	51.29	1.45	8.92	9.04	1.69	43.17
4.691	14.63	51.29	1.53	8.92	9.03	1.72	43.17
4.716	14.63	51.29	1.33	8.93	8.96	1.75	43.17
4.731	14.63	51.29	1.33	8.92	9.03	1.66	43.17
4.737	14.63	51.29	1.49	8.92	9.03	1.57	43.17
4.739	14.63	51.29	1.45	8.92	8.94	1.63	43.17
4.74	14.63	51.29	1.41	8.92	8.98	1.82	43.17
4.742	14.63	51.29	1.3	8.91	9.03	1.85	43.17

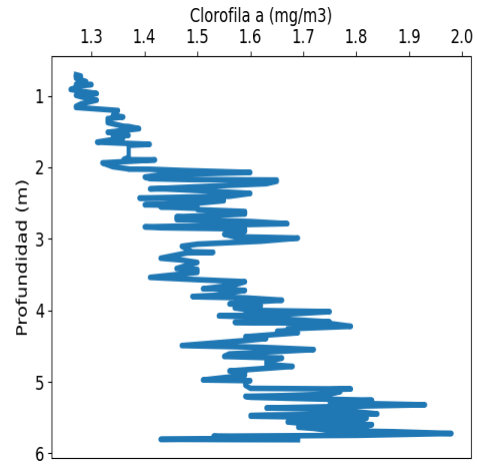
Nombre: CTD N02 - Punto 002 **Fecha: 17/02/2025** **Hora: 08:02:48**

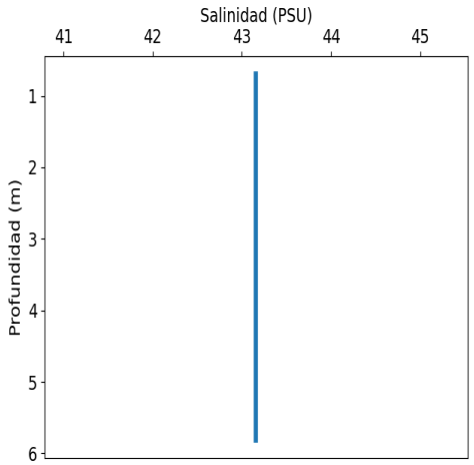


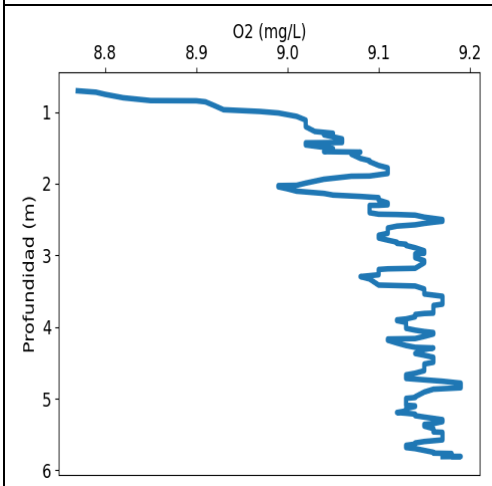


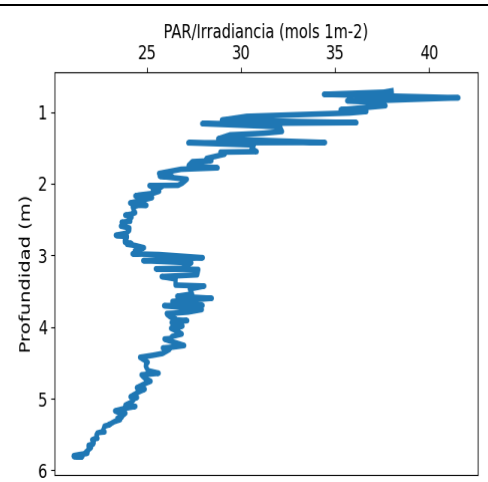


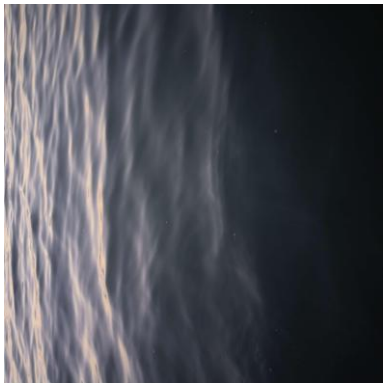












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.44	51.04	0.65	8.77	21.08	1.26	43.16
PROF (metros)	0.705	0.705	3.702	0.705	5.794	0.912	0.705
MÁXIMO	14.45	14.45	1.22	9.19	41.57	1.98	43.16
PROF (metros)	1.149	1.679	5.747	4.783	0.802	5.721	0.705

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	14.44	51.04	0.9	8.87	37.07	1.28	43.16
1 - 2m	14.45	51.05	0.89	9.05	29.43	1.34	43.16
2 - 3m	14.45	51.05	0.86	9.1	24.42	1.51	43.16
3 - 4m	14.45	51.06	0.89	9.14	26.77	1.53	43.16
4 - 5m	14.45	51.06	0.9	9.15	25.53	1.63	43.16
5 - 6m	14.44	51.05	0.89	9.16	22.57	1.7	43.16

OBSERVACIONES GENERALES

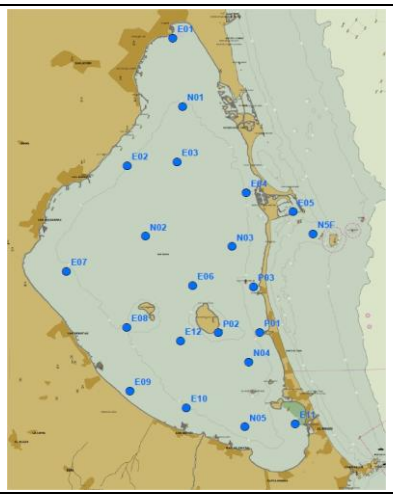
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	14.44	51.04	0.88	8.77	38.01	1.27	43.16
0.724	14.44	51.04	1.14	8.79	37.6	1.28	43.16
0.754	14.44	51.04	0.88	8.8	34.4	1.27	43.16
0.802	14.44	51.04	0.84	8.82	41.57	1.29	43.16
0.841	14.44	51.04	0.72	8.85	37.21	1.27	43.16
0.844	14.44	51.05	0.92	8.9	35.64	1.3	43.16
0.858	14.44	51.05	1.18	8.91	36.65	1.28	43.16
0.912	14.44	51.05	0.8	8.92	37.69	1.26	43.16
0.969	14.44	51.05	0.8	8.93	35.29	1.31	43.16
0.993	14.44	51.05	0.88	8.97	36.67	1.27	43.16
1.014	14.44	51.05	0.92	8.99	35.76	1.28	43.16
1.061	14.44	51.05	1.03	9.01	30.29	1.31	43.16
1.113	14.44	51.05	0.88	9.02	28.97	1.28	43.16
1.149	14.44	51.05	0.92	9.02	36.14	1.27	43.16
1.158	14.45	51.05	0.88	9.02	30.94	1.27	43.16
1.163	14.45	51.05	0.95	9.02	27.92	1.27	43.16
1.206	14.45	51.05	0.95	9.02	32.06	1.35	43.16
1.272	14.45	51.05	0.84	9.03	32.18	1.34	43.16
1.297	14.44	51.05	0.88	9.05	31.17	1.36	43.16
1.319	14.44	51.05	0.8	9.04	29.41	1.33	43.16
1.375	14.44	51.05	0.84	9.06	28.77	1.33	43.16
1.426	14.44	51.05	0.8	9.06	34.47	1.36	43.16
1.43	14.44	51.05	0.84	9.02	27.18	1.37	43.16
1.46	14.44	51.05	0.84	9.02	30.68	1.39	43.16
1.51	14.44	51.05	0.92	9.05	30.55	1.33	43.16
1.553	14.44	51.05	0.92	9.04	30.83	1.37	43.16
1.56	14.45	51.05	0.92	9.08	28.89	1.34	43.16
1.589	14.45	51.05	0.8	9.07	29.12	1.36	43.16
1.648	14.45	51.05	0.84	9.08	28.15	1.31	43.16
1.679	14.45	51.06	0.88	9.09	28.42	1.41	43.16
1.693	14.45	51.06	0.88	9.09	27.4	1.37	43.16
1.746	14.45	51.06	0.88	9.1	27.2	1.37	43.16
1.779	14.45	51.06	0.84	9.11	28.75	1.37	43.16
1.799	14.45	51.06	1.03	9.11	26.8	1.37	43.16
1.858	14.45	51.06	0.88	9.11	25.62	1.37	43.16
1.893	14.45	51.05	0.92	9.09	26.3	1.36	43.16

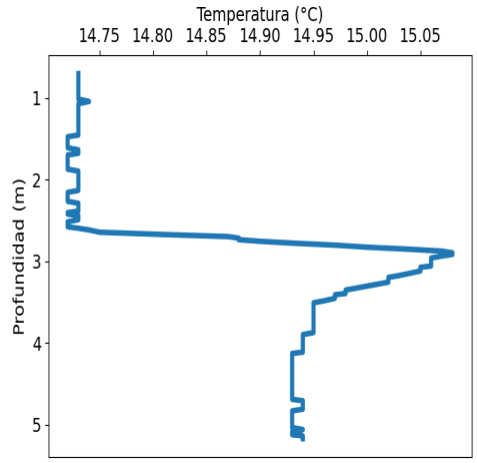
1.896	14.45	51.06	0.92	9.07	25.66	1.42	43.16
1.938	14.45	51.05	0.88	9.04	27.11	1.32	43.16
1.992	14.45	51.05	0.92	9.02	26.87	1.34	43.16
2.023	14.45	51.06	0.95	9.01	26.64	1.37	43.16
2.026	14.45	51.05	0.88	8.99	25.31	1.37	43.16
2.027	14.45	51.05	0.84	8.99	25.11	1.41	43.16
2.044	14.45	51.05	0.88	8.99	25.77	1.47	43.16
2.072	14.45	51.05	0.84	9.0	25.28	1.6	43.16
2.105	14.45	51.05	0.69	9.01	25.64	1.43	43.16
2.136	14.45	51.05	0.88	9.04	25.29	1.4	43.16
2.159	14.45	51.05	0.76	9.05	24.56	1.41	43.16
2.171	14.45	51.05	0.8	9.07	24.36	1.48	43.16
2.178	14.45	51.05	0.84	9.08	25.15	1.65	43.16
2.195	14.45	51.05	0.88	9.1	25.26	1.65	43.16
2.229	14.45	51.05	0.88	9.1	24.77	1.63	43.16
2.269	14.45	51.05	0.8	9.11	24.08	1.51	43.16
2.295	14.45	51.05	0.84	9.11	24.49	1.43	43.16
2.302	14.45	51.05	0.8	9.1	24.96	1.41	43.16
2.303	14.45	51.05	0.92	9.09	24.52	1.44	43.16
2.324	14.45	51.05	0.95	9.09	24.22	1.5	43.16
2.365	14.45	51.05	0.95	9.09	24.27	1.6	43.16
2.405	14.45	51.06	0.69	9.09	24.36	1.56	43.16
2.426	14.45	51.05	0.88	9.1	24.12	1.41	43.16
2.43	14.45	51.05	0.95	9.12	24.02	1.39	43.16
2.439	14.45	51.05	0.92	9.14	23.82	1.48	43.16
2.467	14.45	51.05	0.84	9.15	24.17	1.55	43.16
2.501	14.45	51.05	0.84	9.17	24.04	1.5	43.16
2.524	14.45	51.05	0.88	9.17	24.1	1.4	43.16
2.538	14.45	51.05	0.88	9.16	23.63	1.5	43.16
2.554	14.45	51.05	1.11	9.15	23.84	1.43	43.16
2.574	14.45	51.05	0.84	9.14	23.76	1.5	43.16
2.592	14.45	51.05	0.84	9.12	23.59	1.5	43.16
2.618	14.45	51.05	0.84	9.11	24.05	1.59	43.16
2.653	14.45	51.05	0.84	9.11	24.04	1.59	43.16
2.692	14.45	51.06	0.88	9.11	23.87	1.46	43.16
2.719	14.45	51.06	0.84	9.1	23.32	1.52	43.16
2.728	14.45	51.06	0.84	9.1	23.38	1.46	43.16
2.736	14.45	51.06	0.84	9.1	23.92	1.5	43.16
2.758	14.45	51.06	0.95	9.1	23.91	1.6	43.16
2.788	14.45	51.06	0.84	9.11	23.8	1.67	43.16
2.816	14.45	51.06	0.72	9.12	23.8	1.5	43.16
2.833	14.45	51.06	0.95	9.12	24.16	1.4	43.16
2.845	14.45	51.06	0.88	9.13	23.91	1.43	43.16
2.862	14.45	51.06	0.88	9.13	24.35	1.59	43.16
2.894	14.45	51.06	0.84	9.14	24.83	1.59	43.16
2.936	14.45	51.06	0.8	9.15	24.33	1.55	43.16
2.971	14.45	51.06	1.03	9.15	24.66	1.57	43.16
2.979	14.45	51.06	0.8	9.14	24.21	1.63	43.16
2.989	14.45	51.06	0.84	9.14	25.63	1.69	43.16
3.033	14.45	51.06	0.84	9.14	27.96	1.62	43.16
3.074	14.45	51.06	0.84	9.15	24.78	1.5	43.16
3.104	14.45	51.05	0.92	9.15	27.35	1.47	43.16
3.181	14.45	51.06	0.95	9.14	26.85	1.49	43.16
3.188	14.45	51.06	0.95	9.11	25.45	1.53	43.16
3.197	14.45	51.06	1.11	9.1	27.72	1.48	43.16
3.271	14.45	51.06	0.84	9.1	27.66	1.43	43.16
3.296	14.45	51.06	0.84	9.08	25.76	1.47	43.16
3.33	14.45	51.06	0.8	9.09	26.51	1.5	43.16

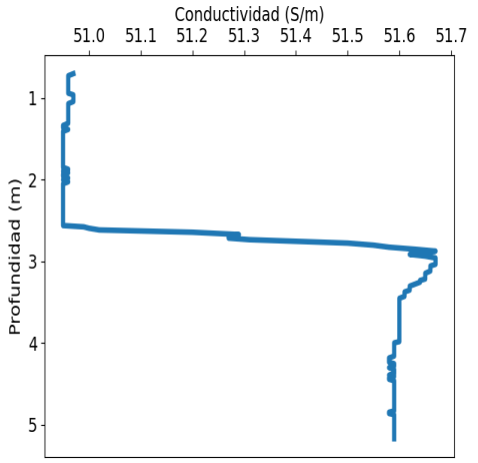
3.415	14.45	51.06	0.88	9.1	26.5	1.46	43.16
3.428	14.45	51.06	0.84	9.14	28.04	1.5	43.16
3.469	14.45	51.06	0.92	9.15	27.26	1.5	43.16
3.539	14.45	51.06	0.88	9.15	27.39	1.41	43.16
3.571	14.45	51.06	0.95	9.17	26.59	1.5	43.16
3.599	14.45	51.06	0.88	9.17	28.44	1.59	43.16
3.643	14.45	51.06	0.84	9.17	26.33	1.57	43.16
3.681	14.45	51.06	0.88	9.17	26.45	1.53	43.16
3.698	14.45	51.06	0.8	9.16	27.95	1.51	43.16
3.699	14.45	51.06	0.92	9.16	26.42	1.55	43.16
3.702	14.45	51.06	0.65	9.16	25.89	1.54	43.16
3.721	14.45	51.06	0.88	9.16	26.66	1.59	43.16
3.756	14.45	51.06	0.88	9.16	27.91	1.56	43.16
3.791	14.45	51.06	0.95	9.16	27.18	1.53	43.16
3.806	14.45	51.06	0.92	9.16	26.45	1.49	43.16
3.811	14.45	51.06	0.92	9.15	26.03	1.5	43.16
3.825	14.45	51.06	0.88	9.14	26.06	1.59	43.16
3.858	14.45	51.06	0.95	9.14	26.22	1.66	43.16
3.887	14.45	51.06	0.95	9.13	26.51	1.59	43.16
3.9	14.45	51.06	0.99	9.12	26.51	1.57	43.16
3.91	14.45	51.06	0.84	9.12	27.13	1.56	43.16
3.936	14.45	51.06	0.99	9.13	26.29	1.62	43.16
3.966	14.45	51.06	0.76	9.13	26.36	1.57	43.16
3.986	14.45	51.06	0.88	9.13	26.88	1.59	43.16
3.998	14.45	51.06	0.84	9.13	26.59	1.59	43.16
4.018	14.45	51.06	0.92	9.13	26.26	1.75	43.16
4.044	14.45	51.06	0.92	9.14	26.48	1.69	43.16
4.063	14.45	51.06	0.99	9.15	26.68	1.63	43.16
4.077	14.45	51.06	0.84	9.16	26.71	1.54	43.16
4.097	14.45	51.06	0.99	9.16	26.84	1.63	43.16
4.131	14.45	51.06	0.88	9.15	26.32	1.68	43.16
4.161	14.45	51.06	0.92	9.14	26.23	1.75	43.16
4.167	14.45	51.06	0.95	9.11	25.91	1.57	43.16
4.184	14.45	51.06	0.76	9.11	26.08	1.75	43.16
4.223	14.45	51.06	0.99	9.12	26.56	1.79	43.16
4.258	14.45	51.06	0.92	9.13	26.97	1.67	43.16
4.283	14.45	51.06	0.99	9.14	26.26	1.67	43.16
4.292	14.45	51.06	0.84	9.16	25.82	1.65	43.16
4.313	14.45	51.06	0.92	9.15	26.18	1.69	43.16
4.369	14.45	51.06	0.95	9.14	25.81	1.59	43.16
4.394	14.45	51.06	0.88	9.15	25.3	1.63	43.16
4.422	14.45	51.06	0.95	9.16	24.61	1.59	43.16
4.492	14.45	51.06	0.99	9.16	25.03	1.47	43.16
4.516	14.44	51.05	0.76	9.15	24.93	1.62	43.16
4.548	14.44	51.05	0.88	9.15	24.92	1.72	43.16
4.609	14.44	51.05	0.84	9.15	25.04	1.56	43.16
4.644	14.44	51.05	1.03	9.14	25.61	1.55	43.16
4.667	14.44	51.05	0.92	9.13	24.69	1.66	43.16
4.717	14.44	51.05	0.95	9.13	24.88	1.63	43.16
4.756	14.44	51.05	0.76	9.17	25.18	1.63	43.16
4.783	14.44	51.05	0.76	9.19	24.93	1.68	43.16
4.847	14.44	51.05	0.84	9.19	24.44	1.56	43.16
4.867	14.44	51.05	0.88	9.16	24.87	1.59	43.16
4.907	14.44	51.05	0.95	9.15	24.53	1.59	43.16
4.973	14.44	51.05	0.88	9.14	24.1	1.51	43.16
4.983	14.44	51.05	0.95	9.14	24.46	1.6	43.16
4.995	14.44	51.05	0.84	9.13	24.33	1.59	43.16
5.046	14.44	51.05	0.84	9.13	24.17	1.59	43.16

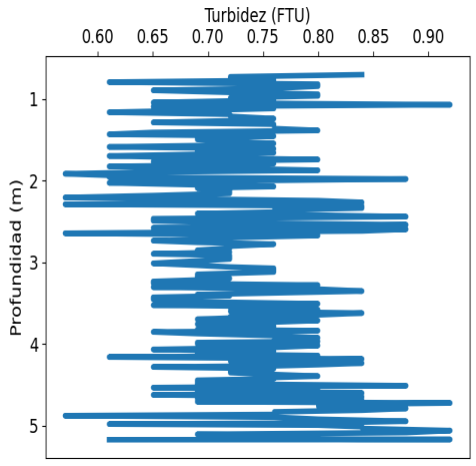
5.09	14.44	51.05	0.84	9.13	23.83	1.6	43.16
5.099	14.44	51.05	0.84	9.14	23.93	1.79	43.16
5.107	14.44	51.05	0.84	9.14	24.37	1.75	43.16
5.137	14.44	51.05	0.88	9.13	23.76	1.77	43.16
5.17	14.44	51.05	0.8	9.13	23.28	1.75	43.16
5.192	14.44	51.05	0.88	9.12	23.46	1.66	43.16
5.202	14.44	51.05	0.84	9.13	23.84	1.59	43.16
5.215	14.44	51.05	0.88	9.14	23.77	1.6	43.16
5.236	14.44	51.05	0.8	9.14	23.66	1.71	43.16
5.256	14.44	51.05	0.84	9.15	23.65	1.83	43.16
5.274	14.44	51.05	1.03	9.16	23.4	1.77	43.16
5.292	14.44	51.05	0.88	9.17	23.56	1.75	43.16
5.32	14.44	51.05	0.95	9.17	23.24	1.93	43.16
5.346	14.44	51.05	0.84	9.16	23.07	1.75	43.16
5.358	14.44	51.05	0.84	9.15	22.96	1.66	43.16
5.364	14.44	51.05	1.18	9.15	22.99	1.63	43.16
5.382	14.44	51.05	0.84	9.15	22.72	1.73	43.16
5.417	14.44	51.05	0.88	9.16	22.68	1.8	43.16
5.447	14.44	51.05	0.8	9.16	22.63	1.84	43.16
5.463	14.44	51.05	0.92	9.16	22.73	1.63	43.16
5.469	14.44	51.05	0.95	9.17	22.48	1.6	43.16
5.479	14.44	51.05	0.76	9.17	22.34	1.6	43.16
5.505	14.44	51.05	0.88	9.17	22.29	1.82	43.16
5.534	14.44	51.05	0.92	9.17	22.31	1.81	43.16
5.552	14.44	51.05	0.69	9.17	22.35	1.75	43.16
5.56	14.44	51.05	0.88	9.17	22.18	1.67	43.16
5.574	14.44	51.05	0.8	9.17	22.06	1.69	43.16
5.597	14.44	51.05	0.8	9.15	22.14	1.83	43.16
5.617	14.44	51.05	0.88	9.14	22.15	1.82	43.16
5.633	14.44	51.05	0.95	9.14	22.12	1.69	43.16
5.65	14.44	51.05	0.88	9.13	21.87	1.72	43.16
5.669	14.44	51.05	0.95	9.13	21.87	1.74	43.16
5.681	14.44	51.05	0.76	9.13	22.01	1.75	43.16
5.696	14.44	51.05	0.88	9.14	21.94	1.87	43.16
5.721	14.44	51.05	1.11	9.15	21.83	1.98	43.16
5.747	14.44	51.05	1.22	9.16	21.72	1.8	43.16
5.759	14.44	51.05	0.99	9.16	21.82	1.53	43.16
5.764	14.44	51.05	0.8	9.18	21.77	1.54	43.16
5.778	14.44	51.05	0.88	9.18	21.41	1.69	43.16
5.794	14.44	51.05	1.03	9.18	21.08	1.55	43.16
5.803	14.44	51.05	0.92	9.18	21.25	1.43	43.16
5.805	14.44	51.05	1.14	9.18	21.55	1.49	43.16
5.806	14.44	51.05	0.84	9.19	21.08	1.54	43.16
5.807	14.44	51.05	0.84	9.18	21.47	1.59	43.16
5.808	14.44	51.05	0.95	9.17	21.47	1.69	43.16

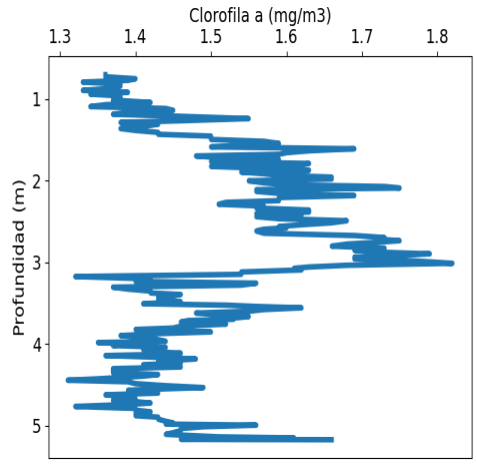
Nombre: CTD E02 - Punto 003 **Fecha: 17/02/2025** **Hora: 08:02:12**

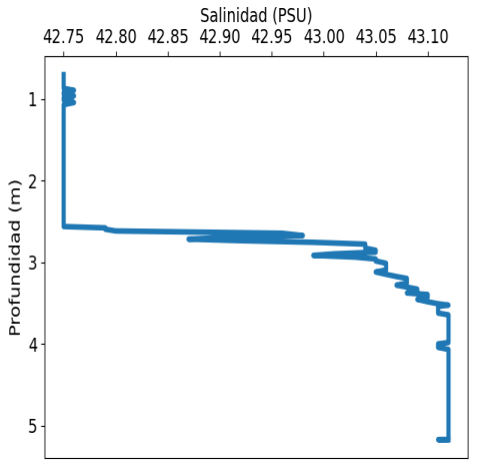


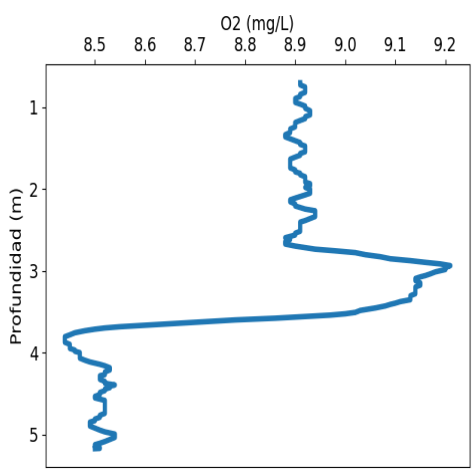


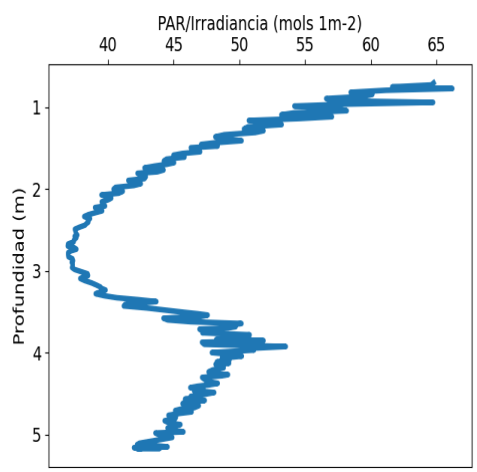












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.72	50.95	0.57	8.44	36.95	1.31	42.75
PROF (metros)	1.475	1.337	1.916	3.804	2.697	4.443	0.703
MÁXIMO	15.08	15.08	0.92	9.21	66.2	1.82	43.12
PROF (metros)	2.896	2.875	1.071	2.936	0.773	3.012	3.524

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	14.73	50.96	0.75	8.91	60.54	1.37	42.75
1 - 2m	14.73	50.95	0.71	8.91	47.5	1.51	42.75
2 - 3m	14.81	51.15	0.73	8.96	38.31	1.64	42.84
3 - 4m	14.98	51.62	0.73	8.84	44.69	1.49	43.1
4 - 5m	14.93	51.59	0.76	8.51	46.75	1.41	43.12
5 - 6m	14.94	51.59	0.8	8.51	43.27	1.52	43.12

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	14.73	50.97	0.84	8.91	64.77	1.36	42.75
0.729	14.73	50.96	0.72	8.91	64.58	1.36	42.75
0.753	14.73	50.96	0.72	8.92	61.61	1.4	42.75
0.773	14.73	50.96	0.76	8.92	66.2	1.39	42.75
0.794	14.73	50.96	0.61	8.92	61.14	1.33	42.75
0.819	14.73	50.96	0.8	8.92	58.45	1.38	42.75
0.844	14.73	50.96	0.8	8.91	60.12	1.38	42.75
0.87	14.73	50.96	0.76	8.91	59.41	1.37	42.75
0.895	14.73	50.96	0.65	8.9	56.59	1.33	42.76
0.92	14.73	50.96	0.72	8.9	56.94	1.39	42.75
0.942	14.73	50.96	0.8	8.9	64.74	1.34	42.75
0.963	14.73	50.97	0.8	8.91	58.22	1.38	42.76
0.987	14.73	50.97	0.72	8.92	54.17	1.38	42.75
1.014	14.73	50.97	0.76	8.92	57.14	1.37	42.75
1.044	14.74	50.97	0.65	8.93	58.17	1.42	42.76
1.071	14.73	50.96	0.92	8.93	54.11	1.36	42.75
1.094	14.73	50.96	0.65	8.93	53.18	1.34	42.75
1.117	14.73	50.96	0.76	8.92	57.05	1.44	42.75
1.14	14.73	50.96	0.69	8.92	54.53	1.45	42.75
1.163	14.73	50.96	0.61	8.91	50.71	1.39	42.75
1.188	14.73	50.96	0.72	8.9	52.6	1.37	42.75
1.213	14.73	50.96	0.72	8.9	53.23	1.46	42.75
1.241	14.73	50.96	0.76	8.9	50.65	1.55	42.75
1.267	14.73	50.96	0.72	8.89	50.34	1.46	42.75
1.288	14.73	50.96	0.65	8.89	51.85	1.38	42.75
1.31	14.73	50.96	0.76	8.89	51.2	1.43	42.75
1.337	14.73	50.95	0.76	8.88	48.86	1.41	42.75
1.363	14.73	50.95	0.76	8.88	48.16	1.38	42.75
1.386	14.73	50.96	0.8	8.89	48.9	1.4	42.75
1.41	14.73	50.95	0.65	8.9	50.18	1.43	42.75
1.433	14.73	50.95	0.61	8.91	48.27	1.43	42.75
1.455	14.73	50.95	0.76	8.91	47.09	1.5	42.75
1.475	14.72	50.95	0.69	8.92	48.36	1.5	42.75
1.496	14.72	50.95	0.69	8.92	46.3	1.5	42.75
1.519	14.72	50.95	0.72	8.92	46.45	1.57	42.75
1.545	14.72	50.95	0.76	8.92	47.03	1.59	42.75

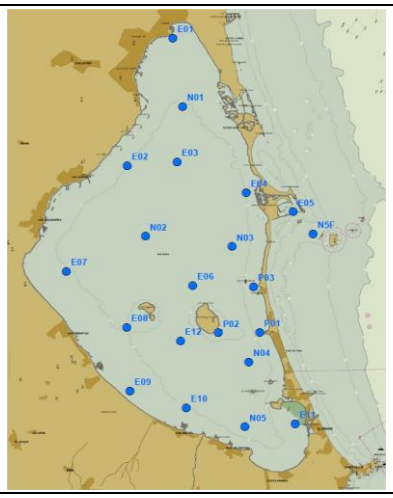
1.566	14.72	50.95	0.72	8.91	45.66	1.54	42.75
1.587	14.72	50.95	0.61	8.91	44.98	1.5	42.75
1.61	14.72	50.95	0.76	8.9	45.84	1.69	42.75
1.635	14.73	50.95	0.69	8.89	44.46	1.63	42.75
1.658	14.73	50.95	0.76	8.89	44.25	1.6	42.75
1.678	14.73	50.95	0.69	8.89	45.05	1.59	42.75
1.698	14.72	50.95	0.61	8.89	44.48	1.48	42.75
1.719	14.72	50.95	0.69	8.89	43.58	1.51	42.75
1.742	14.72	50.95	0.8	8.89	42.78	1.59	42.75
1.767	14.72	50.95	0.65	8.9	44.25	1.5	42.75
1.79	14.72	50.95	0.76	8.9	43.76	1.63	42.75
1.808	14.72	50.95	0.72	8.91	42.25	1.62	42.75
1.826	14.72	50.95	0.61	8.91	42.61	1.5	42.75
1.85	14.72	50.95	0.72	8.92	42.9	1.57	42.75
1.873	14.72	50.96	0.8	8.92	42.79	1.63	42.75
1.895	14.73	50.95	0.65	8.92	41.55	1.54	42.75
1.916	14.73	50.96	0.57	8.92	41.81	1.57	42.75
1.935	14.73	50.95	0.61	8.93	42.52	1.59	42.75
1.957	14.73	50.95	0.61	8.93	41.97	1.66	42.75
1.98	14.73	50.96	0.88	8.92	40.58	1.66	42.75
2.002	14.73	50.95	0.72	8.93	40.43	1.55	42.75
2.027	14.73	50.96	0.61	8.93	41.15	1.57	42.75
2.051	14.73	50.95	0.69	8.93	40.83	1.6	42.75
2.072	14.73	50.95	0.76	8.92	39.51	1.73	42.75
2.091	14.73	50.95	0.69	8.91	40.02	1.75	42.75
2.111	14.73	50.95	0.72	8.9	40.27	1.56	42.75
2.132	14.73	50.95	0.72	8.89	40.02	1.56	42.75
2.156	14.72	50.95	0.72	8.89	39.53	1.59	42.75
2.183	14.72	50.95	0.65	8.9	39.58	1.69	42.75
2.207	14.72	50.95	0.57	8.9	39.8	1.59	42.75
2.226	14.72	50.95	0.69	8.91	39.02	1.59	42.75
2.245	14.72	50.95	0.8	8.92	39.41	1.59	42.75
2.266	14.72	50.95	0.84	8.94	39.58	1.52	42.75
2.289	14.73	50.95	0.57	8.94	39.05	1.51	42.75
2.312	14.73	50.95	0.84	8.94	38.54	1.57	42.75
2.336	14.73	50.95	0.84	8.94	38.2	1.56	42.75
2.36	14.73	50.95	0.76	8.93	38.66	1.63	42.75
2.385	14.73	50.95	0.76	8.92	38.48	1.63	42.75
2.404	14.72	50.95	0.69	8.91	38.53	1.56	42.75
2.422	14.72	50.95	0.8	8.91	38.38	1.62	42.75
2.441	14.73	50.95	0.88	8.91	38.27	1.56	42.75
2.466	14.73	50.95	0.65	8.91	37.85	1.59	42.75
2.491	14.73	50.95	0.65	8.91	37.49	1.68	42.75
2.516	14.72	50.95	0.72	8.91	37.54	1.66	42.75
2.54	14.72	50.95	0.88	8.9	37.58	1.62	42.75
2.562	14.72	50.95	0.8	8.9	37.69	1.59	42.75
2.578	14.72	50.99	0.65	8.89	37.47	1.6	42.79
2.595	14.73	51.0	0.88	8.88	37.62	1.57	42.79
2.616	14.74	51.02	0.84	8.89	37.44	1.56	42.8
2.644	14.75	51.2	0.57	8.88	37.42	1.57	42.96
2.672	14.81	51.29	0.8	8.88	36.97	1.69	42.98
2.697	14.87	51.27	0.72	8.9	36.95	1.73	42.9
2.716	14.88	51.27	0.72	8.92	37.44	1.72	42.87
2.735	14.88	51.31	0.65	8.94	37.62	1.75	42.92
2.755	14.9	51.4	0.69	8.98	37.21	1.72	42.99
2.777	14.93	51.5	0.76	9.02	36.98	1.68	43.04
2.802	14.97	51.55	0.72	9.04	36.98	1.66	43.04
2.827	15.0	51.58	0.72	9.07	37.0	1.73	43.04

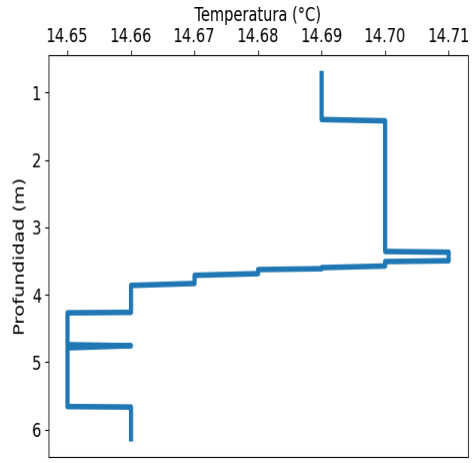
2.852	15.04	51.63	0.69	9.09	37.32	1.69	43.05
2.875	15.07	51.67	0.72	9.13	37.37	1.72	43.05
2.896	15.08	51.65	0.65	9.16	37.25	1.79	43.01
2.915	15.08	51.62	0.72	9.19	37.34	1.75	42.99
2.936	15.07	51.65	0.72	9.21	37.34	1.69	43.03
2.959	15.06	51.67	0.72	9.2	37.27	1.69	43.05
2.983	15.06	51.67	0.69	9.2	37.48	1.77	43.05
3.012	15.06	51.67	0.65	9.18	38.01	1.82	43.06
3.036	15.06	51.67	0.69	9.17	38.47	1.68	43.06
3.057	15.06	51.66	0.72	9.16	38.51	1.63	43.06
3.073	15.05	51.66	0.76	9.15	38.17	1.61	43.06
3.093	15.05	51.66	0.76	9.14	37.9	1.62	43.06
3.118	15.05	51.66	0.76	9.14	38.24	1.54	43.05
3.147	15.04	51.65	0.69	9.15	38.77	1.54	43.06
3.174	15.03	51.65	0.69	9.15	39.15	1.32	43.07
3.197	15.02	51.65	0.72	9.14	39.44	1.4	43.08
3.216	15.02	51.65	0.69	9.14	39.55	1.42	43.08
3.234	15.02	51.64	0.65	9.14	39.84	1.4	43.08
3.255	15.02	51.64	0.65	9.14	39.47	1.56	43.08
3.279	15.01	51.63	0.8	9.14	39.07	1.54	43.07
3.304	15.0	51.62	0.65	9.13	39.74	1.37	43.08
3.328	14.99	51.62	0.8	9.13	40.68	1.39	43.09
3.352	14.98	51.62	0.84	9.13	42.33	1.42	43.09
3.375	14.98	51.61	0.76	9.11	43.7	1.42	43.08
3.394	14.98	51.61	0.69	9.1	42.25	1.46	43.1
3.409	14.97	51.61	0.72	9.09	41.32	1.45	43.1
3.428	14.97	51.61	0.65	9.08	41.21	1.43	43.1
3.453	14.97	51.6	0.65	9.06	42.97	1.43	43.09
3.483	14.96	51.6	0.69	9.03	44.57	1.46	43.1
3.507	14.95	51.6	0.8	9.02	45.87	1.41	43.11
3.524	14.95	51.6	0.65	9.0	46.86	1.52	43.12
3.54	14.95	51.6	0.76	8.97	47.6	1.56	43.11
3.557	14.95	51.6	0.72	8.92	47.08	1.62	43.11
3.578	14.95	51.6	0.8	8.86	44.22	1.57	43.11
3.599	14.95	51.6	0.72	8.78	44.55	1.55	43.11
3.621	14.95	51.6	0.84	8.72	46.29	1.48	43.11
3.643	14.95	51.6	0.8	8.66	50.17	1.51	43.12
3.664	14.95	51.6	0.72	8.6	49.28	1.55	43.12
3.682	14.95	51.6	0.72	8.55	49.72	1.53	43.12
3.697	14.95	51.6	0.69	8.52	49.15	1.53	43.12
3.712	14.95	51.6	0.8	8.5	46.96	1.47	43.12
3.731	14.95	51.6	0.76	8.48	48.22	1.46	43.12
3.756	14.95	51.6	0.69	8.46	47.18	1.52	43.12
3.781	14.95	51.6	0.76	8.45	50.79	1.46	43.12
3.804	14.95	51.6	0.76	8.44	49.74	1.45	43.12
3.822	14.95	51.6	0.69	8.44	50.75	1.4	43.12
3.836	14.95	51.6	0.8	8.44	48.24	1.46	43.12
3.852	14.95	51.6	0.65	8.44	51.85	1.5	43.12
3.872	14.95	51.6	0.69	8.44	47.15	1.43	43.12
3.897	14.94	51.6	0.76	8.45	47.33	1.38	43.12
3.924	14.94	51.6	0.8	8.45	53.54	1.42	43.12
3.947	14.94	51.6	0.76	8.45	50.69	1.43	43.12
3.967	14.94	51.6	0.8	8.46	51.12	1.44	43.12
3.982	14.94	51.6	0.69	8.46	49.58	1.35	43.12
3.998	14.94	51.59	0.69	8.47	47.9	1.39	43.11
4.018	14.94	51.59	0.8	8.47	49.23	1.37	43.11
4.041	14.94	51.59	0.76	8.47	50.2	1.44	43.11
4.066	14.94	51.59	0.65	8.47	48.66	1.41	43.12

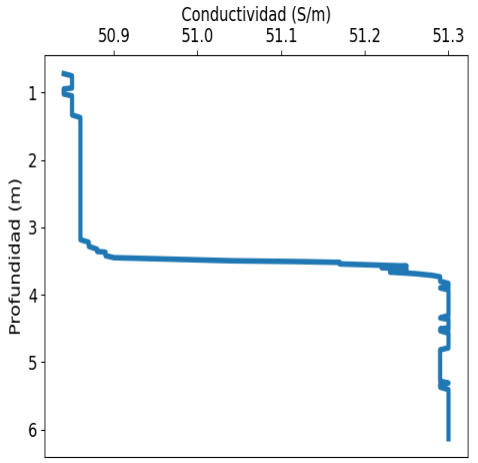
4.091	14.94	51.59	0.76	8.48	49.25	1.42	43.12
4.112	14.94	51.59	0.69	8.49	48.28	1.46	43.12
4.127	14.93	51.59	0.72	8.5	49.23	1.43	43.12
4.141	14.93	51.59	0.8	8.51	48.18	1.36	43.12
4.159	14.93	51.59	0.61	8.52	48.49	1.42	43.12
4.183	14.93	51.58	0.84	8.53	48.82	1.48	43.12
4.21	14.93	51.58	0.72	8.53	47.97	1.43	43.12
4.234	14.93	51.58	0.84	8.52	47.65	1.46	43.12
4.253	14.93	51.59	0.8	8.52	47.91	1.41	43.12
4.267	14.93	51.59	0.76	8.52	49.15	1.41	43.12
4.281	14.93	51.59	0.65	8.51	48.68	1.46	43.12
4.301	14.93	51.58	0.76	8.51	47.16	1.37	43.12
4.325	14.93	51.59	0.72	8.51	47.36	1.37	43.12
4.35	14.93	51.59	0.72	8.52	47.56	1.37	43.12
4.373	14.93	51.59	0.76	8.52	48.37	1.43	43.12
4.393	14.93	51.58	0.8	8.54	47.68	1.41	43.12
4.409	14.93	51.59	0.76	8.53	46.82	1.38	43.12
4.426	14.93	51.58	0.76	8.53	46.26	1.35	43.12
4.443	14.93	51.58	0.69	8.52	47.26	1.31	43.12
4.462	14.93	51.59	0.69	8.52	46.54	1.39	43.12
4.485	14.93	51.59	0.69	8.51	48.1	1.4	43.12
4.51	14.93	51.59	0.88	8.51	47.28	1.44	43.12
4.533	14.93	51.59	0.65	8.5	46.29	1.49	43.12
4.551	14.93	51.59	0.76	8.5	46.7	1.43	43.12
4.566	14.93	51.59	0.8	8.51	45.86	1.39	43.12
4.582	14.93	51.59	0.69	8.52	47.38	1.4	43.12
4.6	14.93	51.59	0.84	8.52	45.88	1.43	43.12
4.622	14.93	51.59	0.65	8.52	45.67	1.36	43.12
4.646	14.93	51.59	0.84	8.52	46.93	1.39	43.12
4.67	14.93	51.59	0.69	8.52	46.58	1.4	43.12
4.689	14.93	51.59	0.84	8.52	45.52	1.37	43.12
4.706	14.94	51.59	0.69	8.52	45.11	1.4	43.12
4.722	14.94	51.59	0.92	8.52	46.38	1.42	43.12
4.74	14.94	51.59	0.8	8.52	45.47	1.39	43.12
4.764	14.94	51.59	0.8	8.51	44.6	1.32	43.12
4.788	14.94	51.59	0.88	8.51	45.19	1.4	43.12
4.81	14.94	51.59	0.84	8.5	45.1	1.4	43.12
4.83	14.93	51.59	0.76	8.5	44.31	1.42	43.12
4.847	14.93	51.58	0.76	8.49	44.53	1.4	43.12
4.862	14.93	51.58	0.76	8.49	44.84	1.4	43.12
4.877	14.93	51.59	0.57	8.49	45.53	1.4	43.12
4.895	14.93	51.59	0.76	8.49	45.04	1.43	43.12
4.92	14.93	51.59	0.8	8.5	44.53	1.43	43.12
4.945	14.93	51.59	0.88	8.51	44.88	1.44	43.12
4.966	14.93	51.59	0.8	8.52	45.76	1.45	43.12
4.98	14.93	51.59	0.61	8.53	43.61	1.44	43.12
4.993	14.93	51.59	0.8	8.54	43.79	1.56	43.12
5.012	14.93	51.59	0.84	8.54	44.3	1.49	43.12
5.034	14.93	51.59	0.84	8.54	44.91	1.46	43.12
5.059	14.94	51.59	0.92	8.53	44.05	1.46	43.12
5.084	14.93	51.59	0.88	8.52	43.15	1.45	43.12
5.105	14.93	51.59	0.69	8.51	42.4	1.44	43.12
5.123	14.93	51.59	0.8	8.5	42.21	1.48	43.12
5.136	14.94	51.59	0.72	8.5	43.69	1.51	43.12
5.149	14.94	51.59	0.72	8.5	44.55	1.61	43.12
5.159	14.94	51.59	0.76	8.51	41.98	1.56	43.12
5.166	14.94	51.59	0.84	8.51	42.68	1.46	43.12
5.168	14.94	51.59	0.92	8.51	43.96	1.5	43.12

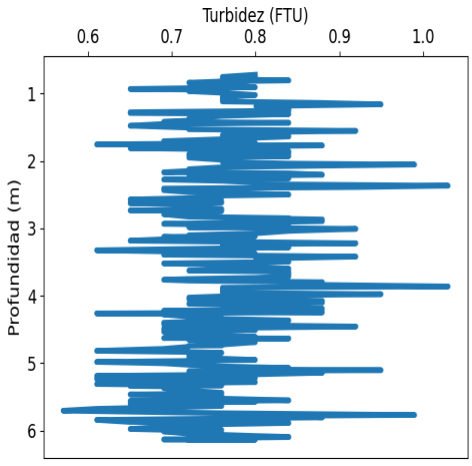
5.17	14.94	51.59	0.8	8.5	42.21	1.62	43.11
5.171	14.94	51.59	0.61	8.5	42.45	1.66	43.12

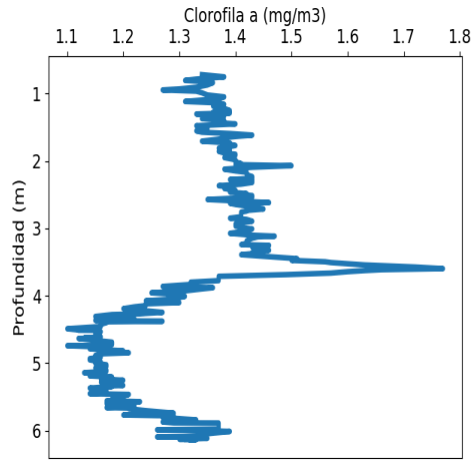
Nombre: CTD E03 - Punto 004 **Fecha: 17/02/2025** **Hora: 08:02:39**

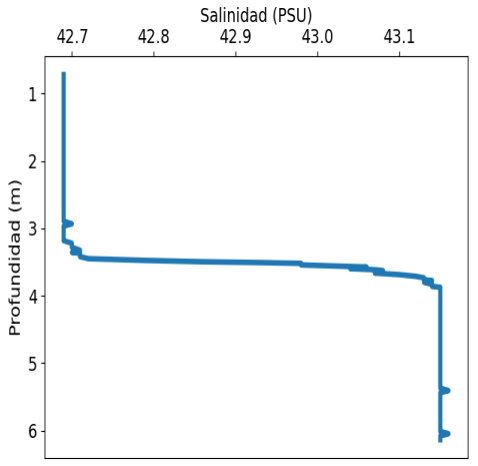


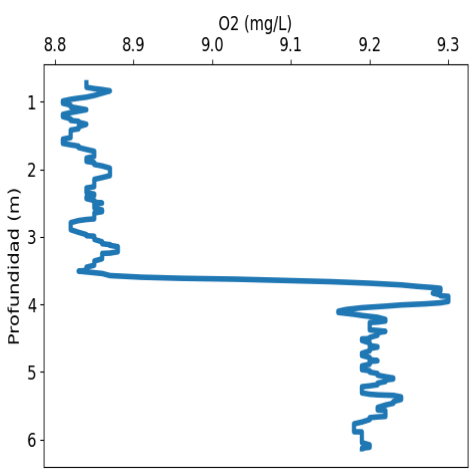


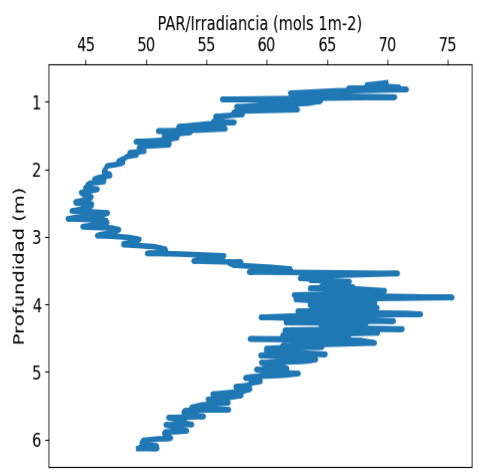


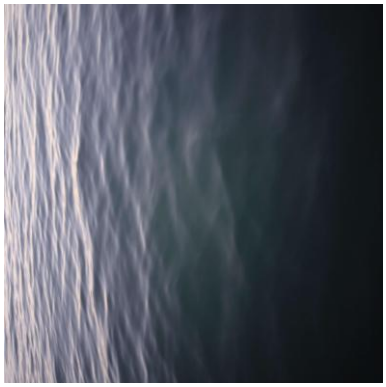












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.65	50.84	0.57	8.81	43.5	1.1	42.69
PROF (metros)	4.268	0.718	5.705	0.987	2.733	4.489	0.718
MÁXIMO	14.71	14.71	1.03	9.3	75.39	1.77	43.16
PROF (metros)	3.368	3.832	2.366	3.88	3.898	3.597	5.407

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	14.69	50.85	0.76	8.84	66.18	1.33	42.69
1 - 2m	14.7	50.86	0.77	8.83	52.73	1.37	42.69
2 - 3m	14.7	50.86	0.78	8.85	45.67	1.41	42.69
3 - 4m	14.69	51.09	0.79	9.02	60.03	1.45	42.92
4 - 5m	14.65	51.3	0.75	9.2	63.82	1.18	43.15
5 - 6m	14.65	51.3	0.74	9.21	55.45	1.21	43.15
6 - 7m	14.66	51.3	0.76	9.19	50.07	1.32	43.15

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	14.69	50.84	0.8	8.84	69.91	1.34	42.69
0.751	14.69	50.85	0.76	8.84	68.27	1.38	42.69
0.784	14.69	50.85	0.76	8.84	70.97	1.33	42.69
0.804	14.69	50.85	0.84	8.85	66.74	1.31	42.69
0.818	14.69	50.85	0.76	8.86	71.61	1.34	42.69
0.837	14.69	50.85	0.72	8.87	65.74	1.36	42.69
0.871	14.69	50.85	0.76	8.86	61.93	1.35	42.69
0.905	14.69	50.85	0.8	8.85	63.03	1.33	42.69
0.93	14.69	50.85	0.65	8.84	70.64	1.3	42.69
0.945	14.69	50.84	0.76	8.83	64.52	1.27	42.69
0.963	14.69	50.84	0.72	8.82	56.29	1.33	42.69
0.987	14.69	50.84	0.76	8.81	64.48	1.34	42.69
1.02	14.69	50.84	0.8	8.81	63.45	1.35	42.69
1.048	14.69	50.85	0.76	8.82	60.16	1.38	42.69
1.074	14.69	50.85	0.76	8.82	57.47	1.37	42.69
1.095	14.69	50.85	0.76	8.83	59.27	1.34	42.69
1.116	14.69	50.85	0.76	8.84	62.58	1.31	42.69
1.137	14.69	50.85	0.88	8.83	57.55	1.37	42.69
1.159	14.69	50.85	0.95	8.82	57.23	1.38	42.69
1.186	14.69	50.85	0.8	8.81	58.01	1.36	42.69
1.218	14.69	50.85	0.84	8.81	55.73	1.38	42.69
1.252	14.69	50.85	0.84	8.82	56.3	1.39	42.69
1.275	14.69	50.85	0.65	8.82	55.81	1.36	42.69
1.288	14.69	50.85	0.65	8.83	55.57	1.39	42.69
1.302	14.69	50.85	0.84	8.83	57.34	1.33	42.69
1.331	14.69	50.85	0.76	8.84	54.83	1.38	42.69
1.37	14.69	50.86	0.72	8.83	52.68	1.34	42.69
1.399	14.69	50.86	0.72	8.83	56.59	1.38	42.69
1.418	14.7	50.86	0.69	8.82	54.31	1.37	42.69
1.432	14.7	50.86	0.84	8.82	50.99	1.37	42.69
1.449	14.7	50.86	0.69	8.82	53.69	1.4	42.69
1.476	14.7	50.86	0.65	8.82	52.55	1.33	42.69
1.504	14.7	50.86	0.72	8.82	51.47	1.35	42.69
1.529	14.7	50.86	0.72	8.82	52.6	1.35	42.69
1.552	14.7	50.86	0.92	8.81	51.97	1.33	42.69

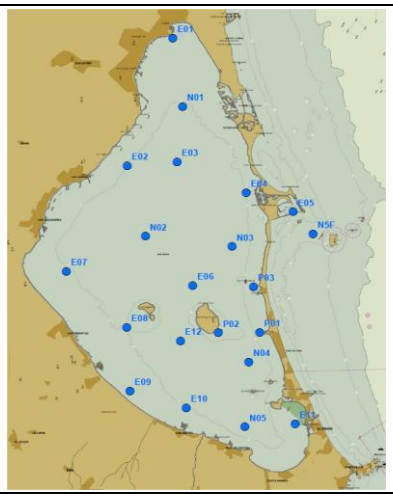
1.572	14.7	50.86	0.8	8.81	51.14	1.34	42.69
1.592	14.7	50.86	0.84	8.81	49.13	1.39	42.69
1.615	14.7	50.86	0.76	8.81	51.95	1.43	42.69
1.636	14.7	50.86	0.84	8.82	51.91	1.4	42.69
1.655	14.7	50.86	0.8	8.83	50.03	1.38	42.69
1.676	14.7	50.86	0.76	8.83	49.39	1.37	42.69
1.705	14.7	50.86	0.69	8.84	49.77	1.34	42.69
1.732	14.7	50.86	0.8	8.85	49.86	1.39	42.69
1.753	14.7	50.86	0.61	8.85	48.63	1.39	42.69
1.769	14.7	50.86	0.88	8.85	48.97	1.4	42.69
1.786	14.7	50.86	0.76	8.85	49.23	1.39	42.69
1.809	14.7	50.86	0.65	8.85	48.41	1.37	42.69
1.833	14.7	50.86	0.8	8.84	48.24	1.39	42.69
1.856	14.7	50.86	0.84	8.84	47.96	1.37	42.69
1.881	14.7	50.86	0.84	8.84	47.7	1.38	42.69
1.899	14.7	50.86	0.72	8.85	48.11	1.4	42.69
1.913	14.7	50.86	0.72	8.85	47.92	1.4	42.69
1.927	14.7	50.86	0.84	8.85	47.56	1.39	42.69
1.949	14.7	50.86	0.72	8.86	46.76	1.38	42.69
1.982	14.7	50.86	0.76	8.87	46.68	1.4	42.69
2.013	14.7	50.86	0.76	8.87	46.54	1.4	42.69
2.037	14.7	50.86	0.84	8.87	46.49	1.41	42.69
2.053	14.7	50.86	0.99	8.87	46.61	1.4	42.69
2.069	14.7	50.86	0.88	8.87	46.99	1.5	42.69
2.092	14.7	50.86	0.76	8.87	47.03	1.43	42.69
2.121	14.7	50.86	0.72	8.86	46.07	1.38	42.69
2.147	14.7	50.86	0.72	8.85	45.7	1.4	42.69
2.167	14.7	50.86	0.69	8.85	46.53	1.42	42.69
2.182	14.7	50.86	0.84	8.85	46.51	1.42	42.69
2.204	14.7	50.86	0.88	8.85	45.35	1.42	42.69
2.231	14.7	50.86	0.72	8.85	45.13	1.43	42.69
2.256	14.7	50.86	0.84	8.85	45.22	1.43	42.69
2.275	14.7	50.86	0.69	8.84	44.95	1.39	42.69
2.294	14.7	50.86	0.76	8.84	45.99	1.43	42.69
2.318	14.7	50.86	0.8	8.84	45.42	1.43	42.69
2.343	14.7	50.86	0.8	8.84	44.6	1.41	42.69
2.366	14.7	50.86	1.03	8.85	44.77	1.37	42.69
2.387	14.7	50.86	0.92	8.85	45.07	1.39	42.69
2.408	14.7	50.86	0.69	8.84	45.48	1.38	42.69
2.433	14.7	50.86	0.69	8.84	45.36	1.4	42.69
2.461	14.7	50.86	0.72	8.85	44.69	1.39	42.69
2.484	14.7	50.86	0.8	8.85	44.13	1.42	42.69
2.498	14.7	50.86	0.84	8.86	44.18	1.41	42.69
2.513	14.7	50.86	0.76	8.85	45.52	1.43	42.69
2.538	14.7	50.86	0.76	8.85	45.5	1.43	42.69
2.571	14.7	50.86	0.65	8.85	45.1	1.35	42.69
2.601	14.7	50.86	0.76	8.86	44.31	1.42	42.69
2.617	14.7	50.86	0.76	8.86	43.83	1.46	42.69
2.626	14.7	50.86	0.65	8.86	45.22	1.39	42.69
2.645	14.7	50.86	0.72	8.85	46.84	1.4	42.69
2.679	14.7	50.86	0.72	8.85	46.36	1.43	42.69
2.712	14.7	50.86	0.76	8.85	44.14	1.45	42.69
2.733	14.7	50.86	0.65	8.85	43.5	1.42	42.69
2.742	14.7	50.86	0.76	8.84	45.19	1.42	42.69
2.758	14.7	50.86	0.72	8.83	46.71	1.41	42.69
2.789	14.7	50.86	0.69	8.82	46.79	1.41	42.69
2.826	14.7	50.86	0.72	8.82	45.57	1.41	42.69
2.848	14.7	50.86	0.84	8.82	44.72	1.39	42.69

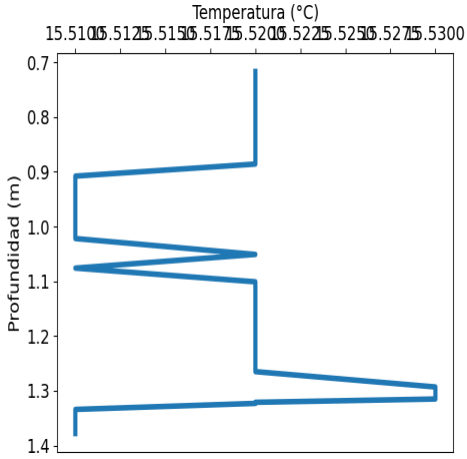
2.858	14.7	50.86	0.84	8.82	45.41	1.41	42.69
2.867	14.7	50.86	0.88	8.82	47.15	1.42	42.69
2.893	14.7	50.86	0.88	8.82	47.77	1.43	42.69
2.932	14.7	50.86	0.69	8.83	47.39	1.4	42.7
2.966	14.7	50.86	0.84	8.84	46.22	1.4	42.69
2.982	14.7	50.86	0.72	8.84	45.93	1.41	42.69
2.99	14.7	50.86	0.8	8.85	47.18	1.41	42.69
3.007	14.7	50.86	0.92	8.85	48.57	1.43	42.69
3.037	14.7	50.86	0.84	8.85	49.46	1.42	42.69
3.073	14.7	50.86	0.8	8.86	49.08	1.39	42.69
3.101	14.7	50.86	0.72	8.86	48.12	1.43	42.69
3.115	14.7	50.86	0.8	8.87	48.1	1.47	42.69
3.125	14.7	50.86	0.69	8.87	49.1	1.44	42.69
3.145	14.7	50.86	0.72	8.88	50.68	1.43	42.69
3.182	14.7	50.86	0.65	8.88	51.61	1.42	42.69
3.22	14.7	50.87	0.92	8.88	51.67	1.42	42.7
3.24	14.7	50.87	0.76	8.87	51.21	1.41	42.7
3.245	14.7	50.87	0.76	8.86	50.07	1.43	42.7
3.252	14.7	50.87	0.76	8.86	52.59	1.46	42.7
3.281	14.7	50.87	0.84	8.86	56.48	1.43	42.7
3.324	14.7	50.88	0.61	8.86	54.73	1.46	42.71
3.357	14.7	50.88	0.76	8.85	53.92	1.43	42.7
3.368	14.71	50.89	0.72	8.85	56.22	1.43	42.71
3.374	14.71	50.89	0.8	8.85	57.89	1.43	42.71
3.39	14.71	50.89	0.69	8.85	56.9	1.41	42.71
3.419	14.71	50.89	0.92	8.85	57.26	1.46	42.71
3.449	14.71	50.9	0.8	8.84	60.24	1.51	42.72
3.475	14.71	50.98	0.8	8.84	61.97	1.5	42.79
3.495	14.71	51.04	0.84	8.84	61.83	1.56	42.86
3.507	14.7	51.12	0.76	8.83	59.26	1.57	42.93
3.519	14.7	51.17	0.69	8.84	58.52	1.59	42.98
3.542	14.7	51.17	0.76	8.86	70.87	1.63	42.98
3.573	14.7	51.25	0.8	8.87	65.08	1.72	43.06
3.597	14.69	51.22	0.84	8.91	65.42	1.77	43.04
3.613	14.69	51.24	0.76	8.96	62.74	1.66	43.07
3.626	14.68	51.25	0.72	9.03	64.62	1.63	43.08
3.642	14.68	51.24	0.84	9.08	63.61	1.6	43.08
3.663	14.68	51.23	0.84	9.15	66.88	1.57	43.07
3.686	14.68	51.26	0.84	9.2	66.2	1.49	43.1
3.711	14.67	51.28	0.84	9.24	66.65	1.37	43.12
3.733	14.67	51.29	0.8	9.26	64.5	1.37	43.13
3.75	14.67	51.29	0.72	9.28	67.22	1.37	43.13
3.762	14.67	51.29	0.69	9.29	63.57	1.37	43.13
3.775	14.67	51.29	0.72	9.29	67.82	1.37	43.14
3.798	14.67	51.29	0.88	9.29	69.79	1.32	43.13
3.832	14.67	51.3	0.84	9.28	68.38	1.32	43.14
3.861	14.66	51.3	1.03	9.29	62.24	1.27	43.14
3.873	14.66	51.3	0.84	9.29	62.98	1.33	43.15
3.88	14.66	51.3	0.76	9.3	70.02	1.36	43.15
3.898	14.66	51.29	0.76	9.3	75.39	1.34	43.15
3.927	14.66	51.3	0.76	9.3	62.39	1.31	43.15
3.956	14.66	51.3	0.76	9.3	64.94	1.25	43.15
3.976	14.66	51.3	0.95	9.29	68.99	1.29	43.15
3.992	14.66	51.3	0.84	9.27	65.6	1.28	43.15
4.008	14.66	51.3	0.76	9.24	63.56	1.31	43.15
4.026	14.66	51.3	0.72	9.22	64.28	1.3	43.15
4.049	14.66	51.3	0.72	9.19	69.18	1.29	43.15
4.075	14.66	51.3	0.88	9.17	68.78	1.24	43.15

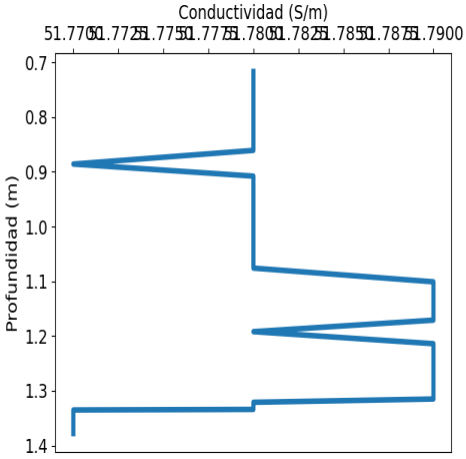
4.101	14.66	51.3	0.88	9.16	62.55	1.3	43.15
4.119	14.66	51.3	0.72	9.16	65.7	1.24	43.15
4.133	14.66	51.3	0.8	9.17	71.65	1.24	43.15
4.146	14.66	51.3	0.76	9.18	72.78	1.24	43.15
4.164	14.66	51.3	0.8	9.19	63.33	1.22	43.15
4.191	14.66	51.3	0.88	9.21	59.49	1.2	43.15
4.222	14.66	51.3	0.69	9.22	66.76	1.24	43.15
4.246	14.66	51.3	0.88	9.22	70.54	1.27	43.15
4.261	14.66	51.3	0.61	9.21	62.88	1.24	43.15
4.268	14.65	51.3	0.76	9.2	61.57	1.23	43.15
4.279	14.65	51.3	0.69	9.2	68.26	1.18	43.15
4.307	14.65	51.3	0.72	9.2	64.46	1.15	43.15
4.343	14.65	51.29	0.76	9.2	64.65	1.22	43.15
4.365	14.65	51.3	0.84	9.2	71.26	1.15	43.15
4.378	14.65	51.3	0.72	9.2	62.06	1.27	43.15
4.386	14.65	51.3	0.72	9.21	61.47	1.17	43.15
4.399	14.65	51.3	0.69	9.22	67.19	1.17	43.15
4.421	14.65	51.3	0.69	9.21	69.21	1.16	43.15
4.456	14.65	51.3	0.92	9.21	61.3	1.16	43.15
4.489	14.65	51.3	0.69	9.2	64.32	1.1	43.15
4.507	14.65	51.29	0.8	9.2	66.85	1.12	43.15
4.511	14.65	51.3	0.8	9.19	58.59	1.12	43.15
4.513	14.65	51.3	0.76	9.19	59.6	1.15	43.15
4.533	14.65	51.29	0.69	9.19	67.77	1.16	43.15
4.571	14.65	51.3	0.72	9.2	68.96	1.15	43.15
4.609	14.65	51.3	0.8	9.2	61.3	1.16	43.15
4.627	14.65	51.3	0.69	9.21	61.8	1.13	43.15
4.63	14.65	51.3	0.76	9.21	64.61	1.14	43.15
4.633	14.65	51.3	0.84	9.21	62.29	1.12	43.15
4.653	14.65	51.3	0.72	9.2	59.95	1.14	43.15
4.688	14.65	51.3	0.8	9.2	59.94	1.18	43.15
4.724	14.65	51.3	0.76	9.19	63.44	1.18	43.15
4.738	14.65	51.3	0.76	9.19	64.88	1.15	43.15
4.741	14.65	51.3	0.72	9.19	60.37	1.1	43.15
4.756	14.66	51.3	0.72	9.19	59.46	1.15	43.15
4.787	14.65	51.3	0.69	9.2	62.17	1.14	43.15
4.817	14.65	51.29	0.61	9.2	64.09	1.2	43.15
4.834	14.65	51.29	0.72	9.21	63.56	1.17	43.15
4.846	14.65	51.29	0.76	9.2	62.81	1.21	43.15
4.861	14.65	51.29	0.72	9.2	59.53	1.16	43.15
4.885	14.65	51.29	0.72	9.2	59.84	1.15	43.15
4.911	14.65	51.29	0.72	9.19	60.09	1.16	43.15
4.933	14.65	51.29	0.76	9.19	61.43	1.14	43.15
4.951	14.65	51.29	0.8	9.19	61.7	1.14	43.15
4.966	14.65	51.29	0.72	9.19	59.12	1.15	43.15
4.982	14.65	51.29	0.61	9.2	59.62	1.16	43.15
5.002	14.65	51.29	0.69	9.2	60.35	1.15	43.15
5.024	14.65	51.29	0.72	9.21	62.65	1.17	43.15
5.048	14.65	51.29	0.76	9.21	61.44	1.17	43.15
5.071	14.65	51.29	0.84	9.22	58.74	1.15	43.15
5.09	14.65	51.29	0.76	9.23	58.21	1.16	43.15
5.104	14.65	51.29	0.95	9.23	58.92	1.17	43.15
5.12	14.65	51.29	0.72	9.22	59.46	1.17	43.15
5.142	14.65	51.29	0.88	9.22	59.49	1.13	43.15
5.166	14.65	51.29	0.8	9.21	58.66	1.16	43.15
5.189	14.65	51.29	0.61	9.21	58.63	1.14	43.15
5.206	14.65	51.29	0.8	9.2	58.17	1.18	43.15
5.219	14.65	51.29	0.8	9.19	57.41	1.16	43.15

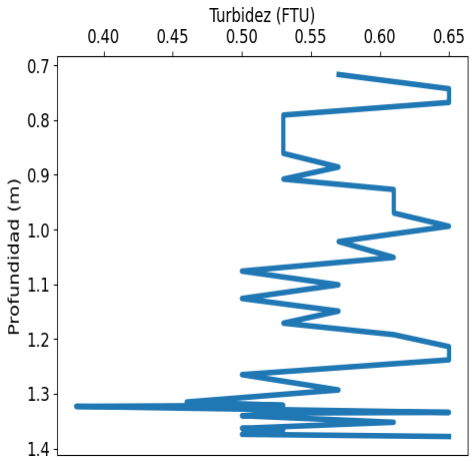
5.234	14.65	51.29	0.61	9.19	57.83	1.16	43.15
5.254	14.65	51.29	0.76	9.19	58.64	1.2	43.15
5.282	14.65	51.29	0.8	9.19	58.12	1.16	43.15
5.31	14.65	51.3	0.61	9.19	56.72	1.17	43.15
5.33	14.65	51.29	0.76	9.2	55.5	1.2	43.15
5.339	14.65	51.29	0.65	9.21	56.88	1.17	43.15
5.347	14.65	51.29	0.72	9.23	57.91	1.18	43.15
5.37	14.65	51.29	0.69	9.24	57.18	1.14	43.15
5.407	14.65	51.3	0.72	9.24	55.11	1.17	43.16
5.439	14.65	51.3	0.76	9.23	55.2	1.17	43.15
5.452	14.65	51.3	0.76	9.23	56.33	1.14	43.15
5.455	14.65	51.3	0.72	9.23	56.84	1.15	43.15
5.464	14.65	51.3	0.65	9.23	56.42	1.21	43.15
5.49	14.65	51.3	0.76	9.22	54.59	1.2	43.15
5.526	14.65	51.3	0.76	9.21	53.75	1.18	43.15
5.552	14.65	51.3	0.84	9.21	55.05	1.2	43.15
5.56	14.65	51.3	0.76	9.21	56.88	1.17	43.15
5.562	14.65	51.3	0.65	9.21	55.14	1.19	43.15
5.572	14.65	51.3	0.8	9.22	53.22	1.23	43.15
5.599	14.65	51.3	0.65	9.22	53.1	1.17	43.15
5.635	14.65	51.3	0.76	9.22	53.34	1.22	43.15
5.659	14.65	51.3	0.69	9.22	54.79	1.17	43.15
5.666	14.66	51.3	0.65	9.21	53.86	1.21	43.15
5.677	14.66	51.3	0.61	9.2	51.83	1.21	43.15
5.705	14.66	51.3	0.57	9.2	52.6	1.24	43.15
5.742	14.66	51.3	0.76	9.19	53.18	1.29	43.15
5.769	14.66	51.3	0.99	9.18	53.44	1.2	43.15
5.778	14.66	51.3	0.88	9.18	53.82	1.26	43.15
5.78	14.66	51.3	0.76	9.18	52.19	1.29	43.15
5.784	14.66	51.3	0.84	9.18	51.61	1.29	43.15
5.805	14.66	51.3	0.88	9.18	52.14	1.27	43.15
5.842	14.66	51.3	0.61	9.18	52.68	1.33	43.15
5.873	14.66	51.3	0.65	9.18	53.4	1.27	43.15
5.886	14.66	51.3	0.8	9.18	52.43	1.29	43.15
5.888	14.66	51.3	0.84	9.19	51.58	1.37	43.15
5.906	14.66	51.3	0.76	9.19	51.49	1.37	43.15
5.943	14.66	51.3	0.69	9.19	51.62	1.37	43.15
5.977	14.66	51.3	0.65	9.19	52.07	1.37	43.15
5.989	14.66	51.3	0.69	9.19	51.88	1.26	43.15
5.992	14.66	51.3	0.76	9.19	50.99	1.3	43.15
6.013	14.66	51.3	0.69	9.19	49.77	1.39	43.15
6.047	14.66	51.3	0.72	9.19	49.63	1.35	43.16
6.08	14.66	51.3	0.8	9.2	50.02	1.34	43.15
6.094	14.66	51.3	0.84	9.2	50.89	1.26	43.15
6.098	14.66	51.3	0.84	9.2	49.8	1.3	43.15
6.115	14.66	51.3	0.72	9.2	49.49	1.35	43.15
6.13	14.66	51.3	0.8	9.19	50.32	1.3	43.15
6.132	14.66	51.3	0.69	9.19	50.94	1.31	43.15
6.134	14.66	51.3	0.8	9.19	50.72	1.31	43.15
6.135	14.66	51.3	0.72	9.19	49.84	1.33	43.15
6.136	14.66	51.3	0.72	9.19	49.33	1.32	43.15

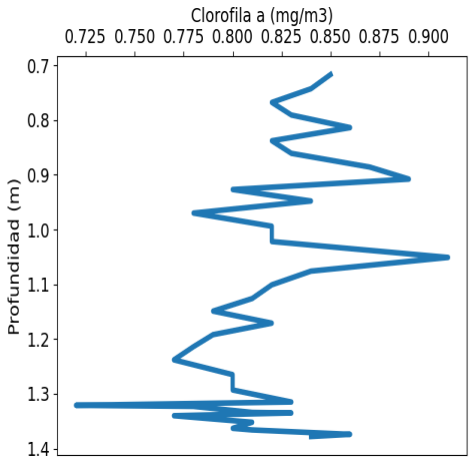
Nombre: CTD E01 - Punto 005 **Fecha: 17/02/2025** **Hora: 08:02:59**

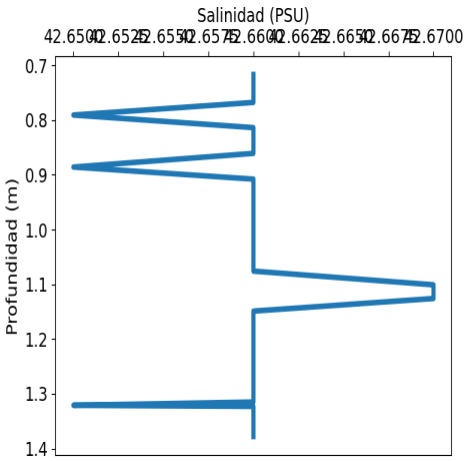


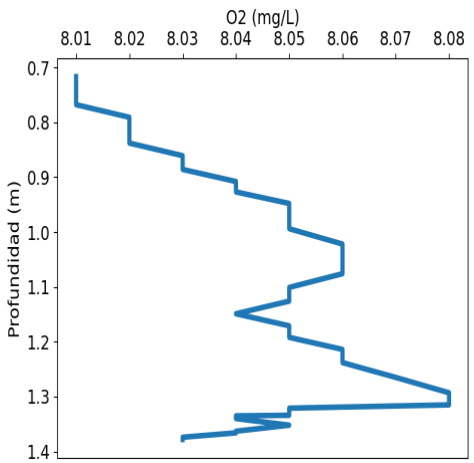


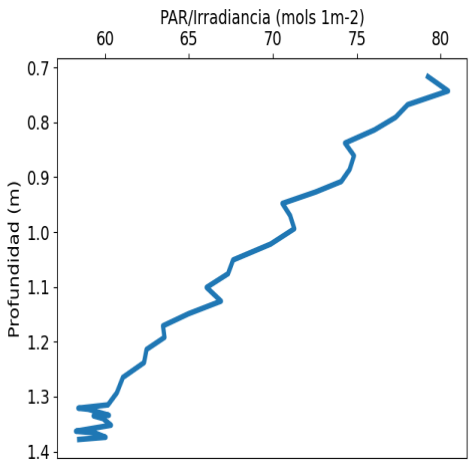












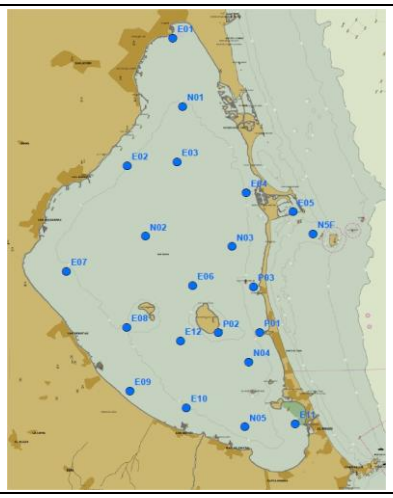
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.51	51.77	0.38	8.01	58.26	0.72	42.65
PROF (metros)	0.908	0.886	1.323	0.717	1.363	1.321	0.791
MÁXIMO	15.53	15.53	0.65	8.08	80.45	0.91	42.67
PROF (metros)	1.293	1.101	0.743	1.293	0.743	1.051	1.101

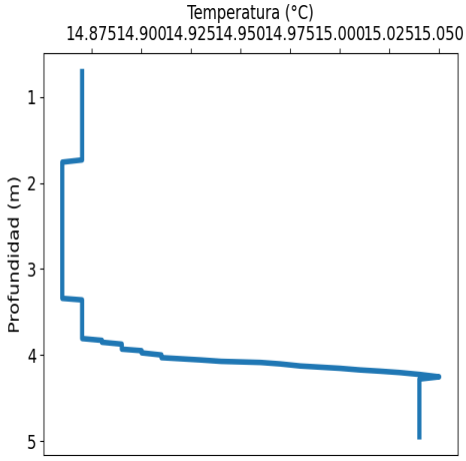
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.52	51.78	0.58	8.03	74.95	0.83	42.66
1 - 2m	15.52	51.78	0.55	8.05	62.16	0.81	42.66

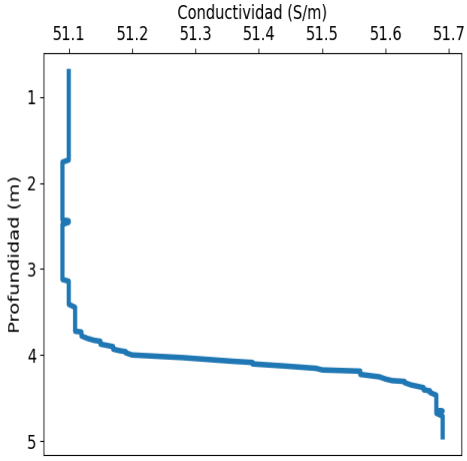
OBSERVACIONES GENERALES

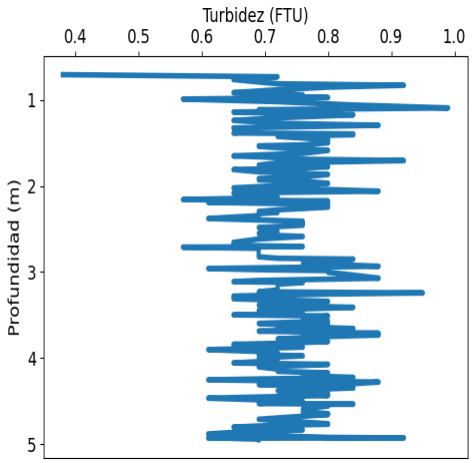
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.717	15.52	51.78	0.57	8.01	79.25	0.85	42.66
0.743	15.52	51.78	0.65	8.01	80.45	0.84	42.66
0.768	15.52	51.78	0.65	8.01	78.04	0.82	42.66
0.791	15.52	51.78	0.53	8.02	77.32	0.83	42.65
0.814	15.52	51.78	0.53	8.02	76.06	0.86	42.66
0.838	15.52	51.78	0.53	8.02	74.3	0.82	42.66
0.861	15.52	51.78	0.53	8.03	74.84	0.83	42.66
0.886	15.52	51.77	0.57	8.03	74.58	0.87	42.65
0.908	15.51	51.78	0.53	8.04	74.08	0.89	42.66
0.927	15.51	51.78	0.61	8.04	72.56	0.8	42.66
0.948	15.51	51.78	0.61	8.05	70.57	0.84	42.66
0.97	15.51	51.78	0.61	8.05	71.03	0.78	42.66
0.994	15.51	51.78	0.65	8.05	71.28	0.82	42.66
1.022	15.51	51.78	0.57	8.06	69.87	0.82	42.66
1.051	15.52	51.78	0.61	8.06	67.63	0.91	42.66
1.076	15.51	51.78	0.5	8.06	67.33	0.84	42.66
1.101	15.52	51.79	0.57	8.05	66.05	0.82	42.67
1.126	15.52	51.79	0.5	8.05	66.91	0.81	42.67
1.149	15.52	51.79	0.57	8.04	64.97	0.79	42.66
1.171	15.52	51.79	0.53	8.05	63.45	0.82	42.66
1.192	15.52	51.78	0.61	8.05	63.54	0.79	42.66
1.214	15.52	51.79	0.65	8.06	62.47	0.78	42.66
1.238	15.52	51.79	0.65	8.06	62.32	0.77	42.66
1.265	15.52	51.79	0.5	8.07	61.06	0.8	42.66
1.293	15.53	51.79	0.57	8.08	60.7	0.8	42.66
1.315	15.53	51.79	0.46	8.08	60.17	0.83	42.66
1.321	15.52	51.78	0.53	8.05	58.4	0.72	42.65
1.323	15.52	51.78	0.38	8.05	59.0	0.78	42.66
1.334	15.51	51.78	0.65	8.05	60.23	0.81	42.66
1.335	15.51	51.77	0.53	8.04	59.31	0.83	42.66
1.34	15.51	51.77	0.5	8.04	59.88	0.77	42.66
1.352	15.51	51.77	0.61	8.05	60.35	0.81	42.66
1.363	15.51	51.77	0.5	8.04	58.26	0.8	42.66
1.366	15.51	51.77	0.53	8.04	59.38	0.81	42.66
1.374	15.51	51.77	0.5	8.03	60.03	0.86	42.66
1.378	15.51	51.77	0.65	8.03	58.45	0.84	42.66

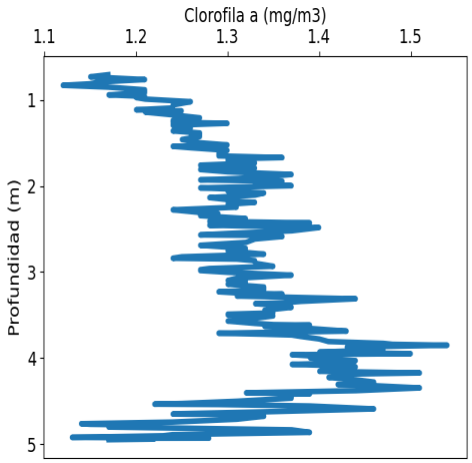
Nombre: CTD N01 - Punto 006 **Fecha: 17/02/2025** **Hora: 09:02:51**

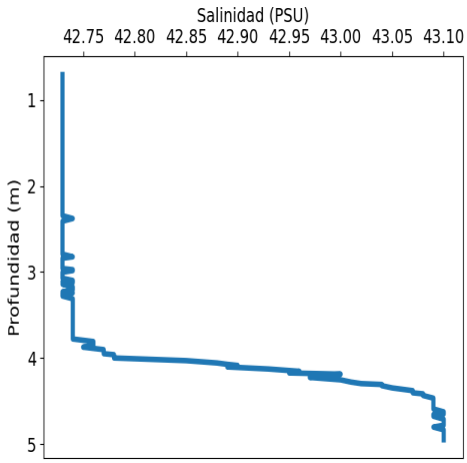


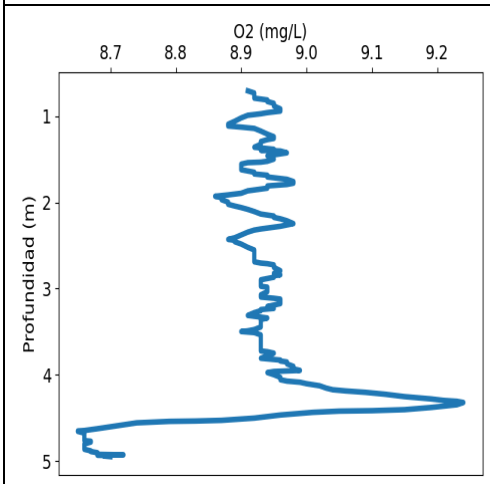


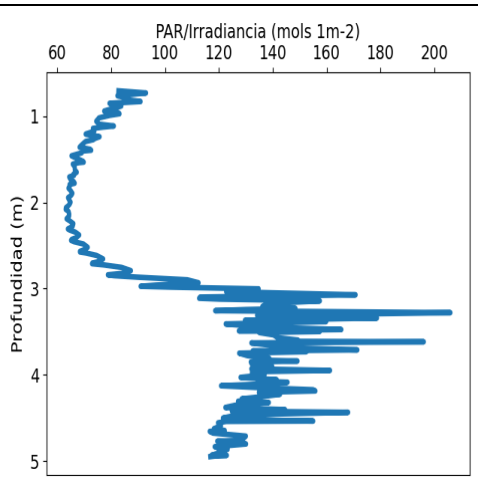


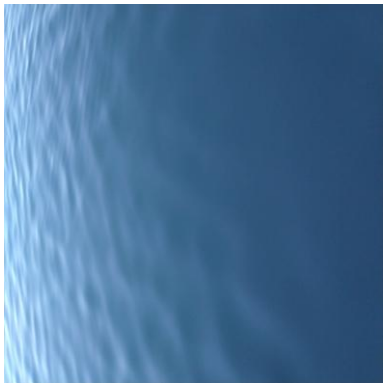












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.86	51.09	0.38	8.65	63.13	1.12	42.73
PROF (metros)	1.758	1.758	0.706	4.651	2.081	0.83	0.706
MÁXIMO	15.05	15.05	0.99	9.24	205.92	1.54	43.1
PROF (metros)	4.253	4.651	1.093	4.321	3.279	3.851	4.625

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	14.87	51.1	0.7	8.93	83.66	1.18	42.73
1 - 2m	14.87	51.1	0.75	8.92	68.93	1.28	42.73
2 - 3m	14.86	51.09	0.72	8.93	73.81	1.31	42.73
3 - 4m	14.87	51.12	0.75	8.94	142.33	1.36	42.74
4 - 5m	15.03	51.62	0.74	8.87	129.26	1.33	43.05

OBSERVACIONES GENERALES

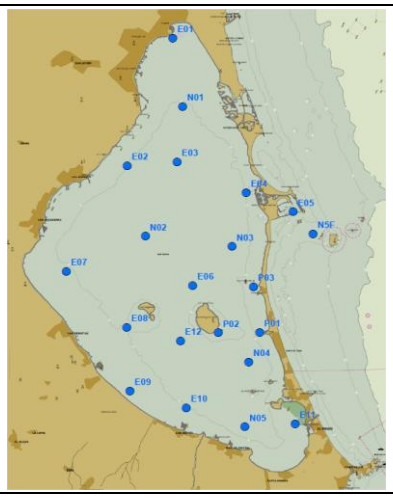
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	14.87	51.1	0.38	8.91	82.7	1.17	42.73
0.731	14.87	51.1	0.72	8.92	92.97	1.15	42.73
0.763	14.87	51.1	0.65	8.92	82.32	1.21	42.73
0.791	14.87	51.1	0.69	8.92	86.0	1.16	42.73
0.812	14.87	51.1	0.72	8.94	86.56	1.15	42.73
0.83	14.87	51.1	0.92	8.94	90.96	1.12	42.73
0.851	14.87	51.1	0.8	8.95	79.36	1.17	42.73
0.882	14.87	51.1	0.72	8.95	83.8	1.21	42.73
0.915	14.87	51.1	0.65	8.96	80.22	1.21	42.73
0.941	14.87	51.1	0.76	8.96	77.39	1.17	42.73
0.959	14.87	51.1	0.72	8.94	82.64	1.21	42.73
0.972	14.87	51.1	0.8	8.93	83.14	1.2	42.73
0.99	14.87	51.1	0.57	8.91	79.54	1.21	42.73
1.02	14.87	51.1	0.72	8.9	75.5	1.26	42.73
1.059	14.87	51.1	0.84	8.89	74.46	1.24	42.73
1.093	14.87	51.1	0.99	8.88	75.62	1.24	42.73
1.114	14.87	51.1	0.69	8.88	81.05	1.2	42.73
1.127	14.87	51.1	0.76	8.9	76.91	1.25	42.73
1.142	14.87	51.1	0.65	8.92	73.21	1.21	42.73
1.173	14.87	51.1	0.84	8.93	73.77	1.24	42.73
1.208	14.87	51.1	0.72	8.94	70.51	1.27	42.73
1.238	14.87	51.1	0.65	8.95	75.74	1.24	42.73
1.258	14.87	51.1	0.69	8.95	73.99	1.24	42.73
1.272	14.87	51.1	0.72	8.94	73.41	1.3	42.73
1.294	14.87	51.1	0.88	8.93	70.49	1.24	42.73
1.326	14.87	51.1	0.65	8.93	69.34	1.26	42.73
1.36	14.87	51.1	0.69	8.92	68.26	1.24	42.73
1.384	14.87	51.1	0.65	8.95	72.23	1.27	42.73
1.395	14.87	51.1	0.84	8.93	72.62	1.27	42.73
1.404	14.87	51.1	0.84	8.96	69.47	1.26	42.73
1.425	14.87	51.1	0.72	8.97	69.08	1.27	42.73
1.46	14.87	51.1	0.8	8.94	65.27	1.25	42.73
1.498	14.87	51.1	0.8	8.95	67.86	1.27	42.73
1.523	14.87	51.1	0.76	8.94	69.54	1.3	42.73
1.533	14.87	51.1	0.69	8.93	69.87	1.27	42.73
1.539	14.87	51.1	0.69	8.91	67.97	1.24	42.73
1.556	14.87	51.1	0.72	8.9	65.74	1.26	42.73

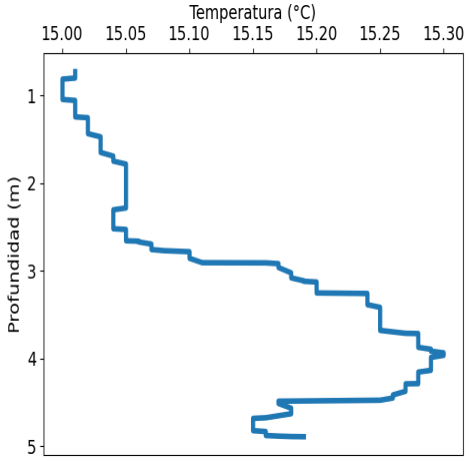
1.586	14.87	51.1	0.8	8.9	66.46	1.3	42.73
1.621	14.87	51.1	0.76	8.9	66.52	1.29	42.73
1.65	14.87	51.1	0.65	8.92	67.27	1.29	42.73
1.67	14.87	51.1	0.72	8.92	66.05	1.36	42.73
1.685	14.87	51.1	0.72	8.94	66.29	1.3	42.73
1.705	14.87	51.1	0.92	8.94	64.44	1.3	42.73
1.732	14.87	51.1	0.72	8.97	64.88	1.33	42.73
1.758	14.86	51.09	0.69	8.98	66.09	1.27	42.73
1.777	14.86	51.09	0.8	8.98	66.51	1.29	42.73
1.792	14.86	51.09	0.76	8.97	64.56	1.33	42.73
1.809	14.86	51.09	0.65	8.94	64.67	1.27	42.73
1.835	14.86	51.09	0.69	8.94	64.15	1.3	42.73
1.866	14.86	51.09	0.8	8.91	65.04	1.37	42.73
1.894	14.86	51.09	0.76	8.9	65.64	1.34	42.73
1.913	14.86	51.09	0.69	8.88	65.32	1.31	42.73
1.929	14.86	51.09	0.69	8.86	64.7	1.27	42.73
1.945	14.86	51.09	0.76	8.87	63.97	1.36	42.73
1.969	14.86	51.09	0.8	8.87	64.38	1.33	42.73
1.997	14.86	51.09	0.72	8.88	64.97	1.37	42.73
2.022	14.86	51.09	0.65	8.88	64.59	1.27	42.73
2.042	14.86	51.09	0.8	8.89	63.98	1.32	42.73
2.06	14.86	51.09	0.88	8.9	63.23	1.3	42.73
2.081	14.86	51.09	0.65	8.91	63.13	1.34	42.73
2.106	14.86	51.09	0.72	8.92	64.24	1.33	42.73
2.135	14.86	51.09	0.72	8.93	64.46	1.28	42.73
2.158	14.86	51.09	0.57	8.95	64.43	1.3	42.73
2.174	14.86	51.09	0.8	8.95	63.9	1.3	42.73
2.19	14.86	51.09	0.61	8.96	63.44	1.33	42.73
2.213	14.86	51.09	0.8	8.97	64.59	1.3	42.73
2.246	14.86	51.09	0.8	8.98	65.99	1.31	42.73
2.277	14.86	51.09	0.72	8.96	65.73	1.24	42.73
2.297	14.86	51.09	0.69	8.94	64.55	1.26	42.73
2.308	14.86	51.09	0.72	8.93	63.9	1.27	42.73
2.321	14.86	51.09	0.69	8.92	64.62	1.29	42.73
2.345	14.86	51.09	0.69	8.91	66.71	1.27	42.73
2.378	14.86	51.09	0.61	8.9	68.16	1.32	42.74
2.41	14.86	51.09	0.76	8.89	67.0	1.28	42.73
2.429	14.86	51.09	0.76	8.88	65.38	1.39	42.73
2.44	14.86	51.1	0.76	8.89	65.09	1.32	42.73
2.456	14.86	51.1	0.76	8.89	66.29	1.28	42.73
2.483	14.86	51.09	0.69	8.9	69.74	1.4	42.73
2.521	14.86	51.09	0.72	8.91	71.33	1.37	42.73
2.552	14.86	51.09	0.69	8.92	69.73	1.3	42.73
2.569	14.86	51.09	0.72	8.92	68.38	1.27	42.73
2.575	14.86	51.09	0.72	8.92	68.4	1.34	42.73
2.587	14.86	51.09	0.76	8.92	70.74	1.36	42.73
2.616	14.86	51.09	0.69	8.92	74.65	1.33	42.73
2.656	14.86	51.09	0.65	8.92	77.05	1.32	42.73
2.689	14.86	51.09	0.65	8.92	75.08	1.27	42.73
2.704	14.86	51.09	0.76	8.93	73.0	1.29	42.73
2.711	14.86	51.09	0.57	8.94	72.88	1.3	42.73
2.725	14.86	51.09	0.69	8.95	77.29	1.32	42.73
2.754	14.86	51.09	0.69	8.95	83.88	1.3	42.73
2.792	14.86	51.09	0.69	8.96	87.35	1.34	42.73
2.823	14.86	51.09	0.69	8.95	84.3	1.25	42.74
2.84	14.86	51.09	0.72	8.96	78.77	1.24	42.73
2.85	14.86	51.09	0.84	8.95	81.14	1.31	42.73
2.868	14.86	51.09	0.8	8.95	90.12	1.33	42.73

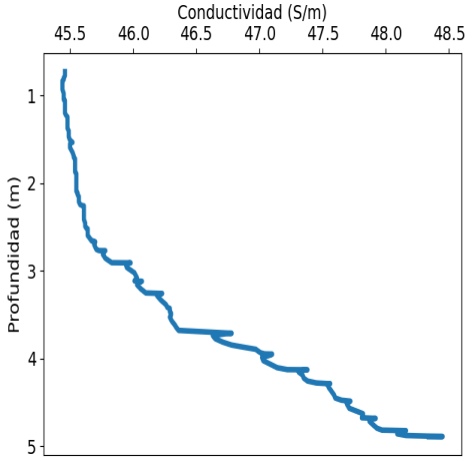
2.898	14.86	51.09	0.76	8.93	108.26	1.33	42.73
2.933	14.86	51.09	0.88	8.93	112.48	1.35	42.73
2.959	14.86	51.09	0.61	8.93	96.64	1.28	42.73
2.973	14.86	51.09	0.69	8.93	90.9	1.27	42.74
2.983	14.86	51.09	0.8	8.94	102.26	1.27	42.74
3.003	14.86	51.09	0.8	8.94	134.77	1.3	42.73
3.036	14.86	51.09	0.84	8.94	122.66	1.37	42.73
3.072	14.86	51.09	0.88	8.93	170.75	1.31	42.73
3.098	14.86	51.09	0.69	8.93	113.0	1.3	42.74
3.112	14.86	51.09	0.65	8.95	112.64	1.32	42.73
3.122	14.86	51.09	0.76	8.96	120.35	1.31	42.74
3.142	14.86	51.1	0.72	8.96	157.48	1.3	42.73
3.174	14.86	51.1	0.72	8.96	138.02	1.34	42.74
3.207	14.86	51.1	0.72	8.94	136.09	1.34	42.74
3.23	14.86	51.1	0.69	8.95	148.44	1.29	42.73
3.243	14.86	51.1	0.95	8.93	130.07	1.31	42.74
3.256	14.86	51.1	0.8	8.93	118.58	1.36	42.73
3.279	14.86	51.1	0.65	8.92	205.92	1.31	42.73
3.311	14.86	51.1	0.65	8.91	134.14	1.44	42.74
3.341	14.86	51.1	0.8	8.94	178.68	1.38	42.74
3.359	14.87	51.1	0.72	8.93	148.37	1.36	42.74
3.368	14.87	51.1	0.72	8.93	129.62	1.33	42.74
3.383	14.87	51.1	0.69	8.93	159.8	1.35	42.74
3.41	14.87	51.1	0.84	8.93	122.49	1.37	42.74
3.445	14.87	51.11	0.69	8.93	135.64	1.34	42.74
3.475	14.87	51.11	0.76	8.92	165.45	1.35	42.74
3.49	14.87	51.11	0.72	8.91	127.36	1.3	42.74
3.498	14.87	51.11	0.65	8.9	157.41	1.3	42.74
3.51	14.87	51.11	0.8	8.92	134.99	1.35	42.74
3.537	14.87	51.11	0.76	8.93	140.28	1.33	42.74
3.57	14.87	51.11	0.8	8.93	141.78	1.3	42.74
3.597	14.87	51.11	0.69	8.93	149.34	1.33	42.74
3.611	14.87	51.11	0.72	8.93	143.04	1.35	42.74
3.617	14.87	51.11	0.8	8.93	196.04	1.39	42.74
3.63	14.87	51.11	0.72	8.93	132.02	1.34	42.74
3.656	14.87	51.11	0.84	8.93	138.79	1.39	42.74
3.687	14.87	51.11	0.69	8.93	147.41	1.43	42.74
3.711	14.87	51.11	0.88	8.93	171.38	1.29	42.74
3.723	14.87	51.11	0.76	8.93	132.51	1.34	42.74
3.732	14.87	51.12	0.88	8.94	152.45	1.37	42.74
3.749	14.87	51.12	0.8	8.95	127.48	1.38	42.74
3.778	14.87	51.12	0.72	8.94	130.62	1.4	42.74
3.808	14.87	51.13	0.8	8.93	138.7	1.41	42.76
3.829	14.88	51.14	0.72	8.96	133.74	1.47	42.76
3.84	14.88	51.15	0.65	8.96	149.17	1.48	42.76
3.851	14.88	51.15	0.72	8.97	131.8	1.54	42.76
3.873	14.89	51.15	0.76	8.97	132.14	1.43	42.75
3.902	14.89	51.17	0.61	8.98	139.79	1.47	42.77
3.931	14.89	51.17	0.72	8.98	131.99	1.4	42.77
3.949	14.9	51.18	0.69	8.99	161.25	1.5	42.77
3.961	14.9	51.19	0.69	8.95	138.22	1.37	42.78
3.974	14.9	51.19	0.76	8.94	132.2	1.39	42.78
3.999	14.91	51.2	0.69	8.95	136.97	1.39	42.78
4.03	14.91	51.28	0.72	8.96	127.98	1.44	42.85
4.057	14.93	51.33	0.65	8.96	141.46	1.43	42.88
4.073	14.94	51.36	0.8	8.97	134.39	1.37	42.89
4.086	14.96	51.39	0.76	8.99	145.48	1.41	42.9
4.103	14.97	51.39	0.69	9.0	138.44	1.44	42.89

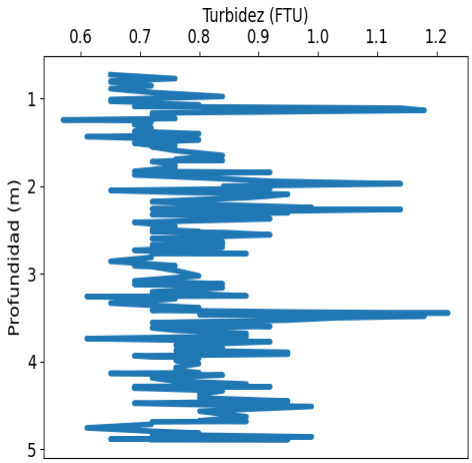
4.127	14.98	51.44	0.72	9.02	120.75	1.41	42.93
4.154	15.0	51.49	0.72	9.03	138.99	1.4	42.96
4.173	15.01	51.5	0.8	9.04	154.91	1.51	42.95
4.187	15.02	51.56	0.76	9.06	155.81	1.43	43.0
4.203	15.03	51.56	0.76	9.09	134.8	1.43	42.98
4.225	15.04	51.56	0.84	9.12	142.71	1.41	42.97
4.253	15.05	51.59	0.61	9.15	135.99	1.44	43.0
4.279	15.04	51.6	0.88	9.19	128.42	1.46	43.01
4.297	15.04	51.61	0.84	9.21	133.77	1.46	43.02
4.307	15.04	51.63	0.69	9.23	127.06	1.42	43.04
4.321	15.04	51.63	0.76	9.24	138.54	1.46	43.04
4.347	15.04	51.64	0.84	9.23	126.94	1.51	43.05
4.379	15.04	51.66	0.72	9.19	122.35	1.44	43.07
4.404	15.04	51.66	0.76	9.15	144.57	1.32	43.07
4.416	15.04	51.67	0.8	9.1	131.68	1.39	43.08
4.421	15.04	51.67	0.76	9.05	124.76	1.36	43.08
4.435	15.04	51.67	0.8	9.01	167.96	1.37	43.08
4.466	15.04	51.68	0.61	8.96	126.56	1.37	43.09
4.502	15.04	51.68	0.76	8.92	121.45	1.31	43.09
4.528	15.04	51.68	0.69	8.87	141.23	1.25	43.09
4.536	15.04	51.68	0.84	8.83	155.02	1.22	43.09
4.54	15.04	51.68	0.76	8.79	122.66	1.29	43.09
4.557	15.04	51.68	0.8	8.74	119.63	1.39	43.09
4.591	15.04	51.68	0.76	8.71	120.77	1.46	43.09
4.625	15.04	51.68	0.76	8.68	118.09	1.34	43.1
4.646	15.04	51.68	0.8	8.66	122.18	1.25	43.1
4.651	15.04	51.69	0.76	8.65	121.5	1.24	43.1
4.656	15.04	51.68	0.8	8.65	116.54	1.3	43.09
4.676	15.04	51.68	0.76	8.66	117.82	1.34	43.09
4.711	15.04	51.69	0.69	8.66	130.01	1.31	43.1
4.744	15.04	51.69	0.76	8.66	128.96	1.24	43.1
4.763	15.04	51.69	0.8	8.66	125.54	1.14	43.1
4.77	15.04	51.69	0.8	8.67	119.35	1.15	43.1
4.78	15.04	51.69	0.72	8.67	126.15	1.22	43.1
4.802	15.04	51.69	0.65	8.66	130.1	1.17	43.09
4.834	15.04	51.69	0.76	8.66	118.39	1.37	43.1
4.864	15.04	51.69	0.65	8.66	123.26	1.39	43.1
4.882	15.04	51.69	0.61	8.67	119.8	1.29	43.1
4.89	15.04	51.69	0.61	8.67	122.18	1.24	43.1
4.903	15.04	51.69	0.72	8.68	121.7	1.23	43.1
4.922	15.04	51.69	0.8	8.68	118.34	1.13	43.1
4.928	15.04	51.69	0.92	8.72	120.24	1.22	43.1
4.931	15.04	51.69	0.61	8.7	120.8	1.28	43.1
4.932	15.04	51.69	0.65	8.68	117.24	1.21	43.1
4.934	15.04	51.69	0.65	8.69	122.95	1.2	43.1
4.942	15.04	51.69	0.69	8.69	118.53	1.22	43.1
4.949	15.04	51.69	0.69	8.7	116.78	1.17	43.1

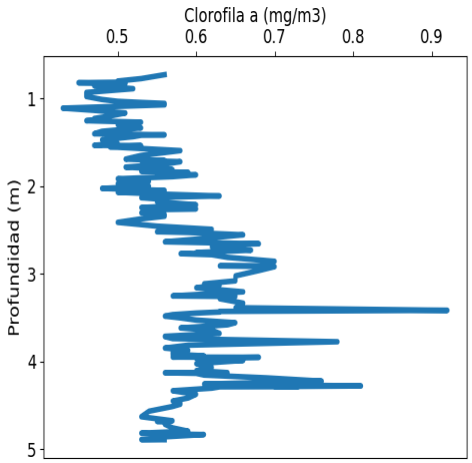
Nombre: CTD E05 - Punto 007 **Fecha: 17/02/2025** **Hora: 09:02:25**

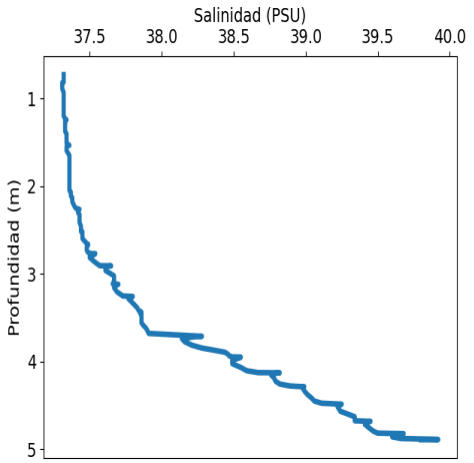


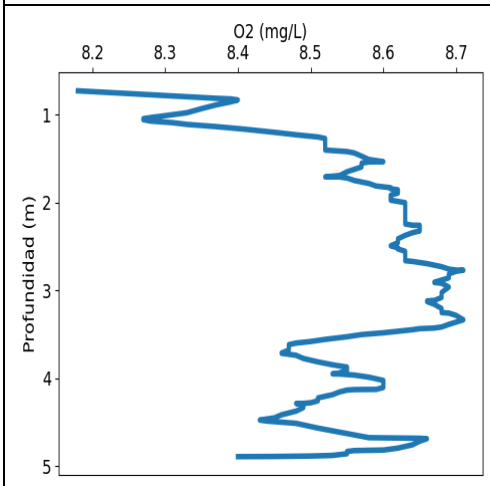


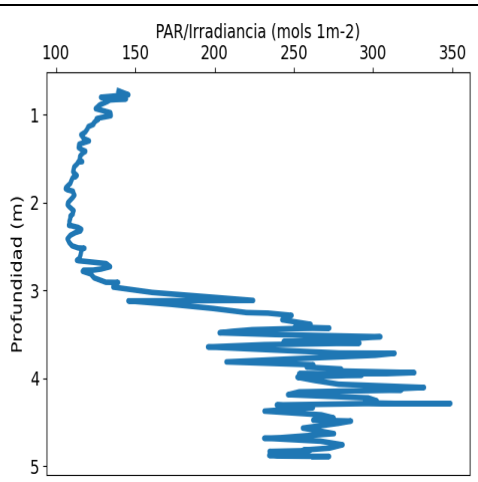












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.0	45.44	0.57	8.18	105.97	0.43	37.31
PROF (metros)	0.821	0.833	1.245	0.729	1.843	1.111	0.821
MÁXIMO	15.3	15.3	1.22	8.71	348.97	0.92	39.92
PROF (metros)	3.935	4.889	3.447	2.77	4.286	3.416	4.889

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	15.0	45.45	0.7	8.34	134.16	0.5	37.32
1 - 2m	15.03	45.5	0.77	8.51	115.59	0.52	37.34
2 - 3m	15.06	45.66	0.81	8.65	116.2	0.59	37.45
3 - 4m	15.25	46.46	0.82	8.58	244.47	0.62	38.01
4 - 5m	15.22	47.69	0.79	8.53	271.69	0.6	39.16

OBSERVACIONES GENERALES

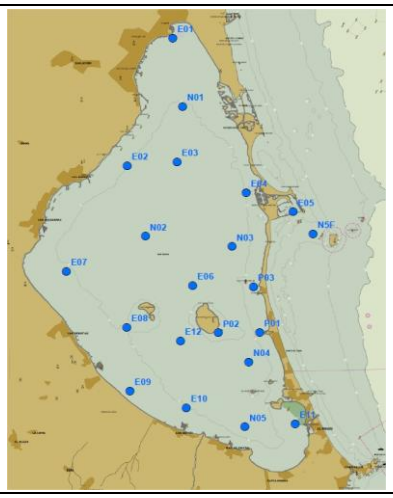
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.729	15.01	45.46	0.65	8.18	139.34	0.56	37.32
0.774	15.01	45.46	0.76	8.28	145.65	0.53	37.32
0.802	15.01	45.45	0.65	8.34	128.19	0.5	37.32
0.814	15.0	45.45	0.65	8.37	131.83	0.51	37.32
0.821	15.0	45.45	0.69	8.39	144.14	0.45	37.31
0.833	15.0	45.44	0.69	8.4	133.99	0.51	37.31
0.855	15.0	45.44	0.72	8.39	131.8	0.47	37.31
0.889	15.0	45.44	0.65	8.37	127.51	0.52	37.31
0.932	15.0	45.44	0.72	8.35	124.9	0.46	37.32
0.978	15.0	45.45	0.84	8.33	134.24	0.46	37.32
1.012	15.0	45.45	0.65	8.3	134.52	0.48	37.32
1.033	15.0	45.45	0.65	8.28	128.45	0.5	37.32
1.046	15.0	45.45	0.72	8.27	125.51	0.53	37.32
1.057	15.01	45.46	0.72	8.27	126.36	0.56	37.32
1.073	15.01	45.46	0.8	8.28	124.9	0.56	37.32
1.091	15.01	45.46	0.69	8.31	123.84	0.5	37.32
1.111	15.01	45.46	1.14	8.33	123.52	0.43	37.32
1.136	15.01	45.46	1.18	8.37	120.3	0.47	37.32
1.166	15.01	45.46	0.72	8.41	119.58	0.51	37.32
1.201	15.01	45.46	0.72	8.45	118.2	0.49	37.32
1.229	15.01	45.47	0.76	8.48	115.73	0.47	37.33
1.245	15.01	45.48	0.57	8.5	116.4	0.47	37.34
1.254	15.02	45.48	0.72	8.51	116.76	0.46	37.33
1.271	15.02	45.48	0.72	8.52	117.27	0.53	37.33
1.299	15.02	45.48	0.69	8.52	120.77	0.5	37.33
1.336	15.02	45.48	0.72	8.52	114.48	0.53	37.33
1.375	15.02	45.48	0.69	8.52	114.16	0.48	37.33
1.403	15.02	45.49	0.8	8.52	116.67	0.47	37.34
1.415	15.02	45.49	0.76	8.54	118.42	0.56	37.34
1.42	15.02	45.49	0.76	8.55	118.34	0.53	37.34
1.436	15.02	45.49	0.61	8.56	116.78	0.52	37.34
1.472	15.03	45.49	0.8	8.57	115.09	0.48	37.34
1.51	15.03	45.5	0.69	8.58	114.82	0.5	37.34
1.535	15.03	45.52	0.72	8.6	116.46	0.47	37.36
1.538	15.03	45.51	0.76	8.58	113.87	0.53	37.35
1.552	15.03	45.5	0.72	8.57	113.63	0.49	37.34
1.595	15.03	45.5	0.76	8.57	111.34	0.58	37.34

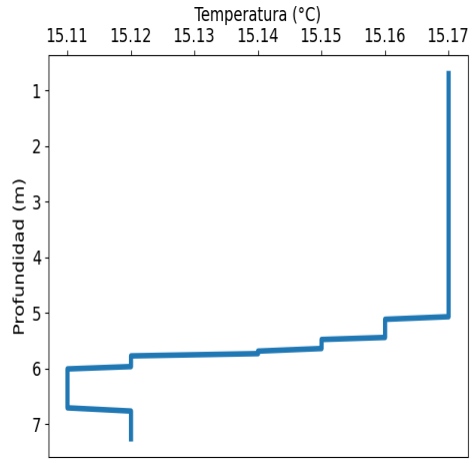
1.65	15.03	45.52	0.84	8.55	110.67	0.53	37.36
1.692	15.04	45.53	0.76	8.54	113.03	0.51	37.36
1.708	15.04	45.53	0.84	8.52	112.14	0.56	37.36
1.709	15.04	45.53	0.76	8.54	110.9	0.53	37.36
1.721	15.04	45.54	0.72	8.55	110.31	0.58	37.36
1.749	15.04	45.54	0.76	8.56	109.6	0.56	37.36
1.783	15.05	45.54	0.76	8.58	108.89	0.51	37.36
1.812	15.05	45.54	0.72	8.59	107.19	0.57	37.36
1.831	15.05	45.54	0.69	8.61	106.17	0.53	37.36
1.843	15.05	45.54	0.92	8.61	105.97	0.59	37.36
1.855	15.05	45.54	0.76	8.62	107.09	0.55	37.36
1.871	15.05	45.54	0.69	8.62	110.62	0.6	37.36
1.892	15.05	45.55	0.76	8.62	110.9	0.57	37.36
1.916	15.05	45.55	0.84	8.61	111.54	0.5	37.36
1.944	15.05	45.55	0.92	8.61	110.39	0.54	37.36
1.973	15.05	45.55	1.14	8.61	108.84	0.5	37.36
2.001	15.05	45.55	0.84	8.63	107.46	0.54	37.36
2.026	15.05	45.55	0.92	8.63	107.19	0.48	37.36
2.049	15.05	45.55	0.65	8.63	108.33	0.56	37.36
2.07	15.05	45.55	0.76	8.63	109.62	0.5	37.37
2.092	15.05	45.55	0.95	8.63	111.05	0.56	37.37
2.112	15.05	45.56	0.92	8.63	110.54	0.63	37.37
2.132	15.05	45.56	0.88	8.63	110.49	0.53	37.38
2.152	15.05	45.57	0.8	8.63	108.96	0.56	37.38
2.178	15.05	45.57	0.72	8.63	108.94	0.55	37.38
2.213	15.05	45.57	0.84	8.63	108.33	0.6	37.39
2.244	15.05	45.58	0.99	8.63	108.41	0.53	37.4
2.258	15.05	45.6	0.8	8.64	108.41	0.55	37.41
2.259	15.05	45.61	0.72	8.65	107.98	0.6	37.42
2.265	15.05	45.61	1.14	8.65	109.9	0.56	37.43
2.283	15.05	45.61	0.95	8.65	113.87	0.55	37.42
2.304	15.04	45.61	0.95	8.65	115.87	0.53	37.42
2.323	15.04	45.61	0.72	8.65	115.28	0.56	37.43
2.343	15.04	45.61	0.84	8.64	111.96	0.56	37.43
2.373	15.04	45.61	0.92	8.63	108.91	0.53	37.43
2.413	15.04	45.61	0.69	8.62	107.11	0.5	37.43
2.456	15.04	45.62	0.76	8.62	108.28	0.55	37.44
2.492	15.04	45.62	0.72	8.61	110.0	0.62	37.44
2.516	15.04	45.63	0.8	8.62	113.87	0.61	37.44
2.52	15.04	45.64	0.72	8.62	117.87	0.55	37.45
2.528	15.05	45.64	0.84	8.62	116.27	0.59	37.45
2.555	15.05	45.64	0.92	8.63	115.81	0.66	37.45
2.597	15.05	45.64	0.72	8.63	115.33	0.61	37.45
2.635	15.05	45.66	0.84	8.63	114.66	0.56	37.47
2.657	15.05	45.67	0.84	8.63	113.03	0.68	37.48
2.662	15.06	45.69	0.84	8.63	114.13	0.66	37.49
2.67	15.06	45.7	0.72	8.64	118.72	0.62	37.49
2.695	15.07	45.69	0.84	8.66	131.62	0.62	37.48
2.73	15.07	45.7	0.69	8.68	134.08	0.67	37.48
2.757	15.07	45.71	0.76	8.69	128.25	0.6	37.49
2.769	15.08	45.73	0.88	8.7	123.38	0.62	37.51
2.77	15.08	45.78	0.72	8.71	117.24	0.58	37.54
2.782	15.1	45.77	0.72	8.7	116.7	0.62	37.53
2.812	15.1	45.76	0.72	8.69	121.79	0.64	37.5
2.857	15.1	45.78	0.65	8.69	123.95	0.7	37.53
2.907	15.11	45.83	0.76	8.67	131.34	0.69	37.57
2.909	15.16	45.98	0.69	8.67	139.15	0.63	37.65
2.918	15.17	45.94	0.72	8.68	136.46	0.7	37.61

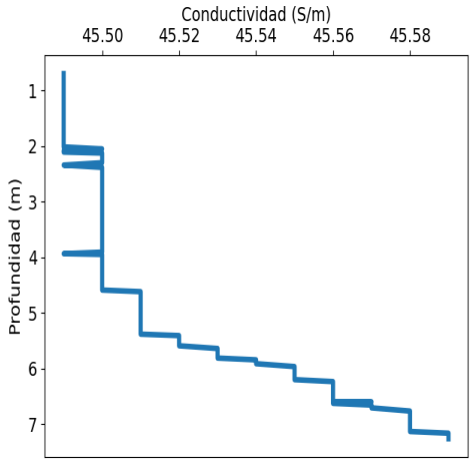
2.962	15.17	45.95	0.76	8.69	135.99	0.68	37.61
3.023	15.18	46.01	0.8	8.68	160.69	0.65	37.67
3.08	15.18	46.03	0.69	8.68	200.73	0.65	37.67
3.114	15.19	46.01	0.84	8.67	224.41	0.61	37.66
3.119	15.19	46.07	0.69	8.66	145.51	0.61	37.7
3.127	15.2	46.05	0.8	8.66	151.15	0.63	37.68
3.158	15.2	46.03	0.84	8.67	172.46	0.6	37.67
3.205	15.2	46.06	0.72	8.68	198.97	0.66	37.69
3.252	15.2	46.1	0.88	8.68	220.18	0.57	37.73
3.258	15.24	46.23	0.61	8.69	233.7	0.65	37.8
3.284	15.24	46.19	0.76	8.7	248.73	0.63	37.77
3.334	15.24	46.22	0.65	8.71	242.69	0.66	37.8
3.386	15.24	46.26	0.8	8.69	260.71	0.65	37.83
3.416	15.25	46.27	0.72	8.68	250.64	0.92	37.84
3.428	15.25	46.29	0.88	8.67	272.51	0.63	37.85
3.435	15.25	46.29	0.95	8.65	247.23	0.63	37.86
3.447	15.25	46.29	1.22	8.64	223.78	0.6	37.85
3.465	15.25	46.29	0.8	8.62	211.28	0.57	37.86
3.482	15.25	46.3	1.18	8.6	203.12	0.56	37.86
3.502	15.25	46.3	1.03	8.57	238.18	0.58	37.86
3.527	15.25	46.29	0.95	8.55	304.79	0.6	37.86
3.557	15.25	46.3	0.72	8.52	279.1	0.65	37.86
3.581	15.25	46.31	0.84	8.5	243.59	0.64	37.87
3.599	15.25	46.32	0.92	8.48	291.53	0.61	37.88
3.617	15.25	46.33	0.72	8.47	231.43	0.58	37.89
3.643	15.25	46.34	0.76	8.47	195.77	0.62	37.9
3.679	15.25	46.36	0.88	8.47	239.29	0.63	37.91
3.712	15.27	46.78	0.88	8.46	278.58	0.56	38.28
3.715	15.28	46.74	0.84	8.46	313.75	0.56	38.24
3.738	15.28	46.63	0.61	8.48	301.42	0.57	38.14
3.774	15.28	46.65	0.92	8.49	254.38	0.78	38.16
3.813	15.28	46.71	0.76	8.51	207.45	0.59	38.21
3.846	15.28	46.78	0.84	8.53	262.41	0.56	38.28
3.872	15.28	46.88	0.76	8.55	258.13	0.59	38.37
3.894	15.29	46.97	0.95	8.55	279.94	0.57	38.44
3.916	15.29	46.99	0.95	8.55	279.03	0.57	38.46
3.935	15.3	47.01	0.69	8.54	326.21	0.61	38.47
3.947	15.3	47.04	0.72	8.54	308.77	0.58	38.49
3.949	15.3	47.1	0.76	8.53	253.33	0.57	38.55
3.951	15.3	47.1	0.76	8.54	262.17	0.68	38.55
3.963	15.3	47.08	0.8	8.56	293.08	0.6	38.53
3.987	15.29	47.02	0.76	8.58	252.27	0.66	38.49
4.024	15.29	47.03	0.8	8.6	263.02	0.6	38.49
4.067	15.29	47.09	0.76	8.6	278.32	0.62	38.55
4.104	15.29	47.14	0.76	8.6	332.32	0.6	38.59
4.126	15.29	47.22	0.8	8.59	305.78	0.64	38.67
4.128	15.29	47.38	0.8	8.56	304.72	0.56	38.82
4.134	15.29	47.34	0.65	8.55	317.92	0.6	38.79
4.154	15.28	47.31	0.84	8.54	253.44	0.61	38.76
4.186	15.28	47.34	0.72	8.53	246.32	0.69	38.78
4.223	15.28	47.35	0.76	8.51	297.05	0.76	38.79
4.256	15.28	47.38	0.88	8.51	302.47	0.61	38.82
4.278	15.28	47.45	0.88	8.5	294.79	0.81	38.89
4.285	15.28	47.53	0.69	8.49	313.53	0.7	38.96
4.286	15.28	47.56	0.92	8.48	348.97	0.73	38.99
4.288	15.27	47.55	0.76	8.49	293.83	0.63	38.99
4.303	15.27	47.54	0.69	8.49	239.23	0.62	38.98
4.333	15.27	47.55	0.84	8.49	262.17	0.57	38.99

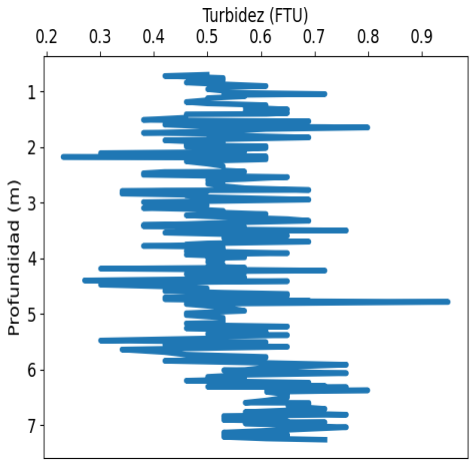
4.373	15.27	47.57	0.8	8.48	231.48	0.6	39.01
4.415	15.26	47.59	0.8	8.46	267.38	0.59	39.04
4.45	15.26	47.6	0.95	8.45	275.24	0.57	39.06
4.475	15.25	47.65	0.69	8.43	262.23	0.58	39.11
4.486	15.17	47.72	0.76	8.44	286.24	0.58	39.25
4.512	15.17	47.69	0.99	8.48	278.13	0.57	39.22
4.566	15.18	47.71	0.8	8.51	255.69	0.54	39.24
4.629	15.18	47.82	0.88	8.55	275.5	0.53	39.34
4.675	15.16	47.81	0.8	8.58	241.79	0.57	39.34
4.682	15.15	47.92	0.88	8.65	231.27	0.55	39.45
4.687	15.15	47.89	0.72	8.66	237.9	0.56	39.43
4.715	15.15	47.87	0.72	8.65	266.89	0.56	39.41
4.756	15.15	47.9	0.61	8.64	280.91	0.57	39.44
4.794	15.15	47.93	0.72	8.62	272.51	0.59	39.47
4.816	15.15	47.97	0.8	8.6	256.04	0.53	39.5
4.822	15.15	48.16	0.72	8.56	260.17	0.54	39.68
4.832	15.16	48.11	0.72	8.55	234.67	0.61	39.62
4.858	15.16	48.09	0.99	8.55	247.64	0.56	39.6
4.877	15.16	48.16	0.8	8.53	234.45	0.56	39.66
4.884	15.17	48.34	0.65	8.5	239.56	0.56	39.83
4.889	15.18	48.45	0.95	8.45	272.39	0.53	39.92
4.891	15.19	48.34	0.72	8.4	262.35	0.56	39.8

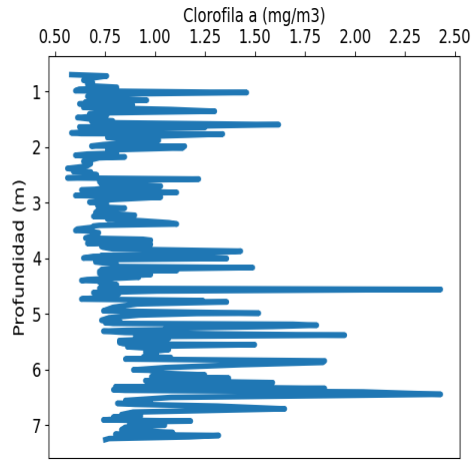
Nombre: CTD N5F - Punto 008 **Fecha: 17/02/2025** **Hora: 09:02:50**

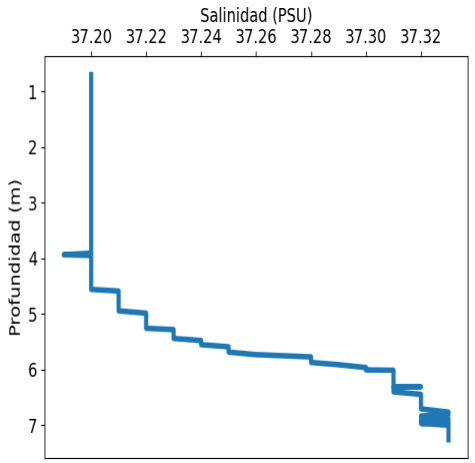


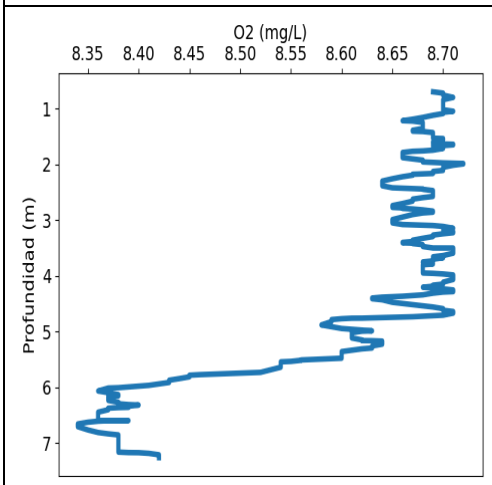


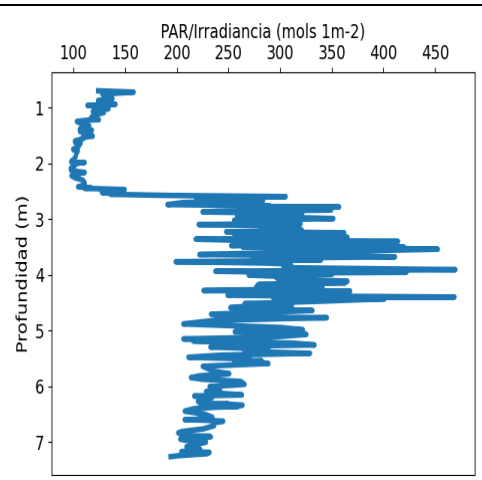












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.11	45.49	0.23	8.34	97.15	0.56	37.19
PROF (metros)	6.011	0.702	2.181	6.661	2.112	2.388	3.939
MÁXIMO	15.17	15.17	0.95	8.72	469.82	2.43	37.33
PROF (metros)	0.702	7.167	4.789	1.986	3.911	4.563	6.769

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	15.17	45.49	0.52	8.7	131.46	0.69	37.2
1 - 2m	15.17	45.49	0.54	8.69	109.58	0.86	37.2
2 - 3m	15.17	45.5	0.5	8.67	183.54	0.76	37.2
3 - 4m	15.17	45.5	0.52	8.69	307.35	0.81	37.2
4 - 5m	15.17	45.5	0.52	8.67	297.28	0.92	37.21
5 - 6m	15.15	45.52	0.53	8.56	260.44	1.09	37.24
6 - 7m	15.11	45.56	0.62	8.37	228.6	1.1	37.32
7 - 8m	15.12	45.59	0.62	8.4	215.76	0.95	37.33

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	15.17	45.49	0.5	8.69	123.63	0.58	37.2
0.725	15.17	45.49	0.42	8.7	158.25	0.76	37.2
0.761	15.17	45.49	0.53	8.7	127.71	0.69	37.2
0.802	15.17	45.49	0.53	8.71	131.13	0.64	37.2
0.844	15.17	45.49	0.46	8.7	137.8	0.69	37.2
0.875	15.17	45.49	0.53	8.7	123.52	0.66	37.2
0.906	15.17	45.49	0.61	8.7	124.5	0.69	37.2
0.928	15.17	45.49	0.53	8.7	132.75	0.81	37.2
0.944	15.17	45.49	0.53	8.7	140.74	0.81	37.2
0.963	15.17	45.49	0.5	8.7	113.26	0.62	37.2
0.992	15.17	45.49	0.53	8.7	132.78	0.6	37.2
1.024	15.17	45.49	0.53	8.7	133.9	1.46	37.2
1.05	15.17	45.49	0.72	8.71	123.18	0.82	37.2
1.07	15.17	45.49	0.53	8.7	118.42	0.73	37.2
1.092	15.17	45.49	0.57	8.7	129.47	0.66	37.2
1.123	15.17	45.49	0.5	8.69	122.58	0.69	37.2
1.161	15.17	45.49	0.5	8.68	117.95	0.96	37.2
1.193	15.17	45.49	0.46	8.67	116.65	0.65	37.2
1.22	15.17	45.49	0.5	8.66	124.61	0.66	37.2
1.227	15.17	45.49	0.53	8.67	114.35	0.62	37.2
1.251	15.17	45.49	0.61	8.68	103.04	0.89	37.2
1.292	15.17	45.49	0.57	8.68	107.68	0.64	37.2
1.328	15.17	45.49	0.65	8.68	115.17	1.08	37.2
1.36	15.17	45.49	0.57	8.68	107.93	1.3	37.2
1.391	15.17	45.49	0.65	8.67	105.9	0.71	37.2
1.408	15.17	45.49	0.61	8.67	117.84	0.67	37.2
1.414	15.17	45.49	0.46	8.68	108.66	0.76	37.2
1.433	15.17	45.49	0.46	8.69	106.1	0.76	37.2
1.474	15.17	45.49	0.46	8.69	116.16	0.61	37.2
1.515	15.17	45.49	0.38	8.69	118.67	0.71	37.2
1.534	15.17	45.49	0.57	8.69	108.84	0.79	37.2
1.54	15.17	45.49	0.69	8.7	110.67	0.68	37.2
1.563	15.17	45.49	0.46	8.7	108.71	0.69	37.2
1.601	15.17	45.49	0.42	8.69	101.22	1.62	37.2

1.632	15.17	45.49	0.5	8.69	101.53	1.12	37.2
1.643	15.17	45.49	0.72	8.71	106.94	0.62	37.2
1.653	15.17	45.49	0.8	8.71	104.41	1.25	37.2
1.68	15.17	45.49	0.61	8.69	105.44	0.81	37.2
1.718	15.17	45.49	0.53	8.7	104.24	0.72	37.2
1.749	15.17	45.49	0.38	8.69	99.41	0.58	37.2
1.762	15.17	45.49	0.5	8.68	99.85	0.63	37.2
1.769	15.17	45.49	0.5	8.67	104.15	1.34	37.2
1.79	15.17	45.49	0.53	8.66	103.91	1.17	37.2
1.832	15.17	45.49	0.69	8.66	102.57	0.76	37.2
1.883	15.17	45.49	0.42	8.66	102.05	1.02	37.2
1.928	15.17	45.49	0.53	8.68	100.26	0.85	37.2
1.96	15.17	45.49	0.46	8.68	97.94	0.74	37.2
1.977	15.17	45.49	0.5	8.7	97.56	0.7	37.2
1.986	15.17	45.49	0.57	8.72	101.27	0.68	37.2
1.987	15.17	45.49	0.61	8.72	107.06	0.9	37.2
1.988	15.17	45.49	0.5	8.72	110.87	1.15	37.2
1.995	15.17	45.49	0.46	8.72	105.66	0.95	37.2
2.019	15.17	45.49	0.61	8.71	101.67	1.14	37.2
2.056	15.17	45.5	0.53	8.7	100.64	0.76	37.2
2.089	15.17	45.49	0.57	8.7	97.22	0.78	37.2
2.112	15.17	45.49	0.3	8.7	97.15	0.81	37.2
2.13	15.17	45.5	0.5	8.69	97.72	0.66	37.2
2.151	15.17	45.5	0.5	8.69	104.24	0.6	37.2
2.167	15.17	45.5	0.5	8.69	110.87	0.66	37.2
2.173	15.17	45.5	0.61	8.68	107.23	0.66	37.2
2.181	15.17	45.5	0.23	8.67	106.64	0.85	37.2
2.197	15.17	45.5	0.61	8.67	101.79	0.72	37.2
2.225	15.17	45.5	0.61	8.66	97.81	0.69	37.2
2.261	15.17	45.5	0.46	8.65	101.22	0.64	37.2
2.303	15.17	45.5	0.5	8.64	108.79	0.68	37.2
2.346	15.17	45.49	0.53	8.64	110.64	0.66	37.2
2.388	15.17	45.5	0.53	8.64	110.93	0.56	37.2
2.424	15.17	45.5	0.53	8.65	104.17	0.63	37.2
2.445	15.17	45.5	0.57	8.68	117.3	0.59	37.2
2.451	15.17	45.5	0.42	8.68	110.69	0.68	37.2
2.474	15.17	45.5	0.38	8.69	149.55	0.66	37.2
2.503	15.17	45.5	0.38	8.69	140.61	0.71	37.2
2.526	15.17	45.5	0.53	8.69	127.3	0.65	37.2
2.543	15.17	45.5	0.65	8.69	138.57	0.7	37.2
2.559	15.17	45.5	0.61	8.69	135.74	0.56	37.2
2.579	15.17	45.5	0.57	8.69	193.16	1.22	37.2
2.6	15.17	45.5	0.5	8.68	305.5	0.9	37.2
2.627	15.17	45.5	0.53	8.67	218.71	0.72	37.2
2.663	15.17	45.5	0.5	8.67	283.73	0.73	37.2
2.706	15.17	45.5	0.53	8.66	206.3	1.03	37.2
2.743	15.17	45.5	0.57	8.65	190.8	0.74	37.2
2.765	15.17	45.5	0.65	8.65	290.04	0.7	37.2
2.776	15.17	45.5	0.69	8.65	268.5	0.63	37.2
2.784	15.17	45.5	0.42	8.66	357.24	0.89	37.2
2.794	15.17	45.5	0.34	8.66	291.32	1.02	37.2
2.804	15.17	45.5	0.5	8.67	281.83	0.96	37.2
2.82	15.17	45.5	0.34	8.68	312.74	1.11	37.2
2.842	15.17	45.5	0.34	8.69	349.46	0.79	37.2
2.862	15.17	45.5	0.46	8.69	241.29	0.68	37.2
2.875	15.17	45.5	0.46	8.68	224.77	0.6	37.2
2.904	15.17	45.5	0.5	8.67	321.48	1.03	37.2
2.95	15.17	45.5	0.69	8.66	258.25	0.78	37.2

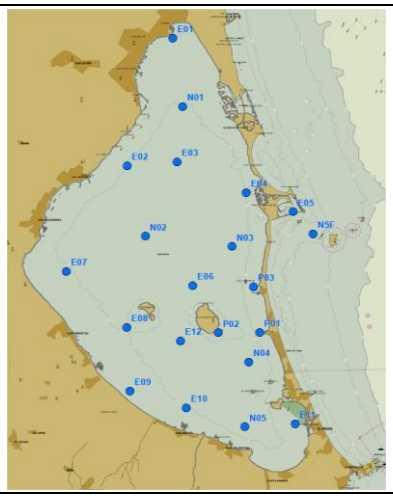
2.994	15.17	45.5	0.38	8.65	351.65	0.67	37.2
3.026	15.17	45.5	0.46	8.65	255.33	0.76	37.2
3.054	15.17	45.5	0.5	8.65	262.41	0.71	37.2
3.083	15.17	45.5	0.42	8.66	319.99	0.72	37.2
3.101	15.17	45.5	0.38	8.69	221.05	0.85	37.2
3.117	15.17	45.5	0.46	8.7	284.19	0.76	37.2
3.15	15.17	45.5	0.53	8.71	280.98	0.71	37.2
3.183	15.17	45.5	0.53	8.7	319.85	0.7	37.2
3.209	15.17	45.5	0.61	8.71	321.26	0.81	37.2
3.23	15.17	45.5	0.46	8.71	247.64	0.9	37.2
3.249	15.17	45.5	0.5	8.7	362.07	0.69	37.2
3.272	15.17	45.5	0.57	8.69	264.79	0.85	37.2
3.299	15.17	45.5	0.65	8.69	255.69	0.76	37.2
3.33	15.17	45.5	0.69	8.68	365.27	0.93	37.2
3.364	15.17	45.5	0.53	8.67	218.15	1.07	37.2
3.388	15.17	45.5	0.46	8.67	272.13	1.11	37.2
3.404	15.17	45.5	0.38	8.66	414.26	0.84	37.2
3.412	15.17	45.5	0.53	8.66	296.09	0.72	37.2
3.417	15.17	45.5	0.5	8.67	309.2	0.71	37.2
3.425	15.17	45.5	0.38	8.67	287.57	0.69	37.2
3.445	15.17	45.5	0.57	8.68	302.12	0.69	37.2
3.478	15.17	45.5	0.46	8.68	252.5	0.61	37.2
3.504	15.17	45.5	0.76	8.69	420.07	0.6	37.2
3.505	15.17	45.5	0.57	8.71	263.69	0.61	37.2
3.509	15.17	45.5	0.5	8.71	349.46	0.65	37.2
3.544	15.17	45.5	0.42	8.71	452.82	0.72	37.2
3.597	15.17	45.5	0.65	8.71	312.37	0.71	37.2
3.64	15.17	45.5	0.53	8.7	221.67	0.65	37.2
3.662	15.17	45.5	0.57	8.69	363.59	0.94	37.2
3.68	15.17	45.5	0.57	8.7	411.3	0.98	37.2
3.706	15.17	45.5	0.69	8.69	274.03	0.84	37.2
3.735	15.17	45.5	0.5	8.69	339.71	0.66	37.2
3.754	15.17	45.5	0.46	8.68	281.76	0.98	37.2
3.768	15.17	45.5	0.46	8.68	198.74	0.82	37.2
3.782	15.17	45.5	0.38	8.69	247.41	0.78	37.2
3.792	15.17	45.5	0.46	8.69	284.58	0.73	37.2
3.805	15.17	45.5	0.53	8.68	303.45	0.74	37.2
3.837	15.17	45.5	0.53	8.68	310.86	0.79	37.2
3.875	15.17	45.5	0.46	8.68	303.17	1.43	37.2
3.911	15.17	45.5	0.65	8.68	469.82	1.27	37.2
3.939	15.17	45.49	0.46	8.68	237.19	1.14	37.19
3.953	15.17	45.5	0.5	8.68	279.61	0.73	37.2
3.959	15.17	45.5	0.5	8.69	422.31	0.82	37.2
3.97	15.17	45.5	0.57	8.7	312.66	0.69	37.2
3.988	15.17	45.5	0.57	8.71	350.51	0.66	37.2
4.0	15.17	45.5	0.5	8.71	291.39	0.64	37.2
4.008	15.17	45.5	0.53	8.71	269.5	1.36	37.2
4.028	15.17	45.5	0.53	8.71	294.86	0.76	37.2
4.069	15.17	45.5	0.5	8.71	297.4	0.7	37.2
4.117	15.17	45.5	0.53	8.7	365.27	0.81	37.2
4.152	15.17	45.5	0.5	8.7	362.58	0.8	37.2
4.171	15.17	45.5	0.57	8.69	279.94	1.49	37.2
4.19	15.17	45.5	0.3	8.69	278.06	1.08	37.2
4.208	15.17	45.5	0.53	8.68	312.3	0.73	37.2
4.225	15.17	45.5	0.72	8.69	276.71	1.11	37.2
4.239	15.17	45.5	0.5	8.7	341.29	0.72	37.2
4.257	15.17	45.5	0.57	8.71	337.67	0.84	37.2
4.275	15.17	45.5	0.5	8.71	258.91	0.72	37.2

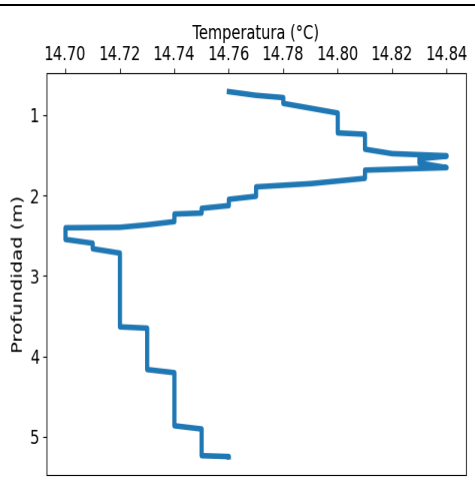
4.287	15.17	45.5	0.46	8.71	225.71	0.75	37.2
4.295	15.17	45.5	0.5	8.7	367.91	0.98	37.2
4.315	15.17	45.5	0.53	8.69	314.63	0.89	37.2
4.345	15.17	45.5	0.57	8.68	256.99	0.92	37.2
4.37	15.17	45.5	0.57	8.66	249.02	0.76	37.2
4.386	15.17	45.5	0.42	8.64	338.3	0.66	37.2
4.402	15.17	45.5	0.27	8.63	468.95	0.63	37.2
4.415	15.17	45.5	0.65	8.63	293.29	0.76	37.2
4.434	15.17	45.5	0.46	8.64	401.22	0.72	37.2
4.479	15.17	45.5	0.3	8.65	335.96	0.81	37.2
4.521	15.17	45.5	0.46	8.67	265.53	0.73	37.2
4.544	15.17	45.5	0.5	8.68	311.58	0.72	37.2
4.563	15.17	45.5	0.5	8.69	269.5	2.43	37.2
4.593	15.17	45.5	0.42	8.7	251.69	1.01	37.21
4.622	15.17	45.51	0.53	8.7	291.05	0.69	37.21
4.644	15.17	45.51	0.65	8.71	331.39	0.82	37.21
4.673	15.17	45.51	0.65	8.71	292.88	0.7	37.21
4.71	15.17	45.51	0.42	8.7	232.99	0.75	37.21
4.73	15.17	45.51	0.5	8.68	278.58	0.64	37.21
4.738	15.17	45.51	0.42	8.67	237.79	0.63	37.21
4.763	15.17	45.51	0.53	8.62	243.99	1.24	37.21
4.764	15.17	45.51	0.69	8.61	267.82	1.01	37.21
4.773	15.17	45.51	0.61	8.6	345.35	0.95	37.21
4.789	15.17	45.51	0.95	8.59	304.37	1.36	37.21
4.825	15.17	45.51	0.46	8.59	234.78	0.91	37.21
4.885	15.17	45.51	0.53	8.58	206.15	0.79	37.21
4.949	15.17	45.51	0.57	8.6	300.93	0.74	37.21
4.991	15.17	45.51	0.46	8.63	322.23	1.52	37.22
4.997	15.17	45.51	0.46	8.62	279.29	1.21	37.22
5.025	15.17	45.51	0.46	8.61	255.98	0.92	37.22
5.072	15.17	45.51	0.53	8.61	325.53	0.77	37.22
5.119	15.16	45.51	0.53	8.61	294.79	0.73	37.22
5.154	15.16	45.51	0.53	8.62	206.2	0.83	37.22
5.166	15.16	45.51	0.53	8.62	249.77	0.75	37.22
5.168	15.16	45.51	0.5	8.63	279.68	0.77	37.22
5.175	15.16	45.51	0.46	8.64	288.9	0.79	37.22
5.19	15.16	45.51	0.5	8.64	215.69	1.69	37.22
5.207	15.16	45.51	0.5	8.64	240.12	1.81	37.22
5.23	15.16	45.51	0.65	8.64	312.88	1.59	37.22
5.262	15.16	45.51	0.46	8.63	333.4	1.05	37.22
5.286	15.16	45.51	0.53	8.63	246.15	1.09	37.23
5.299	15.16	45.51	0.57	8.63	232.34	0.86	37.23
5.314	15.16	45.51	0.61	8.62	256.93	0.74	37.23
5.338	15.16	45.51	0.61	8.61	288.9	0.85	37.23
5.363	15.16	45.51	0.5	8.6	265.34	1.3	37.23
5.386	15.16	45.51	0.65	8.6	282.35	1.95	37.23
5.412	15.16	45.52	0.5	8.6	329.1	0.9	37.23
5.445	15.16	45.52	0.5	8.6	243.48	1.07	37.23
5.482	15.15	45.52	0.3	8.6	211.09	0.82	37.24
5.513	15.15	45.52	0.61	8.56	267.88	0.89	37.24
5.519	15.15	45.52	0.53	8.56	270.62	0.82	37.24
5.539	15.15	45.52	0.46	8.55	255.15	0.84	37.24
5.547	15.15	45.52	0.57	8.54	282.15	1.0	37.24
5.557	15.15	45.52	0.42	8.54	275.05	1.5	37.24
5.595	15.15	45.52	0.65	8.54	288.77	0.86	37.25
5.644	15.15	45.53	0.34	8.54	224.98	1.07	37.25
5.691	15.14	45.53	0.42	8.53	230.36	0.95	37.25
5.736	15.14	45.53	0.46	8.52	236.47	1.01	37.26

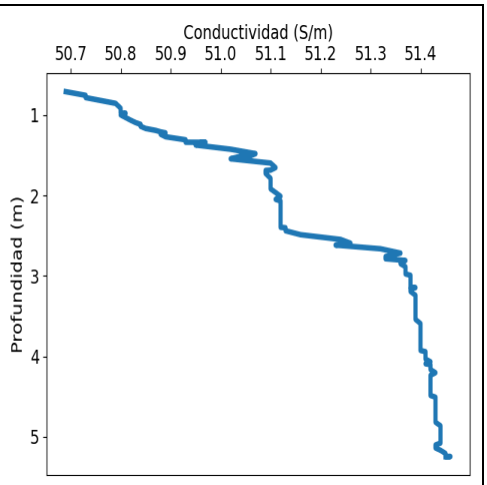
5.777	15.12	45.53	0.61	8.46	250.87	0.94	37.28
5.787	15.12	45.53	0.61	8.45	247.01	1.08	37.28
5.816	15.12	45.53	0.53	8.45	221.82	0.85	37.28
5.848	15.12	45.54	0.42	8.44	213.5	1.85	37.28
5.877	15.12	45.54	0.57	8.43	224.87	1.84	37.28
5.917	15.12	45.54	0.76	8.43	262.04	1.43	37.29
5.969	15.12	45.55	0.61	8.41	265.65	1.05	37.3
6.011	15.11	45.55	0.57	8.38	231.54	0.89	37.3
6.017	15.11	45.55	0.53	8.37	235.6	0.97	37.31
6.07	15.11	45.55	0.76	8.36	241.85	1.03	37.31
6.1	15.11	45.55	0.57	8.37	228.13	1.25	37.31
6.135	15.11	45.55	0.5	8.38	246.61	0.98	37.31
6.159	15.11	45.55	0.5	8.38	263.2	1.37	37.31
6.167	15.11	45.55	0.57	8.37	240.51	1.04	37.31
6.178	15.11	45.55	0.57	8.37	216.69	1.22	37.31
6.204	15.11	45.55	0.46	8.37	234.35	0.95	37.31
6.239	15.11	45.56	0.69	8.37	225.66	1.59	37.31
6.273	15.11	45.56	0.53	8.38	220.28	1.27	37.31
6.299	15.11	45.56	0.72	8.38	221.92	1.07	37.31
6.313	15.11	45.56	0.5	8.39	228.5	1.11	37.31
6.314	15.11	45.56	0.65	8.39	249.25	0.8	37.32
6.322	15.11	45.56	0.76	8.4	248.15	1.29	37.31
6.343	15.11	45.56	0.61	8.39	263.75	1.85	37.31
6.363	15.11	45.56	0.61	8.39	251.57	1.32	37.31
6.368	15.11	45.56	0.61	8.38	259.09	0.79	37.31
6.378	15.11	45.56	0.8	8.37	238.01	0.85	37.31
6.406	15.11	45.56	0.61	8.37	216.39	2.04	37.31
6.45	15.11	45.56	0.65	8.36	207.5	2.43	37.32
6.505	15.11	45.56	0.65	8.36	227.13	1.08	37.32
6.56	15.11	45.56	0.61	8.36	234.56	0.85	37.32
6.6	15.11	45.56	0.57	8.36	216.79	0.91	37.32
6.601	15.11	45.57	0.61	8.39	227.34	0.85	37.32
6.603	15.11	45.57	0.69	8.37	207.4	0.98	37.32
6.612	15.11	45.56	0.69	8.36	227.23	0.81	37.32
6.63	15.11	45.56	0.69	8.35	244.95	0.9	37.32
6.661	15.11	45.57	0.65	8.34	235.27	1.31	37.32
6.711	15.11	45.57	0.72	8.34	236.15	1.65	37.32
6.769	15.12	45.58	0.57	8.35	225.29	0.89	37.33
6.815	15.12	45.58	0.76	8.36	204.87	0.83	37.33
6.839	15.12	45.58	0.53	8.37	201.2	0.93	37.32
6.858	15.12	45.58	0.53	8.38	204.06	0.79	37.32
6.891	15.12	45.58	0.61	8.38	204.58	0.89	37.33
6.898	15.12	45.58	0.61	8.38	231.7	0.79	37.33
6.91	15.12	45.58	0.53	8.38	232.99	0.74	37.32
6.931	15.12	45.58	0.65	8.38	221.05	1.18	37.32
6.943	15.12	45.58	0.57	8.38	209.28	0.94	37.32
6.952	15.12	45.58	0.72	8.38	203.21	0.95	37.33
6.973	15.12	45.58	0.57	8.38	208.85	0.87	37.32
7.005	15.12	45.58	0.65	8.38	228.34	1.05	37.33
7.042	15.12	45.58	0.76	8.38	220.49	0.85	37.33
7.088	15.12	45.58	0.65	8.38	209.19	0.83	37.33
7.136	15.12	45.58	0.53	8.38	222.64	1.09	37.33
7.167	15.12	45.59	0.57	8.38	217.24	0.8	37.33
7.175	15.12	45.59	0.65	8.39	204.25	0.82	37.33
7.177	15.12	45.59	0.53	8.4	213.4	0.98	37.33
7.189	15.12	45.59	0.65	8.41	231.75	1.32	37.33
7.215	15.12	45.59	0.53	8.42	228.71	1.17	37.33
7.245	15.12	45.59	0.61	8.42	203.45	0.77	37.33

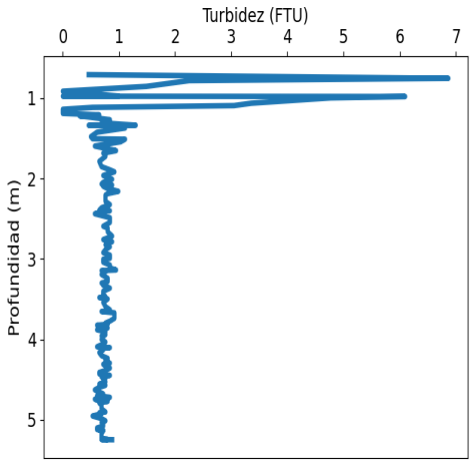
7.266	15.12	45.59	0.72	8.42	193.87	0.75	37.33

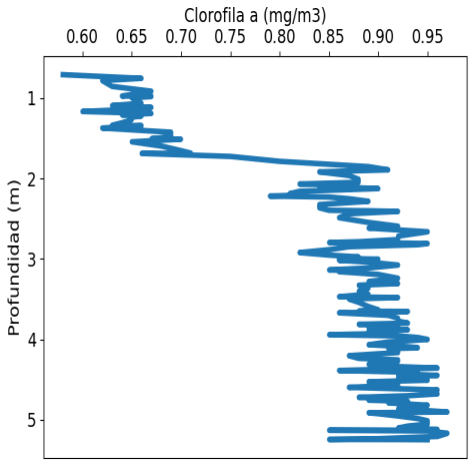
Nombre: CTD E04 - Punto 009 **Fecha: 17/02/2025** **Hora: 09:02:11**

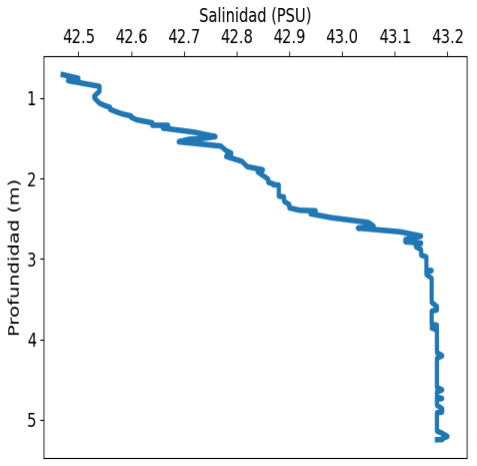


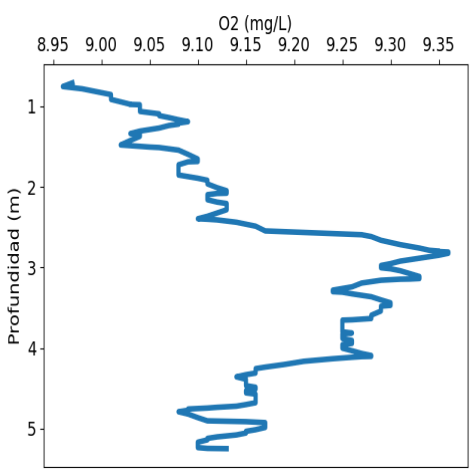


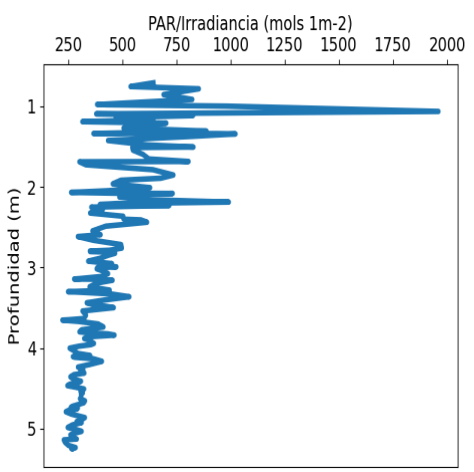












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.7	50.69	0.0	8.96	221.77	0.58	42.47
PROF (metros)	2.402	0.709	0.915	0.755	3.654	0.709	0.709
MÁXIMO	14.84	14.84	6.87	9.36	1959.7	0.97	43.2
PROF (metros)	1.506	5.247	0.755	2.809	1.064	4.904	5.208

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	14.78	50.76	3.28	9.0	648.52	0.64	42.51
1 - 2m	14.81	51.0	0.92	9.07	675.02	0.7	42.7
2 - 3m	14.73	51.22	0.79	9.21	472.28	0.87	43.0
3 - 4m	14.72	51.39	0.76	9.27	363.79	0.9	43.17
4 - 5m	14.74	51.43	0.71	9.17	297.07	0.92	43.18
5 - 6m	14.75	51.44	0.71	9.12	270.14	0.93	43.19

OBSERVACIONES GENERALES

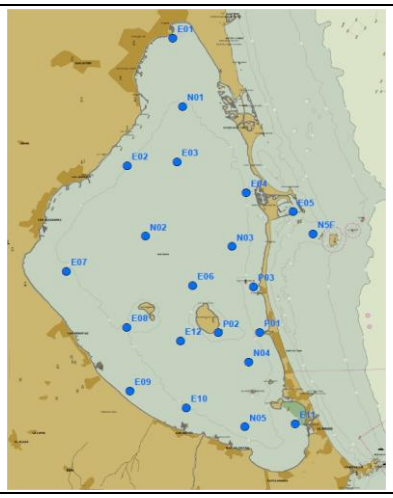
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.709	14.76	50.69	0.46	8.97	643.47	0.58	42.47
0.755	14.77	50.73	6.87	8.96	536.68	0.66	42.5
0.783	14.78	50.73	2.25	8.98	853.16	0.62	42.48
0.855	14.78	50.79	1.49	9.01	689.01	0.63	42.54
0.915	14.79	50.8	0.0	9.01	822.86	0.67	42.54
0.975	14.8	50.8	0.99	9.03	409.87	0.64	42.53
0.977	14.8	50.81	0.0	9.03	382.16	0.67	42.53
0.981	14.8	50.81	6.1	9.04	426.54	0.67	42.53
0.998	14.8	50.8	4.77	9.04	980.91	0.65	42.53
1.064	14.8	50.82	3.36	9.04	1959.7	0.66	42.54
1.094	14.8	50.83	3.05	9.06	378.02	0.63	42.55
1.116	14.8	50.84	0.53	9.06	825.92	0.67	42.56
1.14	14.8	50.84	0.0	9.07	468.84	0.65	42.56
1.167	14.8	50.85	0.0	9.08	643.32	0.6	42.57
1.191	14.8	50.87	0.0	9.09	314.12	0.67	42.58
1.209	14.8	50.88	0.65	9.08	702.88	0.64	42.59
1.222	14.8	50.89	0.3	9.08	626.26	0.66	42.6
1.239	14.81	50.88	0.5	9.07	566.72	0.65	42.6
1.27	14.81	50.89	0.84	9.06	504.47	0.65	42.61
1.308	14.81	50.93	0.69	9.04	888.48	0.64	42.64
1.338	14.81	50.93	1.3	9.03	365.27	0.63	42.64
1.339	14.81	50.97	0.46	9.03	939.3	0.63	42.67
1.343	14.81	50.96	0.72	9.04	1022.7	0.66	42.67
1.373	14.81	50.95	1.11	9.04	823.63	0.62	42.66
1.425	14.81	51.02	0.61	9.03	432.61	0.69	42.72
1.48	14.82	51.07	0.5	9.02	615.04	0.69	42.76
1.506	14.84	51.06	0.53	9.05	828.41	0.67	42.73
1.512	14.84	51.04	1.11	9.06	544.82	0.7	42.71
1.544	14.83	51.02	1.03	9.08	547.48	0.65	42.69
1.597	14.83	51.1	0.57	9.09	594.71	0.68	42.77
1.654	14.84	51.11	0.95	9.1	622.35	0.7	42.78
1.685	14.81	51.1	0.72	9.1	805.69	0.71	42.79
1.689	14.81	51.09	0.76	9.09	300.51	0.66	42.79
1.726	14.81	51.09	0.76	9.08	330.78	0.75	42.78
1.787	14.81	51.1	0.65	9.08	640.49	0.8	42.81
1.853	14.79	51.1	0.69	9.08	735.72	0.89	42.82

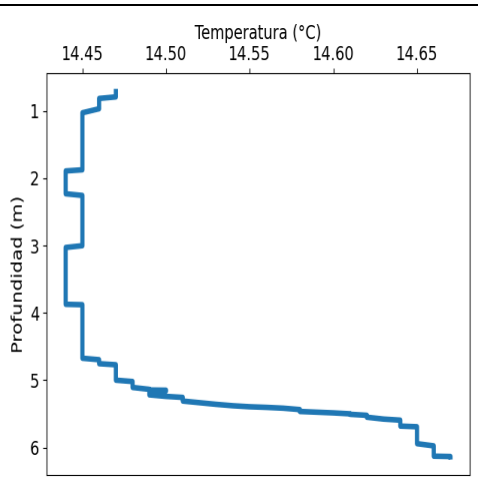
1.893	14.77	51.1	0.84	9.1	676.51	0.91	42.85
1.918	14.77	51.1	0.92	9.11	492.57	0.84	42.84
1.963	14.77	51.11	0.72	9.11	454.61	0.87	42.85
2.01	14.77	51.12	0.88	9.12	628.29	0.88	42.86
2.048	14.76	51.11	0.72	9.13	434.02	0.88	42.86
2.069	14.76	51.12	0.69	9.13	262.11	0.82	42.87
2.079	14.76	51.12	0.8	9.13	473.76	0.85	42.87
2.082	14.76	51.12	0.88	9.12	732.48	0.84	42.88
2.097	14.76	51.12	0.72	9.11	536.68	0.84	42.88
2.126	14.76	51.12	0.8	9.11	484.76	0.9	42.88
2.16	14.75	51.12	0.99	9.11	625.53	0.82	42.88
2.189	14.75	51.12	0.8	9.12	991.65	0.81	42.88
2.207	14.75	51.12	0.76	9.13	472.66	0.82	42.88
2.219	14.75	51.12	0.76	9.13	394.95	0.79	42.88
2.231	14.74	51.12	0.76	9.13	716.7	0.85	42.89
2.252	14.74	51.12	0.76	9.13	355.42	0.87	42.89
2.284	14.74	51.12	0.76	9.13	409.4	0.89	42.89
2.325	14.74	51.12	0.84	9.12	349.94	0.84	42.9
2.365	14.73	51.12	0.69	9.11	504.12	0.84	42.9
2.396	14.72	51.12	0.65	9.1	503.77	0.85	42.92
2.402	14.7	51.13	0.84	9.11	509.52	0.89	42.95
2.41	14.7	51.13	0.72	9.12	585.27	0.92	42.95
2.439	14.7	51.13	0.57	9.14	614.04	0.87	42.94
2.488	14.7	51.16	0.84	9.16	423.09	0.86	42.98
2.547	14.7	51.24	0.84	9.17	360.73	0.89	43.05
2.594	14.71	51.26	0.72	9.27	399.37	0.92	43.06
2.617	14.71	51.23	0.8	9.28	293.29	0.89	43.03
2.663	14.71	51.32	0.8	9.29	365.44	0.95	43.11
2.717	14.72	51.36	0.88	9.31	494.29	0.92	43.15
2.76	14.72	51.33	0.72	9.33	497.51	0.92	43.12
2.787	14.72	51.33	0.88	9.34	440.4	0.88	43.12
2.797	14.72	51.35	0.8	9.35	348.81	0.85	43.14
2.803	14.72	51.36	0.8	9.35	349.94	0.92	43.15
2.809	14.72	51.37	0.8	9.36	420.65	0.95	43.15
2.824	14.72	51.36	0.76	9.36	466.68	0.94	43.14
2.849	14.72	51.36	0.84	9.35	434.02	0.87	43.14
2.886	14.72	51.37	0.76	9.33	397.43	0.85	43.15
2.922	14.72	51.37	0.72	9.31	340.98	0.82	43.15
2.953	14.72	51.37	0.84	9.3	452.2	0.85	43.15
2.976	14.72	51.37	0.84	9.29	404.21	0.88	43.16
2.993	14.72	51.38	0.84	9.29	472.44	0.86	43.16
3.004	14.72	51.38	0.72	9.29	382.96	0.9	43.16
3.017	14.72	51.38	0.72	9.3	380.31	0.86	43.16
3.041	14.72	51.38	0.72	9.31	406.65	0.89	43.16
3.077	14.72	51.38	0.84	9.32	434.02	0.92	43.16
3.113	14.72	51.38	0.84	9.33	401.04	0.89	43.16
3.138	14.72	51.38	0.95	9.33	304.79	0.85	43.16
3.144	14.72	51.38	0.72	9.32	276.14	0.87	43.16
3.146	14.72	51.39	0.69	9.31	358.73	0.88	43.17
3.159	14.72	51.38	0.76	9.29	454.72	0.86	43.16
3.194	14.72	51.38	0.69	9.27	382.34	0.9	43.16
3.241	14.72	51.39	0.8	9.26	347.36	0.92	43.17
3.282	14.72	51.39	0.8	9.24	441.43	0.89	43.17
3.301	14.72	51.39	0.69	9.24	247.92	0.91	43.17
3.307	14.72	51.39	0.72	9.25	298.64	0.92	43.17
3.328	14.72	51.39	0.72	9.26	443.07	0.88	43.17
3.364	14.72	51.39	0.84	9.28	532.34	0.89	43.17
3.403	14.72	51.39	0.72	9.29	419.97	0.88	43.17

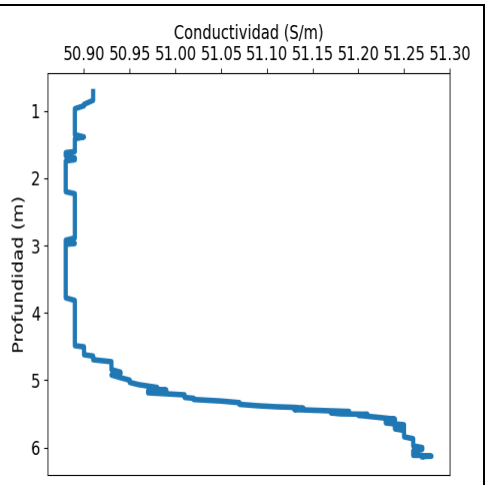
3.439	14.72	51.39	0.72	9.3	334.25	0.89	43.17
3.471	14.72	51.39	0.76	9.3	376.54	0.86	43.17
3.481	14.72	51.39	0.65	9.29	419.87	0.92	43.17
3.499	14.72	51.39	0.8	9.29	460.44	0.87	43.17
3.541	14.72	51.39	0.72	9.29	314.77	0.88	43.17
3.593	14.72	51.4	0.76	9.28	332.01	0.89	43.18
3.634	14.72	51.4	0.84	9.28	322.68	0.9	43.18
3.65	14.73	51.4	0.76	9.26	248.84	0.88	43.17
3.654	14.73	51.4	0.69	9.25	221.77	0.93	43.17
3.671	14.73	51.4	0.92	9.25	299.96	0.86	43.17
3.702	14.73	51.4	0.92	9.25	387.96	0.91	43.17
3.739	14.73	51.4	0.92	9.25	412.63	0.92	43.17
3.774	14.73	51.4	0.84	9.25	311.07	0.92	43.17
3.799	14.73	51.4	0.76	9.25	300.86	0.93	43.17
3.814	14.73	51.4	0.8	9.26	353.12	0.88	43.17
3.825	14.73	51.4	0.61	9.25	432.61	0.92	43.18
3.84	14.73	51.4	0.72	9.25	463.76	0.9	43.18
3.859	14.73	51.4	0.8	9.25	355.01	0.89	43.17
3.882	14.73	51.4	0.61	9.25	322.38	0.93	43.18
3.906	14.73	51.4	0.76	9.26	351.32	0.89	43.18
3.927	14.73	51.4	0.72	9.26	358.9	0.91	43.18
3.943	14.73	51.41	0.76	9.26	368.85	0.85	43.18
3.958	14.73	51.41	0.69	9.25	354.51	0.92	43.18
3.978	14.73	51.41	0.72	9.25	298.71	0.94	43.18
4.002	14.73	51.41	0.69	9.25	255.33	0.95	43.18
4.034	14.73	51.41	0.76	9.26	275.94	0.91	43.18
4.068	14.73	51.42	0.69	9.27	294.86	0.89	43.18
4.093	14.73	51.41	0.61	9.28	351.32	0.93	43.18
4.104	14.73	51.42	0.84	9.28	321.41	0.94	43.18
4.107	14.73	51.42	0.69	9.27	270.37	0.94	43.18
4.115	14.73	51.42	0.69	9.26	279.29	0.91	43.18
4.133	14.73	51.42	0.72	9.24	364.43	0.92	43.18
4.165	14.73	51.42	0.65	9.21	405.71	0.92	43.18
4.204	14.74	51.43	0.69	9.19	349.7	0.87	43.19
4.237	14.74	51.42	0.8	9.17	293.83	0.88	43.18
4.256	14.74	51.42	0.76	9.16	309.56	0.92	43.18
4.272	14.74	51.42	0.8	9.16	319.62	0.92	43.18
4.284	14.74	51.42	0.76	9.16	311.36	0.9	43.18
4.296	14.74	51.42	0.84	9.16	305.22	0.91	43.18
4.311	14.74	51.42	0.72	9.16	324.48	0.89	43.18
4.331	14.74	51.42	0.76	9.15	275.05	0.9	43.18
4.358	14.74	51.42	0.84	9.14	258.79	0.96	43.18
4.388	14.74	51.42	0.76	9.15	275.69	0.86	43.18
4.412	14.74	51.42	0.65	9.15	309.06	0.94	43.18
4.431	14.74	51.42	0.65	9.15	294.65	0.92	43.18
4.449	14.74	51.42	0.84	9.15	256.22	0.96	43.18
4.467	14.74	51.42	0.69	9.15	245.01	0.92	43.18
4.487	14.74	51.42	0.76	9.16	284.52	0.92	43.18
4.509	14.74	51.43	0.72	9.16	323.5	0.95	43.18
4.529	14.74	51.43	0.76	9.15	305.22	0.89	43.18
4.545	14.74	51.43	0.72	9.15	306.28	0.92	43.18
4.557	14.74	51.43	0.65	9.15	317.56	0.92	43.18
4.572	14.74	51.43	0.76	9.16	307.49	0.92	43.18
4.598	14.74	51.43	0.65	9.16	310.35	0.87	43.18
4.629	14.74	51.43	0.57	9.16	302.96	0.96	43.19
4.656	14.74	51.43	0.65	9.16	327.5	0.95	43.18
4.679	14.74	51.43	0.72	9.16	322.0	0.96	43.18
4.702	14.74	51.43	0.61	9.15	295.27	0.93	43.18

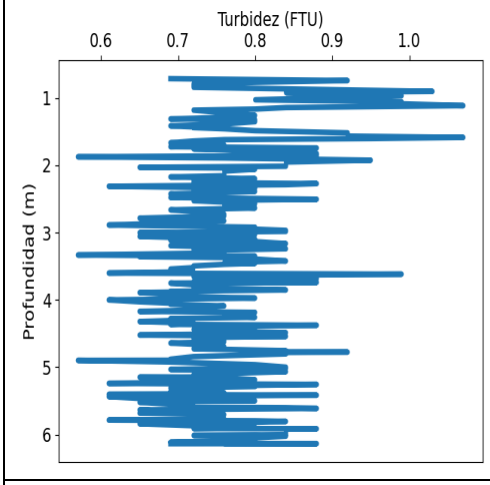
4.722	14.74	51.43	0.84	9.14	270.25	0.88	43.18
4.736	14.74	51.43	0.8	9.12	260.95	0.92	43.19
4.745	14.74	51.43	0.57	9.11	294.45	0.91	43.18
4.757	14.74	51.43	0.61	9.09	290.65	0.89	43.18
4.772	14.74	51.43	0.8	9.09	252.21	0.93	43.18
4.791	14.74	51.43	0.65	9.08	237.63	0.91	43.18
4.82	14.74	51.43	0.69	9.09	263.63	0.95	43.18
4.864	14.74	51.44	0.69	9.1	326.97	0.92	43.19
4.904	14.75	51.44	0.76	9.11	301.49	0.97	43.19
4.914	14.75	51.44	0.65	9.15	287.3	0.89	43.18
4.926	14.75	51.44	0.69	9.17	312.08	0.9	43.18
4.954	14.75	51.44	0.53	9.17	268.87	0.92	43.18
4.986	14.75	51.44	0.69	9.17	246.49	0.94	43.18
5.014	14.75	51.44	0.76	9.16	287.77	0.95	43.18
5.034	14.75	51.44	0.69	9.15	311.87	0.95	43.18
5.055	14.75	51.44	0.72	9.15	282.02	0.95	43.18
5.079	14.75	51.44	0.72	9.14	258.67	0.93	43.18
5.103	14.75	51.43	0.61	9.12	267.63	0.92	43.18
5.122	14.75	51.43	0.61	9.11	276.65	0.96	43.18
5.13	14.75	51.43	0.72	9.11	289.37	0.93	43.18
5.131	14.75	51.43	0.65	9.11	280.72	0.85	43.18
5.14	14.75	51.43	0.72	9.11	228.39	0.95	43.18
5.169	14.75	51.44	0.69	9.1	233.64	0.97	43.19
5.208	14.75	51.45	0.69	9.1	249.6	0.96	43.2
5.236	14.75	51.45	0.69	9.1	284.32	0.9	43.19
5.246	14.76	51.45	0.8	9.11	273.21	0.85	43.19
5.247	14.76	51.46	0.69	9.12	262.65	0.92	43.19
5.249	14.76	51.45	0.88	9.13	265.65	0.95	43.18

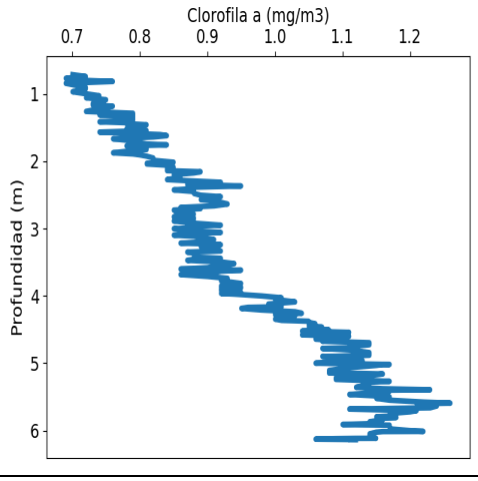
Nombre: CTD N03 - Punto 010 **Fecha: 17/02/2025** **Hora: 10:02:23**

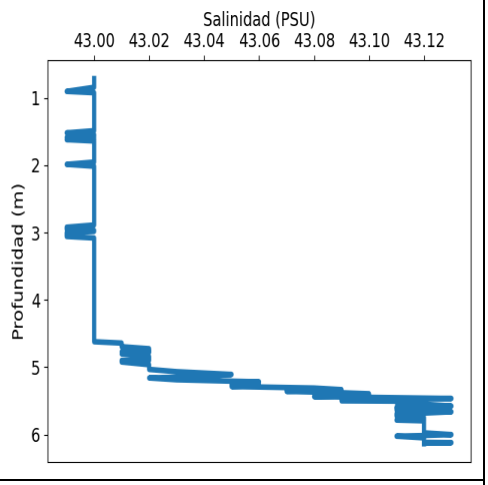


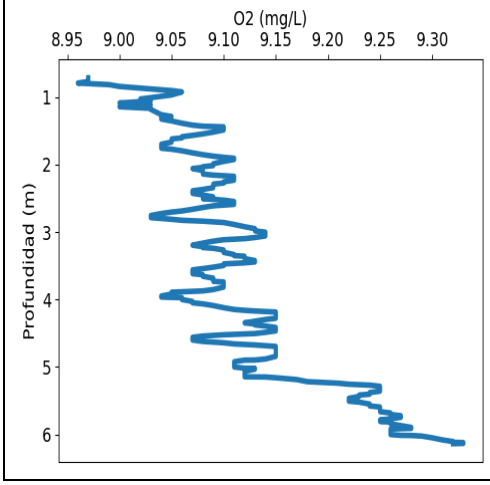


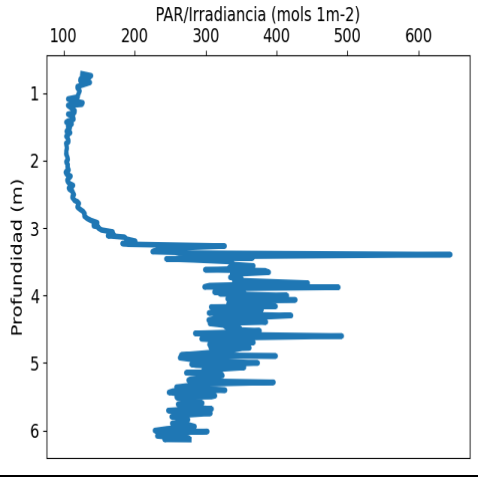


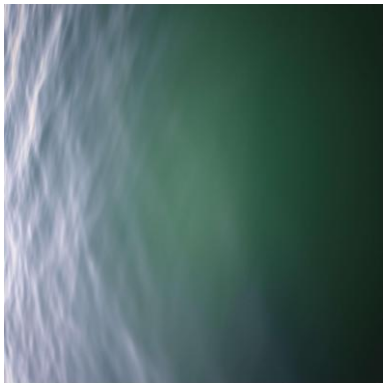












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.44	50.88	0.57	8.96	102.81	0.69	42.99
PROF (metros)	1.905	1.619	1.874	0.791	2.173	0.767	0.902
MÁXIMO	14.67	14.67	1.07	9.33	645.26	1.26	43.13
PROF (metros)	6.133	6.128	1.114	6.12	3.393	5.593	5.464

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	14.46	50.91	0.83	9.0	127.35	0.71	43.0
1 - 2m	14.45	50.89	0.81	9.06	108.64	0.78	43.0
2 - 3m	14.45	50.89	0.75	9.09	117.01	0.87	43.0
3 - 4m	14.44	50.88	0.75	9.09	295.89	0.9	43.0
4 - 5m	14.45	50.91	0.74	9.12	343.44	1.05	43.01
5 - 6m	14.58	51.14	0.74	9.22	284.39	1.16	43.09
6 - 7m	14.66	51.27	0.77	9.31	257.61	1.14	43.12

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	14.47	50.91	0.69	8.97	126.18	0.7	43.0
0.741	14.47	50.91	0.92	8.97	138.76	0.72	43.0
0.767	14.47	50.91	0.8	8.97	135.8	0.69	43.0
0.791	14.47	50.91	0.72	8.96	123.63	0.7	43.0
0.814	14.46	50.91	0.72	8.99	123.26	0.76	43.0
0.841	14.46	50.91	0.72	9.0	137.16	0.69	43.0
0.902	14.46	50.9	1.03	9.05	119.38	0.72	42.99
0.922	14.46	50.9	0.84	9.06	119.38	0.72	43.0
0.967	14.46	50.89	0.99	9.05	122.61	0.7	43.0
1.027	14.45	50.89	0.8	9.02	120.22	0.74	43.0
1.056	14.45	50.89	0.99	9.03	119.94	0.72	43.0
1.086	14.45	50.89	0.99	9.0	106.15	0.75	43.0
1.114	14.45	50.89	1.07	9.03	113.32	0.74	43.0
1.142	14.45	50.89	0.84	9.0	126.8	0.73	43.0
1.165	14.45	50.89	0.8	9.03	125.6	0.73	43.0
1.181	14.45	50.89	0.72	9.03	106.02	0.76	43.0
1.259	14.45	50.89	0.8	9.04	115.62	0.72	43.0
1.287	14.45	50.89	0.76	9.05	115.3	0.79	43.0
1.302	14.45	50.89	0.72	9.04	110.75	0.79	43.0
1.311	14.45	50.89	0.69	9.04	106.07	0.74	43.0
1.324	14.45	50.89	0.8	9.04	111.6	0.79	43.0
1.352	14.45	50.89	0.8	9.05	113.32	0.79	43.0
1.386	14.45	50.9	0.76	9.06	114.05	0.79	43.0
1.414	14.45	50.89	0.69	9.07	106.1	0.74	43.0
1.43	14.45	50.89	0.72	9.08	103.59	0.79	43.0
1.44	14.45	50.89	0.72	9.1	109.12	0.78	43.0
1.458	14.45	50.89	0.76	9.1	111.47	0.81	43.0
1.486	14.45	50.89	0.8	9.1	105.93	0.79	43.0
1.518	14.45	50.89	0.92	9.09	108.76	0.78	42.99
1.544	14.45	50.89	0.92	9.08	105.39	0.81	43.0
1.566	14.45	50.89	0.92	9.07	104.03	0.74	43.0
1.586	14.45	50.89	1.07	9.06	109.34	0.79	42.99
1.603	14.45	50.89	0.95	9.06	107.14	0.83	43.0
1.619	14.45	50.88	0.76	9.05	105.17	0.84	42.99
1.639	14.45	50.88	0.72	9.05	103.57	0.82	43.0

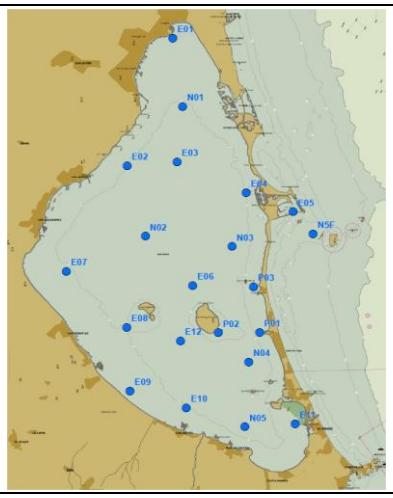
1.666	14.45	50.88	0.69	9.05	105.63	0.76	43.0
1.697	14.45	50.89	0.76	9.04	106.79	0.79	43.0
1.724	14.45	50.89	0.69	9.04	106.74	0.8	43.0
1.743	14.45	50.88	0.88	9.04	103.35	0.81	43.0
1.756	14.45	50.88	0.72	9.04	103.67	0.84	43.0
1.771	14.45	50.88	0.76	9.05	103.81	0.78	43.0
1.795	14.45	50.88	0.8	9.06	104.41	0.81	43.0
1.825	14.45	50.88	0.88	9.07	104.56	0.81	43.0
1.852	14.45	50.88	0.88	9.08	103.69	0.78	43.0
1.874	14.45	50.88	0.57	9.09	103.81	0.76	43.0
1.891	14.44	50.88	0.76	9.1	104.03	0.79	43.0
1.905	14.44	50.88	0.84	9.11	103.45	0.8	43.0
1.924	14.44	50.88	0.95	9.11	104.34	0.81	43.0
1.952	14.44	50.88	0.84	9.1	105.44	0.82	43.0
1.986	14.44	50.88	0.84	9.09	106.0	0.82	42.99
2.014	14.44	50.88	0.84	9.09	103.59	0.85	43.0
2.03	14.44	50.88	0.65	9.08	103.93	0.81	43.0
2.04	14.44	50.88	0.76	9.08	104.85	0.81	43.0
2.058	14.44	50.88	0.8	9.07	105.95	0.84	43.0
2.087	14.44	50.88	0.76	9.08	105.24	0.85	43.0
2.116	14.44	50.88	0.76	9.08	106.29	0.84	43.0
2.139	14.44	50.88	0.76	9.08	107.16	0.84	43.0
2.155	14.44	50.88	0.76	9.09	103.93	0.89	43.0
2.173	14.44	50.88	0.69	9.11	102.81	0.88	43.0
2.199	14.44	50.88	0.8	9.11	104.08	0.85	43.0
2.23	14.44	50.89	0.72	9.11	109.95	0.86	43.0
2.255	14.45	50.89	0.72	9.1	107.91	0.85	43.0
2.272	14.45	50.89	0.88	9.1	105.9	0.84	43.0
2.288	14.45	50.89	0.84	9.09	105.0	0.87	43.0
2.312	14.45	50.89	0.61	9.09	105.66	0.92	43.0
2.341	14.45	50.89	0.8	9.09	108.38	0.87	43.0
2.367	14.45	50.89	0.72	9.08	113.4	0.95	43.0
2.388	14.45	50.89	0.8	9.07	111.13	0.87	43.0
2.406	14.45	50.89	0.76	9.07	107.19	0.88	43.0
2.425	14.45	50.89	0.69	9.07	108.11	0.85	43.0
2.449	14.45	50.89	0.72	9.08	112.11	0.88	43.0
2.478	14.45	50.89	0.69	9.09	113.21	0.88	43.0
2.504	14.45	50.89	0.88	9.08	114.61	0.89	43.0
2.526	14.45	50.89	0.72	9.1	112.45	0.92	43.0
2.547	14.45	50.89	0.76	9.11	112.24	0.9	43.0
2.57	14.45	50.89	0.8	9.11	114.05	0.89	43.0
2.589	14.45	50.89	0.76	9.11	115.25	0.91	43.0
2.61	14.45	50.89	0.76	9.09	119.47	0.92	43.0
2.635	14.45	50.89	0.8	9.08	121.64	0.93	43.0
2.662	14.45	50.89	0.69	9.07	119.99	0.91	43.0
2.686	14.45	50.89	0.72	9.06	119.27	0.86	43.0
2.703	14.45	50.89	0.72	9.05	120.91	0.89	43.0
2.725	14.45	50.89	0.76	9.04	123.63	0.85	43.0
2.754	14.45	50.89	0.76	9.03	127.48	0.86	43.0
2.785	14.45	50.89	0.65	9.03	129.68	0.88	43.0
2.81	14.45	50.89	0.72	9.05	129.05	0.86	43.0
2.825	14.45	50.89	0.76	9.06	129.23	0.85	43.0
2.838	14.45	50.89	0.72	9.08	130.98	0.88	43.0
2.858	14.45	50.89	0.69	9.1	133.28	0.88	43.0
2.887	14.45	50.89	0.61	9.11	138.57	0.85	43.0
2.92	14.45	50.88	0.8	9.12	147.48	0.88	42.99
2.949	14.45	50.88	0.8	9.13	142.18	0.92	42.99
2.967	14.45	50.89	0.84	9.13	142.38	0.87	43.0

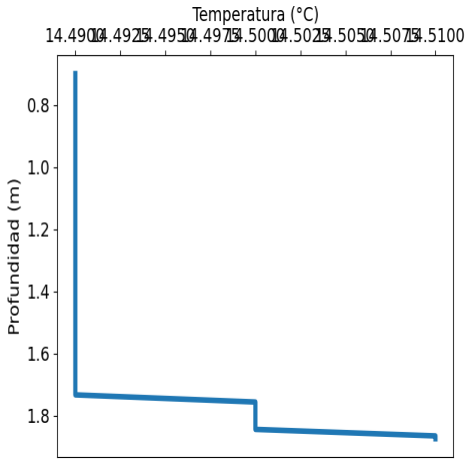
2.982	14.45	50.88	0.84	9.13	148.89	0.89	43.0
3.001	14.45	50.88	0.65	9.14	149.13	0.85	42.99
3.028	14.44	50.88	0.8	9.14	153.45	0.87	42.99
3.057	14.44	50.88	0.65	9.14	169.17	0.92	42.99
3.08	14.44	50.88	0.72	9.13	163.81	0.87	43.0
3.097	14.44	50.88	0.8	9.12	170.83	0.85	43.0
3.113	14.44	50.88	0.69	9.1	162.26	0.88	43.0
3.134	14.44	50.88	0.8	9.09	185.69	0.89	43.0
3.163	14.44	50.88	0.84	9.08	188.64	0.91	43.0
3.194	14.44	50.88	0.69	9.07	201.1	0.9	43.0
3.216	14.44	50.88	0.76	9.08	199.9	0.86	43.0
3.229	14.44	50.88	0.72	9.08	182.66	0.91	43.0
3.24	14.44	50.88	0.84	9.09	191.28	0.92	43.0
3.266	14.44	50.88	0.72	9.1	327.12	0.89	43.0
3.301	14.44	50.88	0.76	9.1	240.34	0.91	43.0
3.333	14.44	50.88	0.57	9.11	229.83	0.92	43.0
3.349	14.44	50.88	0.8	9.11	225.14	0.87	43.0
3.358	14.44	50.88	0.65	9.12	257.47	0.88	43.0
3.37	14.44	50.88	0.76	9.12	262.35	0.88	43.0
3.393	14.44	50.88	0.8	9.12	645.26	0.88	43.0
3.422	14.44	50.88	0.84	9.13	294.51	0.88	43.0
3.442	14.44	50.88	0.76	9.13	366.38	0.92	43.0
3.456	14.44	50.88	0.8	9.12	244.56	0.88	43.0
3.471	14.44	50.88	0.76	9.1	283.2	0.87	43.0
3.495	14.44	50.88	0.72	9.1	332.93	0.92	43.0
3.52	14.44	50.88	0.72	9.09	337.13	0.94	43.0
3.541	14.44	50.88	0.69	9.08	340.9	0.93	43.0
3.56	14.44	50.88	0.69	9.07	367.57	0.91	43.0
3.581	14.44	50.88	0.72	9.07	333.63	0.9	43.0
3.601	14.44	50.88	0.61	9.07	355.01	0.86	43.0
3.617	14.44	50.88	0.99	9.07	299.33	0.95	43.0
3.632	14.44	50.88	0.84	9.08	384.03	0.92	43.0
3.655	14.44	50.88	0.72	9.08	389.31	0.91	43.0
3.683	14.44	50.88	0.88	9.09	337.2	0.86	43.0
3.71	14.44	50.88	0.8	9.09	348.16	0.9	43.0
3.73	14.44	50.88	0.72	9.09	334.71	0.92	43.0
3.739	14.44	50.88	0.88	9.1	350.35	0.93	43.0
3.75	14.44	50.88	0.69	9.1	339.56	0.92	43.0
3.775	14.44	50.88	0.72	9.1	340.11	0.92	43.0
3.815	14.44	50.89	0.72	9.1	444.2	0.95	43.0
3.852	14.44	50.89	0.84	9.09	305.36	0.92	43.0
3.872	14.44	50.89	0.69	9.08	298.29	0.95	43.0
3.878	14.45	50.89	0.72	9.07	487.46	0.95	43.0
3.891	14.45	50.89	0.65	9.05	356.82	0.92	43.0
3.918	14.45	50.89	0.69	9.05	343.67	0.92	43.0
3.948	14.45	50.89	0.72	9.04	312.37	0.95	43.0
3.963	14.45	50.89	0.76	9.04	354.43	0.92	43.0
3.973	14.45	50.89	0.8	9.06	320.07	0.94	43.0
4.0	14.45	50.89	0.61	9.06	414.84	0.98	43.0
4.028	14.45	50.89	0.65	9.07	354.1	1.01	43.0
4.048	14.45	50.89	0.69	9.07	330.86	1.0	43.0
4.064	14.45	50.89	0.69	9.08	426.84	1.01	43.0
4.089	14.45	50.89	0.76	9.09	333.7	1.03	43.0
4.121	14.45	50.89	0.72	9.1	332.08	0.99	43.0
4.147	14.45	50.89	0.72	9.11	356.08	0.99	43.0
4.16	14.45	50.89	0.69	9.12	399.0	1.01	43.0
4.17	14.45	50.89	0.65	9.13	307.63	0.96	43.0
4.185	14.45	50.89	0.8	9.15	358.98	0.95	43.0

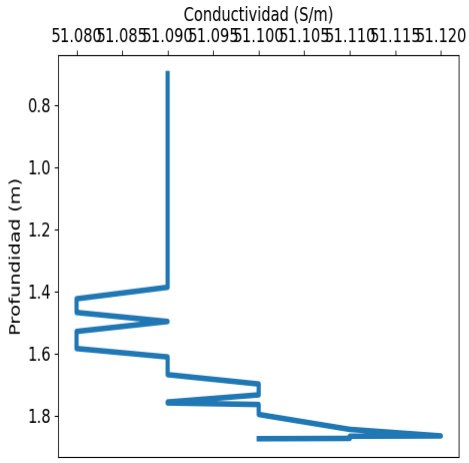
4.209	14.45	50.89	0.76	9.15	379.25	0.98	43.0
4.235	14.45	50.89	0.76	9.15	319.4	1.03	43.0
4.258	14.45	50.89	0.8	9.15	304.58	1.04	43.0
4.277	14.45	50.89	0.69	9.15	334.4	1.0	43.0
4.296	14.45	50.89	0.72	9.14	420.75	1.03	43.0
4.321	14.45	50.89	0.65	9.13	373.93	1.01	43.0
4.345	14.45	50.89	0.72	9.12	311.43	1.0	43.0
4.363	14.45	50.89	0.69	9.13	304.16	1.01	43.0
4.376	14.45	50.89	0.88	9.13	369.96	1.05	43.0
4.392	14.45	50.89	0.76	9.14	385.28	1.05	43.0
4.414	14.45	50.89	0.8	9.15	306.0	1.06	43.0
4.439	14.45	50.89	0.72	9.15	326.36	1.05	43.0
4.464	14.45	50.89	0.76	9.15	328.56	1.07	43.0
4.486	14.45	50.89	0.84	9.14	348.57	1.05	43.0
4.504	14.45	50.9	0.76	9.13	333.32	1.08	43.0
4.522	14.45	50.9	0.65	9.1	376.36	1.04	43.0
4.541	14.45	50.9	0.84	9.08	353.2	1.11	43.0
4.56	14.45	50.9	0.72	9.07	285.18	1.09	43.0
4.578	14.45	50.9	0.76	9.07	330.4	1.04	43.0
4.6	14.45	50.9	0.72	9.07	492.23	1.11	43.0
4.621	14.45	50.9	0.76	9.08	368.51	1.08	43.0
4.641	14.45	50.91	0.69	9.1	294.11	1.06	43.01
4.658	14.45	50.91	0.72	9.11	314.33	1.08	43.01
4.673	14.45	50.91	0.72	9.13	347.44	1.07	43.01
4.695	14.46	50.91	0.76	9.15	367.74	1.14	43.01
4.725	14.46	50.93	0.72	9.15	305.22	1.14	43.02
4.754	14.46	50.93	0.84	9.15	312.59	1.11	43.02
4.77	14.47	50.93	0.8	9.15	306.99	1.11	43.01
4.775	14.47	50.93	0.92	9.15	362.07	1.09	43.02
4.78	14.47	50.93	0.84	9.15	351.16	1.07	43.02
4.802	14.47	50.93	0.84	9.15	341.13	1.11	43.01
4.842	14.47	50.93	0.72	9.15	310.79	1.14	43.02
4.881	14.47	50.94	0.69	9.14	265.59	1.14	43.02
4.896	14.47	50.94	0.69	9.13	399.09	1.09	43.02
4.898	14.47	50.94	0.57	9.12	312.23	1.07	43.01
4.922	14.47	50.93	0.69	9.11	263.81	1.11	43.01
4.962	14.47	50.94	0.8	9.11	291.26	1.13	43.02
4.999	14.47	50.95	0.84	9.11	373.75	1.06	43.02
5.018	14.48	50.95	0.84	9.12	327.12	1.17	43.02
5.019	14.48	50.95	0.76	9.13	279.94	1.16	43.02
5.032	14.48	50.95	0.69	9.13	286.57	1.15	43.02
5.066	14.48	50.96	0.84	9.12	354.43	1.11	43.03
5.107	14.48	50.98	0.72	9.12	296.98	1.08	43.05
5.135	14.49	50.98	0.72	9.12	302.82	1.1	43.04
5.145	14.49	50.99	0.72	9.12	272.58	1.08	43.04
5.148	14.5	50.98	0.65	9.14	281.11	1.11	43.03
5.159	14.5	50.97	0.76	9.15	321.93	1.16	43.02
5.186	14.49	50.97	0.8	9.17	324.03	1.14	43.03
5.217	14.49	51.01	0.76	9.18	301.77	1.09	43.06
5.24	14.5	51.01	0.61	9.21	279.16	1.09	43.05
5.255	14.51	51.01	0.88	9.22	275.82	1.13	43.05
5.269	14.51	51.02	0.8	9.24	300.86	1.17	43.06
5.286	14.51	51.02	0.8	9.25	396.05	1.13	43.05
5.309	14.51	51.05	0.69	9.25	303.24	1.14	43.08
5.333	14.52	51.07	0.72	9.25	279.16	1.13	43.09
5.358	14.53	51.07	0.69	9.25	258.73	1.12	43.07
5.379	14.54	51.09	0.76	9.24	264.06	1.16	43.09
5.394	14.55	51.11	0.72	9.24	315.21	1.23	43.1

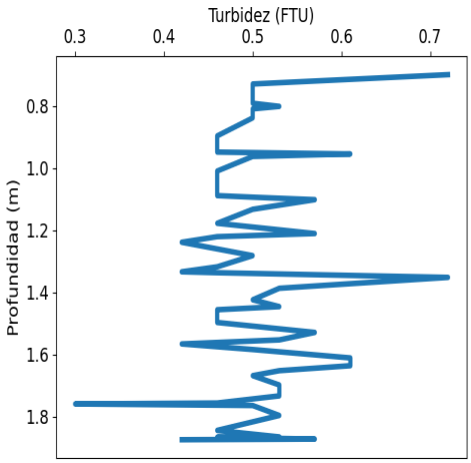
5.403	14.56	51.13	0.61	9.24	327.8	1.14	43.1
5.415	14.57	51.14	0.88	9.23	254.21	1.17	43.1
5.436	14.58	51.13	0.61	9.23	248.21	1.15	43.08
5.464	14.58	51.19	0.65	9.22	270.0	1.11	43.13
5.485	14.6	51.17	0.72	9.22	313.53	1.15	43.09
5.499	14.61	51.18	0.8	9.22	308.42	1.17	43.09
5.506	14.61	51.21	0.69	9.22	259.09	1.17	43.12
5.521	14.62	51.2	0.65	9.23	260.77	1.15	43.11
5.549	14.62	51.22	0.69	9.24	281.89	1.17	43.12
5.577	14.63	51.24	0.72	9.24	275.94	1.22	43.13
5.593	14.64	51.23	0.72	9.25	295.61	1.26	43.11
5.601	14.64	51.24	0.84	9.25	280.91	1.21	43.12
5.612	14.64	51.23	0.88	9.25	261.01	1.21	43.11
5.634	14.64	51.23	0.65	9.25	266.45	1.24	43.11
5.662	14.64	51.25	0.69	9.25	287.77	1.23	43.13
5.681	14.64	51.25	0.65	9.26	308.77	1.11	43.12
5.691	14.65	51.24	0.72	9.26	268.0	1.15	43.11
5.704	14.65	51.25	0.76	9.26	247.29	1.21	43.11
5.722	14.65	51.24	0.72	9.27	265.47	1.2	43.11
5.746	14.65	51.25	0.72	9.27	307.13	1.17	43.12
5.767	14.65	51.25	0.76	9.26	277.03	1.17	43.12
5.785	14.65	51.25	0.61	9.25	263.93	1.17	43.11
5.796	14.65	51.25	0.8	9.26	251.98	1.15	43.12
5.805	14.65	51.25	0.84	9.25	260.83	1.18	43.12
5.818	14.65	51.25	0.8	9.26	271.32	1.16	43.12
5.84	14.65	51.25	0.65	9.26	275.56	1.16	43.12
5.869	14.65	51.26	0.72	9.27	267.69	1.14	43.12
5.895	14.65	51.26	0.8	9.28	252.74	1.15	43.12
5.91	14.65	51.26	0.72	9.28	264.12	1.1	43.12
5.914	14.65	51.26	0.88	9.27	269.81	1.12	43.12
5.92	14.65	51.26	0.84	9.26	277.23	1.17	43.12
5.942	14.65	51.26	0.84	9.26	284.78	1.17	43.12
5.975	14.66	51.26	0.84	9.26	245.69	1.17	43.12
6.001	14.66	51.27	0.84	9.26	228.39	1.2	43.13
6.013	14.66	51.27	0.72	9.27	241.85	1.22	43.12
6.015	14.66	51.27	0.8	9.28	302.75	1.16	43.12
6.024	14.66	51.27	0.84	9.29	275.5	1.15	43.11
6.049	14.66	51.26	0.8	9.3	237.9	1.14	43.12
6.081	14.66	51.26	0.8	9.31	231.75	1.14	43.12
6.105	14.66	51.26	0.72	9.32	254.09	1.14	43.12
6.115	14.66	51.26	0.69	9.32	276.65	1.15	43.12
6.116	14.66	51.27	0.72	9.32	259.57	1.12	43.12
6.12	14.66	51.27	0.76	9.33	266.52	1.09	43.13
6.128	14.66	51.28	0.76	9.33	244.78	1.06	43.12
6.133	14.67	51.27	0.76	9.33	242.07	1.11	43.12
6.135	14.67	51.27	0.88	9.32	267.32	1.11	43.12
6.136	14.67	51.27	0.69	9.32	277.36	1.12	43.12

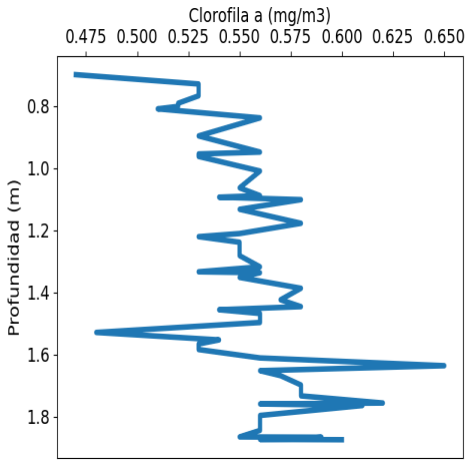
Nombre: CTD P03 - Punto 011 **Fecha: 17/02/2025** **Hora: 10:02:30**

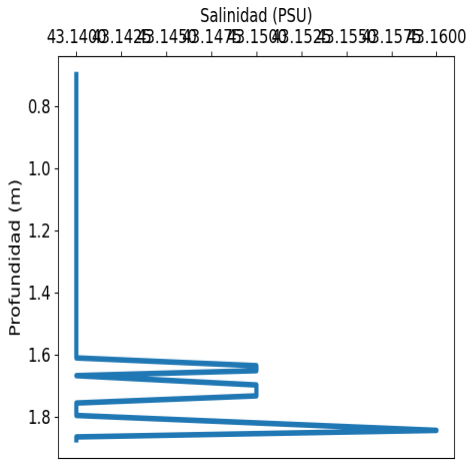


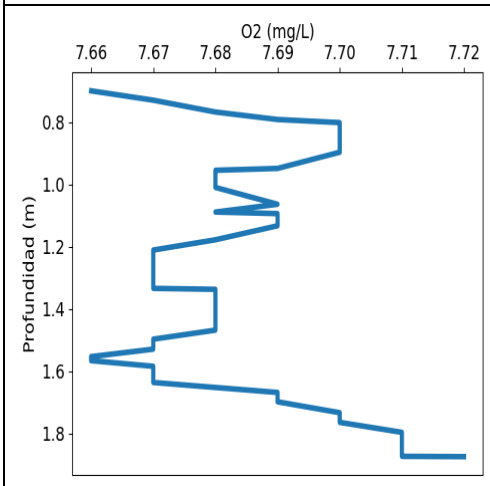


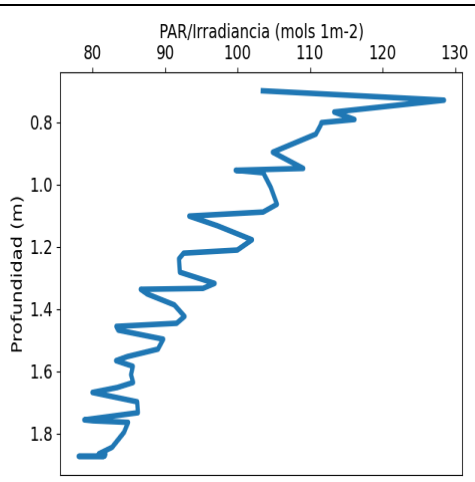


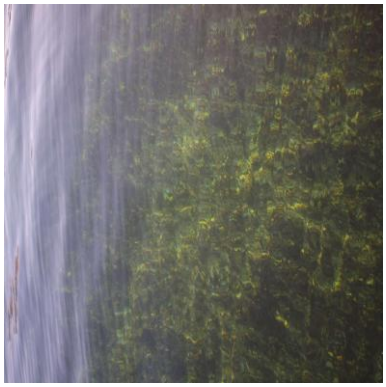












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.49	51.08	0.3	7.66	78.06	0.47	43.14
PROF (metros)	0.7	1.424	1.759	0.7	1.873	0.7	0.7
MÁXIMO	14.51	14.51	0.72	7.72	128.45	0.65	43.16
PROF (metros)	1.865	1.865	0.7	1.874	0.73	1.636	1.844

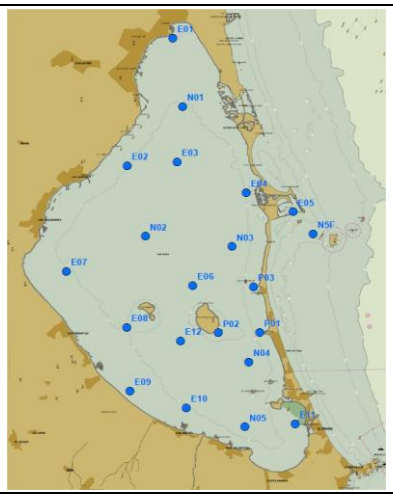
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.49	51.09	0.53	7.69	110.2	0.53	43.14
1 - 2m	14.49	51.09	0.5	7.69	88.87	0.56	43.14

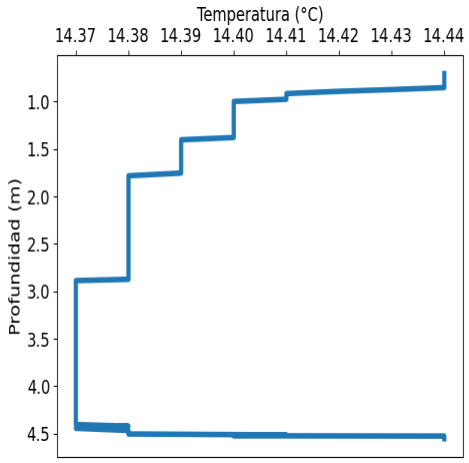
OBSERVACIONES GENERALES

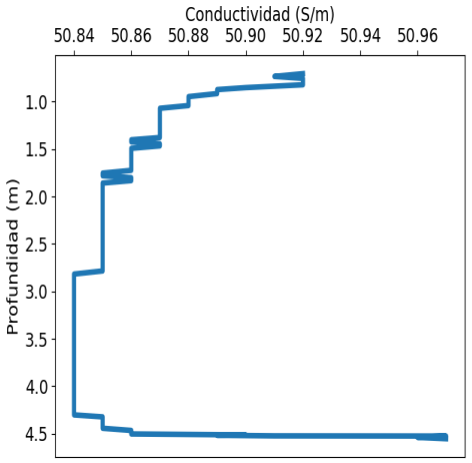
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	14.49	51.09	0.72	7.66	103.45	0.47	43.14
0.73	14.49	51.09	0.5	7.67	128.45	0.53	43.14
0.768	14.49	51.09	0.5	7.68	113.29	0.53	43.14
0.792	14.49	51.09	0.5	7.69	116.11	0.52	43.14
0.802	14.49	51.09	0.53	7.7	111.54	0.52	43.14
0.81	14.49	51.09	0.5	7.7	111.44	0.51	43.14
0.839	14.49	51.09	0.5	7.7	110.77	0.56	43.14
0.897	14.49	51.09	0.46	7.7	104.83	0.53	43.14
0.949	14.49	51.09	0.46	7.69	109.04	0.56	43.14
0.955	14.49	51.09	0.61	7.68	99.71	0.53	43.14
0.963	14.49	51.09	0.5	7.68	103.52	0.53	43.14
1.01	14.49	51.09	0.46	7.68	104.56	0.56	43.14
1.064	14.49	51.09	0.46	7.69	105.41	0.55	43.14
1.089	14.49	51.09	0.46	7.68	103.5	0.56	43.14
1.094	14.49	51.09	0.5	7.69	99.55	0.54	43.14
1.102	14.49	51.09	0.57	7.69	93.31	0.58	43.14
1.133	14.49	51.09	0.5	7.69	97.2	0.55	43.14
1.178	14.49	51.09	0.46	7.68	101.97	0.58	43.14
1.211	14.49	51.09	0.57	7.67	99.94	0.55	43.14
1.221	14.49	51.09	0.46	7.67	92.54	0.53	43.14
1.239	14.49	51.09	0.42	7.67	91.9	0.55	43.14
1.282	14.49	51.09	0.5	7.67	92.02	0.55	43.14
1.318	14.49	51.09	0.46	7.67	96.82	0.56	43.14
1.334	14.49	51.09	0.42	7.67	95.21	0.53	43.14
1.337	14.49	51.09	0.46	7.68	86.62	0.56	43.14
1.352	14.49	51.09	0.72	7.68	87.53	0.55	43.14
1.387	14.49	51.09	0.53	7.68	91.26	0.58	43.14
1.424	14.49	51.08	0.5	7.68	92.67	0.57	43.14
1.446	14.49	51.08	0.53	7.68	91.58	0.58	43.14
1.456	14.49	51.08	0.46	7.68	83.26	0.54	43.14
1.468	14.49	51.08	0.46	7.68	83.53	0.56	43.14
1.497	14.49	51.09	0.46	7.67	89.73	0.56	43.14
1.529	14.49	51.08	0.57	7.67	89.0	0.48	43.14
1.553	14.49	51.08	0.53	7.66	84.76	0.54	43.14
1.566	14.49	51.08	0.42	7.66	83.22	0.53	43.14
1.584	14.49	51.08	0.5	7.67	85.54	0.53	43.14
1.611	14.49	51.09	0.61	7.67	85.29	0.56	43.14
1.636	14.49	51.09	0.61	7.67	85.58	0.65	43.15
1.652	14.49	51.09	0.53	7.68	83.41	0.56	43.15
1.668	14.49	51.09	0.5	7.69	79.96	0.57	43.14

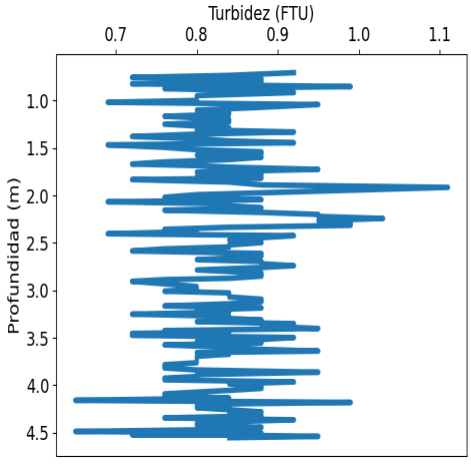
1.698	14.49	51.1	0.53	7.69	86.14	0.58	43.15
1.733	14.49	51.1	0.53	7.7	86.24	0.58	43.15
1.756	14.5	51.09	0.46	7.7	78.84	0.62	43.14
1.759	14.5	51.09	0.3	7.7	80.08	0.56	43.14
1.764	14.5	51.1	0.5	7.7	84.89	0.61	43.14
1.796	14.5	51.1	0.53	7.71	84.32	0.56	43.14
1.844	14.5	51.11	0.46	7.71	82.68	0.56	43.16
1.865	14.51	51.12	0.53	7.71	80.84	0.55	43.14
1.866	14.51	51.11	0.46	7.71	81.76	0.59	43.14
1.872	14.51	51.11	0.57	7.71	81.67	0.58	43.14
1.873	14.51	51.11	0.5	7.71	78.06	0.56	43.14
1.874	14.51	51.1	0.42	7.72	81.29	0.6	43.14

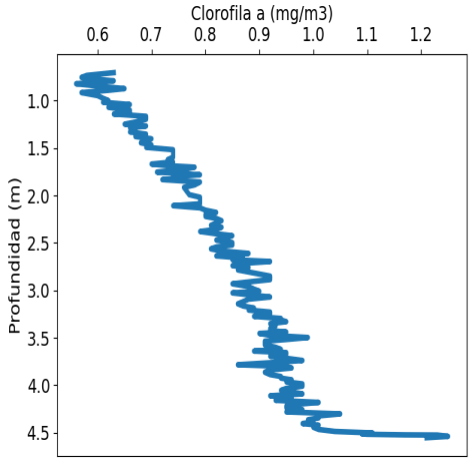
Nombre: CTD E06 - Punto 012 **Fecha: 17/02/2025** **Hora: 10:02:52**

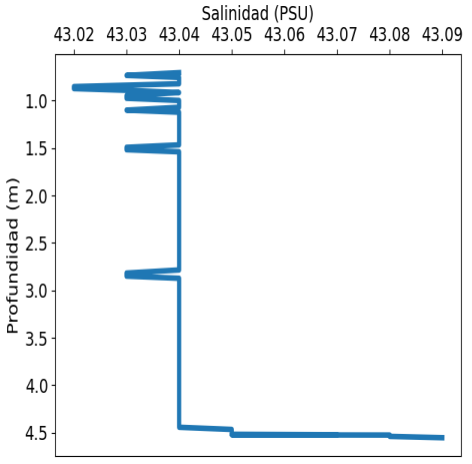


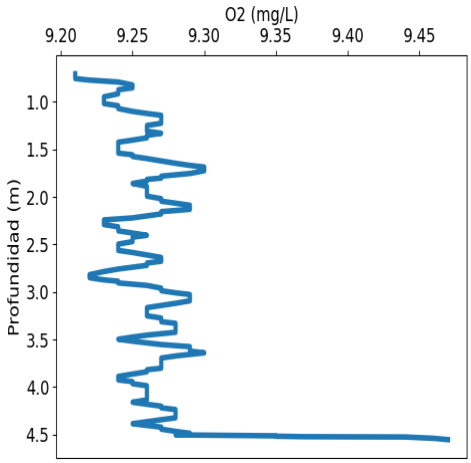


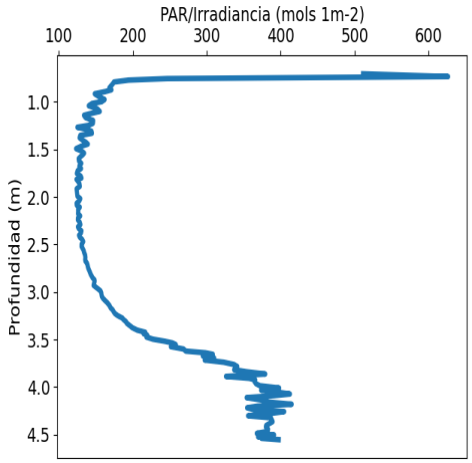












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.37	50.84	0.65	9.21	123.29	0.56	43.02
PROF (metros)	2.887	2.818	4.159	0.706	1.493	0.823	0.853
MÁXIMO	14.44	14.44	1.11	9.47	626.84	1.25	43.09
PROF (metros)	0.706	4.525	1.915	4.553	0.735	4.539	4.553

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	14.43	50.9	0.84	9.23	234.81	0.6	43.03
1 - 2m	14.39	50.86	0.83	9.26	133.42	0.71	43.04
2 - 3m	14.38	50.85	0.85	9.25	134.32	0.84	43.04
3 - 4m	14.37	50.84	0.83	9.27	251.69	0.92	43.04
4 - 5m	14.38	50.86	0.83	9.3	382.37	1.03	43.05

OBSERVACIONES GENERALES

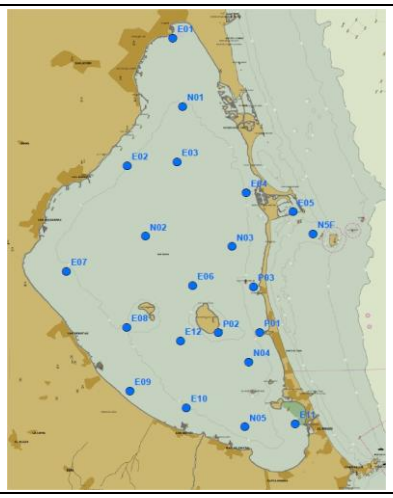
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	14.44	50.92	0.92	9.21	511.77	0.63	43.04
0.735	14.44	50.91	0.84	9.21	626.84	0.58	43.03
0.756	14.44	50.92	0.72	9.21	246.61	0.57	43.04
0.772	14.44	50.92	0.88	9.22	194.46	0.59	43.04
0.792	14.44	50.92	0.88	9.24	174.71	0.63	43.04
0.823	14.44	50.92	0.72	9.25	171.78	0.56	43.04
0.853	14.44	50.9	0.99	9.25	168.39	0.61	43.02
0.874	14.43	50.89	0.76	9.24	171.3	0.65	43.02
0.892	14.42	50.89	0.84	9.24	163.17	0.62	43.03
0.916	14.41	50.89	0.92	9.24	148.55	0.57	43.04
0.948	14.41	50.88	0.8	9.23	154.8	0.6	43.03
0.976	14.41	50.88	0.8	9.23	162.07	0.61	43.03
0.999	14.4	50.88	0.8	9.23	158.03	0.62	43.04
1.018	14.4	50.88	0.69	9.23	144.97	0.61	43.04
1.042	14.4	50.88	0.95	9.24	140.44	0.66	43.04
1.071	14.4	50.87	0.88	9.24	151.5	0.62	43.04
1.101	14.4	50.87	0.8	9.25	155.49	0.66	43.03
1.123	14.4	50.87	0.84	9.26	143.34	0.66	43.04
1.142	14.4	50.87	0.84	9.27	134.05	0.63	43.04
1.166	14.4	50.87	0.76	9.27	136.12	0.69	43.04
1.197	14.4	50.87	0.84	9.27	146.53	0.69	43.04
1.226	14.4	50.87	0.84	9.27	146.22	0.67	43.04
1.249	14.4	50.87	0.76	9.26	139.83	0.65	43.04
1.268	14.4	50.87	0.8	9.26	125.05	0.69	43.04
1.288	14.4	50.87	0.84	9.26	136.59	0.66	43.04
1.309	14.4	50.87	0.8	9.26	144.17	0.67	43.04
1.331	14.4	50.87	0.92	9.27	144.87	0.66	43.04
1.354	14.4	50.87	0.8	9.26	128.93	0.69	43.04
1.379	14.4	50.87	0.72	9.26	128.07	0.67	43.04
1.403	14.39	50.86	0.8	9.25	132.14	0.7	43.04
1.425	14.39	50.86	0.84	9.24	136.4	0.69	43.04
1.445	14.39	50.87	0.92	9.24	139.31	0.68	43.04
1.467	14.39	50.87	0.69	9.24	130.46	0.7	43.04
1.493	14.39	50.86	0.76	9.24	123.29	0.69	43.03
1.518	14.39	50.86	0.8	9.24	130.89	0.74	43.03
1.54	14.39	50.86	0.88	9.24	134.27	0.74	43.04
1.557	14.39	50.86	0.88	9.25	132.35	0.74	43.04

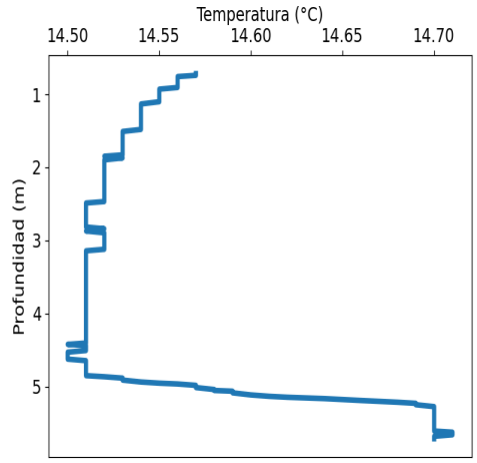
1.575	14.39	50.86	0.8	9.25	129.71	0.74	43.04
1.597	14.39	50.86	0.88	9.26	126.86	0.74	43.04
1.622	14.39	50.86	0.84	9.27	127.24	0.73	43.04
1.647	14.39	50.86	0.76	9.28	130.43	0.74	43.04
1.669	14.39	50.86	0.72	9.29	128.04	0.7	43.04
1.686	14.39	50.86	0.8	9.3	127.74	0.73	43.04
1.702	14.39	50.86	0.84	9.3	130.16	0.78	43.04
1.725	14.39	50.86	0.95	9.3	125.42	0.76	43.04
1.754	14.39	50.85	0.8	9.29	124.3	0.71	43.04
1.782	14.38	50.85	0.88	9.27	129.68	0.79	43.04
1.802	14.38	50.86	0.8	9.27	130.65	0.74	43.04
1.816	14.38	50.86	0.88	9.26	123.81	0.76	43.04
1.833	14.38	50.86	0.72	9.26	125.69	0.72	43.04
1.859	14.38	50.85	0.84	9.25	127.8	0.79	43.04
1.889	14.38	50.85	0.88	9.26	128.45	0.78	43.04
1.915	14.38	50.85	1.11	9.26	124.04	0.76	43.04
1.992	14.38	50.85	0.8	9.26	125.1	0.77	43.04
2.019	14.38	50.85	0.76	9.27	129.14	0.79	43.04
2.045	14.38	50.85	0.88	9.27	127.42	0.79	43.04
2.067	14.38	50.85	0.69	9.28	123.98	0.79	43.04
2.088	14.38	50.85	0.84	9.29	124.24	0.79	43.04
2.108	14.38	50.85	0.84	9.29	128.45	0.74	43.04
2.131	14.38	50.85	0.88	9.29	126.18	0.79	43.04
2.155	14.38	50.85	0.76	9.27	126.21	0.8	43.04
2.179	14.38	50.85	0.88	9.27	126.04	0.82	43.04
2.2	14.38	50.85	0.95	9.26	128.99	0.8	43.04
2.221	14.38	50.85	0.95	9.25	125.95	0.8	43.04
2.242	14.38	50.85	1.03	9.23	125.83	0.82	43.04
2.266	14.38	50.85	0.95	9.23	128.28	0.83	43.04
2.291	14.38	50.85	0.99	9.23	129.23	0.82	43.04
2.315	14.38	50.85	0.99	9.24	125.89	0.81	43.04
2.335	14.38	50.85	0.84	9.24	127.12	0.83	43.04
2.357	14.38	50.85	0.76	9.24	130.59	0.82	43.04
2.38	14.38	50.85	0.8	9.25	129.95	0.79	43.04
2.404	14.38	50.85	0.69	9.26	127.3	0.82	43.04
2.424	14.38	50.85	0.92	9.25	128.34	0.85	43.04
2.445	14.38	50.85	0.88	9.25	131.34	0.84	43.04
2.47	14.38	50.85	0.84	9.25	133.09	0.82	43.04
2.497	14.38	50.85	0.88	9.24	130.89	0.85	43.04
2.522	14.38	50.85	0.84	9.24	130.83	0.85	43.04
2.543	14.38	50.85	0.84	9.24	132.23	0.82	43.04
2.563	14.38	50.85	0.76	9.24	133.59	0.81	43.04
2.585	14.38	50.85	0.72	9.25	134.27	0.83	43.04
2.611	14.38	50.85	0.88	9.26	135.52	0.88	43.04
2.637	14.38	50.85	0.88	9.27	135.93	0.82	43.04
2.66	14.38	50.85	0.84	9.27	135.68	0.87	43.04
2.677	14.38	50.85	0.8	9.27	136.05	0.85	43.04
2.696	14.38	50.85	0.88	9.26	138.09	0.92	43.04
2.72	14.38	50.85	0.88	9.26	138.95	0.86	43.04
2.74	14.38	50.85	0.92	9.25	139.47	0.85	43.04
2.759	14.38	50.85	0.88	9.24	140.25	0.88	43.04
2.785	14.38	50.85	0.8	9.23	141.75	0.86	43.04
2.818	14.38	50.84	0.88	9.22	143.37	0.89	43.03
2.85	14.38	50.84	0.88	9.22	145.65	0.92	43.03
2.873	14.38	50.84	0.84	9.23	148.24	0.92	43.04
2.887	14.37	50.84	0.76	9.24	148.51	0.92	43.04
2.905	14.37	50.84	0.72	9.24	147.82	0.89	43.04
2.931	14.37	50.84	0.76	9.26	147.11	0.85	43.04

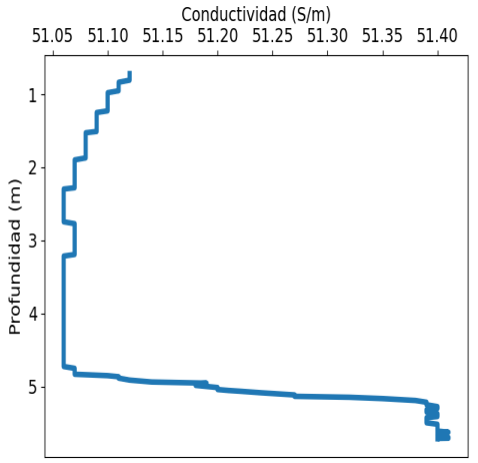
2.96	14.37	50.84	0.8	9.27	151.75	0.88	43.04
2.987	14.37	50.84	0.8	9.27	156.21	0.89	43.04
3.009	14.37	50.84	0.76	9.28	157.52	0.9	43.04
3.027	14.37	50.84	0.84	9.29	157.74	0.85	43.04
3.046	14.37	50.84	0.84	9.29	158.21	0.88	43.04
3.07	14.37	50.84	0.84	9.29	160.06	0.92	43.04
3.093	14.37	50.84	0.88	9.29	162.98	0.88	43.04
3.119	14.37	50.84	0.88	9.28	166.26	0.87	43.04
3.142	14.37	50.84	0.84	9.27	168.47	0.86	43.04
3.165	14.37	50.84	0.76	9.26	169.92	0.87	43.04
3.186	14.37	50.84	0.88	9.26	172.54	0.89	43.04
3.208	14.37	50.84	0.8	9.26	174.27	0.88	43.04
3.229	14.37	50.84	0.84	9.26	176.14	0.92	43.04
3.251	14.37	50.84	0.72	9.26	180.14	0.92	43.04
3.274	14.37	50.84	0.84	9.27	185.82	0.89	43.04
3.296	14.37	50.84	0.84	9.27	188.34	0.94	43.04
3.313	14.37	50.84	0.88	9.27	191.06	0.94	43.04
3.33	14.37	50.84	0.8	9.28	192.13	0.95	43.04
3.351	14.37	50.84	0.92	9.28	195.63	0.92	43.04
3.376	14.37	50.84	0.88	9.28	199.53	0.93	43.04
3.402	14.37	50.84	0.95	9.28	206.3	0.92	43.04
3.424	14.37	50.84	0.76	9.28	217.04	0.92	43.04
3.439	14.37	50.84	0.84	9.27	214.64	0.95	43.04
3.454	14.37	50.84	0.72	9.26	219.67	0.9	43.04
3.474	14.37	50.84	0.72	9.25	218.45	0.92	43.04
3.497	14.37	50.84	0.92	9.24	227.6	0.99	43.04
3.518	14.37	50.84	0.88	9.25	243.14	0.95	43.04
3.536	14.37	50.84	0.8	9.26	253.68	0.91	43.04
3.553	14.37	50.84	0.88	9.27	258.25	0.91	43.04
3.575	14.37	50.84	0.76	9.29	251.51	0.91	43.04
3.6	14.37	50.84	0.84	9.29	268.81	0.93	43.04
3.622	14.37	50.84	0.88	9.29	271.76	0.94	43.04
3.64	14.37	50.84	0.95	9.3	298.43	0.89	43.04
3.656	14.37	50.84	0.8	9.29	308.49	0.95	43.04
3.673	14.37	50.84	0.84	9.28	294.79	0.95	43.04
3.695	14.37	50.84	0.8	9.27	310.35	0.92	43.04
3.716	14.37	50.84	0.8	9.27	297.33	0.95	43.04
3.739	14.37	50.84	0.8	9.27	323.2	0.98	43.04
3.763	14.37	50.84	0.8	9.27	336.97	0.92	43.04
3.784	14.37	50.84	0.76	9.27	341.53	0.86	43.04
3.802	14.37	50.84	0.76	9.27	338.46	0.95	43.04
3.818	14.37	50.84	0.76	9.26	337.2	0.96	43.04
3.839	14.37	50.84	0.8	9.26	353.94	0.92	43.04
3.863	14.37	50.84	0.95	9.25	379.43	0.91	43.04
3.888	14.37	50.84	0.8	9.24	326.21	0.92	43.04
3.908	14.37	50.84	0.8	9.24	357.65	0.94	43.04
3.925	14.37	50.84	0.76	9.24	365.87	0.94	43.04
3.943	14.37	50.84	0.76	9.25	364.85	0.96	43.04
3.965	14.37	50.84	0.92	9.25	366.97	0.95	43.04
3.986	14.37	50.84	0.84	9.26	372.02	0.98	43.04
4.01	14.37	50.84	0.88	9.26	398.17	0.98	43.04
4.033	14.37	50.84	0.88	9.26	373.67	0.95	43.04
4.054	14.37	50.84	0.84	9.26	396.23	0.94	43.04
4.073	14.37	50.84	0.8	9.26	412.83	0.96	43.04
4.091	14.37	50.84	0.76	9.26	390.58	0.98	43.04
4.111	14.37	50.84	0.76	9.26	354.1	0.92	43.04
4.135	14.37	50.84	0.84	9.26	373.32	0.96	43.04
4.159	14.37	50.84	0.65	9.25	385.1	0.93	43.04

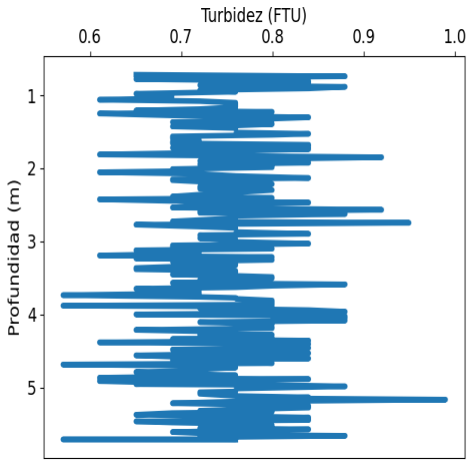
4.181	14.37	50.84	0.99	9.26	415.23	1.01	43.04
4.201	14.37	50.84	0.8	9.27	368.68	0.97	43.04
4.218	14.37	50.84	0.84	9.27	354.76	0.95	43.04
4.237	14.37	50.84	0.8	9.28	363.67	0.95	43.04
4.258	14.37	50.84	0.84	9.28	405.05	0.98	43.04
4.281	14.37	50.84	0.88	9.28	383.14	0.95	43.04
4.302	14.37	50.84	0.84	9.28	356.08	1.05	43.04
4.323	14.37	50.85	0.88	9.28	386.89	1.01	43.04
4.344	14.37	50.85	0.76	9.27	388.23	1.01	43.04
4.364	14.37	50.85	0.92	9.26	389.31	0.99	43.04
4.385	14.37	50.85	0.84	9.25	384.74	1.0	43.04
4.404	14.37	50.85	0.8	9.26	380.57	0.98	43.04
4.421	14.38	50.85	0.8	9.27	380.22	1.01	43.04
4.443	14.37	50.85	0.88	9.27	383.23	1.0	43.04
4.466	14.38	50.86	0.84	9.28	382.61	1.01	43.05
4.487	14.38	50.86	0.65	9.29	367.91	1.04	43.05
4.503	14.38	50.86	0.88	9.28	391.4	1.11	43.05
4.513	14.41	50.9	0.84	9.35	374.88	1.09	43.05
4.517	14.4	50.89	0.88	9.35	389.04	1.1	43.05
4.522	14.4	50.91	0.88	9.37	387.15	1.15	43.07
4.523	14.42	50.91	0.72	9.4	369.53	1.17	43.05
4.525	14.44	50.97	0.84	9.44	377.76	1.23	43.08
4.539	14.44	50.96	0.95	9.46	374.19	1.25	43.08
4.553	14.44	50.97	0.84	9.47	397.52	1.21	43.09

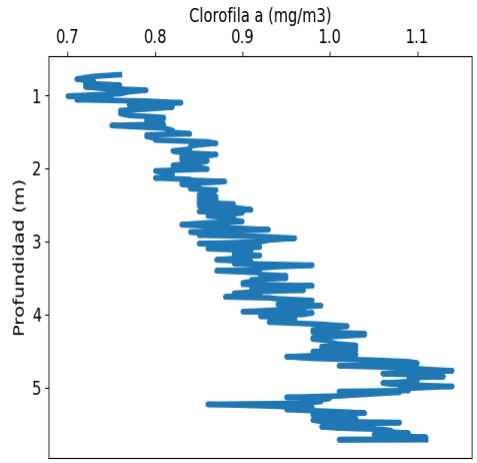
Nombre: CTD E12 - Punto 013 **Fecha: 17/02/2025** **Hora: 10:02:37**

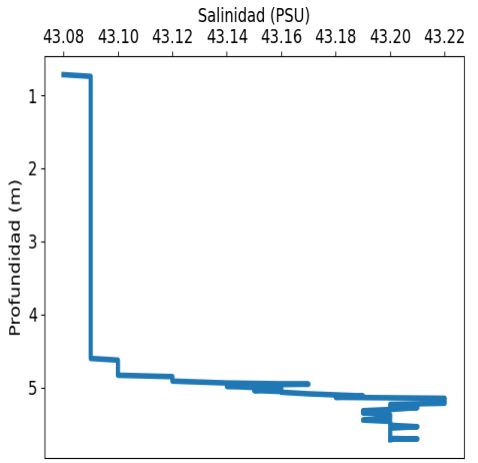


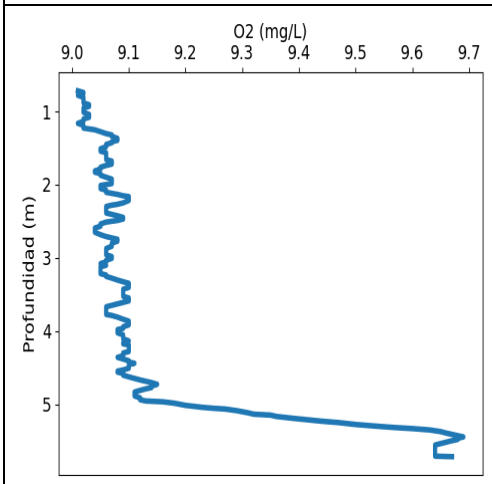


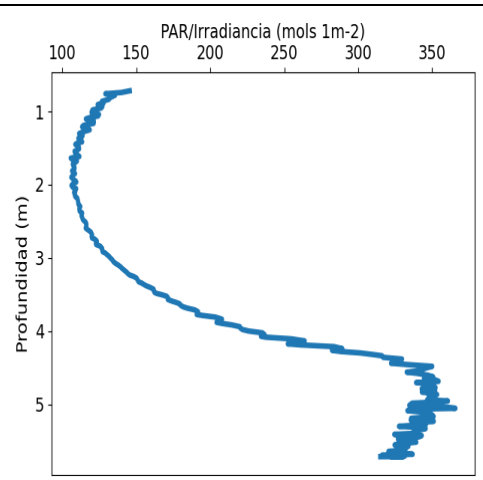












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.5	51.06	0.57	9.01	105.61	0.7	43.09
PROF (metros)	4.529	2.297	3.735	0.718	1.637	1.011	0.718
MÁXIMO	14.71	14.71	0.99	9.69	365.78	1.14	43.22
PROF (metros)	5.624	5.624	5.164	5.444	5.053	4.77	5.146

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	14.56	51.11	0.76	9.02	130.52	0.74	43.09
1 - 2m	14.53	51.09	0.75	9.05	111.76	0.81	43.09
2 - 3m	14.52	51.07	0.74	9.07	116.3	0.86	43.09
3 - 4m	14.51	51.06	0.74	9.08	171.92	0.92	43.09
4 - 5m	14.51	51.07	0.75	9.11	318.43	1.03	43.1
5 - 6m	14.68	51.37	0.76	9.55	336.06	1.02	43.2

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.718	14.57	51.12	0.65	9.01	145.58	0.76	43.08
0.741	14.57	51.12	0.88	9.02	139.89	0.73	43.09
0.758	14.56	51.12	0.72	9.02	129.02	0.72	43.09
0.779	14.56	51.12	0.65	9.01	135.61	0.71	43.09
0.807	14.56	51.12	0.84	9.02	132.63	0.73	43.09
0.836	14.56	51.11	0.84	9.02	131.28	0.72	43.09
0.861	14.56	51.11	0.72	9.02	126.68	0.76	43.09
0.884	14.56	51.11	0.88	9.02	127.92	0.72	43.09
0.907	14.56	51.11	0.84	9.03	123.78	0.74	43.09
0.93	14.55	51.11	0.72	9.03	127.12	0.79	43.09
0.952	14.55	51.11	0.76	9.02	126.36	0.77	43.09
0.979	14.55	51.1	0.65	9.02	120.35	0.76	43.09
1.011	14.55	51.1	0.69	9.02	119.66	0.7	43.09
1.04	14.55	51.1	0.69	9.03	124.84	0.75	43.09
1.061	14.55	51.1	0.61	9.03	124.24	0.71	43.09
1.08	14.55	51.1	0.72	9.03	119.05	0.79	43.09
1.102	14.55	51.1	0.76	9.02	115.84	0.83	43.09
1.133	14.54	51.1	0.76	9.02	121.34	0.77	43.09
1.162	14.54	51.1	0.76	9.01	121.19	0.82	43.09
1.189	14.54	51.1	0.72	9.02	114.35	0.79	43.09
1.209	14.54	51.1	0.65	9.02	113.26	0.76	43.09
1.227	14.54	51.1	0.8	9.02	116.38	0.76	43.09
1.25	14.54	51.09	0.61	9.04	118.56	0.76	43.09
1.276	14.54	51.09	0.69	9.05	114.27	0.77	43.09
1.302	14.54	51.09	0.84	9.06	111.26	0.81	43.09
1.32	14.54	51.09	0.8	9.07	113.79	0.81	43.09
1.339	14.54	51.09	0.8	9.07	113.53	0.79	43.09
1.367	14.54	51.09	0.69	9.08	110.75	0.79	43.09
1.394	14.54	51.09	0.8	9.08	112.01	0.81	43.09
1.414	14.54	51.09	0.76	9.07	113.45	0.75	43.09
1.427	14.54	51.09	0.69	9.07	110.64	0.77	43.09
1.449	14.54	51.09	0.76	9.06	108.69	0.81	43.09
1.481	14.54	51.09	0.76	9.06	111.11	0.82	43.09
1.509	14.53	51.09	0.76	9.05	111.36	0.82	43.09
1.527	14.53	51.08	0.84	9.05	110.18	0.84	43.09
1.542	14.53	51.08	0.8	9.05	108.21	0.79	43.09

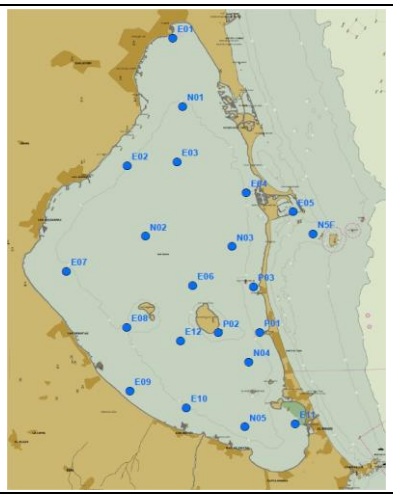
1.563	14.53	51.08	0.69	9.06	108.53	0.79	43.09
1.588	14.53	51.08	0.69	9.06	109.83	0.8	43.09
1.614	14.53	51.08	0.72	9.06	111.57	0.8	43.09
1.637	14.53	51.08	0.69	9.06	105.61	0.86	43.09
1.657	14.53	51.08	0.69	9.06	107.04	0.87	43.09
1.677	14.53	51.08	0.84	9.07	109.9	0.85	43.09
1.697	14.53	51.08	0.84	9.07	108.59	0.84	43.09
1.718	14.53	51.08	0.69	9.07	106.96	0.84	43.09
1.737	14.53	51.08	0.84	9.06	107.28	0.84	43.09
1.761	14.53	51.08	0.76	9.05	108.21	0.82	43.09
1.786	14.53	51.08	0.72	9.05	108.16	0.83	43.09
1.811	14.53	51.08	0.61	9.04	106.52	0.87	43.09
1.829	14.53	51.08	0.76	9.04	107.16	0.86	43.09
1.848	14.52	51.08	0.92	9.05	108.61	0.83	43.09
1.871	14.53	51.08	0.8	9.05	106.99	0.83	43.09
1.898	14.52	51.07	0.72	9.06	106.0	0.86	43.09
1.923	14.52	51.07	0.84	9.07	107.23	0.85	43.09
1.944	14.52	51.07	0.72	9.07	108.74	0.83	43.09
1.963	14.52	51.07	0.8	9.07	109.5	0.82	43.09
1.985	14.52	51.07	0.8	9.07	107.23	0.85	43.09
2.01	14.52	51.07	0.69	9.05	106.12	0.86	43.09
2.034	14.52	51.07	0.72	9.05	106.94	0.8	43.09
2.053	14.52	51.07	0.61	9.05	109.39	0.81	43.09
2.075	14.52	51.07	0.72	9.06	108.96	0.82	43.09
2.104	14.52	51.07	0.76	9.06	107.88	0.82	43.09
2.132	14.52	51.07	0.84	9.08	108.66	0.8	43.09
2.151	14.52	51.07	0.69	9.09	108.53	0.84	43.09
2.162	14.52	51.07	0.69	9.1	108.71	0.84	43.09
2.181	14.52	51.07	0.72	9.1	110.05	0.88	43.09
2.215	14.52	51.07	0.8	9.1	110.49	0.83	43.09
2.248	14.52	51.07	0.72	9.09	110.75	0.85	43.09
2.267	14.52	51.07	0.72	9.08	110.8	0.84	43.09
2.279	14.52	51.07	0.72	9.07	111.34	0.84	43.09
2.297	14.52	51.06	0.8	9.06	112.17	0.87	43.09
2.328	14.52	51.06	0.76	9.06	111.42	0.86	43.09
2.36	14.52	51.06	0.72	9.06	111.65	0.85	43.09
2.386	14.52	51.06	0.69	9.06	113.42	0.87	43.09
2.405	14.52	51.06	0.8	9.07	113.13	0.85	43.09
2.424	14.52	51.06	0.61	9.08	112.9	0.87	43.09
2.446	14.52	51.06	0.69	9.09	113.4	0.85	43.09
2.468	14.52	51.06	0.84	9.09	113.68	0.85	43.09
2.488	14.51	51.06	0.72	9.08	114.35	0.89	43.09
2.51	14.51	51.06	0.72	9.06	115.76	0.85	43.09
2.536	14.51	51.06	0.69	9.05	116.27	0.89	43.09
2.567	14.51	51.06	0.92	9.05	116.19	0.91	43.09
2.591	14.51	51.06	0.72	9.04	115.73	0.85	43.09
2.608	14.51	51.06	0.72	9.04	116.65	0.9	43.09
2.624	14.51	51.06	0.88	9.04	117.87	0.89	43.09
2.649	14.51	51.06	0.76	9.04	119.35	0.86	43.09
2.682	14.51	51.06	0.76	9.05	120.1	0.89	43.09
2.708	14.51	51.06	0.72	9.06	119.74	0.89	43.09
2.726	14.51	51.06	0.69	9.07	119.99	0.9	43.09
2.745	14.51	51.06	0.95	9.08	122.07	0.86	43.09
2.771	14.51	51.07	0.65	9.08	123.35	0.83	43.09
2.797	14.51	51.07	0.72	9.07	122.64	0.87	43.09
2.816	14.51	51.07	0.76	9.07	122.75	0.89	43.09
2.84	14.52	51.07	0.76	9.07	125.69	0.93	43.09
2.871	14.51	51.07	0.76	9.06	126.92	0.84	43.09

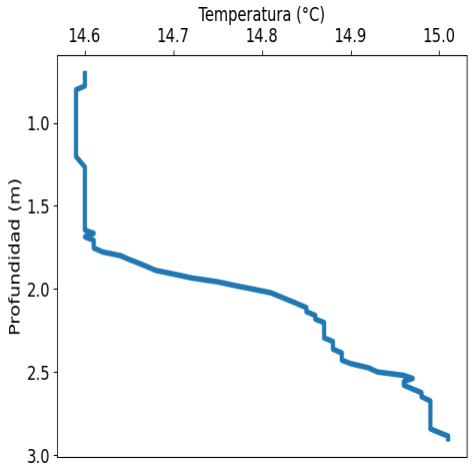
2.896	14.52	51.07	0.84	9.06	126.97	0.87	43.09
2.914	14.52	51.07	0.72	9.06	127.15	0.85	43.09
2.932	14.52	51.07	0.76	9.06	128.93	0.92	43.09
2.956	14.52	51.07	0.72	9.06	130.31	0.96	43.09
2.981	14.52	51.07	0.76	9.07	131.68	0.93	43.09
3.006	14.52	51.07	0.76	9.07	132.75	0.92	43.09
3.03	14.52	51.07	0.84	9.06	133.93	0.85	43.09
3.054	14.52	51.07	0.69	9.06	134.67	0.89	43.09
3.077	14.52	51.07	0.69	9.05	136.18	0.92	43.09
3.1	14.52	51.07	0.8	9.06	137.99	0.86	43.09
3.121	14.52	51.07	0.65	9.05	139.31	0.91	43.09
3.142	14.51	51.07	0.72	9.05	140.35	0.89	43.09
3.166	14.51	51.07	0.72	9.05	141.72	0.89	43.09
3.192	14.51	51.07	0.61	9.05	143.3	0.92	43.09
3.214	14.51	51.06	0.8	9.05	144.34	0.89	43.09
3.233	14.51	51.06	0.65	9.06	145.48	0.89	43.09
3.252	14.51	51.06	0.8	9.06	148.13	0.87	43.09
3.276	14.51	51.06	0.69	9.07	150.21	0.91	43.09
3.302	14.51	51.06	0.76	9.08	150.94	0.89	43.09
3.325	14.51	51.06	0.76	9.09	151.54	0.98	43.09
3.346	14.51	51.06	0.69	9.1	153.91	0.94	43.09
3.363	14.51	51.06	0.65	9.1	155.16	0.92	43.09
3.381	14.51	51.06	0.65	9.1	156.79	0.92	43.09
3.402	14.51	51.06	0.76	9.1	159.32	0.87	43.09
3.427	14.51	51.06	0.76	9.09	161.7	0.92	43.09
3.452	14.51	51.06	0.69	9.09	161.85	0.92	43.09
3.471	14.51	51.06	0.76	9.09	162.3	0.95	43.09
3.486	14.51	51.06	0.8	9.09	164.0	0.94	43.09
3.503	14.51	51.06	0.8	9.09	167.34	0.95	43.09
3.524	14.51	51.06	0.72	9.09	170.59	0.91	43.09
3.547	14.51	51.06	0.76	9.1	171.5	0.91	43.09
3.567	14.51	51.06	0.69	9.1	171.26	0.9	43.09
3.587	14.51	51.06	0.88	9.1	173.74	0.9	43.09
3.607	14.51	51.06	0.8	9.09	176.83	0.98	43.09
3.627	14.51	51.06	0.76	9.08	179.39	0.94	43.09
3.647	14.51	51.06	0.65	9.07	179.89	0.91	43.09
3.667	14.51	51.06	0.69	9.06	181.65	0.97	43.09
3.685	14.51	51.06	0.72	9.06	184.36	0.92	43.09
3.71	14.51	51.06	0.72	9.06	189.56	0.89	43.09
3.735	14.51	51.06	0.57	9.06	191.77	0.92	43.09
3.759	14.51	51.06	0.72	9.06	191.86	0.88	43.09
3.772	14.51	51.06	0.76	9.06	190.75	0.93	43.09
3.785	14.51	51.06	0.76	9.07	194.55	0.94	43.09
3.808	14.51	51.06	0.8	9.08	203.45	0.98	43.09
3.837	14.51	51.06	0.8	9.09	207.98	0.96	43.09
3.863	14.51	51.06	0.8	9.1	205.11	0.94	43.09
3.879	14.51	51.06	0.57	9.1	204.2	0.99	43.09
3.894	14.51	51.06	0.8	9.1	207.98	0.97	43.09
3.914	14.51	51.06	0.72	9.1	214.39	0.97	43.09
3.939	14.51	51.06	0.84	9.09	220.03	0.94	43.09
3.961	14.51	51.06	0.88	9.09	220.49	0.9	43.09
3.978	14.51	51.06	0.84	9.08	221.82	0.98	43.09
3.998	14.51	51.06	0.65	9.08	225.97	0.97	43.09
4.023	14.51	51.06	0.88	9.08	235.33	0.92	43.09
4.05	14.51	51.06	0.88	9.09	236.86	0.96	43.09
4.069	14.51	51.06	0.8	9.09	234.18	0.96	43.09
4.082	14.51	51.06	0.88	9.09	237.52	0.96	43.09
4.104	14.51	51.06	0.72	9.09	254.38	0.93	43.09

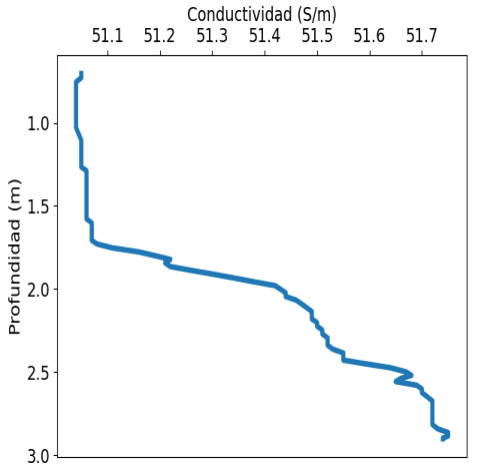
4.133	14.51	51.06	0.8	9.1	263.87	0.99	43.09
4.159	14.51	51.06	0.76	9.09	258.97	1.02	43.09
4.173	14.51	51.06	0.8	9.09	252.33	1.01	43.09
4.187	14.51	51.06	0.8	9.1	260.77	1.0	43.09
4.211	14.51	51.06	0.65	9.1	283.6	0.98	43.09
4.239	14.51	51.06	0.76	9.1	289.31	0.98	43.09
4.261	14.51	51.06	0.72	9.1	282.22	1.04	43.09
4.278	14.51	51.06	0.8	9.1	288.37	1.04	43.09
4.297	14.51	51.06	0.72	9.09	301.35	1.01	43.09
4.318	14.51	51.06	0.8	9.09	309.71	0.98	43.09
4.336	14.51	51.06	0.69	9.09	316.16	0.98	43.09
4.357	14.51	51.06	0.84	9.08	316.82	1.0	43.09
4.381	14.51	51.06	0.61	9.09	329.71	1.0	43.09
4.404	14.51	51.06	0.84	9.1	326.82	1.01	43.09
4.422	14.5	51.06	0.76	9.1	323.72	1.03	43.09
4.438	14.51	51.06	0.8	9.11	322.15	0.99	43.09
4.456	14.51	51.06	0.84	9.1	333.32	1.0	43.09
4.48	14.51	51.06	0.69	9.1	350.11	1.03	43.09
4.506	14.51	51.06	0.76	9.1	345.27	0.98	43.09
4.529	14.5	51.06	0.84	9.09	342.64	1.01	43.09
4.545	14.5	51.06	0.72	9.08	339.01	1.03	43.09
4.559	14.5	51.06	0.65	9.08	332.78	0.99	43.09
4.577	14.5	51.06	0.69	9.09	340.34	0.95	43.09
4.601	14.5	51.06	0.84	9.09	347.04	0.98	43.09
4.624	14.5	51.06	0.69	9.1	350.76	1.05	43.1
4.645	14.51	51.06	0.76	9.11	344.39	1.09	43.1
4.666	14.51	51.06	0.8	9.12	352.22	1.1	43.1
4.684	14.51	51.06	0.57	9.13	354.43	1.08	43.1
4.702	14.51	51.06	0.72	9.14	339.08	1.01	43.1
4.725	14.51	51.06	0.76	9.15	351.16	1.08	43.1
4.75	14.51	51.07	0.72	9.14	346.23	1.11	43.1
4.77	14.51	51.07	0.72	9.14	352.38	1.14	43.1
4.787	14.51	51.07	0.65	9.13	342.88	1.1	43.1
4.808	14.51	51.07	0.69	9.12	352.06	1.06	43.1
4.831	14.51	51.07	0.76	9.11	343.04	1.11	43.1
4.85	14.51	51.1	0.69	9.11	350.02	1.13	43.12
4.865	14.52	51.11	0.61	9.11	353.45	1.09	43.12
4.884	14.53	51.11	0.84	9.11	347.68	1.1	43.12
4.911	14.53	51.12	0.61	9.12	349.7	1.1	43.12
4.937	14.54	51.14	0.69	9.12	346.55	1.06	43.14
4.953	14.55	51.19	0.65	9.13	360.73	1.07	43.17
4.964	14.56	51.18	0.8	9.16	356.57	1.09	43.15
4.983	14.57	51.18	0.88	9.18	336.42	1.14	43.14
5.013	14.57	51.2	0.76	9.2	334.48	1.08	43.16
5.04	14.58	51.2	0.76	9.23	360.9	1.09	43.15
5.053	14.58	51.21	0.76	9.25	365.78	1.01	43.16
5.063	14.59	51.22	0.72	9.27	341.45	1.08	43.16
5.085	14.59	51.24	0.72	9.29	333.24	1.05	43.17
5.114	14.6	51.27	0.76	9.31	348.81	1.01	43.19
5.133	14.61	51.27	0.84	9.32	349.21	0.95	43.18
5.146	14.62	51.32	0.8	9.35	350.27	1.0	43.22
5.164	14.64	51.35	0.99	9.36	351.08	0.99	43.22
5.19	14.66	51.38	0.76	9.39	335.72	0.99	43.22
5.214	14.68	51.39	0.69	9.42	335.49	0.97	43.22
5.229	14.69	51.39	0.76	9.44	351.16	0.86	43.2
5.248	14.69	51.39	0.84	9.47	341.45	0.92	43.2
5.274	14.7	51.4	0.84	9.5	345.83	0.98	43.21
5.299	14.7	51.4	0.76	9.54	327.5	0.95	43.2

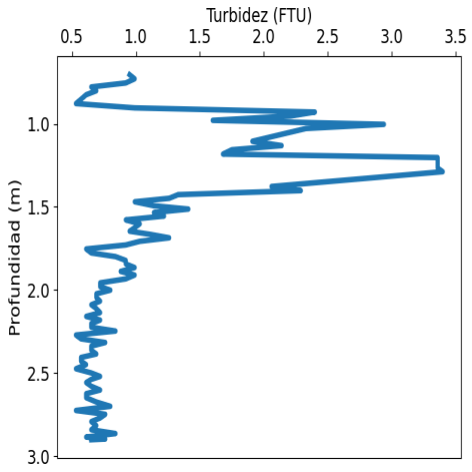
5.316	14.7	51.39	0.72	9.57	343.51	0.98	43.19
5.33	14.7	51.39	0.8	9.6	345.67	1.01	43.19
5.348	14.7	51.39	0.69	9.63	341.61	1.04	43.19
5.371	14.7	51.4	0.65	9.65	337.28	0.98	43.2
5.392	14.7	51.4	0.76	9.66	340.66	0.99	43.2
5.409	14.7	51.4	0.84	9.67	324.33	0.99	43.2
5.425	14.7	51.39	0.8	9.68	343.04	1.03	43.2
5.444	14.7	51.39	0.84	9.69	340.98	0.98	43.19
5.462	14.7	51.39	0.65	9.68	326.89	0.99	43.2
5.478	14.7	51.39	0.69	9.68	326.89	1.08	43.2
5.495	14.7	51.39	0.76	9.67	332.62	1.02	43.2
5.515	14.7	51.4	0.8	9.66	339.32	1.05	43.2
5.535	14.7	51.4	0.76	9.65	329.1	0.99	43.21
5.554	14.7	51.4	0.72	9.64	324.55	1.01	43.2
5.571	14.7	51.4	0.84	9.64	334.01	1.06	43.2
5.589	14.7	51.4	0.76	9.64	331.93	1.07	43.2
5.608	14.7	51.4	0.69	9.64	326.06	1.07	43.2
5.624	14.71	51.41	0.72	9.64	331.93	1.09	43.2
5.641	14.71	51.4	0.72	9.64	320.44	1.05	43.2
5.659	14.71	51.4	0.88	9.64	322.08	1.07	43.2
5.68	14.7	51.4	0.72	9.64	336.89	1.11	43.2
5.695	14.7	51.41	0.72	9.64	315.94	1.07	43.2
5.703	14.7	51.41	0.72	9.64	327.73	1.11	43.21
5.706	14.7	51.41	0.76	9.64	331.47	1.11	43.2
5.709	14.7	51.4	0.57	9.65	321.71	1.02	43.2
5.712	14.7	51.4	0.76	9.67	330.7	1.01	43.2
5.713	14.7	51.4	0.76	9.67	314.92	1.11	43.2

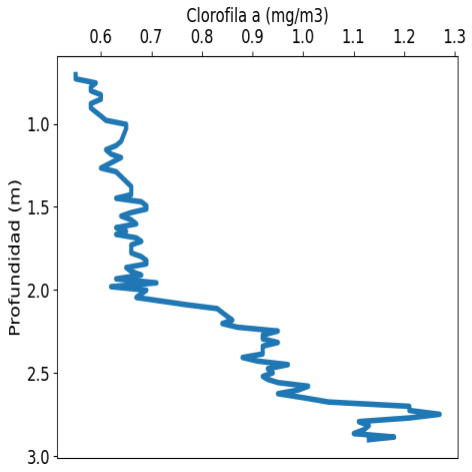
Nombre: CTD P02 - Punto 014 **Fecha: 17/02/2025** **Hora: 10:02:29**

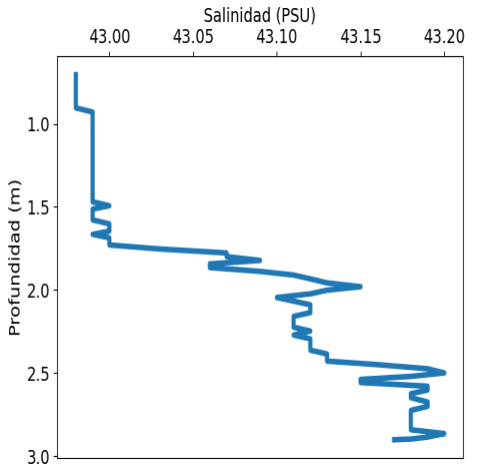


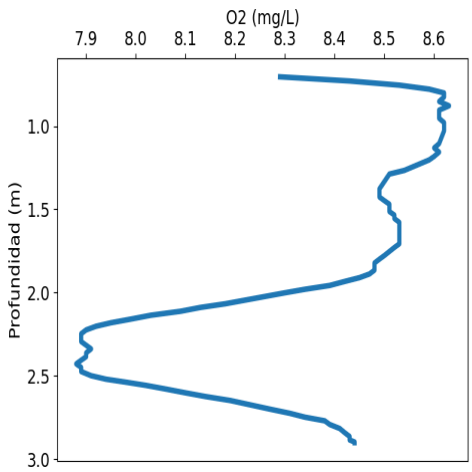


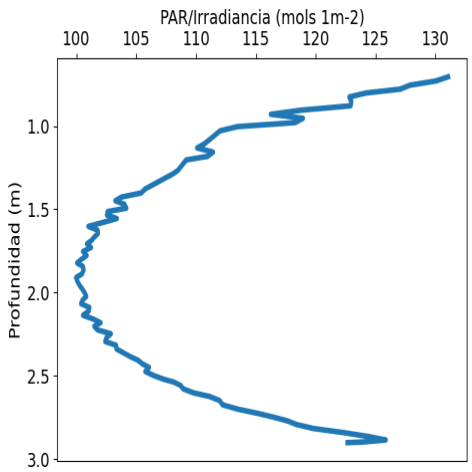


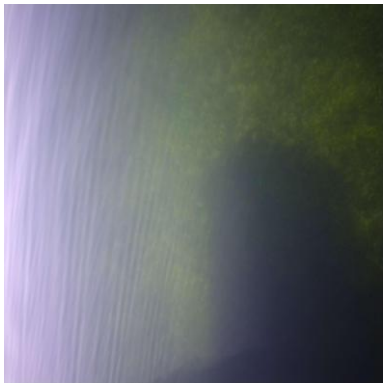












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.59	51.04	0.53	7.89	99.96	0.55	42.98
PROF (metros)	0.801	0.754	0.878	2.247	1.91	0.704	0.704
MÁXIMO	15.01	15.01	3.4	8.63	131.07	1.27	43.2
PROF (metros)	2.885	2.864	1.288	0.878	0.704	2.748	2.499

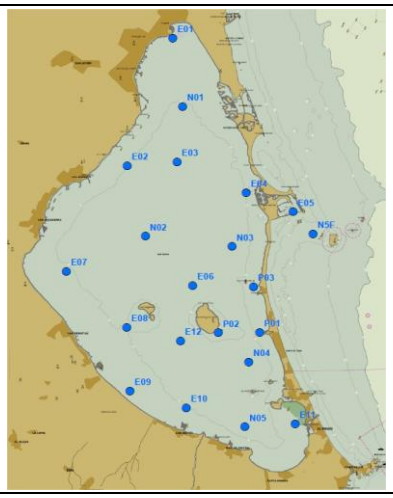
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.59	51.04	1.09	8.56	123.44	0.58	42.98
1 - 2m	14.62	51.12	1.43	8.52	103.92	0.65	43.02
2 - 3m	14.92	51.6	0.67	8.11	108.61	0.96	43.15

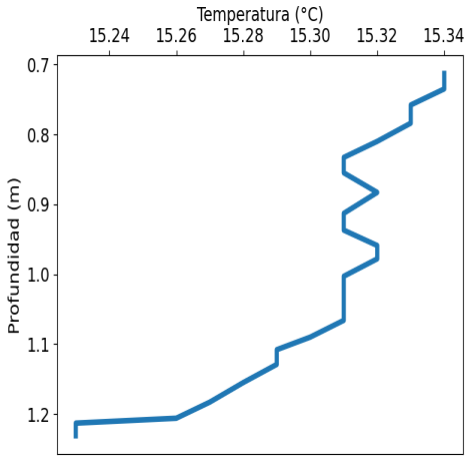
OBSERVACIONES GENERALES

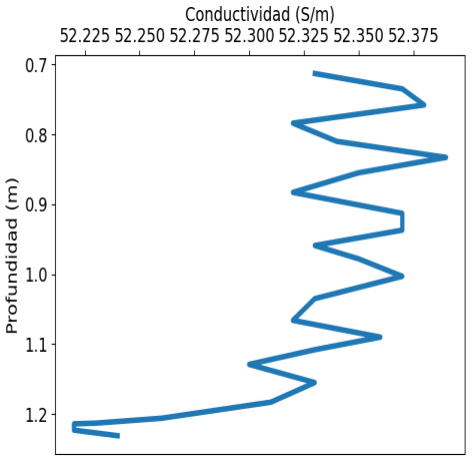
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.704	14.6	51.05	0.95	8.29	131.07	0.55	42.98
0.729	14.6	51.05	0.99	8.43	130.04	0.55	42.98
0.754	14.6	51.04	0.92	8.53	127.89	0.59	42.98
0.778	14.6	51.04	0.65	8.59	127.06	0.58	42.98
0.801	14.59	51.04	0.69	8.62	124.21	0.58	42.98
0.825	14.59	51.04	0.61	8.62	122.81	0.6	42.98
0.852	14.59	51.04	0.57	8.61	122.98	0.6	42.98
0.878	14.59	51.04	0.53	8.63	122.92	0.58	42.98
0.904	14.59	51.04	0.99	8.61	118.83	0.58	42.98
0.929	14.59	51.04	2.4	8.61	116.24	0.59	42.99
0.953	14.59	51.04	2.21	8.61	118.94	0.6	42.99
0.979	14.59	51.04	1.6	8.62	118.28	0.61	42.99
1.003	14.59	51.04	2.94	8.62	113.47	0.65	42.99
1.028	14.59	51.04	2.33	8.62	112.01	0.65	42.99
1.105	14.59	51.05	1.91	8.61	110.72	0.64	42.99
1.131	14.59	51.05	2.14	8.6	110.08	0.63	42.99
1.156	14.59	51.05	1.75	8.61	111.42	0.61	42.99
1.182	14.59	51.05	1.68	8.6	110.95	0.62	42.99
1.203	14.59	51.05	3.36	8.59	109.17	0.64	42.99
1.266	14.6	51.05	3.36	8.54	108.48	0.6	42.99
1.288	14.6	51.06	3.4	8.51	108.03	0.63	42.99
1.377	14.6	51.06	2.06	8.49	105.75	0.66	42.99
1.402	14.6	51.06	2.29	8.49	105.39	0.66	42.99
1.426	14.6	51.06	1.33	8.49	103.76	0.66	42.99
1.448	14.6	51.06	1.26	8.5	103.24	0.63	42.99
1.469	14.6	51.06	0.99	8.51	104.0	0.68	42.99
1.493	14.6	51.06	1.14	8.51	104.17	0.69	43.0
1.513	14.6	51.06	1.41	8.51	102.61	0.69	42.99
1.534	14.6	51.06	1.14	8.52	102.54	0.66	42.99
1.555	14.6	51.06	1.22	8.52	103.38	0.64	42.99
1.578	14.6	51.06	0.92	8.53	102.24	0.66	42.99
1.602	14.6	51.07	1.03	8.53	100.99	0.67	43.0
1.625	14.6	51.07	0.99	8.53	101.76	0.63	43.0
1.646	14.6	51.07	0.95	8.53	101.79	0.65	43.0
1.665	14.61	51.07	1.11	8.53	101.5	0.63	42.99
1.686	14.6	51.07	1.26	8.53	101.27	0.67	43.0
1.707	14.61	51.07	1.03	8.53	100.87	0.68	43.0
1.729	14.61	51.08	0.92	8.52	101.22	0.66	43.0
1.753	14.61	51.11	0.61	8.51	100.54	0.66	43.03

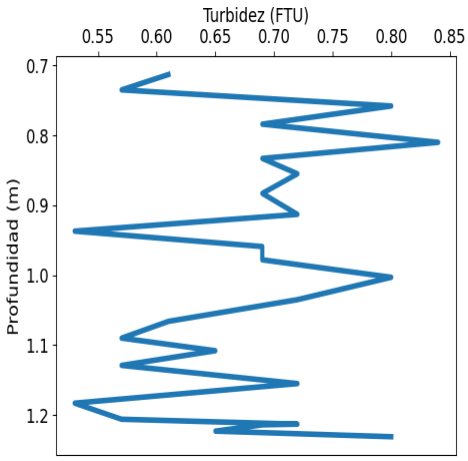
1.777	14.62	51.16	0.65	8.5	100.85	0.66	43.07
1.799	14.64	51.19	0.84	8.49	100.43	0.68	43.07
1.822	14.65	51.22	0.92	8.48	100.05	0.69	43.09
1.843	14.66	51.21	0.92	8.48	100.54	0.69	43.06
1.865	14.67	51.22	0.99	8.48	100.59	0.65	43.06
1.888	14.68	51.26	0.88	8.47	100.45	0.66	43.09
1.91	14.7	51.3	0.99	8.45	99.96	0.68	43.11
1.933	14.72	51.34	0.92	8.42	100.08	0.63	43.12
1.957	14.75	51.38	0.72	8.39	100.26	0.71	43.13
1.98	14.77	51.42	0.72	8.34	100.5	0.62	43.15
2.001	14.79	51.43	0.8	8.3	100.68	0.69	43.13
2.023	14.81	51.44	0.69	8.26	100.82	0.68	43.12
2.045	14.82	51.44	0.69	8.22	100.5	0.67	43.1
2.067	14.83	51.46	0.72	8.18	100.38	0.72	43.11
2.089	14.84	51.47	0.65	8.13	101.08	0.77	43.12
2.112	14.85	51.48	0.69	8.09	101.01	0.83	43.12
2.136	14.85	51.49	0.72	8.03	100.54	0.84	43.12
2.159	14.86	51.49	0.61	7.99	101.41	0.85	43.11
2.181	14.86	51.49	0.72	7.95	102.02	0.86	43.11
2.202	14.87	51.5	0.65	7.92	101.48	0.84	43.11
2.224	14.87	51.5	0.65	7.9	101.76	0.87	43.11
2.247	14.87	51.51	0.84	7.89	102.88	0.95	43.12
2.271	14.87	51.51	0.53	7.89	102.5	0.92	43.11
2.294	14.87	51.52	0.57	7.89	102.4	0.92	43.12
2.316	14.88	51.52	0.76	7.9	103.31	0.95	43.12
2.338	14.88	51.52	0.65	7.91	103.33	0.92	43.12
2.362	14.88	51.53	0.65	7.9	103.93	0.92	43.12
2.385	14.89	51.55	0.69	7.9	104.51	0.92	43.13
2.406	14.89	51.55	0.57	7.89	105.14	0.88	43.13
2.428	14.89	51.55	0.57	7.88	105.51	0.91	43.13
2.449	14.9	51.59	0.61	7.89	106.07	0.97	43.16
2.474	14.92	51.64	0.53	7.89	105.75	0.93	43.19
2.499	14.93	51.67	0.65	7.91	106.49	0.94	43.2
2.52	14.96	51.68	0.72	7.94	107.28	0.92	43.18
2.538	14.97	51.66	0.65	7.98	108.16	0.93	43.15
2.557	14.96	51.65	0.61	8.02	108.69	0.95	43.15
2.579	14.96	51.69	0.65	8.06	108.94	1.01	43.19
2.602	14.97	51.7	0.72	8.1	109.8	0.99	43.19
2.624	14.98	51.7	0.61	8.14	111.13	0.95	43.18
2.648	14.98	51.71	0.61	8.19	111.96	1.0	43.18
2.674	14.99	51.72	0.69	8.23	112.22	1.05	43.19
2.7	14.99	51.72	0.8	8.27	113.5	1.21	43.19
2.725	14.99	51.72	0.53	8.31	115.14	1.21	43.18
2.748	14.99	51.72	0.76	8.34	116.46	1.27	43.18
2.77	14.99	51.72	0.72	8.38	117.62	1.21	43.18
2.792	14.99	51.72	0.65	8.39	118.39	1.11	43.18
2.816	14.99	51.72	0.69	8.41	119.8	1.13	43.18
2.841	14.99	51.73	0.65	8.42	122.35	1.12	43.18
2.864	15.0	51.75	0.84	8.43	124.38	1.1	43.2
2.885	15.01	51.75	0.61	8.43	125.86	1.18	43.19
2.897	15.01	51.74	0.76	8.44	123.95	1.14	43.18
2.901	15.01	51.74	0.65	8.44	122.66	1.13	43.17

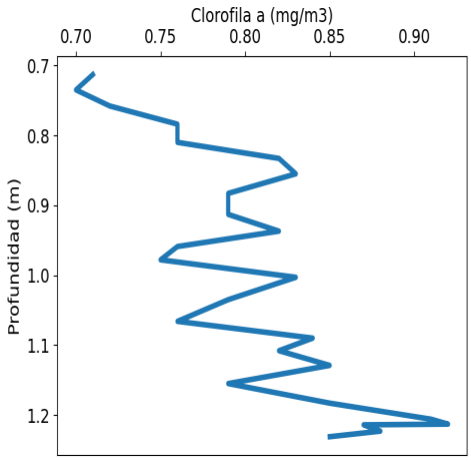
Nombre: CTD P01 - Punto 015 **Fecha: 17/02/2025** **Hora: 10:02:41**

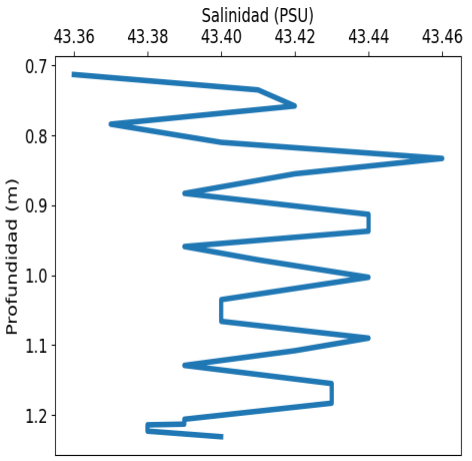


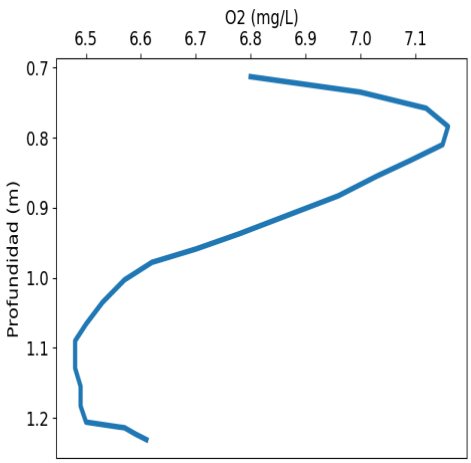


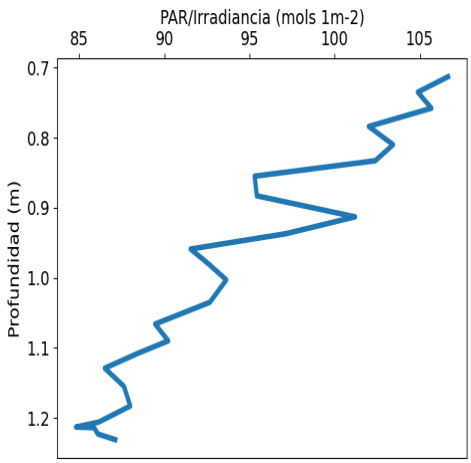


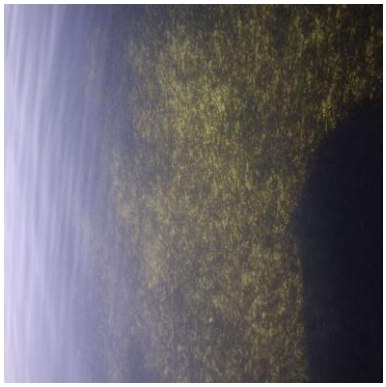












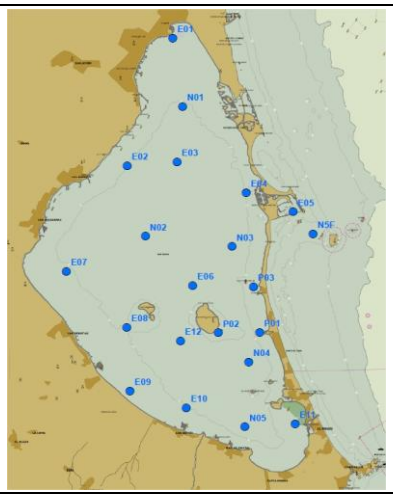
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.23	52.22	0.53	6.48	84.81	0.7	43.36
PROF (metros)	1.213	1.214	0.937	1.09	1.213	0.735	0.713
MÁXIMO	15.34	15.34	0.84	7.16	106.66	0.92	43.46
PROF (metros)	0.713	0.833	0.81	0.784	0.713	1.213	0.833

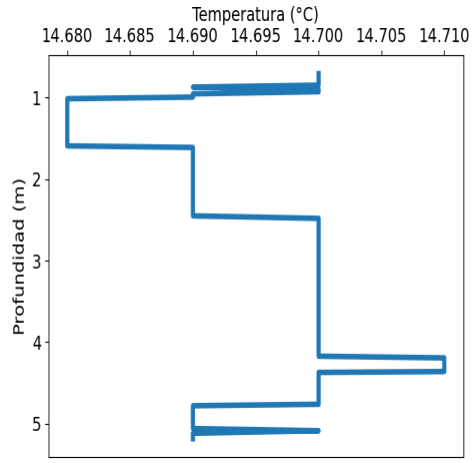
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.32	52.35	0.69	6.94	99.85	0.77	43.41
1 - 2m	15.27	52.29	0.66	6.53	88.2	0.84	43.41

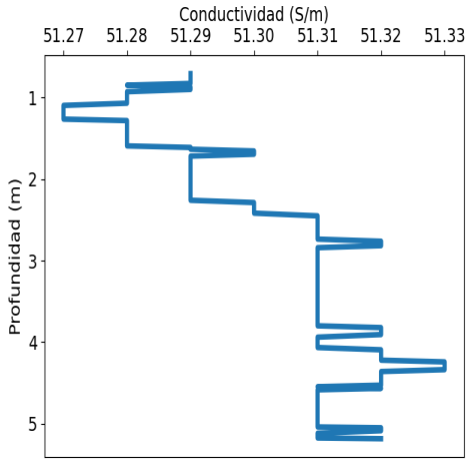
OBSERVACIONES GENERALES

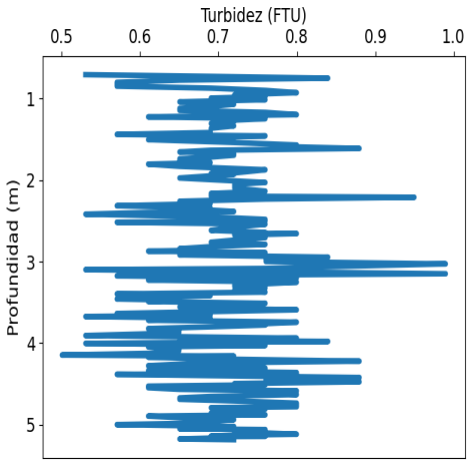
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	15.34	52.33	0.61	6.8	106.66	0.71	43.36
0.735	15.34	52.37	0.57	7.0	104.88	0.7	43.41
0.758	15.33	52.38	0.8	7.12	105.68	0.72	43.42
0.784	15.33	52.32	0.69	7.16	102.0	0.76	43.37
0.81	15.32	52.34	0.84	7.15	103.43	0.76	43.4
0.833	15.31	52.39	0.69	7.09	102.38	0.82	43.46
0.855	15.31	52.35	0.72	7.03	95.3	0.83	43.42
0.883	15.32	52.32	0.69	6.96	95.43	0.79	43.39
0.913	15.31	52.37	0.72	6.86	101.2	0.79	43.44
0.937	15.31	52.37	0.53	6.78	97.15	0.82	43.44
0.959	15.32	52.33	0.69	6.7	91.54	0.76	43.39
0.978	15.32	52.35	0.69	6.62	92.49	0.75	43.41
1.003	15.31	52.37	0.8	6.57	93.64	0.83	43.44
1.035	15.31	52.33	0.72	6.53	92.67	0.79	43.4
1.066	15.31	52.32	0.61	6.5	89.46	0.76	43.4
1.09	15.3	52.36	0.57	6.48	90.23	0.84	43.44
1.108	15.29	52.33	0.65	6.48	88.43	0.82	43.42
1.129	15.29	52.3	0.57	6.48	86.5	0.85	43.39
1.155	15.28	52.33	0.72	6.49	87.63	0.79	43.43
1.183	15.27	52.31	0.53	6.49	88.0	0.85	43.43
1.206	15.26	52.26	0.57	6.5	86.14	0.91	43.39
1.213	15.23	52.23	0.72	6.56	84.81	0.92	43.39
1.214	15.23	52.22	0.69	6.57	85.88	0.87	43.38
1.223	15.23	52.22	0.65	6.59	86.1	0.88	43.38
1.231	15.23	52.24	0.8	6.61	87.12	0.85	43.4

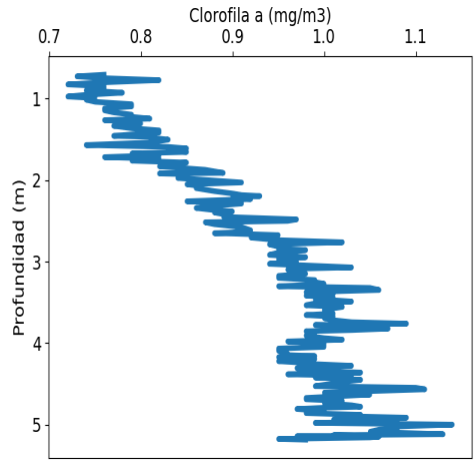
Nombre: CTD N04 - Punto 016 **Fecha: 17/02/2025** **Hora: 11:02:27**

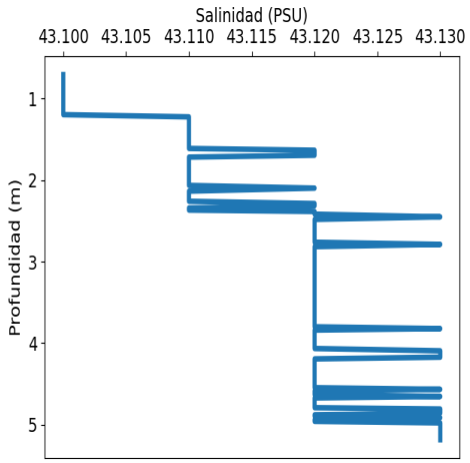


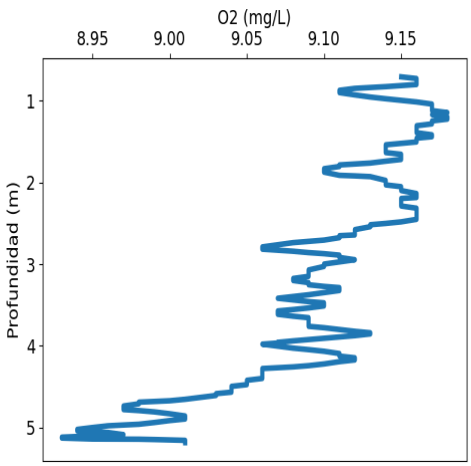


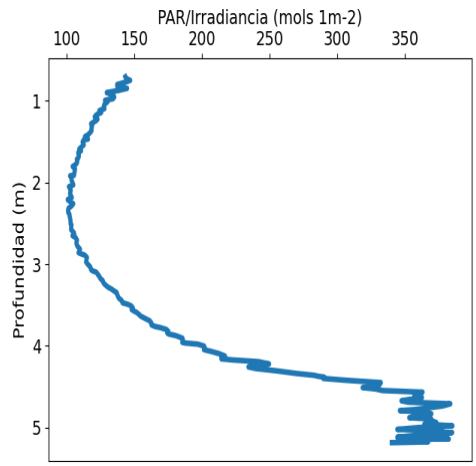












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.68	51.27	0.5	8.93	100.71	0.72	43.1
PROF (metros)	1.017	1.099	4.145	5.115	2.212	0.83	0.71
MÁXIMO	14.71	14.71	0.99	9.18	385.1	1.14	43.13
PROF (metros)	4.192	4.241	3.028	1.147	4.976	4.997	2.452

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	14.69	51.29	0.68	9.14	138.21	0.75	43.1
1 - 2m	14.68	51.28	0.7	9.15	114.22	0.8	43.11
2 - 3m	14.7	51.3	0.71	9.13	105.5	0.92	43.12
3 - 4m	14.7	51.31	0.7	9.09	150.33	1.0	43.12
4 - 5m	14.7	51.32	0.7	9.04	306.96	1.01	43.12
5 - 6m	14.69	51.31	0.72	8.97	362.36	1.04	43.13

OBSERVACIONES GENERALES

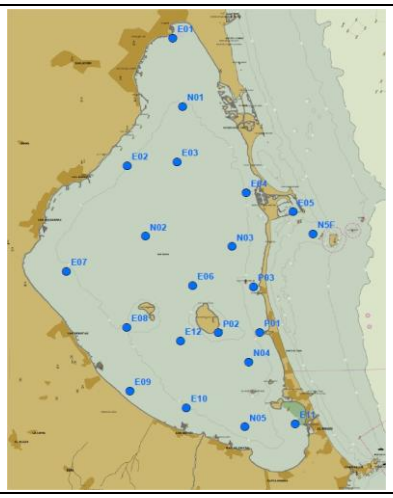
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	14.7	51.29	0.53	9.15	143.4	0.76	43.1
0.731	14.7	51.29	0.69	9.16	144.0	0.73	43.1
0.753	14.7	51.29	0.84	9.16	146.94	0.76	43.1
0.777	14.7	51.29	0.65	9.16	143.14	0.82	43.1
0.804	14.7	51.29	0.57	9.16	137.26	0.76	43.1
0.83	14.7	51.29	0.57	9.14	137.42	0.72	43.1
0.851	14.7	51.28	0.57	9.12	144.64	0.76	43.1
0.875	14.69	51.29	0.69	9.11	138.66	0.76	43.1
0.903	14.7	51.29	0.76	9.11	129.53	0.74	43.1
0.931	14.7	51.28	0.8	9.12	134.14	0.78	43.1
0.957	14.69	51.28	0.72	9.13	135.17	0.74	43.1
0.978	14.69	51.28	0.76	9.14	134.18	0.72	43.1
0.997	14.69	51.28	0.69	9.15	128.28	0.75	43.1
1.017	14.68	51.28	0.76	9.16	130.13	0.74	43.1
1.043	14.68	51.28	0.65	9.17	127.95	0.75	43.1
1.072	14.68	51.28	0.72	9.17	127.39	0.79	43.1
1.099	14.68	51.27	0.69	9.17	127.92	0.79	43.1
1.123	14.68	51.27	0.65	9.17	124.04	0.76	43.1
1.147	14.68	51.27	0.65	9.18	125.48	0.76	43.1
1.172	14.68	51.27	0.76	9.17	122.1	0.77	43.1
1.2	14.68	51.27	0.8	9.18	120.66	0.79	43.1
1.227	14.68	51.27	0.61	9.18	122.83	0.79	43.11
1.249	14.68	51.27	0.76	9.17	121.53	0.81	43.11
1.267	14.68	51.27	0.72	9.17	119.49	0.76	43.11
1.285	14.68	51.28	0.72	9.17	117.95	0.79	43.11
1.308	14.68	51.28	0.69	9.16	118.83	0.8	43.11
1.337	14.68	51.28	0.72	9.16	118.25	0.77	43.11
1.367	14.68	51.28	0.69	9.16	118.42	0.79	43.11
1.393	14.68	51.28	0.69	9.16	117.27	0.82	43.11
1.419	14.68	51.28	0.69	9.17	115.68	0.82	43.11
1.442	14.68	51.28	0.57	9.17	113.4	0.79	43.11
1.46	14.68	51.28	0.76	9.16	115.14	0.77	43.11
1.471	14.68	51.28	0.72	9.16	115.79	0.81	43.11
1.481	14.68	51.28	0.72	9.16	112.64	0.81	43.11
1.506	14.68	51.28	0.61	9.16	111.73	0.83	43.11
1.541	14.68	51.28	0.72	9.14	112.66	0.81	43.11

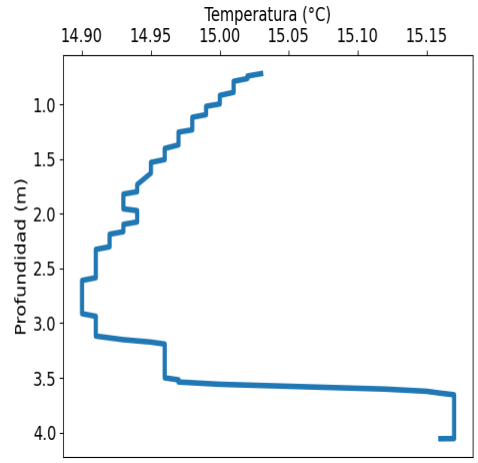
1.572	14.68	51.28	0.8	9.14	110.57	0.74	43.11
1.595	14.68	51.28	0.8	9.14	109.17	0.83	43.11
1.614	14.69	51.29	0.88	9.14	110.62	0.85	43.11
1.636	14.69	51.29	0.69	9.14	108.51	0.83	43.12
1.657	14.69	51.3	0.65	9.15	108.81	0.85	43.12
1.675	14.69	51.3	0.72	9.15	109.04	0.79	43.12
1.697	14.69	51.3	0.72	9.15	108.71	0.82	43.12
1.72	14.69	51.29	0.69	9.15	107.46	0.76	43.11
1.741	14.69	51.29	0.65	9.14	107.81	0.82	43.11
1.764	14.69	51.29	0.65	9.13	107.51	0.79	43.11
1.787	14.69	51.29	0.69	9.11	106.17	0.85	43.11
1.806	14.69	51.29	0.61	9.11	104.37	0.83	43.11
1.833	14.69	51.29	0.65	9.1	106.15	0.82	43.11
1.875	14.69	51.29	0.76	9.1	105.75	0.87	43.11
1.914	14.69	51.29	0.72	9.11	105.39	0.89	43.11
1.921	14.69	51.29	0.69	9.12	102.45	0.82	43.11
1.93	14.69	51.29	0.72	9.13	103.45	0.85	43.11
1.976	14.69	51.29	0.65	9.14	103.62	0.84	43.11
2.031	14.69	51.29	0.76	9.14	104.92	0.91	43.11
2.053	14.69	51.29	0.72	9.15	101.6	0.85	43.11
2.067	14.69	51.29	0.72	9.15	102.26	0.86	43.11
2.1	14.69	51.29	0.72	9.15	103.0	0.86	43.12
2.137	14.69	51.29	0.76	9.16	102.42	0.88	43.11
2.166	14.69	51.29	0.69	9.16	103.26	0.9	43.11
2.185	14.69	51.29	0.72	9.16	103.76	0.91	43.11
2.197	14.69	51.29	0.69	9.15	101.97	0.93	43.11
2.212	14.69	51.29	0.95	9.15	100.71	0.9	43.11
2.234	14.69	51.29	0.76	9.15	102.33	0.92	43.11
2.261	14.69	51.29	0.65	9.15	104.88	0.85	43.11
2.289	14.69	51.3	0.69	9.15	103.52	0.91	43.12
2.316	14.69	51.3	0.57	9.16	101.39	0.88	43.12
2.343	14.69	51.3	0.69	9.16	100.96	0.86	43.11
2.369	14.69	51.3	0.69	9.16	101.17	0.88	43.11
2.386	14.69	51.3	0.72	9.16	101.95	0.9	43.12
2.398	14.69	51.3	0.61	9.16	102.05	0.88	43.12
2.419	14.69	51.3	0.53	9.16	102.26	0.89	43.12
2.452	14.69	51.31	0.69	9.16	102.66	0.89	43.13
2.483	14.7	51.31	0.76	9.15	102.88	0.97	43.12
2.502	14.7	51.31	0.76	9.14	102.81	0.96	43.12
2.518	14.7	51.31	0.57	9.13	103.55	0.87	43.12
2.542	14.7	51.31	0.76	9.13	103.35	0.88	43.12
2.578	14.7	51.31	0.72	9.12	103.26	0.91	43.12
2.617	14.7	51.31	0.69	9.12	105.39	0.92	43.12
2.643	14.7	51.31	0.76	9.12	105.58	0.9	43.12
2.652	14.7	51.31	0.72	9.11	104.24	0.88	43.12
2.657	14.7	51.31	0.8	9.11	104.75	0.9	43.12
2.676	14.7	51.31	0.72	9.11	106.62	0.95	43.12
2.706	14.7	51.31	0.76	9.1	107.63	0.92	43.12
2.737	14.7	51.31	0.72	9.08	107.14	0.95	43.12
2.763	14.7	51.32	0.69	9.07	107.43	1.02	43.12
2.789	14.7	51.32	0.76	9.06	108.38	0.94	43.13
2.817	14.7	51.32	0.69	9.06	109.83	0.95	43.12
2.842	14.7	51.31	0.65	9.08	109.29	0.95	43.12
2.859	14.7	51.31	0.69	9.09	108.71	0.98	43.12
2.872	14.7	51.31	0.61	9.1	110.36	0.97	43.12
2.89	14.7	51.31	0.76	9.11	113.32	0.95	43.12
2.918	14.7	51.31	0.65	9.11	114.96	0.94	43.12
2.946	14.7	51.31	0.84	9.12	114.64	0.98	43.12

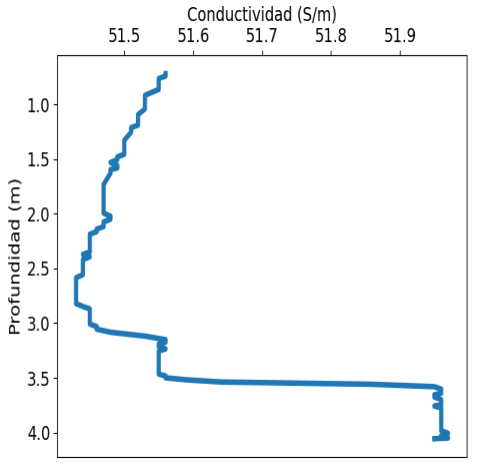
2.972	14.7	51.31	0.76	9.11	114.32	0.95	43.12
2.999	14.7	51.31	0.76	9.1	115.44	0.97	43.12
3.028	14.7	51.31	0.99	9.1	117.19	0.94	43.12
3.071	14.7	51.31	0.8	9.09	118.12	1.03	43.12
3.084	14.7	51.31	0.76	9.09	119.41	0.98	43.12
3.099	14.7	51.31	0.53	9.09	121.9	0.96	43.12
3.149	14.7	51.31	0.99	9.09	124.04	0.98	43.12
3.175	14.7	51.31	0.57	9.08	124.84	0.95	43.12
3.2	14.7	51.31	0.8	9.08	126.56	0.95	43.12
3.226	14.7	51.31	0.61	9.09	127.09	0.99	43.12
3.252	14.7	51.31	0.8	9.09	128.39	0.99	43.12
3.272	14.7	51.31	0.76	9.1	129.89	1.0	43.12
3.287	14.7	51.31	0.72	9.11	131.01	0.98	43.12
3.302	14.7	51.31	0.72	9.11	132.91	0.95	43.12
3.322	14.7	51.31	0.76	9.11	134.49	1.05	43.12
3.348	14.7	51.31	0.72	9.1	136.94	1.06	43.12
3.374	14.7	51.31	0.76	9.09	137.39	0.98	43.12
3.396	14.7	51.31	0.57	9.08	137.9	1.01	43.12
3.417	14.7	51.31	0.69	9.07	138.63	0.98	43.12
3.438	14.7	51.31	0.61	9.08	140.18	1.01	43.12
3.458	14.7	51.31	0.57	9.09	141.06	0.99	43.12
3.473	14.7	51.31	0.65	9.1	141.29	1.01	43.12
3.489	14.7	51.31	0.61	9.1	144.87	1.03	43.12
3.511	14.7	51.31	0.76	9.1	147.72	0.99	43.12
3.535	14.7	51.31	0.69	9.09	148.86	0.98	43.12
3.555	14.7	51.31	0.65	9.08	147.96	1.02	43.12
3.572	14.7	51.31	0.69	9.07	149.62	1.01	43.12
3.591	14.7	51.31	0.8	9.07	151.75	1.0	43.12
3.613	14.7	51.31	0.69	9.07	153.34	1.0	43.12
3.636	14.7	51.31	0.57	9.08	154.73	1.01	43.12
3.655	14.7	51.31	0.69	9.09	156.97	0.98	43.12
3.673	14.7	51.31	0.53	9.09	159.06	1.01	43.12
3.694	14.7	51.31	0.69	9.09	161.44	1.0	43.12
3.718	14.7	51.31	0.61	9.09	162.49	1.01	43.12
3.742	14.7	51.31	0.8	9.09	162.6	1.03	43.12
3.76	14.7	51.31	0.76	9.09	164.88	1.09	43.12
3.777	14.7	51.31	0.76	9.1	169.41	0.99	43.12
3.799	14.7	51.31	0.69	9.11	173.66	1.04	43.12
3.821	14.7	51.32	0.61	9.12	175.08	1.07	43.13
3.839	14.7	51.32	0.65	9.13	174.19	1.03	43.12
3.853	14.7	51.32	0.65	9.13	175.2	0.98	43.12
3.874	14.7	51.32	0.65	9.12	180.64	0.99	43.12
3.906	14.7	51.32	0.53	9.1	185.61	0.98	43.12
3.938	14.7	51.31	0.8	9.08	185.95	1.0	43.12
3.956	14.7	51.31	0.69	9.07	185.35	1.02	43.12
3.964	14.7	51.31	0.65	9.07	187.51	1.0	43.12
3.978	14.7	51.31	0.84	9.06	196.86	0.96	43.12
4.002	14.7	51.31	0.53	9.07	201.57	1.0	43.12
4.027	14.7	51.31	0.76	9.08	202.09	1.0	43.12
4.045	14.7	51.31	0.61	9.09	201.38	1.0	43.12
4.065	14.7	51.31	0.65	9.1	206.3	0.95	43.12
4.093	14.7	51.32	0.65	9.11	212.41	0.95	43.13
4.124	14.7	51.32	0.61	9.11	217.04	0.96	43.13
4.145	14.7	51.32	0.5	9.12	214.29	0.96	43.13
4.158	14.7	51.32	0.72	9.12	214.29	0.99	43.13
4.171	14.7	51.32	0.61	9.12	222.75	0.95	43.13
4.192	14.71	51.32	0.69	9.11	241.74	0.99	43.12
4.22	14.71	51.32	0.88	9.1	249.6	0.95	43.12

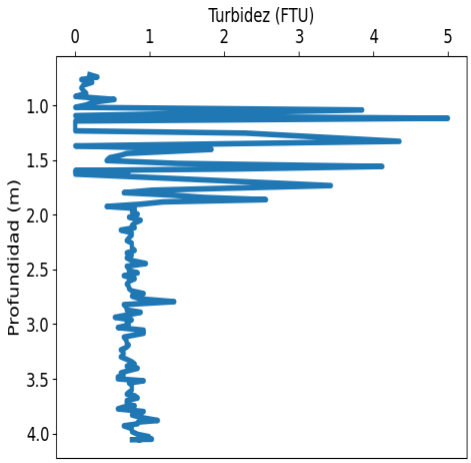
4.241	14.71	51.33	0.69	9.09	242.69	0.98	43.12
4.256	14.71	51.33	0.65	9.08	234.24	0.99	43.12
4.276	14.71	51.33	0.61	9.06	239.62	1.03	43.12
4.305	14.71	51.33	0.76	9.06	255.45	0.97	43.12
4.336	14.71	51.33	0.61	9.06	269.5	0.98	43.12
4.359	14.71	51.32	0.8	9.06	282.87	1.04	43.12
4.37	14.7	51.32	0.8	9.06	285.64	0.99	43.12
4.381	14.7	51.32	0.57	9.06	290.31	0.96	43.12
4.397	14.7	51.32	0.69	9.06	289.57	1.03	43.12
4.42	14.7	51.32	0.88	9.05	306.71	0.99	43.12
4.448	14.7	51.32	0.76	9.05	332.16	1.04	43.12
4.473	14.7	51.32	0.88	9.05	331.16	1.02	43.12
4.494	14.7	51.32	0.72	9.04	328.79	1.01	43.12
4.509	14.7	51.32	0.76	9.04	318.66	1.0	43.12
4.526	14.7	51.32	0.61	9.04	328.26	0.99	43.12
4.545	14.7	51.31	0.61	9.04	333.4	1.1	43.12
4.565	14.7	51.32	0.65	9.04	363.0	1.11	43.13
4.583	14.7	51.31	0.8	9.03	356.91	1.06	43.12
4.605	14.7	51.31	0.76	9.03	357.07	1.0	43.12
4.629	14.7	51.31	0.8	9.02	362.58	1.05	43.12
4.652	14.7	51.31	0.69	9.01	354.19	1.01	43.13
4.67	14.7	51.31	0.65	9.0	347.36	0.98	43.12
4.687	14.7	51.31	0.65	8.98	352.38	0.98	43.12
4.707	14.7	51.31	0.72	8.98	383.58	1.02	43.12
4.734	14.7	51.31	0.8	8.97	377.58	1.0	43.12
4.76	14.7	51.31	0.8	8.97	365.19	1.03	43.12
4.778	14.69	51.31	0.8	8.97	357.24	1.04	43.12
4.79	14.69	51.31	0.69	8.98	346.15	1.0	43.12
4.806	14.69	51.31	0.76	8.99	363.33	0.97	43.13
4.829	14.69	51.31	0.72	9.0	369.53	1.0	43.13
4.856	14.69	51.31	0.69	9.01	357.49	0.98	43.13
4.877	14.69	51.31	0.76	9.01	353.12	1.04	43.12
4.893	14.69	51.31	0.61	9.01	369.45	1.02	43.12
4.912	14.69	51.31	0.65	9.0	369.1	1.09	43.13
4.936	14.69	51.31	0.72	8.99	373.23	1.01	43.12
4.957	14.69	51.31	0.69	8.98	364.26	1.08	43.12
4.976	14.69	51.31	0.69	8.96	385.1	0.99	43.13
4.997	14.69	51.31	0.57	8.95	360.48	1.14	43.13
5.02	14.69	51.31	0.72	8.94	344.31	1.08	43.13
5.038	14.69	51.31	0.72	8.94	377.23	1.08	43.13
5.048	14.69	51.32	0.65	8.95	366.21	1.08	43.13
5.058	14.69	51.32	0.76	8.96	384.92	1.06	43.13
5.084	14.7	51.32	0.72	8.97	363.59	1.05	43.13
5.115	14.69	51.31	0.8	8.93	344.31	1.13	43.13
5.126	14.69	51.31	0.72	8.93	370.13	1.01	43.13
5.138	14.69	51.31	0.69	8.95	382.43	1.05	43.13
5.14	14.69	51.31	0.76	8.98	361.65	0.97	43.13
5.144	14.69	51.31	0.69	8.99	344.79	1.06	43.13
5.154	14.69	51.31	0.72	9.01	363.75	1.05	43.13
5.173	14.69	51.31	0.65	9.01	367.14	0.95	43.13
5.182	14.69	51.32	0.72	9.01	340.27	0.98	43.13

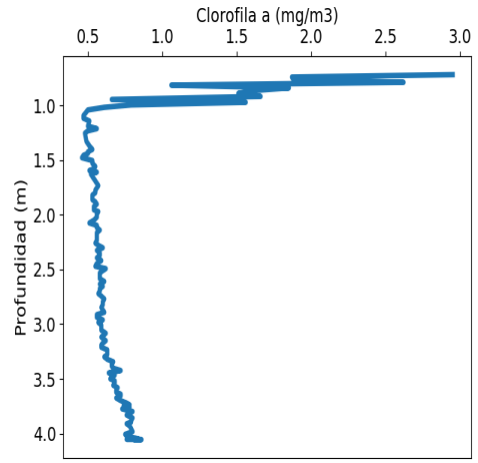
Nombre: CTD E11 - Punto 017 **Fecha: 17/02/2025** **Hora: 11:02:41**

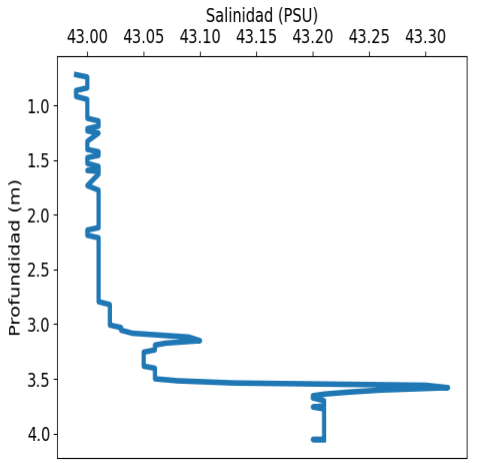


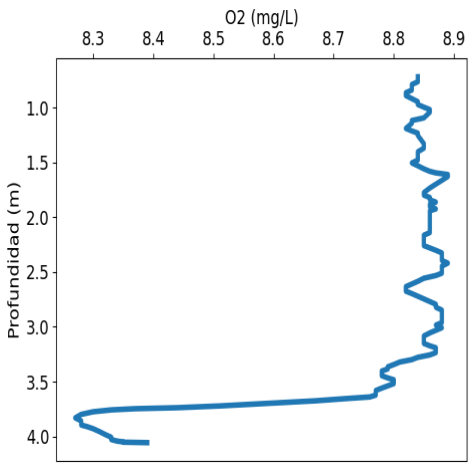


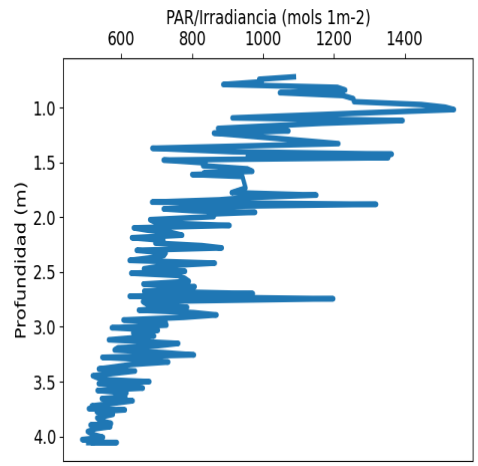


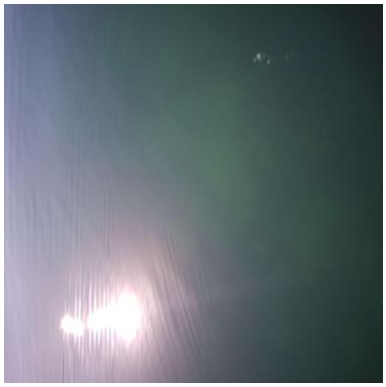












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.9	51.43	0.0	8.27	489.61	0.46	42.99
PROF (metros)	2.609	2.584	0.916	3.831	4.029	1.477	0.717
MÁXIMO	15.17	15.17	5.0	8.89	1538.9	2.95	43.32
PROF (metros)	3.655	4.008	1.116	1.609	1.016	0.717	3.581

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	15.01	51.55	0.2	8.84	1171.92	1.67	43.0
1 - 2m	14.95	51.48	1.68	8.85	983.83	0.53	43.01
2 - 3m	14.91	51.45	0.76	8.86	743.08	0.58	43.01
3 - 4m	15.05	51.73	0.74	8.66	595.87	0.69	43.14
4 - 5m	15.17	51.96	0.92	8.35	526.51	0.81	43.21

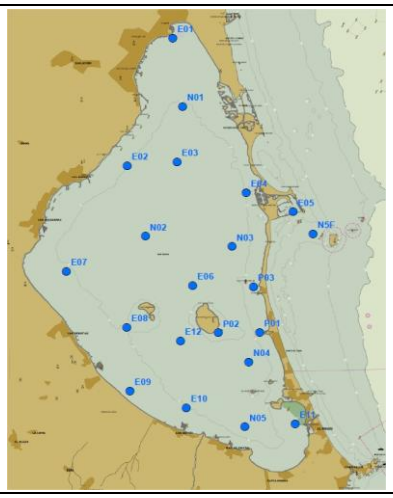
OBSERVACIONES GENERALES

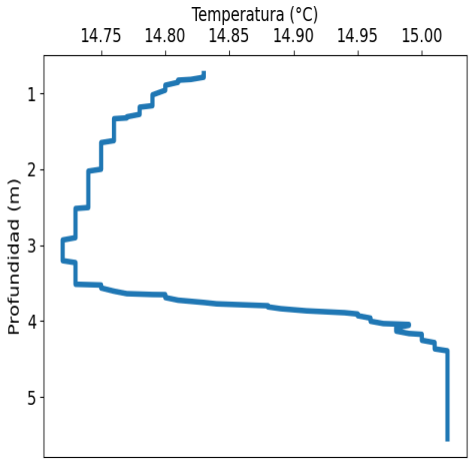
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.717	15.03	51.56	0.19	8.84	1087.5	2.95	42.99
0.739	15.02	51.56	0.3	8.84	988.9	1.87	43.0
0.762	15.02	51.55	0.08	8.84	996.95	1.88	43.0
0.787	15.01	51.55	0.23	8.83	887.45	2.62	43.0
0.813	15.01	51.55	0.11	8.83	1209.5	1.06	43.0
0.838	15.01	51.55	0.08	8.83	1232.2	1.85	43.0
0.862	15.01	51.55	0.11	8.82	1047.2	1.62	42.99
0.888	15.01	51.54	0.15	8.82	1225.3	1.51	42.99
0.916	15.0	51.53	0.0	8.83	1255.0	1.66	42.99
0.944	15.0	51.53	0.53	8.84	1256.4	0.66	43.0
0.97	15.0	51.53	0.23	8.84	1445.9	1.56	43.0
0.994	15.0	51.53	0.15	8.85	1513.8	0.79	43.0
1.016	14.99	51.53	0.0	8.86	1538.9	0.61	43.0
1.04	14.99	51.53	3.85	8.86	1338.2	0.5	43.0
1.092	14.99	51.52	0.0	8.85	913.53	0.47	43.0
1.116	14.98	51.52	5.0	8.83	1394.2	0.47	43.0
1.141	14.98	51.52	0.0	8.83	1166.9	0.51	43.01
1.188	14.98	51.52	0.0	8.82	872.76	0.5	43.01
1.211	14.98	51.51	0.0	8.83	1072.2	0.56	43.0
1.231	14.98	51.51	0.0	8.84	861.11	0.5	43.0
1.252	14.97	51.51	2.29	8.84	939.3	0.48	43.01
1.327	14.97	51.5	4.35	8.85	1212.9	0.49	43.0
1.369	14.97	51.5	0.0	8.85	687.57	0.51	43.0
1.401	14.96	51.5	1.83	8.84	914.59	0.53	43.0
1.423	14.96	51.5	1.14	8.84	1363.5	0.5	43.01
1.438	14.96	51.5	0.69	8.84	956.66	0.5	43.01
1.455	14.96	51.5	0.61	8.84	1353.5	0.47	43.01
1.477	14.96	51.49	0.46	8.84	719.36	0.46	43.0
1.503	14.96	51.49	0.42	8.83	838.07	0.53	43.0
1.529	14.95	51.48	1.37	8.84	830.72	0.53	43.0
1.557	14.95	51.49	4.12	8.85	955.77	0.55	43.01
1.58	14.95	51.49	2.14	8.86	970.28	0.54	43.01
1.594	14.95	51.48	0.0	8.87	832.84	0.51	43.0
1.601	14.95	51.48	0.72	8.88	880.28	0.53	43.01
1.609	14.95	51.48	0.0	8.89	799.92	0.56	43.01
1.627	14.95	51.48	0.0	8.89	941.92	0.52	43.01
1.732	14.94	51.47	3.43	8.86	950.91	0.57	43.0

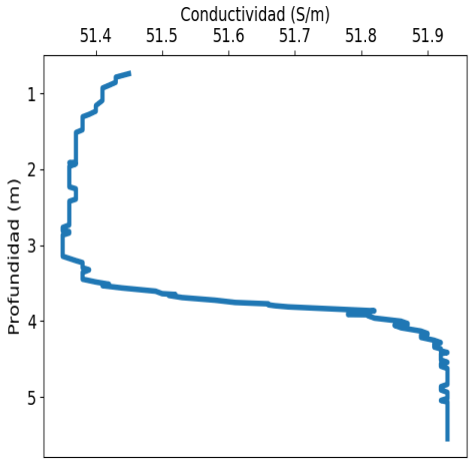
1.774	14.94	51.47	1.03	8.85	911.42	0.55	43.01
1.797	14.94	51.47	0.65	8.85	1150.8	0.55	43.01
1.819	14.93	51.47	1.3	8.86	959.77	0.53	43.01
1.84	14.93	51.47	1.72	8.86	876.61	0.53	43.01
1.861	14.93	51.47	2.56	8.87	686.77	0.53	43.01
1.881	14.93	51.47	1.18	8.86	1319.4	0.55	43.01
1.902	14.93	51.47	0.88	8.86	830.91	0.56	43.01
1.923	14.93	51.47	0.42	8.87	719.53	0.54	43.01
1.94	14.93	51.47	0.8	8.86	802.52	0.54	43.01
1.954	14.93	51.47	0.8	8.86	978.18	0.54	43.01
1.97	14.94	51.47	0.76	8.86	848.03	0.57	43.01
1.993	14.94	51.47	0.84	8.86	861.31	0.56	43.01
2.021	14.94	51.48	0.72	8.86	681.23	0.56	43.01
2.049	14.94	51.48	0.88	8.86	698.49	0.54	43.01
2.074	14.94	51.47	0.8	8.86	905.94	0.51	43.01
2.096	14.93	51.47	0.76	8.86	635.17	0.56	43.01
2.117	14.93	51.47	0.8	8.86	674.31	0.56	43.01
2.139	14.93	51.46	0.61	8.86	741.54	0.58	43.0
2.163	14.93	51.46	0.76	8.85	772.41	0.56	43.0
2.186	14.92	51.45	0.76	8.85	629.9	0.56	43.0
2.21	14.92	51.45	0.72	8.85	719.36	0.56	43.01
2.235	14.92	51.45	0.69	8.85	695.91	0.56	43.01
2.258	14.92	51.45	0.76	8.85	827.45	0.55	43.01
2.279	14.92	51.45	0.76	8.86	884.16	0.57	43.01
2.301	14.92	51.45	0.76	8.87	643.47	0.6	43.01
2.325	14.91	51.45	0.8	8.88	725.89	0.56	43.01
2.348	14.91	51.45	0.69	8.88	720.86	0.58	43.01
2.37	14.91	51.44	0.76	8.88	681.38	0.58	43.01
2.393	14.91	51.45	0.69	8.88	623.5	0.56	43.01
2.418	14.91	51.44	0.76	8.89	864.51	0.59	43.01
2.445	14.91	51.44	0.95	8.88	712.06	0.56	43.01
2.47	14.91	51.44	0.69	8.88	663.77	0.55	43.01
2.492	14.91	51.44	0.72	8.88	780.51	0.62	43.01
2.51	14.91	51.44	0.72	8.88	627.85	0.6	43.01
2.531	14.91	51.44	0.84	8.87	760.51	0.58	43.01
2.556	14.91	51.44	0.65	8.85	779.06	0.58	43.01
2.584	14.91	51.43	0.8	8.84	791.26	0.58	43.01
2.609	14.9	51.43	0.72	8.83	662.23	0.61	43.01
2.633	14.9	51.43	0.69	8.82	807.75	0.58	43.01
2.654	14.9	51.43	0.72	8.82	760.33	0.6	43.01
2.674	14.9	51.43	0.72	8.82	664.38	0.58	43.01
2.696	14.9	51.43	0.76	8.83	971.85	0.58	43.01
2.72	14.9	51.43	0.92	8.84	623.5	0.57	43.01
2.743	14.9	51.43	0.76	8.85	1198.4	0.59	43.01
2.769	14.9	51.43	0.88	8.86	661.01	0.61	43.01
2.794	14.9	51.43	1.33	8.87	672.91	0.6	43.01
2.821	14.9	51.43	0.65	8.87	786.5	0.6	43.02
2.847	14.9	51.44	0.69	8.88	649.46	0.59	43.02
2.87	14.9	51.45	0.69	8.88	804.57	0.6	43.02
2.891	14.9	51.45	0.88	8.88	869.33	0.61	43.02
2.913	14.9	51.45	0.72	8.88	776.72	0.56	43.02
2.937	14.91	51.45	0.53	8.88	606.12	0.56	43.02
2.961	14.91	51.45	0.76	8.88	725.72	0.6	43.02
2.984	14.91	51.45	0.69	8.87	728.08	0.57	43.02
3.008	14.91	51.45	0.72	8.88	573.19	0.59	43.02
3.031	14.91	51.46	0.57	8.87	704.02	0.59	43.03
3.055	14.91	51.46	0.92	8.86	633.56	0.59	43.03
3.083	14.91	51.48	0.92	8.85	693.33	0.62	43.04

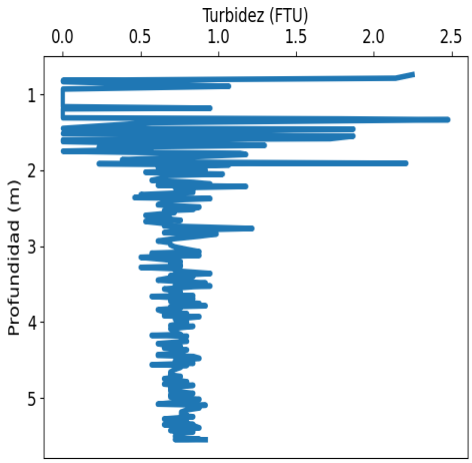
3.118	14.91	51.53	0.65	8.85	565.01	0.59	43.09
3.151	14.93	51.56	0.69	8.85	761.39	0.62	43.1
3.173	14.95	51.56	0.69	8.86	701.25	0.6	43.07
3.191	14.96	51.55	0.72	8.87	590.86	0.59	43.06
3.211	14.96	51.55	0.69	8.87	581.08	0.59	43.06
3.235	14.96	51.56	0.61	8.87	718.69	0.63	43.06
3.256	14.96	51.55	0.65	8.86	805.69	0.63	43.05
3.278	14.96	51.55	0.65	8.84	546.47	0.63	43.05
3.299	14.96	51.55	0.61	8.83	671.66	0.61	43.05
3.321	14.96	51.55	0.69	8.81	733.16	0.63	43.05
3.344	14.96	51.55	0.76	8.8	626.4	0.67	43.05
3.365	14.96	51.55	0.8	8.79	581.35	0.66	43.05
3.384	14.96	51.55	0.69	8.79	536.68	0.66	43.05
3.403	14.96	51.55	0.84	8.78	639.46	0.67	43.06
3.424	14.96	51.55	0.72	8.78	582.03	0.72	43.06
3.446	14.96	51.55	0.61	8.78	519.54	0.64	43.06
3.466	14.96	51.55	0.65	8.79	534.69	0.68	43.06
3.483	14.96	51.56	0.57	8.8	560.32	0.66	43.06
3.5	14.96	51.56	0.57	8.8	679.96	0.65	43.06
3.518	14.97	51.59	0.92	8.8	536.3	0.68	43.08
3.538	14.97	51.64	0.72	8.79	606.4	0.68	43.13
3.559	15.0	51.86	0.76	8.78	661.47	0.67	43.3
3.581	15.06	51.95	0.76	8.77	533.08	0.7	43.32
3.603	15.12	51.96	0.76	8.77	615.46	0.69	43.26
3.623	15.15	51.96	0.72	8.77	583.65	0.69	43.23
3.64	15.16	51.96	0.69	8.76	612.19	0.72	43.21
3.655	15.17	51.95	0.8	8.72	544.95	0.72	43.2
3.675	15.17	51.95	0.84	8.67	632.82	0.69	43.2
3.699	15.17	51.96	0.69	8.59	575.19	0.72	43.21
3.722	15.17	51.96	0.69	8.51	516.54	0.76	43.21
3.738	15.17	51.96	0.72	8.44	537.92	0.78	43.21
3.747	15.17	51.96	0.8	8.37	508.46	0.74	43.21
3.758	15.17	51.95	0.65	8.33	610.92	0.78	43.2
3.775	15.17	51.96	0.57	8.3	530.86	0.73	43.21
3.799	15.17	51.96	0.92	8.28	577.06	0.8	43.21
3.831	15.17	51.96	0.76	8.27	531.97	0.76	43.21
3.858	15.17	51.96	0.92	8.28	542.3	0.8	43.21
3.881	15.17	51.96	1.11	8.28	571.86	0.79	43.21
3.896	15.17	51.96	0.84	8.28	513.08	0.79	43.21
3.911	15.17	51.96	0.84	8.29	569.75	0.76	43.21
3.93	15.17	51.96	0.65	8.3	527.92	0.78	43.21
3.955	15.17	51.96	0.76	8.31	505.41	0.79	43.21
3.983	15.17	51.96	0.76	8.32	520.63	0.8	43.21
4.008	15.17	51.97	0.84	8.33	549.26	0.75	43.21
4.029	15.17	51.96	0.99	8.33	489.61	0.77	43.21
4.043	15.17	51.96	0.95	8.34	522.32	0.82	43.21
4.05	15.17	51.97	1.03	8.35	515.82	0.84	43.21
4.053	15.17	51.96	1.03	8.35	524.99	0.76	43.21
4.055	15.17	51.95	0.84	8.37	515.11	0.85	43.2
4.056	15.17	51.95	0.88	8.38	588.13	0.86	43.21
4.057	15.16	51.95	0.76	8.39	506.82	0.82	43.21

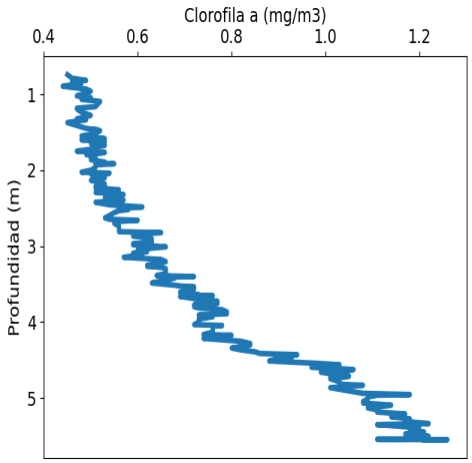
Nombre: CTD N05 - Punto 018 **Fecha: 17/02/2025** **Hora: 11:02:46**

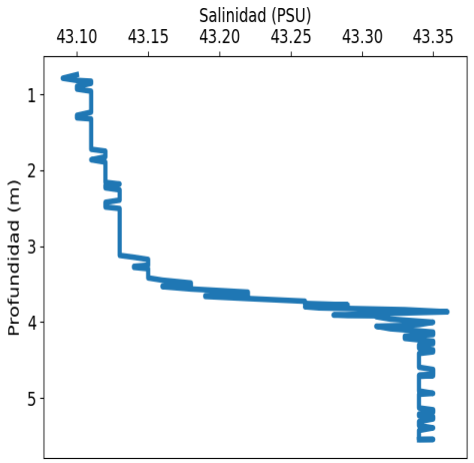


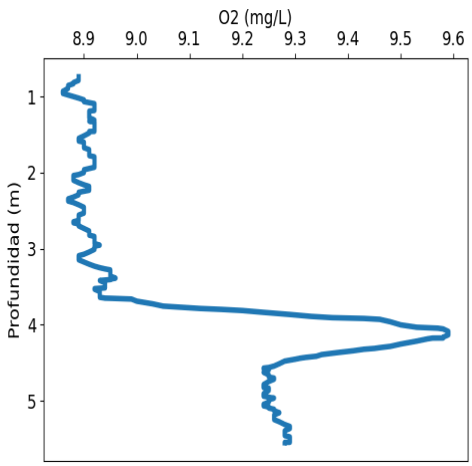


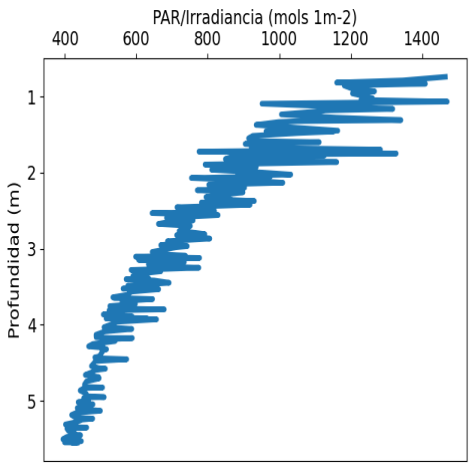












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.72	51.35	0.0	8.86	394.4	0.44	43.09
PROF (metros)	2.933	2.768	0.817	0.931	5.506	0.894	0.788
MÁXIMO	15.02	15.02	2.48	9.59	1470.5	1.26	43.36
PROF (metros)	4.393	4.415	1.335	4.089	1.067	5.55	3.866

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	14.82	51.43	1.28	8.88	1299.92	0.46	43.1
1 - 2m	14.76	51.37	1.1	8.91	970.52	0.51	43.11
2 - 3m	14.74	51.36	0.74	8.9	802.4	0.55	43.13
3 - 4m	14.79	51.5	0.74	9.03	611.86	0.69	43.2
4 - 5m	15.01	51.91	0.72	9.36	496.24	0.92	43.34
5 - 6m	15.02	51.93	0.78	9.27	434.36	1.16	43.34

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.741	14.83	51.45	2.25	8.89	1465.1	0.45	43.1
0.788	14.83	51.43	2.14	8.89	1345.9	0.46	43.09
0.817	14.82	51.43	0.0	8.88	1159.9	0.49	43.1
0.827	14.81	51.43	0.57	8.88	1304.8	0.46	43.11
0.832	14.81	51.43	0.0	8.88	1409.5	0.47	43.11
0.855	14.81	51.43	0.38	8.87	1181.0	0.48	43.11
0.894	14.8	51.42	1.07	8.87	1202.8	0.44	43.1
0.931	14.8	51.41	0.0	8.86	1267.2	0.49	43.1
0.959	14.8	51.41	0.0	8.86	1204.0	0.5	43.11
1.021	14.79	51.41	0.0	8.89	1261.4	0.47	43.11
1.044	14.79	51.41	0.0	8.9	1227.9	0.5	43.11
1.067	14.79	51.41	0.0	8.9	1470.5	0.48	43.11
1.094	14.79	51.41	0.0	8.92	951.13	0.52	43.11
1.163	14.79	51.4	0.0	8.92	1318.2	0.51	43.11
1.183	14.78	51.4	0.95	8.92	1128.8	0.47	43.11
1.192	14.78	51.4	0.0	8.91	1117.9	0.47	43.11
1.235	14.78	51.4	0.0	8.91	1005.3	0.48	43.11
1.277	14.78	51.39	0.0	8.91	1158.2	0.5	43.1
1.31	14.77	51.38	0.0	8.92	1341.0	0.48	43.1
1.324	14.77	51.38	1.79	8.91	1049.1	0.47	43.11
1.335	14.76	51.38	2.48	8.92	998.34	0.49	43.11
1.373	14.76	51.38	0.57	8.92	934.74	0.45	43.11
1.449	14.76	51.38	0.0	8.92	1164.4	0.49	43.11
1.458	14.76	51.38	1.87	8.92	962.22	0.5	43.11
1.46	14.76	51.38	1.64	8.91	1152.4	0.51	43.11
1.48	14.76	51.38	0.8	8.91	1053.2	0.52	43.11
1.517	14.76	51.37	0.0	8.9	925.9	0.51	43.11
1.55	14.76	51.37	1.87	8.89	913.53	0.48	43.11
1.585	14.76	51.37	1.72	8.89	930.42	0.53	43.11
1.6	14.76	51.37	0.0	8.9	1112.5	0.48	43.11
1.623	14.76	51.37	0.0	8.9	904.06	0.53	43.11
1.65	14.75	51.37	0.72	8.9	987.29	0.5	43.11
1.673	14.75	51.37	1.3	8.9	921.4	0.53	43.11
1.698	14.75	51.37	0.23	8.91	1283.8	0.51	43.11
1.724	14.75	51.37	0.57	8.91	774.92	0.5	43.11
1.749	14.75	51.37	0.0	8.91	1327.7	0.47	43.12

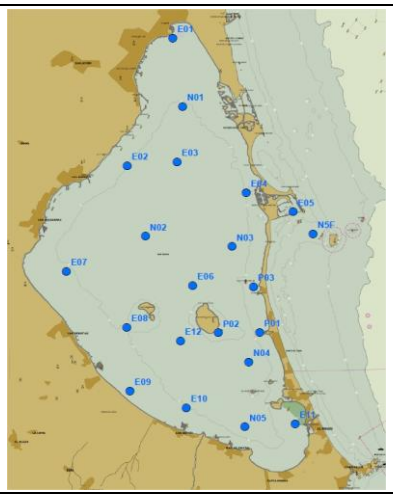
1.766	14.75	51.37	0.5	8.91	875.39	0.53	43.12
1.777	14.75	51.37	1.14	8.91	1126.7	0.52	43.12
1.793	14.75	51.37	1.18	8.92	867.12	0.49	43.12
1.823	14.75	51.37	0.84	8.92	848.62	0.51	43.12
1.862	14.75	51.37	0.38	8.92	1161.5	0.5	43.11
1.894	14.75	51.37	0.65	8.92	791.99	0.53	43.12
1.909	14.75	51.37	2.21	8.92	936.91	0.51	43.12
1.915	14.75	51.36	0.23	8.92	877.02	0.55	43.12
1.93	14.75	51.37	1.07	8.92	936.26	0.51	43.12
1.963	14.75	51.36	0.61	8.9	810.37	0.51	43.12
2.0	14.75	51.36	0.92	8.9	954.66	0.5	43.12
2.026	14.74	51.36	0.53	8.89	1032.9	0.48	43.12
2.039	14.74	51.36	0.65	8.88	883.14	0.54	43.12
2.051	14.74	51.36	1.03	8.88	976.14	0.5	43.12
2.071	14.74	51.36	0.65	8.88	753.66	0.53	43.12
2.101	14.74	51.36	0.65	8.88	907.2	0.53	43.12
2.133	14.74	51.36	0.57	8.89	1010.9	0.5	43.12
2.16	14.74	51.36	0.84	8.9	802.15	0.52	43.12
2.182	14.74	51.36	0.95	8.91	867.92	0.53	43.13
2.198	14.74	51.36	0.61	8.91	903.85	0.53	43.12
2.214	14.74	51.36	1.18	8.91	860.91	0.51	43.12
2.232	14.74	51.36	0.72	8.91	770.09	0.51	43.12
2.259	14.74	51.37	0.84	8.89	899.46	0.56	43.13
2.292	14.74	51.37	0.84	8.89	842.16	0.51	43.13
2.322	14.74	51.37	0.5	8.88	794.38	0.57	43.13
2.346	14.74	51.37	0.57	8.87	857.92	0.55	43.13
2.361	14.74	51.37	0.46	8.87	870.94	0.53	43.13
2.374	14.74	51.37	0.95	8.87	931.06	0.53	43.13
2.394	14.74	51.37	0.69	8.88	781.59	0.57	43.13
2.423	14.74	51.36	0.65	8.89	919.27	0.51	43.12
2.456	14.74	51.36	0.61	8.9	713.22	0.54	43.12
2.485	14.74	51.36	0.88	8.9	786.68	0.61	43.12
2.505	14.74	51.36	0.84	8.9	819.82	0.56	43.13
2.518	14.73	51.36	0.84	8.9	813.01	0.58	43.13
2.533	14.73	51.36	0.65	8.9	643.62	0.56	43.13
2.559	14.73	51.36	0.72	8.89	829.76	0.55	43.13
2.595	14.73	51.36	0.53	8.89	684.07	0.54	43.13
2.628	14.73	51.36	0.69	8.89	759.98	0.53	43.13
2.647	14.73	51.36	0.69	8.88	736.4	0.54	43.13
2.66	14.73	51.36	0.76	8.88	677.92	0.6	43.13
2.675	14.73	51.36	0.53	8.89	661.47	0.56	43.13
2.701	14.73	51.36	0.65	8.89	752.27	0.55	43.13
2.734	14.73	51.36	0.65	8.9	740.85	0.56	43.13
2.768	14.73	51.35	1.22	8.91	719.36	0.56	43.13
2.792	14.73	51.35	0.72	8.91	766.7	0.56	43.13
2.81	14.73	51.35	0.69	8.91	792.72	0.56	43.13
2.823	14.73	51.36	0.65	8.91	712.39	0.65	43.13
2.84	14.73	51.36	0.99	8.92	752.79	0.6	43.13
2.868	14.73	51.35	0.88	8.92	806.62	0.59	43.13
2.902	14.73	51.35	0.72	8.92	686.77	0.63	43.13
2.933	14.72	51.35	0.61	8.92	707.13	0.63	43.13
2.954	14.72	51.35	0.69	8.93	667.94	0.63	43.13
2.967	14.72	51.35	0.69	8.92	743.43	0.59	43.13
2.983	14.72	51.35	0.69	8.92	710.58	0.59	43.13
3.01	14.72	51.35	0.72	8.92	681.38	0.66	43.13
3.044	14.72	51.35	0.8	8.91	643.92	0.6	43.13
3.074	14.72	51.35	0.88	8.9	673.06	0.62	43.13
3.093	14.72	51.35	0.57	8.89	738.45	0.59	43.13

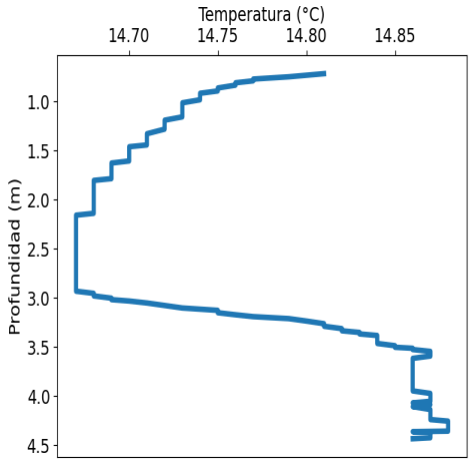
3.106	14.72	51.35	0.65	8.89	597.61	0.61	43.13
3.122	14.72	51.35	0.88	8.89	777.98	0.6	43.13
3.147	14.72	51.35	0.5	8.89	605.98	0.57	43.14
3.176	14.72	51.36	0.65	8.9	735.37	0.65	43.15
3.205	14.72	51.37	0.76	8.91	633.26	0.66	43.15
3.231	14.73	51.38	0.69	8.92	636.5	0.64	43.15
3.251	14.73	51.38	0.76	8.93	776.0	0.62	43.15
3.267	14.73	51.38	0.76	8.94	680.12	0.62	43.14
3.28	14.73	51.38	0.5	8.95	585.0	0.65	43.14
3.298	14.73	51.38	0.72	8.95	669.49	0.66	43.15
3.326	14.73	51.39	0.72	8.95	614.04	0.66	43.15
3.361	14.73	51.38	0.95	8.95	589.77	0.66	43.15
3.388	14.73	51.38	0.69	8.96	635.03	0.64	43.15
3.402	14.73	51.38	0.84	8.95	571.07	0.72	43.15
3.407	14.73	51.38	0.76	8.95	592.92	0.66	43.15
3.419	14.73	51.38	0.69	8.93	650.67	0.68	43.15
3.449	14.73	51.38	0.61	8.94	692.85	0.66	43.16
3.486	14.73	51.4	0.92	8.94	575.86	0.63	43.18
3.516	14.73	51.42	0.72	8.94	594.57	0.68	43.18
3.526	14.75	51.41	0.95	8.92	562.53	0.69	43.16
3.534	14.75	51.41	0.84	8.92	663.62	0.72	43.16
3.565	14.75	51.44	0.65	8.93	587.45	0.72	43.18
3.607	14.76	51.49	0.76	8.93	574.92	0.69	43.22
3.64	14.77	51.5	0.69	8.93	533.95	0.73	43.22
3.651	14.79	51.52	0.72	8.94	539.05	0.7	43.22
3.653	14.8	51.51	0.84	8.95	577.99	0.76	43.19
3.663	14.8	51.51	0.57	8.99	646.61	0.69	43.19
3.691	14.8	51.53	0.84	9.0	559.54	0.72	43.22
3.726	14.81	51.58	0.69	9.03	598.58	0.77	43.26
3.756	14.83	51.61	0.88	9.05	525.6	0.77	43.26
3.774	14.84	51.66	0.72	9.09	527.55	0.72	43.29
3.787	14.86	51.66	0.92	9.12	541.93	0.75	43.27
3.799	14.88	51.67	0.69	9.16	679.18	0.72	43.26
3.814	14.88	51.69	0.76	9.2	523.17	0.73	43.27
3.838	14.89	51.75	0.61	9.24	561.75	0.78	43.33
3.866	14.91	51.82	0.65	9.29	507.29	0.79	43.36
3.891	14.94	51.8	0.8	9.33	589.36	0.79	43.31
3.908	14.95	51.78	0.69	9.37	545.33	0.73	43.28
3.915	14.95	51.78	0.65	9.41	630.63	0.76	43.29
3.918	14.95	51.81	0.65	9.43	514.99	0.73	43.31
3.93	14.95	51.81	0.88	9.46	657.64	0.76	43.31
3.962	14.96	51.82	0.72	9.48	546.21	0.73	43.32
4.003	14.96	51.86	0.8	9.5	526.57	0.73	43.35
4.034	14.97	51.87	0.72	9.53	509.17	0.72	43.34
4.046	14.99	51.87	0.69	9.57	559.15	0.78	43.33
4.056	14.99	51.85	0.84	9.58	588.54	0.76	43.31
4.089	14.98	51.86	0.69	9.59	512.13	0.76	43.32
4.133	14.98	51.89	0.72	9.59	487.01	0.76	43.35
4.165	14.99	51.9	0.76	9.58	487.35	0.74	43.35
4.175	15.0	51.9	0.57	9.58	524.5	0.8	43.34
4.176	15.0	51.9	0.57	9.56	589.9	0.79	43.34
4.187	15.0	51.89	0.8	9.55	545.83	0.77	43.33
4.216	15.0	51.89	0.76	9.53	541.05	0.74	43.33
4.254	15.0	51.91	0.8	9.5	478.73	0.82	43.35
4.285	15.01	51.92	0.61	9.48	466.24	0.84	43.35
4.302	15.01	51.91	0.65	9.46	509.05	0.84	43.34
4.312	15.01	51.91	0.65	9.45	506.7	0.83	43.34
4.323	15.01	51.91	0.76	9.43	517.86	0.82	43.34

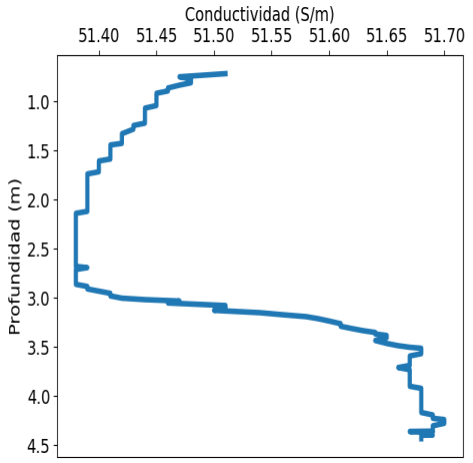
4.343	15.01	51.91	0.65	9.41	503.42	0.8	43.34
4.367	15.01	51.92	0.8	9.38	504.94	0.82	43.35
4.393	15.02	51.92	0.76	9.35	499.47	0.85	43.35
4.415	15.02	51.93	0.76	9.34	499.7	0.86	43.34
4.43	15.02	51.92	0.61	9.32	483.63	0.94	43.34
4.44	15.02	51.92	0.61	9.31	489.61	0.9	43.34
4.454	15.02	51.92	0.84	9.3	574.26	0.93	43.34
4.479	15.02	51.92	0.88	9.28	485.32	0.9	43.34
4.513	15.02	51.92	0.72	9.27	480.28	0.88	43.34
4.544	15.02	51.93	0.84	9.26	474.09	0.98	43.34
4.563	15.02	51.92	0.57	9.25	489.95	1.03	43.34
4.571	15.02	51.92	0.8	9.24	494.97	0.99	43.34
4.579	15.02	51.92	0.72	9.24	514.63	0.98	43.34
4.596	15.02	51.92	0.76	9.25	486.44	0.97	43.34
4.626	15.02	51.93	0.72	9.24	475.41	1.06	43.35
4.661	15.02	51.93	0.69	9.25	457.04	0.99	43.35
4.689	15.02	51.93	0.69	9.25	495.89	1.02	43.35
4.702	15.02	51.93	0.69	9.26	486.78	1.01	43.34
4.706	15.02	51.93	0.72	9.26	497.04	1.05	43.35
4.717	15.02	51.93	0.76	9.26	487.01	1.05	43.34
4.747	15.02	51.93	0.65	9.25	460.23	1.01	43.34
4.787	15.02	51.93	0.8	9.24	454.72	1.03	43.34
4.818	15.02	51.93	0.65	9.24	457.78	1.03	43.34
4.826	15.02	51.93	0.69	9.24	506.7	1.05	43.34
4.834	15.02	51.93	0.84	9.25	453.98	1.08	43.34
4.865	15.02	51.92	0.69	9.25	442.66	1.01	43.34
4.908	15.02	51.92	0.69	9.24	460.87	1.05	43.34
4.94	15.02	51.93	0.84	9.24	462.05	1.08	43.35
4.953	15.02	51.93	0.8	9.25	511.3	1.16	43.34
4.956	15.02	51.93	0.69	9.25	459.06	1.18	43.34
4.965	15.02	51.93	0.72	9.26	452.41	1.11	43.34
4.988	15.02	51.93	0.69	9.25	467.98	1.09	43.34
5.019	15.02	51.93	0.88	9.25	436.95	1.09	43.34
5.047	15.02	51.92	0.76	9.24	479.95	1.08	43.34
5.067	15.02	51.93	0.69	9.24	448.44	1.08	43.34
5.082	15.02	51.93	0.61	9.25	452.09	1.11	43.34
5.096	15.02	51.93	0.92	9.25	434.32	1.14	43.34
5.112	15.02	51.93	0.8	9.26	451.57	1.12	43.34
5.132	15.02	51.93	0.88	9.26	500.74	1.09	43.34
5.157	15.02	51.93	0.8	9.27	433.12	1.11	43.35
5.187	15.02	51.93	0.76	9.26	418.7	1.11	43.35
5.212	15.02	51.93	0.76	9.26	427.23	1.17	43.34
5.227	15.02	51.93	0.8	9.26	444.51	1.15	43.34
5.235	15.02	51.93	0.76	9.26	479.17	1.16	43.34
5.248	15.02	51.93	0.84	9.26	449.06	1.14	43.35
5.277	15.02	51.93	0.65	9.27	435.13	1.18	43.35
5.312	15.02	51.93	0.8	9.28	401.41	1.17	43.34
5.338	15.02	51.93	0.72	9.29	417.54	1.22	43.34
5.349	15.02	51.93	0.84	9.29	436.85	1.14	43.34
5.352	15.02	51.93	0.65	9.29	462.37	1.11	43.34
5.365	15.02	51.93	0.84	9.29	405.43	1.14	43.34
5.395	15.02	51.93	0.88	9.28	409.97	1.2	43.35
5.429	15.02	51.93	0.69	9.28	429.22	1.18	43.34
5.449	15.02	51.93	0.84	9.28	418.03	1.21	43.34
5.453	15.02	51.93	0.76	9.28	445.23	1.2	43.34
5.458	15.02	51.93	0.72	9.28	426.44	1.21	43.34
5.476	15.02	51.93	0.76	9.29	405.43	1.17	43.34
5.506	15.02	51.93	0.72	9.29	394.4	1.22	43.34

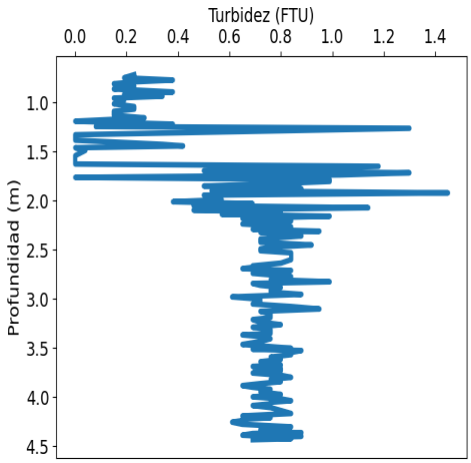
5.531	15.02	51.93	0.8	9.29	447.5	1.17	43.34
5.543	15.02	51.93	0.88	9.29	433.92	1.18	43.34
5.545	15.02	51.93	0.8	9.29	419.68	1.16	43.34
5.546	15.02	51.93	0.8	9.29	398.81	1.11	43.35
5.548	15.02	51.93	0.72	9.28	435.33	1.16	43.35
5.55	15.02	51.93	0.8	9.28	419.97	1.26	43.34
5.551	15.02	51.93	0.92	9.28	435.33	1.21	43.34

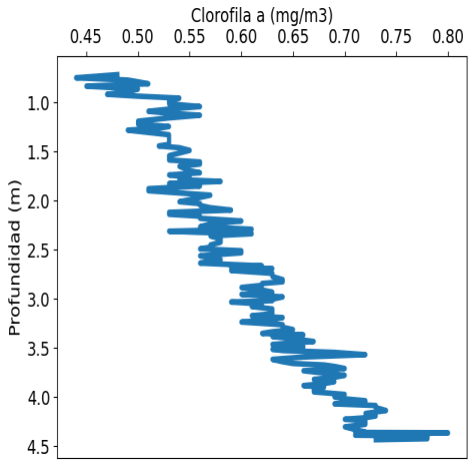
Nombre: CTD E10 - Punto 019 **Fecha: 17/02/2025** **Hora: 11:02:13**

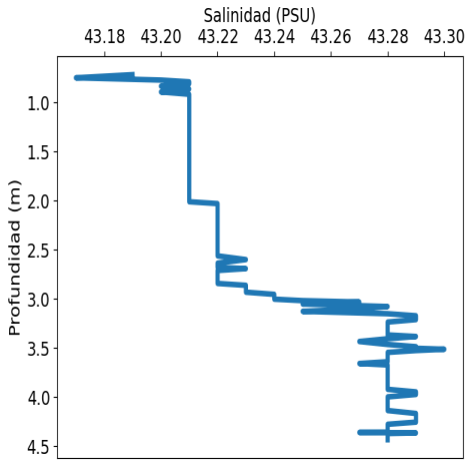


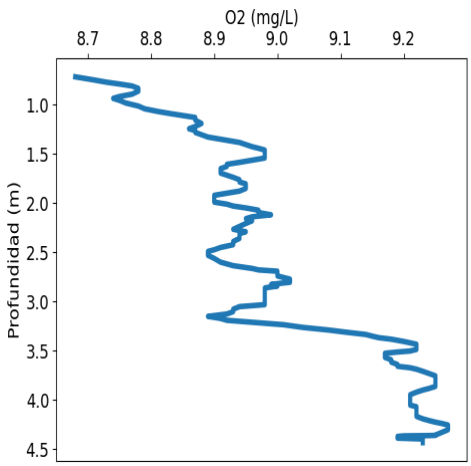


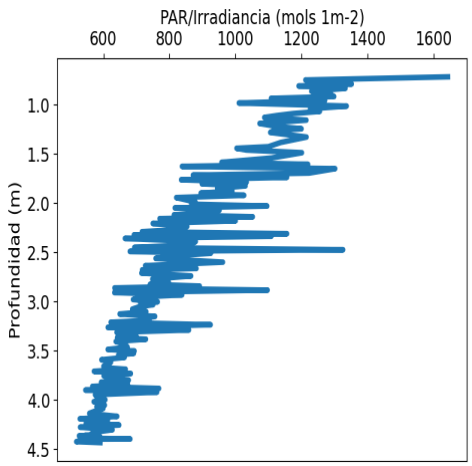


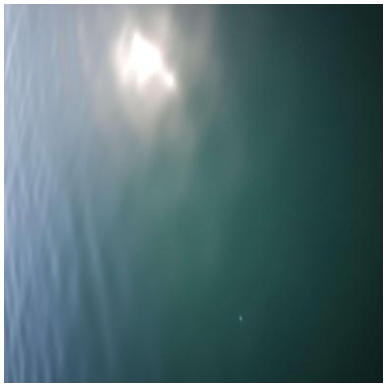












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.67	51.38	0.0	8.68	517.26	0.44	43.17
PROF (metros)	2.159	2.14	1.192	0.718	4.425	0.75	0.75
MÁXIMO	14.88	14.88	1.45	9.27	1643.2	0.8	43.3
PROF (metros)	4.256	4.24	1.922	4.256	0.718	4.366	3.514

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	14.76	51.47	0.23	8.75	1266.97	0.49	43.2
1 - 2m	14.7	51.41	0.59	8.9	1086.46	0.54	43.21
2 - 3m	14.67	51.38	0.76	8.95	844.12	0.59	43.22
3 - 4m	14.82	51.62	0.75	9.13	668.66	0.65	43.28
4 - 5m	14.87	51.68	0.75	9.23	574.52	0.73	43.28

OBSERVACIONES GENERALES

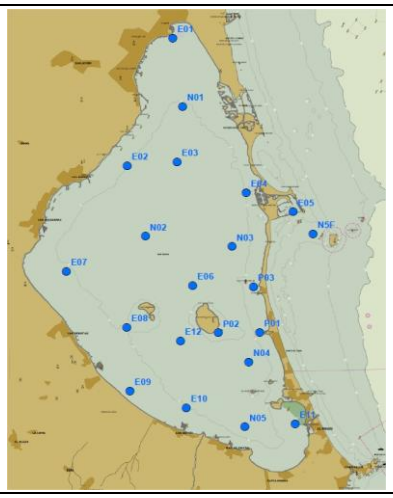
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.718	14.81	51.51	0.23	8.68	1643.2	0.48	43.19
0.75	14.79	51.47	0.19	8.71	1210.7	0.44	43.17
0.773	14.77	51.48	0.38	8.73	1271.9	0.49	43.2
0.791	14.77	51.48	0.23	8.75	1352.2	0.5	43.21
0.811	14.76	51.48	0.15	8.77	1190.1	0.51	43.21
0.835	14.76	51.47	0.23	8.78	1333.2	0.45	43.2
0.864	14.75	51.46	0.15	8.78	1228.5	0.5	43.21
0.894	14.75	51.46	0.38	8.77	1287.4	0.49	43.2
0.918	14.74	51.45	0.19	8.75	1299.0	0.47	43.21
0.937	14.74	51.45	0.34	8.74	1106.5	0.5	43.21
0.957	14.74	51.45	0.15	8.75	1271.6	0.54	43.21
0.984	14.74	51.45	0.19	8.76	1009.3	0.53	43.21
1.015	14.73	51.45	0.15	8.78	1336.9	0.53	43.21
1.043	14.73	51.45	0.23	8.79	1224.8	0.56	43.21
1.069	14.73	51.44	0.23	8.81	1255.8	0.53	43.21
1.091	14.73	51.44	0.15	8.83	1174.5	0.51	43.21
1.111	14.73	51.44	0.15	8.85	1125.7	0.53	43.21
1.131	14.73	51.44	0.15	8.87	1086.2	0.56	43.21
1.158	14.73	51.44	0.27	8.87	1214.9	0.53	43.21
1.192	14.72	51.44	0.0	8.88	1072.0	0.5	43.21
1.222	14.72	51.44	0.38	8.87	1124.6	0.5	43.21
1.246	14.72	51.43	0.08	8.86	1200.3	0.53	43.21
1.264	14.72	51.43	1.3	8.87	1115.3	0.52	43.21
1.283	14.72	51.43	0.92	8.87	1104.2	0.49	43.21
1.33	14.71	51.42	0.0	8.89	1215.4	0.53	43.21
1.385	14.71	51.42	0.0	8.94	1136.4	0.53	43.21
1.428	14.71	51.42	0.34	8.96	1098.9	0.53	43.21
1.444	14.71	51.41	0.42	8.97	1002.3	0.52	43.21
1.462	14.7	51.41	0.0	8.98	1032.5	0.54	43.21
1.489	14.7	51.41	0.04	8.98	1201.4	0.55	43.21
1.543	14.7	51.41	0.0	8.98	1108.3	0.53	43.21
1.587	14.7	51.41	0.0	8.94	956.88	0.53	43.21
1.607	14.7	51.4	0.0	8.92	1220.0	0.56	43.21
1.628	14.69	51.4	0.0	8.92	837.1	0.56	43.21
1.651	14.69	51.4	1.18	8.91	1302.1	0.54	43.21
1.696	14.69	51.4	0.5	8.91	1222.5	0.55	43.21
1.717	14.69	51.4	1.3	8.92	870.34	0.56	43.21

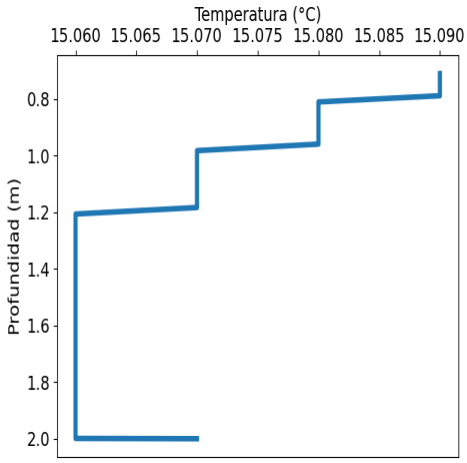
1.739	14.69	51.39	1.03	8.93	1156.4	0.53	43.21
1.764	14.69	51.39	0.0	8.94	834.58	0.55	43.21
1.787	14.69	51.39	0.99	8.94	1034.4	0.54	43.21
1.805	14.68	51.39	0.99	8.95	897.38	0.58	43.21
1.826	14.68	51.39	0.8	8.95	1030.8	0.53	43.21
1.852	14.68	51.39	0.5	8.95	943.66	0.56	43.21
1.879	14.68	51.39	0.88	8.94	990.96	0.51	43.21
1.9	14.68	51.39	0.53	8.92	893.85	0.51	43.21
1.922	14.68	51.39	1.45	8.9	1026.7	0.54	43.21
1.945	14.68	51.39	0.5	8.9	819.82	0.57	43.21
1.991	14.68	51.39	0.57	8.9	879.67	0.55	43.21
2.012	14.68	51.39	0.38	8.92	865.31	0.54	43.21
2.031	14.68	51.39	0.69	8.93	1096.3	0.56	43.22
2.05	14.68	51.39	0.46	8.95	815.46	0.56	43.22
2.073	14.68	51.39	1.14	8.97	952.23	0.57	43.22
2.097	14.68	51.39	0.46	8.97	931.49	0.59	43.22
2.12	14.68	51.39	0.8	8.99	812.82	0.53	43.22
2.14	14.68	51.38	0.57	8.96	1052.8	0.53	43.22
2.159	14.67	51.38	0.99	8.95	769.55	0.56	43.22
2.181	14.67	51.38	0.65	8.96	1000.9	0.56	43.22
2.208	14.67	51.38	0.84	8.95	748.79	0.6	43.22
2.238	14.67	51.38	0.65	8.94	854.55	0.57	43.22
2.267	14.67	51.38	0.84	8.93	836.9	0.56	43.22
2.292	14.67	51.38	0.69	8.95	716.03	0.61	43.22
2.312	14.67	51.38	0.95	8.94	1156.4	0.53	43.22
2.324	14.67	51.38	0.72	8.94	691.73	0.56	43.22
2.338	14.67	51.38	0.8	8.94	1109.1	0.61	43.22
2.36	14.67	51.38	0.88	8.94	664.54	0.57	43.22
2.391	14.67	51.38	0.72	8.93	880.28	0.58	43.22
2.424	14.67	51.38	0.72	8.93	864.11	0.58	43.22
2.452	14.67	51.38	0.92	8.91	692.85	0.57	43.22
2.475	14.67	51.38	0.76	8.9	1326.1	0.57	43.22
2.492	14.67	51.38	0.72	8.89	679.49	0.56	43.22
2.511	14.67	51.38	0.72	8.89	925.68	0.6	43.22
2.532	14.67	51.38	0.84	8.89	829.57	0.6	43.22
2.563	14.67	51.38	0.84	8.9	757.34	0.56	43.22
2.601	14.67	51.38	0.84	8.91	962.44	0.58	43.23
2.637	14.67	51.38	0.8	8.93	725.72	0.56	43.22
2.665	14.67	51.38	0.69	8.96	882.32	0.62	43.22
2.68	14.67	51.38	0.69	8.97	716.53	0.59	43.22
2.693	14.67	51.39	0.65	9.0	769.37	0.63	43.23
2.712	14.67	51.38	0.84	9.0	714.37	0.59	43.22
2.741	14.67	51.38	0.69	9.0	866.11	0.63	43.22
2.774	14.67	51.38	0.84	9.02	747.4	0.63	43.22
2.805	14.67	51.38	0.76	9.02	798.62	0.64	43.22
2.827	14.67	51.38	0.99	8.99	740.16	0.64	43.22
2.844	14.67	51.38	0.69	9.0	892.19	0.62	43.22
2.863	14.67	51.38	0.72	8.98	632.97	0.62	43.23
2.885	14.67	51.39	0.8	8.98	1097.6	0.6	43.23
2.91	14.67	51.39	0.76	8.98	632.53	0.62	43.23
2.933	14.67	51.4	0.76	8.98	839.04	0.63	43.23
2.955	14.68	51.41	0.88	8.98	716.53	0.6	43.24
2.981	14.68	51.41	0.61	8.98	689.01	0.64	43.24
3.004	14.69	51.42	0.72	8.98	765.1	0.63	43.24
3.019	14.69	51.44	0.72	8.98	711.07	0.63	43.25
3.033	14.7	51.47	0.72	8.98	751.4	0.59	43.27
3.053	14.71	51.46	0.69	8.94	709.75	0.62	43.25
3.079	14.72	51.51	0.84	8.93	686.62	0.61	43.28

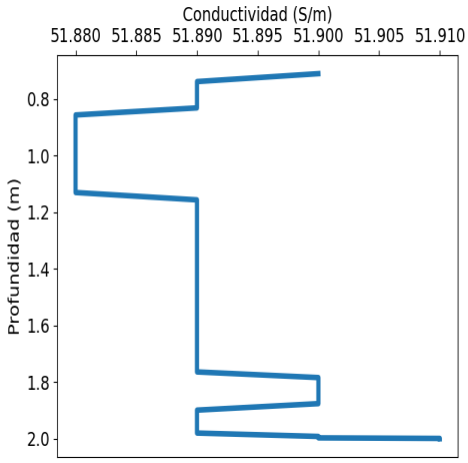
3.104	14.73	51.51	0.95	8.93	730.45	0.63	43.27
3.128	14.75	51.5	0.72	8.92	648.56	0.63	43.25
3.152	14.75	51.54	0.76	8.89	757.17	0.63	43.28
3.173	14.76	51.56	0.76	8.91	721.86	0.61	43.29
3.192	14.77	51.58	0.76	8.92	739.65	0.64	43.29
3.212	14.79	51.59	0.69	8.96	621.34	0.63	43.29
3.237	14.8	51.6	0.72	9.01	925.25	0.6	43.28
3.264	14.81	51.61	0.8	9.04	612.62	0.64	43.28
3.29	14.81	51.61	0.69	9.08	859.71	0.64	43.28
3.314	14.82	51.62	0.76	9.11	639.16	0.65	43.28
3.336	14.82	51.63	0.76	9.14	677.13	0.63	43.28
3.353	14.83	51.64	0.76	9.15	700.76	0.62	43.28
3.368	14.83	51.64	0.65	9.16	640.79	0.66	43.28
3.384	14.84	51.65	0.72	9.18	729.43	0.63	43.29
3.407	14.84	51.65	0.76	9.2	636.65	0.65	43.28
3.435	14.84	51.64	0.72	9.22	666.7	0.67	43.27
3.465	14.84	51.65	0.65	9.22	674.0	0.63	43.28
3.488	14.85	51.66	0.76	9.22	612.48	0.66	43.29
3.504	14.85	51.67	0.84	9.21	694.94	0.65	43.29
3.514	14.86	51.68	0.69	9.19	657.03	0.63	43.3
3.527	14.86	51.68	0.88	9.17	693.01	0.64	43.29
3.546	14.87	51.68	0.84	9.17	644.22	0.69	43.28
3.569	14.87	51.68	0.84	9.17	664.85	0.72	43.28
3.593	14.87	51.67	0.76	9.18	593.33	0.66	43.28
3.617	14.86	51.67	0.8	9.18	623.65	0.63	43.28
3.641	14.86	51.67	0.72	9.19	615.75	0.64	43.28
3.659	14.86	51.67	0.76	9.19	599.55	0.65	43.27
3.674	14.86	51.67	0.8	9.21	604.02	0.68	43.28
3.689	14.86	51.67	0.69	9.22	668.25	0.69	43.28
3.71	14.86	51.66	0.8	9.23	570.81	0.7	43.28
3.733	14.86	51.67	0.8	9.24	683.76	0.66	43.28
3.756	14.86	51.67	0.69	9.25	600.11	0.68	43.28
3.779	14.86	51.67	0.8	9.25	616.32	0.7	43.28
3.8	14.86	51.67	0.84	9.25	677.45	0.69	43.28
3.821	14.86	51.67	0.76	9.25	592.37	0.67	43.28
3.844	14.86	51.67	0.8	9.25	674.94	0.69	43.28
3.864	14.86	51.67	0.72	9.25	565.8	0.68	43.28
3.884	14.86	51.67	0.65	9.24	769.19	0.66	43.28
3.901	14.86	51.67	0.69	9.23	544.82	0.68	43.28
3.922	14.86	51.68	0.76	9.22	763.16	0.67	43.28
3.948	14.86	51.68	0.72	9.21	573.99	0.67	43.29
3.974	14.87	51.68	0.8	9.21	580.14	0.7	43.29
3.999	14.87	51.68	0.69	9.21	606.68	0.69	43.28
4.019	14.87	51.68	0.8	9.21	570.14	0.7	43.28
4.038	14.87	51.68	0.84	9.21	588.95	0.72	43.28
4.054	14.87	51.68	0.76	9.21	605.14	0.72	43.28
4.07	14.86	51.68	0.76	9.22	578.53	0.69	43.28
4.087	14.87	51.68	0.69	9.22	600.53	0.73	43.28
4.108	14.86	51.68	0.76	9.22	579.47	0.73	43.28
4.138	14.87	51.68	0.8	9.22	556.69	0.74	43.28
4.168	14.87	51.68	0.84	9.22	642.43	0.72	43.29
4.193	14.87	51.69	0.65	9.23	527.92	0.73	43.29
4.211	14.87	51.69	0.76	9.24	614.32	0.72	43.29
4.227	14.87	51.69	0.65	9.25	554.12	0.7	43.29
4.24	14.87	51.7	0.65	9.26	546.21	0.72	43.29
4.256	14.88	51.7	0.61	9.27	648.56	0.72	43.29
4.278	14.88	51.7	0.65	9.27	528.77	0.72	43.28
4.304	14.88	51.69	0.84	9.27	628.29	0.7	43.28

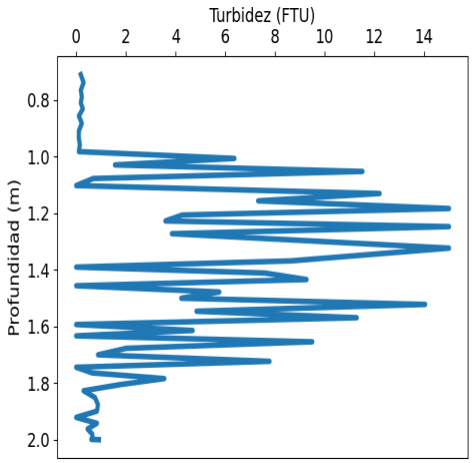
4.331	14.88	51.69	0.72	9.26	568.3	0.71	43.28
4.358	14.88	51.69	0.84	9.25	558.89	0.72	43.28
4.361	14.87	51.67	0.8	9.25	543.44	0.71	43.27
4.363	14.86	51.67	0.88	9.24	558.89	0.77	43.28
4.366	14.87	51.69	0.76	9.2	525.6	0.8	43.29
4.372	14.87	51.68	0.69	9.19	590.45	0.76	43.28
4.389	14.87	51.68	0.65	9.19	542.68	0.71	43.28
4.398	14.87	51.69	0.72	9.23	682.17	0.78	43.28
4.4	14.87	51.68	0.88	9.23	530.25	0.74	43.28
4.412	14.87	51.68	0.72	9.23	532.59	0.78	43.28
4.425	14.87	51.68	0.84	9.23	517.26	0.78	43.28
4.435	14.86	51.68	0.69	9.23	591.41	0.73	43.28

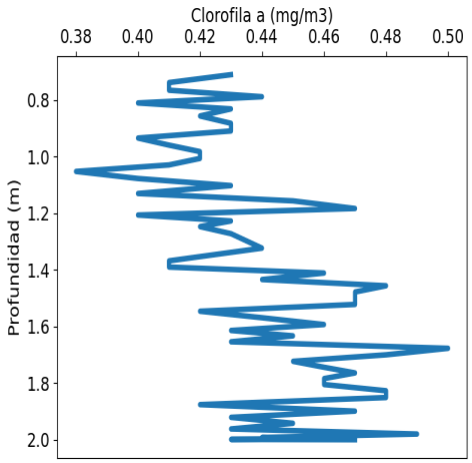
Nombre: CTD E09 - Punto 020 **Fecha: 17/02/2025** **Hora: 11:02:21**

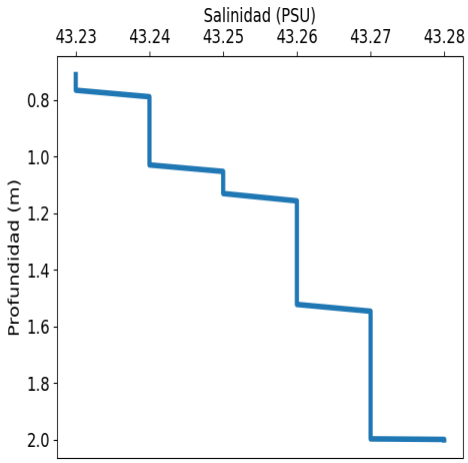


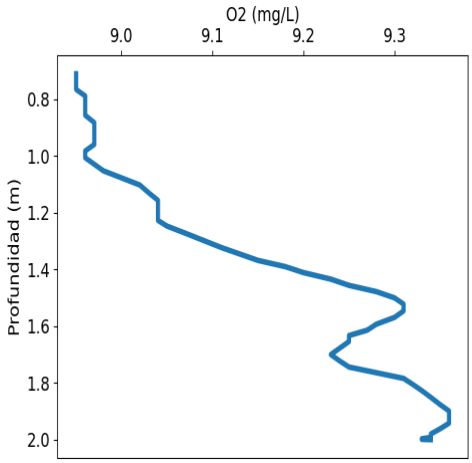


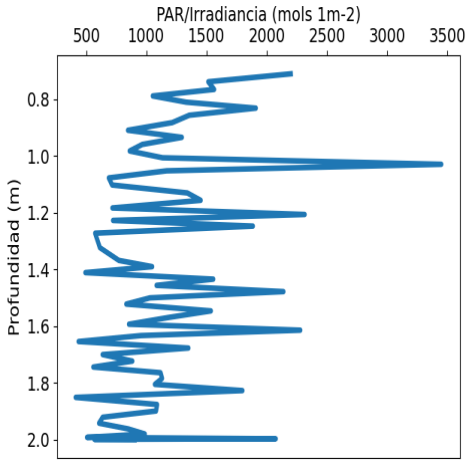












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.06	51.88	0.0	8.95	411.97	0.38	43.23
PROF (metros)	1.206	0.856	1.102	0.71	1.851	1.052	0.71
MÁXIMO	15.09	15.09	15.0	9.36	3450.7	0.5	43.28
PROF (metros)	0.71	1.999	1.183	1.899	1.029	1.677	1.999

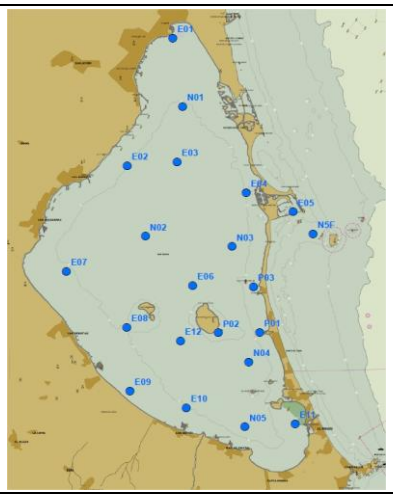
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.08	51.89	0.18	8.96	1342.51	0.42	43.24
1 - 2m	15.06	51.89	5.34	9.21	1170.48	0.44	43.26
2 - 3m	15.07	51.91	0.92	9.34	902.8	0.47	43.28

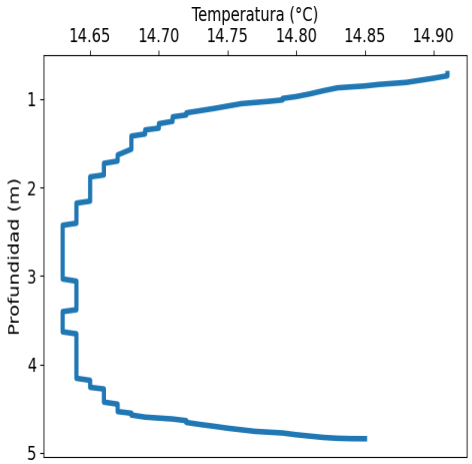
OBSERVACIONES GENERALES

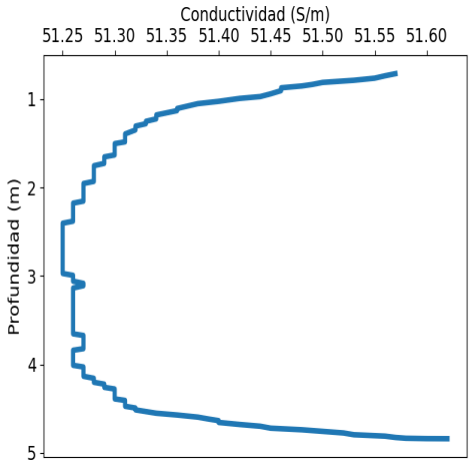
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	15.09	51.9	0.19	8.95	2199.5	0.43	43.23
0.738	15.09	51.89	0.3	8.95	1513.8	0.41	43.23
0.765	15.09	51.89	0.19	8.95	1563.7	0.41	43.23
0.788	15.09	51.89	0.23	8.96	1052.3	0.44	43.24
0.81	15.08	51.89	0.19	8.96	1331.4	0.4	43.24
0.831	15.08	51.89	0.27	8.96	1909.9	0.43	43.24
0.856	15.08	51.88	0.11	8.96	1356.6	0.42	43.24
0.882	15.08	51.88	0.23	8.97	1214.9	0.43	43.24
0.909	15.08	51.88	0.11	8.97	846.27	0.43	43.24
0.934	15.08	51.88	0.11	8.97	1295.1	0.4	43.24
0.959	15.08	51.88	0.15	8.97	965.79	0.41	43.24
0.982	15.07	51.88	0.11	8.96	860.91	0.42	43.24
1.006	15.07	51.88	6.37	8.96	1134.6	0.42	43.24
1.029	15.07	51.88	1.56	8.97	3450.7	0.41	43.24
1.052	15.07	51.88	11.52	8.98	1167.9	0.38	43.25
1.077	15.07	51.88	0.69	9.0	687.57	0.4	43.25
1.102	15.07	51.88	0.0	9.02	715.2	0.43	43.25
1.13	15.07	51.88	12.21	9.03	1340.0	0.4	43.25
1.156	15.07	51.89	7.32	9.04	1451.6	0.45	43.26
1.183	15.07	51.89	15.0	9.04	717.19	0.47	43.26
1.206	15.06	51.89	4.27	9.04	2315.6	0.4	43.26
1.227	15.06	51.89	3.59	9.04	722.37	0.43	43.26
1.247	15.06	51.89	15.0	9.05	1885.3	0.42	43.26
1.272	15.06	51.89	3.85	9.07	573.99	0.43	43.26
1.323	15.06	51.89	15.0	9.11	613.61	0.44	43.26
1.368	15.06	51.89	8.66	9.15	771.34	0.41	43.26
1.39	15.06	51.89	0.0	9.18	1048.4	0.41	43.26
1.411	15.06	51.89	7.59	9.2	492.57	0.46	43.26
1.434	15.06	51.89	9.27	9.23	1556.1	0.44	43.26
1.456	15.06	51.89	0.0	9.25	1084.2	0.48	43.26
1.478	15.06	51.89	5.76	9.28	2139.2	0.47	43.26
1.5	15.06	51.89	4.23	9.3	1029.6	0.47	43.26
1.522	15.06	51.89	14.04	9.31	832.46	0.47	43.26
1.546	15.06	51.89	4.84	9.31	1536.4	0.42	43.27
1.569	15.06	51.89	11.29	9.3	1186.5	0.44	43.27
1.593	15.06	51.89	0.0	9.28	854.94	0.46	43.27
1.614	15.06	51.89	4.69	9.27	2278.9	0.43	43.27
1.633	15.06	51.89	0.0	9.25	955.55	0.45	43.27
1.654	15.06	51.89	9.5	9.25	436.24	0.43	43.27

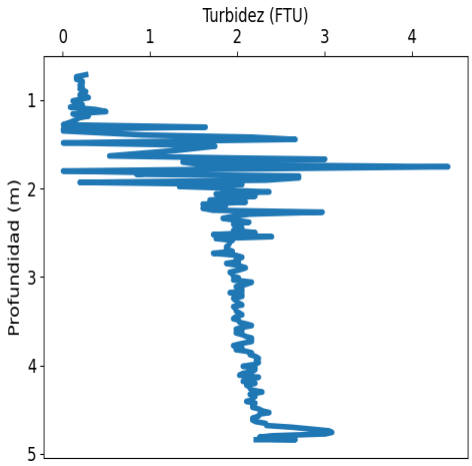
1.677	15.06	51.89	2.02	9.24	1349.4	0.5	43.27
1.7	15.06	51.89	0.88	9.23	635.91	0.48	43.27
1.723	15.06	51.89	7.78	9.24	883.96	0.45	43.27
1.744	15.06	51.89	0.0	9.25	558.63	0.46	43.27
1.764	15.06	51.89	0.65	9.28	1117.6	0.47	43.27
1.784	15.06	51.9	3.55	9.31	1130.7	0.46	43.27
1.805	15.06	51.9	1.79	9.32	1070.0	0.46	43.27
1.827	15.06	51.9	0.3	9.33	1798.3	0.48	43.27
1.851	15.06	51.9	0.76	9.34	411.97	0.48	43.27
1.876	15.06	51.9	0.88	9.35	1089.2	0.42	43.27
1.899	15.06	51.89	0.84	9.36	1080.4	0.47	43.27
1.921	15.06	51.89	0.0	9.36	637.24	0.43	43.27
1.942	15.06	51.89	0.84	9.36	606.68	0.45	43.27
1.962	15.06	51.89	0.46	9.35	848.03	0.43	43.27
1.98	15.06	51.89	0.65	9.34	987.29	0.49	43.27
1.992	15.06	51.9	0.65	9.34	506.35	0.44	43.27
1.997	15.06	51.9	0.69	9.33	2075.2	0.45	43.27
1.999	15.06	51.91	0.61	9.33	567.51	0.43	43.28
2.0	15.07	51.91	0.92	9.34	902.8	0.47	43.28

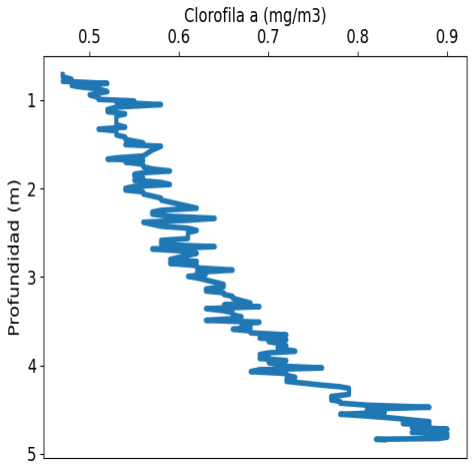
Nombre: CTD E08 - Punto 021 **Fecha: 17/02/2025** **Hora: 12:02:28**

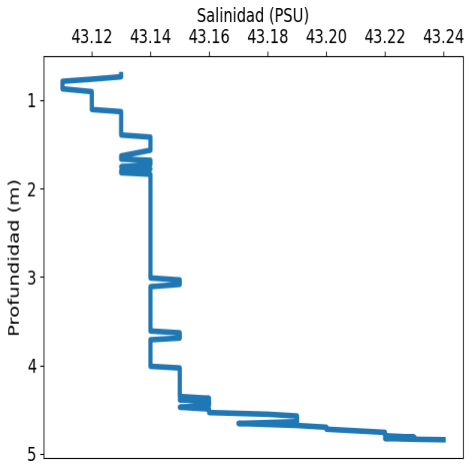


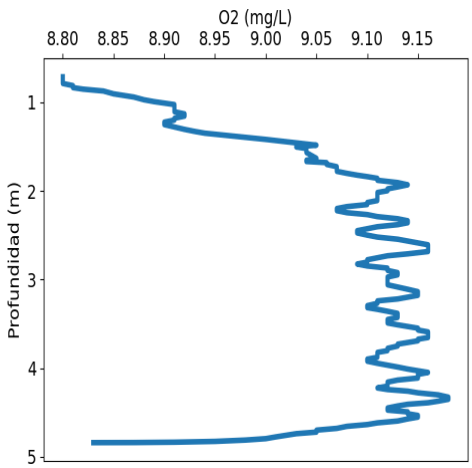


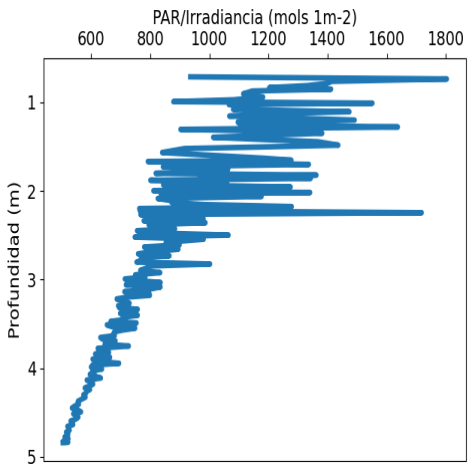












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.63	51.25	0.0	8.8	502.95	0.47	43.11
PROF (metros)	2.428	2.405	1.28	0.714	4.841	0.714	0.789
MÁXIMO	14.91	14.91	4.42	9.18	1804.1	0.9	43.24
PROF (metros)	0.714	4.841	1.755	4.328	0.738	4.722	4.84

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	14.85	51.49	0.22	8.83	1241.41	0.49	43.12
1 - 2m	14.69	51.31	1.3	9.02	1111.51	0.55	43.13
2 - 3m	14.64	51.26	1.97	9.12	887.58	0.6	43.14
3 - 4m	14.64	51.26	2.06	9.13	694.68	0.68	43.14
4 - 5m	14.7	51.37	2.3	9.1	557.37	0.8	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)
0.714	14.91	51.57	0.27	8.8	934.74	0.47	43.13
0.738	14.91	51.56	0.15	8.8	1804.1	0.47	43.13
0.765	14.9	51.55	0.15	8.8	1413.7	0.48	43.12
0.789	14.89	51.53	0.23	8.8	1398.7	0.47	43.11
0.813	14.88	51.5	0.23	8.81	1331.7	0.52	43.11
0.836	14.86	51.49	0.19	8.81	1202.0	0.48	43.11
0.853	14.85	51.48	0.23	8.82	1412.1	0.49	43.11
0.874	14.83	51.46	0.19	8.84	1144.9	0.51	43.11
0.906	14.82	51.46	0.27	8.85	1113.5	0.52	43.12
0.942	14.81	51.45	0.19	8.87	1182.1	0.5	43.12
0.973	14.8	51.44	0.3	8.88	1082.2	0.51	43.12
0.994	14.79	51.42	0.19	8.89	877.22	0.51	43.12
1.011	14.79	51.41	0.11	8.9	1552.1	0.55	43.12
1.027	14.78	51.4	0.15	8.91	1065.3	0.53	43.12
1.053	14.76	51.38	0.23	8.91	1161.7	0.58	43.12
1.081	14.75	51.37	0.08	8.91	1079.4	0.53	43.12
1.108	14.74	51.36	0.38	8.91	1474.3	0.52	43.12
1.132	14.73	51.36	0.5	8.92	1177.7	0.52	43.13
1.157	14.72	51.35	0.11	8.92	1066.5	0.54	43.13
1.181	14.72	51.34	0.3	8.91	1288.9	0.53	43.13
1.202	14.71	51.34	0.19	8.91	1491.8	0.53	43.13
1.225	14.71	51.34	0.15	8.9	1095.1	0.53	43.13
1.253	14.71	51.33	0.08	8.9	1106.3	0.53	43.13
1.28	14.7	51.33	0.0	8.91	1638.3	0.53	43.13
1.307	14.7	51.32	1.64	8.92	901.34	0.54	43.13
1.33	14.7	51.32	0.0	8.93	1275.5	0.51	43.13
1.35	14.69	51.32	0.0	8.94	1382.3	0.53	43.13
1.396	14.69	51.31	0.92	8.98	1011.8	0.53	43.13
1.42	14.68	51.31	2.17	9.0	1173.6	0.54	43.14
1.446	14.68	51.31	2.67	9.02	1366.4	0.54	43.14
1.485	14.68	51.31	0.0	9.05	1436.5	0.56	43.14
1.505	14.68	51.3	1.14	9.03	1178.6	0.54	43.14
1.523	14.68	51.3	1.75	9.04	915.65	0.58	43.14
1.568	14.68	51.3	1.33	9.04	839.24	0.57	43.14
1.633	14.67	51.3	0.53	9.05	1187.9	0.56	43.13
1.655	14.67	51.29	1.91	9.04	1277.8	0.53	43.13
1.669	14.67	51.29	3.01	9.04	790.89	0.52	43.13

1.682	14.67	51.29	1.41	9.06	1027.7	0.56	43.14
1.702	14.67	51.29	1.37	9.06	1336.9	0.54	43.14
1.728	14.66	51.29	1.56	9.07	841.77	0.56	43.14
1.755	14.66	51.28	4.42	9.07	1063.8	0.56	43.13
1.78	14.66	51.28	2.1	9.07	969.15	0.57	43.14
1.803	14.66	51.28	0.0	9.08	817.35	0.59	43.13
1.823	14.66	51.28	1.07	9.09	1362.6	0.56	43.13
1.84	14.66	51.28	0.84	9.1	968.03	0.55	43.14
1.859	14.66	51.28	2.71	9.11	1343.4	0.55	43.14
1.881	14.65	51.28	2.71	9.11	799.37	0.56	43.14
1.907	14.65	51.28	2.33	9.13	1060.3	0.55	43.14
1.932	14.65	51.28	0.19	9.14	842.74	0.58	43.14
1.956	14.65	51.27	2.06	9.13	1275.2	0.59	43.14
1.978	14.65	51.27	1.33	9.12	999.96	0.55	43.14
1.999	14.65	51.27	1.95	9.12	809.62	0.54	43.14
2.019	14.65	51.27	1.83	9.11	1341.3	0.54	43.14
2.039	14.65	51.27	2.37	9.11	834.77	0.56	43.14
2.063	14.65	51.27	1.75	9.11	1176.9	0.56	43.14
2.087	14.65	51.27	2.21	9.11	824.39	0.57	43.14
2.11	14.65	51.27	1.98	9.11	870.74	0.58	43.14
2.132	14.65	51.27	1.68	9.1	871.35	0.58	43.14
2.155	14.65	51.27	2.1	9.1	981.13	0.59	43.14
2.178	14.64	51.26	1.6	9.08	1279.0	0.6	43.14
2.2	14.64	51.26	1.87	9.07	761.92	0.61	43.14
2.224	14.64	51.26	1.6	9.07	763.86	0.62	43.14
2.247	14.64	51.26	1.72	9.08	1718.8	0.58	43.14
2.268	14.64	51.26	2.98	9.1	765.81	0.57	43.14
2.291	14.64	51.26	2.14	9.11	865.51	0.57	43.14
2.315	14.64	51.26	1.95	9.13	980.45	0.59	43.14
2.338	14.64	51.26	1.83	9.14	776.72	0.64	43.14
2.36	14.64	51.26	1.98	9.14	986.83	0.61	43.14
2.382	14.64	51.26	2.14	9.13	793.46	0.56	43.14
2.405	14.64	51.25	1.95	9.11	838.07	0.57	43.14
2.428	14.63	51.25	1.98	9.1	883.96	0.58	43.14
2.45	14.63	51.25	2.06	9.09	754.19	0.61	43.14
2.475	14.63	51.25	1.95	9.09	816.03	0.62	43.14
2.5	14.63	51.25	2.21	9.1	1065.0	0.61	43.14
2.522	14.63	51.25	1.72	9.11	746.36	0.61	43.14
2.546	14.63	51.25	2.4	9.13	980.68	0.61	43.14
2.567	14.63	51.25	1.75	9.14	904.68	0.61	43.14
2.587	14.63	51.25	1.95	9.15	850.99	0.58	43.14
2.609	14.63	51.25	1.91	9.16	899.25	0.58	43.14
2.634	14.63	51.25	1.91	9.16	778.34	0.58	43.14
2.659	14.63	51.25	1.87	9.16	895.09	0.64	43.14
2.685	14.63	51.25	1.87	9.16	812.44	0.57	43.14
2.711	14.63	51.25	1.95	9.14	757.69	0.61	43.14
2.733	14.63	51.25	1.72	9.12	864.91	0.62	43.14
2.755	14.63	51.25	1.98	9.11	767.77	0.61	43.14
2.778	14.63	51.25	2.06	9.1	774.56	0.6	43.14
2.804	14.63	51.25	1.98	9.1	752.62	0.59	43.14
2.826	14.63	51.25	2.02	9.09	1002.5	0.62	43.14
2.848	14.63	51.25	1.87	9.1	799.55	0.59	43.14
2.872	14.63	51.25	2.02	9.12	785.77	0.62	43.14
2.898	14.63	51.25	2.1	9.12	765.1	0.62	43.14
2.923	14.63	51.25	2.02	9.13	833.61	0.66	43.14
2.948	14.63	51.25	1.91	9.13	747.75	0.62	43.14
2.973	14.63	51.25	1.95	9.12	783.23	0.63	43.14
2.994	14.63	51.26	1.95	9.12	712.89	0.61	43.14

3.012	14.63	51.26	2.02	9.12	755.76	0.62	43.14
3.035	14.63	51.26	1.95	9.12	834.97	0.63	43.15
3.06	14.64	51.26	2.17	9.12	716.53	0.64	43.15
3.085	14.64	51.27	2.1	9.13	834.58	0.65	43.15
3.111	14.64	51.27	1.98	9.14	794.19	0.65	43.14
3.138	14.64	51.26	2.06	9.15	711.57	0.63	43.14
3.16	14.64	51.26	2.06	9.15	796.96	0.63	43.14
3.179	14.64	51.26	1.91	9.15	798.81	0.65	43.14
3.199	14.64	51.26	2.06	9.14	723.2	0.65	43.14
3.22	14.64	51.26	2.06	9.13	685.34	0.66	43.14
3.242	14.64	51.26	1.95	9.11	711.57	0.66	43.14
3.269	14.64	51.26	1.98	9.11	729.94	0.67	43.14
3.296	14.64	51.26	2.02	9.1	690.29	0.68	43.14
3.318	14.64	51.26	2.06	9.1	693.81	0.65	43.14
3.337	14.64	51.26	1.95	9.11	757.69	0.69	43.14
3.359	14.64	51.26	1.98	9.12	718.03	0.63	43.14
3.383	14.64	51.26	1.98	9.13	696.88	0.65	43.14
3.404	14.63	51.26	2.02	9.13	757.69	0.66	43.14
3.428	14.63	51.26	2.06	9.13	705.16	0.66	43.14
3.452	14.63	51.26	1.98	9.12	715.2	0.67	43.14
3.473	14.63	51.26	1.95	9.12	664.85	0.66	43.14
3.491	14.63	51.26	2.02	9.12	753.49	0.63	43.14
3.512	14.63	51.26	2.02	9.13	652.03	0.69	43.14
3.531	14.63	51.26	2.1	9.14	667.32	0.67	43.14
3.55	14.63	51.26	2.17	9.15	748.96	0.67	43.14
3.571	14.63	51.26	2.06	9.15	706.47	0.68	43.14
3.592	14.63	51.26	1.98	9.16	677.13	0.66	43.14
3.612	14.63	51.26	2.06	9.16	674.0	0.68	43.14
3.633	14.63	51.26	1.98	9.16	679.81	0.68	43.15
3.655	14.64	51.26	2.06	9.16	630.04	0.72	43.15
3.674	14.64	51.27	2.1	9.15	637.83	0.71	43.15
3.692	14.64	51.27	2.17	9.15	682.33	0.69	43.15
3.711	14.64	51.27	2.17	9.14	650.67	0.72	43.14
3.73	14.64	51.27	2.17	9.13	644.67	0.7	43.14
3.751	14.64	51.27	2.06	9.13	727.41	0.71	43.14
3.777	14.64	51.27	1.95	9.12	621.2	0.72	43.14
3.803	14.64	51.27	2.06	9.12	624.66	0.71	43.14
3.823	14.64	51.27	1.98	9.11	660.39	0.72	43.14
3.841	14.64	51.26	2.1	9.11	612.33	0.73	43.14
3.859	14.64	51.26	2.17	9.11	633.7	0.7	43.14
3.878	14.64	51.26	2.14	9.11	663.92	0.69	43.14
3.899	14.64	51.26	2.21	9.1	603.74	0.7	43.14
3.922	14.64	51.26	2.25	9.1	614.04	0.69	43.14
3.946	14.64	51.26	2.21	9.11	694.46	0.72	43.14
3.967	14.64	51.26	2.25	9.12	603.46	0.7	43.14
3.988	14.64	51.26	2.21	9.13	598.3	0.71	43.14
4.011	14.64	51.26	2.06	9.14	636.79	0.72	43.14
4.03	14.64	51.27	2.21	9.15	602.48	0.76	43.15
4.049	14.64	51.27	2.21	9.16	610.77	0.69	43.15
4.071	14.64	51.27	2.17	9.15	594.43	0.68	43.15
4.092	14.64	51.27	2.06	9.15	614.18	0.72	43.15
4.112	14.64	51.27	2.02	9.15	632.82	0.72	43.15
4.135	14.64	51.27	2.25	9.13	583.92	0.73	43.15
4.158	14.64	51.28	2.14	9.12	604.86	0.72	43.15
4.181	14.65	51.28	2.06	9.12	606.68	0.72	43.15
4.203	14.65	51.28	2.21	9.12	592.23	0.74	43.15
4.224	14.65	51.29	2.1	9.11	577.33	0.76	43.15
4.242	14.65	51.29	2.14	9.12	596.23	0.78	43.15

4.26	14.65	51.29	2.14	9.14	583.38	0.79	43.15
4.279	14.66	51.3	2.17	9.15	583.38	0.79	43.15
4.302	14.66	51.3	2.29	9.17	572.4	0.79	43.15
4.328	14.66	51.3	2.14	9.18	580.81	0.79	43.15
4.352	14.66	51.3	2.21	9.18	566.85	0.77	43.15
4.373	14.66	51.3	2.17	9.17	554.38	0.77	43.16
4.391	14.66	51.3	2.17	9.16	552.97	0.77	43.15
4.408	14.66	51.31	2.1	9.14	558.5	0.78	43.16
4.427	14.66	51.31	2.21	9.13	543.94	0.78	43.16
4.45	14.67	51.31	2.17	9.12	533.95	0.81	43.16
4.474	14.67	51.31	2.17	9.12	555.28	0.88	43.15
4.494	14.67	51.32	2.25	9.14	565.67	0.81	43.16
4.515	14.67	51.32	2.29	9.14	538.17	0.81	43.16
4.534	14.67	51.33	2.37	9.15	552.97	0.83	43.16
4.553	14.68	51.34	2.25	9.15	556.69	0.78	43.18
4.573	14.68	51.36	2.25	9.14	549.26	0.81	43.19
4.597	14.69	51.38	2.17	9.13	529.27	0.84	43.19
4.618	14.71	51.39	2.17	9.11	536.93	0.86	43.19
4.637	14.72	51.4	2.21	9.1	538.92	0.88	43.19
4.657	14.72	51.4	2.33	9.08	518.46	0.85	43.17
4.68	14.73	51.42	2.33	9.07	524.99	0.88	43.19
4.7	14.74	51.44	2.63	9.05	527.06	0.86	43.2
4.722	14.75	51.45	2.86	9.05	514.15	0.9	43.2
4.74	14.76	51.48	3.05	9.03	522.2	0.87	43.21
4.758	14.77	51.5	3.09	9.02	521.59	0.86	43.22
4.776	14.79	51.52	3.01	9.01	509.05	0.9	43.22
4.796	14.8	51.53	2.4	9.0	523.05	0.89	43.22
4.812	14.81	51.56	2.25	8.98	514.51	0.9	43.23
4.827	14.82	51.57	2.4	8.95	503.42	0.89	43.22
4.836	14.83	51.58	2.4	8.91	522.44	0.82	43.23
4.84	14.84	51.6	2.67	8.87	513.79	0.83	43.24
4.841	14.85	51.62	2.21	8.83	502.95	0.83	43.24