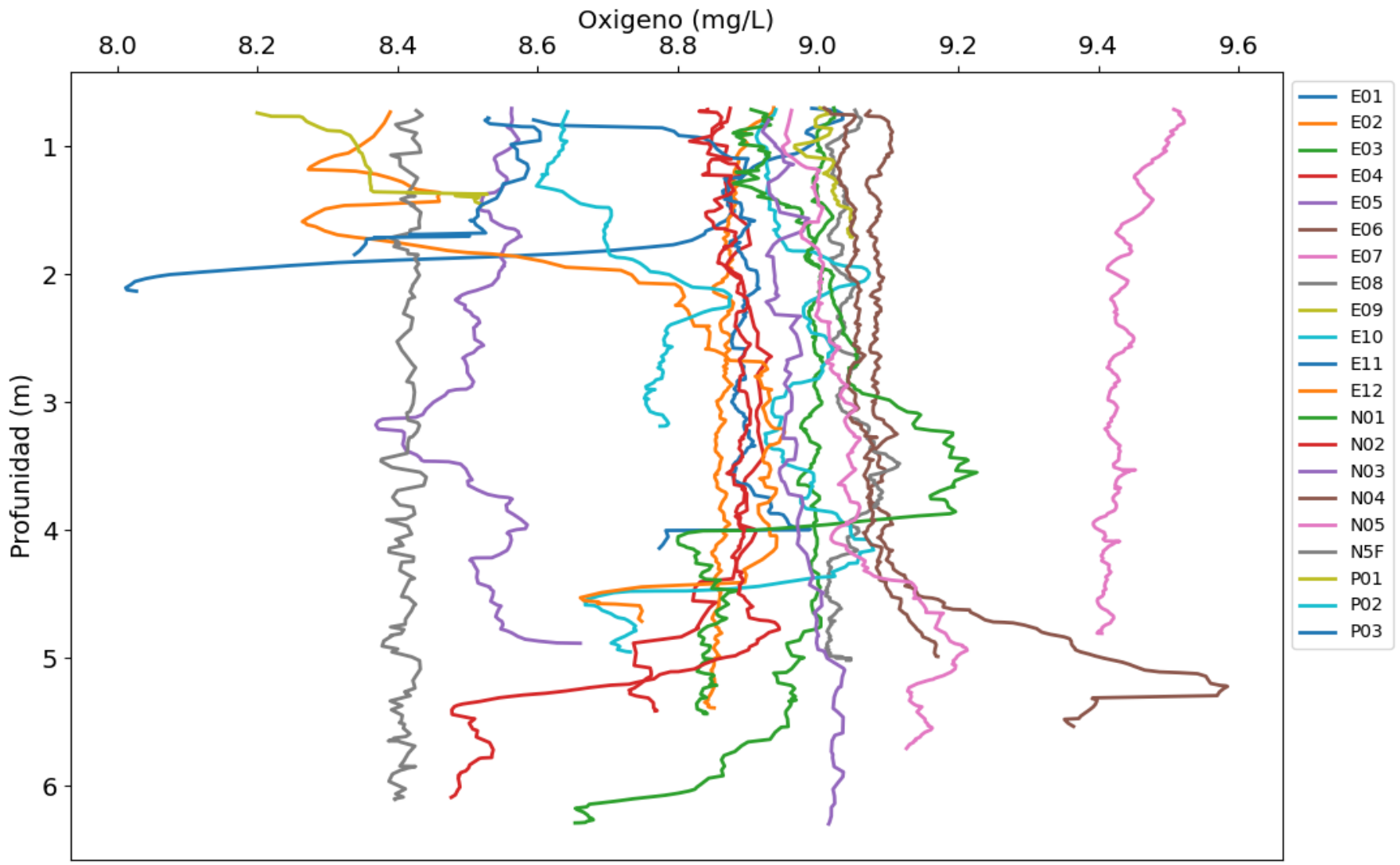
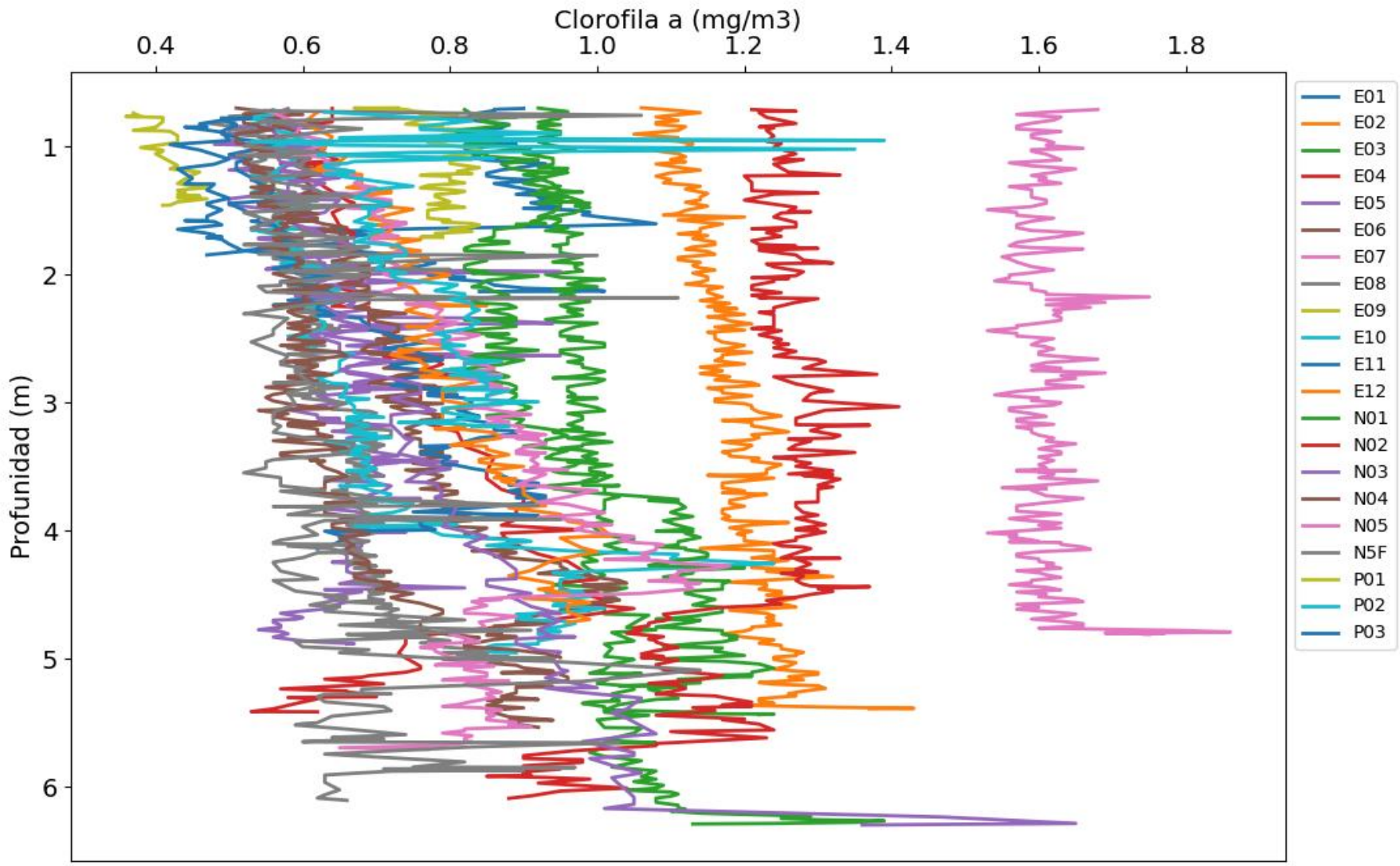
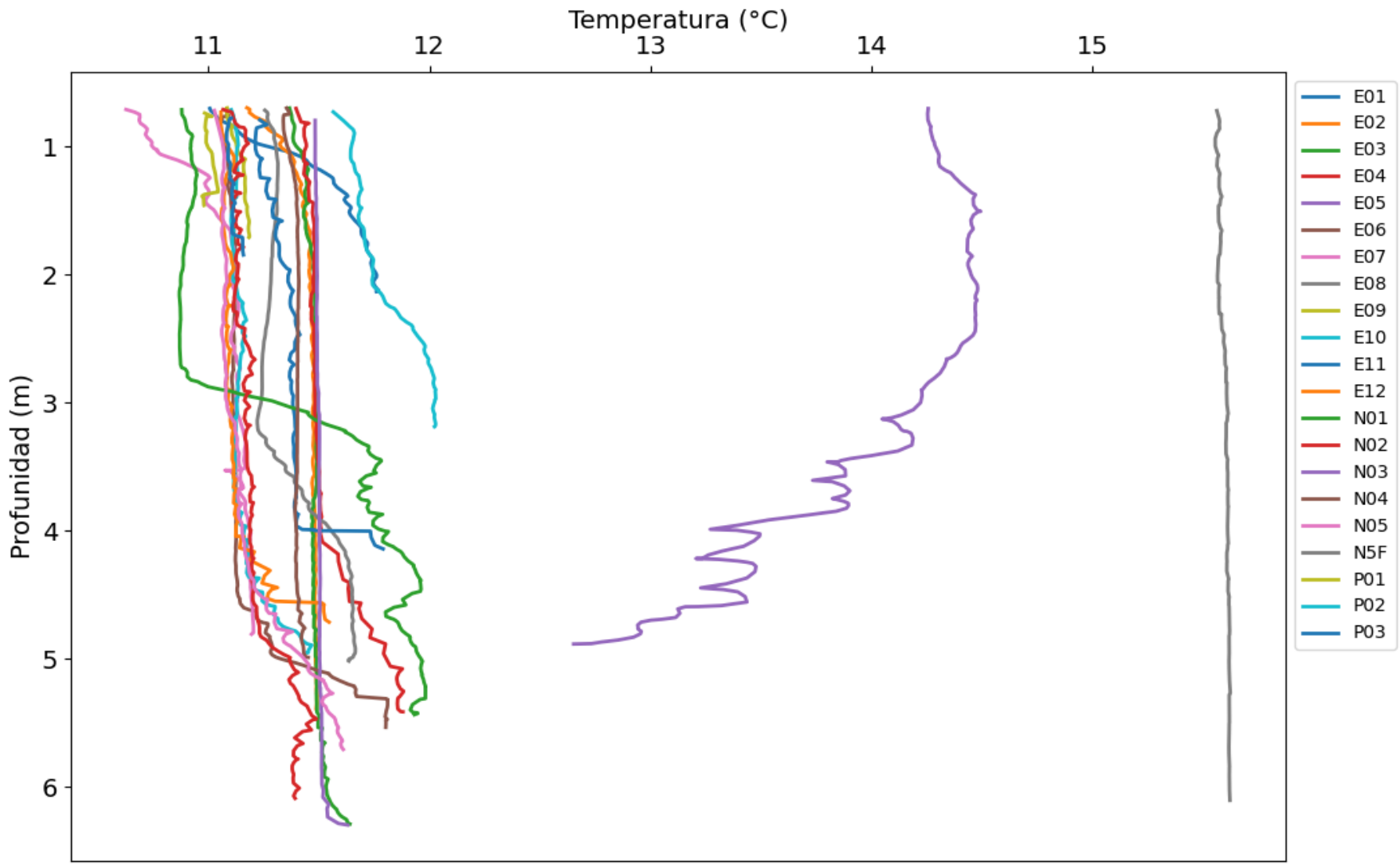
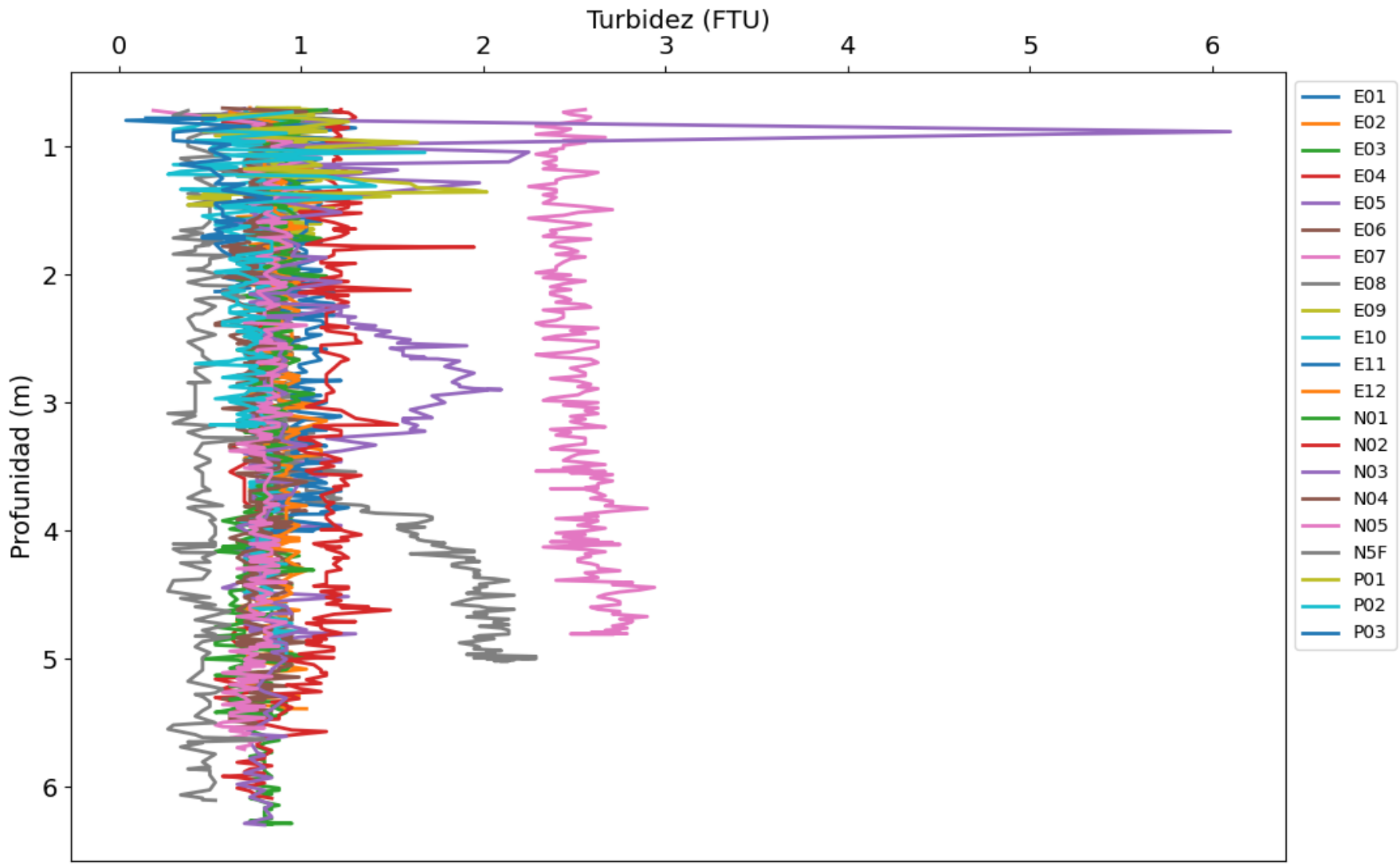
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20250120**

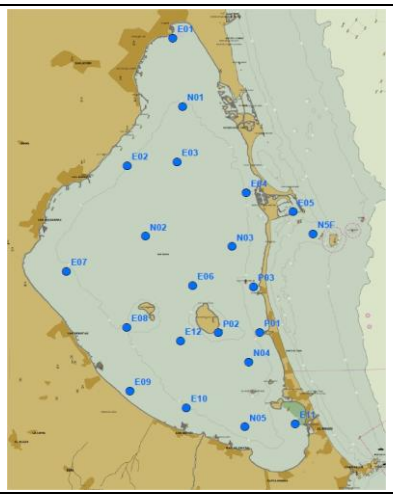


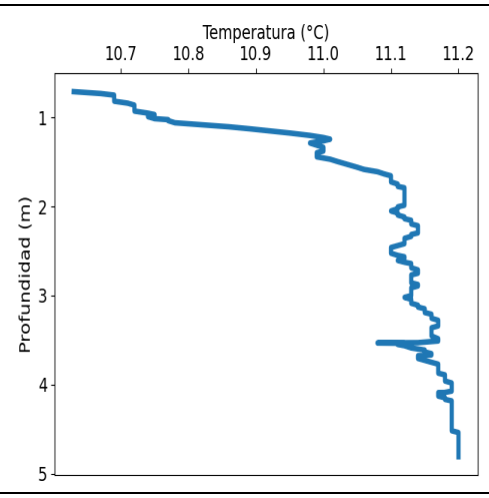

Clorofila a (mg/m3)
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

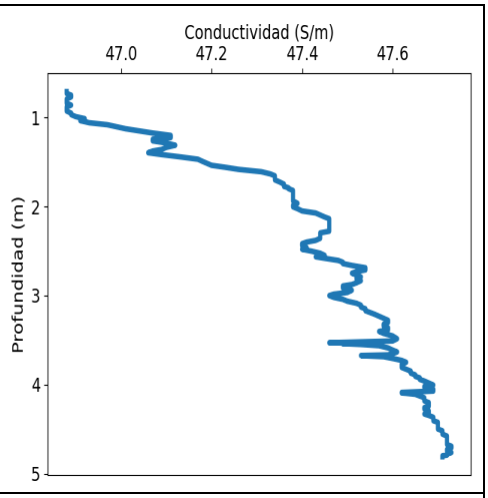

Temperatura (°C)
11
12
13
14
15
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

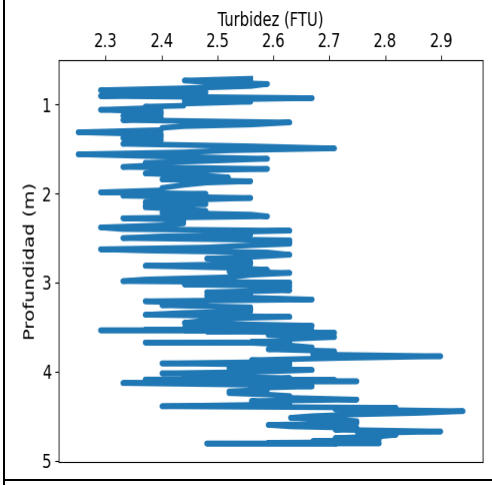

Turbidez (FTU)
0
1
2
3
4
5
6
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

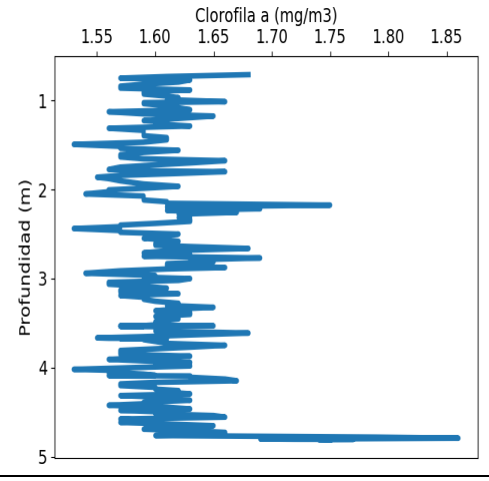
Nombre: CTD E07 - Punto 001 **Fecha: 20/01/2025** **Hora: 08:01:40**

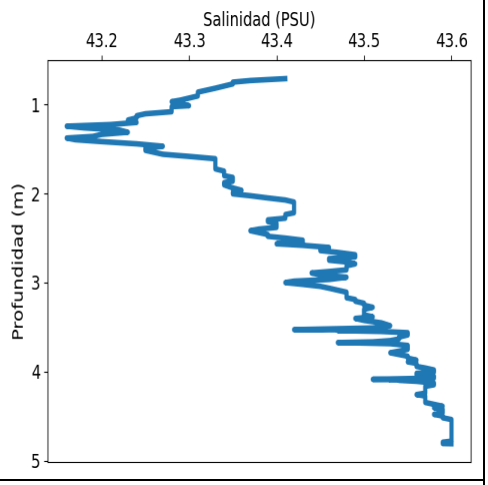


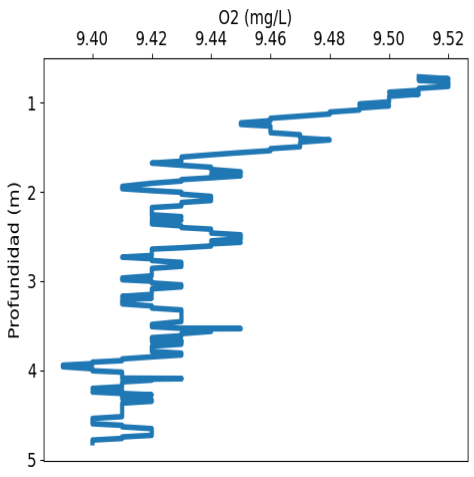


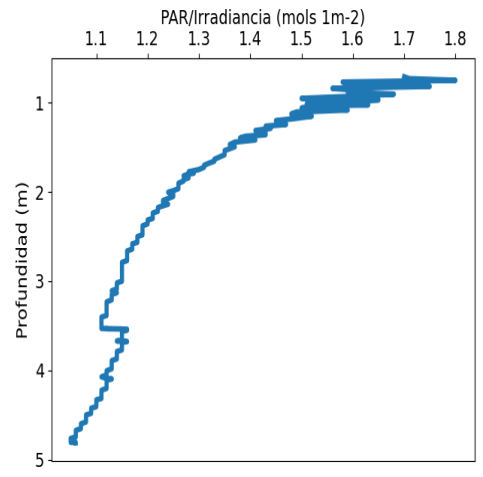












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	10.63	46.88	2.25	9.39	1.05	1.53	43.16
PROF (metros)	0.713	0.713	1.314	3.94	4.76	1.495	1.246
MÁXIMO	11.2	11.2	2.94	9.52	1.8	1.86	43.6
PROF (metros)	4.536	4.689	4.442	0.734	0.752	4.79	4.536

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	10.71	46.88	2.48	9.51	1.64	1.61	43.33
1 - 2m	11.01	47.19	2.42	9.45	1.38	1.6	43.28
2 - 3m	11.12	47.46	2.48	9.43	1.19	1.61	43.43
3 - 4m	11.15	47.57	2.56	9.42	1.14	1.6	43.51
4 - 5m	11.19	47.69	2.64	9.41	1.09	1.63	43.58

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	10.63	46.88	2.56	9.51	1.7	1.68	43.41
0.734	10.67	46.88	2.44	9.52	1.71	1.61	43.37
0.752	10.69	46.89	2.48	9.51	1.8	1.57	43.35
0.772	10.69	46.89	2.59	9.52	1.58	1.63	43.35
0.796	10.69	46.88	2.56	9.52	1.69	1.62	43.34
0.82	10.69	46.88	2.44	9.52	1.75	1.59	43.33
0.842	10.71	46.88	2.29	9.51	1.56	1.57	43.32
0.864	10.72	46.89	2.48	9.51	1.61	1.57	43.31
0.885	10.72	46.88	2.44	9.5	1.59	1.63	43.31
0.907	10.72	46.88	2.29	9.51	1.68	1.59	43.31
0.931	10.72	46.88	2.67	9.5	1.6	1.59	43.3
0.954	10.74	46.89	2.44	9.5	1.5	1.61	43.29
0.971	10.75	46.89	2.56	9.5	1.65	1.62	43.28
0.993	10.74	46.9	2.44	9.5	1.6	1.61	43.29
1.016	10.75	46.92	2.44	9.49	1.51	1.66	43.3
1.027	10.77	46.92	2.37	9.49	1.63	1.59	43.28
1.038	10.77	46.91	2.4	9.5	1.53	1.59	43.28
1.062	10.78	46.93	2.29	9.49	1.5	1.61	43.28
1.084	10.82	46.97	2.4	9.49	1.59	1.62	43.28
1.107	10.86	46.99	2.4	9.48	1.49	1.63	43.25
1.129	10.89	47.01	2.33	9.48	1.48	1.56	43.24
1.153	10.92	47.04	2.4	9.47	1.52	1.59	43.24
1.177	10.95	47.07	2.33	9.46	1.49	1.65	43.23
1.204	10.98	47.11	2.63	9.46	1.45	1.62	43.24
1.228	11.0	47.11	2.56	9.45	1.46	1.59	43.21
1.246	11.01	47.07	2.44	9.45	1.47	1.61	43.16
1.265	11.0	47.07	2.4	9.46	1.43	1.6	43.18
1.289	10.98	47.1	2.4	9.46	1.44	1.63	43.22
1.314	10.99	47.12	2.25	9.46	1.41	1.56	43.23
1.338	11.0	47.1	2.4	9.46	1.43	1.59	43.2
1.361	11.0	47.09	2.4	9.47	1.43	1.59	43.19
1.379	11.0	47.07	2.33	9.47	1.39	1.59	43.16
1.398	10.99	47.06	2.4	9.47	1.38	1.59	43.17
1.419	10.99	47.09	2.37	9.48	1.41	1.61	43.2
1.444	10.99	47.13	2.33	9.47	1.37	1.61	43.24
1.471	11.01	47.17	2.56	9.47	1.36	1.59	43.27
1.495	11.02	47.18	2.71	9.47	1.37	1.53	43.25

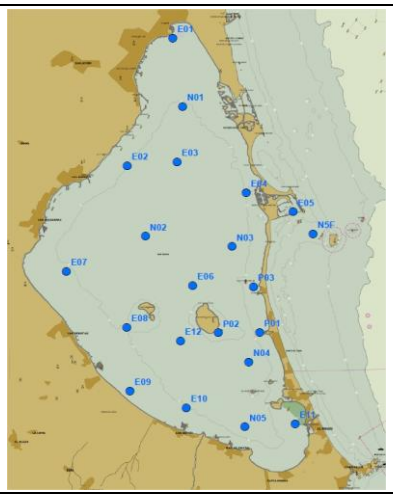
1.517	11.03	47.19	2.52	9.46	1.36	1.57	43.25
1.539	11.04	47.2	2.44	9.46	1.35	1.57	43.26
1.561	11.05	47.23	2.25	9.45	1.35	1.62	43.27
1.585	11.06	47.26	2.4	9.44	1.35	1.59	43.3
1.611	11.08	47.31	2.59	9.43	1.34	1.57	43.33
1.636	11.09	47.33	2.48	9.43	1.33	1.57	43.33
1.657	11.1	47.34	2.37	9.43	1.33	1.59	43.33
1.678	11.1	47.34	2.4	9.42	1.32	1.66	43.33
1.703	11.1	47.34	2.33	9.43	1.31	1.63	43.33
1.725	11.1	47.35	2.59	9.44	1.31	1.6	43.33
1.75	11.11	47.36	2.4	9.44	1.3	1.57	43.34
1.776	11.11	47.36	2.37	9.45	1.28	1.56	43.34
1.791	11.12	47.37	2.44	9.45	1.29	1.59	43.34
1.801	11.12	47.37	2.48	9.44	1.28	1.66	43.34
1.821	11.12	47.38	2.52	9.45	1.27	1.62	43.35
1.843	11.12	47.38	2.4	9.44	1.28	1.57	43.35
1.863	11.12	47.38	2.56	9.43	1.27	1.55	43.35
1.879	11.12	47.38	2.48	9.43	1.27	1.56	43.34
1.904	11.12	47.38	2.44	9.42	1.26	1.57	43.34
1.939	11.12	47.38	2.4	9.41	1.26	1.59	43.35
1.965	11.12	47.39	2.4	9.41	1.26	1.62	43.36
1.987	11.12	47.38	2.29	9.42	1.25	1.59	43.35
2.005	11.11	47.38	2.48	9.43	1.24	1.56	43.35
2.026	11.11	47.39	2.33	9.43	1.25	1.56	43.37
2.051	11.1	47.4	2.56	9.44	1.25	1.54	43.39
2.074	11.11	47.43	2.44	9.44	1.24	1.59	43.41
2.097	11.11	47.44	2.37	9.44	1.23	1.59	43.42
2.119	11.12	47.45	2.48	9.43	1.23	1.59	43.42
2.138	11.12	47.46	2.37	9.43	1.24	1.61	43.42
2.156	11.13	47.46	2.37	9.43	1.23	1.61	43.42
2.176	11.13	47.46	2.44	9.42	1.22	1.75	43.42
2.197	11.13	47.46	2.48	9.42	1.22	1.61	43.42
2.217	11.14	47.46	2.4	9.42	1.22	1.69	43.42
2.237	11.14	47.46	2.56	9.42	1.21	1.61	43.41
2.257	11.14	47.46	2.59	9.42	1.21	1.67	43.41
2.278	11.14	47.46	2.33	9.43	1.21	1.62	43.41
2.297	11.14	47.44	2.44	9.42	1.21	1.63	43.39
2.315	11.13	47.44	2.44	9.43	1.2	1.62	43.39
2.336	11.13	47.44	2.44	9.42	1.2	1.63	43.4
2.358	11.12	47.44	2.4	9.42	1.2	1.63	43.4
2.381	11.12	47.43	2.29	9.43	1.19	1.6	43.4
2.4	11.12	47.41	2.33	9.43	1.19	1.57	43.38
2.418	11.12	47.4	2.63	9.44	1.19	1.57	43.37
2.439	11.11	47.4	2.48	9.44	1.19	1.53	43.38
2.461	11.1	47.41	2.56	9.44	1.19	1.57	43.39
2.481	11.1	47.4	2.4	9.45	1.19	1.57	43.39
2.501	11.1	47.42	2.33	9.45	1.18	1.62	43.41
2.525	11.1	47.44	2.63	9.45	1.18	1.6	43.43
2.549	11.11	47.45	2.63	9.44	1.18	1.59	43.43
2.565	11.12	47.43	2.63	9.45	1.18	1.61	43.4
2.582	11.12	47.45	2.56	9.44	1.17	1.62	43.43
2.606	11.11	47.48	2.48	9.44	1.17	1.6	43.46
2.626	11.12	47.49	2.29	9.43	1.17	1.6	43.45
2.641	11.13	47.49	2.37	9.42	1.17	1.63	43.45
2.662	11.13	47.51	2.59	9.42	1.16	1.68	43.47
2.688	11.13	47.54	2.63	9.42	1.16	1.61	43.49
2.712	11.14	47.54	2.56	9.42	1.16	1.59	43.49
2.731	11.14	47.52	2.48	9.41	1.16	1.63	43.46

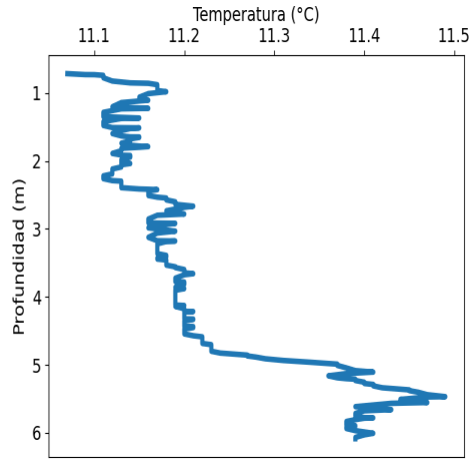
2.749	11.14	47.51	2.52	9.42	1.16	1.59	43.46
2.769	11.13	47.52	2.56	9.42	1.16	1.69	43.48
2.79	11.13	47.53	2.56	9.43	1.15	1.63	43.49
2.812	11.13	47.52	2.37	9.43	1.15	1.65	43.48
2.833	11.13	47.53	2.52	9.43	1.15	1.61	43.48
2.857	11.13	47.52	2.59	9.42	1.15	1.61	43.48
2.876	11.14	47.51	2.52	9.42	1.15	1.66	43.46
2.892	11.14	47.49	2.63	9.42	1.15	1.61	43.44
2.913	11.13	47.49	2.56	9.42	1.15	1.57	43.45
2.94	11.13	47.51	2.52	9.42	1.15	1.54	43.48
2.965	11.13	47.5	2.37	9.41	1.15	1.6	43.46
2.984	11.13	47.47	2.33	9.41	1.15	1.59	43.42
3.0	11.13	47.46	2.63	9.42	1.15	1.63	43.41
3.02	11.12	47.47	2.44	9.42	1.14	1.62	43.43
3.042	11.13	47.49	2.63	9.43	1.14	1.56	43.45
3.063	11.13	47.5	2.56	9.43	1.14	1.56	43.46
3.086	11.13	47.52	2.63	9.42	1.14	1.59	43.47
3.108	11.14	47.53	2.48	9.42	1.13	1.61	43.48
3.129	11.14	47.53	2.56	9.42	1.14	1.57	43.48
3.148	11.15	47.54	2.48	9.42	1.13	1.57	43.48
3.17	11.15	47.54	2.56	9.41	1.13	1.62	43.48
3.19	11.15	47.55	2.67	9.42	1.13	1.57	43.49
3.209	11.16	47.56	2.37	9.41	1.13	1.59	43.49
3.232	11.16	47.57	2.48	9.41	1.12	1.59	43.5
3.254	11.16	47.58	2.4	9.41	1.12	1.6	43.5
3.277	11.17	47.59	2.56	9.42	1.12	1.62	43.51
3.301	11.17	47.59	2.56	9.42	1.12	1.61	43.5
3.322	11.17	47.58	2.56	9.43	1.12	1.65	43.5
3.34	11.17	47.58	2.44	9.43	1.12	1.62	43.5
3.361	11.16	47.59	2.37	9.43	1.12	1.6	43.5
3.384	11.16	47.59	2.63	9.43	1.12	1.63	43.51
3.402	11.16	47.57	2.52	9.43	1.11	1.63	43.49
3.424	11.16	47.58	2.48	9.43	1.11	1.6	43.5
3.452	11.16	47.6	2.44	9.43	1.11	1.62	43.52
3.484	11.17	47.61	2.67	9.42	1.11	1.6	43.53
3.509	11.17	47.6	2.44	9.42	1.11	1.61	43.51
3.528	11.14	47.47	2.59	9.43	1.11	1.59	43.42
3.529	11.08	47.46	2.37	9.44	1.11	1.57	43.48
3.53	11.08	47.48	2.48	9.45	1.12	1.65	43.5
3.532	11.08	47.49	2.44	9.45	1.12	1.57	43.51
3.534	11.12	47.51	2.48	9.43	1.15	1.59	43.48
3.535	11.12	47.51	2.29	9.44	1.15	1.57	43.48
3.537	11.12	47.51	2.59	9.44	1.15	1.59	43.49
3.538	11.11	47.5	2.67	9.44	1.16	1.59	43.47
3.54	11.11	47.49	2.59	9.44	1.16	1.61	43.48
3.541	11.11	47.5	2.56	9.44	1.16	1.6	43.48
3.548	11.11	47.53	2.48	9.44	1.16	1.62	43.52
3.562	11.12	47.57	2.71	9.44	1.15	1.62	43.55
3.587	11.13	47.59	2.59	9.43	1.15	1.6	43.55
3.611	11.15	47.6	2.71	9.43	1.15	1.68	43.54
3.632	11.15	47.61	2.63	9.42	1.15	1.63	43.54
3.651	11.16	47.6	2.63	9.42	1.15	1.59	43.53
3.665	11.16	47.59	2.56	9.43	1.15	1.55	43.51
3.669	11.15	47.56	2.63	9.43	1.14	1.56	43.49
3.67	11.15	47.55	2.63	9.43	1.15	1.61	43.49
3.672	11.15	47.53	2.37	9.43	1.15	1.57	43.47
3.673	11.15	47.54	2.52	9.42	1.15	1.61	43.47
3.674	11.14	47.54	2.59	9.42	1.15	1.59	43.48

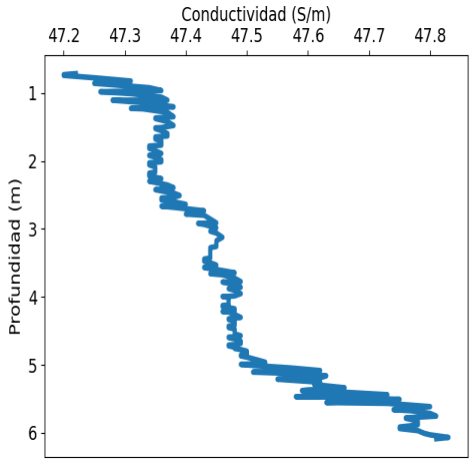
3.676	11.14	47.54	2.56	9.43	1.16	1.59	43.49
3.685	11.14	47.58	2.59	9.43	1.15	1.59	43.53
3.705	11.14	47.6	2.63	9.43	1.15	1.6	43.55
3.727	11.15	47.62	2.67	9.42	1.15	1.61	43.55
3.748	11.16	47.63	2.59	9.42	1.15	1.66	43.55
3.769	11.17	47.62	2.71	9.42	1.15	1.63	43.54
3.787	11.17	47.62	2.71	9.42	1.14	1.6	43.53
3.806	11.17	47.62	2.67	9.43	1.14	1.57	43.54
3.826	11.17	47.63	2.9	9.43	1.14	1.57	43.55
3.847	11.17	47.64	2.71	9.42	1.14	1.57	43.55
3.87	11.17	47.64	2.56	9.41	1.14	1.63	43.56
3.889	11.18	47.65	2.63	9.41	1.13	1.59	43.55
3.906	11.18	47.65	2.4	9.4	1.13	1.56	43.56
3.923	11.18	47.66	2.63	9.4	1.13	1.59	43.56
3.94	11.18	47.66	2.59	9.39	1.13	1.63	43.56
3.958	11.18	47.67	2.52	9.39	1.13	1.6	43.57
3.98	11.19	47.68	2.67	9.4	1.13	1.63	43.58
4.003	11.19	47.69	2.56	9.4	1.12	1.57	43.58
4.018	11.19	47.67	2.4	9.41	1.12	1.53	43.56
4.031	11.19	47.67	2.56	9.41	1.12	1.57	43.56
4.05	11.19	47.69	2.44	9.41	1.12	1.56	43.58
4.071	11.19	47.69	2.63	9.41	1.11	1.59	43.58
4.085	11.18	47.62	2.59	9.41	1.12	1.6	43.51
4.086	11.18	47.62	2.56	9.42	1.12	1.57	43.52
4.087	11.18	47.62	2.37	9.42	1.12	1.56	43.53
4.088	11.17	47.62	2.48	9.43	1.12	1.57	43.53
4.09	11.17	47.62	2.59	9.42	1.12	1.61	43.53
4.091	11.17	47.62	2.71	9.43	1.13	1.62	43.53
4.092	11.17	47.62	2.59	9.43	1.13	1.63	43.54
4.096	11.17	47.63	2.48	9.42	1.13	1.63	43.54
4.107	11.17	47.65	2.75	9.42	1.12	1.63	43.56
4.127	11.17	47.66	2.33	9.41	1.12	1.66	43.58
4.146	11.18	47.67	2.56	9.41	1.12	1.67	43.58
4.164	11.18	47.67	2.67	9.41	1.12	1.6	43.57
4.181	11.19	47.67	2.56	9.41	1.12	1.57	43.57
4.2	11.19	47.68	2.59	9.4	1.12	1.57	43.57
4.22	11.19	47.68	2.52	9.41	1.11	1.6	43.57
4.24	11.19	47.68	2.52	9.4	1.11	1.6	43.57
4.256	11.19	47.67	2.59	9.41	1.11	1.62	43.56
4.272	11.19	47.67	2.63	9.42	1.11	1.61	43.57
4.293	11.19	47.68	2.63	9.41	1.11	1.63	43.57
4.312	11.19	47.68	2.75	9.41	1.11	1.57	43.57
4.328	11.19	47.67	2.56	9.42	1.1	1.6	43.57
4.344	11.19	47.68	2.59	9.42	1.1	1.61	43.57
4.365	11.19	47.69	2.63	9.41	1.1	1.63	43.58
4.387	11.19	47.69	2.4	9.41	1.1	1.59	43.59
4.404	11.19	47.69	2.82	9.41	1.1	1.59	43.58
4.421	11.19	47.7	2.71	9.41	1.09	1.56	43.59
4.442	11.19	47.7	2.94	9.41	1.09	1.61	43.59
4.462	11.19	47.7	2.86	9.41	1.09	1.63	43.59
4.478	11.19	47.7	2.75	9.41	1.09	1.57	43.58
4.497	11.19	47.7	2.67	9.41	1.08	1.61	43.59
4.516	11.19	47.71	2.63	9.41	1.08	1.6	43.59
4.536	11.2	47.71	2.71	9.4	1.08	1.65	43.6
4.554	11.2	47.71	2.75	9.4	1.08	1.66	43.6
4.575	11.2	47.72	2.75	9.4	1.08	1.57	43.6
4.596	11.2	47.72	2.59	9.4	1.07	1.6	43.6
4.613	11.2	47.72	2.63	9.41	1.07	1.57	43.6

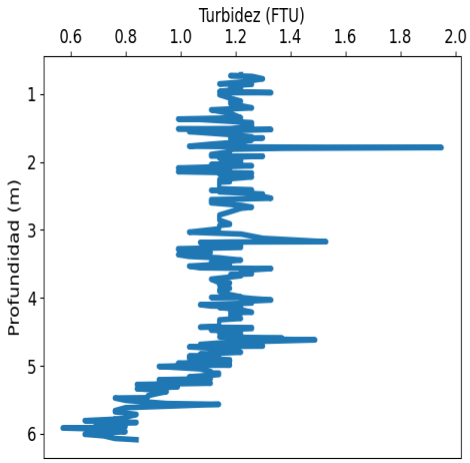
4.63	11.2	47.72	2.75	9.41	1.07	1.61	43.6
4.65	11.2	47.72	2.71	9.42	1.07	1.65	43.6
4.67	11.2	47.72	2.9	9.42	1.06	1.63	43.6
4.689	11.2	47.73	2.75	9.42	1.06	1.59	43.6
4.707	11.2	47.73	2.82	9.42	1.06	1.63	43.6
4.725	11.2	47.72	2.79	9.42	1.06	1.66	43.6
4.743	11.2	47.72	2.71	9.41	1.06	1.66	43.6
4.76	11.2	47.73	2.79	9.41	1.05	1.6	43.6
4.778	11.2	47.72	2.67	9.4	1.05	1.79	43.6
4.79	11.2	47.72	2.75	9.4	1.05	1.86	43.59
4.796	11.2	47.71	2.59	9.4	1.05	1.77	43.59
4.799	11.2	47.71	2.71	9.4	1.05	1.69	43.59
4.802	11.2	47.71	2.71	9.4	1.05	1.72	43.59
4.803	11.2	47.71	2.79	9.4	1.05	1.77	43.59
4.805	11.2	47.71	2.48	9.4	1.06	1.74	43.59
4.807	11.2	47.71	2.71	9.4	1.06	1.75	43.6

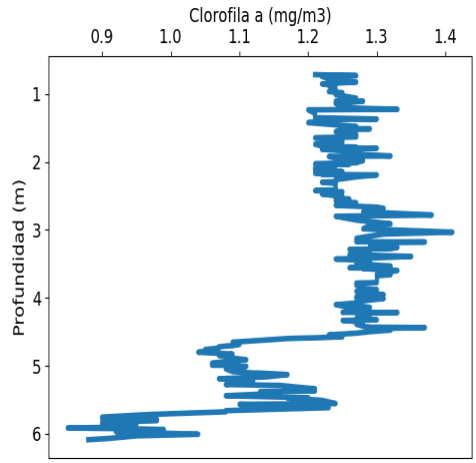
Nombre: CTD N02 - Punto 002 **Fecha: 20/01/2025** **Hora: 08:01:49**

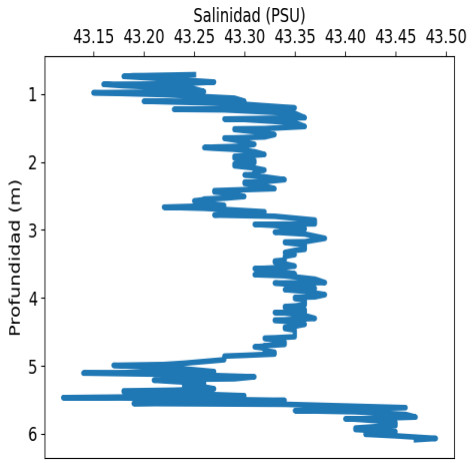


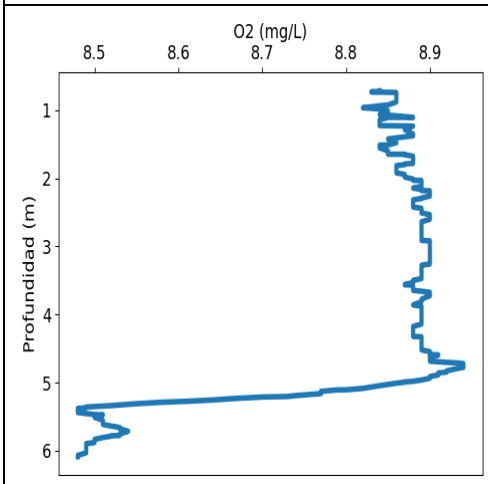


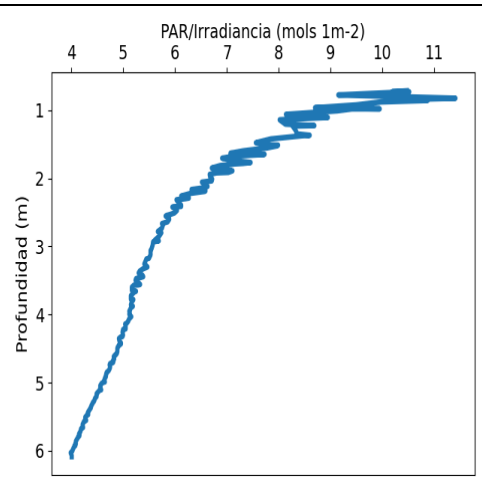












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.07	47.2	0.57	8.48	3.99	0.85	43.12
PROF (metros)	0.713	0.727	5.916	5.38	6.031	5.916	5.469
MÁXIMO	11.49	11.49	1.95	8.94	11.41	1.41	43.49
PROF (metros)	5.469	6.069	1.787	4.721	0.822	3.032	6.069

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	11.14	47.26	1.22	8.85	10.04	1.24	43.21
1 - 2m	11.14	47.35	1.2	8.86	7.64	1.25	43.3
2 - 3m	11.15	47.37	1.17	8.89	6.1	1.25	43.3
3 - 4m	11.18	47.45	1.16	8.89	5.3	1.3	43.35
4 - 5m	11.23	47.48	1.17	8.9	4.88	1.19	43.32
5 - 6m	11.41	47.68	0.88	8.58	4.3	1.07	43.31
6 - 7m	11.4	47.81	0.74	8.48	4.01	0.94	43.46

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	11.07	47.22	1.22	8.84	10.47	1.21	43.25
0.727	11.09	47.2	1.22	8.84	10.19	1.27	43.2
0.728	11.1	47.2	1.18	8.83	10.52	1.22	43.19
0.738	11.11	47.2	1.26	8.86	10.18	1.22	43.18
0.774	11.11	47.25	1.3	8.86	9.15	1.23	43.22
0.822	11.12	47.31	1.22	8.86	11.41	1.27	43.27
0.849	11.14	47.29	1.14	8.86	10.13	1.22	43.23
0.855	11.16	47.25	1.26	8.86	10.87	1.24	43.16
0.876	11.17	47.28	1.18	8.86	9.98	1.23	43.18
0.92	11.17	47.34	1.22	8.85	9.5	1.24	43.25
0.962	11.17	47.36	1.14	8.82	8.7	1.23	43.26
0.978	11.18	47.27	1.33	8.84	9.95	1.25	43.16
0.979	11.18	47.26	1.18	8.84	9.41	1.25	43.15
1.007	11.16	47.31	1.14	8.85	9.13	1.24	43.22
1.059	11.15	47.36	1.18	8.84	8.14	1.27	43.29
1.103	11.15	47.37	1.22	8.88	8.26	1.24	43.3
1.104	11.16	47.28	1.18	8.85	8.95	1.28	43.2
1.139	11.13	47.33	1.18	8.84	8.02	1.24	43.29
1.202	11.12	47.38	1.26	8.84	8.13	1.26	43.35
1.224	11.16	47.31	1.14	8.84	8.69	1.33	43.23
1.231	11.13	47.33	1.11	8.88	8.27	1.2	43.28
1.283	11.11	47.37	1.18	8.87	8.32	1.21	43.35
1.347	11.11	47.38	1.22	8.88	8.36	1.21	43.36
1.366	11.15	47.35	0.99	8.88	8.6	1.3	43.28
1.373	11.13	47.35	1.07	8.88	8.45	1.24	43.3
1.42	11.11	47.37	1.26	8.85	7.85	1.2	43.35
1.476	11.11	47.38	1.26	8.86	7.56	1.27	43.36
1.507	11.12	47.36	1.18	8.85	7.82	1.26	43.32
1.511	11.15	47.35	0.99	8.84	7.99	1.29	43.29
1.521	11.14	47.35	1.33	8.84	7.97	1.25	43.29
1.552	11.13	47.36	1.03	8.84	7.77	1.24	43.31
1.595	11.12	47.37	1.18	8.85	7.32	1.27	43.33
1.63	11.13	47.37	1.26	8.85	7.07	1.27	43.32
1.644	11.14	47.35	1.18	8.85	7.49	1.21	43.29
1.645	11.15	47.35	1.3	8.87	7.73	1.25	43.28

1.651	11.15	47.35	1.18	8.87	7.65	1.25	43.28
1.674	11.14	47.35	1.26	8.88	7.13	1.23	43.29
1.703	11.14	47.36	1.22	8.88	6.91	1.25	43.3
1.737	11.13	47.36	1.11	8.88	7.13	1.21	43.31
1.766	11.14	47.36	1.03	8.88	7.46	1.22	43.3
1.779	11.15	47.34	1.33	8.88	7.31	1.27	43.27
1.787	11.16	47.34	1.95	8.87	7.14	1.22	43.26
1.797	11.15	47.34	1.37	8.87	7.06	1.3	43.27
1.812	11.13	47.34	1.18	8.86	6.87	1.22	43.29
1.848	11.13	47.35	1.18	8.86	6.71	1.27	43.31
1.888	11.12	47.36	1.11	8.86	7.11	1.28	43.32
1.911	11.13	47.35	1.11	8.86	7.03	1.32	43.3
1.914	11.13	47.34	1.3	8.86	6.91	1.26	43.29
1.918	11.14	47.34	1.26	8.86	6.8	1.23	43.29
1.941	11.14	47.35	1.14	8.87	6.67	1.24	43.29
1.979	11.13	47.36	1.22	8.87	6.68	1.28	43.31
2.01	11.13	47.36	1.22	8.88	6.72	1.27	43.31
2.027	11.13	47.34	1.14	8.88	6.7	1.21	43.29
2.031	11.13	47.34	1.14	8.89	6.7	1.26	43.29
2.036	11.14	47.34	1.11	8.89	6.71	1.24	43.29
2.055	11.13	47.34	1.26	8.89	6.52	1.24	43.29
2.087	11.13	47.35	0.99	8.89	6.58	1.21	43.31
2.117	11.12	47.35	1.18	8.89	6.63	1.21	43.32
2.142	11.12	47.35	0.99	8.88	6.52	1.25	43.31
2.163	11.12	47.35	1.26	8.89	6.32	1.21	43.31
2.178	11.12	47.34	1.14	8.89	6.38	1.23	43.31
2.182	11.12	47.34	1.18	8.9	6.59	1.22	43.31
2.189	11.12	47.34	1.18	8.9	6.58	1.3	43.3
2.218	11.11	47.34	1.26	8.9	6.31	1.27	43.32
2.259	11.11	47.36	1.14	8.9	6.12	1.24	43.34
2.288	11.12	47.35	1.18	8.89	6.27	1.24	43.32
2.296	11.13	47.34	1.14	8.89	6.21	1.22	43.3
2.314	11.13	47.35	1.14	8.88	6.03	1.24	43.3
2.353	11.13	47.37	1.14	8.88	6.07	1.24	43.32
2.392	11.13	47.38	1.14	8.88	6.12	1.24	43.33
2.411	11.15	47.36	1.26	8.88	6.12	1.24	43.29
2.415	11.16	47.36	1.11	8.88	5.99	1.22	43.28
2.421	11.17	47.35	1.14	8.88	5.95	1.21	43.27
2.439	11.16	47.36	1.14	8.89	6.0	1.25	43.27
2.471	11.16	47.38	1.3	8.89	6.04	1.22	43.29
2.507	11.16	47.39	1.3	8.89	5.99	1.25	43.3
2.532	11.17	47.38	1.33	8.9	5.9	1.24	43.28
2.544	11.18	47.36	1.22	8.9	5.84	1.26	43.26
2.553	11.18	47.36	1.11	8.9	5.82	1.25	43.26
2.572	11.18	47.36	1.11	8.9	5.88	1.24	43.25
2.6	11.19	47.38	1.11	8.9	5.89	1.27	43.26
2.637	11.19	47.4	1.22	8.89	5.86	1.24	43.28
2.664	11.21	47.36	1.26	8.89	5.75	1.3	43.22
2.681	11.2	47.38	1.22	8.89	5.77	1.31	43.26
2.732	11.18	47.43	1.18	8.89	5.75	1.28	43.32
2.78	11.2	47.4	1.14	8.89	5.67	1.38	43.27
2.798	11.17	47.43	1.14	8.89	5.74	1.24	43.33
2.854	11.16	47.44	1.14	8.89	5.69	1.27	43.37
2.91	11.16	47.45	1.18	8.89	5.61	1.32	43.37
2.917	11.19	47.42	1.18	8.9	5.69	1.3	43.31
2.933	11.18	47.43	1.14	8.9	5.58	1.29	43.33
2.983	11.16	47.45	1.14	8.9	5.57	1.28	43.36
3.032	11.19	47.44	1.03	8.9	5.55	1.41	43.33

3.06	11.17	47.45	1.22	8.9	5.53	1.31	43.36
3.123	11.16	47.46	1.3	8.9	5.53	1.27	43.38
3.173	11.17	47.45	1.53	8.9	5.5	1.27	43.36
3.177	11.19	47.45	1.18	8.9	5.48	1.37	43.34
3.184	11.18	47.45	1.07	8.9	5.45	1.31	43.34
3.219	11.17	47.45	1.22	8.9	5.43	1.29	43.36
3.257	11.17	47.45	1.22	8.9	5.41	1.33	43.36
3.276	11.17	47.44	0.99	8.89	5.44	1.32	43.36
3.285	11.17	47.44	0.99	8.89	5.45	1.26	43.36
3.301	11.17	47.44	1.07	8.89	5.47	1.29	43.35
3.331	11.17	47.44	1.11	8.89	5.38	1.27	43.34
3.363	11.17	47.44	0.99	8.89	5.32	1.26	43.35
3.389	11.18	47.44	1.03	8.89	5.3	1.35	43.34
3.41	11.18	47.44	1.14	8.89	5.35	1.3	43.34
3.428	11.17	47.44	1.18	8.89	5.38	1.24	43.34
3.443	11.17	47.43	1.22	8.89	5.39	1.27	43.34
3.457	11.18	47.43	1.18	8.89	5.33	1.27	43.33
3.473	11.18	47.43	1.11	8.89	5.25	1.29	43.33
3.497	11.18	47.44	1.18	8.88	5.24	1.27	43.34
3.532	11.18	47.45	1.03	8.88	5.29	1.32	43.35
3.557	11.19	47.44	1.07	8.87	5.33	1.26	43.33
3.564	11.19	47.43	1.22	8.87	5.3	1.32	43.32
3.568	11.19	47.43	1.33	8.88	5.21	1.28	43.31
3.597	11.2	47.45	1.22	8.88	5.17	1.33	43.33
3.645	11.2	47.48	1.26	8.88	5.17	1.3	43.35
3.658	11.21	47.44	1.18	8.89	5.25	1.32	43.31
3.674	11.2	47.46	1.22	8.9	5.21	1.3	43.34
3.724	11.19	47.48	1.11	8.9	5.15	1.3	43.37
3.775	11.19	47.49	1.14	8.89	5.15	1.3	43.38
3.781	11.2	47.46	1.18	8.89	5.2	1.27	43.33
3.813	11.2	47.48	1.14	8.89	5.17	1.27	43.36
3.858	11.19	47.49	1.18	8.88	5.15	1.28	43.37
3.878	11.2	47.47	1.14	8.89	5.19	1.3	43.34
3.903	11.19	47.48	1.14	8.89	5.15	1.27	43.36
3.952	11.19	47.49	1.18	8.89	5.12	1.31	43.38
3.985	11.19	47.48	1.22	8.89	5.13	1.27	43.37
3.992	11.19	47.47	1.11	8.89	5.13	1.3	43.35
3.994	11.19	47.46	1.22	8.89	5.12	1.27	43.35
4.01	11.19	47.47	1.26	8.89	5.13	1.31	43.35
4.031	11.19	47.47	1.33	8.89	5.16	1.29	43.36
4.053	11.19	47.47	1.22	8.89	5.13	1.27	43.36
4.075	11.19	47.47	1.26	8.89	5.11	1.27	43.36
4.1	11.19	47.47	1.07	8.89	5.1	1.24	43.36
4.119	11.19	47.47	1.11	8.89	5.08	1.25	43.35
4.127	11.2	47.46	1.22	8.89	5.07	1.28	43.34
4.14	11.19	47.46	1.14	8.89	5.04	1.29	43.34
4.175	11.2	47.48	1.22	8.88	5.05	1.27	43.36
4.212	11.2	47.48	1.26	8.88	5.05	1.25	43.36
4.215	11.21	47.46	1.18	8.88	5.01	1.33	43.33
4.221	11.2	47.47	1.22	8.88	5.0	1.27	43.34
4.26	11.2	47.48	1.18	8.88	4.99	1.29	43.36
4.302	11.2	47.49	1.22	8.88	5.0	1.27	43.37
4.323	11.2	47.47	1.14	8.88	4.99	1.3	43.34
4.326	11.21	47.47	1.14	8.89	4.97	1.28	43.33
4.332	11.21	47.47	1.14	8.89	4.95	1.25	43.33
4.353	11.2	47.48	1.14	8.89	4.92	1.28	43.35
4.388	11.2	47.48	1.14	8.89	4.93	1.27	43.36
4.418	11.2	47.48	1.14	8.89	4.96	1.28	43.35

4.431	11.2	47.47	1.07	8.89	4.96	1.29	43.34
4.437	11.21	47.47	1.26	8.89	4.93	1.37	43.34
4.451	11.21	47.47	1.26	8.89	4.93	1.3	43.34
4.474	11.2	47.48	1.11	8.89	4.9	1.32	43.35
4.497	11.2	47.48	1.22	8.89	4.89	1.29	43.35
4.519	11.2	47.48	1.14	8.89	4.89	1.27	43.35
4.545	11.2	47.48	1.22	8.9	4.89	1.23	43.35
4.572	11.21	47.49	1.14	8.9	4.88	1.25	43.35
4.588	11.22	47.48	1.3	8.9	4.86	1.21	43.33
4.592	11.22	47.47	1.37	8.91	4.86	1.19	43.32
4.598	11.22	47.47	1.22	8.91	4.84	1.17	43.32
4.619	11.22	47.48	1.49	8.9	4.82	1.14	43.33
4.652	11.22	47.49	1.18	8.9	4.83	1.09	43.34
4.685	11.22	47.49	1.07	8.9	4.8	1.1	43.34
4.703	11.23	47.48	1.14	8.92	4.81	1.09	43.32
4.709	11.23	47.47	1.3	8.93	4.79	1.08	43.32
4.721	11.23	47.47	1.03	8.94	4.75	1.07	43.31
4.74	11.23	47.48	1.11	8.94	4.74	1.07	43.32
4.759	11.23	47.48	1.11	8.94	4.75	1.05	43.32
4.776	11.23	47.49	1.14	8.94	4.75	1.06	43.32
4.8	11.23	47.5	1.22	8.93	4.74	1.04	43.33
4.827	11.24	47.5	1.07	8.92	4.72	1.09	43.33
4.846	11.26	47.5	1.14	8.92	4.69	1.07	43.3
4.857	11.27	47.49	1.03	8.91	4.68	1.08	43.28
4.869	11.27	47.49	1.11	8.91	4.68	1.08	43.28
4.887	11.28	47.5	1.03	8.91	4.67	1.09	43.28
4.911	11.29	47.51	1.18	8.9	4.67	1.11	43.28
4.936	11.31	47.52	1.18	8.9	4.65	1.08	43.26
4.962	11.34	47.53	0.99	8.89	4.64	1.06	43.24
4.981	11.36	47.53	1.07	8.88	4.63	1.09	43.22
4.99	11.37	47.5	1.18	8.87	4.65	1.06	43.18
4.993	11.37	47.49	1.07	8.87	4.63	1.08	43.17
5.009	11.37	47.51	0.92	8.86	4.59	1.11	43.19
5.045	11.38	47.57	1.07	8.84	4.56	1.08	43.24
5.085	11.39	47.62	1.11	8.82	4.56	1.09	43.27
5.106	11.41	47.51	1.11	8.8	4.58	1.12	43.14
5.107	11.41	47.51	1.14	8.79	4.55	1.13	43.14
5.129	11.38	47.58	1.14	8.77	4.53	1.17	43.24
5.162	11.36	47.63	1.03	8.77	4.49	1.14	43.31
5.191	11.37	47.62	1.11	8.74	4.49	1.07	43.29
5.204	11.38	47.56	0.92	8.73	4.49	1.11	43.22
5.212	11.39	47.55	0.95	8.7	4.48	1.11	43.21
5.231	11.39	47.58	0.99	8.67	4.46	1.12	43.23
5.256	11.4	47.62	1.11	8.64	4.45	1.1	43.26
5.275	11.4	47.61	0.84	8.61	4.44	1.08	43.25
5.289	11.41	47.61	0.95	8.58	4.42	1.16	43.24
5.31	11.41	47.63	0.99	8.55	4.41	1.18	43.26
5.338	11.42	47.66	0.84	8.52	4.39	1.21	43.27
5.359	11.44	47.64	0.92	8.49	4.38	1.17	43.23
5.369	11.45	47.6	0.92	8.49	4.38	1.21	43.18
5.38	11.45	47.59	0.95	8.48	4.37	1.13	43.18
5.404	11.46	47.66	0.92	8.48	4.35	1.16	43.23
5.44	11.47	47.73	0.88	8.48	4.32	1.08	43.3
5.469	11.49	47.58	0.88	8.5	4.33	1.2	43.12
5.474	11.47	47.63	0.76	8.51	4.31	1.17	43.18
5.509	11.44	47.75	0.8	8.5	4.27	1.22	43.34
5.555	11.47	47.63	0.95	8.51	4.29	1.24	43.19
5.567	11.43	47.73	1.14	8.51	4.25	1.1	43.34

5.616	11.39	47.8	0.8	8.51	4.22	1.23	43.46
5.66	11.43	47.74	0.76	8.53	4.23	1.08	43.35
5.677	11.4	47.77	0.76	8.53	4.19	1.08	43.41
5.716	11.39	47.8	0.84	8.54	4.18	0.97	43.46
5.755	11.39	47.81	0.8	8.53	4.15	0.9	43.47
5.777	11.4	47.77	0.8	8.53	4.15	0.9	43.42
5.781	11.41	47.76	0.76	8.52	4.16	0.93	43.4
5.786	11.4	47.76	0.76	8.52	4.15	0.98	43.41
5.807	11.39	47.77	0.65	8.51	4.13	0.98	43.43
5.834	11.38	47.78	0.84	8.5	4.11	0.9	43.45
5.86	11.38	47.78	0.72	8.5	4.09	0.95	43.45
5.881	11.38	47.78	0.69	8.5	4.09	0.9	43.45
5.896	11.39	47.77	0.8	8.49	4.09	0.9	43.43
5.906	11.39	47.76	0.72	8.49	4.08	0.91	43.42
5.916	11.38	47.75	0.57	8.49	4.07	0.85	43.41
5.925	11.38	47.75	0.65	8.49	4.08	0.93	43.41
5.938	11.38	47.75	0.72	8.49	4.06	0.99	43.41
5.969	11.39	47.78	0.8	8.49	4.04	0.92	43.45
6.008	11.41	47.79	0.65	8.49	4.02	1.04	43.42
6.031	11.4	47.8	0.72	8.49	3.99	0.95	43.45
6.069	11.39	47.83	0.76	8.48	4.01	0.91	43.49
6.088	11.39	47.81	0.84	8.48	4.01	0.88	43.47

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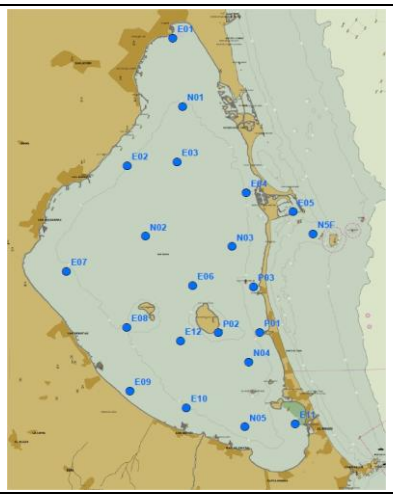
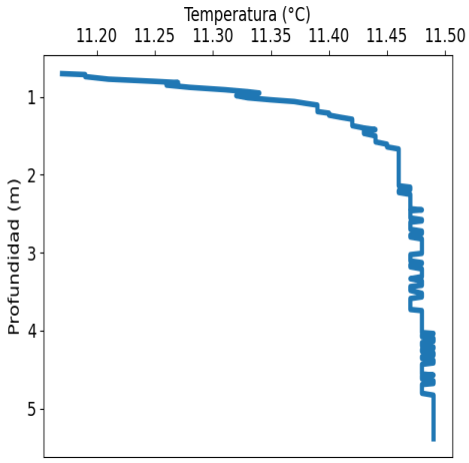
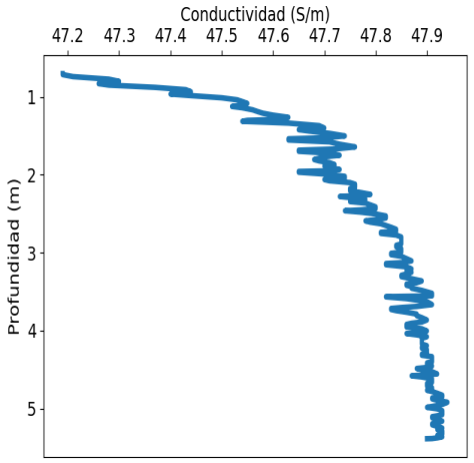
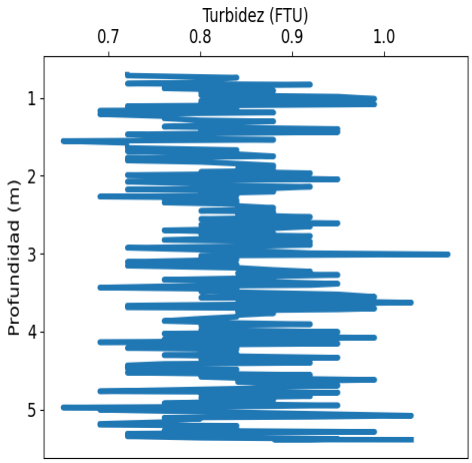
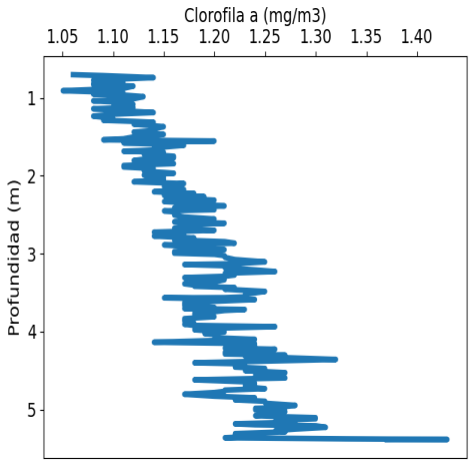
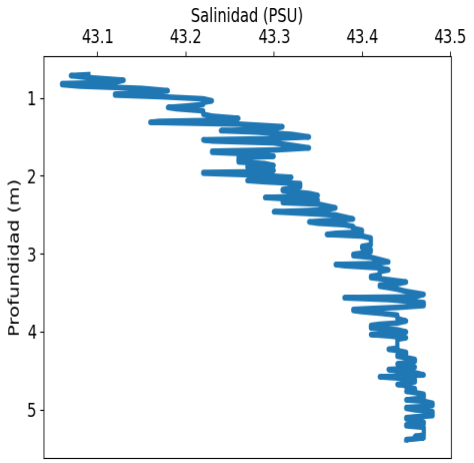


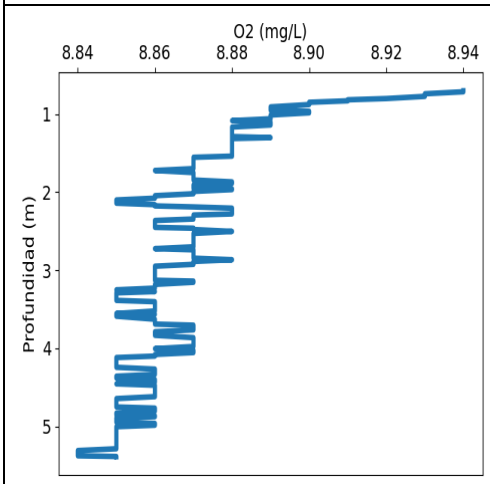


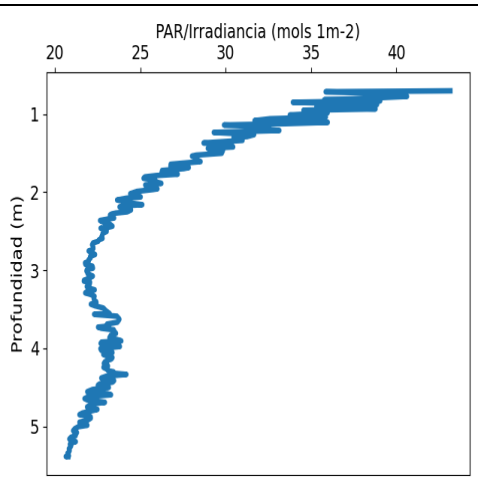












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.17	47.19	0.65	8.84	20.62	1.05	43.06
PROF (metros)	0.7	0.7	1.552	5.311	5.387	0.906	0.815
MÁXIMO	11.49	11.49	1.07	8.94	43.19	1.43	43.48
PROF (metros)	4.026	4.921	3.008	0.7	0.7	5.386	4.921

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	11.26	47.32	0.81	8.91	37.49	1.1	43.11
1 - 2m	11.43	47.65	0.81	8.88	28.94	1.13	43.26
2 - 3m	11.47	47.79	0.84	8.87	23.03	1.17	43.36
3 - 4m	11.48	47.86	0.85	8.86	22.64	1.2	43.42
4 - 5m	11.48	47.9	0.83	8.86	22.6	1.23	43.45
5 - 6m	11.49	47.92	0.83	8.85	20.96	1.28	43.46

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	11.17	47.19	0.72	8.94	43.19	1.06	43.09
0.712	11.19	47.19	0.72	8.94	35.86	1.09	43.07
0.738	11.19	47.21	0.84	8.93	39.67	1.14	43.09
0.771	11.21	47.28	0.8	8.93	40.65	1.08	43.13
0.799	11.25	47.3	0.8	8.92	38.04	1.11	43.12
0.815	11.27	47.27	0.72	8.91	35.78	1.08	43.06
0.828	11.26	47.26	0.92	8.91	39.08	1.08	43.06
0.847	11.26	47.28	0.8	8.9	33.94	1.12	43.08
0.876	11.28	47.37	0.76	8.9	38.89	1.11	43.15
0.906	11.31	47.43	0.88	8.89	35.32	1.05	43.18
0.932	11.33	47.44	0.8	8.89	38.8	1.11	43.16
0.949	11.34	47.41	0.84	8.89	34.56	1.08	43.12
0.962	11.33	47.4	0.8	8.9	35.03	1.11	43.12
0.982	11.32	47.44	0.95	8.9	35.99	1.13	43.17
1.01	11.33	47.5	0.99	8.89	33.76	1.12	43.22
1.036	11.35	47.53	0.8	8.89	35.89	1.08	43.23
1.058	11.37	47.54	0.8	8.89	32.6	1.11	43.22
1.082	11.38	47.55	0.99	8.88	31.69	1.12	43.22
1.104	11.39	47.54	0.72	8.89	36.0	1.1	43.2
1.121	11.39	47.52	0.8	8.89	33.55	1.12	43.18
1.138	11.39	47.54	0.84	8.89	29.9	1.08	43.19
1.164	11.39	47.56	0.69	8.88	32.56	1.11	43.22
1.187	11.39	47.57	0.88	8.88	31.84	1.14	43.22
1.208	11.4	47.58	0.69	8.88	33.16	1.1	43.22
1.233	11.4	47.6	0.76	8.88	29.3	1.08	43.23
1.261	11.41	47.63	0.76	8.88	31.68	1.1	43.26
1.286	11.42	47.62	0.8	8.88	31.27	1.09	43.24
1.3	11.42	47.55	0.88	8.89	30.46	1.12	43.17
1.312	11.42	47.54	0.84	8.88	30.95	1.14	43.16
1.335	11.42	47.63	0.84	8.88	31.0	1.12	43.26
1.368	11.42	47.69	0.76	8.88	28.7	1.15	43.31
1.398	11.43	47.7	0.95	8.88	30.36	1.14	43.3
1.419	11.44	47.65	0.8	8.88	30.45	1.14	43.24
1.437	11.43	47.67	0.95	8.88	28.95	1.12	43.28
1.467	11.43	47.71	0.72	8.88	29.85	1.15	43.32
1.5	11.44	47.74	0.8	8.88	29.78	1.12	43.34

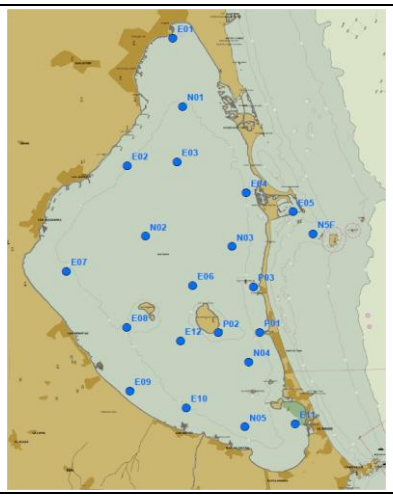
1.524	11.44	47.7	0.8	8.88	28.27	1.11	43.29
1.537	11.44	47.63	0.88	8.88	28.02	1.09	43.22
1.552	11.44	47.63	0.65	8.87	28.27	1.2	43.23
1.576	11.44	47.71	0.72	8.87	28.26	1.11	43.3
1.607	11.45	47.73	0.72	8.87	28.54	1.17	43.32
1.641	11.45	47.76	0.72	8.87	26.77	1.14	43.34
1.668	11.46	47.72	0.84	8.87	26.76	1.14	43.3
1.683	11.46	47.65	0.72	8.87	27.85	1.11	43.23
1.697	11.46	47.65	0.8	8.87	27.55	1.15	43.23
1.721	11.46	47.71	0.84	8.86	26.27	1.13	43.28
1.748	11.46	47.73	0.88	8.87	26.24	1.16	43.3
1.768	11.46	47.7	0.72	8.87	27.2	1.16	43.26
1.786	11.46	47.69	0.8	8.87	25.93	1.13	43.26
1.803	11.46	47.68	0.72	8.87	25.26	1.12	43.26
1.821	11.46	47.69	0.8	8.87	25.18	1.15	43.26
1.843	11.46	47.71	0.84	8.87	25.87	1.16	43.29
1.867	11.46	47.72	0.88	8.88	25.93	1.11	43.3
1.886	11.46	47.7	0.88	8.88	26.24	1.11	43.27
1.906	11.46	47.71	0.84	8.87	25.28	1.14	43.28
1.931	11.46	47.73	0.88	8.87	25.34	1.13	43.3
1.949	11.46	47.7	0.8	8.87	25.82	1.14	43.27
1.956	11.46	47.65	0.88	8.88	26.01	1.15	43.22
1.966	11.46	47.65	0.92	8.88	25.71	1.16	43.22
1.989	11.46	47.7	0.72	8.87	24.8	1.13	43.28
2.019	11.46	47.74	0.84	8.87	24.4	1.15	43.32
2.044	11.46	47.74	0.95	8.86	24.71	1.15	43.31
2.06	11.46	47.7	0.76	8.86	25.03	1.14	43.27
2.076	11.46	47.71	0.72	8.86	24.18	1.12	43.29
2.099	11.46	47.75	0.8	8.85	23.63	1.17	43.33
2.12	11.46	47.76	0.8	8.85	24.16	1.15	43.33
2.14	11.46	47.76	0.92	8.85	24.45	1.15	43.33
2.159	11.47	47.76	0.88	8.86	25.12	1.16	43.32
2.175	11.47	47.75	0.72	8.86	23.97	1.17	43.31
2.188	11.47	47.75	0.88	8.87	23.77	1.16	43.31
2.204	11.46	47.75	0.88	8.88	24.04	1.14	43.32
2.226	11.46	47.77	0.8	8.88	24.46	1.18	43.34
2.251	11.47	47.79	0.84	8.88	24.23	1.15	43.35
2.267	11.47	47.76	0.69	8.88	23.55	1.19	43.32
2.278	11.47	47.73	0.8	8.88	23.32	1.16	43.29
2.292	11.47	47.75	0.76	8.87	23.21	1.17	43.31
2.312	11.47	47.78	0.84	8.87	23.3	1.2	43.35
2.33	11.47	47.76	0.84	8.87	23.47	1.15	43.33
2.343	11.47	47.75	0.76	8.87	23.1	1.17	43.31
2.362	11.47	47.78	0.84	8.86	22.63	1.18	43.35
2.386	11.47	47.79	0.84	8.86	22.86	1.21	43.36
2.411	11.47	47.8	0.88	8.86	23.23	1.16	43.37
2.435	11.47	47.8	0.84	8.86	23.37	1.2	43.36
2.45	11.48	47.77	0.8	8.86	23.11	1.15	43.33
2.461	11.47	47.74	0.88	8.87	22.66	1.16	43.3
2.478	11.47	47.77	0.88	8.87	23.01	1.16	43.33
2.502	11.47	47.8	0.84	8.88	23.03	1.16	43.37
2.528	11.47	47.82	0.92	8.87	22.78	1.17	43.38
2.554	11.47	47.82	0.8	8.87	22.77	1.2	43.39
2.576	11.48	47.8	0.88	8.87	22.7	1.18	43.36
2.591	11.48	47.78	0.84	8.87	22.79	1.16	43.34
2.608	11.47	47.79	0.95	8.87	22.58	1.21	43.35
2.628	11.47	47.81	0.8	8.87	22.53	1.17	43.38
2.65	11.47	47.82	0.92	8.87	22.22	1.17	43.39

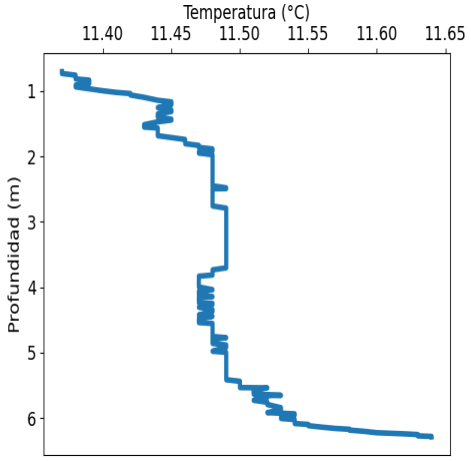
2.673	11.47	47.83	0.88	8.87	22.16	1.16	43.39
2.699	11.47	47.84	0.76	8.87	22.24	1.2	43.4
2.723	11.48	47.84	0.84	8.86	22.25	1.14	43.4
2.738	11.48	47.81	0.88	8.87	22.16	1.16	43.37
2.752	11.48	47.81	0.8	8.87	21.96	1.17	43.36
2.773	11.47	47.84	0.92	8.87	22.14	1.14	43.4
2.798	11.47	47.85	0.84	8.87	22.35	1.18	43.41
2.823	11.48	47.85	0.76	8.87	22.05	1.16	43.41
2.845	11.48	47.85	0.92	8.87	22.08	1.21	43.41
2.865	11.48	47.85	0.88	8.88	21.96	1.22	43.41
2.887	11.48	47.85	0.92	8.87	21.97	1.15	43.41
2.905	11.48	47.84	0.84	8.87	21.75	1.17	43.4
2.924	11.48	47.84	0.72	8.87	21.77	1.17	43.4
2.948	11.48	47.85	0.8	8.86	22.2	1.21	43.41
2.973	11.48	47.85	0.88	8.86	22.23	1.16	43.41
2.993	11.48	47.85	0.92	8.86	21.86	1.16	43.4
3.008	11.48	47.83	1.07	8.86	21.83	1.2	43.39
3.025	11.47	47.83	0.8	8.86	21.88	1.21	43.39
3.046	11.47	47.85	0.8	8.86	21.91	1.21	43.41
3.075	11.47	47.86	0.84	8.86	22.22	1.22	43.42
3.105	11.47	47.87	0.72	8.86	21.98	1.25	43.43
3.128	11.48	47.85	0.8	8.86	21.69	1.22	43.41
3.139	11.48	47.82	0.84	8.87	21.68	1.17	43.37
3.154	11.47	47.82	0.72	8.87	22.06	1.21	43.38
3.181	11.47	47.86	0.84	8.86	22.03	1.21	43.42
3.208	11.48	47.87	0.88	8.86	21.85	1.24	43.43
3.229	11.48	47.86	0.92	8.86	21.96	1.26	43.42
3.251	11.48	47.87	0.84	8.85	22.33	1.21	43.42
3.273	11.48	47.86	0.95	8.86	21.88	1.22	43.42
3.29	11.48	47.85	0.88	8.85	21.76	1.21	43.41
3.307	11.48	47.85	0.88	8.85	22.04	1.17	43.41
3.334	11.47	47.87	0.76	8.85	22.32	1.21	43.43
3.363	11.48	47.89	0.88	8.85	22.26	1.2	43.45
3.386	11.48	47.88	0.95	8.85	22.29	1.17	43.44
3.403	11.48	47.86	0.92	8.86	22.42	1.18	43.42
3.418	11.48	47.86	0.76	8.86	22.43	1.18	43.42
3.435	11.47	47.87	0.69	8.86	22.09	1.22	43.43
3.456	11.47	47.87	0.84	8.86	22.34	1.21	43.44
3.484	11.47	47.89	0.8	8.86	22.83	1.25	43.45
3.522	11.48	47.91	0.95	8.86	23.0	1.23	43.47
3.554	11.48	47.91	0.99	8.85	23.2	1.23	43.46
3.564	11.48	47.82	0.8	8.86	22.28	1.21	43.38
3.567	11.48	47.82	0.84	8.85	22.34	1.15	43.38
3.589	11.47	47.86	0.84	8.85	23.63	1.24	43.43
3.628	11.47	47.9	1.03	8.86	23.78	1.17	43.47
3.666	11.47	47.91	0.72	8.86	23.66	1.17	43.47
3.69	11.47	47.88	0.72	8.86	23.04	1.2	43.44
3.704	11.47	47.85	0.99	8.87	23.16	1.17	43.41
3.716	11.47	47.83	0.95	8.87	23.15	1.23	43.39
3.729	11.47	47.83	0.84	8.87	22.51	1.21	43.39
3.744	11.48	47.84	0.84	8.87	22.72	1.2	43.4
3.764	11.48	47.86	0.88	8.87	23.45	1.18	43.42
3.788	11.48	47.88	0.84	8.86	23.49	1.18	43.44
3.809	11.48	47.88	0.84	8.86	23.58	1.2	43.44
3.834	11.48	47.89	0.8	8.86	23.26	1.17	43.44
3.864	11.48	47.9	0.76	8.87	23.18	1.17	43.45
3.89	11.48	47.89	0.84	8.87	23.66	1.18	43.44
3.906	11.48	47.87	0.92	8.87	23.89	1.17	43.42

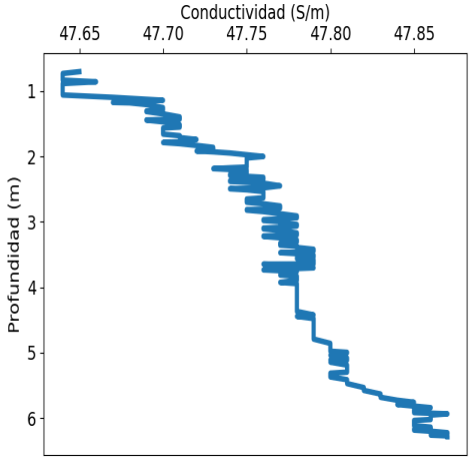
3.921	11.48	47.86	0.8	8.87	22.72	1.18	43.41
3.937	11.48	47.86	0.84	8.87	22.66	1.26	43.41
3.954	11.48	47.86	0.84	8.87	23.4	1.21	43.41
3.977	11.48	47.89	0.8	8.87	23.81	1.18	43.44
4.005	11.48	47.9	0.95	8.86	22.65	1.21	43.45
4.026	11.48	47.89	0.76	8.87	22.7	1.19	43.43
4.038	11.49	47.86	0.92	8.87	23.32	1.2	43.41
4.055	11.48	47.88	0.8	8.87	23.37	1.2	43.43
4.079	11.48	47.9	0.99	8.86	22.82	1.2	43.45
4.1	11.49	47.89	0.76	8.86	23.06	1.24	43.44
4.119	11.49	47.89	0.84	8.85	23.37	1.19	43.44
4.137	11.49	47.89	0.69	8.85	23.31	1.14	43.44
4.155	11.48	47.89	0.95	8.85	23.09	1.24	43.44
4.173	11.48	47.89	0.76	8.85	22.92	1.24	43.44
4.194	11.48	47.9	0.84	8.85	22.85	1.24	43.44
4.212	11.49	47.89	0.72	8.85	23.06	1.21	43.44
4.227	11.49	47.89	0.84	8.85	23.11	1.26	43.43
4.244	11.48	47.9	0.8	8.85	22.83	1.24	43.44
4.267	11.48	47.9	0.8	8.86	23.03	1.21	43.45
4.288	11.49	47.9	0.84	8.86	23.11	1.21	43.45
4.303	11.49	47.89	0.76	8.86	23.44	1.27	43.44
4.317	11.49	47.89	0.84	8.86	23.28	1.23	43.44
4.335	11.48	47.91	0.95	8.86	24.19	1.27	43.45
4.358	11.48	47.91	0.8	8.85	23.0	1.32	43.46
4.382	11.49	47.91	0.84	8.85	22.7	1.24	43.46
4.401	11.49	47.91	0.92	8.86	23.08	1.18	43.45
4.415	11.49	47.9	0.76	8.86	23.47	1.23	43.44
4.434	11.48	47.9	0.72	8.86	23.37	1.23	43.45
4.456	11.48	47.91	0.72	8.85	22.62	1.22	43.46
4.474	11.48	47.9	0.72	8.86	22.5	1.25	43.45
4.487	11.48	47.88	0.84	8.86	23.06	1.25	43.43
4.502	11.48	47.89	0.8	8.86	23.16	1.23	43.44
4.528	11.48	47.91	0.72	8.86	22.2	1.27	43.46
4.557	11.48	47.92	0.92	8.86	21.88	1.24	43.47
4.572	11.49	47.89	0.8	8.86	21.95	1.25	43.44
4.581	11.48	47.87	0.8	8.86	23.04	1.26	43.42
4.596	11.48	47.89	0.84	8.86	23.29	1.27	43.44
4.62	11.48	47.91	0.99	8.86	21.96	1.18	43.46
4.645	11.49	47.91	0.84	8.85	21.72	1.23	43.46
4.664	11.49	47.91	0.92	8.85	21.91	1.24	43.45
4.679	11.49	47.9	0.88	8.85	22.48	1.23	43.44
4.693	11.48	47.9	0.95	8.85	22.93	1.24	43.45
4.711	11.48	47.9	0.88	8.85	22.22	1.23	43.45
4.733	11.48	47.91	0.84	8.85	22.02	1.25	43.46
4.752	11.48	47.91	0.76	8.85	21.87	1.21	43.46
4.767	11.48	47.9	0.69	8.86	22.14	1.21	43.45
4.783	11.48	47.91	0.95	8.86	22.49	1.2	43.46
4.805	11.48	47.92	0.8	8.86	22.08	1.17	43.47
4.83	11.49	47.93	0.92	8.85	21.6	1.2	43.47
4.851	11.49	47.93	0.8	8.85	21.42	1.24	43.47
4.865	11.49	47.91	0.88	8.86	21.87	1.23	43.46
4.877	11.49	47.91	0.88	8.86	22.09	1.22	43.45
4.895	11.49	47.92	0.84	8.85	22.1	1.25	43.47
4.921	11.49	47.94	0.76	8.85	21.91	1.25	43.48
4.948	11.49	47.93	0.95	8.85	21.42	1.28	43.48
4.963	11.49	47.92	0.84	8.86	21.55	1.27	43.47
4.975	11.49	47.91	0.65	8.86	21.75	1.27	43.45
4.986	11.49	47.9	0.76	8.86	21.9	1.24	43.45

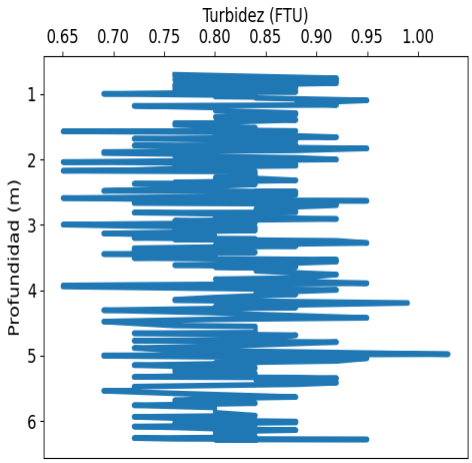
5.005	11.49	47.92	0.69	8.85	21.37	1.24	43.46
5.029	11.49	47.93	0.8	8.85	21.16	1.27	43.48
5.056	11.49	47.93	0.92	8.85	21.05	1.26	43.48
5.08	11.49	47.93	1.03	8.85	21.29	1.24	43.48
5.095	11.49	47.92	0.92	8.85	21.15	1.27	43.46
5.106	11.49	47.91	0.76	8.85	21.21	1.3	43.45
5.12	11.49	47.91	0.8	8.85	21.21	1.3	43.45
5.14	11.49	47.92	0.76	8.85	20.93	1.26	43.46
5.163	11.49	47.93	0.76	8.85	20.83	1.28	43.47
5.185	11.49	47.92	0.69	8.85	20.96	1.22	43.47
5.197	11.49	47.91	0.69	8.85	21.22	1.24	43.45
5.21	11.49	47.91	0.84	8.85	20.99	1.3	43.45
5.23	11.49	47.92	0.8	8.85	20.86	1.31	43.47
5.252	11.49	47.93	0.84	8.85	20.95	1.28	43.47
5.271	11.49	47.92	0.76	8.85	20.88	1.26	43.47
5.288	11.49	47.93	0.99	8.85	20.8	1.27	43.47
5.311	11.49	47.93	0.72	8.84	20.86	1.22	43.47
5.33	11.49	47.93	0.8	8.84	20.82	1.22	43.47
5.345	11.49	47.92	0.72	8.84	20.72	1.24	43.46
5.364	11.49	47.93	0.8	8.84	20.79	1.21	43.47
5.378	11.49	47.92	0.95	8.84	20.82	1.33	43.46
5.386	11.49	47.91	0.92	8.85	20.68	1.43	43.45
5.387	11.49	47.91	0.88	8.85	20.62	1.4	43.45
5.389	11.49	47.9	1.03	8.85	20.78	1.37	43.45

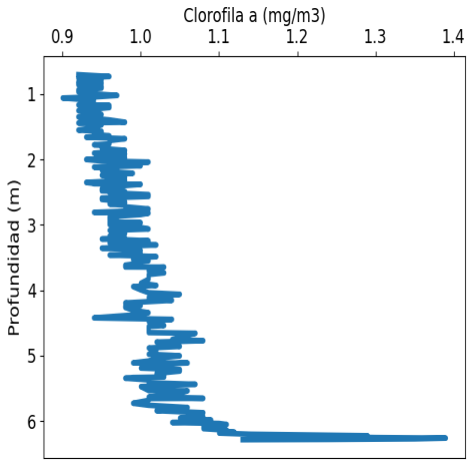
Nombre: CTD E03 - Punto 004 **Fecha: 20/01/2025** **Hora: 08:01:50**

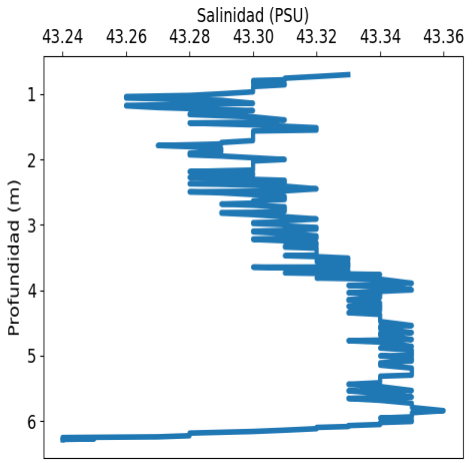


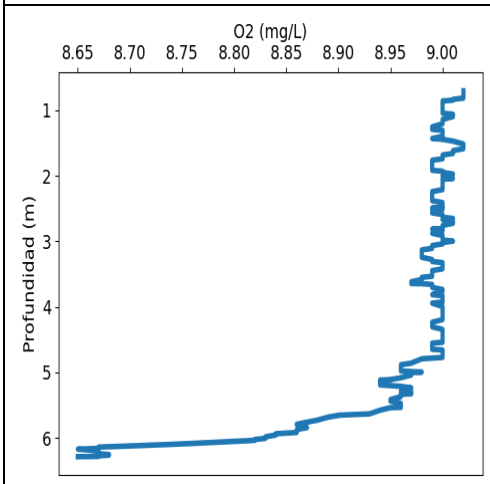


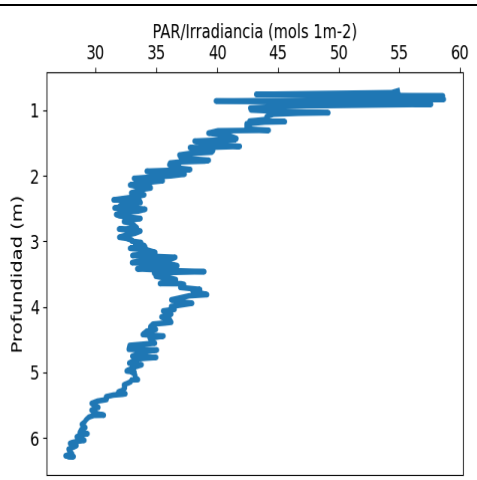












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.37	47.64	0.65	8.65	27.51	0.9	43.24
PROF (metros)	0.702	0.73	1.569	6.174	6.275	1.059	6.255
MÁXIMO	11.64	11.64	1.03	9.02	58.67	1.39	43.36
PROF (metros)	6.284	5.938	4.98	0.702	0.832	6.264	5.844

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	11.38	47.64	0.83	9.01	50.08	0.93	43.3
1 - 2m	11.45	47.7	0.82	9.0	40.19	0.95	43.29
2 - 3m	11.48	47.75	0.81	9.0	33.11	0.97	43.3
3 - 4m	11.49	47.78	0.81	8.99	35.61	0.99	43.32
4 - 5m	11.48	47.79	0.82	8.99	34.51	1.02	43.34
5 - 6m	11.5	47.82	0.8	8.93	30.93	1.03	43.34
6 - 7m	11.58	47.86	0.81	8.71	28.09	1.16	43.29

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	11.37	47.65	0.76	9.02	54.87	0.92	43.33
0.73	11.37	47.64	0.84	9.02	54.36	0.96	43.32
0.756	11.38	47.64	0.92	9.02	43.2	0.92	43.31
0.78	11.38	47.64	0.76	9.02	58.6	0.95	43.31
0.792	11.38	47.64	0.92	9.02	48.11	0.94	43.3
0.813	11.38	47.64	0.88	9.02	49.95	0.92	43.3
0.832	11.39	47.64	0.92	9.01	58.67	0.95	43.3
0.844	11.39	47.65	0.88	9.01	50.59	0.92	43.31
0.857	11.39	47.66	0.76	9.0	39.88	0.92	43.31
0.884	11.39	47.64	0.76	9.0	54.2	0.95	43.3
0.908	11.38	47.64	0.88	9.0	57.62	0.95	43.3
0.935	11.38	47.64	0.76	9.0	45.64	0.92	43.3
0.965	11.39	47.64	0.88	9.0	42.71	0.92	43.3
0.995	11.4	47.64	0.69	9.0	42.78	0.94	43.29
1.02	11.41	47.64	0.84	9.0	45.57	0.97	43.28
1.037	11.42	47.64	0.8	9.0	49.17	0.95	43.26
1.044	11.42	47.64	0.84	9.0	46.71	0.94	43.26
1.059	11.42	47.64	0.84	9.01	44.63	0.9	43.26
1.095	11.43	47.67	0.95	9.01	44.07	0.94	43.29
1.14	11.44	47.7	0.88	9.0	43.98	0.94	43.3
1.165	11.45	47.68	0.92	9.0	42.65	0.92	43.27
1.173	11.45	47.67	0.8	9.0	45.59	0.96	43.26
1.179	11.45	47.68	0.72	9.0	43.94	0.94	43.26
1.205	11.45	47.69	0.8	9.0	42.41	0.96	43.27
1.252	11.44	47.7	0.8	8.99	42.41	0.92	43.3
1.29	11.45	47.7	0.88	8.99	42.89	0.94	43.29
1.304	11.45	47.69	0.84	9.0	44.26	0.94	43.28
1.312	11.45	47.69	0.88	9.0	40.06	0.95	43.28
1.348	11.44	47.7	0.8	9.0	39.27	0.92	43.3
1.395	11.44	47.71	0.88	9.0	41.11	0.96	43.31
1.43	11.45	47.71	0.8	8.99	41.6	0.98	43.3
1.441	11.45	47.69	0.8	9.0	40.69	0.92	43.28
1.443	11.45	47.69	0.76	9.0	41.54	0.95	43.28
1.47	11.44	47.7	0.76	9.01	38.13	0.95	43.3
1.514	11.43	47.71	0.84	9.02	39.56	0.94	43.32

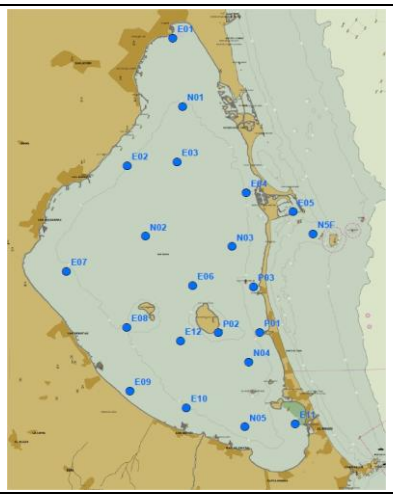
1.55	11.43	47.71	0.8	9.02	41.88	0.92	43.32
1.564	11.44	47.7	0.88	9.02	39.46	0.94	43.3
1.569	11.44	47.7	0.65	9.02	37.75	0.95	43.3
1.586	11.44	47.7	0.84	9.02	38.26	0.95	43.3
1.615	11.44	47.7	0.8	9.01	39.68	0.94	43.3
1.639	11.44	47.7	0.88	9.01	39.56	0.96	43.3
1.658	11.44	47.7	0.92	9.01	37.77	0.93	43.3
1.682	11.44	47.71	0.72	9.0	36.88	0.98	43.3
1.711	11.45	47.71	0.88	9.0	36.97	0.96	43.3
1.74	11.46	47.72	0.8	9.0	37.8	0.96	43.29
1.762	11.46	47.71	0.84	8.99	39.33	0.96	43.29
1.775	11.46	47.71	0.88	8.99	38.97	0.94	43.28
1.786	11.46	47.7	0.72	8.99	37.1	0.95	43.27
1.804	11.46	47.71	0.8	8.99	36.12	0.95	43.28
1.831	11.47	47.72	0.95	8.99	36.05	0.95	43.29
1.861	11.47	47.73	0.88	8.99	36.88	0.98	43.29
1.885	11.48	47.73	0.69	8.99	36.98	0.96	43.29
1.903	11.48	47.73	0.69	8.99	37.8	0.94	43.28
1.916	11.48	47.72	0.76	8.99	36.22	0.98	43.28
1.929	11.47	47.73	0.8	9.0	34.19	0.97	43.28
1.947	11.47	47.74	0.76	9.0	35.15	0.97	43.29
1.974	11.48	47.75	0.88	9.01	37.34	0.98	43.3
2.0	11.48	47.76	0.92	9.0	36.22	0.93	43.31
2.023	11.48	47.75	0.76	9.0	34.32	0.95	43.3
2.039	11.48	47.75	0.65	9.01	33.14	1.01	43.3
2.054	11.48	47.75	0.8	9.0	34.32	0.98	43.3
2.075	11.48	47.75	0.88	9.0	35.54	0.96	43.3
2.096	11.48	47.75	0.88	9.0	34.46	1.0	43.3
2.116	11.48	47.75	0.76	9.0	33.58	0.94	43.3
2.14	11.48	47.75	0.76	9.0	32.82	0.97	43.3
2.162	11.48	47.75	0.72	9.0	33.38	0.95	43.3
2.173	11.48	47.74	0.65	9.0	34.53	0.97	43.29
2.186	11.48	47.73	0.84	9.0	34.55	0.96	43.28
2.211	11.48	47.75	0.84	9.0	33.68	0.99	43.3
2.241	11.48	47.75	0.84	8.99	33.31	0.95	43.3
2.262	11.48	47.75	0.84	8.99	32.91	0.96	43.29
2.274	11.48	47.74	0.8	8.99	33.17	0.98	43.28
2.29	11.48	47.74	0.84	8.99	34.02	0.96	43.29
2.319	11.48	47.76	0.88	8.99	33.34	0.98	43.31
2.351	11.48	47.76	0.76	8.99	32.12	0.93	43.31
2.367	11.48	47.75	0.84	8.99	31.46	0.94	43.3
2.371	11.48	47.74	0.72	8.99	32.06	0.94	43.28
2.38	11.48	47.74	0.84	8.99	33.64	1.0	43.29
2.409	11.48	47.76	0.8	9.0	33.72	0.97	43.31
2.449	11.48	47.77	0.76	9.0	32.05	0.95	43.32
2.48	11.49	47.76	0.69	9.0	31.89	0.95	43.31
2.491	11.49	47.74	0.88	8.99	31.54	0.98	43.29
2.495	11.48	47.74	0.84	9.0	33.3	0.98	43.28
2.51	11.48	47.75	0.84	9.0	34.1	0.96	43.29
2.537	11.48	47.76	0.88	8.99	33.54	1.01	43.3
2.566	11.48	47.76	0.84	8.99	32.0	1.01	43.31
2.59	11.48	47.76	0.65	9.0	31.67	0.95	43.31
2.612	11.48	47.76	0.76	9.0	31.97	0.95	43.31
2.633	11.48	47.76	0.95	9.0	32.86	0.97	43.3
2.651	11.48	47.75	0.72	9.01	33.71	0.98	43.3
2.667	11.48	47.75	0.72	9.0	33.19	0.98	43.3
2.682	11.48	47.75	0.92	9.01	32.36	0.96	43.29
2.7	11.48	47.75	0.92	9.01	32.32	0.98	43.3

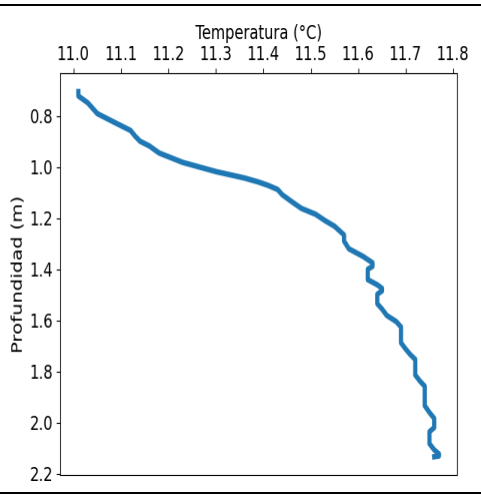
2.724	11.48	47.76	0.88	9.01	32.96	0.98	43.31
2.757	11.48	47.77	0.84	9.0	33.18	1.01	43.31
2.791	11.49	47.77	0.88	9.0	33.4	0.98	43.31
2.809	11.49	47.76	0.88	9.0	32.57	0.94	43.3
2.813	11.49	47.75	0.72	8.99	31.91	1.0	43.29
2.821	11.49	47.75	0.76	9.0	32.3	1.01	43.29
2.843	11.49	47.76	0.84	9.0	33.7	1.0	43.3
2.877	11.49	47.77	0.8	8.99	33.25	0.96	43.31
2.91	11.49	47.78	0.92	9.0	32.42	0.96	43.32
2.938	11.49	47.78	0.76	9.0	31.93	0.97	43.31
2.955	11.49	47.77	0.8	9.0	32.54	0.96	43.31
2.967	11.49	47.76	0.84	9.0	32.7	1.0	43.3
2.979	11.49	47.76	0.76	9.0	32.98	0.97	43.3
2.997	11.49	47.77	0.65	9.01	32.96	0.96	43.31
3.018	11.49	47.77	0.72	9.0	33.76	0.98	43.31
3.04	11.49	47.78	0.84	9.0	33.24	1.0	43.32
3.064	11.49	47.78	0.76	8.99	34.02	1.01	43.32
3.085	11.49	47.77	0.84	8.99	34.1	0.96	43.31
3.096	11.49	47.76	0.8	8.99	33.2	0.97	43.3
3.107	11.49	47.76	0.8	8.99	32.82	0.98	43.3
3.132	11.49	47.77	0.69	8.98	34.25	0.98	43.31
3.17	11.49	47.78	0.8	8.98	34.93	0.96	43.32
3.201	11.49	47.78	0.72	8.98	33.72	0.98	43.32
3.217	11.49	47.76	0.84	8.98	33.01	0.95	43.3
3.223	11.49	47.76	0.76	8.98	33.98	0.97	43.3
3.244	11.49	47.77	0.92	8.98	36.57	1.01	43.31
3.278	11.49	47.78	0.95	8.99	36.1	0.96	43.32
3.308	11.49	47.78	0.8	8.99	33.4	1.02	43.32
3.326	11.49	47.77	0.88	9.0	32.98	0.98	43.31
3.34	11.49	47.77	0.8	9.0	34.63	0.98	43.31
3.357	11.49	47.77	0.72	9.0	36.42	0.95	43.32
3.373	11.49	47.78	0.72	9.0	36.74	0.98	43.32
3.393	11.49	47.78	0.72	9.0	34.83	1.0	43.32
3.42	11.49	47.79	0.84	9.0	33.41	0.98	43.32
3.447	11.49	47.79	0.69	8.99	36.32	1.0	43.32
3.463	11.49	47.78	0.76	8.99	38.96	0.96	43.32
3.472	11.49	47.77	0.8	8.99	36.78	0.99	43.31
3.487	11.49	47.78	0.8	8.99	34.8	1.02	43.32
3.509	11.49	47.79	0.72	8.99	35.55	0.99	43.33
3.533	11.49	47.79	0.92	8.99	34.93	0.99	43.33
3.551	11.49	47.78	0.88	8.98	35.46	1.01	43.32
3.563	11.49	47.78	0.92	8.98	36.16	1.0	43.32
3.584	11.49	47.79	0.88	8.98	36.62	1.0	43.33
3.617	11.49	47.79	0.76	8.97	36.52	0.98	43.33
3.645	11.49	47.79	0.88	8.97	35.28	0.98	43.33
3.647	11.49	47.76	0.8	8.98	37.03	1.03	43.3
3.658	11.49	47.77	0.84	8.99	37.29	1.01	43.31
3.704	11.49	47.79	0.84	8.99	36.95	1.01	43.33
3.735	11.48	47.76	0.88	9.0	38.61	1.03	43.31
3.76	11.48	47.78	0.92	9.0	37.97	1.01	43.34
3.814	11.48	47.77	0.88	8.99	39.19	1.01	43.32
3.832	11.47	47.78	0.8	9.0	37.7	1.01	43.34
3.894	11.47	47.78	0.95	9.0	36.21	1.0	43.35
3.927	11.47	47.77	0.65	9.0	37.12	1.02	43.33
3.945	11.47	47.78	0.65	8.99	37.96	0.99	43.34
3.996	11.47	47.78	0.92	9.0	36.19	1.0	43.35
4.039	11.48	47.78	0.84	9.0	36.51	1.01	43.33
4.063	11.47	47.78	0.88	9.0	35.54	1.05	43.34

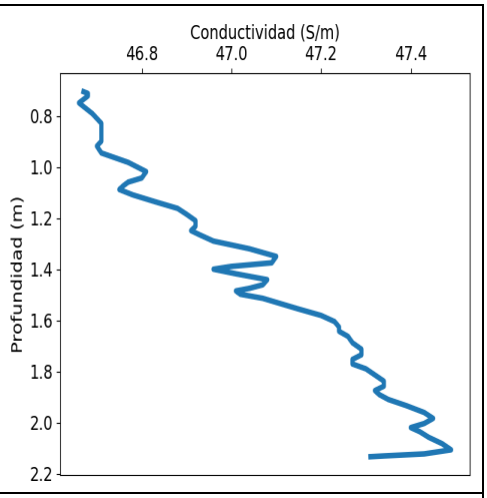
4.112	11.47	47.78	0.8	9.0	36.24	1.01	43.34
4.145	11.48	47.78	0.76	9.0	35.7	1.03	43.33
4.155	11.47	47.78	0.76	9.0	35.4	1.04	43.33
4.195	11.47	47.78	0.99	9.0	36.11	0.98	43.34
4.236	11.47	47.78	0.84	8.99	36.24	1.0	43.34
4.248	11.48	47.78	0.8	8.99	35.69	0.98	43.33
4.264	11.48	47.78	0.88	8.99	34.71	0.98	43.34
4.306	11.47	47.78	0.69	8.99	34.48	0.99	43.34
4.345	11.48	47.78	0.8	9.0	34.98	1.01	43.33
4.371	11.48	47.78	0.84	9.0	34.2	1.0	43.34
4.424	11.47	47.79	0.95	9.0	33.86	0.94	43.34
4.446	11.48	47.78	0.8	9.0	35.6	1.04	43.34
4.48	11.47	47.79	0.69	9.0	34.44	1.01	43.34
4.541	11.47	47.79	0.76	9.0	34.7	1.03	43.35
4.555	11.48	47.79	0.84	8.99	34.9	1.01	43.34
4.589	11.48	47.79	0.84	8.99	32.79	1.01	43.34
4.649	11.48	47.79	0.84	8.99	32.71	1.01	43.35
4.659	11.48	47.79	0.72	9.0	35.06	1.07	43.34
4.688	11.48	47.79	0.88	9.0	33.98	1.06	43.34
4.754	11.48	47.79	0.84	9.0	33.0	1.04	43.35
4.773	11.49	47.79	0.72	9.0	35.0	1.08	43.33
4.794	11.48	47.79	0.92	8.98	33.48	1.02	43.34
4.86	11.48	47.8	0.8	8.97	32.75	1.05	43.35
4.885	11.49	47.8	0.72	8.96	33.8	1.01	43.34
4.918	11.49	47.8	0.76	8.96	33.23	1.02	43.35
4.98	11.48	47.8	1.03	8.96	32.54	1.01	43.35
4.997	11.49	47.81	0.69	8.98	33.22	1.04	43.35
5.005	11.49	47.81	0.69	8.97	33.02	1.05	43.34
5.041	11.49	47.8	0.95	8.97	33.27	1.02	43.35
5.083	11.49	47.81	0.92	8.96	33.27	1.01	43.35
5.112	11.49	47.8	0.8	8.95	33.5	0.99	43.34
5.114	11.49	47.81	0.8	8.95	33.3	1.06	43.34
5.117	11.49	47.81	0.84	8.94	32.95	1.05	43.34
5.147	11.49	47.8	0.72	8.94	32.88	1.02	43.34
5.192	11.49	47.81	0.84	8.94	32.32	1.0	43.35
5.214	11.49	47.81	0.76	8.96	32.33	1.05	43.35
5.238	11.49	47.81	0.76	8.97	32.43	1.05	43.35
5.273	11.49	47.81	0.84	8.96	32.26	1.02	43.35
5.3	11.49	47.81	0.76	8.97	31.86	1.03	43.35
5.316	11.49	47.8	0.76	8.96	32.0	1.02	43.34
5.328	11.49	47.8	0.72	8.97	32.47	1.03	43.34
5.336	11.49	47.8	0.88	8.96	32.2	0.99	43.34
5.347	11.49	47.8	0.92	8.96	31.48	0.98	43.34
5.373	11.49	47.8	0.84	8.96	30.85	1.01	43.34
5.416	11.49	47.81	0.92	8.95	30.91	1.01	43.34
5.44	11.5	47.81	0.88	8.95	30.15	1.07	43.33
5.475	11.5	47.81	0.72	8.96	29.66	1.0	43.34
5.536	11.5	47.82	0.72	8.96	30.24	1.01	43.35
5.54	11.52	47.82	0.69	8.95	30.08	1.06	43.33
5.579	11.51	47.82	0.76	8.94	29.65	1.05	43.34
5.635	11.51	47.83	0.88	8.93	30.17	1.01	43.35
5.655	11.53	47.83	0.8	8.9	30.69	1.08	43.33
5.658	11.52	47.83	0.8	8.9	29.85	1.01	43.33
5.685	11.52	47.83	0.76	8.89	29.44	1.01	43.34
5.73	11.51	47.84	0.84	8.88	29.19	0.99	43.35
5.761	11.52	47.85	0.72	8.87	29.09	1.01	43.35
5.795	11.52	47.84	0.8	8.86	28.85	1.06	43.35
5.844	11.53	47.86	0.8	8.87	29.17	1.02	43.36

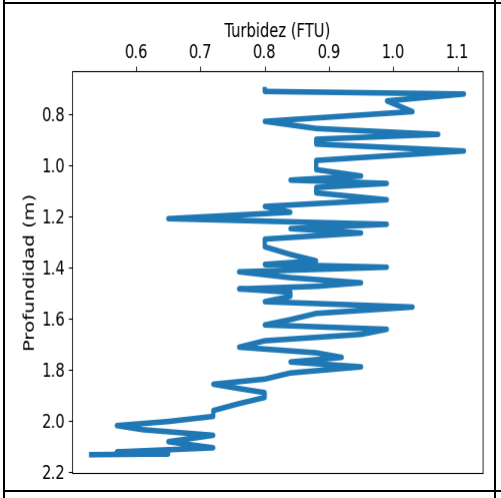
5.875	11.53	47.85	0.8	8.86	28.81	1.08	43.35
5.919	11.52	47.85	0.84	8.86	28.68	1.06	43.35
5.938	11.54	47.87	0.72	8.84	29.35	1.08	43.35
5.957	11.54	47.86	0.76	8.84	28.8	1.05	43.34
5.986	11.53	47.86	0.76	8.83	28.43	1.09	43.35
6.009	11.53	47.86	0.88	8.83	28.52	1.08	43.35
6.025	11.54	47.86	0.88	8.82	28.74	1.04	43.34
6.039	11.54	47.85	0.76	8.82	29.09	1.1	43.34
6.055	11.54	47.85	0.84	8.8	28.49	1.11	43.34
6.072	11.54	47.85	0.8	8.78	28.08	1.1	43.33
6.086	11.54	47.85	0.72	8.76	27.88	1.08	43.33
6.1	11.55	47.85	0.76	8.74	28.04	1.08	43.32
6.119	11.55	47.85	0.8	8.71	28.44	1.08	43.32
6.142	11.56	47.86	0.88	8.67	28.19	1.11	43.31
6.162	11.57	47.86	0.8	8.67	27.91	1.11	43.3
6.174	11.58	47.85	0.84	8.65	27.76	1.12	43.29
6.187	11.58	47.85	0.8	8.66	27.8	1.1	43.28
6.204	11.59	47.86	0.8	8.67	27.87	1.14	43.28
6.227	11.6	47.87	0.8	8.67	27.98	1.29	43.28
6.244	11.62	47.87	0.84	8.67	28.08	1.25	43.27
6.255	11.63	47.86	0.8	8.68	27.86	1.3	43.24
6.264	11.63	47.86	0.72	8.68	27.68	1.39	43.24
6.275	11.63	47.87	0.76	8.67	27.51	1.35	43.25
6.284	11.64	47.87	0.95	8.67	27.84	1.24	43.24
6.287	11.64	47.87	0.8	8.66	28.21	1.17	43.24
6.288	11.64	47.87	0.84	8.65	27.84	1.13	43.24

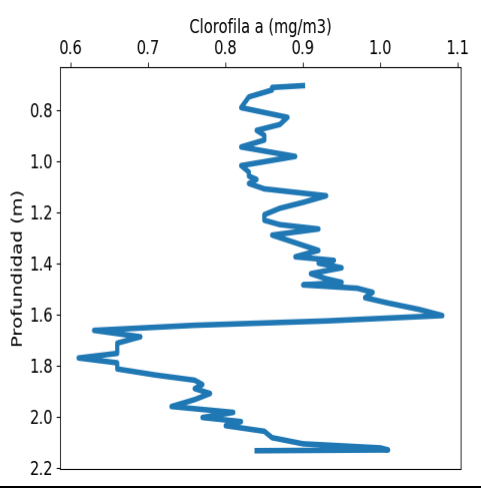
Nombre: CTD E01 - Punto 005 **Fecha: 20/01/2025** **Hora: 09:01:10**

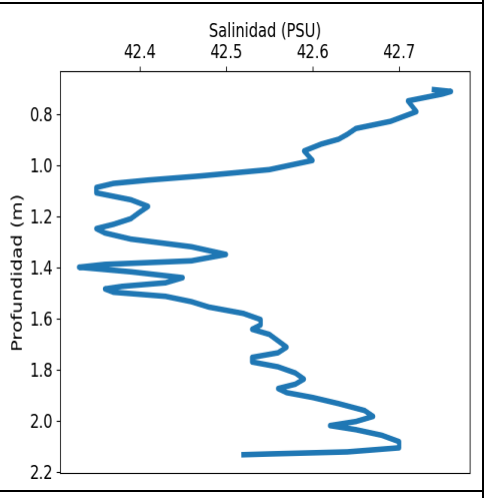


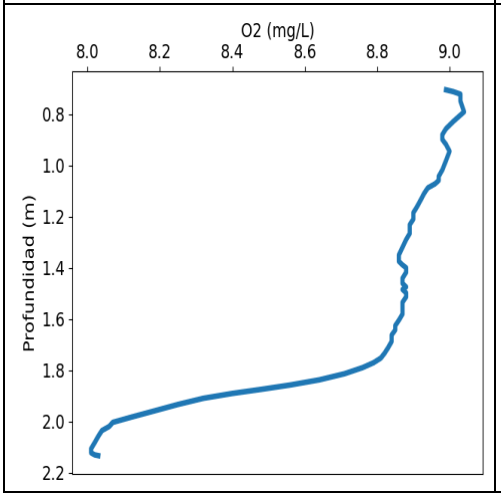


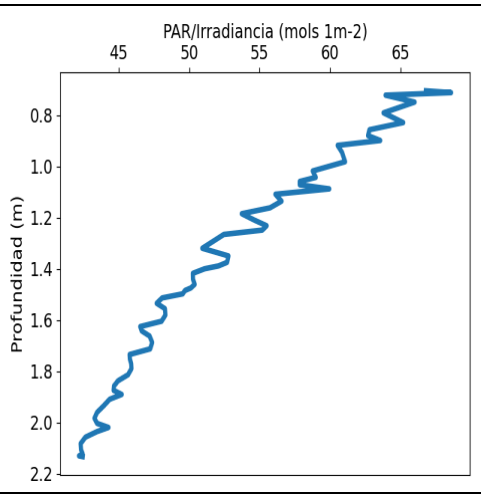


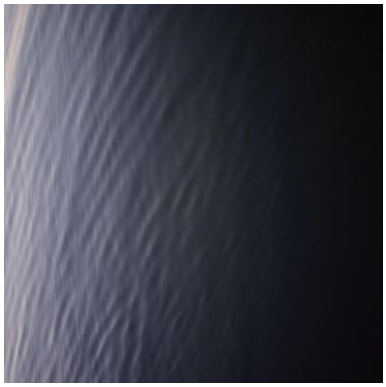












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.01	46.66	0.53	8.01	42.18	0.61	42.33
PROF (metros)	0.705	0.749	2.134	2.107	2.131	1.771	1.4
MÁXIMO	11.77	11.77	1.11	9.04	68.61	1.08	42.76
PROF (metros)	2.123	2.107	0.722	0.791	0.712	1.605	0.712

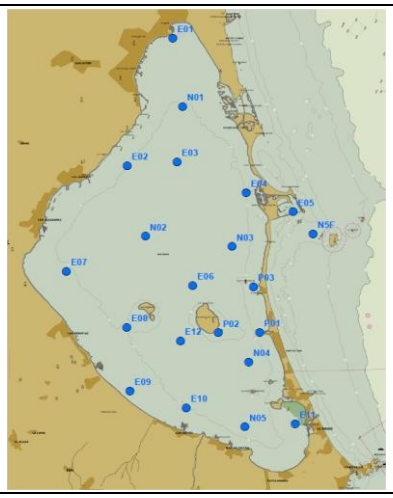
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.1	46.7	0.94	9.0	63.83	0.86	42.67
1 - 2m	11.62	47.1	0.85	8.79	50.09	0.84	42.48
2 - 3m	11.76	47.41	0.63	8.03	42.84	0.87	42.63

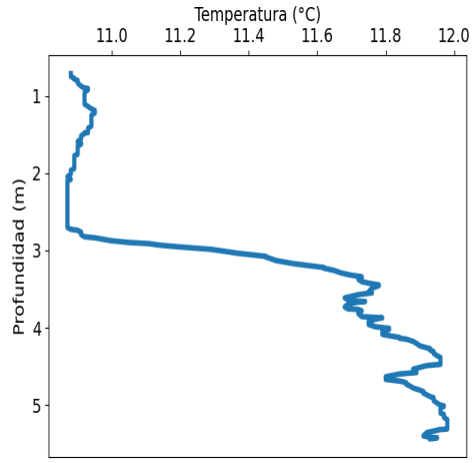
OBSERVACIONES GENERALES

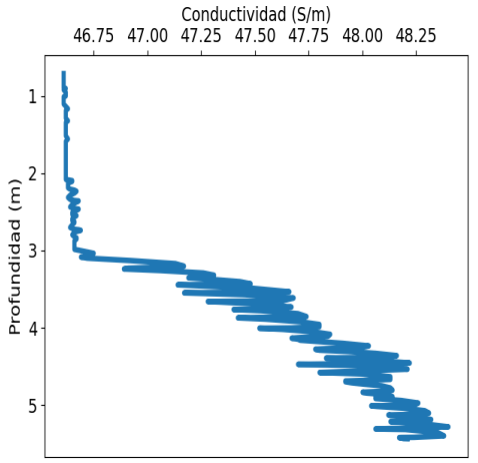
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	11.01	46.67	0.8	8.99	66.82	0.9	42.74
0.712	11.01	46.68	0.8	9.01	68.61	0.86	42.76
0.722	11.01	46.68	1.11	9.03	63.95	0.86	42.75
0.749	11.03	46.66	0.99	9.03	66.02	0.83	42.71
0.791	11.05	46.69	1.03	9.04	63.81	0.82	42.72
0.829	11.09	46.71	0.8	9.01	65.21	0.88	42.69
0.857	11.12	46.71	0.88	8.99	62.81	0.87	42.65
0.88	11.13	46.71	1.07	8.98	62.71	0.84	42.64
0.899	11.14	46.71	0.88	8.98	63.58	0.85	42.63
0.918	11.16	46.7	0.88	8.99	60.55	0.85	42.61
0.945	11.18	46.71	1.11	9.0	60.86	0.82	42.59
0.982	11.23	46.77	0.88	8.99	61.08	0.89	42.6
1.018	11.3	46.81	0.88	8.98	58.78	0.82	42.55
1.043	11.36	46.8	0.95	8.97	59.0	0.83	42.47
1.059	11.39	46.77	0.84	8.97	57.86	0.83	42.41
1.072	11.41	46.76	0.99	8.96	57.86	0.84	42.37
1.088	11.43	46.75	0.88	8.94	59.96	0.83	42.35
1.109	11.44	46.78	0.88	8.93	56.13	0.85	42.35
1.136	11.46	46.83	0.99	8.92	56.57	0.93	42.39
1.162	11.48	46.88	0.8	8.91	55.75	0.9	42.41
1.185	11.51	46.9	0.84	8.9	53.74	0.87	42.4
1.21	11.53	46.92	0.65	8.9	54.64	0.85	42.39
1.232	11.55	46.92	0.99	8.89	55.51	0.85	42.37
1.249	11.56	46.91	0.84	8.89	55.2	0.87	42.35
1.266	11.57	46.93	0.95	8.89	52.47	0.92	42.36
1.29	11.57	46.96	0.8	8.88	51.79	0.86	42.39
1.32	11.58	47.04	0.8	8.87	50.94	0.89	42.46
1.35	11.61	47.1	0.84	8.86	52.8	0.92	42.5
1.375	11.63	47.09	0.88	8.86	52.7	0.89	42.46
1.389	11.63	47.0	0.8	8.87	52.09	0.94	42.36
1.4	11.62	46.96	0.99	8.88	51.11	0.92	42.33
1.418	11.62	47.01	0.76	8.88	50.27	0.95	42.39
1.441	11.62	47.08	0.84	8.87	50.28	0.91	42.45
1.461	11.64	47.07	0.95	8.87	50.4	0.93	42.43
1.475	11.65	47.04	0.88	8.88	50.13	0.95	42.38
1.485	11.65	47.01	0.76	8.87	49.71	0.9	42.36
1.498	11.64	47.02	0.84	8.88	49.55	0.97	42.37
1.514	11.64	47.07	0.84	8.88	48.09	0.99	42.43
1.535	11.64	47.11	0.8	8.87	47.7	0.98	42.46

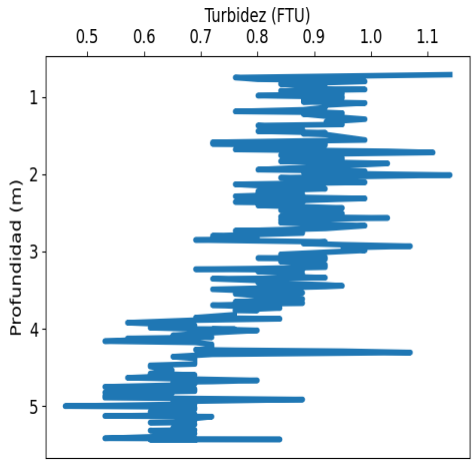
1.556	11.65	47.15	1.03	8.87	48.29	1.01	42.48
1.581	11.66	47.2	0.88	8.87	48.32	1.05	42.52
1.605	11.68	47.23	0.84	8.86	48.05	1.08	42.54
1.626	11.69	47.24	0.8	8.85	46.53	0.93	42.54
1.643	11.69	47.24	0.99	8.85	46.64	0.76	42.53
1.663	11.69	47.26	0.95	8.84	47.2	0.63	42.55
1.688	11.69	47.27	0.8	8.84	47.38	0.69	42.56
1.713	11.7	47.29	0.76	8.83	47.24	0.66	42.57
1.735	11.71	47.29	0.88	8.82	45.78	0.66	42.56
1.753	11.72	47.27	0.92	8.81	45.8	0.66	42.53
1.771	11.72	47.27	0.84	8.79	45.89	0.61	42.53
1.79	11.72	47.3	0.95	8.76	45.91	0.66	42.56
1.814	11.72	47.32	0.84	8.71	45.67	0.66	42.58
1.838	11.73	47.34	0.8	8.64	44.95	0.71	42.59
1.858	11.74	47.34	0.72	8.56	44.67	0.76	42.58
1.875	11.74	47.32	0.76	8.48	44.64	0.77	42.56
1.891	11.74	47.33	0.8	8.4	45.22	0.76	42.57
1.91	11.74	47.35	0.8	8.32	44.36	0.78	42.6
1.934	11.74	47.39	0.76	8.25	43.96	0.76	42.63
1.961	11.75	47.43	0.72	8.18	43.47	0.73	42.66
1.984	11.76	47.45	0.72	8.12	43.28	0.81	42.67
2.004	11.76	47.43	0.65	8.07	43.47	0.77	42.65
2.02	11.76	47.4	0.57	8.06	44.28	0.82	42.62
2.036	11.75	47.42	0.61	8.04	43.47	0.8	42.65
2.058	11.75	47.44	0.72	8.03	42.64	0.85	42.68
2.083	11.75	47.47	0.65	8.02	42.3	0.86	42.7
2.107	11.76	47.49	0.72	8.01	42.33	0.9	42.7
2.123	11.77	47.43	0.57	8.01	42.44	1.0	42.64
2.131	11.77	47.34	0.65	8.02	42.18	1.01	42.55
2.134	11.76	47.31	0.53	8.03	42.45	0.84	42.52

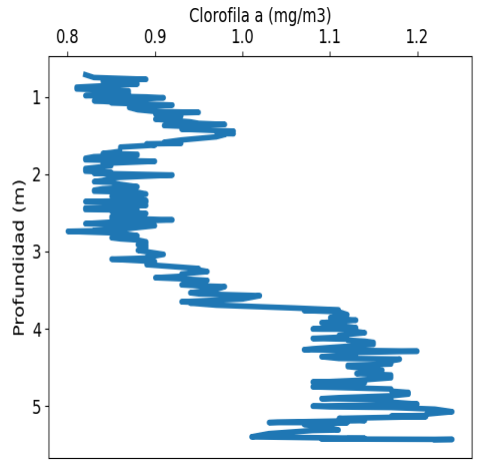
Nombre: CTD N01 - Punto 006 **Fecha: 20/01/2025** **Hora: 09:01:52**

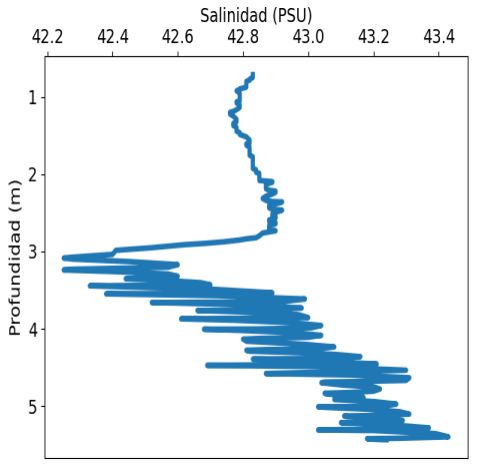


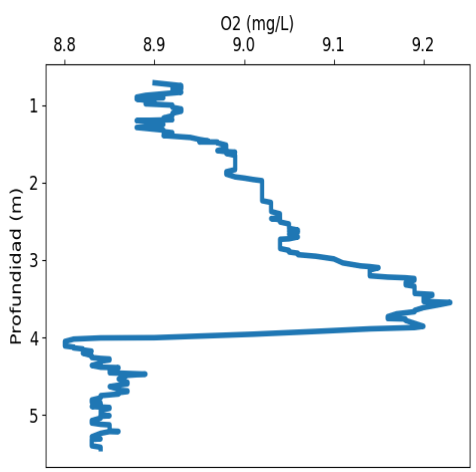


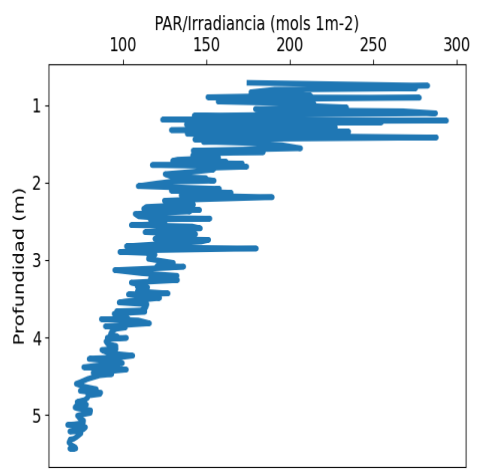












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	10.87	46.61	0.46	8.8	66.62	0.8	42.25
PROF (metros)	2.047	0.714	5.001	4.052	5.128	2.74	3.086
MÁXIMO	11.98	11.98	1.14	9.23	293.9	1.24	43.43
PROF (metros)	5.187	5.282	0.714	3.549	1.202	5.073	5.398

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	10.9	46.61	0.91	8.91	212.55	0.84	42.81
1 - 2m	10.92	46.62	0.9	8.96	173.53	0.89	42.8
2 - 3m	10.91	46.65	0.88	9.04	130.21	0.86	42.84
3 - 4m	11.68	47.32	0.81	9.17	109.71	0.99	42.63
4 - 5m	11.89	47.94	0.68	8.84	84.81	1.13	43.02
5 - 6m	11.96	48.21	0.65	8.84	71.59	1.14	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)
0.714	10.88	46.61	1.14	8.9	175.28	0.82	42.83
0.751	10.88	46.61	0.76	8.93	282.68	0.83	42.83
0.774	10.89	46.61	0.8	8.92	244.33	0.89	42.82
0.786	10.89	46.61	0.95	8.93	275.37	0.84	42.82
0.802	10.9	46.61	0.99	8.92	190.71	0.84	42.81
0.835	10.9	46.61	0.84	8.93	176.42	0.88	42.81
0.876	10.91	46.61	0.92	8.89	212.36	0.81	42.81
0.899	10.92	46.61	0.92	8.88	150.63	0.81	42.79
0.906	10.93	46.62	0.99	8.91	277.68	0.83	42.79
0.923	10.93	46.61	0.84	8.88	193.83	0.87	42.78
0.956	10.92	46.62	0.95	8.9	156.79	0.87	42.79
0.985	10.92	46.62	0.8	8.89	214.54	0.82	42.79
1.002	10.92	46.62	0.95	8.92	196.73	0.89	42.79
1.013	10.92	46.61	0.95	8.92	213.1	0.91	42.79
1.031	10.92	46.61	0.88	8.92	233.97	0.88	42.79
1.052	10.92	46.61	0.92	8.93	179.1	0.83	42.79
1.066	10.92	46.61	0.88	8.93	194.32	0.85	42.78
1.08	10.92	46.61	0.99	8.93	267.63	0.85	42.78
1.107	10.92	46.61	0.92	8.92	287.37	0.92	42.79
1.138	10.93	46.62	0.92	8.92	142.44	0.87	42.79
1.168	10.94	46.63	0.88	8.91	206.3	0.88	42.78
1.19	10.95	46.62	0.76	8.92	123.49	0.9	42.77
1.202	10.95	46.62	0.92	8.88	293.9	0.95	42.76
1.211	10.95	46.62	0.95	8.9	167.38	0.92	42.76
1.223	10.95	46.62	0.88	8.9	254.97	0.9	42.76
1.251	10.94	46.62	0.92	8.91	137.77	0.93	42.77
1.29	10.94	46.62	0.99	8.88	227.34	0.9	42.78
1.324	10.94	46.63	0.92	8.91	128.75	0.94	42.78
1.344	10.94	46.62	0.92	8.91	235.33	0.95	42.77
1.358	10.94	46.62	0.95	8.92	164.8	0.98	42.77
1.372	10.94	46.62	0.8	8.92	138.31	0.91	42.77
1.394	10.94	46.62	0.84	8.91	175.08	0.96	42.78
1.419	10.93	46.62	0.88	8.94	287.83	0.93	42.78
1.445	10.93	46.62	0.8	8.95	142.81	0.99	42.78
1.465	10.93	46.62	0.92	8.96	170.24	0.97	42.79
1.477	10.93	46.62	0.88	8.95	148.0	0.99	42.79

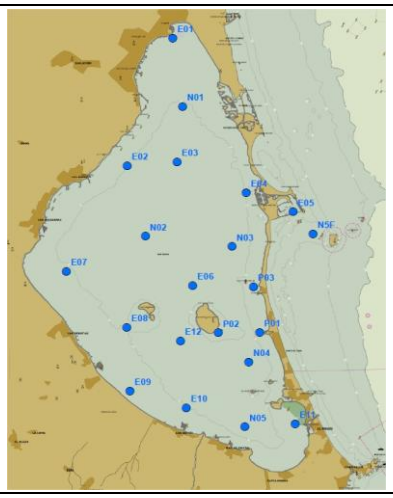
1.478	10.92	46.62	0.88	8.97	156.03	0.98	42.79
1.488	10.92	46.62	0.92	8.97	171.7	0.98	42.79
1.518	10.91	46.62	0.95	8.98	195.18	0.97	42.81
1.559	10.91	46.63	0.99	8.98	206.49	0.93	42.82
1.589	10.9	46.62	0.72	8.97	141.82	0.91	42.82
1.602	10.9	46.62	0.92	8.98	154.62	0.93	42.82
1.609	10.91	46.62	0.72	8.99	184.11	0.89	42.81
1.625	10.91	46.62	0.92	8.98	146.77	0.9	42.81
1.651	10.9	46.62	0.84	8.99	141.52	0.86	42.82
1.682	10.9	46.62	0.76	8.99	157.37	0.86	42.82
1.705	10.9	46.62	1.03	8.99	132.63	0.86	42.82
1.721	10.9	46.62	1.11	8.99	129.53	0.85	42.82
1.733	10.9	46.62	0.99	8.99	161.88	0.84	42.82
1.744	10.9	46.62	0.88	8.99	136.94	0.88	42.82
1.756	10.9	46.62	0.84	8.99	171.58	0.88	42.82
1.775	10.89	46.62	0.88	8.99	117.3	0.83	42.83
1.796	10.89	46.62	0.95	8.99	174.23	0.82	42.83
1.815	10.89	46.62	0.92	8.99	146.16	0.82	42.83
1.834	10.89	46.62	0.84	8.99	154.23	0.9	42.83
1.862	10.89	46.62	1.03	8.98	141.98	0.84	42.83
1.892	10.89	46.62	0.95	8.98	125.02	0.85	42.83
1.928	10.89	46.62	0.84	8.99	129.59	0.82	42.83
1.943	10.89	46.62	0.8	9.0	149.69	0.82	42.84
1.962	10.88	46.62	0.99	9.01	149.62	0.82	42.84
1.977	10.88	46.62	0.88	9.02	154.7	0.85	42.84
1.99	10.88	46.62	0.92	9.02	128.81	0.83	42.85
2.012	10.88	46.62	1.14	9.02	120.33	0.92	42.85
2.047	10.87	46.62	0.84	9.02	108.89	0.85	42.85
2.082	10.88	46.62	0.95	9.02	157.85	0.84	42.85
2.098	10.87	46.65	0.95	9.02	152.95	0.83	42.89
2.106	10.87	46.65	0.99	9.02	128.75	0.85	42.89
2.132	10.87	46.63	0.76	9.02	164.88	0.86	42.87
2.164	10.87	46.63	0.84	9.02	134.61	0.88	42.87
2.19	10.87	46.63	0.92	9.02	189.52	0.84	42.87
2.208	10.87	46.64	0.84	9.02	160.28	0.83	42.88
2.221	10.87	46.66	0.8	9.02	140.61	0.83	42.9
2.235	10.87	46.67	0.8	9.02	124.58	0.88	42.9
2.258	10.87	46.66	0.88	9.03	130.89	0.89	42.89
2.286	10.87	46.64	0.76	9.03	142.31	0.85	42.87
2.315	10.87	46.63	0.99	9.03	113.87	0.88	42.86
2.34	10.87	46.64	0.88	9.03	112.17	0.89	42.87
2.355	10.87	46.66	0.88	9.03	145.99	0.82	42.89
2.36	10.87	46.68	0.76	9.03	134.95	0.89	42.92
2.374	10.87	46.67	0.88	9.03	140.12	0.87	42.91
2.405	10.87	46.65	0.8	9.04	107.06	0.89	42.88
2.438	10.87	46.64	0.95	9.04	109.34	0.82	42.88
2.458	10.87	46.66	0.88	9.04	121.59	0.82	42.9
2.466	10.87	46.68	0.84	9.03	152.17	0.88	42.92
2.48	10.87	46.67	0.88	9.04	116.16	0.85	42.91
2.51	10.87	46.65	0.95	9.04	125.13	0.89	42.89
2.535	10.87	46.65	0.92	9.05	124.24	0.88	42.89
2.55	10.87	46.67	0.84	9.05	104.75	0.85	42.9
2.567	10.87	46.66	1.03	9.05	141.36	0.85	42.9
2.592	10.87	46.65	0.84	9.05	146.46	0.92	42.88
2.614	10.87	46.65	0.92	9.06	123.23	0.86	42.88
2.628	10.87	46.66	0.84	9.05	120.55	0.84	42.9
2.641	10.87	46.66	0.88	9.06	112.98	0.82	42.9
2.667	10.87	46.65	0.99	9.05	143.6	0.9	42.88

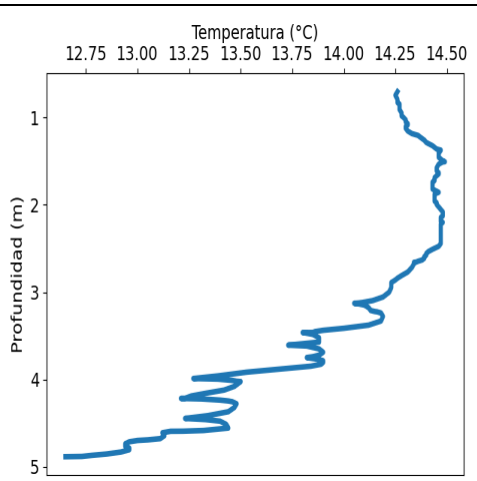
2.703	10.87	46.64	0.92	9.06	121.19	0.87	42.88
2.727	10.88	46.66	0.8	9.05	118.89	0.83	42.88
2.733	10.89	46.68	0.76	9.04	135.46	0.83	42.9
2.74	10.9	46.69	0.88	9.04	151.4	0.8	42.89
2.763	10.91	46.66	0.88	9.04	146.87	0.86	42.86
2.798	10.91	46.65	0.72	9.04	119.69	0.88	42.85
2.823	10.92	46.66	0.8	9.04	101.86	0.85	42.84
2.837	10.95	46.67	0.8	9.04	115.57	0.86	42.81
2.852	10.97	46.67	0.69	9.04	179.97	0.88	42.79
2.876	11.0	46.66	0.92	9.05	111.44	0.89	42.74
2.897	11.05	46.66	0.88	9.05	97.92	0.89	42.68
2.913	11.11	46.66	0.95	9.06	117.82	0.88	42.62
2.932	11.14	46.66	1.07	9.06	119.3	0.89	42.57
2.952	11.19	46.66	0.95	9.08	115.46	0.89	42.52
2.986	11.29	46.66	0.99	9.1	115.06	0.88	42.41
3.038	11.37	46.75	0.84	9.11	130.28	0.91	42.4
3.077	11.45	46.72	0.92	9.13	120.24	0.89	42.27
3.086	11.45	46.69	0.8	9.14	136.46	0.89	42.25
3.1	11.46	46.72	0.92	9.15	127.59	0.85	42.28
3.131	11.48	46.92	0.84	9.14	94.84	0.9	42.45
3.171	11.53	47.13	0.92	9.14	111.03	0.89	42.6
3.204	11.59	47.17	0.92	9.14	132.48	0.93	42.57
3.221	11.62	47.01	0.8	9.16	131.89	0.95	42.38
3.23	11.62	46.91	0.69	9.18	124.04	0.94	42.28
3.24	11.63	46.89	0.88	9.19	116.24	0.95	42.25
3.26	11.65	47.06	0.8	9.19	132.72	0.96	42.4
3.292	11.67	47.26	0.88	9.18	104.73	0.93	42.57
3.321	11.7	47.31	0.84	9.18	110.46	0.93	42.6
3.34	11.73	47.23	0.92	9.19	108.26	0.9	42.49
3.354	11.73	47.19	0.72	9.19	114.88	0.93	42.44
3.375	11.72	47.3	0.8	9.19	109.7	0.96	42.56
3.404	11.73	47.43	0.8	9.19	108.38	0.94	42.67
3.432	11.76	47.48	0.92	9.19	127.12	0.93	42.7
3.445	11.78	47.14	0.95	9.21	103.02	0.95	42.33
3.455	11.78	47.22	0.92	9.21	110.0	0.98	42.41
3.49	11.76	47.49	0.72	9.2	122.04	0.97	42.71
3.535	11.75	47.66	0.88	9.2	101.08	0.94	42.89
3.549	11.76	47.17	0.76	9.23	97.47	0.95	42.38
3.572	11.72	47.45	0.8	9.22	114.45	1.02	42.72
3.615	11.68	47.68	0.88	9.2	113.71	1.0	42.99
3.651	11.7	47.63	0.76	9.19	110.54	0.93	42.92
3.661	11.74	47.28	0.8	9.19	96.01	0.95	42.52
3.668	11.72	47.34	0.88	9.19	113.19	0.94	42.6
3.695	11.69	47.53	0.72	9.17	94.47	0.97	42.84
3.732	11.68	47.67	0.84	9.16	99.71	1.06	42.98
3.756	11.69	47.59	0.76	9.16	103.14	1.11	42.89
3.762	11.71	47.42	0.8	9.18	97.74	1.11	42.69
3.764	11.72	47.4	0.76	9.18	86.8	1.07	42.66
3.78	11.73	47.53	0.76	9.18	109.12	1.11	42.78
3.818	11.72	47.7	0.76	9.19	115.97	1.12	42.97
3.856	11.73	47.74	0.69	9.2	89.23	1.1	43.0
3.872	11.79	47.42	0.84	9.19	101.48	1.11	42.61
3.889	11.77	47.55	0.69	9.14	95.86	1.13	42.77
3.922	11.75	47.71	0.57	9.08	93.05	1.09	42.95
3.958	11.75	47.8	0.69	9.01	92.26	1.11	43.04
3.987	11.77	47.8	0.61	8.94	96.64	1.13	43.01
4.003	11.8	47.67	0.69	8.9	92.95	1.08	42.84
4.005	11.81	47.53	0.76	8.86	90.31	1.09	42.69

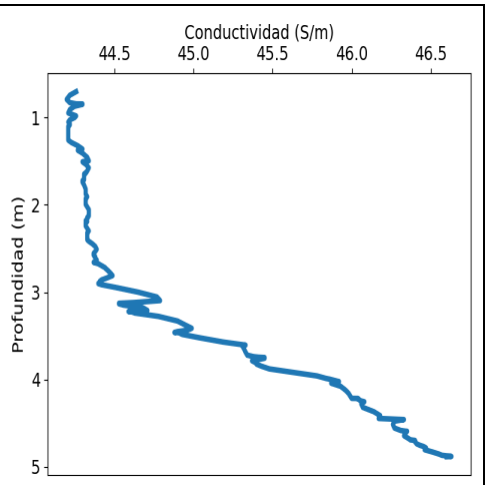
4.006	11.81	47.52	0.72	8.84	102.16	1.13	42.68
4.021	11.81	47.63	0.8	8.81	91.62	1.12	42.79
4.052	11.79	47.77	0.72	8.8	89.58	1.14	42.96
4.085	11.79	47.85	0.65	8.8	90.75	1.11	43.04
4.11	11.82	47.84	0.72	8.8	95.9	1.11	43.0
4.125	11.84	47.72	0.57	8.81	93.36	1.08	42.85
4.135	11.84	47.67	0.69	8.81	94.55	1.12	42.8
4.148	11.86	47.7	0.57	8.82	95.97	1.12	42.81
4.161	11.87	47.71	0.53	8.82	87.1	1.14	42.81
4.177	11.88	47.79	0.69	8.83	88.69	1.15	42.88
4.202	11.89	47.91	0.72	8.82	91.24	1.15	42.99
4.235	11.9	48.03	0.72	8.83	105.95	1.11	43.08
4.259	11.92	47.99	0.72	8.83	97.08	1.08	43.03
4.271	11.93	47.83	0.69	8.84	80.28	1.07	42.86
4.278	11.93	47.78	0.76	8.85	79.48	1.12	42.81
4.29	11.93	47.8	0.95	8.85	87.1	1.2	42.82
4.307	11.94	47.93	1.07	8.84	92.95	1.13	42.95
4.331	11.94	48.06	0.72	8.84	99.71	1.13	43.08
4.361	11.95	48.16	0.65	8.83	85.03	1.09	43.16
4.384	11.96	48.1	0.69	8.84	76.27	1.11	43.09
4.39	11.96	47.87	0.69	8.86	78.59	1.16	42.86
4.393	11.96	47.83	0.69	8.86	90.29	1.18	42.83
4.415	11.96	48.03	0.69	8.85	102.12	1.17	43.02
4.456	11.96	48.22	0.69	8.85	81.88	1.17	43.21
4.473	11.96	47.7	0.61	8.89	93.38	1.12	42.69
4.489	11.92	47.99	0.61	8.87	85.98	1.12	43.03
4.536	11.88	48.21	0.65	8.86	78.73	1.16	43.3
4.579	11.89	47.8	0.61	8.87	74.15	1.13	42.87
4.598	11.84	48.0	0.69	8.87	71.8	1.17	43.13
4.634	11.8	48.13	0.57	8.85	76.56	1.17	43.31
4.668	11.8	48.13	0.8	8.86	84.11	1.13	43.3
4.683	11.83	47.99	0.72	8.86	79.63	1.1	43.14
4.689	11.84	47.92	0.65	8.87	74.18	1.08	43.05
4.698	11.85	47.92	0.65	8.87	77.45	1.14	43.04
4.712	11.86	47.95	0.69	8.86	86.74	1.13	43.07
4.73	11.86	48.01	0.65	8.86	86.22	1.11	43.11
4.751	11.87	48.09	0.53	8.84	78.75	1.08	43.2
4.779	11.88	48.13	0.69	8.84	78.81	1.17	43.22
4.807	11.9	48.14	0.69	8.83	76.88	1.17	43.2
4.824	11.91	48.08	0.53	8.83	73.75	1.19	43.13
4.834	11.91	48.0	0.65	8.83	72.28	1.18	43.05
4.845	11.91	48.02	0.61	8.84	75.66	1.19	43.06
4.867	11.92	48.12	0.53	8.84	78.21	1.17	43.16
4.891	11.93	48.14	0.53	8.83	71.45	1.11	43.17
4.904	11.94	48.06	0.72	8.85	71.05	1.09	43.08
4.915	11.94	48.06	0.88	8.85	72.56	1.17	43.08
4.941	11.94	48.18	0.65	8.84	80.69	1.16	43.2
4.974	11.95	48.26	0.69	8.84	80.43	1.2	43.27
5.001	11.96	48.24	0.46	8.84	73.87	1.08	43.23
5.01	11.97	48.04	0.65	8.85	72.53	1.1	43.03
5.018	11.97	48.07	0.69	8.84	73.02	1.17	43.06
5.04	11.96	48.19	0.69	8.84	73.68	1.22	43.18
5.073	11.96	48.29	0.61	8.83	76.47	1.24	43.28
5.104	11.96	48.31	0.69	8.83	76.26	1.21	43.31
5.121	11.97	48.22	0.61	8.84	70.85	1.21	43.21
5.128	11.97	48.12	0.53	8.85	66.62	1.17	43.11
5.136	11.97	48.13	0.72	8.85	69.39	1.21	43.12
5.159	11.97	48.26	0.69	8.85	77.61	1.11	43.24

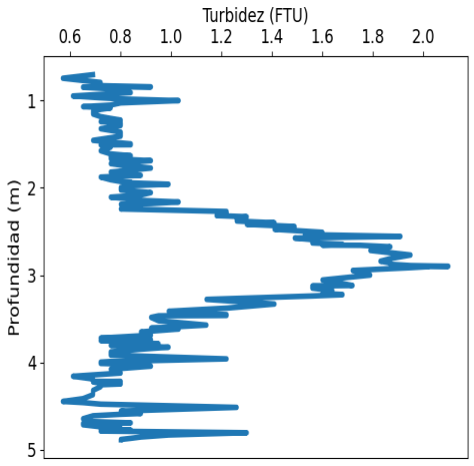
5.187	11.98	48.32	0.69	8.85	76.18	1.14	43.29
5.208	11.98	48.28	0.65	8.85	70.0	1.04	43.25
5.213	11.98	48.15	0.61	8.86	67.94	1.03	43.12
5.214	11.98	48.13	0.65	8.85	73.29	1.12	43.1
5.237	11.98	48.27	0.69	8.84	74.89	1.07	43.24
5.282	11.98	48.4	0.65	8.83	72.33	1.1	43.37
5.309	11.98	48.06	0.69	8.84	70.36	1.11	43.03
5.316	11.96	48.2	0.61	8.83	68.18	1.08	43.2
5.356	11.92	48.35	0.69	8.83	67.39	1.03	43.39
5.398	11.91	48.38	0.61	8.83	69.73	1.01	43.43
5.417	11.93	48.24	0.53	8.84	71.4	1.14	43.27
5.419	11.94	48.18	0.65	8.84	71.12	1.12	43.2
5.421	11.95	48.17	0.69	8.84	69.74	1.12	43.18
5.426	11.95	48.18	0.61	8.84	70.61	1.09	43.19
5.431	11.94	48.19	0.84	8.84	71.41	1.24	43.21
5.433	11.94	48.19	0.61	8.84	71.81	1.23	43.22
5.434	11.93	48.21	0.61	8.84	67.93	1.23	43.23
5.435	11.93	48.21	0.69	8.84	69.78	1.22	43.24

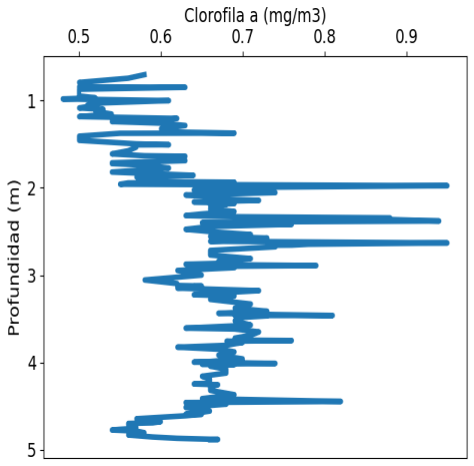
Nombre: CTD E05 - Punto 007 **Fecha: 20/01/2025** **Hora: 09:01:05**

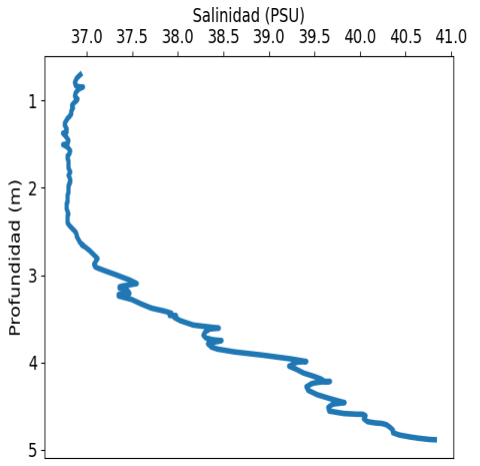


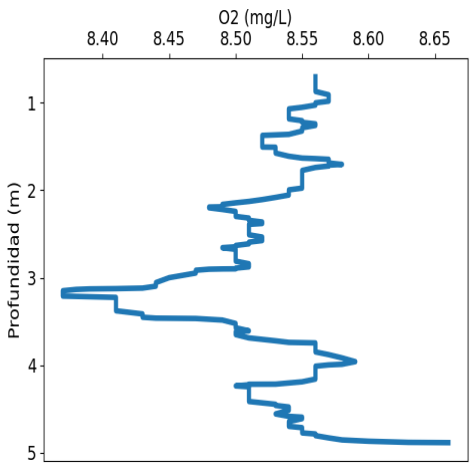


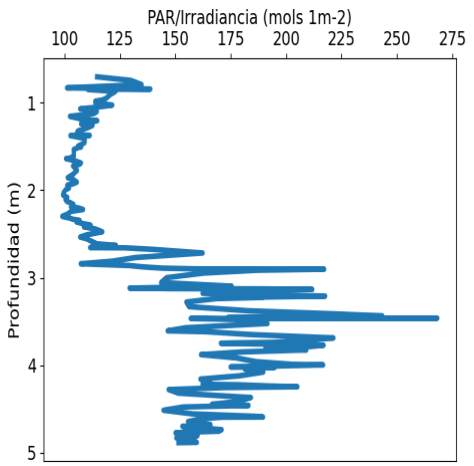












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.65	44.2	0.57	8.37	98.9	0.48	36.74
PROF (metros)	4.884	0.795	0.747	3.149	2.3	0.984	1.375
MÁXIMO	14.49	14.49	2.1	8.66	268.25	0.95	40.82
PROF (metros)	1.508	4.881	2.899	4.884	3.463	1.977	4.884

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.27	44.24	0.72	8.56	120.89	0.53	36.9
1 - 2m	14.41	44.28	0.79	8.55	106.68	0.58	36.8
2 - 3m	14.4	44.37	1.42	8.5	119.84	0.7	36.9
3 - 4m	13.91	45.08	1.16	8.48	184.21	0.68	38.04
4 - 5m	13.2	46.24	0.78	8.55	167.98	0.64	39.87

OBSERVACIONES GENERALES

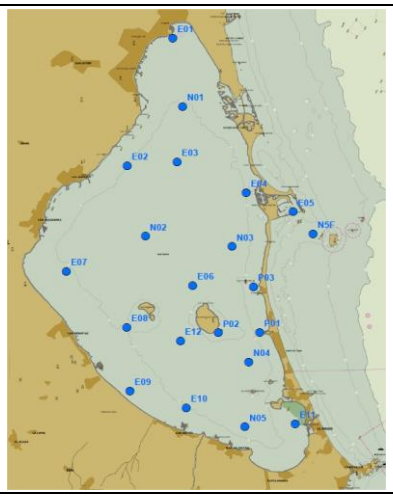
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	14.26	44.26	0.69	8.56	114.64	0.58	36.93
0.747	14.25	44.22	0.57	8.56	129.92	0.56	36.89
0.795	14.26	44.2	0.72	8.56	134.8	0.5	36.87
0.832	14.26	44.22	0.72	8.56	101.03	0.51	36.88
0.846	14.27	44.26	0.92	8.56	138.73	0.5	36.92
0.847	14.27	44.3	0.65	8.56	128.01	0.56	36.96
0.851	14.27	44.3	0.65	8.56	110.54	0.63	36.95
0.873	14.27	44.25	0.8	8.56	122.95	0.5	36.91
0.911	14.27	44.22	0.84	8.57	120.47	0.5	36.88
0.95	14.28	44.21	0.61	8.57	118.83	0.5	36.87
0.971	14.28	44.24	0.72	8.57	116.97	0.52	36.88
0.984	14.28	44.26	0.8	8.57	113.79	0.48	36.9
1.003	14.29	44.25	1.03	8.56	113.87	0.61	36.89
1.029	14.3	44.22	0.8	8.56	121.56	0.53	36.86
1.054	14.3	44.21	0.76	8.55	114.16	0.51	36.84
1.072	14.31	44.22	0.65	8.54	106.96	0.51	36.84
1.087	14.31	44.22	0.76	8.54	113.29	0.5	36.85
1.103	14.3	44.21	0.72	8.54	114.58	0.53	36.84
1.126	14.3	44.21	0.69	8.54	113.21	0.52	36.83
1.157	14.31	44.21	0.69	8.54	102.35	0.54	36.83
1.186	14.33	44.21	0.72	8.54	107.21	0.5	36.81
1.207	14.36	44.21	0.76	8.55	114.8	0.62	36.79
1.226	14.37	44.21	0.8	8.55	111.54	0.6	36.78
1.243	14.38	44.21	0.72	8.56	107.36	0.54	36.77
1.261	14.39	44.21	0.8	8.56	112.64	0.6	36.76
1.288	14.4	44.23	0.8	8.55	110.34	0.63	36.76
1.325	14.43	44.27	0.72	8.55	105.93	0.6	36.78
1.363	14.45	44.3	0.8	8.54	105.24	0.62	36.78
1.375	14.47	44.27	0.8	8.52	111.39	0.69	36.74
1.377	14.47	44.27	0.8	8.52	102.57	0.55	36.74
1.41	14.46	44.3	0.8	8.52	109.14	0.5	36.77
1.458	14.46	44.33	0.69	8.52	109.04	0.5	36.8
1.498	14.48	44.34	0.84	8.52	106.0	0.57	36.79
1.508	14.49	44.3	0.84	8.52	107.48	0.61	36.74
1.51	14.48	44.3	0.72	8.53	106.59	0.57	36.75
1.536	14.46	44.32	0.76	8.53	104.08	0.57	36.79
1.577	14.45	44.34	0.72	8.53	104.17	0.56	36.82

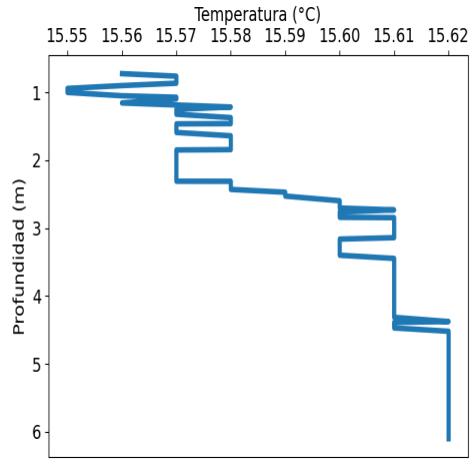
1.613	14.45	44.33	0.76	8.54	104.2	0.54	36.81
1.634	14.46	44.32	0.84	8.55	102.35	0.58	36.79
1.64	14.46	44.32	0.76	8.56	100.57	0.63	36.79
1.648	14.46	44.31	0.76	8.57	101.93	0.61	36.79
1.668	14.45	44.31	0.76	8.57	104.95	0.6	36.79
1.69	14.44	44.31	0.92	8.57	107.41	0.63	36.8
1.706	14.44	44.31	0.84	8.58	106.69	0.57	36.8
1.715	14.44	44.31	0.84	8.57	104.61	0.54	36.8
1.724	14.44	44.3	0.76	8.57	103.74	0.54	36.8
1.741	14.43	44.3	0.8	8.56	104.41	0.58	36.8
1.775	14.43	44.31	0.92	8.55	105.63	0.61	36.8
1.821	14.43	44.32	0.76	8.55	103.67	0.54	36.82
1.858	14.46	44.32	0.88	8.55	101.36	0.64	36.8
1.878	14.44	44.32	0.72	8.55	103.91	0.57	36.81
1.909	14.44	44.33	0.76	8.55	105.56	0.58	36.82
1.929	14.44	44.32	0.8	8.55	103.69	0.58	36.82
1.937	14.44	44.32	0.84	8.55	101.86	0.69	36.82
1.945	14.44	44.32	0.84	8.55	101.13	0.56	36.81
1.96	14.44	44.32	0.99	8.55	101.88	0.55	36.81
1.977	14.45	44.32	0.84	8.55	102.0	0.95	36.8
1.997	14.45	44.32	0.8	8.54	100.4	0.69	36.8
2.026	14.46	44.33	0.8	8.54	99.57	0.64	36.8
2.056	14.47	44.34	0.92	8.54	99.25	0.74	36.8
2.083	14.48	44.34	0.88	8.53	101.24	0.63	36.79
2.108	14.48	44.34	0.76	8.52	100.36	0.67	36.79
2.129	14.48	44.34	0.84	8.51	100.99	0.67	36.79
2.145	14.47	44.33	0.88	8.5	102.78	0.72	36.79
2.163	14.47	44.33	1.03	8.49	104.0	0.64	36.79
2.181	14.47	44.32	0.92	8.49	103.91	0.69	36.78
2.19	14.47	44.32	0.8	8.49	102.81	0.67	36.78
2.193	14.47	44.33	0.88	8.48	103.43	0.68	36.78
2.202	14.48	44.32	0.88	8.48	106.0	0.66	36.78
2.221	14.47	44.32	0.84	8.49	108.38	0.67	36.78
2.243	14.47	44.32	0.8	8.5	102.85	0.66	36.78
2.272	14.47	44.33	1.22	8.5	101.41	0.69	36.79
2.3	14.47	44.34	1.22	8.5	98.9	0.65	36.8
2.319	14.47	44.33	1.18	8.51	102.28	0.63	36.79
2.332	14.47	44.33	1.3	8.51	103.64	0.69	36.79
2.345	14.47	44.33	1.26	8.51	106.76	0.88	36.79
2.364	14.47	44.33	1.26	8.52	105.31	0.88	36.79
2.381	14.47	44.33	1.26	8.52	108.06	0.94	36.79
2.391	14.47	44.33	1.33	8.51	110.11	0.72	36.79
2.401	14.47	44.33	1.41	8.51	111.8	0.65	36.79
2.419	14.47	44.34	1.3	8.51	108.64	0.76	36.8
2.444	14.47	44.36	1.49	8.51	113.92	0.66	36.82
2.476	14.46	44.38	1.41	8.51	117.05	0.63	36.85
2.51	14.43	44.39	1.6	8.51	110.05	0.67	36.88
2.536	14.41	44.38	1.53	8.52	106.96	0.71	36.89
2.557	14.4	44.37	1.91	8.52	110.08	0.66	36.89
2.576	14.4	44.37	1.49	8.52	111.47	0.73	36.9
2.594	14.39	44.38	1.56	8.51	113.0	0.71	36.91
2.613	14.39	44.38	1.56	8.51	114.58	0.66	36.92
2.632	14.38	44.39	1.56	8.5	123.21	0.95	36.93
2.647	14.36	44.39	1.68	8.5	112.53	0.78	36.95
2.657	14.35	44.39	1.6	8.49	111.49	0.76	36.96
2.659	14.34	44.37	1.75	8.49	127.21	0.73	36.95
2.676	14.34	44.4	1.87	8.5	139.47	0.74	36.98
2.718	14.33	44.44	1.79	8.5	162.34	0.66	37.03

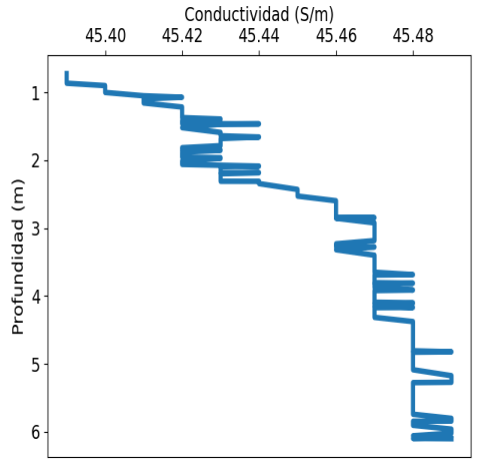
2.77	14.31	44.47	1.95	8.5	132.02	0.66	37.08
2.811	14.28	44.49	1.87	8.5	121.7	0.71	37.12
2.841	14.26	44.45	1.83	8.51	107.23	0.67	37.1
2.861	14.25	44.42	1.87	8.51	129.17	0.69	37.09
2.876	14.24	44.41	1.87	8.51	134.99	0.63	37.08
2.891	14.23	44.41	1.95	8.5	144.1	0.79	37.09
2.899	14.23	44.4	2.1	8.5	158.91	0.68	37.09
2.9	14.23	44.4	2.02	8.49	191.86	0.67	37.09
2.903	14.23	44.4	2.02	8.48	217.19	0.69	37.09
2.915	14.23	44.42	1.95	8.47	186.69	0.69	37.11
2.947	14.23	44.51	1.72	8.47	162.83	0.62	37.19
3.0	14.22	44.65	1.79	8.45	145.99	0.65	37.33
3.056	14.19	44.77	1.6	8.44	143.5	0.58	37.47
3.097	14.14	44.79	1.68	8.44	175.44	0.62	37.55
3.119	14.09	44.63	1.72	8.43	129.26	0.62	37.43
3.125	14.07	44.56	1.56	8.41	148.79	0.65	37.39
3.128	14.05	44.53	1.6	8.39	190.8	0.64	37.39
3.134	14.07	44.53	1.56	8.38	211.82	0.65	37.36
3.149	14.1	44.56	1.56	8.37	163.47	0.62	37.36
3.178	14.12	44.68	1.64	8.37	162.22	0.72	37.45
3.21	14.13	44.71	1.6	8.37	217.64	0.66	37.47
3.222	14.15	44.59	1.68	8.4	187.12	0.65	37.35
3.225	14.16	44.61	1.68	8.41	189.43	0.64	37.35
3.239	14.18	44.63	1.56	8.41	168.39	0.69	37.35
3.278	14.19	44.78	1.14	8.41	154.91	0.66	37.49
3.331	14.18	44.9	1.41	8.41	156.14	0.71	37.6
3.378	14.12	44.95	1.22	8.41	182.96	0.69	37.71
3.414	14.0	44.99	0.99	8.43	222.64	0.73	37.86
3.437	13.9	44.96	1.07	8.43	243.43	0.67	37.93
3.452	13.86	44.9	1.22	8.43	173.86	0.74	37.92
3.462	13.85	44.88	1.22	8.44	173.94	0.81	37.91
3.463	13.8	44.9	1.18	8.45	268.25	0.69	37.98
3.466	13.81	44.91	0.95	8.47	156.86	0.73	37.98
3.484	13.85	44.93	0.92	8.49	189.65	0.7	37.96
3.523	13.88	45.04	0.95	8.5	191.6	0.69	38.03
3.572	13.88	45.19	1.14	8.5	154.59	0.71	38.17
3.607	13.73	45.33	0.92	8.51	146.46	0.63	38.45
3.617	13.82	45.31	1.03	8.5	163.73	0.69	38.35
3.65	13.88	45.32	0.88	8.5	184.36	0.72	38.3
3.688	13.9	45.33	0.92	8.51	221.36	0.71	38.28
3.721	13.88	45.34	0.72	8.53	206.68	0.69	38.31
3.739	13.85	45.38	0.92	8.54	193.74	0.69	38.38
3.745	13.83	45.41	0.84	8.56	175.97	0.71	38.43
3.749	13.82	45.45	0.72	8.56	170.47	0.76	38.48
3.757	13.84	45.45	0.8	8.56	187.81	0.68	38.45
3.771	13.88	45.41	0.88	8.56	216.94	0.7	38.38
3.786	13.9	45.37	0.95	8.56	210.94	0.69	38.33
3.804	13.9	45.39	0.76	8.56	190.62	0.68	38.35
3.825	13.89	45.4	0.99	8.56	209.14	0.62	38.37
3.848	13.84	45.43	0.88	8.56	180.18	0.67	38.44
3.879	13.7	45.48	0.76	8.57	161.51	0.69	38.62
3.916	13.53	45.62	0.76	8.58	177.45	0.67	38.93
3.959	13.39	45.78	1.22	8.59	186.25	0.7	39.24
3.989	13.27	45.84	0.76	8.58	202.32	0.66	39.41
3.996	13.39	45.86	0.72	8.57	216.74	0.64	39.31
4.011	13.46	45.89	0.72	8.56	192.08	0.74	39.27
4.02	13.48	45.91	0.84	8.56	174.87	0.65	39.26
4.024	13.5	45.92	0.88	8.56	194.82	0.69	39.26

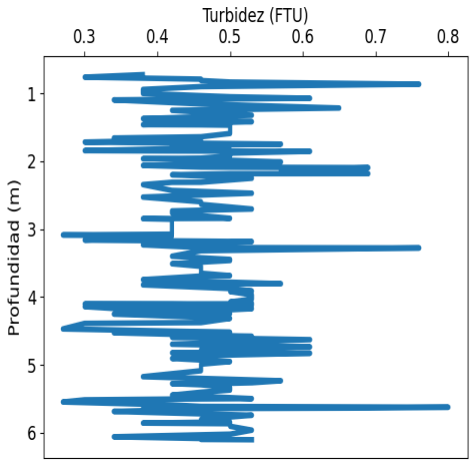
4.042	13.49	45.87	0.92	8.56	181.19	0.66	39.22
4.078	13.47	45.93	0.76	8.56	189.7	0.68	39.3
4.121	13.42	45.96	0.8	8.56	178.93	0.68	39.38
4.158	13.33	45.98	0.61	8.56	161.25	0.65	39.49
4.189	13.26	45.99	0.69	8.55	165.76	0.66	39.57
4.216	13.23	46.0	0.69	8.53	162.34	0.66	39.61
4.217	13.21	46.04	0.8	8.51	162.19	0.66	39.67
4.223	13.31	46.04	0.69	8.51	178.02	0.66	39.57
4.236	13.4	46.05	0.72	8.5	191.37	0.66	39.49
4.246	13.44	46.06	0.8	8.51	205.11	0.64	39.46
4.255	13.46	46.08	0.72	8.51	172.1	0.67	39.45
4.278	13.48	46.06	0.72	8.51	146.9	0.66	39.41
4.319	13.47	46.07	0.69	8.51	151.36	0.66	39.43
4.369	13.44	46.14	0.69	8.51	184.15	0.69	39.53
4.414	13.34	46.18	0.65	8.51	178.31	0.65	39.67
4.446	13.23	46.17	0.57	8.53	166.45	0.82	39.78
4.459	13.33	46.33	0.65	8.53	183.04	0.63	39.83
4.477	13.4	46.27	0.72	8.54	153.52	0.68	39.7
4.514	13.43	46.26	1.26	8.54	144.57	0.63	39.65
4.556	13.44	46.27	0.8	8.53	157.92	0.66	39.66
4.584	13.32	46.31	0.88	8.54	186.56	0.64	39.82
4.592	13.22	46.34	0.8	8.55	189.61	0.63	39.96
4.593	13.16	46.35	0.8	8.55	171.46	0.65	40.03
4.61	13.12	46.34	0.69	8.55	161.85	0.63	40.06
4.644	13.13	46.33	0.65	8.54	155.63	0.57	40.04
4.677	13.11	46.36	0.69	8.54	165.87	0.6	40.08
4.691	13.05	46.37	0.84	8.54	163.39	0.59	40.16
4.698	13.0	46.4	0.65	8.54	153.09	0.56	40.24
4.713	12.96	46.4	0.65	8.55	160.21	0.56	40.29
4.736	12.94	46.41	0.72	8.55	170.91	0.57	40.32
4.753	12.94	46.43	0.8	8.55	169.72	0.57	40.34
4.765	12.94	46.45	0.72	8.55	155.2	0.55	40.35
4.773	12.95	46.46	0.84	8.55	150.0	0.54	40.36
4.785	12.96	46.47	0.72	8.56	156.24	0.57	40.36
4.804	12.96	46.46	1.3	8.56	160.06	0.58	40.36
4.83	12.92	46.51	0.99	8.57	150.35	0.56	40.43
4.853	12.85	46.55	0.88	8.58	157.66	0.59	40.55
4.868	12.78	46.57	0.84	8.6	158.51	0.62	40.65
4.881	12.73	46.63	0.8	8.63	159.72	0.67	40.76
4.884	12.65	46.6	0.8	8.66	151.36	0.66	40.82

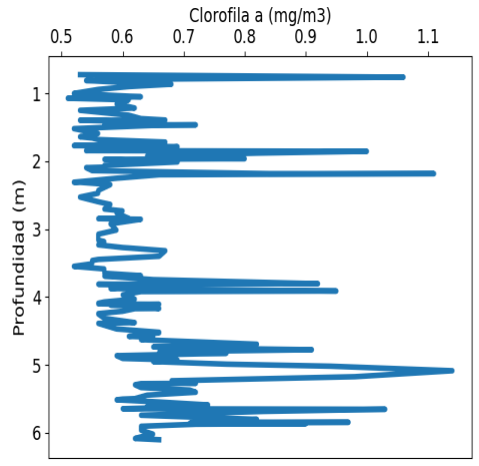
Nombre: CTD N5F - Punto 008 **Fecha: 20/01/2025** **Hora: 09:01:09**

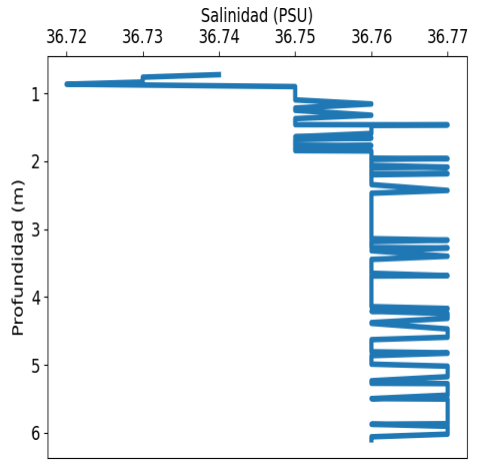


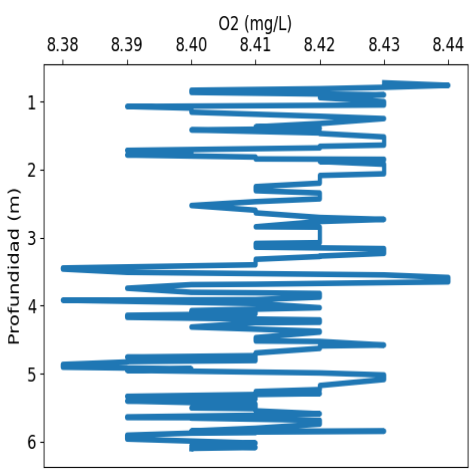


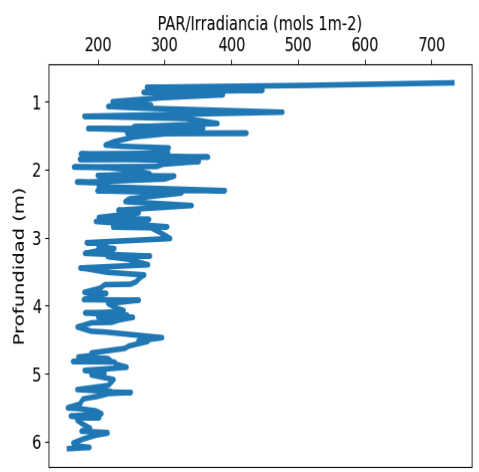












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.55	45.39	0.27	8.38	154.62	0.51	36.72
PROF (metros)	0.94	0.722	3.085	3.446	5.505	1.07	0.863
MÁXIMO	15.62	15.62	0.8	8.44	731.46	1.14	36.77
PROF (metros)	4.377	4.823	5.625	0.759	0.722	5.087	1.462

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	15.57	45.39	0.45	8.42	391.59	0.64	36.74
1 - 2m	15.57	45.42	0.46	8.42	272.09	0.63	36.76
2 - 3m	15.59	45.45	0.48	8.42	255.24	0.61	36.76
3 - 4m	15.61	45.47	0.46	8.41	221.29	0.61	36.76
4 - 5m	15.61	45.48	0.46	8.41	217.37	0.64	36.76
5 - 6m	15.62	45.48	0.47	8.41	190.01	0.73	36.77
6 - 7m	15.62	45.49	0.46	8.4	167.3	0.64	36.76

OBSERVACIONES GENERALES

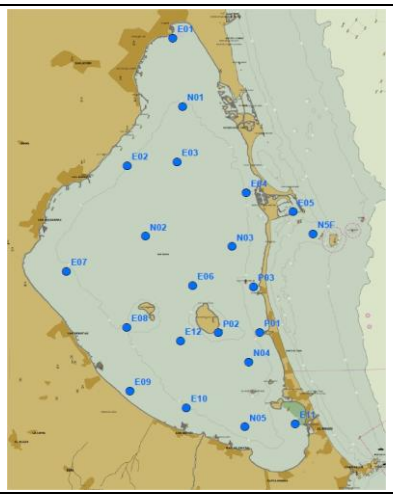
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.722	15.56	45.39	0.38	8.43	731.46	0.53	36.74
0.759	15.57	45.39	0.3	8.44	517.14	1.06	36.73
0.788	15.57	45.39	0.46	8.43	273.14	0.65	36.73
0.809	15.57	45.39	0.46	8.42	380.66	0.54	36.73
0.831	15.57	45.39	0.5	8.4	446.88	0.59	36.73
0.863	15.57	45.39	0.76	8.4	268.13	0.68	36.72
0.898	15.56	45.4	0.46	8.43	387.51	0.61	36.75
0.94	15.55	45.4	0.38	8.42	297.67	0.56	36.75
0.999	15.55	45.4	0.38	8.43	221.72	0.52	36.75
1.048	15.56	45.41	0.5	8.43	279.74	0.63	36.75
1.07	15.57	45.42	0.61	8.39	215.14	0.51	36.75
1.094	15.57	45.41	0.34	8.4	265.41	0.61	36.75
1.154	15.56	45.41	0.46	8.4	476.73	0.59	36.76
1.214	15.58	45.42	0.65	8.42	179.43	0.62	36.75
1.248	15.57	45.42	0.42	8.43	332.7	0.53	36.75
1.32	15.57	45.42	0.53	8.42	379.43	0.61	36.76
1.37	15.58	45.42	0.38	8.41	253.62	0.63	36.75
1.391	15.58	45.43	0.5	8.42	357.9	0.67	36.75
1.394	15.58	45.43	0.46	8.42	185.05	0.53	36.75
1.415	15.58	45.42	0.53	8.4	258.19	0.62	36.75
1.459	15.58	45.42	0.38	8.42	243.48	0.57	36.75
1.462	15.57	45.44	0.46	8.42	422.9	0.72	36.77
1.467	15.57	45.43	0.5	8.42	304.86	0.66	36.76
1.518	15.57	45.42	0.5	8.43	254.38	0.52	36.76
1.589	15.57	45.43	0.5	8.43	223.78	0.56	36.76
1.638	15.58	45.43	0.46	8.43	211.28	0.53	36.75
1.656	15.58	45.44	0.34	8.42	235.54	0.55	36.76
1.679	15.58	45.43	0.46	8.42	306.28	0.56	36.75
1.716	15.58	45.43	0.3	8.39	302.54	0.67	36.75
1.746	15.58	45.43	0.57	8.4	305.36	0.6	36.75
1.761	15.58	45.43	0.46	8.4	263.51	0.6	36.75
1.768	15.58	45.43	0.5	8.4	174.11	0.52	36.76
1.784	15.58	45.43	0.42	8.39	207.88	0.69	36.75
1.814	15.58	45.42	0.42	8.41	365.27	0.66	36.75
1.842	15.58	45.42	0.3	8.41	226.92	0.54	36.75

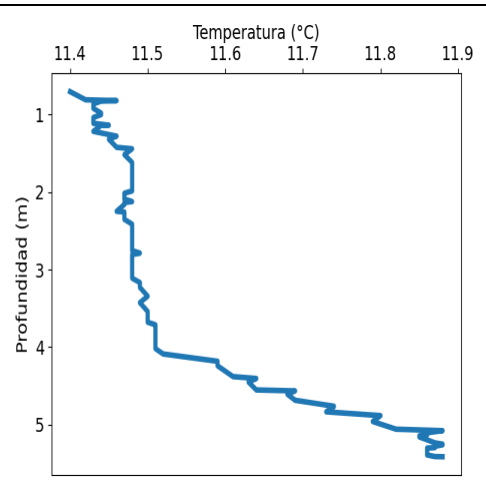
1.847	15.57	45.43	0.42	8.43	172.62	0.79	36.76
1.852	15.57	45.43	0.61	8.43	257.17	1.0	36.76
1.879	15.57	45.42	0.5	8.42	351.41	0.82	36.76
1.92	15.57	45.42	0.5	8.43	297.12	0.64	36.76
1.953	15.57	45.42	0.46	8.43	288.37	0.64	36.76
1.961	15.57	45.43	0.38	8.43	163.92	0.8	36.77
1.971	15.57	45.43	0.46	8.43	216.84	0.57	36.76
2.009	15.57	45.42	0.57	8.43	256.4	0.69	36.76
2.06	15.57	45.42	0.38	8.43	277.74	0.57	36.76
2.085	15.57	45.44	0.46	8.42	199.39	0.57	36.77
2.093	15.57	45.43	0.69	8.42	314.55	0.54	36.76
2.137	15.57	45.43	0.57	8.42	300.1	0.55	36.76
2.181	15.57	45.43	0.69	8.42	186.6	0.84	36.76
2.182	15.57	45.44	0.5	8.42	168.31	1.11	36.77
2.198	15.57	45.43	0.42	8.42	212.71	0.66	36.76
2.249	15.57	45.43	0.53	8.41	201.06	0.59	36.76
2.308	15.57	45.43	0.46	8.41	390.49	0.52	36.76
2.309	15.58	45.44	0.42	8.41	199.02	0.53	36.76
2.343	15.58	45.44	0.38	8.42	325.15	0.58	36.76
2.429	15.58	45.45	0.42	8.42	247.01	0.56	36.77
2.47	15.59	45.45	0.53	8.41	240.96	0.56	36.76
2.527	15.59	45.45	0.38	8.4	340.74	0.53	36.76
2.596	15.6	45.46	0.46	8.41	230.47	0.56	36.76
2.635	15.6	45.46	0.46	8.41	261.38	0.58	36.76
2.703	15.6	45.46	0.53	8.42	201.06	0.57	36.76
2.731	15.61	45.46	0.42	8.43	276.97	0.6	36.76
2.762	15.6	45.46	0.42	8.42	196.77	0.59	36.76
2.84	15.6	45.46	0.5	8.41	304.09	0.61	36.76
2.845	15.61	45.47	0.38	8.42	222.54	0.56	36.76
2.854	15.61	45.46	0.42	8.42	279.36	0.63	36.76
2.922	15.61	45.47	0.42	8.42	292.95	0.58	36.76
3.013	15.61	45.47	0.42	8.42	308.42	0.59	36.76
3.074	15.61	45.47	0.42	8.42	182.96	0.56	36.76
3.085	15.61	45.47	0.27	8.41	201.48	0.56	36.76
3.103	15.61	45.47	0.42	8.41	212.51	0.56	36.76
3.14	15.61	45.47	0.34	8.41	200.83	0.56	36.76
3.161	15.6	45.47	0.3	8.43	224.77	0.56	36.77
3.183	15.6	45.47	0.53	8.43	204.82	0.57	36.76
3.231	15.6	45.46	0.38	8.43	180.43	0.56	36.76
3.271	15.6	45.46	0.46	8.42	278.32	0.6	36.76
3.277	15.6	45.47	0.76	8.42	214.44	0.61	36.77
3.318	15.6	45.46	0.46	8.41	245.58	0.67	36.76
3.399	15.6	45.47	0.42	8.41	275.43	0.66	36.77
3.446	15.61	45.47	0.5	8.38	173.38	0.56	36.76
3.462	15.61	45.47	0.5	8.38	185.56	0.55	36.76
3.51	15.61	45.47	0.42	8.39	213.99	0.55	36.76
3.548	15.61	45.47	0.46	8.43	269.62	0.52	36.76
3.586	15.61	45.47	0.46	8.44	263.57	0.57	36.76
3.65	15.61	45.47	0.46	8.44	256.99	0.57	36.76
3.685	15.61	45.48	0.5	8.41	248.67	0.63	36.77
3.691	15.61	45.47	0.46	8.4	210.45	0.57	36.76
3.744	15.61	45.47	0.38	8.39	203.17	0.65	36.76
3.804	15.61	45.47	0.57	8.4	179.43	0.92	36.76
3.811	15.61	45.48	0.42	8.41	203.87	0.56	36.76
3.821	15.61	45.47	0.38	8.42	212.71	0.64	36.76
3.875	15.61	45.47	0.5	8.42	189.39	0.58	36.76
3.912	15.61	45.48	0.53	8.41	178.68	0.95	36.76
3.92	15.61	45.47	0.5	8.38	261.5	0.63	36.76

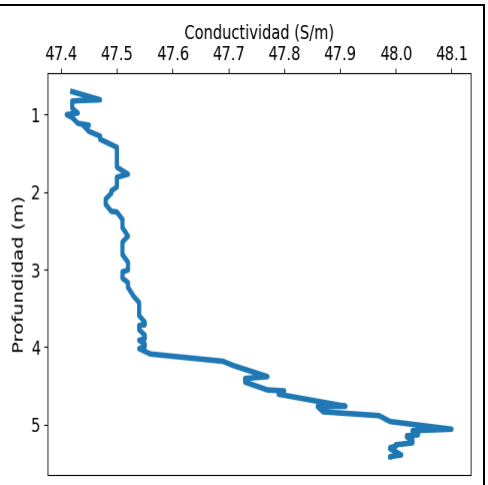
3.969	15.61	45.47	0.53	8.41	215.19	0.6	36.76
4.031	15.61	45.47	0.53	8.42	226.29	0.62	36.76
4.073	15.61	45.47	0.5	8.4	238.84	0.57	36.76
4.092	15.61	45.47	0.53	8.4	230.2	0.56	36.76
4.1	15.61	45.48	0.53	8.41	204.82	0.56	36.76
4.103	15.61	45.48	0.3	8.4	181.86	0.58	36.76
4.107	15.61	45.48	0.42	8.41	180.52	0.66	36.76
4.119	15.61	45.47	0.53	8.41	199.57	0.58	36.76
4.142	15.61	45.47	0.3	8.39	244.44	0.64	36.76
4.169	15.61	45.48	0.34	8.39	200.22	0.66	36.77
4.172	15.61	45.47	0.53	8.39	252.8	0.62	36.77
4.21	15.61	45.47	0.46	8.42	231.65	0.6	36.76
4.245	15.61	45.47	0.5	8.42	220.9	0.56	36.77
4.251	15.61	45.47	0.34	8.41	190.97	0.56	36.77
4.315	15.61	45.47	0.5	8.4	169.17	0.57	36.77
4.377	15.62	45.48	0.46	8.42	189.96	0.62	36.76
4.389	15.61	45.48	0.3	8.42	211.33	0.56	36.76
4.471	15.61	45.48	0.27	8.41	296.36	0.59	36.77
4.52	15.62	45.48	0.5	8.41	260.41	0.66	36.77
4.527	15.62	45.48	0.34	8.42	274.8	0.66	36.77
4.58	15.62	45.48	0.53	8.43	251.75	0.61	36.77
4.593	15.62	45.48	0.42	8.42	246.61	0.65	36.77
4.629	15.62	45.48	0.61	8.42	240.34	0.63	36.76
4.696	15.62	45.48	0.42	8.41	190.27	0.82	36.76
4.736	15.62	45.48	0.61	8.41	188.73	0.65	36.76
4.757	15.62	45.48	0.53	8.39	170.31	0.75	36.76
4.777	15.62	45.48	0.46	8.41	214.74	0.91	36.76
4.808	15.62	45.48	0.53	8.41	218.66	0.66	36.76
4.823	15.62	45.49	0.42	8.39	162.45	0.7	36.77
4.829	15.62	45.48	0.61	8.39	224.61	0.77	36.77
4.865	15.62	45.48	0.46	8.38	228.08	0.59	36.76
4.906	15.62	45.48	0.42	8.38	243.14	0.6	36.76
4.929	15.62	45.48	0.46	8.4	215.74	0.69	36.76
4.952	15.62	45.48	0.5	8.39	179.81	0.65	36.76
4.99	15.62	45.48	0.46	8.42	210.11	0.77	36.76
5.02	15.62	45.48	0.46	8.43	190.18	0.94	36.77
5.087	15.62	45.48	0.46	8.43	223.63	1.14	36.77
5.175	15.62	45.49	0.38	8.42	215.59	0.98	36.77
5.235	15.62	45.49	0.57	8.42	168.9	0.68	36.76
5.264	15.62	45.49	0.53	8.41	219.37	0.68	36.76
5.272	15.62	45.49	0.5	8.41	216.29	0.72	36.76
5.277	15.62	45.48	0.42	8.41	249.6	0.63	36.77
5.294	15.62	45.48	0.46	8.42	215.74	0.62	36.77
5.335	15.62	45.48	0.5	8.39	199.76	0.63	36.77
5.372	15.62	45.48	0.5	8.41	178.15	0.71	36.77
5.404	15.62	45.48	0.46	8.39	175.48	0.72	36.77
5.447	15.62	45.48	0.42	8.41	173.3	0.64	36.77
5.498	15.62	45.48	0.53	8.41	155.85	0.62	36.76
5.505	15.62	45.48	0.42	8.4	154.62	0.6	36.77
5.516	15.62	45.48	0.3	8.41	172.54	0.59	36.77
5.548	15.62	45.48	0.27	8.41	197.0	0.66	36.77
5.591	15.62	45.48	0.42	8.42	205.49	0.74	36.77
5.613	15.62	45.48	0.46	8.41	175.28	0.64	36.77
5.625	15.62	45.48	0.8	8.4	159.02	0.71	36.77
5.637	15.62	45.48	0.69	8.39	168.63	0.64	36.77
5.647	15.62	45.48	0.42	8.39	202.27	0.6	36.77
5.648	15.62	45.48	0.38	8.4	192.49	0.63	36.77
5.655	15.62	45.48	0.46	8.4	170.27	1.03	36.77

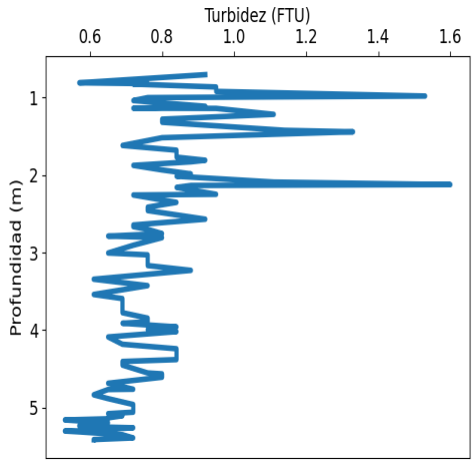
5.687	15.62	45.48	0.34	8.42	169.06	0.83	36.77
5.743	15.62	45.48	0.53	8.42	177.24	0.63	36.77
5.804	15.62	45.49	0.46	8.41	188.42	0.82	36.77
5.844	15.62	45.49	0.5	8.4	177.82	0.75	36.77
5.847	15.62	45.48	0.46	8.43	175.2	0.97	36.77
5.859	15.62	45.48	0.38	8.41	199.34	0.71	36.77
5.868	15.62	45.48	0.5	8.41	214.49	0.9	36.77
5.876	15.62	45.48	0.5	8.4	214.69	0.72	36.76
5.906	15.62	45.48	0.5	8.39	196.91	0.63	36.77
5.963	15.62	45.49	0.53	8.39	177.82	0.63	36.77
6.022	15.62	45.49	0.5	8.41	162.86	0.65	36.77
6.061	15.62	45.48	0.34	8.4	166.26	0.63	36.76
6.086	15.62	45.49	0.46	8.41	187.51	0.62	36.76
6.1	15.62	45.48	0.46	8.4	163.54	0.65	36.76
6.104	15.62	45.49	0.53	8.4	156.32	0.66	36.76

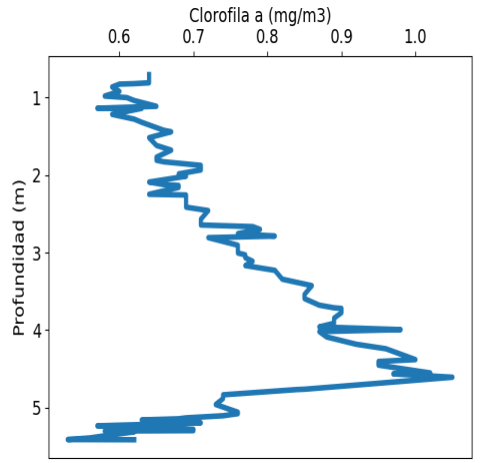
Nombre: CTD E04 - Punto 009 **Fecha: 20/01/2025** **Hora: 10:01:17**

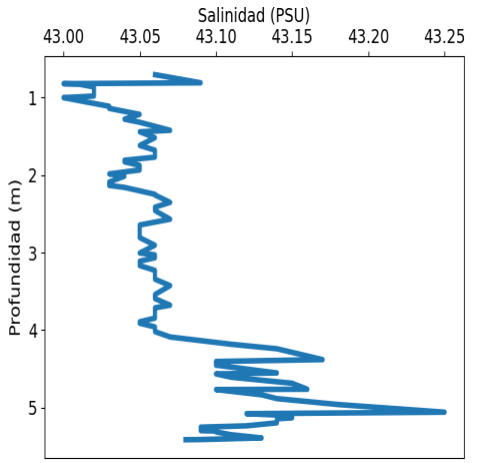


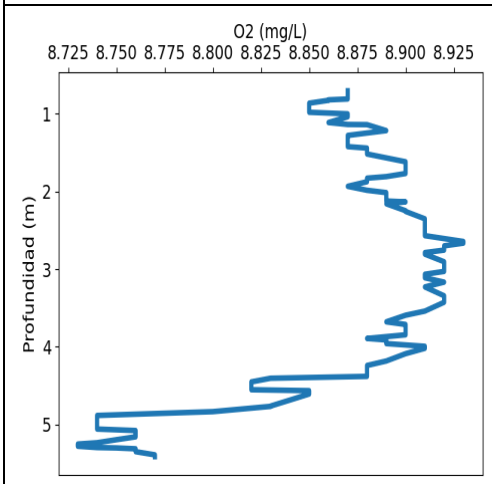


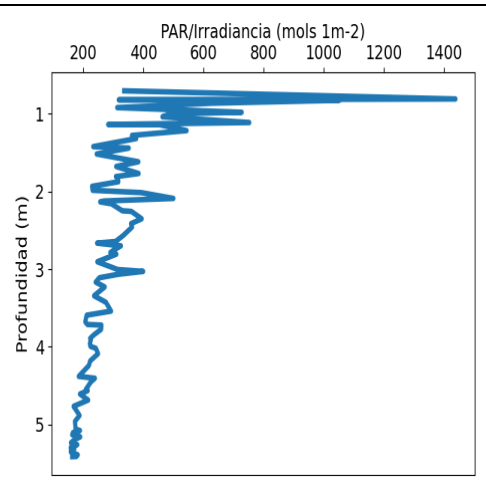


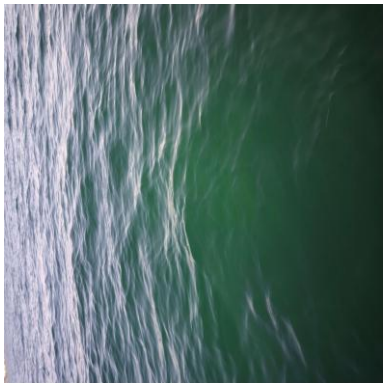












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.4	47.41	0.53	8.73	158.43	0.53	43.0
PROF (metros)	0.705	1.001	5.158	5.251	5.296	5.411	0.821
MÁXIMO	11.88	11.88	1.6	8.93	1437.5	1.05	43.25
PROF (metros)	5.077	5.058	2.123	2.644	0.81	4.607	5.058

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	11.43	47.43	0.91	8.86	687.54	0.61	43.03
1 - 2m	11.46	47.48	0.87	8.88	370.24	0.65	43.04
2 - 3m	11.48	47.5	0.86	8.91	326.64	0.71	43.05
3 - 4m	11.5	47.53	0.73	8.9	257.12	0.85	43.06
4 - 5m	11.66	47.78	0.72	8.84	205.75	0.9	43.12
5 - 6m	11.86	48.02	0.64	8.75	171.25	0.65	43.12

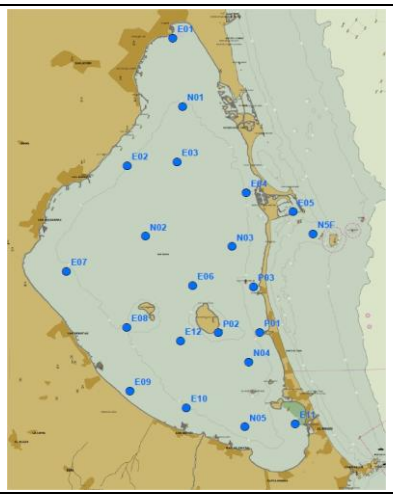
OBSERVACIONES GENERALES

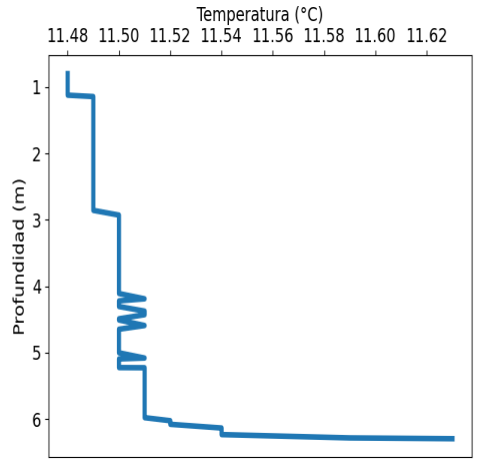
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	11.4	47.42	0.92	8.87	336.19	0.64	43.06
0.81	11.42	47.47	0.57	8.87	1437.5	0.64	43.09
0.821	11.46	47.43	0.76	8.86	318.07	0.62	43.0
0.827	11.44	47.42	0.72	8.86	1051.3	0.6	43.01
0.864	11.43	47.42	0.95	8.85	629.6	0.59	43.02
0.921	11.43	47.42	0.95	8.85	313.03	0.6	43.02
0.981	11.44	47.43	1.53	8.85	727.07	0.58	43.02
1.001	11.44	47.41	0.76	8.87	491.55	0.61	43.0
1.039	11.43	47.42	0.72	8.87	463.23	0.62	43.01
1.113	11.43	47.43	0.92	8.86	752.27	0.65	43.03
1.138	11.45	47.45	0.72	8.87	282.87	0.57	43.03
1.14	11.44	47.44	0.95	8.88	452.72	0.63	43.03
1.217	11.43	47.45	1.11	8.89	543.94	0.59	43.05
1.279	11.46	47.47	0.8	8.87	361.99	0.62	43.04
1.319	11.45	47.47	0.8	8.87	376.45	0.63	43.05
1.423	11.46	47.5	1.14	8.87	233.32	0.66	43.07
1.442	11.48	47.5	1.33	8.88	351.65	0.67	43.05
1.518	11.47	47.5	0.8	8.88	244.67	0.64	43.06
1.618	11.48	47.5	0.69	8.9	383.67	0.65	43.05
1.679	11.48	47.5	0.84	8.9	309.56	0.67	43.06
1.769	11.48	47.52	0.84	8.9	384.47	0.65	43.06
1.809	11.48	47.5	0.92	8.89	308.77	0.65	43.04
1.829	11.48	47.5	0.88	8.88	315.58	0.66	43.04
1.875	11.48	47.5	0.72	8.88	316.97	0.71	43.05
1.934	11.48	47.5	0.8	8.87	229.51	0.71	43.05
1.985	11.48	47.49	0.88	8.88	231.32	0.68	43.03
2.015	11.47	47.49	0.84	8.89	393.31	0.69	43.04
2.09	11.47	47.48	1.11	8.89	499.93	0.64	43.03
2.123	11.48	47.48	1.6	8.89	268.94	0.66	43.03
2.134	11.47	47.48	0.88	8.9	256.34	0.68	43.03
2.159	11.47	47.48	0.84	8.89	294.04	0.68	43.04
2.248	11.46	47.49	0.95	8.9	329.71	0.64	43.06
2.257	11.47	47.5	0.72	8.9	360.4	0.69	43.06
2.352	11.47	47.51	0.84	8.91	394.67	0.69	43.07
2.414	11.48	47.51	0.76	8.91	358.9	0.69	43.06
2.458	11.48	47.51	0.76	8.91	362.58	0.72	43.06

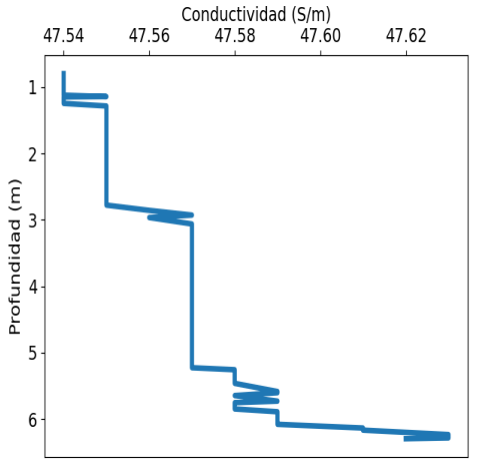
2.569	11.48	47.52	0.92	8.91	332.39	0.71	43.07
2.644	11.48	47.51	0.72	8.93	307.7	0.71	43.05
2.665	11.48	47.51	0.72	8.93	246.15	0.78	43.05
2.7	11.48	47.51	0.76	8.92	325.53	0.79	43.05
2.755	11.48	47.51	0.8	8.92	301.42	0.76	43.05
2.787	11.49	47.51	0.65	8.91	290.18	0.81	43.05
2.807	11.48	47.51	0.8	8.91	310.43	0.72	43.05
2.905	11.48	47.52	0.72	8.92	246.89	0.76	43.06
3.005	11.48	47.52	0.65	8.92	314.77	0.76	43.05
3.029	11.48	47.51	0.76	8.92	399.55	0.77	43.06
3.066	11.48	47.51	0.76	8.91	316.38	0.77	43.06
3.111	11.48	47.51	0.76	8.91	253.85	0.78	43.05
3.167	11.49	47.52	0.76	8.92	241.46	0.77	43.05
3.229	11.49	47.52	0.88	8.91	271.76	0.81	43.06
3.343	11.5	47.53	0.61	8.92	235.93	0.82	43.06
3.426	11.49	47.54	0.76	8.92	275.37	0.86	43.07
3.54	11.5	47.54	0.61	8.91	292.81	0.85	43.06
3.593	11.5	47.54	0.69	8.9	211.53	0.85	43.06
3.678	11.5	47.55	0.69	8.89	206.97	0.87	43.07
3.712	11.51	47.55	0.69	8.9	214.19	0.89	43.06
3.72	11.51	47.54	0.69	8.9	260.71	0.9	43.06
3.775	11.51	47.54	0.69	8.9	259.69	0.9	43.06
3.845	11.51	47.55	0.76	8.9	235.71	0.89	43.06
3.892	11.51	47.55	0.76	8.88	223.01	0.89	43.05
3.911	11.51	47.54	0.69	8.89	225.4	0.89	43.05
3.958	11.51	47.55	0.84	8.89	222.23	0.87	43.06
3.993	11.51	47.55	0.76	8.91	223.99	0.98	43.06
4.019	11.51	47.54	0.84	8.91	242.13	0.87	43.06
4.088	11.52	47.56	0.65	8.9	249.6	0.88	43.07
4.182	11.59	47.69	0.69	8.89	223.06	0.92	43.11
4.24	11.59	47.71	0.84	8.88	219.01	0.96	43.14
4.38	11.61	47.77	0.84	8.88	185.18	1.0	43.17
4.404	11.64	47.73	0.69	8.83	239.12	0.95	43.1
4.451	11.63	47.73	0.69	8.82	225.61	0.95	43.1
4.552	11.64	47.77	0.76	8.82	208.32	1.02	43.14
4.564	11.69	47.8	0.8	8.85	215.29	0.97	43.1
4.607	11.68	47.79	0.8	8.85	189.17	1.05	43.11
4.685	11.69	47.85	0.65	8.84	216.74	0.95	43.15
4.762	11.74	47.91	0.72	8.83	169.92	0.85	43.16
4.766	11.74	47.86	0.65	8.83	168.08	0.84	43.1
4.834	11.73	47.87	0.61	8.8	179.93	0.74	43.13
4.883	11.8	47.97	0.65	8.74	188.16	0.74	43.14
4.959	11.79	47.99	0.72	8.74	172.66	0.73	43.18
5.058	11.82	48.1	0.72	8.74	174.87	0.76	43.25
5.077	11.88	48.03	0.65	8.76	189.65	0.76	43.12
5.104	11.86	48.04	0.69	8.76	165.87	0.74	43.15
5.131	11.86	48.04	0.65	8.76	163.32	0.69	43.15
5.143	11.85	48.02	0.65	8.76	177.86	0.68	43.14
5.158	11.85	48.02	0.53	8.76	190.4	0.63	43.14
5.195	11.86	48.03	0.65	8.75	171.03	0.71	43.14
5.234	11.87	48.03	0.57	8.74	159.17	0.57	43.12
5.251	11.88	48.01	0.65	8.73	173.22	0.66	43.09
5.259	11.88	48.0	0.72	8.73	180.68	0.66	43.09
5.279	11.87	48.0	0.65	8.73	167.34	0.7	43.09
5.296	11.87	47.99	0.65	8.74	158.43	0.7	43.09
5.301	11.86	47.99	0.53	8.75	158.54	0.58	43.1
5.312	11.86	47.99	0.57	8.76	170.83	0.62	43.1
5.349	11.86	48.0	0.69	8.76	158.47	0.59	43.11

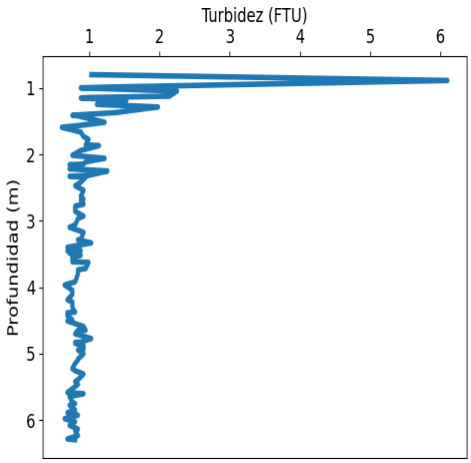
5.39	11.86	48.01	0.72	8.77	182.16	0.56	43.13
5.411	11.87	47.99	0.61	8.77	177.24	0.53	43.09
5.413	11.88	47.99	0.61	8.77	163.39	0.62	43.08

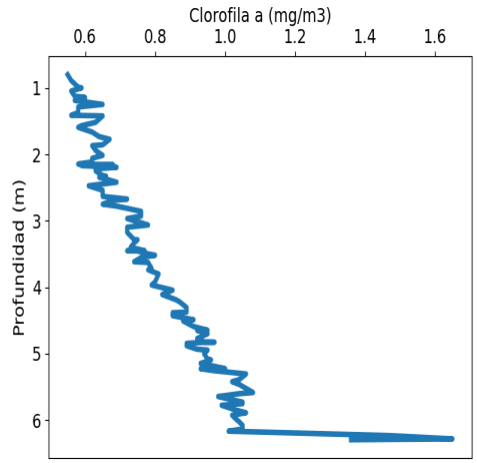
Nombre: CTD N03 - Punto 010 **Fecha: 20/01/2025** **Hora: 10:01:29**

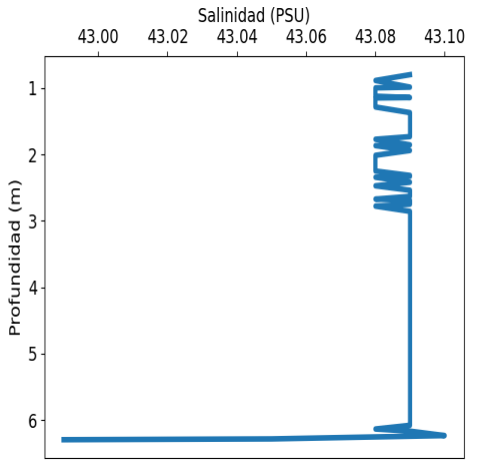


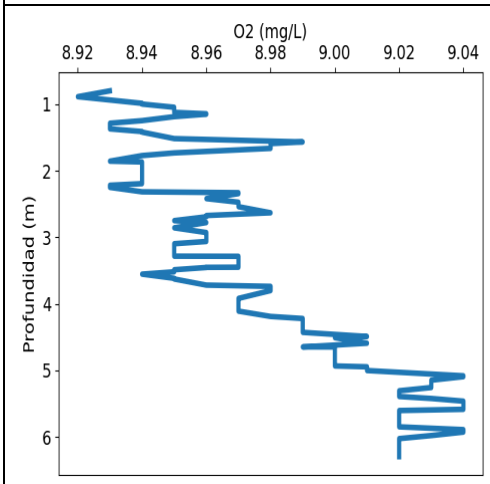


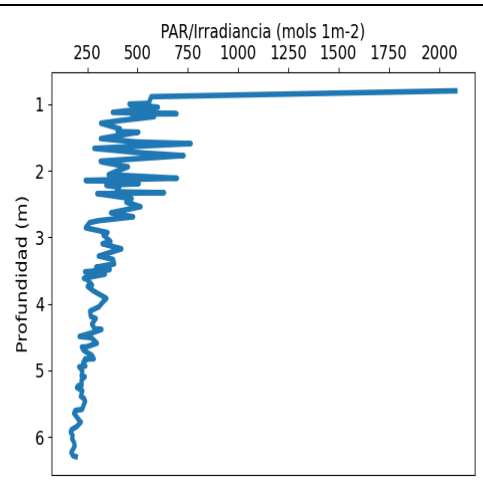


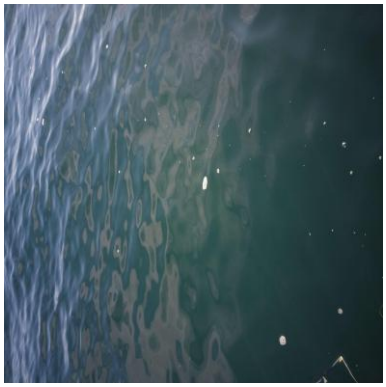












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.48	47.54	0.61	8.92	167.19	0.55	42.99
PROF (metros)	0.798	0.798	1.591	0.886	5.927	0.798	6.296
MÁXIMO	11.63	11.63	6.1	9.04	2080.5	1.65	43.1
PROF (metros)	6.296	6.234	0.886	5.081	0.798	6.284	6.234

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.48	47.54	2.32	8.93	915.6	0.57	43.09
1 - 2m	11.49	47.55	1.17	8.95	471.99	0.61	43.09
2 - 3m	11.49	47.55	0.89	8.95	403.29	0.66	43.09
3 - 4m	11.5	47.57	0.82	8.96	319.66	0.76	43.09
4 - 5m	11.5	47.57	0.81	8.99	260.57	0.9	43.09
5 - 6m	11.51	47.58	0.8	9.03	209.1	1.01	43.09
6 - 7m	11.55	47.61	0.78	9.02	181.34	1.23	43.07

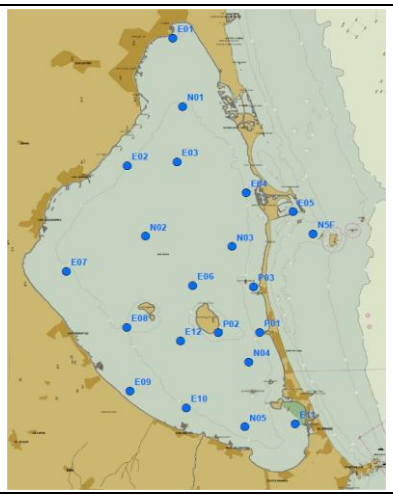
OBSERVACIONES GENERALES

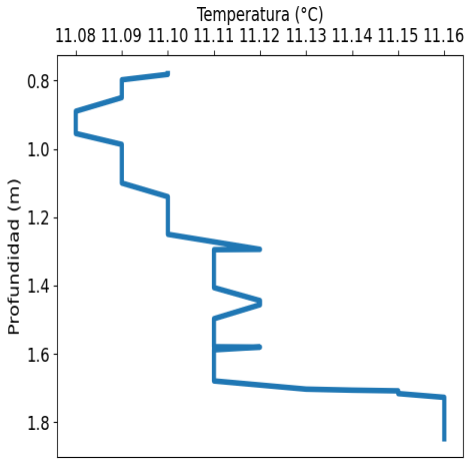
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.798	11.48	47.54	1.03	8.93	2080.5	0.55	43.09
0.886	11.48	47.54	6.1	8.92	568.03	0.56	43.08
0.986	11.48	47.54	1.26	8.94	555.02	0.58	43.09
0.997	11.48	47.54	0.88	8.94	458.85	0.59	43.08
1.045	11.48	47.54	2.25	8.95	601.5	0.56	43.08
1.122	11.48	47.54	2.14	8.95	376.19	0.57	43.08
1.143	11.49	47.55	0.99	8.96	694.14	0.6	43.09
1.149	11.49	47.54	0.88	8.96	471.46	0.58	43.08
1.186	11.49	47.54	1.53	8.95	582.03	0.57	43.08
1.246	11.49	47.54	1.11	8.94	410.44	0.65	43.08
1.285	11.49	47.55	1.98	8.93	317.7	0.58	43.08
1.37	11.49	47.55	1.37	8.93	413.02	0.58	43.09
1.41	11.49	47.55	0.76	8.94	400.76	0.56	43.09
1.419	11.49	47.55	0.84	8.94	504.36	0.65	43.09
1.516	11.49	47.55	1.22	8.95	316.53	0.63	43.09
1.566	11.49	47.55	0.84	8.99	489.16	0.59	43.09
1.591	11.49	47.55	0.61	8.98	764.57	0.58	43.09
1.663	11.49	47.55	0.88	8.98	284.45	0.62	43.09
1.731	11.49	47.55	0.92	8.95	521.47	0.64	43.09
1.771	11.49	47.55	0.99	8.94	729.26	0.67	43.08
1.855	11.49	47.55	0.95	8.93	315.8	0.65	43.09
1.867	11.49	47.55	1.14	8.94	322.53	0.62	43.08
1.94	11.49	47.55	0.88	8.94	452.51	0.63	43.09
2.013	11.49	47.55	0.76	8.94	390.22	0.65	43.08
2.058	11.49	47.55	1.22	8.94	355.75	0.62	43.08
2.112	11.49	47.55	0.95	8.94	696.07	0.62	43.08
2.144	11.49	47.55	0.92	8.94	241.18	0.58	43.08
2.155	11.49	47.55	0.72	8.94	383.05	0.68	43.08
2.168	11.49	47.55	0.8	8.94	416.09	0.59	43.08
2.193	11.49	47.55	0.88	8.94	506.11	0.69	43.08
2.217	11.49	47.55	0.72	8.93	343.91	0.63	43.08
2.249	11.49	47.55	1.26	8.93	408.26	0.63	43.08
2.316	11.49	47.55	0.99	8.94	395.59	0.65	43.09
2.329	11.49	47.55	0.72	8.97	631.94	0.66	43.09
2.343	11.49	47.55	0.95	8.97	298.92	0.64	43.08

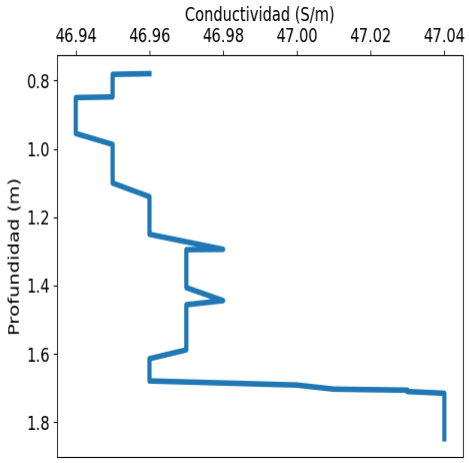
2.418	11.49	47.55	0.88	8.96	471.24	0.69	43.09
2.472	11.49	47.55	0.8	8.97	443.48	0.61	43.08
2.539	11.49	47.55	0.92	8.97	515.11	0.65	43.09
2.631	11.49	47.55	0.88	8.98	367.4	0.65	43.09
2.672	11.49	47.55	0.92	8.96	441.73	0.72	43.08
2.691	11.49	47.55	0.88	8.96	478.51	0.68	43.09
2.749	11.49	47.55	0.92	8.95	307.49	0.65	43.09
2.778	11.49	47.55	0.8	8.96	261.2	0.69	43.08
2.857	11.49	47.56	0.8	8.95	241.91	0.76	43.09
2.928	11.5	47.57	0.92	8.96	350.76	0.76	43.09
2.965	11.5	47.56	0.84	8.96	329.71	0.72	43.09
3.062	11.5	47.57	0.8	8.96	365.44	0.78	43.09
3.096	11.5	47.57	0.72	8.95	325.15	0.72	43.09
3.173	11.5	47.57	0.92	8.95	419.87	0.72	43.09
3.283	11.5	47.57	0.88	8.95	306.35	0.74	43.09
3.285	11.5	47.57	0.84	8.97	313.39	0.75	43.09
3.332	11.5	47.57	1.03	8.97	378.2	0.74	43.09
3.399	11.5	47.57	0.69	8.97	383.94	0.73	43.09
3.449	11.5	47.57	0.88	8.97	293.15	0.77	43.09
3.451	11.5	47.57	0.69	8.96	353.86	0.72	43.09
3.453	11.5	47.57	0.84	8.96	360.4	0.75	43.09
3.487	11.5	47.57	0.72	8.95	361.32	0.77	43.09
3.518	11.5	47.57	0.88	8.95	238.34	0.8	43.09
3.553	11.5	47.57	0.76	8.94	337.91	0.76	43.09
3.616	11.5	47.57	0.76	8.95	232.24	0.74	43.09
3.626	11.5	47.57	0.99	8.95	246.03	0.78	43.09
3.718	11.5	47.57	0.95	8.96	274.03	0.79	43.09
3.737	11.5	47.57	0.84	8.98	251.45	0.78	43.09
3.8	11.5	47.57	0.84	8.98	277.68	0.81	43.09
3.918	11.5	47.57	0.8	8.97	345.27	0.8	43.09
3.966	11.5	47.57	0.65	8.97	329.17	0.79	43.09
4.044	11.5	47.57	0.76	8.97	307.77	0.85	43.09
4.109	11.5	47.57	0.76	8.97	263.45	0.82	43.09
4.189	11.51	47.57	0.69	8.98	267.32	0.86	43.09
4.22	11.5	47.57	0.76	8.99	292.27	0.87	43.09
4.305	11.5	47.57	0.76	8.99	272.7	0.89	43.09
4.374	11.51	47.57	0.8	8.99	286.77	0.89	43.09
4.384	11.51	47.57	0.69	8.99	320.96	0.85	43.09
4.428	11.51	47.57	0.69	8.99	281.44	0.85	43.09
4.49	11.5	47.57	0.76	9.01	211.18	0.91	43.09
4.508	11.5	47.57	0.69	9.0	269.44	0.88	43.09
4.591	11.51	47.57	0.92	9.01	298.02	0.91	43.09
4.647	11.5	47.57	0.95	8.99	244.22	0.95	43.09
4.648	11.5	47.57	0.84	9.0	222.44	0.92	43.09
4.7	11.5	47.57	0.8	9.0	231.91	0.95	43.09
4.773	11.5	47.57	1.03	9.0	273.08	0.92	43.09
4.826	11.5	47.57	0.88	9.0	282.28	0.94	43.09
4.828	11.5	47.57	0.84	9.0	238.12	0.97	43.09
4.829	11.5	47.57	0.8	9.0	253.21	0.94	43.09
4.845	11.5	47.57	0.8	9.0	237.08	0.89	43.09
4.881	11.5	47.57	0.92	9.0	229.14	0.89	43.09
4.933	11.5	47.57	0.92	9.0	240.73	0.92	43.09
4.946	11.5	47.57	0.84	9.01	209.09	0.95	43.09
5.002	11.5	47.57	0.92	9.01	225.55	0.94	43.09
5.081	11.51	47.57	0.84	9.04	220.95	0.95	43.09
5.094	11.5	47.57	0.84	9.04	237.85	0.96	43.09
5.147	11.5	47.57	0.8	9.03	220.79	0.93	43.09
5.225	11.5	47.57	0.76	9.03	222.23	1.0	43.09

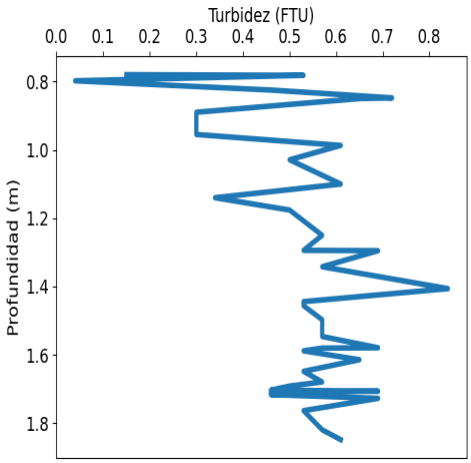
5.227	11.51	47.57	0.76	9.03	206.25	0.93	43.09
5.257	11.51	47.58	0.8	9.03	197.96	0.97	43.09
5.306	11.51	47.58	0.92	9.02	225.61	1.06	43.09
5.392	11.51	47.58	0.84	9.02	217.59	1.04	43.09
5.422	11.51	47.58	0.8	9.03	234.45	1.02	43.09
5.462	11.51	47.58	0.84	9.04	239.17	1.04	43.09
5.585	11.51	47.59	0.69	9.04	224.25	1.08	43.09
5.603	11.51	47.59	0.92	9.02	189.74	1.04	43.09
5.646	11.51	47.58	0.72	9.02	183.77	0.98	43.09
5.73	11.51	47.59	0.76	9.02	204.87	1.05	43.09
5.753	11.51	47.58	0.8	9.02	210.35	1.05	43.09
5.777	11.51	47.58	0.72	9.02	218.0	0.99	43.09
5.848	11.51	47.58	0.8	9.02	195.72	1.03	43.09
5.89	11.51	47.59	0.69	9.04	171.5	1.06	43.09
5.927	11.51	47.59	0.84	9.04	167.19	1.02	43.09
5.979	11.51	47.59	0.65	9.03	177.24	1.03	43.09
6.025	11.52	47.59	0.8	9.02	174.03	1.04	43.09
6.079	11.52	47.59	0.72	9.02	183.38	1.05	43.09
6.135	11.54	47.61	0.84	9.02	187.51	1.05	43.08
6.167	11.54	47.61	0.8	9.02	182.41	1.01	43.09
6.234	11.54	47.63	0.84	9.02	169.96	1.47	43.1
6.284	11.59	47.63	0.69	9.02	179.22	1.65	43.05
6.296	11.63	47.62	0.8	9.02	192.84	1.36	42.99

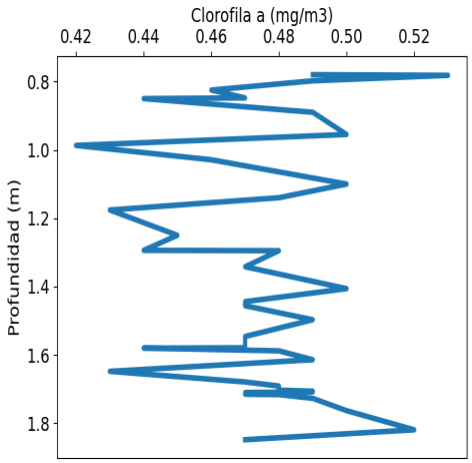
Nombre: CTD P03 - Punto 011 **Fecha: 20/01/2025** **Hora: 10:01:44**

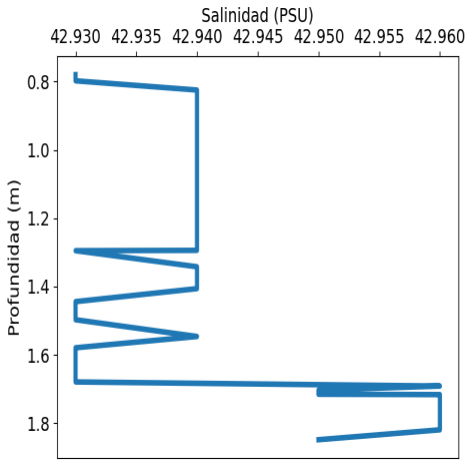


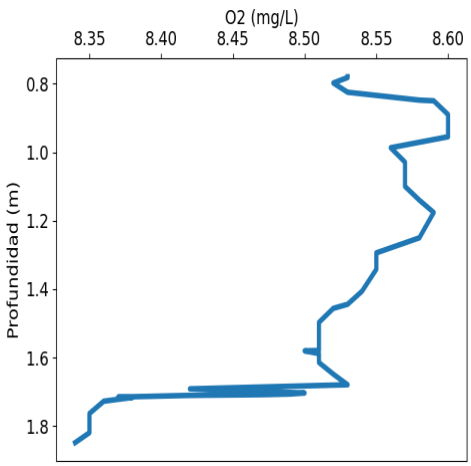


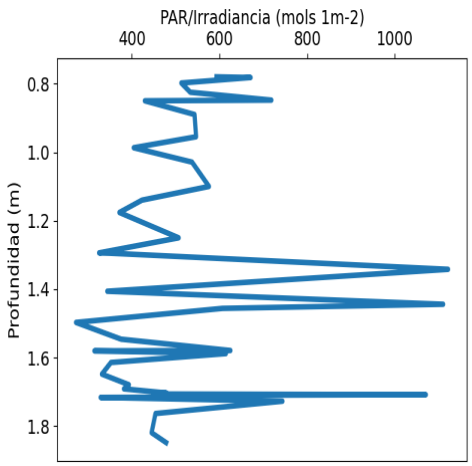












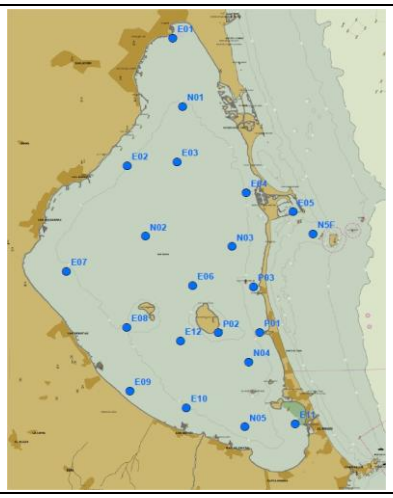
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.08	46.94	0.04	8.34	272.58	0.42	42.93
PROF (metros)	0.89	0.85	0.798	1.848	1.497	0.987	0.78
MÁXIMO	11.16	11.16	0.84	8.6	1121.3	0.53	42.96
PROF (metros)	1.727	1.715	1.406	0.89	1.342	0.782	1.691

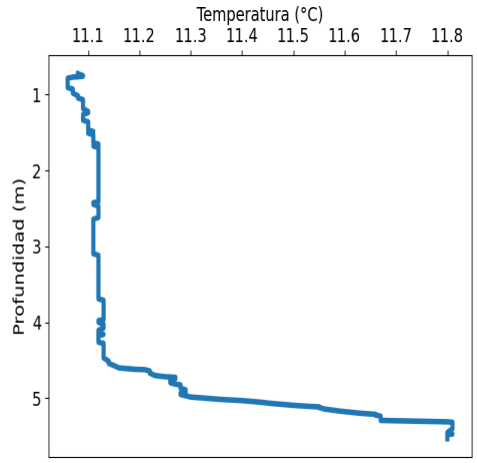
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.09	46.95	0.42	8.56	550.22	0.48	42.94
1 - 2m	11.12	46.99	0.56	8.49	514.9	0.47	42.94

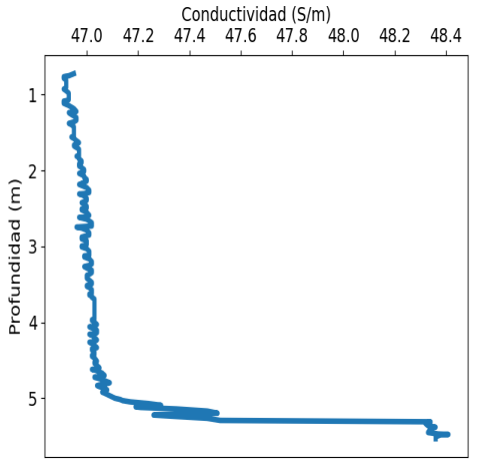
OBSERVACIONES GENERALES

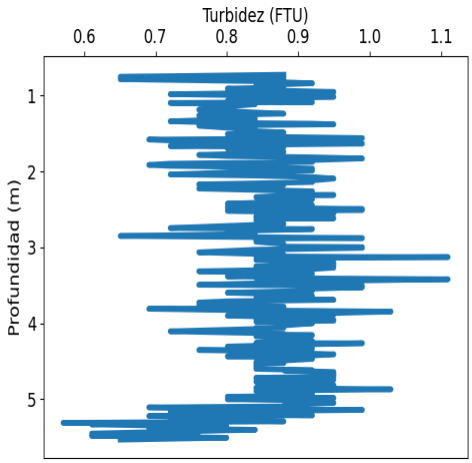
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.78	11.1	46.96	0.15	8.53	593.06	0.49	42.93
0.782	11.1	46.95	0.53	8.53	671.04	0.53	42.93
0.798	11.09	46.95	0.04	8.52	512.84	0.49	42.93
0.825	11.09	46.95	0.46	8.53	533.33	0.46	42.94
0.848	11.09	46.95	0.72	8.58	718.36	0.47	42.94
0.85	11.09	46.94	0.65	8.59	429.52	0.44	42.94
0.89	11.08	46.94	0.3	8.6	543.06	0.49	42.94
0.955	11.08	46.94	0.3	8.6	546.59	0.5	42.94
0.987	11.09	46.95	0.61	8.56	404.21	0.42	42.94
1.029	11.09	46.95	0.5	8.57	537.3	0.46	42.94
1.1	11.09	46.95	0.61	8.57	575.99	0.5	42.94
1.14	11.1	46.96	0.34	8.58	423.19	0.48	42.94
1.176	11.1	46.96	0.5	8.59	371.59	0.43	42.94
1.25	11.1	46.96	0.57	8.58	506.93	0.45	42.94
1.294	11.12	46.98	0.53	8.55	325.3	0.44	42.94
1.295	11.11	46.97	0.69	8.55	351.0	0.48	42.93
1.342	11.11	46.97	0.57	8.55	1121.3	0.47	42.94
1.406	11.11	46.97	0.84	8.54	343.91	0.5	42.94
1.444	11.12	46.98	0.53	8.53	1110.1	0.47	42.93
1.456	11.12	46.97	0.53	8.52	606.82	0.47	42.93
1.497	11.11	46.97	0.57	8.51	272.58	0.49	42.93
1.546	11.11	46.97	0.57	8.51	375.75	0.47	42.94
1.579	11.11	46.97	0.69	8.51	624.95	0.47	42.93
1.58	11.12	46.97	0.57	8.5	314.55	0.44	42.93
1.588	11.11	46.97	0.53	8.51	614.61	0.48	42.93
1.614	11.11	46.96	0.65	8.51	352.47	0.49	42.93
1.648	11.11	46.96	0.53	8.52	331.7	0.43	42.93
1.679	11.11	46.96	0.57	8.53	393.49	0.47	42.93
1.691	11.12	47.0	0.5	8.42	381.9	0.48	42.96
1.703	11.13	47.01	0.46	8.5	479.06	0.48	42.95
1.706	11.14	47.03	0.69	8.49	449.17	0.49	42.95
1.708	11.15	47.03	0.57	8.47	1070.7	0.49	42.95
1.71	11.15	47.03	0.46	8.42	542.81	0.47	42.95
1.715	11.15	47.04	0.5	8.37	520.02	0.47	42.95
1.716	11.15	47.04	0.46	8.38	328.72	0.48	42.96
1.727	11.16	47.04	0.69	8.36	743.6	0.49	42.96
1.763	11.16	47.04	0.53	8.35	453.98	0.5	42.96
1.819	11.16	47.04	0.57	8.35	445.12	0.52	42.96
1.848	11.16	47.04	0.61	8.34	478.39	0.47	42.95

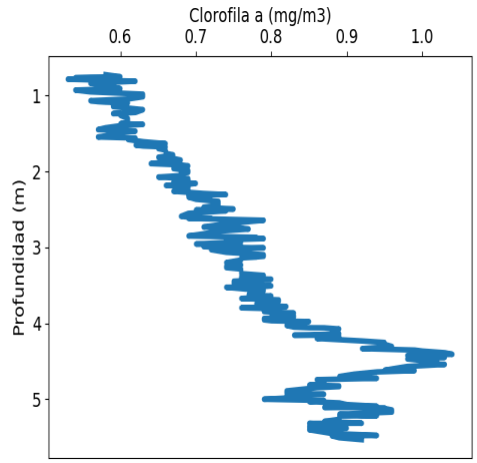
Nombre: CTD E06 - Punto 012 **Fecha: 20/01/2025** **Hora: 10:01:47**

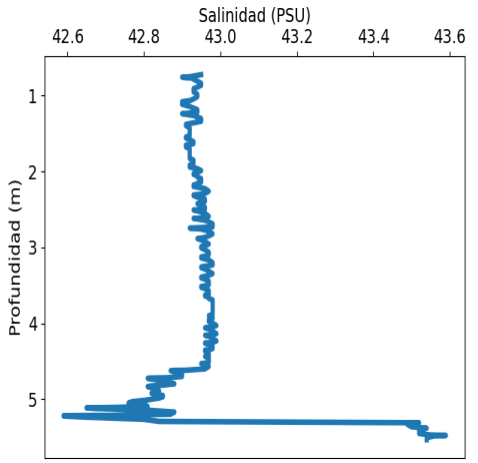


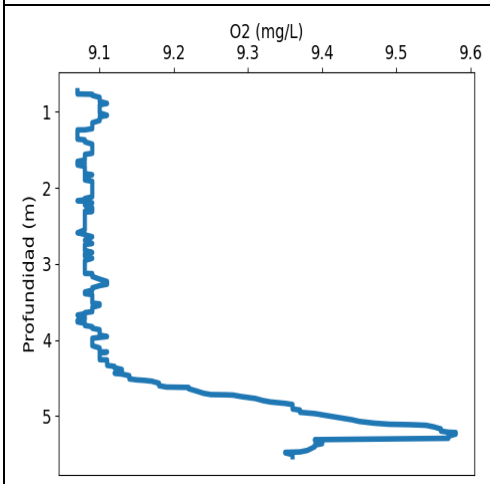


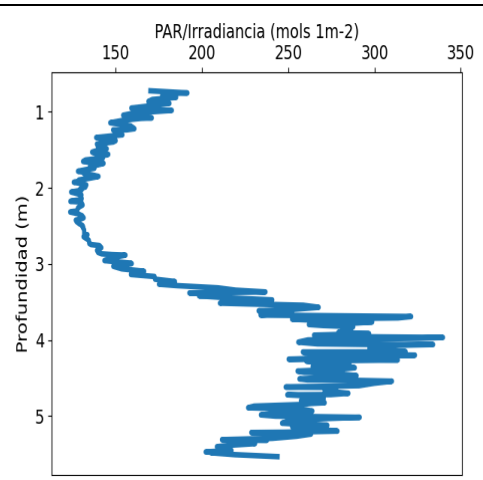












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.06	46.91	0.57	9.07	123.66	0.53	42.59
PROF (metros)	0.785	0.766	5.311	0.725	2.318	0.785	5.217
MÁXIMO	11.81	11.81	1.11	9.58	339.79	1.04	43.59
PROF (metros)	5.317	5.478	3.128	5.217	3.967	4.409	5.478

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	11.07	46.92	0.82	9.09	176.58	0.58	42.93
1 - 2m	11.11	46.95	0.84	9.08	143.1	0.63	42.92
2 - 3m	11.12	46.99	0.86	9.08	134.23	0.71	42.95
3 - 4m	11.12	47.01	0.88	9.09	231.73	0.78	42.97
4 - 5m	11.18	47.04	0.88	9.19	273.48	0.91	42.92
5 - 6m	11.66	47.76	0.77	9.46	241.55	0.9	43.09

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.725	11.08	46.95	0.88	9.07	170.2	0.58	42.95
0.753	11.09	46.93	0.65	9.07	191.68	0.6	42.92
0.758	11.09	46.92	0.84	9.07	183.89	0.56	42.9
0.766	11.08	46.91	0.8	9.07	180.73	0.54	42.91
0.77	11.07	46.91	0.88	9.09	180.31	0.57	42.93
0.785	11.06	46.91	0.65	9.09	177.04	0.53	42.93
0.811	11.06	46.92	0.84	9.1	185.18	0.62	42.94
0.839	11.06	46.92	0.92	9.1	171.34	0.56	42.95
0.865	11.06	46.92	0.84	9.1	168.98	0.58	42.95
0.89	11.06	46.92	0.88	9.11	181.27	0.59	42.94
0.909	11.06	46.92	0.8	9.1	171.62	0.6	42.93
0.928	11.07	46.91	0.84	9.1	168.12	0.54	42.93
0.952	11.07	46.92	0.95	9.1	159.1	0.56	42.93
0.982	11.07	46.93	0.72	9.1	182.66	0.63	42.94
1.016	11.08	46.93	0.95	9.1	161.14	0.63	42.94
1.046	11.08	46.93	0.84	9.11	154.37	0.61	42.93
1.068	11.09	46.93	0.8	9.1	158.91	0.56	42.92
1.081	11.09	46.92	0.88	9.1	171.07	0.57	42.9
1.087	11.09	46.91	0.92	9.1	164.76	0.58	42.9
1.097	11.09	46.91	0.72	9.1	160.43	0.61	42.9
1.115	11.09	46.91	0.84	9.1	153.87	0.59	42.9
1.145	11.09	46.93	0.8	9.09	146.9	0.59	42.92
1.186	11.09	46.95	0.76	9.09	158.76	0.63	42.94
1.223	11.1	46.96	0.84	9.09	160.99	0.62	42.94
1.238	11.1	46.93	0.88	9.08	156.35	0.59	42.9
1.239	11.1	46.93	0.88	9.07	148.55	0.6	42.9
1.263	11.09	46.94	0.76	9.07	150.21	0.6	42.93
1.303	11.09	46.96	0.84	9.07	154.05	0.61	42.95
1.339	11.09	46.96	0.72	9.07	138.73	0.61	42.95
1.36	11.1	46.95	0.8	9.07	143.2	0.61	42.93
1.37	11.1	46.94	0.92	9.08	149.27	0.6	42.92
1.38	11.1	46.93	0.95	9.08	150.14	0.63	42.91
1.397	11.1	46.94	0.76	9.08	148.72	0.6	42.91
1.425	11.1	46.95	0.8	9.09	139.15	0.58	42.92
1.449	11.1	46.95	0.84	9.09	139.7	0.57	42.92
1.469	11.1	46.95	0.84	9.09	143.54	0.62	42.92

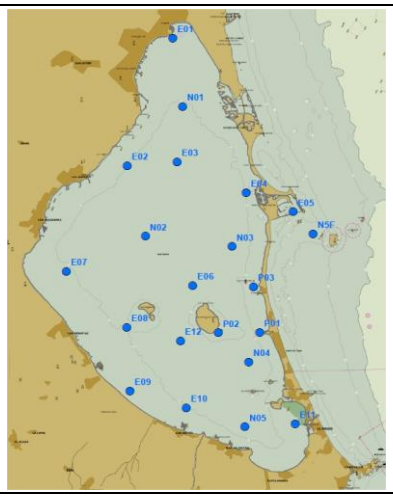
1.487	11.11	46.95	0.88	9.09	144.97	0.6	42.92
1.509	11.1	46.95	0.8	9.09	139.37	0.59	42.92
1.531	11.11	46.95	0.84	9.09	136.4	0.58	42.92
1.546	11.11	46.95	0.88	9.09	138.15	0.57	42.91
1.56	11.11	46.94	0.99	9.08	145.85	0.62	42.91
1.58	11.11	46.95	0.69	9.08	142.54	0.61	42.92
1.608	11.11	46.96	0.76	9.08	142.71	0.63	42.93
1.634	11.11	46.97	0.99	9.08	132.63	0.66	42.93
1.653	11.12	46.96	0.8	9.07	131.16	0.62	42.91
1.665	11.12	46.95	0.72	9.07	134.8	0.63	42.91
1.678	11.11	46.95	0.88	9.08	143.14	0.66	42.91
1.699	11.12	46.96	0.8	9.07	139.63	0.65	42.92
1.72	11.12	46.97	0.84	9.08	135.17	0.66	42.92
1.742	11.12	46.97	0.88	9.08	137.83	0.66	42.92
1.761	11.12	46.97	0.84	9.08	132.78	0.66	42.92
1.782	11.12	46.97	0.76	9.08	128.19	0.67	42.92
1.798	11.12	46.97	0.8	9.08	132.51	0.66	42.92
1.813	11.12	46.96	0.92	9.08	131.68	0.65	42.92
1.829	11.12	46.97	0.99	9.09	136.15	0.67	42.92
1.85	11.12	46.97	0.92	9.08	140.18	0.68	42.93
1.875	11.12	46.98	0.92	9.08	134.64	0.66	42.93
1.897	11.12	46.98	0.72	9.08	128.75	0.64	42.93
1.914	11.12	46.97	0.69	9.09	128.51	0.68	42.92
1.927	11.12	46.97	0.72	9.09	125.77	0.69	42.92
1.942	11.12	46.97	0.84	9.09	129.89	0.68	42.92
1.962	11.12	46.98	0.92	9.09	133.12	0.67	42.94
1.989	11.12	46.99	0.92	9.09	132.57	0.69	42.95
2.012	11.12	46.99	0.8	9.09	129.56	0.69	42.94
2.027	11.12	46.98	0.76	9.09	130.34	0.68	42.93
2.039	11.12	46.97	0.72	9.09	128.34	0.68	42.93
2.055	11.12	46.98	0.84	9.09	124.24	0.68	42.94
2.074	11.12	46.99	0.92	9.09	127.45	0.65	42.94
2.094	11.12	46.99	0.95	9.09	130.28	0.69	42.95
2.118	11.12	47.0	0.92	9.09	129.71	0.69	42.95
2.14	11.12	47.0	0.92	9.08	130.43	0.67	42.95
2.157	11.12	46.99	0.84	9.08	130.13	0.7	42.94
2.17	11.12	46.98	0.76	9.07	124.84	0.69	42.94
2.178	11.12	46.98	0.88	9.08	123.78	0.67	42.93
2.184	11.12	46.97	0.8	9.08	128.37	0.66	42.93
2.198	11.12	46.98	0.84	9.09	130.37	0.69	42.93
2.226	11.12	47.0	0.76	9.08	130.98	0.69	42.96
2.261	11.12	47.01	0.92	9.09	128.28	0.67	42.97
2.29	11.12	47.01	0.92	9.09	127.89	0.71	42.96
2.305	11.12	46.99	0.88	9.08	127.86	0.74	42.94
2.31	11.12	46.97	0.95	9.09	125.39	0.69	42.93
2.318	11.12	46.98	0.88	9.08	123.66	0.72	42.93
2.338	11.12	46.99	0.84	9.08	127.8	0.69	42.94
2.367	11.12	47.0	0.92	9.08	130.65	0.7	42.96
2.394	11.12	47.0	0.88	9.08	131.56	0.73	42.96
2.412	11.12	46.99	0.84	9.08	129.5	0.73	42.95
2.425	11.11	46.98	0.8	9.08	126.89	0.73	42.94
2.445	11.11	46.99	0.92	9.08	127.45	0.73	42.95
2.471	11.12	47.0	0.8	9.08	128.93	0.71	42.96
2.495	11.12	47.0	0.99	9.08	130.89	0.75	42.96
2.506	11.12	46.99	0.88	9.08	131.19	0.71	42.94
2.507	11.12	46.98	0.99	9.08	130.86	0.7	42.93
2.519	11.12	46.98	0.8	9.08	130.98	0.74	42.94
2.552	11.12	47.0	0.95	9.08	131.8	0.69	42.96

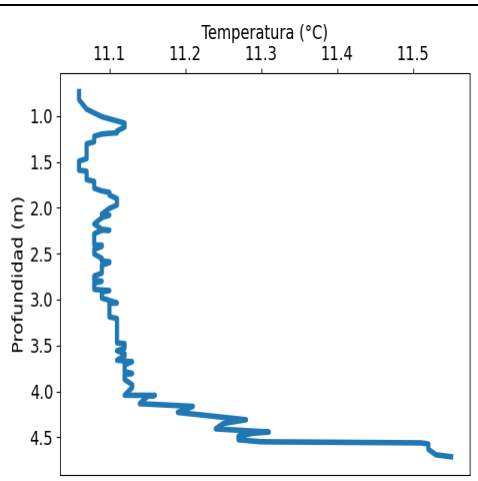
2.591	11.12	47.01	0.84	9.07	131.83	0.68	42.97
2.612	11.12	47.0	0.84	9.08	131.86	0.7	42.95
2.617	11.12	46.98	0.95	9.08	133.77	0.72	42.94
2.618	11.12	46.97	0.88	9.08	133.31	0.69	42.93
2.643	11.11	47.0	0.84	9.09	131.44	0.79	42.96
2.689	11.11	47.02	0.88	9.08	134.55	0.74	42.98
2.732	11.11	47.02	0.76	9.09	134.77	0.71	42.98
2.746	11.11	46.96	0.72	9.08	135.83	0.76	42.92
2.759	11.11	46.98	0.92	9.08	140.67	0.77	42.95
2.787	11.11	47.0	0.8	9.08	141.82	0.73	42.97
2.822	11.11	47.01	0.84	9.08	139.21	0.71	42.98
2.85	11.11	47.01	0.65	9.09	139.92	0.69	42.97
2.868	11.11	46.99	0.88	9.08	142.01	0.78	42.96
2.878	11.11	46.98	0.99	9.08	147.89	0.78	42.95
2.885	11.11	46.98	0.84	9.08	155.81	0.79	42.94
2.901	11.11	46.98	0.84	9.08	152.14	0.74	42.95
2.926	11.11	47.0	0.84	9.09	148.44	0.76	42.96
2.956	11.11	47.0	0.88	9.08	143.5	0.7	42.97
2.977	11.11	47.0	0.88	9.08	152.31	0.76	42.96
2.99	11.11	46.99	0.88	9.08	159.02	0.71	42.95
2.996	11.11	46.98	0.99	9.08	159.43	0.72	42.95
3.007	11.11	46.98	0.99	9.08	155.74	0.79	42.95
3.031	11.11	47.0	0.84	9.08	148.65	0.72	42.96
3.065	11.11	47.01	0.76	9.08	153.62	0.74	42.97
3.097	11.11	47.01	0.88	9.08	166.6	0.79	42.97
3.118	11.12	47.01	0.84	9.08	160.35	0.79	42.96
3.126	11.12	46.99	0.99	9.08	162.67	0.78	42.95
3.128	11.12	46.99	1.11	9.09	160.99	0.78	42.95
3.139	11.12	46.99	0.92	9.09	158.84	0.76	42.95
3.166	11.12	47.01	0.84	9.09	172.62	0.76	42.97
3.201	11.12	47.02	0.95	9.1	172.86	0.74	42.98
3.232	11.12	47.02	0.95	9.11	184.45	0.76	42.98
3.25	11.12	47.01	0.84	9.11	179.93	0.74	42.96
3.258	11.12	47.0	0.84	9.11	177.04	0.74	42.95
3.267	11.12	46.99	0.95	9.11	175.12	0.74	42.95
3.286	11.12	47.0	0.92	9.1	185.78	0.76	42.96
3.315	11.12	47.02	0.76	9.09	209.19	0.76	42.97
3.346	11.12	47.02	0.92	9.09	219.62	0.76	42.98
3.369	11.12	47.01	0.84	9.08	236.91	0.79	42.97
3.382	11.12	47.0	0.8	9.08	192.75	0.76	42.96
3.392	11.12	47.0	0.88	9.08	205.87	0.79	42.95
3.403	11.12	47.0	0.84	9.09	212.51	0.76	42.95
3.42	11.12	47.0	1.11	9.09	198.33	0.8	42.96
3.446	11.12	47.01	0.92	9.09	215.09	0.75	42.97
3.474	11.12	47.02	0.84	9.09	240.84	0.75	42.97
3.494	11.12	47.02	0.76	9.09	235.6	0.78	42.97
3.507	11.12	47.01	0.99	9.09	211.48	0.8	42.96
3.516	11.12	47.0	0.92	9.09	210.45	0.79	42.95
3.526	11.12	47.0	0.99	9.1	226.39	0.74	42.95
3.544	11.12	47.01	0.92	9.1	258.73	0.76	42.96
3.571	11.12	47.02	0.92	9.09	267.75	0.79	42.97
3.598	11.12	47.02	0.8	9.09	253.09	0.78	42.97
3.617	11.12	47.02	0.88	9.09	232.88	0.77	42.97
3.628	11.12	47.01	0.84	9.09	243.59	0.77	42.96
3.641	11.12	47.01	0.92	9.08	252.33	0.8	42.96
3.655	11.12	47.02	0.92	9.08	242.75	0.79	42.97
3.673	11.12	47.02	0.84	9.07	233.97	0.76	42.97
3.692	11.12	47.03	0.95	9.08	321.33	0.81	42.98

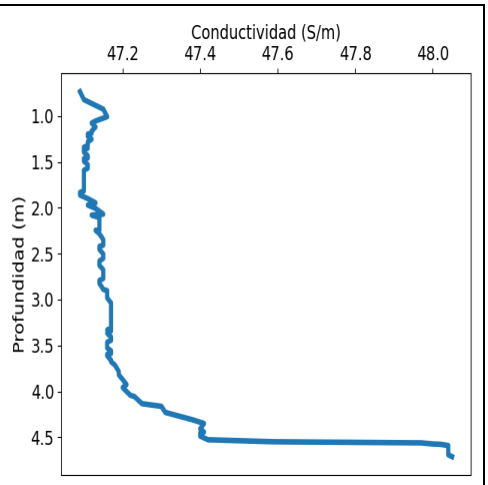
3.71	11.13	47.03	0.8	9.08	313.68	0.81	42.98
3.727	11.13	47.03	0.76	9.08	252.27	0.79	42.98
3.744	11.13	47.03	0.8	9.07	268.5	0.78	42.98
3.763	11.13	47.03	0.76	9.07	298.78	0.79	42.98
3.78	11.13	47.03	0.88	9.08	287.77	0.82	42.98
3.797	11.13	47.03	0.88	9.08	261.98	0.76	42.98
3.81	11.13	47.03	0.69	9.08	270.12	0.81	42.98
3.826	11.13	47.03	0.8	9.09	287.77	0.79	42.98
3.846	11.13	47.03	1.03	9.09	286.24	0.79	42.98
3.866	11.13	47.03	0.95	9.1	285.64	0.83	42.98
3.884	11.13	47.03	0.95	9.1	282.28	0.8	42.98
3.9	11.13	47.03	0.8	9.1	279.1	0.83	42.97
3.918	11.13	47.03	0.88	9.1	296.98	0.83	42.98
3.937	11.13	47.03	0.84	9.1	264.98	0.79	42.98
3.955	11.13	47.03	0.95	9.11	275.43	0.79	42.97
3.967	11.13	47.02	0.95	9.1	339.79	0.8	42.97
3.978	11.12	47.02	0.84	9.09	325.53	0.85	42.97
4.0	11.12	47.03	0.92	9.09	261.5	0.84	42.98
4.029	11.13	47.04	0.88	9.09	255.86	0.82	42.99
4.051	11.13	47.03	0.88	9.09	267.01	0.83	42.98
4.059	11.13	47.02	0.88	9.09	296.64	0.85	42.96
4.06	11.13	47.01	0.84	9.09	334.09	0.87	42.96
4.075	11.13	47.02	0.84	9.09	305.08	0.89	42.97
4.106	11.12	47.04	0.72	9.1	297.05	0.88	42.98
4.137	11.12	47.04	0.88	9.1	307.56	0.89	42.99
4.154	11.12	47.03	0.88	9.1	318.15	0.85	42.97
4.157	11.12	47.01	0.92	9.1	297.88	0.83	42.96
4.158	11.13	47.01	0.84	9.11	258.49	0.86	42.96
4.171	11.12	47.02	0.84	9.1	259.75	0.89	42.97
4.2	11.12	47.03	0.88	9.1	323.57	0.86	42.98
4.233	11.12	47.04	0.92	9.1	279.42	0.92	42.99
4.253	11.12	47.03	0.92	9.1	250.29	0.95	42.98
4.259	11.12	47.02	0.84	9.1	301.77	0.95	42.96
4.263	11.12	47.01	0.99	9.11	313.61	0.95	42.96
4.277	11.13	47.02	0.92	9.11	260.47	0.95	42.97
4.306	11.13	47.03	0.8	9.11	270.12	0.96	42.98
4.334	11.13	47.04	0.92	9.11	285.71	0.92	42.98
4.348	11.13	47.02	0.88	9.12	264.18	0.97	42.97
4.353	11.13	47.02	0.76	9.12	285.91	0.99	42.96
4.366	11.13	47.02	0.84	9.12	288.7	1.0	42.96
4.388	11.13	47.03	0.88	9.13	277.42	1.03	42.97
4.409	11.13	47.03	0.95	9.13	255.45	1.04	42.97
4.425	11.13	47.03	0.92	9.13	259.21	0.98	42.97
4.436	11.13	47.02	0.8	9.12	281.5	1.0	42.96
4.449	11.13	47.02	0.92	9.13	280.98	1.03	42.97
4.47	11.13	47.03	0.92	9.14	289.71	0.98	42.97
4.512	11.14	47.04	0.84	9.14	256.52	1.02	42.97
4.525	11.14	47.03	0.88	9.15	261.14	1.01	42.96
4.531	11.14	47.03	0.84	9.16	287.7	1.01	42.95
4.542	11.14	47.03	0.84	9.17	310.21	1.03	42.96
4.569	11.15	47.04	0.84	9.18	299.75	0.98	42.97
4.601	11.16	47.05	0.84	9.18	291.05	0.96	42.96
4.619	11.19	47.04	0.92	9.19	248.56	0.95	42.91
4.621	11.2	47.02	0.88	9.2	251.05	0.98	42.88
4.624	11.21	47.03	0.88	9.22	273.78	0.99	42.87
4.641	11.22	47.04	0.95	9.22	277.87	0.94	42.88
4.67	11.22	47.06	0.95	9.23	271.13	0.91	42.9
4.701	11.23	47.07	0.95	9.24	284.98	0.89	42.9

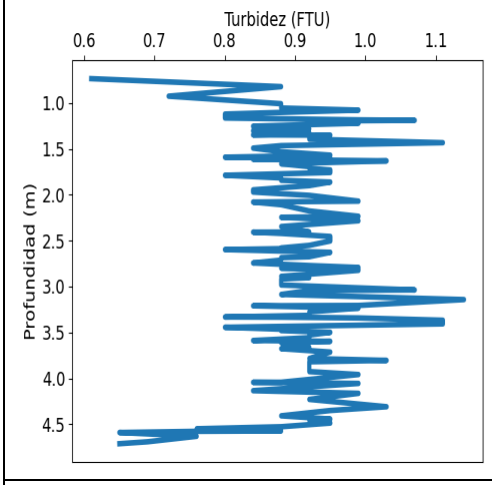
4.718	11.25	47.05	0.84	9.25	274.8	0.89	42.86
4.721	11.26	47.03	0.84	9.27	249.48	0.92	42.82
4.725	11.27	47.03	0.84	9.28	252.68	0.94	42.81
4.743	11.27	47.05	0.95	9.29	268.75	0.86	42.83
4.77	11.26	47.07	0.84	9.31	270.69	0.87	42.86
4.797	11.26	47.09	0.92	9.32	257.41	0.87	42.88
4.815	11.27	47.07	0.95	9.33	258.73	0.85	42.85
4.825	11.28	47.05	0.88	9.34	271.25	0.89	42.82
4.834	11.28	47.04	0.95	9.35	263.51	0.89	42.81
4.849	11.28	47.05	0.84	9.36	257.53	0.86	42.82
4.87	11.28	47.07	1.03	9.36	230.36	0.84	42.83
4.891	11.29	47.08	0.84	9.36	226.76	0.82	42.84
4.908	11.29	47.07	0.92	9.36	251.63	0.82	42.83
4.921	11.29	47.06	0.92	9.37	260.71	0.82	42.82
4.935	11.28	47.07	0.88	9.37	264.12	0.87	42.83
4.951	11.28	47.08	0.92	9.37	261.01	0.82	42.85
4.968	11.29	47.09	0.8	9.39	240.9	0.85	42.85
4.985	11.3	47.1	0.95	9.4	234.18	0.82	42.84
5.001	11.33	47.11	0.8	9.41	242.69	0.79	42.82
5.017	11.36	47.13	0.92	9.42	291.53	0.87	42.8
5.032	11.4	47.14	0.92	9.43	273.14	0.85	42.77
5.049	11.43	47.17	0.95	9.44	258.19	0.89	42.76
5.071	11.46	47.24	0.88	9.45	249.48	0.9	42.79
5.094	11.5	47.29	0.88	9.47	246.43	0.94	42.81
5.108	11.53	47.25	0.69	9.49	257.23	0.87	42.73
5.114	11.55	47.19	0.72	9.52	267.82	0.95	42.65
5.122	11.55	47.21	0.8	9.54	272.77	0.95	42.67
5.142	11.56	47.35	0.99	9.55	252.33	0.96	42.8
5.17	11.59	47.47	0.72	9.56	264.0	0.96	42.88
5.198	11.63	47.51	0.8	9.56	278.64	0.89	42.87
5.213	11.66	47.38	0.92	9.57	247.75	0.92	42.71
5.217	11.66	47.27	0.72	9.58	228.61	0.94	42.59
5.222	11.66	47.26	0.69	9.58	253.21	0.89	42.59
5.237	11.67	47.33	0.84	9.58	263.32	0.89	42.65
5.265	11.67	47.47	0.72	9.57	254.97	0.89	42.8
5.293	11.67	47.52	0.88	9.57	240.84	0.87	42.84
5.311	11.8	48.34	0.57	9.39	211.63	0.91	43.52
5.317	11.81	48.33	0.8	9.39	236.69	0.92	43.5
5.318	11.81	48.34	0.72	9.39	237.79	0.88	43.51
5.319	11.81	48.34	0.65	9.39	220.95	0.85	43.51
5.333	11.81	48.32	0.61	9.4	227.02	0.87	43.49
5.363	11.81	48.33	0.8	9.4	230.9	0.85	43.5
5.382	11.81	48.36	0.69	9.39	217.54	0.9	43.54
5.403	11.81	48.34	0.84	9.39	208.7	0.85	43.52
5.452	11.8	48.33	0.61	9.38	217.24	0.88	43.52
5.472	11.81	48.37	0.61	9.37	202.18	0.93	43.55
5.478	11.8	48.41	0.76	9.35	207.74	0.94	43.59
5.483	11.8	48.38	0.61	9.35	205.3	0.88	43.56
5.508	11.8	48.36	0.8	9.36	219.21	0.89	43.54
5.534	11.8	48.36	0.65	9.36	243.88	0.92	43.54

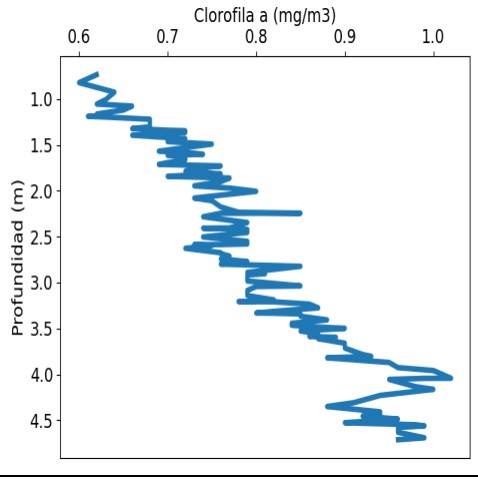
Nombre: CTD E12 - Punto 013 **Fecha: 20/01/2025** **Hora: 10:01:26**

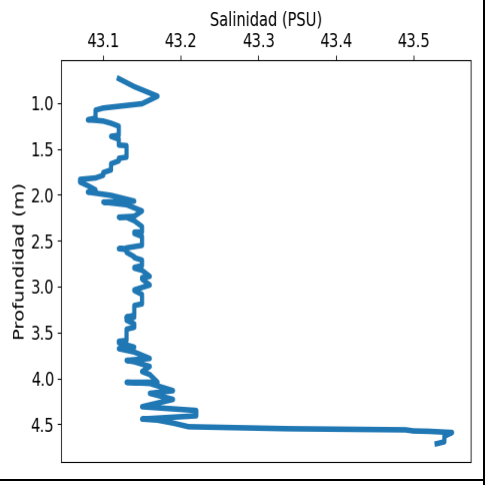


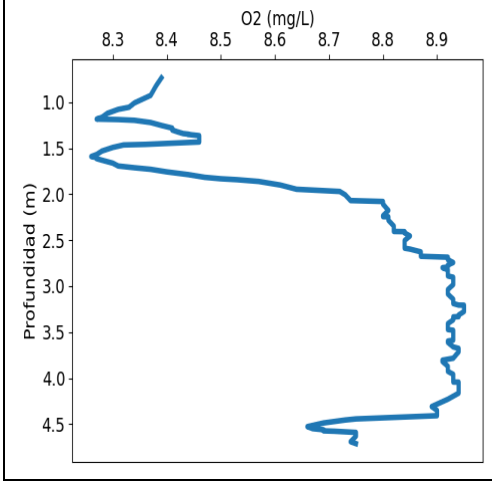


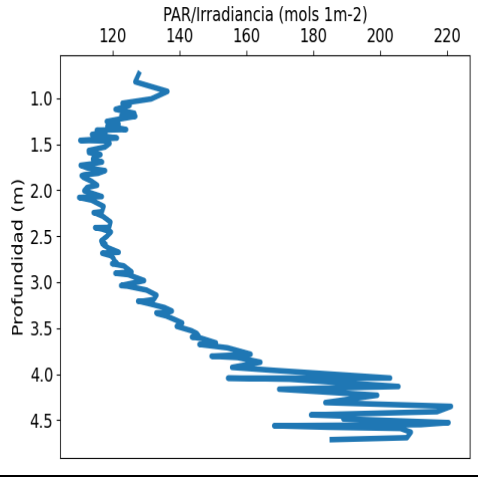


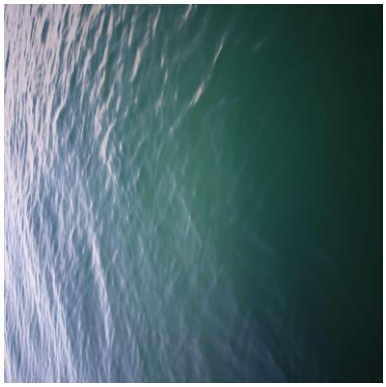












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.06	47.09	0.61	8.26	109.83	0.6	43.07
PROF (metros)	0.734	0.734	0.734	1.59	2.079	0.821	1.832
MÁXIMO	11.55	11.55	1.14	8.95	221.26	1.02	43.55
PROF (metros)	4.713	4.713	3.142	3.207	4.351	4.043	4.591

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.06	47.11	0.74	8.38	130.24	0.62	43.14
1 - 2m	11.08	47.11	0.91	8.39	117.59	0.7	43.11
2 - 3m	11.09	47.14	0.91	8.86	118.32	0.77	43.14
3 - 4m	11.11	47.17	0.94	8.93	141.09	0.86	43.14
4 - 5m	11.33	47.58	0.86	8.8	193.25	0.96	43.3

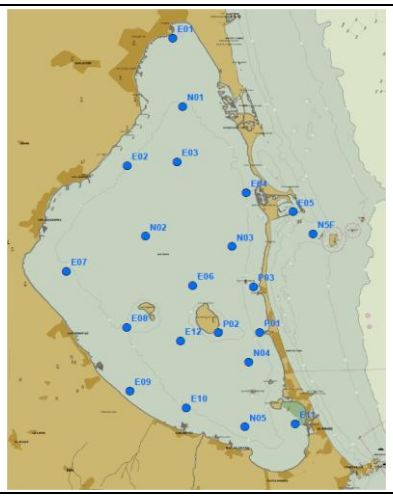
OBSERVACIONES GENERALES

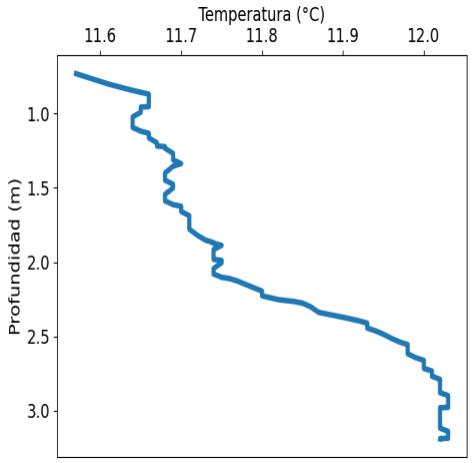
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.734	11.06	47.09	0.61	8.39	127.74	0.62	43.12
0.821	11.06	47.1	0.88	8.38	126.65	0.6	43.14
0.925	11.07	47.15	0.72	8.37	136.34	0.64	43.17
1.007	11.09	47.16	0.88	8.34	131.44	0.63	43.15
1.054	11.11	47.13	0.88	8.33	122.81	0.62	43.1
1.077	11.12	47.12	0.99	8.31	125.02	0.66	43.09
1.12	11.12	47.13	0.8	8.29	120.72	0.65	43.09
1.163	11.11	47.12	0.8	8.28	126.45	0.62	43.09
1.183	11.11	47.12	0.99	8.27	124.5	0.63	43.08
1.188	11.1	47.12	1.07	8.31	122.47	0.61	43.09
1.196	11.09	47.11	0.92	8.34	126.74	0.63	43.1
1.22	11.08	47.11	0.99	8.37	122.86	0.68	43.11
1.252	11.08	47.12	0.84	8.39	118.09	0.68	43.12
1.281	11.08	47.11	0.92	8.41	121.73	0.68	43.12
1.302	11.07	47.11	0.84	8.41	118.28	0.68	43.12
1.322	11.07	47.11	0.92	8.42	121.42	0.66	43.12
1.34	11.07	47.1	0.88	8.43	123.98	0.7	43.12
1.347	11.07	47.1	0.84	8.44	115.12	0.72	43.12
1.35	11.07	47.11	0.95	8.44	117.24	0.69	43.12
1.363	11.07	47.1	0.92	8.46	117.87	0.72	43.11
1.394	11.07	47.1	0.92	8.46	113.66	0.66	43.12
1.432	11.07	47.11	1.11	8.46	121.22	0.72	43.12
1.458	11.07	47.11	0.92	8.36	110.16	0.7	43.12
1.464	11.07	47.1	0.88	8.32	117.24	0.7	43.13
1.491	11.06	47.1	0.84	8.3	119.02	0.75	43.13
1.53	11.06	47.11	0.88	8.28	117.62	0.72	43.13
1.568	11.06	47.11	0.95	8.27	112.71	0.69	43.13
1.59	11.06	47.1	0.8	8.26	112.77	0.73	43.13
1.602	11.07	47.1	0.95	8.27	114.72	0.74	43.12
1.613	11.07	47.1	0.84	8.27	116.3	0.7	43.12
1.63	11.07	47.1	1.03	8.28	114.32	0.72	43.12
1.662	11.07	47.1	0.88	8.3	113.97	0.72	43.11
1.693	11.07	47.1	0.92	8.31	116.78	0.7	43.11
1.712	11.08	47.1	0.92	8.34	113.95	0.69	43.11
1.729	11.08	47.1	0.95	8.37	110.28	0.76	43.11
1.757	11.08	47.1	0.95	8.4	112.3	0.73	43.1
1.787	11.08	47.1	0.8	8.44	117.68	0.72	43.1

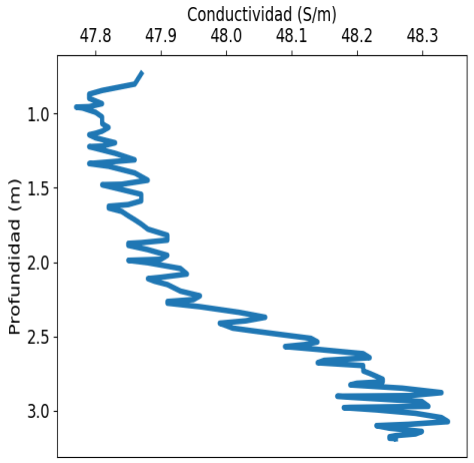
1.816	11.09	47.1	0.88	8.47	115.52	0.76	43.09
1.832	11.1	47.09	0.88	8.5	111.36	0.72	43.07
1.842	11.1	47.09	0.88	8.53	110.57	0.7	43.07
1.861	11.1	47.09	0.95	8.57	111.18	0.77	43.07
1.9	11.11	47.11	0.92	8.61	113.47	0.76	43.08
1.946	11.11	47.13	0.84	8.64	115.3	0.73	43.09
1.97	11.11	47.11	0.84	8.72	112.22	0.77	43.08
2.006	11.1	47.13	0.92	8.73	111.36	0.8	43.11
2.069	11.09	47.15	0.99	8.74	116.7	0.74	43.14
2.079	11.1	47.12	0.84	8.8	109.83	0.73	43.1
2.108	11.09	47.14	0.88	8.8	113.58	0.75	43.13
2.176	11.08	47.14	0.92	8.81	117.22	0.76	43.15
2.234	11.09	47.14	0.99	8.8	116.7	0.78	43.14
2.244	11.1	47.14	0.88	8.8	114.16	0.85	43.12
2.245	11.09	47.13	0.88	8.81	114.5	0.76	43.13
2.283	11.08	47.14	0.99	8.81	116.95	0.74	43.14
2.346	11.08	47.15	0.88	8.82	119.27	0.79	43.15
2.405	11.08	47.15	0.92	8.82	118.86	0.77	43.15
2.407	11.09	47.15	0.84	8.84	114.61	0.74	43.14
2.421	11.09	47.14	0.88	8.84	116.62	0.79	43.14
2.454	11.08	47.14	0.95	8.85	119.41	0.79	43.15
2.503	11.08	47.15	0.95	8.84	118.12	0.74	43.15
2.551	11.09	47.15	0.92	8.84	116.46	0.79	43.15
2.579	11.09	47.14	0.88	8.84	116.78	0.79	43.13
2.586	11.1	47.14	0.88	8.84	117.79	0.76	43.13
2.587	11.1	47.14	0.88	8.84	117.0	0.73	43.12
2.597	11.1	47.14	0.8	8.85	117.24	0.75	43.13
2.627	11.09	47.14	0.95	8.87	118.58	0.72	43.13
2.675	11.09	47.15	0.92	8.87	121.76	0.76	43.14
2.685	11.09	47.15	0.88	8.92	116.73	0.76	43.14
2.712	11.09	47.15	0.88	8.92	119.38	0.77	43.15
2.743	11.08	47.15	0.84	8.93	120.19	0.76	43.15
2.771	11.08	47.15	0.92	8.92	120.52	0.79	43.15
2.792	11.08	47.14	0.99	8.92	121.17	0.77	43.14
2.799	11.09	47.14	0.88	8.91	119.69	0.76	43.14
2.823	11.08	47.14	0.99	8.92	123.26	0.85	43.15
2.889	11.08	47.15	0.88	8.92	125.6	0.79	43.16
2.903	11.1	47.16	0.92	8.93	120.69	0.81	43.15
2.918	11.09	47.16	0.88	8.93	124.55	0.79	43.15
2.983	11.09	47.16	0.88	8.93	129.35	0.79	43.16
3.037	11.11	47.17	1.07	8.92	122.38	0.85	43.14
3.043	11.1	47.17	0.92	8.92	124.3	0.8	43.14
3.086	11.1	47.17	0.88	8.92	130.04	0.79	43.15
3.142	11.1	47.17	1.14	8.93	133.06	0.79	43.15
3.189	11.1	47.17	1.03	8.93	132.2	0.82	43.15
3.206	11.11	47.17	0.99	8.94	128.99	0.79	43.14
3.207	11.11	47.17	0.95	8.95	127.48	0.78	43.14
3.21	11.11	47.17	0.84	8.95	128.07	0.82	43.14
3.235	11.11	47.17	0.99	8.95	130.95	0.86	43.14
3.276	11.11	47.17	0.92	8.95	135.42	0.87	43.14
3.314	11.11	47.17	0.92	8.94	137.67	0.82	43.14
3.332	11.11	47.16	0.8	8.94	135.55	0.8	43.13
3.334	11.11	47.17	0.88	8.93	132.94	0.82	43.14
3.342	11.11	47.17	0.99	8.93	133.25	0.85	43.13
3.367	11.11	47.16	1.11	8.93	135.9	0.85	43.13
3.407	11.11	47.17	1.11	8.92	138.5	0.88	43.14
3.444	11.11	47.17	0.8	8.92	140.77	0.84	43.14
3.465	11.11	47.16	0.88	8.92	139.99	0.84	43.13

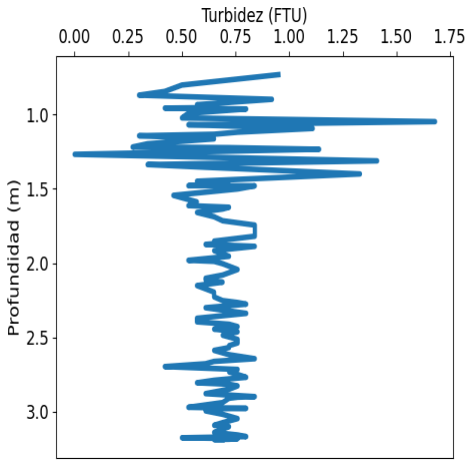
3.472	11.11	47.16	0.88	8.92	139.44	0.85	43.13
3.48	11.12	47.16	0.88	8.93	139.05	0.86	43.13
3.499	11.12	47.16	0.95	8.93	140.8	0.9	43.13
3.528	11.12	47.16	0.92	8.93	143.47	0.85	43.13
3.558	11.11	47.17	0.92	8.93	145.11	0.87	43.13
3.588	11.12	47.17	0.84	8.93	145.72	0.86	43.13
3.597	11.12	47.16	0.95	8.92	143.6	0.89	43.12
3.612	11.12	47.16	0.88	8.92	146.6	0.87	43.12
3.661	11.11	47.17	0.92	8.93	150.87	0.9	43.14
3.677	11.13	47.17	0.88	8.94	145.85	0.9	43.12
3.714	11.12	47.18	0.95	8.94	154.27	0.9	43.14
3.784	11.12	47.19	0.92	8.93	161.25	0.92	43.16
3.805	11.13	47.19	1.03	8.91	149.48	0.93	43.13
3.82	11.12	47.19	0.92	8.91	157.33	0.88	43.14
3.871	11.12	47.2	0.92	8.92	164.19	0.95	43.16
3.927	11.13	47.21	0.92	8.92	155.63	0.96	43.15
3.959	11.13	47.2	0.99	8.93	168.0	1.0	43.16
4.043	11.12	47.22	0.88	8.93	203.03	1.02	43.17
4.044	11.16	47.22	0.84	8.94	154.41	0.99	43.13
4.056	11.15	47.23	0.99	8.94	172.86	0.95	43.16
4.135	11.14	47.25	0.84	8.94	205.53	0.98	43.19
4.164	11.21	47.3	0.99	8.94	169.72	1.0	43.16
4.23	11.19	47.31	0.92	8.92	199.16	0.94	43.19
4.31	11.28	47.38	1.03	8.89	183.55	0.91	43.15
4.351	11.25	47.41	0.95	8.9	221.26	0.88	43.22
4.409	11.24	47.4	0.88	8.9	217.04	0.94	43.22
4.444	11.31	47.41	0.95	8.75	179.27	0.94	43.15
4.456	11.29	47.4	0.92	8.73	188.69	0.92	43.17
4.488	11.27	47.4	0.95	8.69	188.95	0.96	43.19
4.528	11.27	47.42	0.88	8.66	220.54	0.9	43.21
4.55	11.3	47.59	0.76	8.67	212.21	0.98	43.34
4.562	11.51	47.97	0.8	8.69	168.23	0.99	43.49
4.574	11.52	48.0	0.88	8.69	180.43	0.97	43.5
4.578	11.52	48.02	0.76	8.71	184.49	0.96	43.52
4.591	11.52	48.04	0.65	8.75	206.06	0.96	43.55
4.632	11.52	48.04	0.76	8.75	209.24	0.96	43.54
4.692	11.53	48.04	0.69	8.74	208.03	0.99	43.54
4.713	11.55	48.05	0.65	8.75	185.48	0.96	43.53

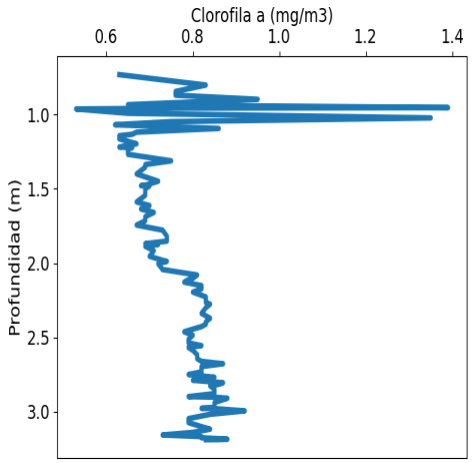
Nombre: CTD P02 - Punto 014 **Fecha: 20/01/2025** **Hora: 11:01:04**

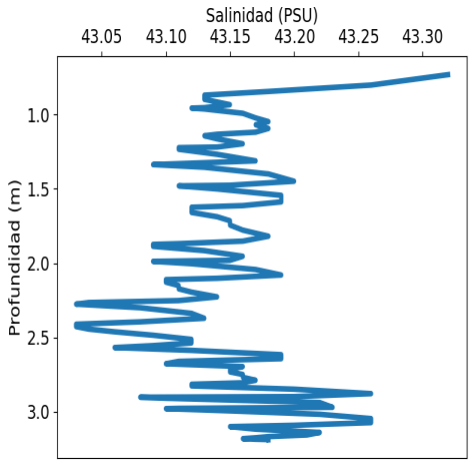


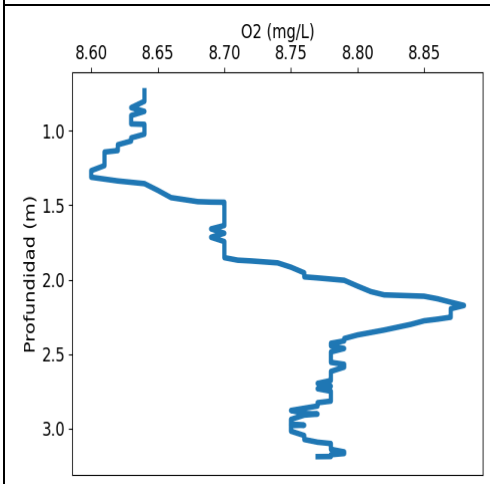


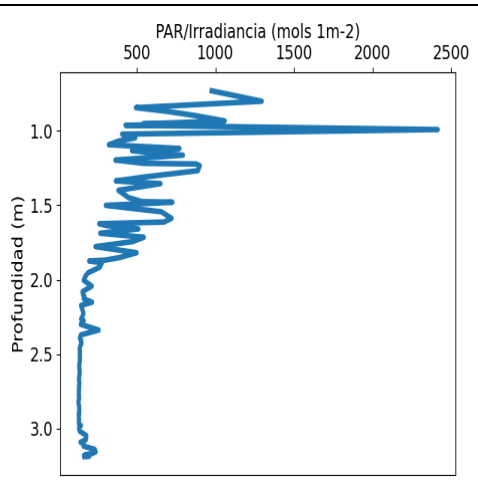


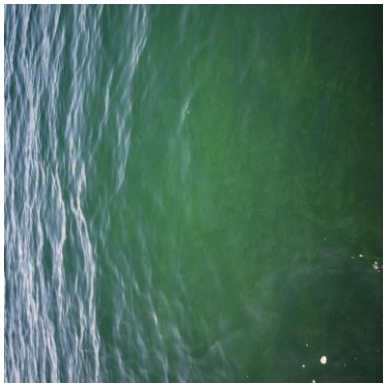












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.57	47.77	0.0	8.6	126.92	0.53	43.03
PROF (metros)	0.732	0.957	1.268	1.268	2.826	0.963	2.276
MÁXIMO	12.03	12.03	1.68	8.88	2416.5	1.39	43.32
PROF (metros)	2.898	3.073	1.048	2.173	0.992	0.954	0.732

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	11.64	47.81	0.6	8.64	955.17	0.79	43.17
1 - 2m	11.69	47.84	0.71	8.67	464.6	0.71	43.14
2 - 3m	11.93	48.1	0.69	8.8	144.23	0.82	43.12
3 - 4m	12.02	48.27	0.7	8.78	178.7	0.82	43.19

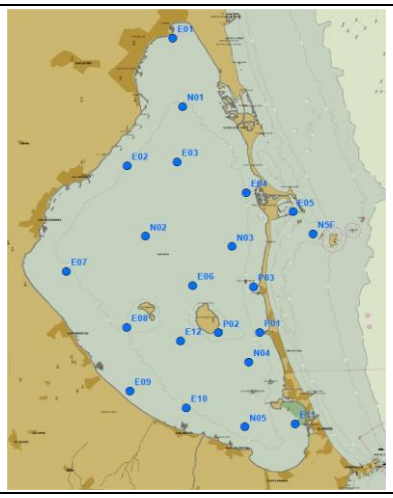
OBSERVACIONES GENERALES

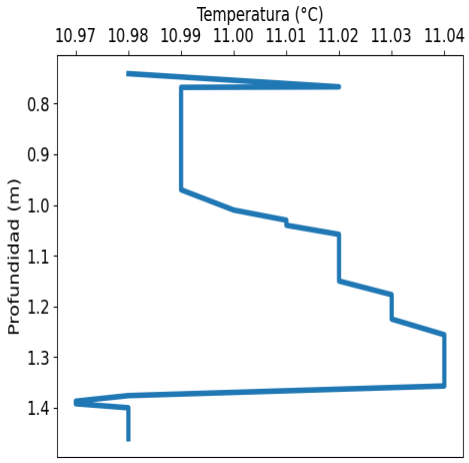
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.732	11.57	47.87	0.95	8.64	975.69	0.63	43.32
0.802	11.61	47.86	0.5	8.64	1295.1	0.83	43.26
0.845	11.64	47.81	0.42	8.63	492.8	0.76	43.18
0.87	11.66	47.79	0.3	8.64	692.05	0.76	43.13
0.898	11.66	47.79	0.92	8.63	869.33	0.95	43.13
0.934	11.66	47.81	0.57	8.63	1059.4	0.65	43.15
0.954	11.66	47.79	0.61	8.63	538.92	1.39	43.13
0.957	11.65	47.77	0.42	8.64	785.41	0.79	43.12
0.963	11.65	47.78	0.8	8.64	426.54	0.53	43.13
0.992	11.65	47.8	0.53	8.64	2416.5	0.65	43.16
1.023	11.64	47.81	0.5	8.64	404.96	1.35	43.17
1.048	11.64	47.81	1.68	8.63	489.39	0.75	43.18
1.069	11.64	47.81	0.53	8.63	383.23	0.62	43.17
1.094	11.64	47.82	1.11	8.62	320.37	0.86	43.18
1.119	11.65	47.81	0.76	8.62	770.8	0.67	43.17
1.133	11.66	47.8	0.65	8.62	468.19	0.66	43.14
1.143	11.66	47.79	0.3	8.61	547.1	0.63	43.13
1.164	11.66	47.8	0.65	8.61	792.91	0.63	43.14
1.197	11.67	47.83	0.34	8.61	362.58	0.67	43.16
1.219	11.67	47.81	0.27	8.61	546.34	0.63	43.14
1.223	11.68	47.79	0.72	8.61	875.6	0.66	43.11
1.234	11.68	47.8	1.14	8.61	900.71	0.65	43.11
1.268	11.69	47.83	0.0	8.6	887.86	0.65	43.14
1.312	11.69	47.86	1.41	8.6	535.81	0.75	43.17
1.337	11.7	47.79	0.34	8.62	364.85	0.69	43.09
1.355	11.69	47.82	0.61	8.64	650.22	0.69	43.13
1.4	11.68	47.86	1.33	8.65	381.54	0.67	43.18
1.449	11.68	47.88	0.57	8.66	446.57	0.72	43.2
1.476	11.69	47.84	0.72	8.68	531.85	0.69	43.15
1.479	11.69	47.81	0.53	8.69	707.45	0.68	43.12
1.48	11.69	47.81	0.84	8.7	725.72	0.7	43.11
1.501	11.69	47.83	0.76	8.7	301.35	0.69	43.14
1.544	11.68	47.87	0.46	8.7	655.21	0.69	43.19
1.588	11.68	47.87	0.57	8.7	720.53	0.67	43.19
1.613	11.69	47.85	0.53	8.7	671.66	0.7	43.16
1.624	11.7	47.82	0.72	8.7	259.09	0.69	43.12
1.636	11.7	47.82	0.69	8.7	302.96	0.68	43.12
1.659	11.7	47.84	0.57	8.69	509.17	0.71	43.12

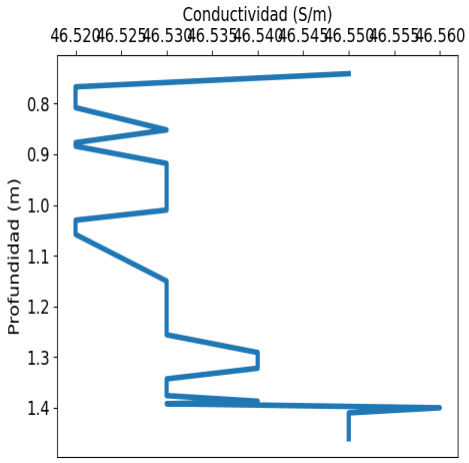
1.688	11.71	47.85	0.65	8.7	265.41	0.69	43.14
1.715	11.71	47.86	0.69	8.69	543.69	0.69	43.15
1.744	11.71	47.87	0.84	8.7	472.77	0.67	43.15
1.778	11.71	47.88	0.84	8.7	235.82	0.73	43.16
1.819	11.72	47.91	0.84	8.7	498.08	0.74	43.18
1.852	11.73	47.91	0.65	8.7	386.35	0.74	43.16
1.869	11.74	47.87	0.65	8.71	296.02	0.69	43.11
1.874	11.74	47.85	0.61	8.72	195.09	0.72	43.09
1.887	11.75	47.85	0.84	8.74	276.65	0.69	43.09
1.916	11.74	47.88	0.65	8.75	263.63	0.71	43.13
1.954	11.74	47.91	0.72	8.76	187.9	0.7	43.16
1.981	11.74	47.9	0.53	8.76	168.82	0.73	43.15
1.988	11.75	47.85	0.65	8.77	167.81	0.74	43.09
2.004	11.75	47.88	0.69	8.79	160.5	0.72	43.12
2.043	11.74	47.93	0.76	8.8	212.46	0.73	43.17
2.08	11.74	47.94	0.69	8.81	153.48	0.81	43.19
2.102	11.75	47.9	0.61	8.82	156.53	0.8	43.14
2.111	11.76	47.88	0.61	8.85	166.03	0.79	43.1
2.128	11.77	47.89	0.69	8.86	160.35	0.78	43.1
2.151	11.78	47.91	0.57	8.87	214.44	0.82	43.11
2.173	11.79	47.92	0.61	8.88	143.44	0.82	43.11
2.195	11.8	47.93	0.65	8.87	150.77	0.8	43.12
2.227	11.8	47.96	0.65	8.87	159.24	0.83	43.14
2.252	11.82	47.95	0.69	8.87	149.83	0.83	43.11
2.265	11.84	47.91	0.76	8.86	144.04	0.83	43.04
2.276	11.85	47.91	0.8	8.85	161.73	0.84	43.03
2.3	11.86	47.96	0.61	8.84	142.01	0.83	43.08
2.338	11.87	48.02	0.8	8.82	256.22	0.82	43.12
2.371	11.9	48.06	0.57	8.8	142.11	0.84	43.13
2.395	11.92	48.03	0.57	8.79	136.05	0.83	43.08
2.411	11.93	47.99	0.72	8.79	145.28	0.83	43.03
2.427	11.93	48.0	0.76	8.78	146.6	0.82	43.03
2.444	11.93	48.01	0.65	8.78	138.79	0.8	43.04
2.462	11.94	48.04	0.76	8.79	135.05	0.78	43.06
2.485	11.95	48.08	0.69	8.78	136.4	0.8	43.09
2.513	11.96	48.13	0.76	8.78	135.68	0.79	43.12
2.537	11.97	48.14	0.76	8.78	136.56	0.79	43.12
2.555	11.98	48.12	0.72	8.78	134.83	0.82	43.09
2.568	11.98	48.09	0.72	8.79	132.72	0.79	43.06
2.587	11.98	48.14	0.65	8.79	132.72	0.8	43.12
2.616	11.98	48.21	0.72	8.78	135.08	0.81	43.19
2.643	11.99	48.22	0.84	8.78	133.18	0.81	43.19
2.661	12.0	48.15	0.65	8.78	130.62	0.82	43.11
2.677	12.0	48.14	0.61	8.78	130.92	0.87	43.1
2.696	12.0	48.21	0.42	8.77	133.52	0.82	43.16
2.715	12.0	48.21	0.76	8.78	130.62	0.82	43.15
2.732	12.01	48.21	0.72	8.77	130.92	0.82	43.15
2.749	12.01	48.22	0.76	8.78	130.16	0.79	43.16
2.768	12.01	48.23	0.8	8.78	129.56	0.85	43.16
2.788	12.02	48.24	0.65	8.78	131.19	0.8	43.17
2.805	12.02	48.24	0.57	8.78	130.1	0.87	43.16
2.815	12.02	48.2	0.72	8.78	128.01	0.86	43.12
2.826	12.02	48.19	0.76	8.77	126.92	0.84	43.12
2.848	12.02	48.27	0.72	8.77	131.34	0.85	43.2
2.878	12.02	48.33	0.61	8.75	132.38	0.85	43.26
2.898	12.03	48.28	0.84	8.76	131.71	0.79	43.2
2.902	12.03	48.17	0.76	8.77	129.08	0.85	43.08
2.909	12.03	48.19	0.72	8.76	129.38	0.88	43.1

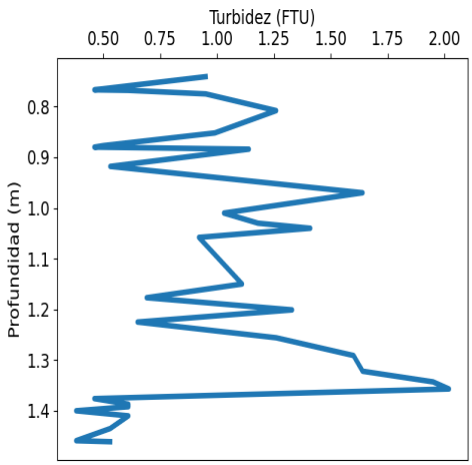
2.938	12.03	48.3	0.69	8.75	130.53	0.85	43.22
2.97	12.03	48.31	0.53	8.75	130.31	0.85	43.23
2.977	12.03	48.19	0.8	8.76	138.25	0.82	43.11
2.979	12.02	48.18	0.69	8.75	143.3	0.85	43.1
2.994	12.02	48.23	0.61	8.75	130.37	0.92	43.15
3.017	12.02	48.29	0.69	8.75	135.27	0.84	43.22
3.046	12.02	48.33	0.76	8.76	176.99	0.79	43.26
3.073	12.02	48.34	0.69	8.76	175.4	0.79	43.26
3.091	12.02	48.28	0.65	8.77	139.89	0.81	43.2
3.1	12.02	48.23	0.72	8.78	159.76	0.82	43.15
3.117	12.02	48.25	0.69	8.78	159.58	0.84	43.17
3.139	12.03	48.3	0.65	8.78	230.31	0.8	43.22
3.156	12.03	48.29	0.76	8.79	237.08	0.73	43.21
3.167	12.03	48.26	0.8	8.79	213.99	0.82	43.18
3.175	12.03	48.25	0.5	8.78	169.92	0.82	43.17
3.181	12.03	48.25	0.76	8.78	162.22	0.86	43.16
3.185	12.03	48.25	0.72	8.78	195.82	0.88	43.17
3.187	12.02	48.26	0.65	8.78	180.01	0.86	43.18
3.188	12.02	48.26	0.69	8.77	165.49	0.83	43.18

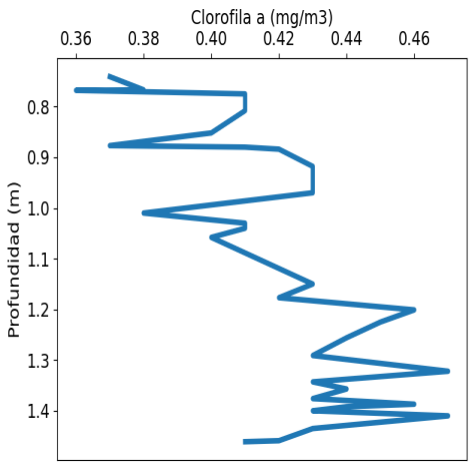
Nombre: CTD P01 - Punto 015 **Fecha: 20/01/2025** **Hora: 11:01:25**

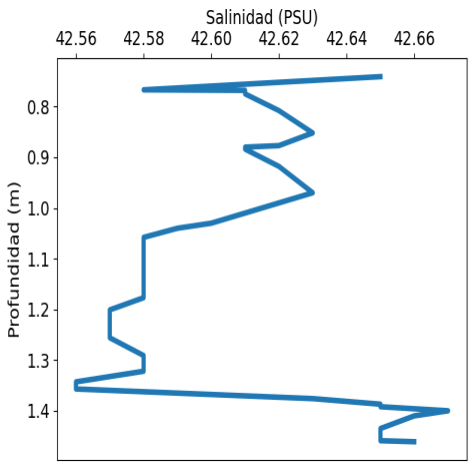


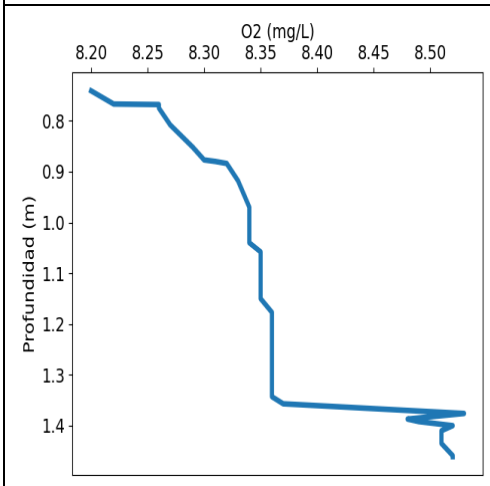


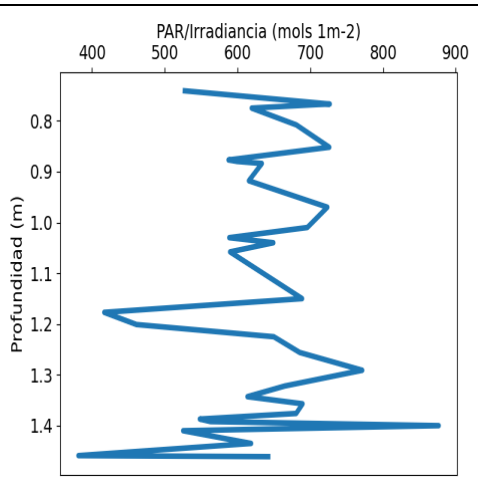


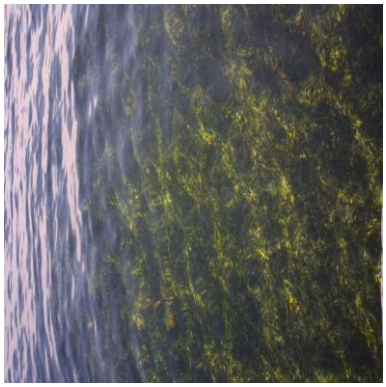












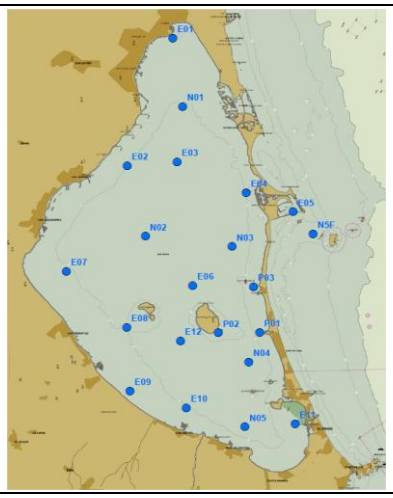
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	10.97	46.52	0.38	8.2	381.19	0.36	42.56
PROF (metros)	1.387	0.767	1.4	0.741	1.459	0.768	1.343
MÁXIMO	11.04	11.04	2.02	8.53	876.61	0.47	42.67
PROF (metros)	1.256	1.4	1.357	1.376	1.4	1.322	1.4

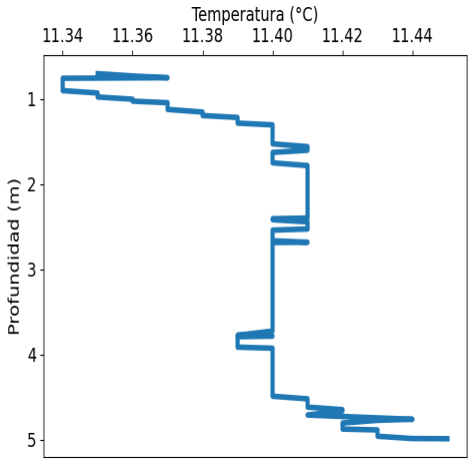
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	10.99	46.53	0.86	8.28	650.01	0.4	42.62
1 - 2m	11.01	46.54	1.0	8.41	619.05	0.43	42.61

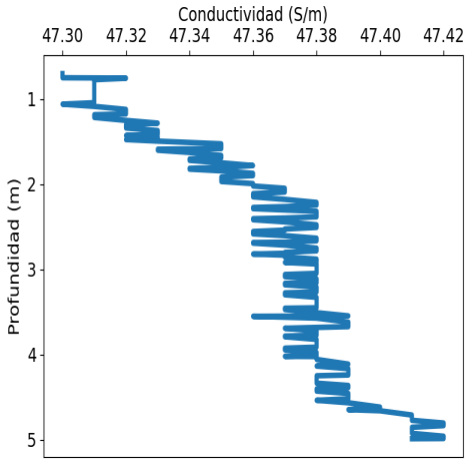
OBSERVACIONES GENERALES

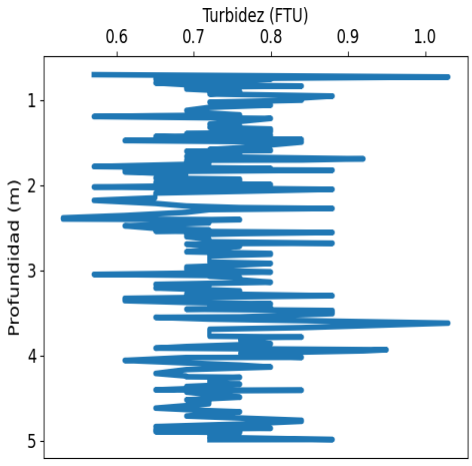
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.741	10.98	46.55	0.95	8.2	527.43	0.37	42.65
0.767	11.02	46.52	0.46	8.22	726.9	0.38	42.58
0.768	10.99	46.52	0.61	8.26	709.92	0.36	42.61
0.775	10.99	46.52	0.95	8.26	619.33	0.41	42.61
0.808	10.99	46.52	1.26	8.27	680.75	0.41	42.62
0.852	10.99	46.53	0.99	8.29	726.23	0.4	42.63
0.877	10.99	46.52	0.5	8.3	587.45	0.37	42.62
0.88	10.99	46.52	0.46	8.31	599.55	0.41	42.61
0.884	10.99	46.52	1.14	8.32	633.56	0.42	42.61
0.918	10.99	46.53	0.53	8.33	615.46	0.43	42.62
0.97	10.99	46.53	1.64	8.34	723.54	0.43	42.63
1.01	11.0	46.53	1.03	8.34	695.91	0.38	42.61
1.03	11.01	46.52	1.18	8.34	588.54	0.41	42.6
1.04	11.01	46.52	1.41	8.34	649.31	0.41	42.59
1.058	11.02	46.52	0.92	8.35	589.63	0.4	42.58
1.15	11.02	46.53	1.11	8.35	688.85	0.43	42.58
1.177	11.03	46.53	0.69	8.36	416.67	0.42	42.58
1.201	11.03	46.53	1.33	8.36	461.09	0.46	42.57
1.225	11.03	46.53	0.65	8.36	649.77	0.45	42.57
1.256	11.04	46.53	1.26	8.36	685.5	0.44	42.57
1.291	11.04	46.54	1.6	8.36	771.52	0.43	42.58
1.322	11.04	46.54	1.64	8.36	664.85	0.47	42.58
1.343	11.04	46.53	1.95	8.36	613.47	0.43	42.56
1.357	11.04	46.53	2.02	8.37	689.49	0.44	42.56
1.376	10.98	46.53	0.46	8.53	680.59	0.43	42.63
1.387	10.97	46.54	0.61	8.48	547.99	0.46	42.65
1.392	10.97	46.53	0.61	8.49	562.92	0.44	42.65
1.4	10.98	46.56	0.38	8.52	876.61	0.43	42.67
1.41	10.98	46.55	0.61	8.51	525.11	0.47	42.66
1.435	10.98	46.55	0.53	8.51	618.75	0.43	42.65
1.459	10.98	46.55	0.38	8.52	381.19	0.42	42.65
1.461	10.98	46.55	0.53	8.52	642.28	0.41	42.66

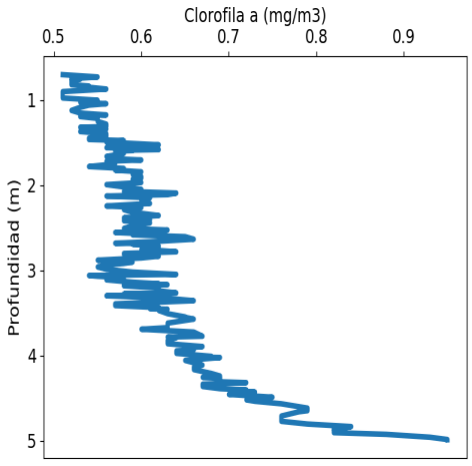
Nombre: CTD N04 - Punto 016 **Fecha: 20/01/2025** **Hora: 11:01:32**

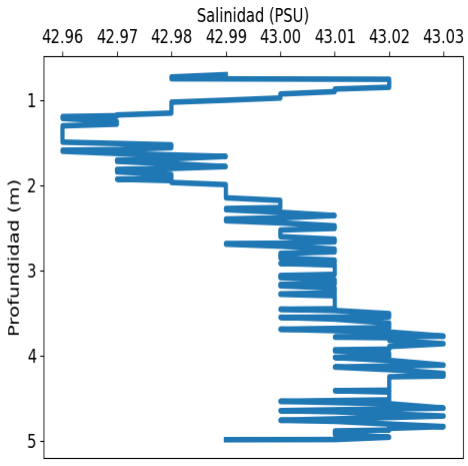


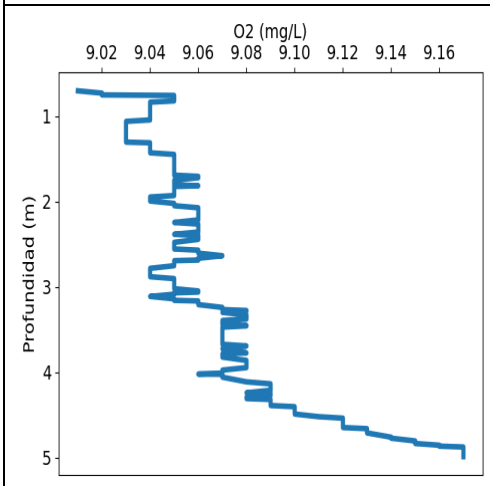


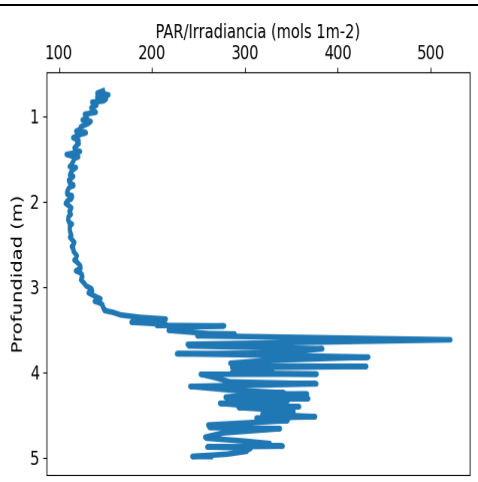












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.34	47.3	0.53	9.01	107.09	0.51	42.96
PROF (metros)	0.756	0.702	2.383	0.702	2.021	0.702	1.194
MÁXIMO	11.45	11.45	1.03	9.17	521.35	0.95	43.03
PROF (metros)	4.988	4.804	0.729	4.875	3.619	4.986	3.672

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	11.35	47.31	0.75	9.04	141.64	0.53	43.01
1 - 2m	11.4	47.33	0.74	9.04	117.2	0.56	42.97
2 - 3m	11.41	47.37	0.71	9.05	116.41	0.6	43.0
3 - 4m	11.4	47.38	0.75	9.07	227.15	0.62	43.01
4 - 5m	11.41	47.39	0.73	9.11	305.72	0.75	43.02

OBSERVACIONES GENERALES

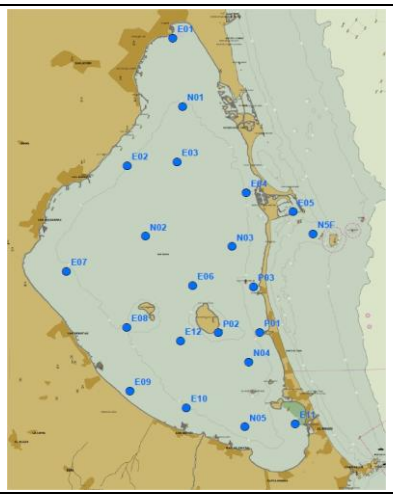
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	11.35	47.3	0.57	9.01	147.38	0.51	42.99
0.729	11.36	47.3	1.03	9.02	141.1	0.55	42.98
0.75	11.37	47.3	0.72	9.02	153.2	0.52	42.98
0.754	11.35	47.32	0.65	9.04	147.24	0.53	43.01
0.756	11.34	47.32	0.8	9.05	144.71	0.53	43.02
0.773	11.34	47.31	0.76	9.05	140.97	0.52	43.02
0.799	11.34	47.31	0.65	9.05	150.59	0.52	43.02
0.82	11.34	47.31	0.69	9.05	147.89	0.52	43.02
0.835	11.34	47.31	0.84	9.04	135.52	0.54	43.02
0.85	11.34	47.31	0.69	9.04	138.09	0.54	43.02
0.871	11.34	47.31	0.69	9.04	140.38	0.56	43.01
0.901	11.34	47.31	0.76	9.04	134.55	0.51	43.01
0.929	11.35	47.31	0.72	9.04	135.71	0.51	43.0
0.953	11.35	47.31	0.88	9.04	139.63	0.51	43.0
0.976	11.35	47.31	0.84	9.04	127.62	0.51	43.0
1.002	11.36	47.31	0.84	9.04	128.9	0.55	42.99
1.025	11.36	47.31	0.72	9.04	130.25	0.53	42.98
1.043	11.37	47.31	0.76	9.04	125.22	0.56	42.98
1.06	11.37	47.3	0.8	9.03	134.18	0.54	42.98
1.086	11.37	47.31	0.72	9.03	131.13	0.53	42.98
1.122	11.37	47.32	0.69	9.03	123.49	0.52	42.98
1.153	11.38	47.32	0.72	9.03	122.75	0.53	42.98
1.175	11.38	47.32	0.76	9.03	118.31	0.56	42.97
1.184	11.38	47.31	0.65	9.03	127.8	0.53	42.97
1.194	11.38	47.31	0.57	9.03	128.96	0.53	42.96
1.216	11.39	47.31	0.8	9.03	122.13	0.55	42.96
1.251	11.39	47.32	0.76	9.03	115.04	0.55	42.97
1.283	11.39	47.33	0.72	9.03	121.14	0.56	42.97
1.303	11.4	47.32	0.76	9.03	119.8	0.56	42.96
1.311	11.4	47.32	0.76	9.04	120.8	0.56	42.96
1.32	11.4	47.32	0.72	9.04	121.36	0.53	42.96
1.34	11.4	47.32	0.8	9.04	118.89	0.56	42.96
1.37	11.4	47.33	0.8	9.04	116.51	0.53	42.96
1.395	11.4	47.33	0.69	9.04	117.38	0.56	42.96
1.413	11.4	47.33	0.8	9.04	122.66	0.56	42.96
1.428	11.4	47.32	0.65	9.04	117.27	0.56	42.96
1.447	11.4	47.33	0.72	9.05	107.98	0.54	42.96

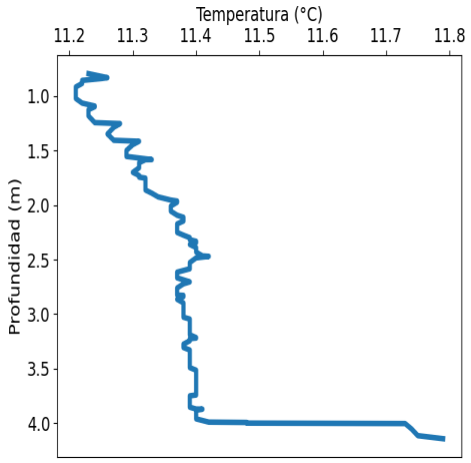
1.463	11.4	47.33	0.84	9.05	112.66	0.54	42.96
1.476	11.4	47.32	0.61	9.05	120.72	0.58	42.96
1.494	11.4	47.33	0.84	9.05	116.65	0.56	42.96
1.526	11.4	47.35	0.8	9.05	115.28	0.62	42.98
1.559	11.41	47.35	0.76	9.05	113.74	0.56	42.98
1.582	11.41	47.35	0.72	9.05	112.69	0.62	42.97
1.589	11.41	47.33	0.8	9.05	111.29	0.58	42.96
1.593	11.41	47.33	0.8	9.05	112.95	0.59	42.96
1.601	11.41	47.33	0.69	9.05	118.23	0.57	42.96
1.627	11.4	47.34	0.76	9.05	114.82	0.58	42.97
1.662	11.4	47.35	0.69	9.05	112.5	0.56	42.99
1.69	11.4	47.35	0.92	9.05	111.62	0.57	42.98
1.704	11.4	47.34	0.84	9.06	115.33	0.6	42.97
1.707	11.4	47.34	0.69	9.06	113.92	0.59	42.97
1.72	11.4	47.34	0.69	9.06	113.82	0.56	42.97
1.749	11.4	47.35	0.72	9.05	110.46	0.57	42.98
1.781	11.41	47.36	0.57	9.05	111.47	0.54	42.99
1.803	11.41	47.35	0.8	9.05	115.41	0.58	42.98
1.814	11.41	47.34	0.61	9.06	115.44	0.58	42.97
1.823	11.41	47.34	0.88	9.05	112.64	0.57	42.97
1.843	11.41	47.35	0.61	9.05	110.44	0.6	42.97
1.873	11.41	47.36	0.69	9.05	108.99	0.59	42.98
1.899	11.41	47.36	0.69	9.05	108.53	0.6	42.98
1.916	11.41	47.35	0.65	9.05	108.84	0.6	42.98
1.929	11.41	47.35	0.76	9.05	113.87	0.59	42.97
1.946	11.41	47.35	0.76	9.04	114.05	0.59	42.98
1.968	11.41	47.35	0.65	9.04	113.13	0.6	42.98
1.993	11.41	47.36	0.8	9.04	108.71	0.56	42.99
2.021	11.41	47.36	0.57	9.05	107.09	0.58	42.99
2.048	11.41	47.37	0.88	9.05	110.59	0.6	42.99
2.072	11.41	47.37	0.76	9.06	113.21	0.58	42.99
2.092	11.41	47.37	0.65	9.06	112.4	0.64	42.99
2.111	11.41	47.36	0.65	9.06	111.05	0.63	42.99
2.127	11.41	47.36	0.65	9.06	111.47	0.56	42.99
2.148	11.41	47.36	0.65	9.06	112.79	0.61	42.99
2.178	11.41	47.37	0.57	9.06	110.13	0.6	43.0
2.214	11.41	47.38	0.65	9.06	109.7	0.61	43.0
2.244	11.41	47.38	0.69	9.05	110.87	0.56	43.0
2.263	11.41	47.37	0.76	9.06	113.9	0.6	43.0
2.273	11.41	47.36	0.88	9.06	112.48	0.59	42.99
2.287	11.41	47.36	0.72	9.06	111.57	0.58	42.99
2.318	11.41	47.38	0.69	9.06	111.47	0.59	43.0
2.356	11.41	47.38	0.61	9.06	111.93	0.62	43.01
2.383	11.41	47.38	0.53	9.05	112.84	0.58	43.0
2.397	11.41	47.37	0.53	9.06	113.29	0.6	42.99
2.405	11.4	47.36	0.76	9.06	112.45	0.61	42.99
2.417	11.4	47.36	0.69	9.06	111.67	0.58	42.99
2.442	11.41	47.37	0.72	9.06	113.74	0.61	43.0
2.477	11.41	47.38	0.61	9.05	116.51	0.59	43.01
2.507	11.41	47.38	0.65	9.05	115.28	0.58	43.01
2.526	11.41	47.37	0.72	9.05	113.61	0.63	43.0
2.539	11.4	47.37	0.65	9.05	114.42	0.62	43.0
2.555	11.4	47.36	0.88	9.05	115.46	0.57	43.0
2.569	11.4	47.36	0.76	9.06	115.28	0.6	43.0
2.583	11.4	47.36	0.69	9.06	115.52	0.59	43.0
2.604	11.4	47.37	0.69	9.06	117.08	0.65	43.0
2.634	11.4	47.38	0.72	9.07	119.16	0.66	43.01
2.664	11.4	47.38	0.72	9.06	118.17	0.61	43.01

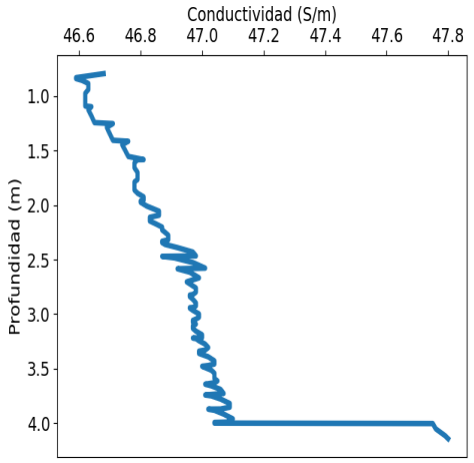
2.681	11.41	47.37	0.88	9.06	116.95	0.57	43.0
2.685	11.4	47.36	0.76	9.06	116.4	0.61	42.99
2.692	11.4	47.36	0.69	9.05	117.43	0.59	42.99
2.715	11.4	47.37	0.76	9.05	119.83	0.62	43.0
2.751	11.4	47.38	0.72	9.05	122.78	0.6	43.01
2.782	11.4	47.38	0.69	9.04	123.15	0.64	43.01
2.801	11.4	47.37	0.8	9.04	119.88	0.58	43.0
2.811	11.4	47.37	0.8	9.04	118.03	0.58	43.0
2.82	11.4	47.36	0.76	9.04	120.1	0.61	43.0
2.833	11.4	47.37	0.72	9.04	122.89	0.62	43.0
2.854	11.4	47.37	0.72	9.04	124.53	0.6	43.0
2.88	11.4	47.38	0.72	9.04	125.13	0.55	43.01
2.902	11.4	47.38	0.72	9.05	123.89	0.59	43.01
2.918	11.4	47.37	0.8	9.05	123.61	0.58	43.0
2.937	11.4	47.38	0.76	9.05	125.25	0.56	43.01
2.96	11.4	47.38	0.69	9.05	127.36	0.55	43.01
2.987	11.4	47.38	0.69	9.05	128.96	0.56	43.01
3.02	11.4	47.38	0.8	9.05	134.83	0.59	43.01
3.047	11.4	47.38	0.57	9.06	135.71	0.64	43.01
3.06	11.4	47.37	0.72	9.06	132.91	0.54	43.0
3.069	11.4	47.37	0.72	9.05	131.65	0.55	43.0
3.085	11.4	47.37	0.76	9.05	134.58	0.58	43.0
3.111	11.4	47.38	0.76	9.04	138.99	0.56	43.01
3.139	11.4	47.38	0.8	9.05	144.67	0.59	43.01
3.157	11.4	47.38	0.69	9.05	142.34	0.62	43.01
3.164	11.4	47.37	0.65	9.06	139.18	0.58	43.0
3.168	11.4	47.37	0.69	9.06	138.28	0.63	43.0
3.181	11.4	47.37	0.72	9.06	142.44	0.58	43.0
3.207	11.4	47.38	0.65	9.06	146.8	0.62	43.01
3.24	11.4	47.38	0.76	9.07	147.24	0.62	43.01
3.265	11.4	47.38	0.76	9.07	149.27	0.64	43.01
3.276	11.4	47.37	0.69	9.08	148.96	0.58	43.0
3.281	11.4	47.37	0.76	9.08	150.98	0.62	43.0
3.298	11.4	47.37	0.88	9.07	158.18	0.56	43.01
3.328	11.4	47.38	0.61	9.08	166.33	0.63	43.01
3.356	11.4	47.38	0.61	9.08	187.16	0.66	43.01
3.376	11.4	47.38	0.69	9.08	214.99	0.61	43.01
3.393	11.4	47.38	0.8	9.07	182.45	0.57	43.01
3.413	11.4	47.38	0.72	9.07	177.86	0.57	43.01
3.437	11.4	47.38	0.8	9.07	214.69	0.62	43.01
3.451	11.4	47.38	0.72	9.08	205.2	0.61	43.01
3.456	11.4	47.37	0.69	9.08	277.81	0.63	43.0
3.471	11.4	47.37	0.88	9.07	225.14	0.62	43.01
3.508	11.4	47.38	0.88	9.07	217.85	0.63	43.02
3.546	11.4	47.39	0.76	9.07	260.71	0.65	43.02
3.551	11.4	47.36	0.65	9.07	289.1	0.65	43.0
3.572	11.4	47.38	0.72	9.07	248.73	0.66	43.01
3.619	11.4	47.39	1.03	9.07	521.35	0.63	43.02
3.672	11.4	47.39	0.84	9.07	238.34	0.63	43.02
3.691	11.4	47.37	0.72	9.08	239.79	0.6	43.0
3.724	11.4	47.38	0.72	9.07	383.49	0.66	43.02
3.773	11.39	47.38	0.72	9.08	337.05	0.67	43.03
3.783	11.4	47.37	0.84	9.07	226.81	0.63	43.01
3.791	11.39	47.37	0.76	9.07	282.68	0.64	43.02
3.822	11.39	47.38	0.76	9.07	433.01	0.63	43.02
3.861	11.39	47.38	0.8	9.08	322.98	0.63	43.03
3.894	11.39	47.38	0.69	9.08	284.25	0.67	43.02
3.913	11.39	47.38	0.65	9.08	298.92	0.65	43.02

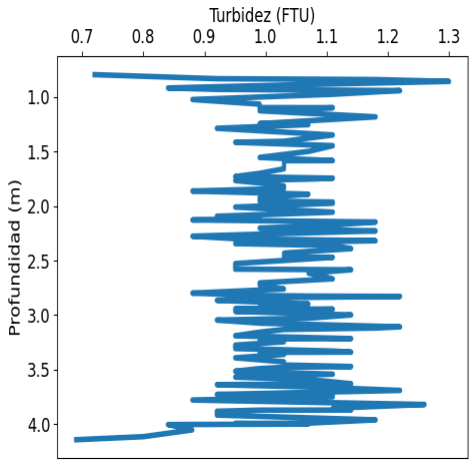
3.925	11.4	47.37	0.84	9.08	321.93	0.66	43.02
3.932	11.4	47.37	0.95	9.08	430.81	0.66	43.01
3.945	11.4	47.37	0.92	9.08	286.24	0.64	43.01
3.974	11.4	47.38	0.76	9.07	329.25	0.64	43.02
4.009	11.4	47.38	0.8	9.07	285.51	0.68	43.02
4.021	11.4	47.37	0.84	9.06	377.41	0.68	43.01
4.023	11.4	47.38	0.69	9.07	252.39	0.69	43.01
4.057	11.4	47.38	0.61	9.07	266.21	0.65	43.02
4.112	11.4	47.39	0.76	9.08	283.92	0.67	43.03
4.135	11.4	47.38	0.8	9.09	377.06	0.66	43.01
4.165	11.4	47.39	0.69	9.09	241.12	0.66	43.02
4.21	11.4	47.39	0.65	9.09	286.9	0.68	43.03
4.24	11.4	47.39	0.69	9.08	342.08	0.69	43.03
4.249	11.4	47.38	0.69	9.09	298.92	0.69	43.02
4.255	11.4	47.38	0.76	9.09	367.06	0.67	43.02
4.27	11.4	47.38	0.72	9.09	298.99	0.69	43.02
4.292	11.4	47.38	0.72	9.08	279.16	0.69	43.02
4.308	11.4	47.38	0.72	9.08	368.34	0.69	43.02
4.318	11.4	47.38	0.72	9.09	319.4	0.72	43.02
4.336	11.4	47.38	0.76	9.09	346.15	0.67	43.02
4.363	11.4	47.39	0.69	9.09	273.14	0.67	43.02
4.389	11.4	47.39	0.69	9.09	301.0	0.69	43.02
4.403	11.4	47.38	0.65	9.1	358.56	0.72	43.02
4.407	11.4	47.38	0.84	9.1	334.09	0.72	43.02
4.412	11.4	47.38	0.76	9.1	293.29	0.71	43.01
4.429	11.4	47.38	0.69	9.1	317.04	0.73	43.02
4.456	11.4	47.39	0.72	9.1	352.47	0.7	43.02
4.489	11.4	47.39	0.76	9.1	318.81	0.75	43.02
4.52	11.41	47.39	0.69	9.11	375.75	0.72	43.02
4.537	11.41	47.38	0.72	9.12	312.37	0.73	43.0
4.566	11.41	47.39	0.72	9.12	346.07	0.76	43.02
4.617	11.41	47.4	0.65	9.12	260.47	0.79	43.03
4.647	11.42	47.39	0.72	9.12	262.04	0.79	43.0
4.66	11.42	47.4	0.76	9.13	337.91	0.78	43.01
4.71	11.41	47.41	0.69	9.13	276.59	0.76	43.03
4.76	11.44	47.41	0.84	9.14	257.17	0.76	43.0
4.772	11.43	47.41	0.84	9.14	258.73	0.76	43.01
4.804	11.42	47.42	0.76	9.15	297.6	0.79	43.02
4.834	11.42	47.42	0.65	9.15	326.89	0.84	43.03
4.854	11.42	47.41	0.8	9.16	309.42	0.83	43.02
4.865	11.42	47.41	0.65	9.16	340.82	0.82	43.02
4.875	11.42	47.41	0.65	9.17	259.45	0.83	43.02
4.885	11.43	47.41	0.76	9.17	298.43	0.82	43.01
4.893	11.43	47.41	0.65	9.17	306.07	0.82	43.01
4.905	11.43	47.41	0.76	9.17	302.47	0.82	43.01
4.925	11.43	47.41	0.72	9.17	302.26	0.88	43.01
4.959	11.43	47.42	0.72	9.17	280.78	0.93	43.02
4.986	11.44	47.42	0.88	9.17	243.37	0.95	43.01
4.988	11.45	47.41	0.72	9.17	263.51	0.95	42.99

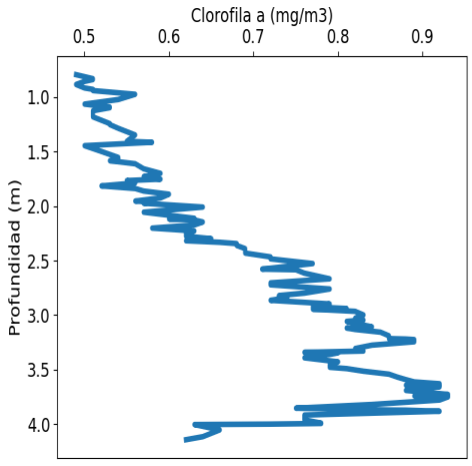
Nombre: CTD E11 - Punto 017 **Fecha: 20/01/2025** **Hora: 11:01:00**

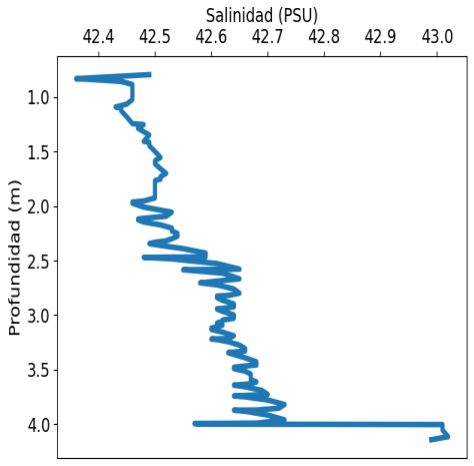


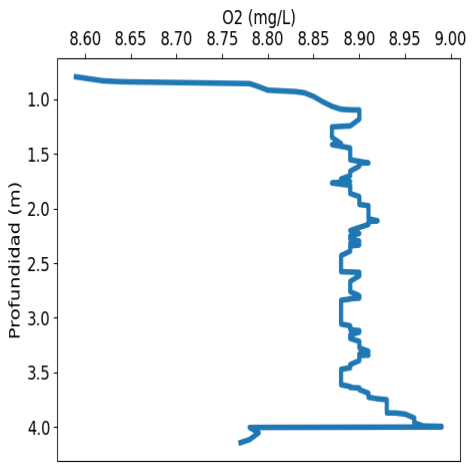


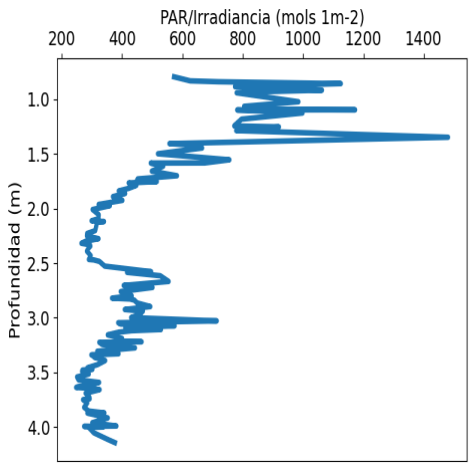


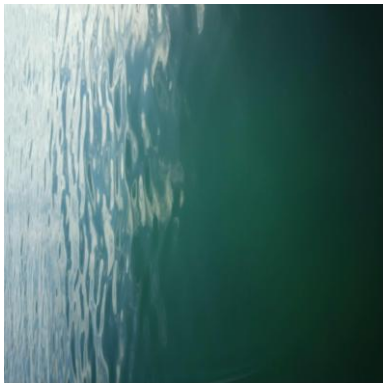












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.21	46.59	0.69	8.59	247.46	0.49	42.36
PROF (metros)	0.917	0.832	4.142	0.795	3.637	0.795	0.832
MÁXIMO	11.79	11.79	1.3	8.99	1480.5	0.93	43.02
PROF (metros)	4.142	4.142	0.857	3.993	1.348	3.727	4.114

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	11.23	46.62	1.03	8.75	822.73	0.51	42.44
1 - 2m	11.29	46.74	1.02	8.89	632.63	0.55	42.48
2 - 3m	11.38	46.92	1.03	8.89	372.16	0.7	42.57
3 - 4m	11.4	47.02	1.04	8.91	340.28	0.84	42.65
4 - 5m	11.75	47.78	0.8	8.78	331.65	0.64	43.01

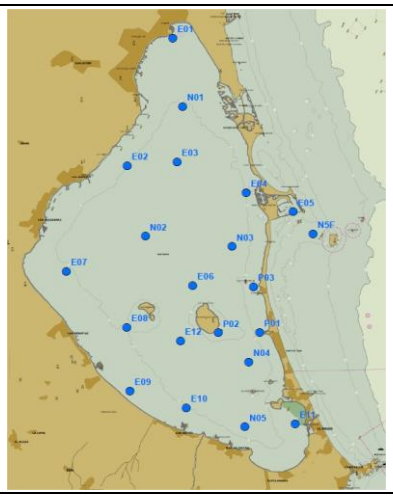
OBSERVACIONES GENERALES

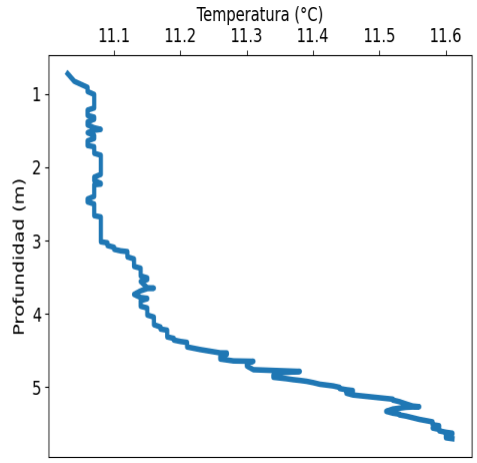
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.795	11.23	46.68	0.72	8.59	572.13	0.49	42.49
0.832	11.26	46.59	0.92	8.62	625.82	0.51	42.36
0.84	11.25	46.59	1.18	8.64	719.19	0.51	42.39
0.857	11.22	46.61	1.3	8.78	1125.2	0.5	42.44
0.885	11.22	46.63	1.07	8.79	774.02	0.49	42.46
0.917	11.21	46.63	0.84	8.8	1062.8	0.5	42.46
0.93	11.21	46.63	0.92	8.83	881.5	0.51	42.46
0.941	11.21	46.63	1.22	8.84	779.42	0.51	42.46
0.975	11.21	46.62	1.11	8.85	864.51	0.56	42.46
1.023	11.21	46.62	0.88	8.86	984.55	0.54	42.46
1.065	11.22	46.62	0.99	8.87	804.2	0.5	42.45
1.092	11.24	46.62	0.99	8.88	831.49	0.53	42.43
1.097	11.24	46.64	0.99	8.89	1172.6	0.53	42.44
1.098	11.24	46.64	1.11	8.9	781.23	0.53	42.44
1.126	11.23	46.63	0.99	8.9	998.11	0.51	42.44
1.182	11.23	46.64	1.18	8.9	796.04	0.51	42.45
1.244	11.24	46.65	0.99	8.89	771.52	0.53	42.46
1.253	11.28	46.71	1.07	8.87	920.12	0.53	42.48
1.287	11.27	46.69	0.92	8.87	777.98	0.54	42.47
1.348	11.26	46.7	1.11	8.87	1480.5	0.56	42.49
1.406	11.27	46.71	1.03	8.88	556.69	0.55	42.48
1.415	11.31	46.76	0.95	8.87	607.95	0.58	42.49
1.446	11.3	46.74	1.11	8.89	665.62	0.5	42.49
1.499	11.29	46.75	1.07	8.89	518.7	0.52	42.5
1.554	11.29	46.76	0.99	8.89	755.94	0.54	42.51
1.583	11.33	46.81	1.11	8.91	673.53	0.54	42.5
1.584	11.32	46.79	1.03	8.9	494.86	0.53	42.5
1.612	11.31	46.78	1.03	8.9	536.8	0.56	42.5
1.658	11.31	46.78	1.03	8.89	498.31	0.57	42.51
1.7	11.3	46.79	0.99	8.89	582.16	0.59	42.52
1.729	11.31	46.79	0.95	8.88	451.78	0.57	42.51
1.744	11.31	46.79	1.11	8.88	448.96	0.58	42.51
1.753	11.32	46.79	1.07	8.89	515.46	0.59	42.51
1.766	11.32	46.79	0.95	8.87	421.63	0.55	42.5
1.788	11.32	46.78	0.99	8.89	447.5	0.56	42.5
1.815	11.32	46.78	1.03	8.89	422.31	0.52	42.5
1.839	11.32	46.78	1.03	8.89	388.77	0.56	42.5

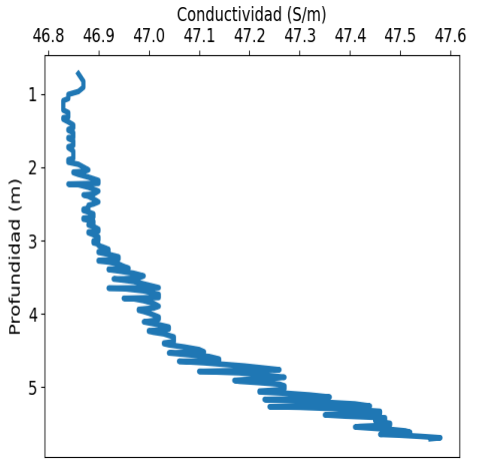
1.862	11.32	46.78	0.88	8.89	410.63	0.57	42.5
1.891	11.33	46.79	1.07	8.9	369.45	0.6	42.5
1.925	11.34	46.81	0.99	8.9	401.41	0.59	42.5
1.954	11.36	46.81	0.99	8.9	340.9	0.56	42.48
1.963	11.37	46.8	1.11	8.9	322.08	0.58	42.46
1.974	11.37	46.8	1.11	8.91	359.73	0.57	42.46
2.009	11.36	46.82	0.95	8.91	302.19	0.64	42.48
2.056	11.36	46.86	1.11	8.91	322.83	0.57	42.53
2.093	11.37	46.86	0.92	8.91	321.63	0.61	42.52
2.112	11.38	46.83	0.99	8.92	298.71	0.63	42.48
2.119	11.38	46.83	0.95	8.91	340.42	0.6	42.47
2.127	11.38	46.83	0.88	8.91	316.09	0.63	42.47
2.146	11.38	46.83	1.18	8.91	315.58	0.64	42.48
2.173	11.37	46.85	1.11	8.9	313.46	0.63	42.51
2.202	11.37	46.87	0.99	8.89	311.15	0.58	42.53
2.228	11.37	46.87	1.18	8.9	284.25	0.63	42.53
2.251	11.37	46.88	1.03	8.89	283.46	0.62	42.54
2.276	11.38	46.89	0.88	8.89	322.3	0.62	42.54
2.299	11.39	46.89	0.95	8.9	279.48	0.65	42.53
2.318	11.39	46.89	1.18	8.89	265.16	0.62	42.52
2.332	11.4	46.87	1.03	8.9	293.97	0.66	42.5
2.344	11.4	46.87	0.95	8.89	295.13	0.68	42.49
2.361	11.39	46.88	1.11	8.89	289.37	0.68	42.51
2.39	11.4	46.92	1.14	8.89	283.4	0.69	42.55
2.431	11.4	46.97	1.03	8.88	296.23	0.69	42.59
2.466	11.41	46.98	1.03	8.88	289.71	0.72	42.59
2.47	11.42	46.87	1.11	8.88	306.35	0.72	42.48
2.484	11.4	46.91	1.07	8.88	324.93	0.72	42.53
2.527	11.39	46.97	0.95	8.88	342.48	0.77	42.61
2.578	11.39	47.01	0.95	8.88	496.58	0.71	42.65
2.584	11.39	46.92	1.14	8.9	416.38	0.75	42.55
2.615	11.37	46.96	1.07	8.9	526.7	0.76	42.62
2.667	11.37	46.99	1.11	8.89	554.51	0.79	42.65
2.704	11.39	46.95	0.99	8.89	405.24	0.72	42.58
2.722	11.38	46.96	0.99	8.89	501.21	0.72	42.61
2.76	11.37	46.98	1.03	8.89	395.32	0.79	42.64
2.798	11.37	46.98	0.88	8.9	432.31	0.76	42.65
2.82	11.37	46.97	0.99	8.9	366.46	0.73	42.63
2.825	11.37	46.96	1.07	8.89	400.2	0.74	42.61
2.828	11.38	46.96	1.22	8.89	426.64	0.73	42.61
2.839	11.38	46.96	1.03	8.88	441.22	0.74	42.61
2.864	11.37	46.97	0.92	8.88	449.9	0.72	42.62
2.897	11.38	46.98	1.07	8.88	493.94	0.79	42.64
2.924	11.38	46.98	0.99	8.88	408.73	0.77	42.64
2.939	11.38	46.97	0.99	8.88	469.28	0.81	42.62
2.941	11.38	46.96	0.95	8.88	463.98	0.8	42.61
2.945	11.38	46.96	1.11	8.88	463.87	0.77	42.61
2.965	11.38	46.97	0.95	8.88	462.37	0.82	42.62
2.998	11.38	46.99	1.14	8.88	429.72	0.83	42.64
3.028	11.38	46.99	1.07	8.88	714.04	0.82	42.64
3.045	11.39	46.98	0.92	8.88	386.89	0.83	42.62
3.057	11.39	46.97	0.95	8.88	395.41	0.81	42.62
3.073	11.39	46.97	0.99	8.89	574.52	0.82	42.61
3.091	11.39	46.98	1.11	8.89	410.44	0.83	42.62
3.107	11.39	46.97	1.22	8.89	529.14	0.84	42.61
3.118	11.39	46.97	1.18	8.9	431.51	0.81	42.6
3.131	11.39	46.97	1.03	8.9	389.86	0.82	42.6
3.156	11.39	46.98	0.99	8.89	352.38	0.85	42.62

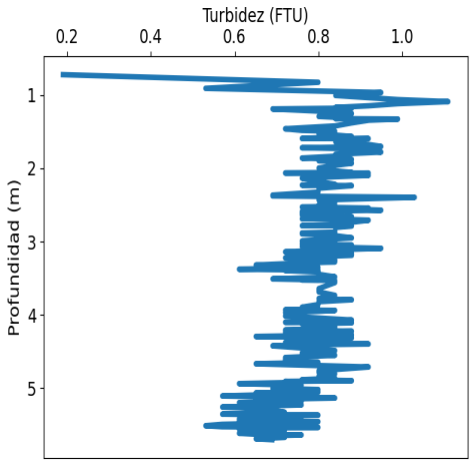
3.189	11.39	47.0	0.95	8.89	400.39	0.86	42.64
3.215	11.4	47.0	1.14	8.9	393.12	0.86	42.63
3.219	11.4	46.97	0.99	8.9	465.06	0.88	42.6
3.224	11.39	46.98	0.99	8.9	324.33	0.89	42.61
3.244	11.39	46.99	1.03	8.9	334.4	0.89	42.63
3.275	11.38	47.01	0.95	8.9	443.07	0.84	42.65
3.306	11.38	47.02	0.95	8.91	317.7	0.82	42.66
3.329	11.39	47.01	1.11	8.9	388.59	0.83	42.66
3.339	11.39	46.99	1.14	8.91	298.02	0.77	42.64
3.341	11.39	46.99	0.99	8.91	298.78	0.76	42.63
3.345	11.39	46.99	1.03	8.9	329.48	0.8	42.63
3.36	11.39	46.99	1.03	8.9	307.56	0.79	42.64
3.391	11.39	47.02	0.95	8.9	344.31	0.76	42.66
3.428	11.39	47.04	1.03	8.89	318.96	0.8	42.68
3.457	11.39	47.04	1.03	8.89	285.38	0.79	42.68
3.471	11.39	47.02	1.14	8.88	302.05	0.79	42.65
3.478	11.39	47.0	1.03	8.88	268.62	0.79	42.64
3.49	11.39	47.01	0.99	8.88	267.26	0.81	42.64
3.514	11.4	47.03	0.95	8.88	290.04	0.83	42.66
3.541	11.4	47.04	1.11	8.88	250.7	0.86	42.67
3.568	11.4	47.04	0.95	8.88	255.86	0.87	42.67
3.591	11.4	47.04	1.07	8.88	324.33	0.88	42.67
3.612	11.4	47.05	1.11	8.88	299.05	0.89	42.68
3.629	11.4	47.04	1.14	8.89	254.62	0.92	42.67
3.637	11.4	47.02	0.92	8.89	247.46	0.92	42.65
3.642	11.4	47.01	0.95	8.9	278.39	0.88	42.64
3.657	11.4	47.03	1.07	8.9	325.91	0.92	42.66
3.69	11.4	47.06	1.22	8.91	278.9	0.88	42.69
3.727	11.4	47.07	0.92	8.91	292.0	0.93	42.7
3.741	11.4	47.01	1.11	8.92	292.95	0.89	42.64
3.749	11.39	47.03	1.11	8.93	270.44	0.93	42.66
3.778	11.39	47.06	0.88	8.93	284.85	0.92	42.7
3.819	11.39	47.09	1.26	8.93	274.1	0.84	42.73
3.853	11.39	47.09	1.11	8.93	289.71	0.75	42.72
3.87	11.4	47.06	1.14	8.93	341.69	0.86	42.68
3.871	11.41	47.02	0.99	8.94	284.85	0.88	42.64
3.881	11.4	47.04	0.92	8.95	299.75	0.92	42.66
3.916	11.4	47.07	0.92	8.96	352.96	0.76	42.7
3.96	11.4	47.1	1.18	8.96	301.0	0.76	42.73
3.99	11.42	47.08	1.07	8.97	381.54	0.78	42.68
3.993	11.48	47.04	0.95	8.99	273.97	0.78	42.57
3.999	11.48	47.04	1.07	8.99	337.83	0.72	42.58
4.003	11.73	47.75	0.84	8.78	290.04	0.63	43.01
4.052	11.74	47.76	0.88	8.79	306.49	0.66	43.01
4.114	11.75	47.79	0.8	8.78	353.61	0.64	43.02
4.142	11.79	47.8	0.69	8.77	376.45	0.62	42.99

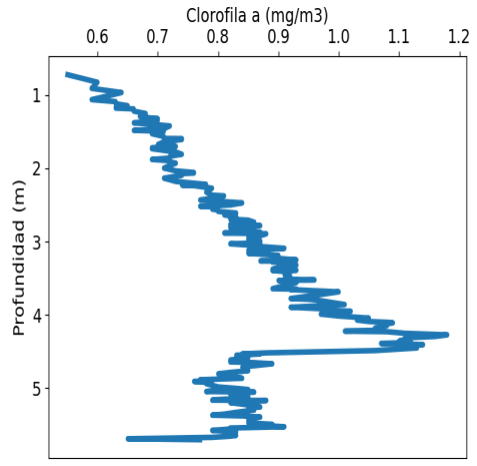
Nombre: CTD N05 - Punto 018 **Fecha: 20/01/2025** **Hora: 11:01:19**

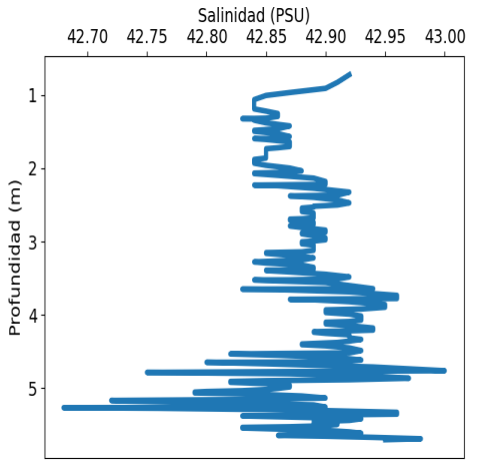


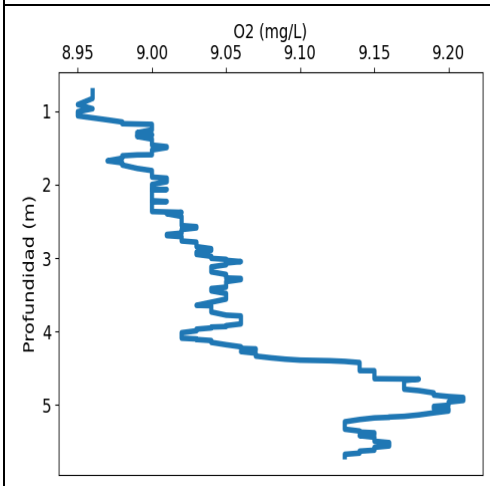


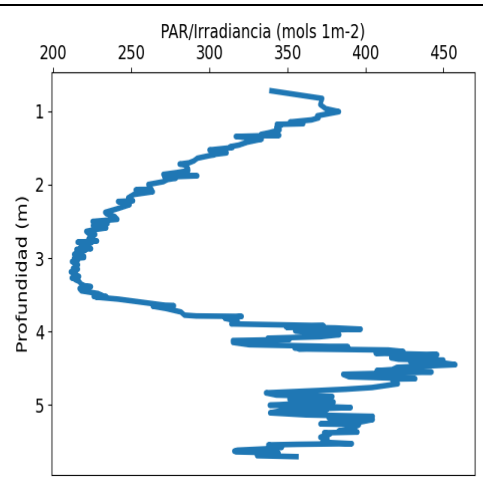












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.03	46.83	0.19	8.95	211.14	0.55	42.68
PROF (metros)	0.721	1.089	0.721	0.908	3.188	0.721	5.269
MÁXIMO	11.61	11.61	1.11	9.21	457.68	1.18	43.0
PROF (metros)	5.631	5.693	1.089	4.9	4.453	4.274	4.764

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	11.05	46.86	0.62	8.96	364.42	0.6	42.9
1 - 2m	11.07	46.84	0.86	8.99	314.25	0.69	42.85
2 - 3m	11.08	46.88	0.83	9.02	233.02	0.8	42.88
3 - 4m	11.13	46.95	0.79	9.05	254.22	0.92	42.89
4 - 5m	11.25	47.09	0.79	9.12	389.51	0.97	42.9
5 - 6m	11.54	47.39	0.68	9.15	366.24	0.83	42.86

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)
0.721	11.03	46.86	0.19	8.96	339.71	0.55	42.92
0.825	11.04	46.87	0.8	8.96	372.37	0.6	42.91
0.908	11.06	46.87	0.53	8.95	370.99	0.59	42.9
0.965	11.06	46.86	0.95	8.96	374.62	0.64	42.87
1.005	11.07	46.84	0.84	8.95	383.14	0.62	42.85
1.062	11.07	46.84	0.99	8.95	369.02	0.59	42.84
1.089	11.07	46.83	1.11	8.96	370.05	0.63	42.84
1.117	11.07	46.83	0.99	8.97	365.44	0.63	42.84
1.146	11.07	46.83	0.92	8.98	351.57	0.65	42.84
1.169	11.07	46.83	0.84	8.98	360.23	0.63	42.84
1.178	11.07	46.83	0.88	9.0	343.12	0.63	42.84
1.189	11.07	46.83	0.69	9.0	346.15	0.66	42.84
1.219	11.06	46.83	0.8	9.0	342.8	0.66	42.85
1.252	11.06	46.84	0.88	9.0	345.11	0.68	42.86
1.291	11.06	46.84	0.8	8.99	338.46	0.67	42.86
1.315	11.07	46.84	0.88	9.0	333.01	0.69	42.85
1.322	11.07	46.83	0.84	8.99	337.2	0.7	42.83
1.327	11.07	46.83	0.99	9.0	344.87	0.68	42.84
1.343	11.07	46.83	0.92	8.99	316.82	0.7	42.84
1.379	11.06	46.84	0.88	9.0	333.63	0.66	42.85
1.421	11.06	46.85	0.84	9.0	324.25	0.72	42.87
1.46	11.07	46.85	0.72	9.0	318.88	0.71	42.86
1.482	11.08	46.84	0.76	9.01	313.32	0.66	42.84
1.494	11.07	46.84	0.84	9.01	314.85	0.71	42.84
1.527	11.06	46.85	0.8	9.0	299.96	0.69	42.86
1.566	11.07	46.85	0.88	9.0	311.15	0.71	42.87
1.592	11.07	46.85	0.76	9.0	301.07	0.71	42.86
1.594	11.07	46.84	0.92	8.99	302.89	0.74	42.84
1.606	11.07	46.84	0.84	8.98	299.61	0.74	42.85
1.639	11.06	46.85	0.84	8.98	292.34	0.71	42.87
1.675	11.06	46.85	0.92	8.97	290.11	0.7	42.87
1.702	11.06	46.85	0.95	8.98	286.97	0.73	42.87
1.719	11.07	46.84	0.76	8.98	280.85	0.69	42.86
1.732	11.07	46.84	0.88	8.98	284.12	0.69	42.85
1.778	11.07	46.85	0.95	8.99	286.37	0.73	42.85
1.808	11.07	46.85	0.84	9.0	286.57	0.74	42.85

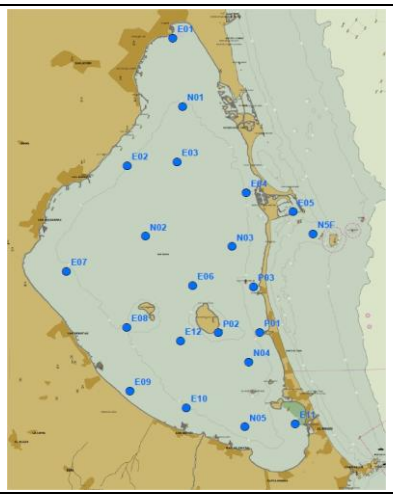
1.835	11.08	46.85	0.84	9.0	279.16	0.72	42.85
1.86	11.08	46.85	0.76	9.0	270.44	0.72	42.85
1.879	11.08	46.85	0.88	9.0	292.34	0.69	42.84
1.896	11.08	46.84	0.8	9.0	271.13	0.72	42.84
1.911	11.08	46.84	0.84	9.01	278.64	0.72	42.84
1.93	11.08	46.84	0.88	9.01	273.21	0.73	42.84
1.959	11.08	46.86	0.84	9.01	270.5	0.72	42.85
1.997	11.08	46.87	0.8	9.0	260.83	0.71	42.87
2.035	11.08	46.88	0.84	9.0	261.8	0.73	42.88
2.057	11.08	46.87	0.88	9.0	261.44	0.76	42.86
2.064	11.08	46.85	0.72	9.0	263.08	0.76	42.84
2.065	11.08	46.85	0.92	9.01	254.86	0.76	42.84
2.072	11.08	46.85	0.84	9.0	252.68	0.74	42.84
2.096	11.08	46.86	0.92	9.0	263.87	0.74	42.86
2.134	11.07	46.88	0.76	9.0	251.51	0.71	42.89
2.18	11.07	46.9	0.8	9.0	247.87	0.73	42.9
2.219	11.08	46.9	0.84	9.0	251.22	0.78	42.9
2.229	11.08	46.84	0.76	9.01	241.4	0.74	42.84
2.237	11.07	46.86	0.88	9.0	244.44	0.76	42.86
2.272	11.07	46.88	0.8	9.0	249.02	0.79	42.89
2.325	11.07	46.9	0.8	9.0	241.46	0.78	42.92
2.366	11.07	46.89	0.69	9.0	234.89	0.79	42.91
2.377	11.07	46.87	0.69	9.02	233.15	0.81	42.87
2.396	11.07	46.88	1.03	9.01	234.02	0.8	42.89
2.433	11.06	46.89	0.8	9.02	239.34	0.77	42.91
2.472	11.06	46.9	0.84	9.02	241.12	0.84	42.92
2.501	11.07	46.89	0.8	9.02	225.08	0.82	42.91
2.518	11.07	46.88	0.84	9.02	228.29	0.77	42.89
2.529	11.07	46.88	0.76	9.02	234.89	0.8	42.89
2.543	11.07	46.88	0.92	9.02	230.25	0.79	42.88
2.557	11.07	46.88	0.88	9.02	225.29	0.79	42.88
2.572	11.07	46.87	0.95	9.03	231.43	0.8	42.88
2.589	11.07	46.87	0.76	9.03	234.02	0.8	42.88
2.611	11.07	46.88	0.76	9.02	226.76	0.83	42.89
2.636	11.07	46.89	0.76	9.02	221.05	0.81	42.89
2.66	11.07	46.89	0.88	9.02	222.28	0.83	42.89
2.678	11.08	46.89	0.84	9.01	226.97	0.82	42.89
2.689	11.08	46.88	0.76	9.01	224.51	0.82	42.88
2.694	11.08	46.87	0.84	9.01	223.83	0.82	42.87
2.708	11.08	46.87	0.92	9.02	223.73	0.85	42.87
2.736	11.08	46.89	0.88	9.02	222.54	0.86	42.89
2.767	11.08	46.89	0.84	9.02	228.13	0.82	42.89
2.783	11.08	46.88	0.76	9.03	215.49	0.87	42.88
2.785	11.08	46.88	0.88	9.03	217.39	0.84	42.87
2.787	11.08	46.88	0.88	9.03	224.77	0.82	42.87
2.808	11.08	46.89	0.84	9.03	219.93	0.82	42.88
2.844	11.08	46.9	0.84	9.03	217.34	0.85	42.9
2.872	11.08	46.9	0.84	9.04	224.3	0.87	42.9
2.883	11.08	46.88	0.76	9.04	214.74	0.81	42.88
2.894	11.08	46.88	0.76	9.04	220.69	0.88	42.88
2.92	11.08	46.89	0.84	9.03	215.29	0.87	42.89
2.95	11.08	46.9	0.88	9.03	213.25	0.85	42.9
2.976	11.08	46.9	0.8	9.04	219.82	0.85	42.9
2.993	11.08	46.9	0.76	9.04	219.82	0.87	42.89
3.004	11.08	46.89	0.84	9.04	213.15	0.87	42.88
3.017	11.08	46.89	0.8	9.05	215.64	0.87	42.88
3.031	11.09	46.89	0.76	9.05	215.84	0.82	42.88
3.048	11.09	46.9	0.88	9.06	211.87	0.85	42.89

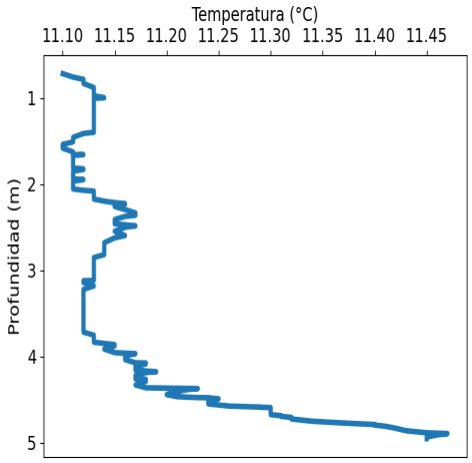
3.068	11.09	46.9	0.76	9.05	213.94	0.87	42.89
3.092	11.1	46.91	0.95	9.05	215.94	0.91	42.89
3.12	11.1	46.92	0.8	9.04	214.84	0.85	42.89
3.141	11.11	46.92	0.72	9.04	212.51	0.87	42.88
3.151	11.12	46.9	0.76	9.04	215.89	0.88	42.85
3.161	11.12	46.9	0.88	9.04	215.04	0.85	42.85
3.188	11.12	46.92	0.88	9.04	211.14	0.9	42.87
3.223	11.12	46.94	0.72	9.05	214.39	0.89	42.89
3.251	11.13	46.94	0.84	9.05	216.64	0.93	42.88
3.265	11.13	46.92	0.76	9.05	216.19	0.87	42.86
3.271	11.13	46.9	0.76	9.05	211.72	0.92	42.85
3.278	11.13	46.9	0.84	9.06	213.3	0.89	42.84
3.293	11.13	46.92	0.76	9.06	213.94	0.92	42.85
3.321	11.13	46.94	0.65	9.05	216.74	0.93	42.88
3.353	11.13	46.95	0.8	9.05	217.75	0.9	42.89
3.378	11.14	46.96	0.61	9.05	220.18	0.89	42.89
3.39	11.14	46.93	0.8	9.05	224.25	0.92	42.86
3.391	11.14	46.92	0.72	9.05	219.62	0.93	42.85
3.396	11.14	46.92	0.72	9.05	219.52	0.89	42.85
3.415	11.14	46.94	0.8	9.04	216.74	0.92	42.87
3.447	11.14	46.97	0.8	9.04	218.0	0.91	42.9
3.483	11.14	46.99	0.84	9.05	228.66	0.92	42.92
3.51	11.15	46.98	0.69	9.05	231.43	0.91	42.91
3.523	11.15	46.95	0.8	9.05	225.81	0.94	42.87
3.524	11.15	46.93	0.76	9.05	234.02	0.96	42.84
3.532	11.15	46.94	0.84	9.05	227.23	0.9	42.85
3.559	11.14	46.97	0.84	9.05	241.46	0.93	42.9
3.644	11.15	47.02	0.8	9.03	271.82	0.89	42.94
3.65	11.16	46.92	0.8	9.04	277.42	0.93	42.83
3.656	11.15	46.95	0.8	9.04	263.69	0.92	42.86
3.687	11.14	46.99	0.8	9.04	272.2	1.0	42.92
3.735	11.13	47.02	0.84	9.04	281.83	0.96	42.96
3.778	11.14	47.02	0.8	9.05	284.06	0.92	42.96
3.789	11.15	46.95	0.84	9.06	291.59	0.95	42.87
3.795	11.15	46.97	0.88	9.06	320.81	0.96	42.89
3.821	11.14	46.99	0.8	9.06	309.85	0.98	42.92
3.86	11.14	47.01	0.8	9.06	318.22	1.01	42.95
3.897	11.14	47.02	0.76	9.06	313.97	0.92	42.95
3.921	11.15	47.01	0.8	9.05	373.23	0.98	42.93
3.933	11.15	46.99	0.72	9.05	358.65	0.98	42.9
3.94	11.15	46.98	0.84	9.04	349.13	0.99	42.9
3.952	11.15	46.98	0.8	9.04	380.66	1.02	42.9
3.969	11.15	46.99	0.72	9.03	397.06	0.98	42.9
3.991	11.15	47.0	0.76	9.03	354.84	0.97	42.92
4.017	11.15	47.01	0.72	9.02	365.44	1.0	42.93
4.045	11.16	47.02	0.8	9.02	383.32	1.05	42.93
4.072	11.16	47.02	0.88	9.02	370.91	1.03	42.93
4.092	11.16	47.01	0.84	9.02	337.36	1.05	42.92
4.102	11.16	47.0	0.72	9.03	342.4	1.08	42.9
4.11	11.16	46.99	0.88	9.03	351.41	1.09	42.9
4.124	11.16	47.0	0.76	9.04	314.99	1.08	42.9
4.149	11.16	47.02	0.84	9.04	315.06	1.08	42.92
4.181	11.17	47.04	0.84	9.05	325.61	1.06	42.94
4.209	11.17	47.04	0.72	9.06	388.95	1.07	42.94
4.224	11.18	47.02	0.88	9.06	354.43	1.01	42.91
4.231	11.18	47.0	0.84	9.06	366.29	1.08	42.89
4.238	11.18	47.0	0.72	9.07	357.15	1.09	42.89
4.253	11.18	47.01	0.84	9.07	414.65	1.11	42.9

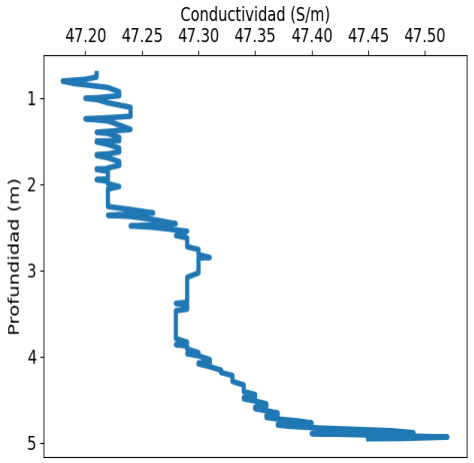
4.274	11.18	47.03	0.88	9.06	424.37	1.18	42.92
4.296	11.18	47.04	0.65	9.07	406.46	1.16	42.92
4.316	11.18	47.05	0.88	9.07	446.05	1.11	42.92
4.336	11.19	47.05	0.8	9.07	428.52	1.11	42.93
4.359	11.19	47.05	0.8	9.08	416.38	1.1	42.92
4.378	11.2	47.05	0.72	9.09	421.14	1.12	42.91
4.391	11.21	47.04	0.76	9.1	450.0	1.07	42.89
4.399	11.21	47.03	0.92	9.12	436.34	1.11	42.88
4.408	11.21	47.03	0.8	9.13	428.52	1.14	42.88
4.424	11.21	47.04	0.69	9.14	448.33	1.12	42.9
4.453	11.21	47.07	0.76	9.14	457.68	1.13	42.92
4.489	11.23	47.1	0.84	9.14	420.16	1.06	42.93
4.52	11.25	47.11	0.76	9.14	417.15	0.88	42.92
4.534	11.26	47.04	0.8	9.14	407.12	0.84	42.83
4.535	11.27	47.04	0.76	9.15	416.09	0.87	42.82
4.553	11.27	47.07	0.84	9.15	442.45	0.83	42.86
4.584	11.26	47.12	0.72	9.15	385.63	0.85	42.91
4.618	11.26	47.14	0.72	9.15	389.49	0.82	42.93
4.644	11.28	47.14	0.76	9.15	432.01	0.82	42.91
4.649	11.31	47.06	0.8	9.18	417.06	0.85	42.8
4.669	11.3	47.11	0.65	9.17	417.25	0.89	42.85
4.713	11.3	47.19	0.92	9.17	420.84	0.84	42.94
4.764	11.31	47.26	0.8	9.17	404.21	0.85	43.0
4.787	11.38	47.1	0.8	9.17	387.42	0.82	42.75
4.806	11.35	47.18	0.84	9.18	368.93	0.8	42.87
4.837	11.34	47.23	0.8	9.19	336.19	0.82	42.94
4.867	11.34	47.27	0.84	9.19	342.96	0.84	42.97
4.887	11.36	47.24	0.76	9.2	378.9	0.77	42.92
4.9	11.37	47.19	0.88	9.21	363.0	0.79	42.85
4.91	11.38	47.17	0.72	9.21	352.38	0.76	42.82
4.922	11.39	47.18	0.76	9.21	351.24	0.78	42.82
4.94	11.4	47.22	0.61	9.21	358.98	0.78	42.85
4.962	11.41	47.26	0.76	9.2	379.69	0.79	42.87
4.985	11.43	47.27	0.72	9.2	355.42	0.8	42.87
5.005	11.44	47.27	0.69	9.2	338.61	0.83	42.86
5.021	11.44	47.27	0.8	9.19	370.39	0.85	42.85
5.037	11.45	47.26	0.69	9.19	390.67	0.79	42.83
5.048	11.46	47.24	0.72	9.19	375.32	0.78	42.8
5.056	11.46	47.22	0.8	9.2	375.32	0.86	42.79
5.067	11.45	47.22	0.65	9.2	375.4	0.82	42.79
5.084	11.45	47.27	0.72	9.2	345.03	0.82	42.84
5.109	11.46	47.32	0.57	9.19	338.85	0.85	42.88
5.137	11.49	47.36	0.84	9.18	361.9	0.85	42.9
5.157	11.51	47.34	0.65	9.17	404.77	0.8	42.84
5.166	11.52	47.26	0.69	9.16	398.81	0.79	42.75
5.17	11.52	47.23	0.76	9.16	389.49	0.88	42.72
5.178	11.52	47.24	0.76	9.15	376.36	0.83	42.73
5.2	11.53	47.33	0.61	9.14	404.77	0.82	42.81
5.231	11.54	47.41	0.76	9.13	397.52	0.85	42.89
5.26	11.55	47.44	0.57	9.13	371.08	0.87	42.9
5.269	11.56	47.24	0.61	9.13	395.96	0.85	42.68
5.277	11.54	47.3	0.65	9.13	395.59	0.85	42.76
5.301	11.52	47.39	0.69	9.13	392.76	0.86	42.88
5.332	11.51	47.46	0.72	9.13	390.04	0.83	42.96
5.357	11.52	47.46	0.57	9.14	382.69	0.81	42.96
5.371	11.53	47.39	0.8	9.14	394.95	0.79	42.88
5.381	11.53	47.35	0.65	9.15	373.41	0.84	42.83
5.397	11.54	47.39	0.76	9.15	377.41	0.87	42.87

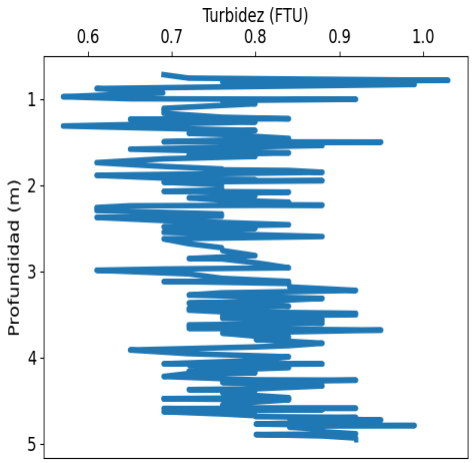
5.42	11.55	47.47	0.61	9.14	374.36	0.85	42.93
5.442	11.56	47.47	0.61	9.15	370.99	0.86	42.92
5.459	11.57	47.45	0.8	9.15	375.66	0.85	42.89
5.476	11.58	47.46	0.72	9.15	375.32	0.85	42.89
5.496	11.58	47.48	0.57	9.15	372.46	0.89	42.91
5.515	11.58	47.48	0.53	9.16	378.02	0.88	42.9
5.529	11.59	47.45	0.57	9.16	391.4	0.91	42.87
5.538	11.59	47.42	0.8	9.16	356.41	0.86	42.83
5.546	11.59	47.41	0.65	9.16	337.67	0.82	42.83
5.56	11.58	47.44	0.61	9.16	340.42	0.82	42.86
5.579	11.59	47.48	0.72	9.15	346.55	0.79	42.9
5.599	11.59	47.51	0.69	9.15	336.81	0.83	42.92
5.618	11.6	47.52	0.61	9.15	317.92	0.82	42.93
5.631	11.61	47.51	0.65	9.14	315.87	0.82	42.9
5.641	11.61	47.47	0.76	9.14	317.12	0.82	42.87
5.647	11.6	47.46	0.72	9.14	329.4	0.83	42.86
5.658	11.6	47.5	0.72	9.14	344.47	0.82	42.9
5.674	11.6	47.54	0.72	9.13	330.32	0.79	42.94
5.693	11.6	47.58	0.65	9.13	330.55	0.65	42.98
5.706	11.61	47.56	0.69	9.13	355.91	0.77	42.95

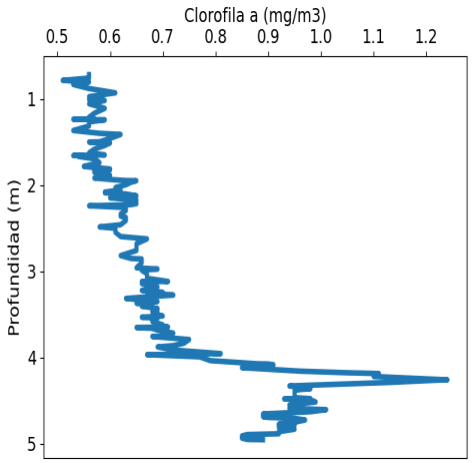
Nombre: CTD E10 - Punto 019 **Fecha: 20/01/2025** **Hora: 11:01:42**

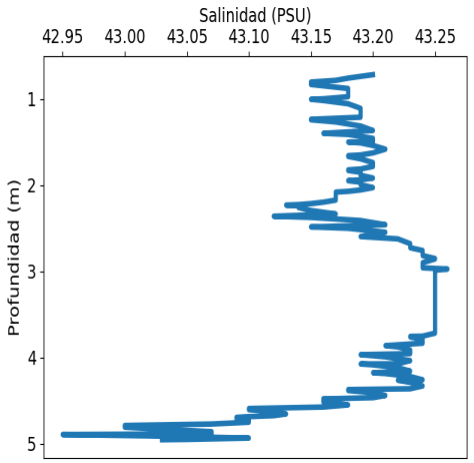


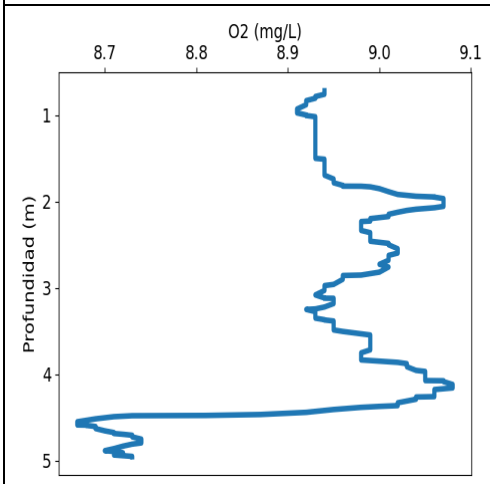


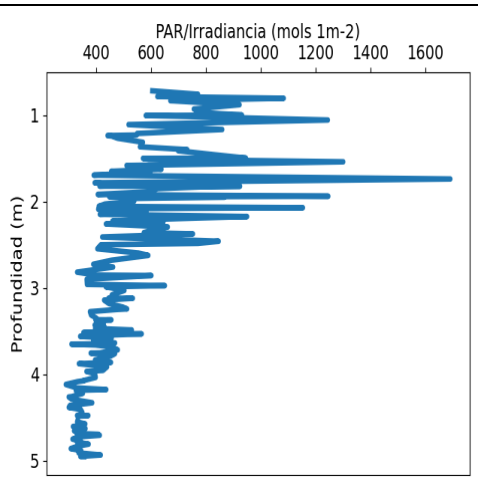












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.1	47.18	0.57	8.67	288.97	0.51	42.95
PROF (metros)	0.715	0.801	0.971	4.548	4.116	0.781	4.892
MÁXIMO	11.47	11.47	1.03	9.08	1690.3	1.24	43.26
PROF (metros)	4.892	4.933	0.781	4.116	1.736	4.257	2.971

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	11.12	47.21	0.75	8.92	796.05	0.56	43.17
1 - 2m	11.12	47.22	0.76	8.96	669.56	0.58	43.18
2 - 3m	11.14	47.25	0.75	9.0	546.98	0.63	43.19
3 - 4m	11.13	47.29	0.79	8.97	431.51	0.69	43.24
4 - 5m	11.28	47.36	0.82	8.83	344.1	0.95	43.14

OBSERVACIONES GENERALES

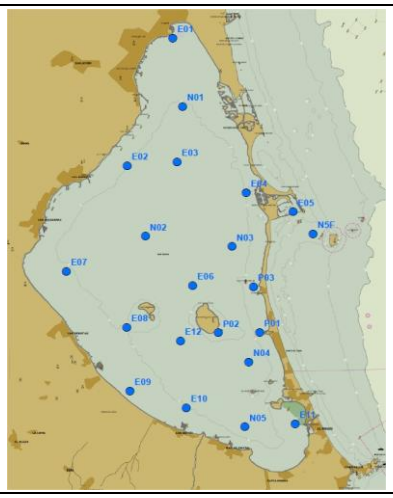
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.715	11.1	47.21	0.69	8.94	604.02	0.56	43.2
0.755	11.11	47.21	0.72	8.94	771.52	0.56	43.18
0.781	11.12	47.2	1.03	8.93	622.35	0.51	43.17
0.801	11.12	47.18	0.76	8.93	1083.7	0.56	43.15
0.829	11.12	47.19	0.99	8.92	669.49	0.53	43.15
0.876	11.13	47.22	0.61	8.92	922.68	0.56	43.18
0.926	11.13	47.23	0.69	8.91	755.06	0.61	43.18
0.971	11.13	47.23	0.57	8.91	804.38	0.56	43.18
0.995	11.14	47.21	0.65	8.92	931.28	0.58	43.16
1.001	11.13	47.2	0.92	8.92	579.87	0.56	43.15
1.015	11.13	47.21	0.76	8.93	769.19	0.59	43.16
1.053	11.13	47.22	0.8	8.93	1244.2	0.56	43.18
1.106	11.13	47.24	0.69	8.93	517.26	0.59	43.19
1.163	11.13	47.24	0.69	8.93	859.71	0.57	43.19
1.209	11.13	47.24	0.76	8.93	548.62	0.56	43.19
1.227	11.13	47.22	0.84	8.93	547.86	0.57	43.16
1.233	11.13	47.21	0.65	8.93	440.81	0.53	43.15
1.239	11.13	47.2	0.72	8.93	456.41	0.59	43.15
1.264	11.13	47.22	0.8	8.93	477.84	0.56	43.17
1.311	11.13	47.23	0.57	8.93	570.81	0.56	43.19
1.363	11.13	47.24	0.8	8.93	558.63	0.53	43.2
1.396	11.13	47.21	0.72	8.93	732.31	0.58	43.16
1.409	11.12	47.22	0.76	8.93	698.17	0.62	43.18
1.455	11.11	47.23	0.84	8.93	829.95	0.6	43.2
1.494	11.11	47.23	0.69	8.93	945.85	0.58	43.2
1.497	11.11	47.21	0.95	8.93	569.75	0.56	43.18
1.507	11.11	47.21	0.76	8.94	591.14	0.6	43.19
1.537	11.1	47.22	0.88	8.94	1300.3	0.59	43.2
1.58	11.1	47.23	0.65	8.94	510.12	0.57	43.21
1.623	11.11	47.23	0.84	8.94	638.42	0.56	43.2
1.647	11.11	47.22	0.72	8.94	454.19	0.59	43.19
1.654	11.11	47.21	0.76	8.94	489.04	0.53	43.18
1.655	11.12	47.21	0.72	8.94	597.2	0.55	43.18
1.664	11.11	47.21	0.8	8.94	540.92	0.54	43.18
1.692	11.11	47.22	0.69	8.94	390.58	0.57	43.19
1.736	11.11	47.23	0.61	8.95	1690.3	0.58	43.2
1.78	11.11	47.23	0.69	8.95	393.94	0.55	43.2

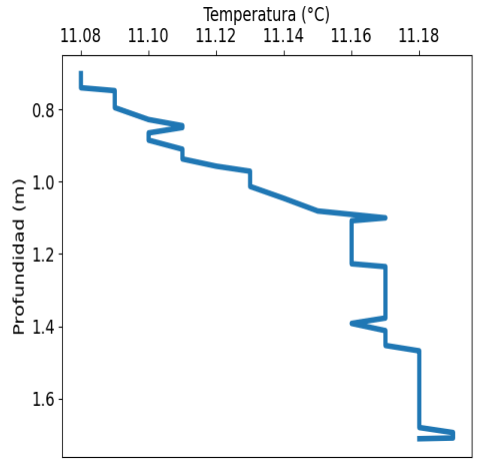
1.81	11.11	47.22	0.76	8.96	494.4	0.6	43.19
1.819	11.12	47.22	0.76	8.96	411.87	0.6	43.18
1.82	11.12	47.21	0.76	8.98	924.61	0.57	43.18
1.827	11.12	47.21	0.84	8.99	788.33	0.57	43.18
1.848	11.11	47.22	0.88	9.0	624.37	0.57	43.19
1.883	11.11	47.22	0.61	9.01	592.37	0.6	43.19
1.915	11.11	47.22	0.69	9.02	405.24	0.57	43.2
1.936	11.11	47.22	0.8	9.04	1246.0	0.61	43.19
1.944	11.12	47.21	0.72	9.06	447.71	0.63	43.18
1.946	11.12	47.21	0.88	9.06	868.12	0.65	43.18
1.963	11.11	47.22	0.69	9.07	496.93	0.64	43.19
1.993	11.11	47.22	0.76	9.07	539.05	0.63	43.19
2.026	11.11	47.23	0.76	9.07	432.01	0.61	43.2
2.053	11.11	47.22	0.76	9.07	408.73	0.62	43.19
2.069	11.12	47.22	0.69	9.06	1153.4	0.6	43.18
2.078	11.13	47.22	0.84	9.05	576.52	0.59	43.17
2.086	11.13	47.22	0.8	9.04	406.75	0.59	43.17
2.1	11.13	47.22	0.76	9.03	467.54	0.63	43.17
2.121	11.13	47.22	0.8	9.02	583.51	0.65	43.17
2.145	11.13	47.22	0.72	9.01	412.92	0.6	43.17
2.171	11.13	47.22	0.76	9.01	950.25	0.65	43.17
2.195	11.14	47.22	0.84	8.99	699.63	0.63	43.16
2.212	11.15	47.22	0.76	8.99	538.3	0.65	43.15
2.223	11.16	47.22	0.8	8.99	458.74	0.64	43.14
2.229	11.16	47.22	0.88	8.98	475.08	0.61	43.13
2.237	11.15	47.22	0.65	8.98	645.11	0.56	43.14
2.257	11.15	47.22	0.61	8.98	435.03	0.63	43.14
2.292	11.16	47.24	0.61	8.98	661.47	0.63	43.15
2.332	11.17	47.26	0.76	8.98	601.08	0.62	43.17
2.358	11.17	47.22	0.76	8.99	572.79	0.62	43.12
2.372	11.16	47.24	0.61	8.99	753.14	0.63	43.15
2.408	11.15	47.26	0.69	8.99	421.63	0.63	43.19
2.457	11.15	47.28	0.84	8.99	846.66	0.62	43.21
2.482	11.17	47.24	0.69	9.01	770.8	0.58	43.15
2.498	11.16	47.26	0.8	9.01	416.77	0.61	43.18
2.544	11.15	47.29	0.69	9.02	403.93	0.61	43.21
2.594	11.16	47.28	0.88	9.02	554.12	0.62	43.19
2.621	11.15	47.29	0.69	9.01	590.45	0.67	43.22
2.677	11.14	47.29	0.72	9.01	456.3	0.65	43.23
2.724	11.14	47.29	0.76	9.0	388.86	0.65	43.23
2.756	11.14	47.3	0.76	9.01	462.37	0.65	43.24
2.815	11.14	47.3	0.8	9.0	329.94	0.62	43.24
2.849	11.13	47.31	0.72	8.98	399.37	0.64	43.25
2.854	11.13	47.3	0.76	8.96	601.64	0.66	43.25
2.898	11.13	47.3	0.8	8.96	364.77	0.66	43.24
2.957	11.13	47.3	0.84	8.95	366.04	0.65	43.24
2.971	11.13	47.3	0.69	8.94	650.97	0.69	43.26
2.985	11.13	47.3	0.61	8.94	434.72	0.66	43.25
3.027	11.13	47.3	0.72	8.94	503.3	0.67	43.25
3.079	11.13	47.29	0.76	8.93	456.51	0.67	43.25
3.115	11.13	47.29	0.84	8.94	452.93	0.71	43.25
3.117	11.12	47.29	0.69	8.94	444.51	0.66	43.25
3.118	11.12	47.29	0.72	8.95	534.19	0.68	43.25
3.139	11.12	47.29	0.84	8.95	428.22	0.66	43.25
3.179	11.13	47.29	0.84	8.95	446.16	0.69	43.25
3.219	11.12	47.29	0.92	8.94	496.81	0.66	43.25
3.241	11.12	47.29	0.8	8.93	513.2	0.7	43.25
3.247	11.12	47.29	0.76	8.92	477.73	0.67	43.25

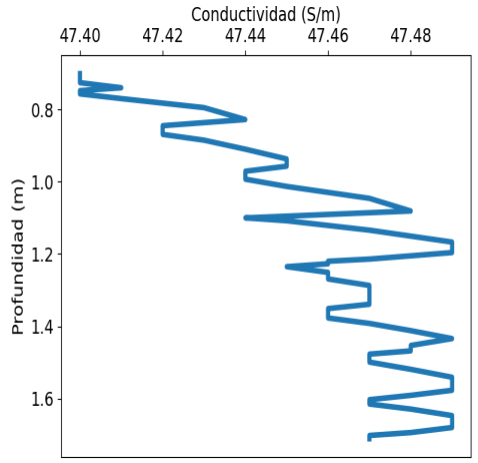
3.273	11.12	47.29	0.72	8.93	376.97	0.72	43.25
3.312	11.12	47.29	0.88	8.93	381.01	0.63	43.25
3.348	11.12	47.29	0.8	8.93	401.04	0.69	43.25
3.366	11.12	47.29	0.72	8.94	396.51	0.66	43.25
3.368	11.12	47.29	0.8	8.94	456.09	0.65	43.25
3.369	11.12	47.29	0.76	8.94	440.51	0.67	43.25
3.381	11.12	47.28	0.8	8.95	400.29	0.68	43.25
3.403	11.12	47.29	0.84	8.95	428.52	0.66	43.25
3.428	11.12	47.29	0.72	8.95	393.76	0.69	43.25
3.448	11.12	47.29	0.72	8.95	430.81	0.69	43.25
3.467	11.12	47.28	0.76	8.95	395.32	0.68	43.25
3.485	11.12	47.28	0.92	8.95	530.49	0.69	43.25
3.502	11.12	47.28	0.92	8.96	440.4	0.69	43.25
3.516	11.12	47.28	0.76	8.97	352.63	0.7	43.25
3.53	11.12	47.28	0.76	8.98	566.46	0.66	43.25
3.543	11.12	47.28	0.76	8.99	454.19	0.69	43.25
3.559	11.12	47.28	0.88	8.99	340.98	0.68	43.25
3.579	11.12	47.28	0.8	8.99	456.83	0.68	43.25
3.6	11.12	47.28	0.88	8.99	388.32	0.69	43.25
3.619	11.12	47.28	0.72	8.99	398.54	0.7	43.25
3.635	11.12	47.28	0.72	8.99	469.39	0.69	43.25
3.644	11.12	47.28	0.84	8.99	462.58	0.71	43.25
3.649	11.12	47.28	0.8	8.99	309.42	0.65	43.25
3.659	11.12	47.28	0.72	8.99	397.52	0.68	43.25
3.68	11.12	47.28	0.95	8.99	452.93	0.69	43.25
3.715	11.12	47.28	0.76	8.99	479.39	0.72	43.25
3.75	11.13	47.28	0.8	8.98	413.4	0.71	43.24
3.753	11.13	47.28	0.8	8.98	379.6	0.68	43.23
3.759	11.13	47.28	0.84	8.98	469.17	0.69	43.23
3.789	11.13	47.28	0.8	8.98	451.78	0.75	43.24
3.832	11.13	47.29	0.88	8.98	395.22	0.74	43.24
3.86	11.15	47.28	0.84	9.02	454.72	0.72	43.21
3.875	11.15	47.29	0.8	9.03	336.58	0.69	43.22
3.911	11.14	47.29	0.65	9.03	440.4	0.72	43.23
3.953	11.15	47.3	0.72	9.04	425.45	0.81	43.23
3.965	11.17	47.29	0.76	9.05	363.92	0.67	43.19
3.99	11.16	47.3	0.84	9.05	396.32	0.77	43.21
4.034	11.16	47.31	0.8	9.05	398.91	0.79	43.23
4.071	11.17	47.31	0.69	9.05	353.78	0.88	43.22
4.073	11.18	47.3	0.88	9.07	355.42	0.9	43.19
4.083	11.18	47.3	0.72	9.07	332.86	0.91	43.2
4.116	11.17	47.31	0.84	9.08	288.97	0.85	43.22
4.156	11.17	47.32	0.72	9.08	329.63	0.96	43.23
4.175	11.19	47.32	0.8	9.06	437.35	1.05	43.2
4.184	11.18	47.32	0.72	9.06	325.23	1.11	43.21
4.218	11.17	47.33	0.69	9.06	352.22	1.1	43.23
4.257	11.17	47.33	0.8	9.06	310.57	1.24	43.24
4.261	11.18	47.33	0.92	9.04	299.54	1.22	43.22
4.287	11.18	47.33	0.76	9.04	310.5	1.13	43.23
4.328	11.17	47.34	0.88	9.02	386.35	0.94	43.24
4.361	11.18	47.34	0.8	9.02	303.1	0.98	43.23
4.37	11.23	47.34	0.72	9.0	340.34	0.96	43.18
4.381	11.22	47.34	0.8	8.98	299.75	0.95	43.18
4.406	11.21	47.34	0.76	8.95	344.31	0.95	43.2
4.439	11.2	47.35	0.8	8.92	350.19	0.95	43.21
4.464	11.21	47.35	0.84	8.87	341.53	0.95	43.2
4.475	11.23	47.34	0.69	8.81	329.63	0.98	43.17
4.476	11.24	47.34	0.84	8.77	372.02	0.96	43.16

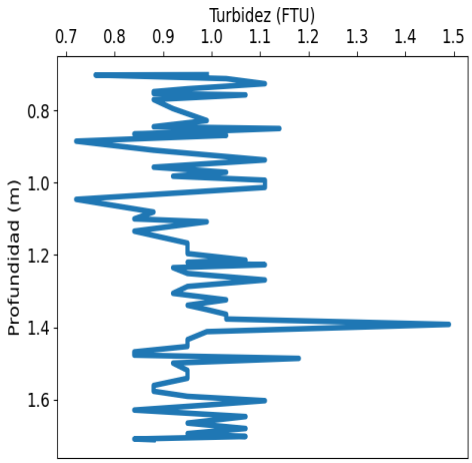
4.478	11.24	47.34	0.69	8.73	344.95	0.93	43.16
4.489	11.25	47.34	0.84	8.71	333.86	0.98	43.16
4.514	11.24	47.35	0.8	8.69	333.47	0.99	43.16
4.548	11.24	47.36	0.76	8.67	329.94	0.94	43.18
4.573	11.26	47.36	0.76	8.67	360.9	0.96	43.16
4.585	11.29	47.35	0.76	8.67	334.25	0.94	43.12
4.587	11.29	47.35	0.92	8.68	338.69	0.96	43.11
4.59	11.3	47.35	0.69	8.68	347.2	0.95	43.1
4.603	11.3	47.35	0.88	8.69	314.92	1.01	43.1
4.627	11.3	47.36	0.69	8.69	361.74	0.98	43.12
4.653	11.3	47.37	0.76	8.7	318.81	0.89	43.13
4.673	11.3	47.37	0.8	8.71	345.99	0.91	43.12
4.684	11.31	47.36	0.8	8.71	328.26	0.89	43.1
4.693	11.31	47.36	0.92	8.72	408.07	0.9	43.09
4.704	11.32	47.36	0.84	8.73	413.78	0.95	43.09
4.723	11.32	47.37	0.95	8.73	335.96	0.97	43.1
4.749	11.34	47.39	0.88	8.74	313.39	0.95	43.1
4.77	11.37	47.4	0.8	8.74	343.36	0.92	43.07
4.782	11.39	47.38	0.88	8.74	329.71	0.93	43.02
4.787	11.4	47.37	0.99	8.74	347.04	0.95	43.0
4.793	11.4	47.37	0.88	8.74	346.55	0.92	43.0
4.807	11.41	47.38	0.84	8.73	373.23	0.92	43.0
4.83	11.42	47.41	0.88	8.72	333.01	0.95	43.03
4.859	11.43	47.47	0.88	8.71	306.78	0.92	43.07
4.883	11.45	47.49	0.92	8.7	346.23	0.92	43.07
4.892	11.47	47.4	0.8	8.71	345.75	0.86	42.95
4.908	11.46	47.45	0.88	8.72	335.33	0.85	43.02
4.933	11.45	47.52	0.92	8.71	417.25	0.85	43.1
4.949	11.45	47.48	0.92	8.73	341.61	0.86	43.05
4.952	11.45	47.45	0.92	8.73	356.99	0.89	43.03

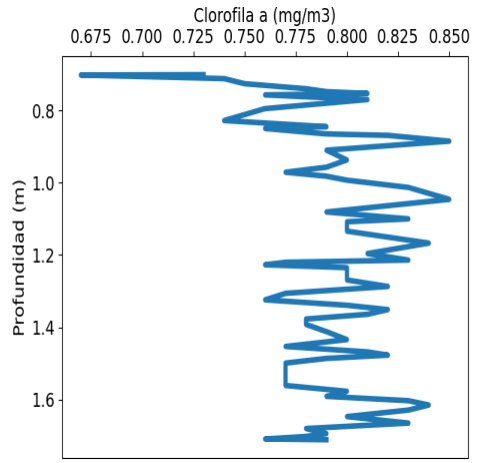
Nombre: CTD E09 - Punto 020 **Fecha: 20/01/2025** **Hora: 11:01:24**

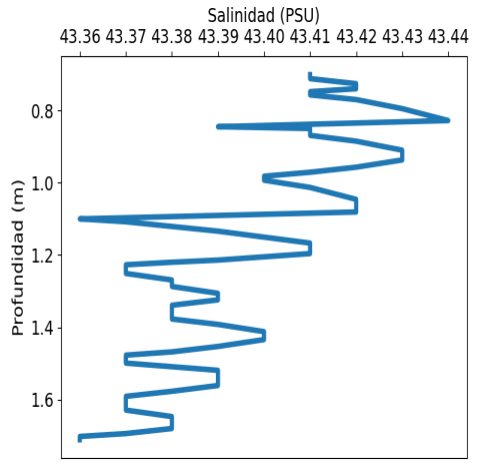


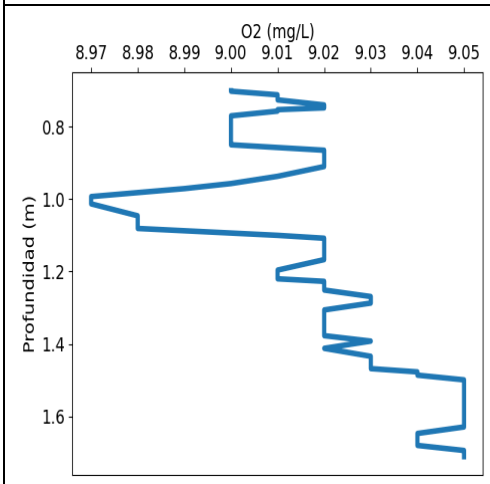


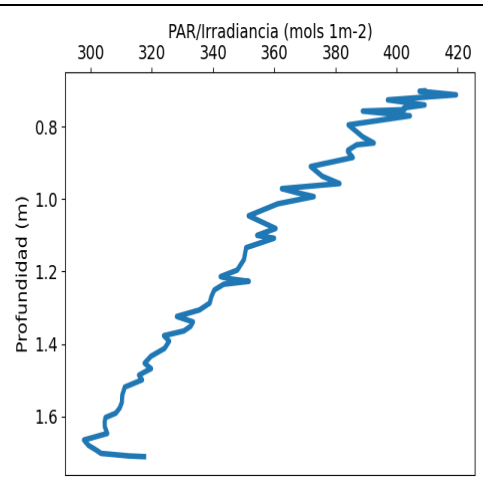












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.08	47.4	0.72	8.97	297.81	0.67	43.36
PROF (metros)	0.701	0.701	0.885	0.993	1.665	0.702	1.1
MÁXIMO	11.19	11.19	1.49	9.05	419.48	0.85	43.44
PROF (metros)	1.591	1.167	1.392	1.499	0.712	0.885	0.828

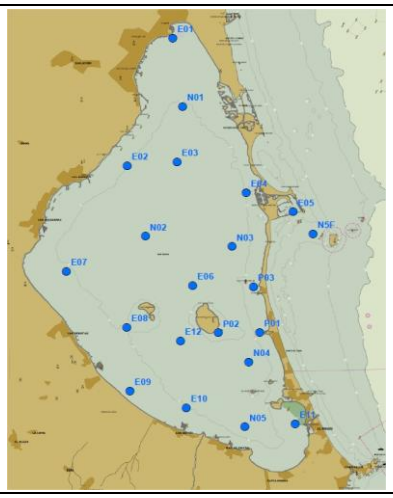
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	11.1	47.42	0.95	9.0	389.98	0.78	43.41
1 - 2m	11.17	47.47	0.97	9.03	326.85	0.8	43.38

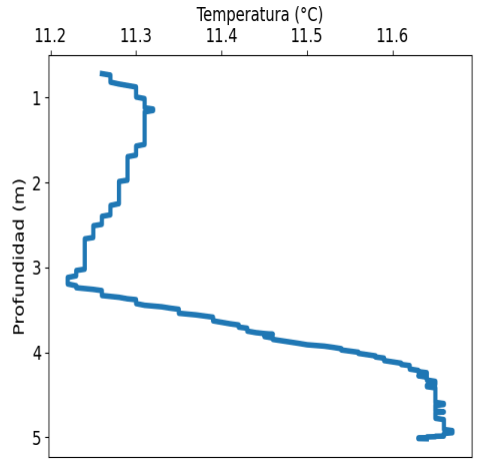
OBSERVACIONES GENERALES

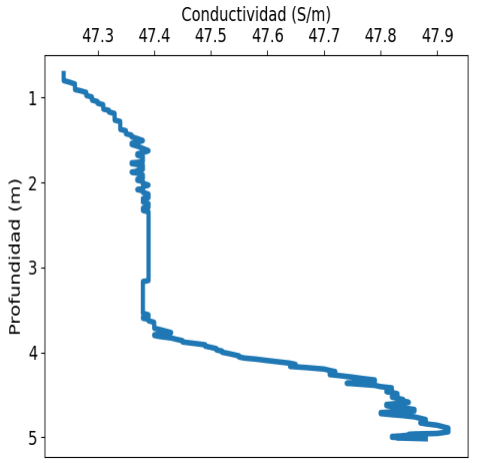
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	11.08	47.4	0.99	9.0	409.11	0.73	43.41
0.702	11.08	47.4	0.76	9.0	407.5	0.67	43.41
0.712	11.08	47.4	1.03	9.01	419.48	0.74	43.41
0.726	11.08	47.4	1.11	9.01	397.15	0.75	43.42
0.74	11.08	47.41	0.95	9.02	409.21	0.78	43.42
0.748	11.09	47.4	0.88	9.02	402.43	0.79	43.41
0.753	11.09	47.4	0.88	9.01	402.62	0.81	43.41
0.757	11.09	47.4	1.07	9.01	388.95	0.76	43.41
0.77	11.09	47.41	0.88	9.0	404.4	0.81	43.42
0.795	11.09	47.43	0.92	9.0	384.29	0.76	43.43
0.828	11.1	47.44	0.99	9.0	388.95	0.74	43.44
0.845	11.11	47.42	0.88	9.0	392.58	0.79	43.39
0.85	11.11	47.42	1.14	9.0	386.98	0.76	43.41
0.865	11.1	47.42	0.84	9.02	384.12	0.79	43.41
0.869	11.1	47.42	1.03	9.02	384.12	0.82	43.41
0.885	11.1	47.43	0.72	9.02	385.72	0.85	43.42
0.91	11.11	47.44	0.88	9.02	371.94	0.79	43.43
0.937	11.11	47.45	1.11	9.01	375.75	0.8	43.43
0.957	11.12	47.45	0.88	9.0	381.37	0.79	43.42
0.971	11.13	47.44	1.03	8.99	362.49	0.77	43.41
0.982	11.13	47.44	0.92	8.98	367.4	0.79	43.4
0.993	11.13	47.44	1.11	8.97	372.97	0.8	43.4
1.013	11.13	47.45	1.11	8.97	361.15	0.83	43.41
1.046	11.14	47.47	0.72	8.98	351.65	0.85	43.42
1.081	11.15	47.48	0.88	8.98	360.48	0.79	43.42
1.1	11.17	47.44	0.84	9.01	354.43	0.83	43.36
1.108	11.16	47.45	0.99	9.02	359.98	0.8	43.37
1.134	11.16	47.47	0.84	9.02	350.84	0.8	43.39
1.167	11.16	47.49	0.95	9.02	350.11	0.84	43.41
1.196	11.16	47.49	0.95	9.01	347.92	0.81	43.41
1.214	11.16	47.47	1.07	9.01	342.48	0.83	43.39
1.22	11.16	47.46	0.95	9.01	345.43	0.77	43.38
1.227	11.16	47.46	1.11	9.02	351.73	0.76	43.37
1.235	11.17	47.45	0.92	9.02	343.51	0.8	43.37
1.251	11.17	47.46	0.95	9.02	340.42	0.8	43.37
1.269	11.17	47.46	1.11	9.03	339.48	0.8	43.38
1.287	11.17	47.47	0.95	9.03	338.93	0.82	43.38
1.306	11.17	47.47	0.92	9.02	335.57	0.77	43.39
1.324	11.17	47.47	1.03	9.02	328.18	0.76	43.39
1.339	11.17	47.47	0.95	9.02	333.47	0.8	43.38

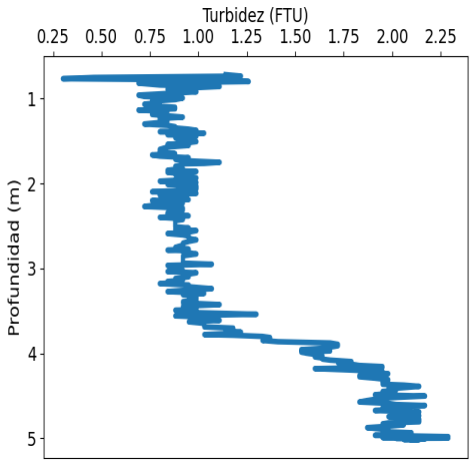
1.351	11.17	47.46	0.99	9.02	332.7	0.82	43.38
1.364	11.17	47.46	1.03	9.02	330.47	0.81	43.38
1.377	11.17	47.46	1.03	9.02	323.95	0.78	43.38
1.392	11.16	47.47	1.49	9.03	325.68	0.78	43.39
1.412	11.17	47.48	0.99	9.02	324.18	0.79	43.4
1.434	11.17	47.49	0.95	9.03	319.7	0.8	43.4
1.453	11.17	47.48	0.95	9.03	317.63	0.77	43.39
1.468	11.18	47.48	0.84	9.03	319.77	0.81	43.38
1.477	11.18	47.47	0.84	9.04	317.7	0.82	43.37
1.486	11.18	47.47	1.18	9.04	315.8	0.79	43.37
1.499	11.18	47.47	0.92	9.05	316.82	0.77	43.37
1.519	11.18	47.48	0.95	9.05	311.15	0.77	43.39
1.541	11.18	47.49	0.95	9.05	310.35	0.77	43.39
1.561	11.18	47.49	0.88	9.05	310.21	0.77	43.39
1.577	11.18	47.49	0.88	9.05	309.49	0.8	43.38
1.591	11.18	47.48	0.95	9.05	308.2	0.79	43.37
1.603	11.18	47.47	1.11	9.05	304.86	0.83	43.37
1.615	11.18	47.47	0.99	9.05	304.58	0.84	43.37
1.629	11.18	47.48	0.84	9.05	304.65	0.83	43.37
1.647	11.18	47.49	1.07	9.04	305.43	0.8	43.38
1.665	11.18	47.49	0.95	9.04	297.81	0.83	43.38
1.68	11.18	47.49	1.07	9.04	299.33	0.78	43.38
1.694	11.19	47.48	0.95	9.05	302.05	0.79	43.37
1.702	11.19	47.47	1.07	9.05	303.38	0.78	43.36
1.709	11.19	47.47	0.84	9.05	312.37	0.76	43.36
1.711	11.18	47.47	0.88	9.05	317.48	0.79	43.36

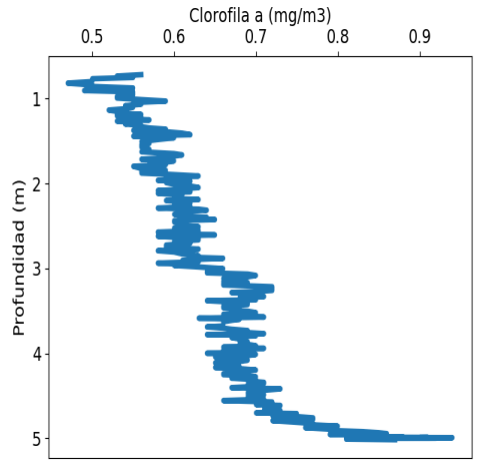
Nombre: CTD E08 - Punto 021 **Fecha: 20/01/2025** **Hora: 12:01:06**

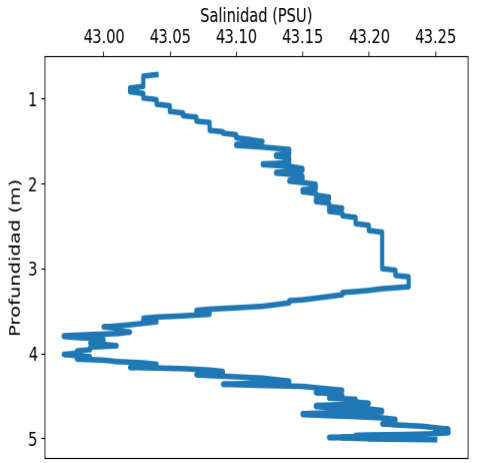


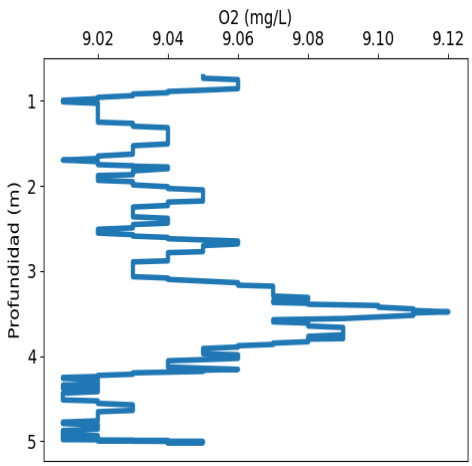


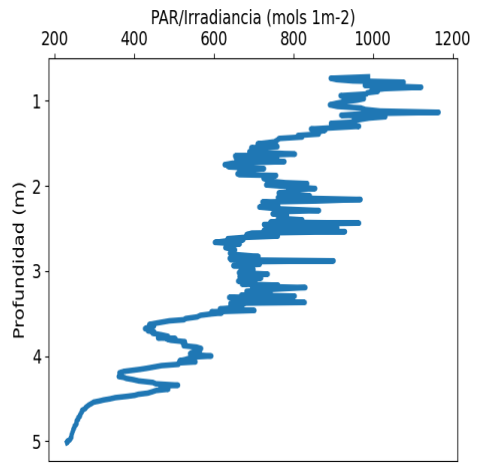


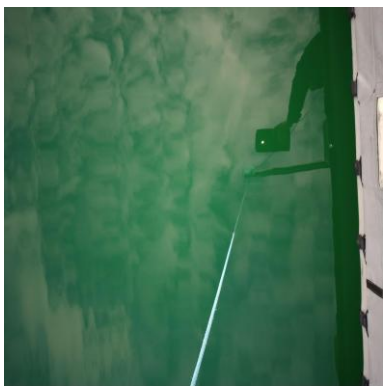












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	11.22	47.24	0.3	9.01	231.16	0.47	42.97
PROF (metros)	3.119	0.719	0.767	0.994	5.016	0.819	3.794
MÁXIMO	11.67	11.67	2.29	9.12	1164.7	0.94	43.26
PROF (metros)	4.922	4.893	4.981	3.48	1.136	4.993	4.893

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	11.28	47.26	0.88	9.05	984.05	0.52	43.03
1 - 2m	11.3	47.35	0.87	9.03	810.76	0.57	43.1
2 - 3m	11.26	47.39	0.9	9.04	739.98	0.61	43.19
3 - 4m	11.36	47.41	1.11	9.07	592.36	0.68	43.09
4 - 5m	11.64	47.79	1.98	9.02	329.37	0.75	43.15
5 - 6m	11.64	47.84	2.1	9.04	231.93	0.85	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)
0.719	11.26	47.24	1.14	9.05	987.29	0.56	43.04
0.736	11.27	47.24	1.22	9.05	893.02	0.53	43.03
0.752	11.27	47.24	0.46	9.06	908.26	0.55	43.03
0.767	11.27	47.24	0.3	9.06	948.71	0.5	43.03
0.782	11.27	47.24	1.11	9.06	1076.9	0.5	43.03
0.8	11.27	47.24	1.26	9.06	1030.5	0.5	43.03
0.819	11.27	47.25	0.69	9.06	978.63	0.47	43.03
0.841	11.28	47.26	0.8	9.06	1121.0	0.5	43.03
0.858	11.29	47.26	1.11	9.06	1028.9	0.5	43.03
0.876	11.3	47.26	0.95	9.05	995.33	0.55	43.02
0.891	11.3	47.26	0.84	9.04	1011.8	0.54	43.02
0.906	11.3	47.26	0.92	9.04	985.46	0.49	43.02
0.921	11.3	47.27	0.99	9.03	983.18	0.55	43.02
0.94	11.3	47.28	0.84	9.03	917.78	0.55	43.03
0.96	11.3	47.28	0.69	9.02	926.76	0.55	43.03
0.976	11.3	47.28	0.72	9.02	977.05	0.53	43.03
0.994	11.3	47.29	0.92	9.01	958.21	0.53	43.03
1.013	11.31	47.29	0.88	9.01	926.76	0.56	43.04
1.03	11.31	47.29	0.76	9.02	907.41	0.59	43.04
1.048	11.31	47.3	0.8	9.02	890.95	0.55	43.04
1.067	11.31	47.3	0.72	9.02	910.36	0.56	43.04
1.085	11.31	47.31	0.76	9.02	968.93	0.54	43.05
1.103	11.31	47.31	0.88	9.02	980.22	0.55	43.05
1.121	11.31	47.31	0.88	9.02	1017.5	0.54	43.05
1.136	11.32	47.31	0.69	9.02	1164.7	0.52	43.05
1.152	11.32	47.32	0.84	9.02	974.79	0.53	43.05
1.17	11.31	47.32	0.8	9.02	919.48	0.53	43.06
1.188	11.31	47.33	0.76	9.02	1030.8	0.56	43.06
1.203	11.31	47.33	0.84	9.02	989.81	0.53	43.06
1.219	11.31	47.33	0.92	9.02	968.93	0.56	43.07
1.237	11.31	47.33	0.8	9.02	949.59	0.54	43.07
1.252	11.31	47.33	0.84	9.02	948.05	0.57	43.07
1.266	11.31	47.33	0.84	9.03	893.64	0.53	43.07
1.282	11.31	47.34	0.8	9.03	943.23	0.55	43.08
1.3	11.31	47.34	0.72	9.03	964.9	0.54	43.08
1.316	11.31	47.34	0.84	9.04	903.43	0.56	43.08

1.332	11.31	47.34	0.88	9.04	843.53	0.56	43.08
1.347	11.31	47.34	0.88	9.04	879.67	0.57	43.08
1.361	11.31	47.34	0.95	9.04	865.71	0.59	43.08
1.375	11.31	47.34	0.99	9.04	860.31	0.55	43.08
1.391	11.31	47.35	0.8	9.04	863.51	0.59	43.09
1.408	11.31	47.35	1.03	9.04	810.75	0.61	43.09
1.426	11.31	47.35	0.84	9.04	821.91	0.62	43.1
1.443	11.31	47.36	0.99	9.04	763.69	0.55	43.1
1.462	11.31	47.36	0.88	9.04	759.45	0.6	43.1
1.483	11.31	47.37	0.92	9.04	751.75	0.58	43.11
1.507	11.31	47.38	0.99	9.04	709.59	0.56	43.12
1.528	11.31	47.37	0.92	9.03	758.04	0.57	43.11
1.54	11.31	47.36	0.84	9.03	759.98	0.56	43.1
1.552	11.31	47.36	0.95	9.03	693.49	0.56	43.1
1.572	11.3	47.37	0.84	9.03	709.26	0.56	43.12
1.599	11.3	47.38	0.8	9.03	688.69	0.57	43.14
1.627	11.3	47.39	0.8	9.03	803.82	0.56	43.14
1.649	11.3	47.38	0.88	9.02	652.94	0.6	43.14
1.664	11.3	47.37	0.76	9.02	759.28	0.61	43.13
1.678	11.3	47.37	0.8	9.02	655.36	0.6	43.13
1.697	11.29	47.38	0.95	9.01	715.37	0.59	43.14
1.715	11.29	47.38	0.88	9.02	777.44	0.56	43.14
1.734	11.29	47.38	0.95	9.02	646.61	0.6	43.14
1.751	11.29	47.38	1.11	9.02	626.69	0.59	43.14
1.764	11.29	47.37	1.03	9.03	686.14	0.57	43.13
1.769	11.29	47.36	0.92	9.03	634.44	0.57	43.12
1.778	11.29	47.36	0.92	9.04	640.2	0.59	43.12
1.798	11.29	47.38	0.88	9.04	726.23	0.55	43.14
1.824	11.29	47.38	0.92	9.03	663.31	0.56	43.15
1.845	11.29	47.38	0.84	9.03	691.73	0.59	43.15
1.859	11.29	47.37	0.99	9.03	658.86	0.56	43.14
1.869	11.29	47.37	0.84	9.03	664.23	0.56	43.13
1.878	11.29	47.36	0.88	9.02	756.64	0.56	43.13
1.891	11.29	47.37	0.88	9.02	725.89	0.59	43.14
1.912	11.29	47.38	0.95	9.02	724.21	0.63	43.15
1.935	11.29	47.38	0.99	9.02	735.2	0.59	43.15
1.951	11.29	47.38	0.88	9.03	752.27	0.6	43.15
1.963	11.29	47.37	0.88	9.03	779.42	0.58	43.14
1.973	11.29	47.37	0.8	9.03	834.58	0.62	43.14
1.989	11.28	47.38	0.99	9.03	730.96	0.59	43.15
2.01	11.28	47.38	0.84	9.04	789.24	0.6	43.16
2.031	11.28	47.39	0.99	9.04	854.74	0.62	43.16
2.048	11.28	47.38	0.99	9.05	791.07	0.63	43.16
2.063	11.28	47.38	0.99	9.05	785.77	0.61	43.16
2.074	11.28	47.38	0.92	9.05	788.33	0.6	43.15
2.084	11.28	47.37	0.88	9.05	762.45	0.58	43.15
2.098	11.28	47.38	0.76	9.05	791.81	0.62	43.15
2.116	11.28	47.38	0.99	9.05	841.18	0.58	43.16
2.138	11.28	47.39	0.8	9.05	760.33	0.61	43.16
2.16	11.28	47.39	0.84	9.05	968.71	0.6	43.17
2.178	11.28	47.39	0.88	9.05	855.93	0.6	43.17
2.19	11.28	47.38	0.95	9.04	721.53	0.63	43.16
2.201	11.28	47.38	0.76	9.04	753.66	0.59	43.16
2.214	11.28	47.38	0.8	9.04	726.4	0.61	43.16
2.23	11.28	47.38	0.92	9.04	761.74	0.62	43.17
2.249	11.28	47.39	0.8	9.03	713.88	0.6	43.17
2.271	11.27	47.39	0.72	9.03	766.17	0.62	43.17
2.29	11.27	47.39	0.92	9.03	864.31	0.58	43.18

2.303	11.27	47.38	0.88	9.03	769.02	0.63	43.17
2.315	11.27	47.38	0.92	9.03	757.69	0.64	43.17
2.329	11.27	47.38	0.88	9.03	747.06	0.61	43.17
2.346	11.27	47.39	0.84	9.03	783.95	0.62	43.18
2.363	11.27	47.39	0.84	9.03	773.66	0.6	43.18
2.381	11.27	47.39	0.95	9.04	760.86	0.61	43.18
2.399	11.26	47.39	0.8	9.04	822.1	0.64	43.19
2.415	11.26	47.39	0.92	9.04	767.77	0.62	43.19
2.425	11.26	47.39	0.92	9.04	741.88	0.65	43.19
2.438	11.26	47.39	0.88	9.04	964.9	0.6	43.19
2.454	11.26	47.39	0.88	9.03	725.39	0.6	43.19
2.473	11.26	47.39	0.88	9.03	730.45	0.61	43.19
2.493	11.26	47.39	0.88	9.03	910.15	0.61	43.2
2.51	11.25	47.39	0.88	9.02	748.96	0.63	43.2
2.524	11.25	47.39	0.95	9.02	724.88	0.6	43.2
2.538	11.25	47.39	0.88	9.02	929.55	0.6	43.2
2.555	11.25	47.39	0.99	9.02	695.26	0.63	43.2
2.573	11.25	47.39	0.95	9.03	681.7	0.58	43.21
2.59	11.25	47.39	0.84	9.03	760.86	0.6	43.21
2.606	11.25	47.39	0.92	9.04	674.31	0.65	43.21
2.621	11.25	47.39	0.95	9.04	634.29	0.58	43.21
2.634	11.25	47.39	0.95	9.05	674.0	0.6	43.21
2.648	11.25	47.39	0.95	9.06	629.75	0.63	43.21
2.664	11.24	47.39	0.99	9.06	602.2	0.63	43.21
2.682	11.24	47.39	0.95	9.06	665.31	0.6	43.21
2.702	11.24	47.39	0.92	9.05	636.94	0.62	43.21
2.726	11.24	47.39	0.92	9.05	628.44	0.59	43.21
2.753	11.24	47.39	0.88	9.05	653.54	0.59	43.21
2.773	11.24	47.39	0.95	9.05	642.58	0.63	43.21
2.785	11.24	47.39	0.84	9.04	645.71	0.62	43.21
2.792	11.24	47.39	0.95	9.04	639.9	0.58	43.21
2.807	11.24	47.39	0.92	9.04	653.39	0.6	43.21
2.83	11.24	47.39	0.99	9.04	712.39	0.61	43.21
2.852	11.24	47.39	0.92	9.04	639.31	0.63	43.21
2.869	11.24	47.39	0.92	9.04	642.43	0.62	43.21
2.881	11.24	47.39	0.92	9.04	900.92	0.66	43.21
2.893	11.24	47.39	0.92	9.03	661.16	0.63	43.21
2.906	11.24	47.39	0.92	9.03	670.57	0.61	43.21
2.922	11.24	47.39	0.92	9.03	715.2	0.63	43.21
2.938	11.24	47.39	0.92	9.03	648.41	0.58	43.21
2.951	11.24	47.39	1.07	9.03	689.65	0.61	43.21
2.965	11.24	47.39	0.84	9.03	685.03	0.6	43.21
2.983	11.24	47.39	0.88	9.03	699.79	0.63	43.21
3.003	11.24	47.39	0.88	9.03	666.24	0.66	43.21
3.021	11.24	47.39	0.92	9.03	662.54	0.65	43.22
3.037	11.23	47.39	0.84	9.03	735.54	0.64	43.22
3.052	11.23	47.39	0.99	9.03	667.94	0.64	43.22
3.067	11.23	47.39	0.95	9.03	664.08	0.69	43.22
3.083	11.23	47.39	0.92	9.04	719.03	0.7	43.22
3.099	11.23	47.39	0.95	9.04	677.29	0.69	43.23
3.119	11.22	47.39	0.88	9.05	660.55	0.66	43.23
3.138	11.22	47.39	0.92	9.06	705.0	0.68	43.23
3.154	11.22	47.39	0.84	9.06	670.11	0.66	43.23
3.167	11.22	47.38	0.88	9.06	761.57	0.69	43.23
3.179	11.22	47.38	0.8	9.07	694.94	0.66	43.23
3.195	11.22	47.38	0.95	9.07	830.14	0.66	43.23
3.216	11.23	47.38	0.95	9.07	745.33	0.72	43.23
3.239	11.23	47.38	1.07	9.07	681.54	0.72	43.21

3.259	11.25	47.38	0.92	9.07	684.55	0.72	43.2
3.273	11.26	47.38	0.84	9.07	743.6	0.7	43.19
3.284	11.26	47.38	0.95	9.07	668.4	0.67	43.18
3.295	11.26	47.38	1.03	9.07	803.27	0.7	43.18
3.311	11.26	47.38	0.92	9.08	637.98	0.68	43.18
3.331	11.26	47.38	0.99	9.08	712.72	0.71	43.17
3.352	11.28	47.38	0.99	9.07	657.95	0.68	43.16
3.37	11.29	47.38	0.95	9.07	828.41	0.7	43.15
3.38	11.3	47.38	0.99	9.08	641.24	0.64	43.14
3.391	11.3	47.38	0.92	9.08	674.94	0.66	43.14
3.406	11.3	47.38	0.92	9.1	641.98	0.69	43.14
3.426	11.3	47.38	1.11	9.1	664.85	0.69	43.13
3.446	11.31	47.38	0.92	9.11	614.75	0.66	43.12
3.464	11.33	47.38	0.92	9.11	702.06	0.66	43.1
3.48	11.34	47.38	0.99	9.12	593.61	0.68	43.08
3.493	11.35	47.38	0.88	9.11	620.05	0.67	43.07
3.504	11.35	47.38	0.99	9.11	594.71	0.69	43.07
3.521	11.35	47.38	0.99	9.11	566.33	0.7	43.08
3.54	11.35	47.38	1.3	9.1	557.99	0.66	43.08
3.559	11.37	47.39	0.88	9.09	528.9	0.67	43.06
3.573	11.38	47.39	1.03	9.07	525.11	0.71	43.04
3.586	11.39	47.38	0.99	9.07	488.25	0.63	43.03
3.598	11.39	47.38	1.03	9.07	473.54	0.68	43.03
3.612	11.39	47.39	1.11	9.08	456.51	0.67	43.03
3.629	11.39	47.39	0.95	9.08	437.45	0.66	43.04
3.647	11.4	47.4	1.03	9.08	450.0	0.66	43.03
3.664	11.41	47.4	1.03	9.09	433.42	0.66	43.02
3.678	11.42	47.4	1.03	9.09	426.64	0.66	43.01
3.689	11.42	47.4	1.03	9.09	445.85	0.64	43.0
3.703	11.42	47.4	1.18	9.09	434.02	0.66	43.01
3.716	11.43	47.4	1.18	9.09	450.42	0.67	43.01
3.732	11.43	47.41	1.14	9.09	446.05	0.69	43.01
3.75	11.43	47.42	1.22	9.09	467.76	0.68	43.02
3.768	11.44	47.43	1.14	9.08	485.21	0.71	43.01
3.779	11.45	47.42	1.03	9.08	479.17	0.64	42.99
3.787	11.46	47.41	1.18	9.09	459.38	0.69	42.98
3.794	11.45	47.4	1.26	9.09	503.54	0.7	42.97
3.801	11.45	47.4	1.33	9.08	482.4	0.68	42.97
3.814	11.45	47.41	1.37	9.08	491.77	0.67	42.98
3.831	11.46	47.43	1.37	9.08	527.55	0.68	43.0
3.848	11.46	47.44	1.33	9.07	521.71	0.68	43.0
3.863	11.47	47.45	1.41	9.07	529.14	0.69	43.0
3.878	11.48	47.45	1.68	9.06	523.65	0.68	42.99
3.894	11.49	47.47	1.72	9.06	555.92	0.69	43.0
3.911	11.5	47.49	1.72	9.05	568.3	0.7	43.01
3.927	11.52	47.49	1.68	9.05	556.69	0.66	42.99
3.941	11.53	47.5	1.64	9.05	565.28	0.71	42.99
3.957	11.54	47.51	1.53	9.05	544.95	0.66	42.99
3.972	11.54	47.51	1.68	9.05	539.8	0.68	42.98
3.985	11.55	47.52	1.53	9.06	552.2	0.69	42.98
3.999	11.56	47.52	1.56	9.06	593.88	0.64	42.98
4.012	11.56	47.53	1.6	9.06	545.83	0.7	42.97
4.027	11.57	47.54	1.64	9.06	537.3	0.69	42.98
4.042	11.58	47.55	1.6	9.05	526.94	0.65	42.99
4.055	11.58	47.55	1.64	9.04	513.56	0.66	42.98
4.068	11.59	47.56	1.64	9.04	554.12	0.66	42.98
4.08	11.59	47.58	1.68	9.04	511.42	0.69	43.0
4.097	11.59	47.6	1.79	9.04	511.06	0.68	43.01

4.112	11.6	47.62	1.72	9.04	468.41	0.65	43.03
4.128	11.61	47.64	1.79	9.04	449.58	0.67	43.04
4.143	11.61	47.65	1.83	9.05	431.81	0.66	43.04
4.156	11.62	47.64	1.95	9.06	414.17	0.68	43.03
4.166	11.62	47.64	1.95	9.05	397.89	0.65	43.02
4.18	11.62	47.67	1.6	9.05	374.01	0.68	43.06
4.197	11.62	47.7	1.79	9.03	362.49	0.7	43.08
4.213	11.63	47.71	1.95	9.03	367.23	0.67	43.09
4.227	11.63	47.72	1.91	9.02	366.12	0.68	43.09
4.24	11.64	47.72	1.98	9.02	360.73	0.66	43.09
4.251	11.64	47.71	1.87	9.01	374.19	0.66	43.07
4.262	11.64	47.71	1.83	9.01	379.6	0.69	43.08
4.276	11.63	47.73	1.83	9.02	396.69	0.7	43.1
4.292	11.64	47.75	1.91	9.02	411.49	0.67	43.12
4.31	11.64	47.77	1.98	9.02	446.88	0.7	43.13
4.326	11.64	47.79	1.95	9.02	454.19	0.69	43.14
4.342	11.65	47.79	1.98	9.01	510.35	0.71	43.14
4.353	11.65	47.76	1.95	9.02	470.7	0.71	43.11
4.364	11.65	47.74	1.95	9.02	465.81	0.69	43.09
4.374	11.65	47.76	2.06	9.01	468.74	0.69	43.11
4.389	11.64	47.79	2.14	9.02	485.77	0.7	43.15
4.404	11.64	47.8	2.06	9.02	454.82	0.67	43.16
4.418	11.65	47.82	1.98	9.02	446.05	0.73	43.17
4.435	11.65	47.82	2.02	9.01	434.02	0.71	43.18
4.449	11.65	47.82	1.95	9.01	410.06	0.7	43.17
4.461	11.65	47.81	1.98	9.01	401.41	0.69	43.16
4.473	11.65	47.82	1.98	9.01	381.81	0.69	43.17
4.488	11.65	47.83	1.91	9.01	352.71	0.71	43.18
4.503	11.65	47.83	2.17	9.01	338.69	0.69	43.18
4.515	11.65	47.82	2.06	9.01	323.35	0.69	43.17
4.527	11.65	47.82	1.95	9.02	313.03	0.69	43.17
4.541	11.65	47.83	1.91	9.02	298.09	0.71	43.19
4.556	11.65	47.84	1.87	9.02	293.15	0.66	43.19
4.573	11.65	47.84	1.83	9.03	286.64	0.72	43.19
4.589	11.65	47.85	1.98	9.03	282.35	0.72	43.2
4.603	11.66	47.83	2.02	9.03	278.19	0.7	43.18
4.614	11.66	47.81	2.17	9.03	277.74	0.73	43.16
4.626	11.65	47.81	2.06	9.03	273.02	0.72	43.16
4.638	11.65	47.82	1.95	9.03	268.75	0.72	43.17
4.654	11.65	47.84	2.02	9.02	268.94	0.71	43.2
4.673	11.65	47.86	1.91	9.02	266.15	0.73	43.21
4.69	11.65	47.86	2.14	9.02	263.81	0.72	43.21
4.701	11.66	47.82	2.1	9.02	263.93	0.7	43.17
4.71	11.65	47.8	2.06	9.02	263.51	0.75	43.15
4.721	11.65	47.8	2.06	9.02	259.51	0.72	43.15
4.734	11.65	47.82	2.14	9.02	258.67	0.72	43.17
4.745	11.65	47.84	1.98	9.02	259.27	0.75	43.19
4.76	11.65	47.86	2.1	9.02	255.15	0.77	43.21
4.776	11.65	47.87	2.14	9.01	254.92	0.77	43.22
4.792	11.66	47.88	2.14	9.01	255.51	0.72	43.22
4.806	11.66	47.88	2.14	9.02	254.09	0.74	43.22
4.819	11.66	47.88	1.98	9.02	250.17	0.76	43.22
4.83	11.66	47.87	1.95	9.02	249.88	0.77	43.21
4.842	11.66	47.88	2.06	9.02	249.6	0.77	43.22
4.858	11.66	47.9	1.98	9.02	247.01	0.8	43.24
4.875	11.66	47.91	1.87	9.01	246.66	0.76	43.25
4.893	11.66	47.92	1.95	9.01	244.95	0.79	43.26
4.908	11.66	47.92	1.98	9.01	244.05	0.79	43.25

4.922	11.67	47.92	1.95	9.01	242.64	0.83	43.26
4.935	11.67	47.92	2.1	9.02	242.24	0.85	43.26
4.946	11.67	47.91	2.02	9.01	242.52	0.86	43.25
4.955	11.66	47.9	2.06	9.01	241.51	0.79	43.23
4.961	11.66	47.86	2.02	9.02	241.74	0.85	43.2
4.965	11.66	47.85	1.91	9.02	240.84	0.82	43.19
4.97	11.66	47.85	2.02	9.01	239.79	0.85	43.19
4.976	11.66	47.85	2.14	9.01	239.34	0.85	43.19
4.981	11.66	47.84	2.29	9.01	238.68	0.81	43.19
4.983	11.66	47.84	2.17	9.02	237.96	0.81	43.18
4.986	11.66	47.83	2.06	9.02	237.08	0.88	43.18
4.987	11.65	47.83	2.1	9.03	237.13	0.83	43.18
4.988	11.65	47.83	2.06	9.03	236.64	0.86	43.17
4.989	11.65	47.82	2.14	9.03	236.2	0.86	43.17
4.99	11.65	47.82	2.14	9.03	235.49	0.91	43.17
4.991	11.65	47.82	2.1	9.03	235.33	0.9	43.17
4.992	11.65	47.82	1.95	9.04	234.94	0.9	43.17
4.993	11.65	47.82	2.06	9.03	234.02	0.94	43.18
4.995	11.64	47.82	2.25	9.03	233.1	0.92	43.18
4.996	11.64	47.82	2.21	9.03	232.99	0.86	43.18
4.997	11.64	47.82	2.29	9.02	232.51	0.86	43.18
4.998	11.64	47.82	2.25	9.03	232.29	0.92	43.19
4.999	11.64	47.82	2.25	9.03	232.67	0.92	43.19
5.0	11.64	47.82	2.02	9.03	232.99	0.91	43.19
5.001	11.64	47.83	2.02	9.04	232.61	0.83	43.19
5.002	11.64	47.83	2.06	9.05	232.51	0.85	43.19
5.003	11.64	47.83	2.14	9.05	231.86	0.82	43.2
5.005	11.64	47.83	2.17	9.04	232.13	0.84	43.2
5.008	11.63	47.83	2.17	9.04	231.22	0.86	43.2
5.01	11.63	47.84	2.14	9.04	231.7	0.81	43.21
5.015	11.63	47.87	2.06	9.04	231.97	0.85	43.24
5.016	11.64	47.88	2.14	9.05	231.16	0.85	43.25
5.017	11.64	47.88	2.1	9.04	231.16	0.87	43.25