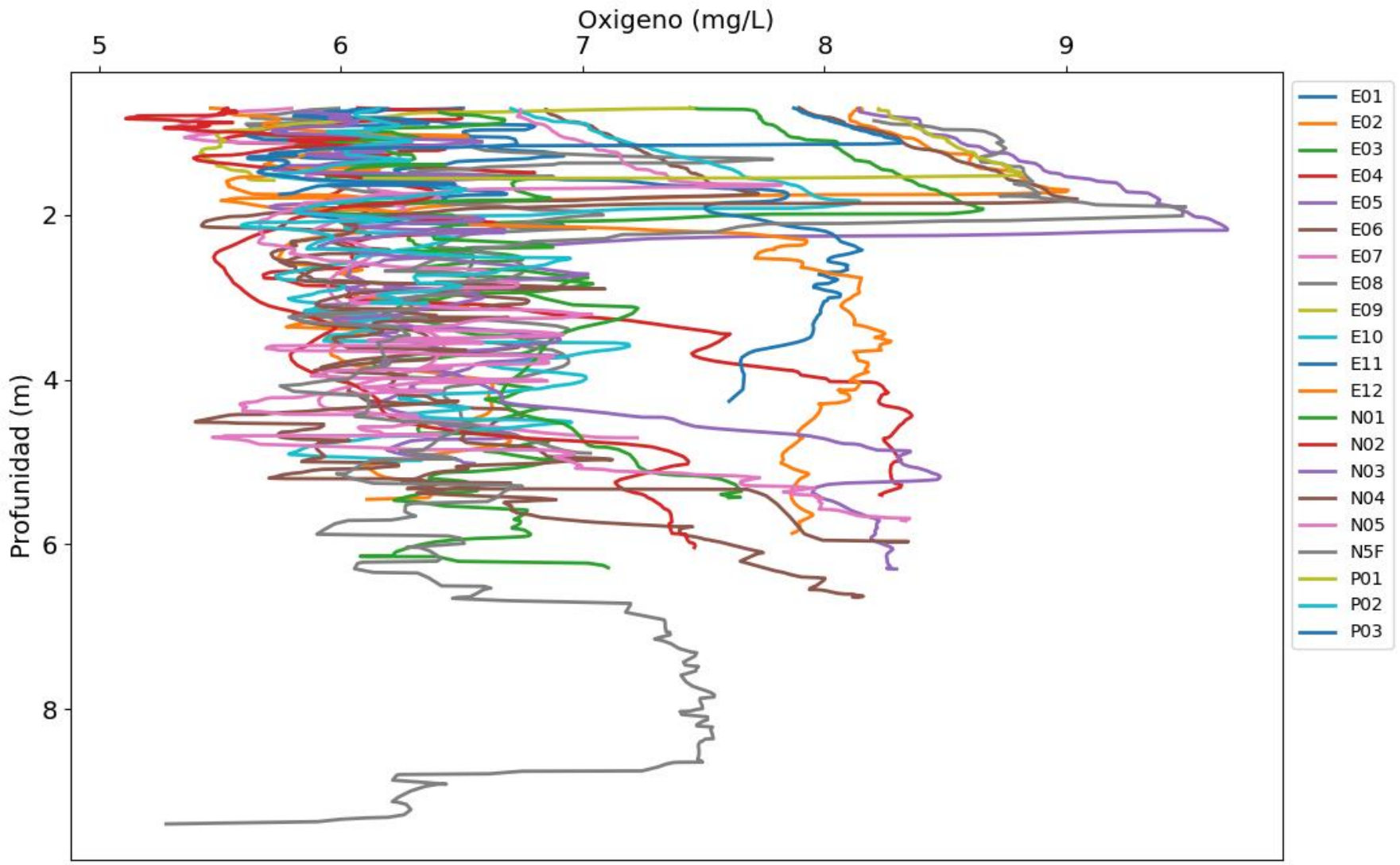
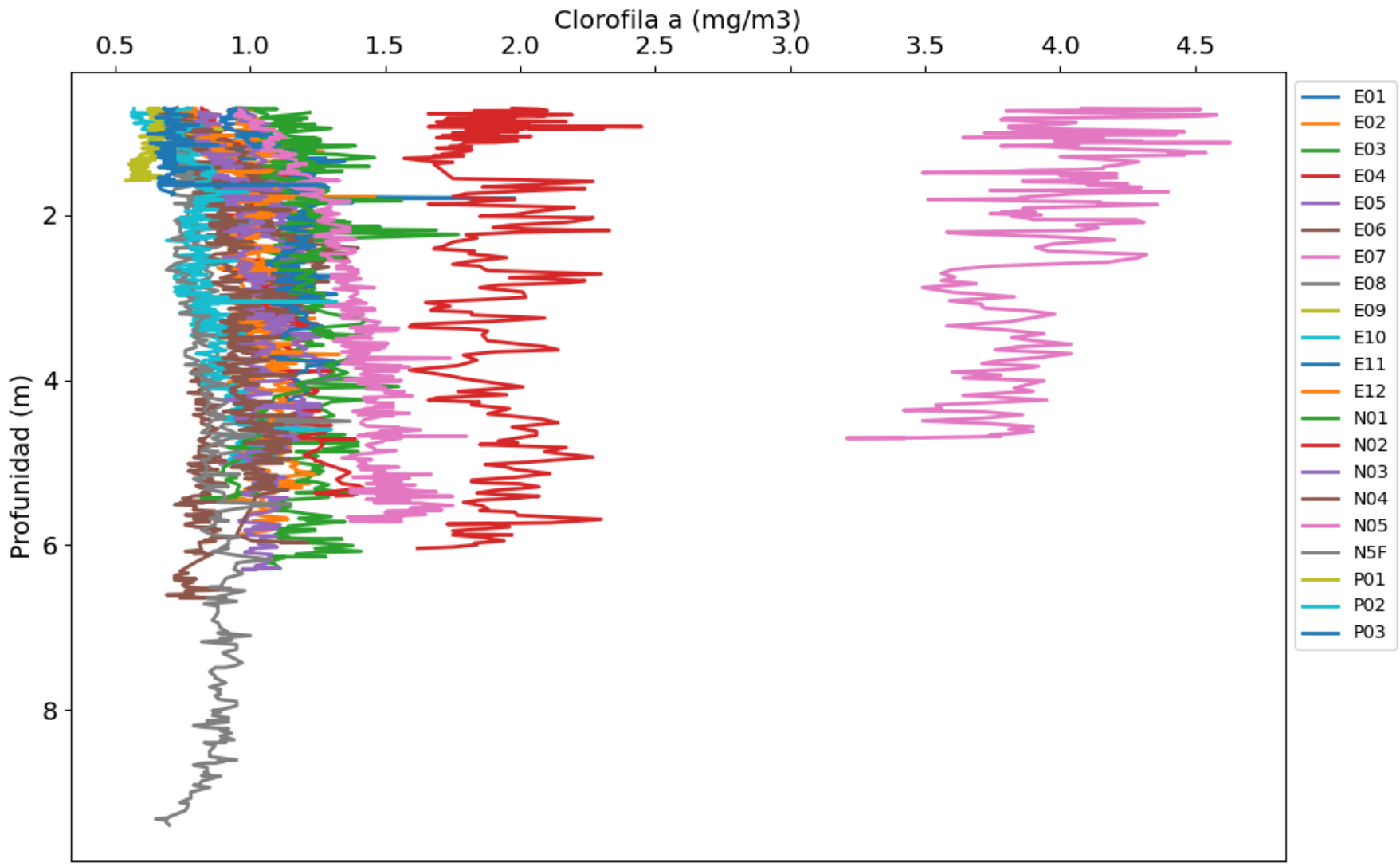
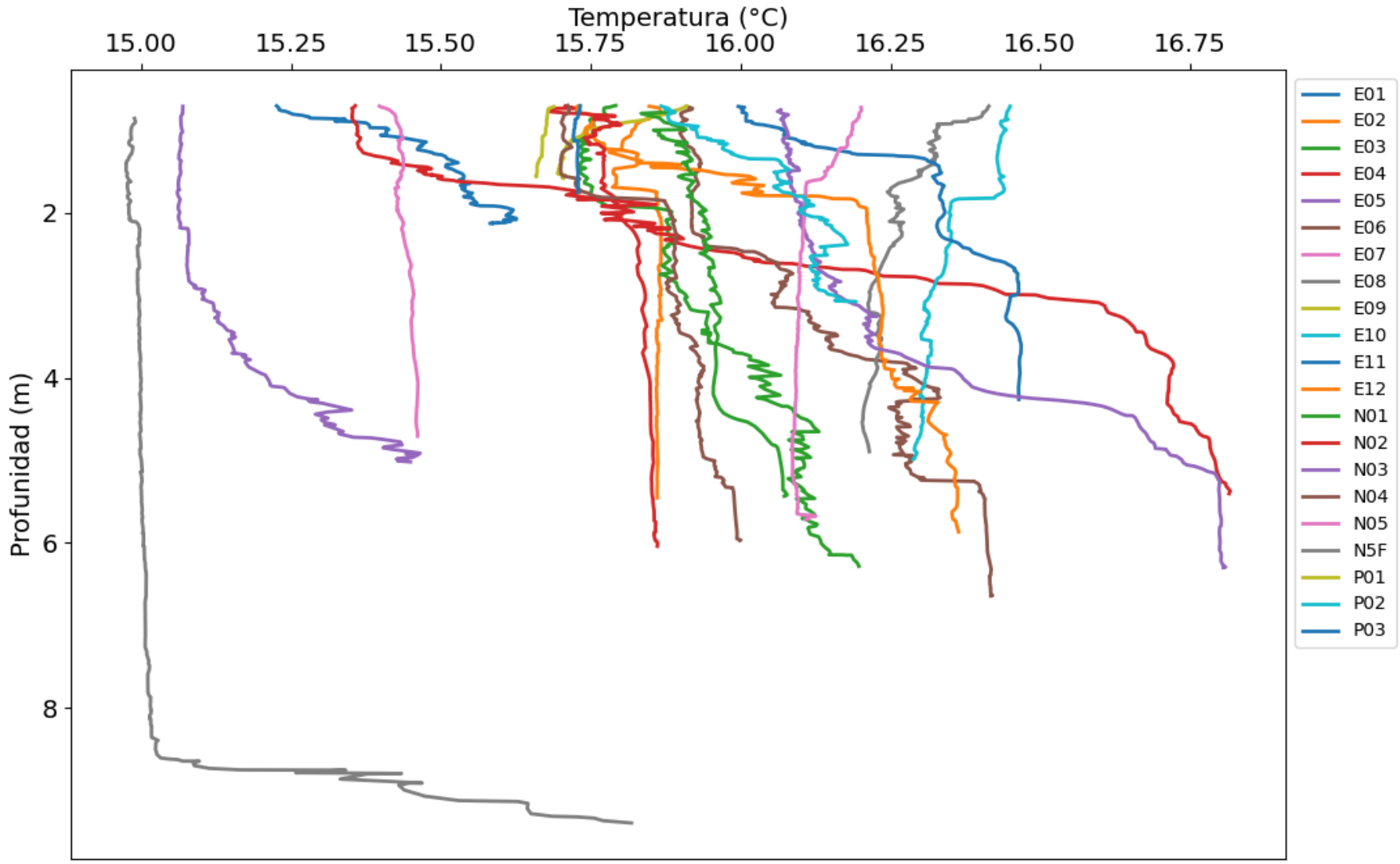
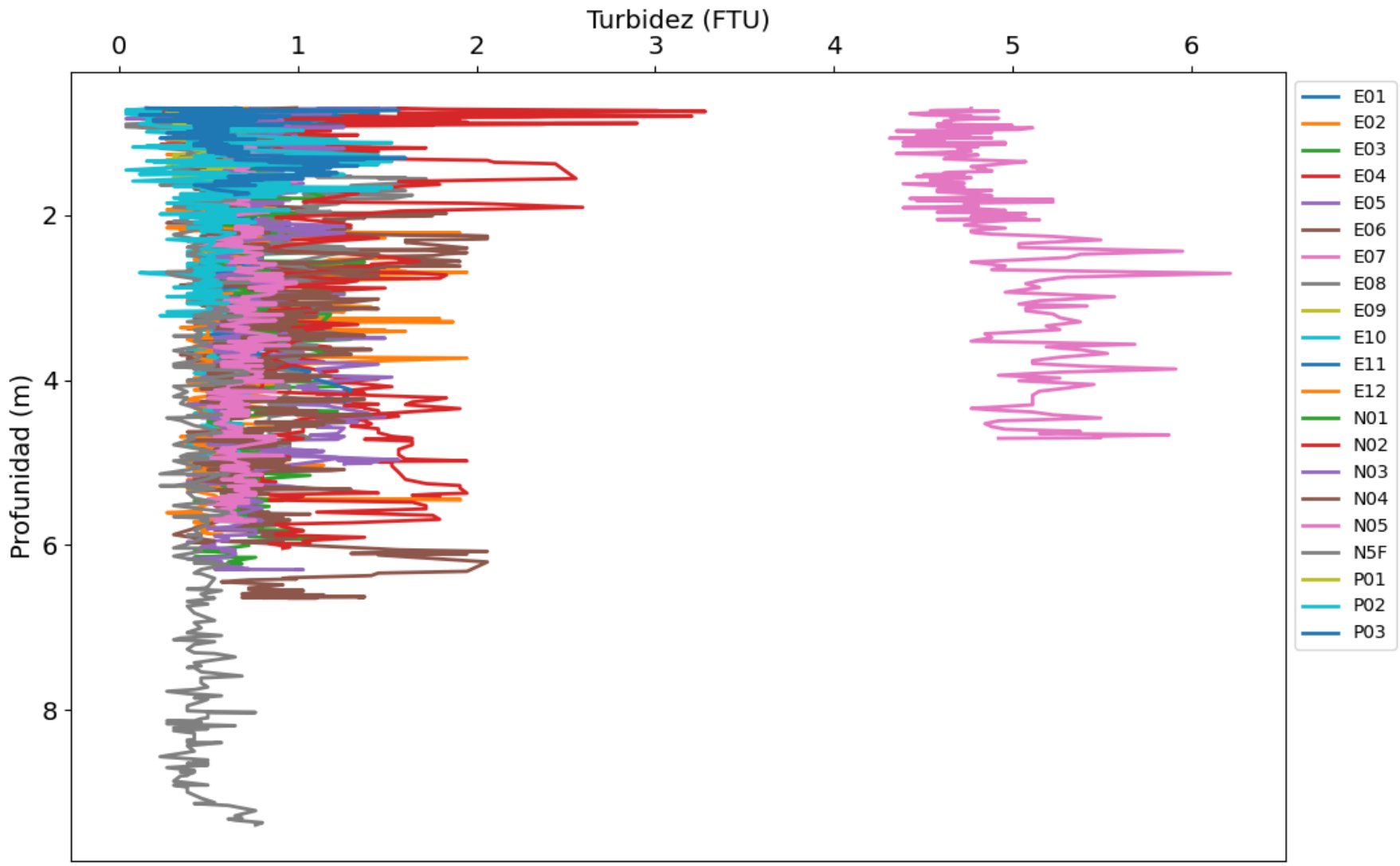
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20231128**

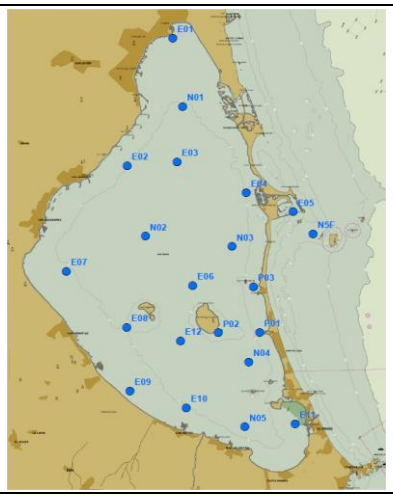


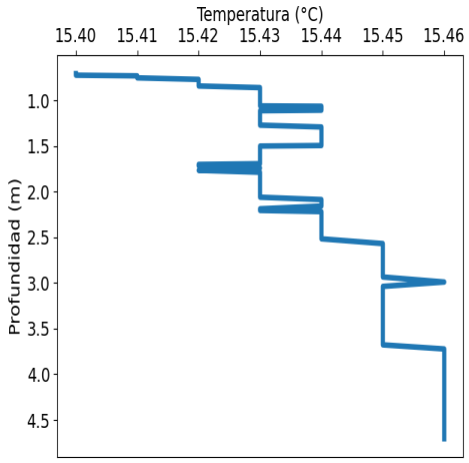

Clorofila a (mg/m3)
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
Profunidad (m)
2
4
6
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

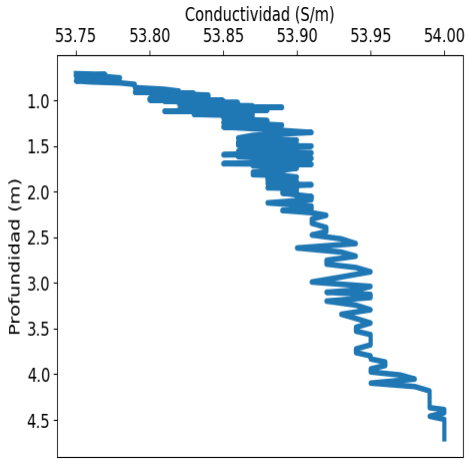

Temperatura (°C)
15.00
15.25
15.50
15.75
16.00
16.25
16.50
16.75
Profunidad (m)
2
4
6
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

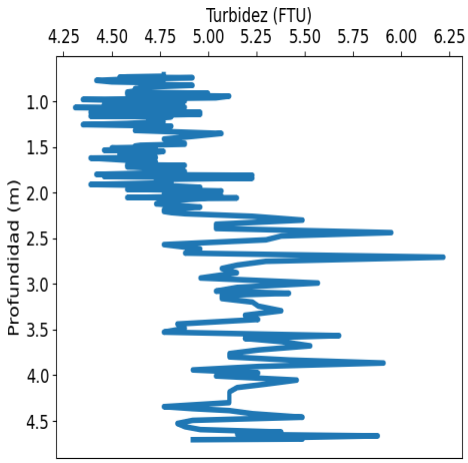

Turbidez (FTU)
0
1
2
3
4
5
6
Profunidad (m)
2
4
6
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

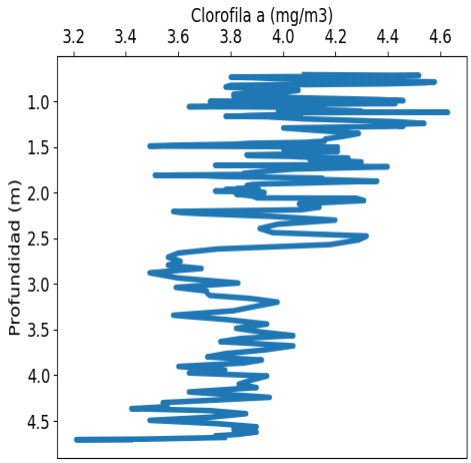
Nombre: CTD E07 - Punto 001 **Fecha: 28/11/2023** **Hora: 07:11:23**

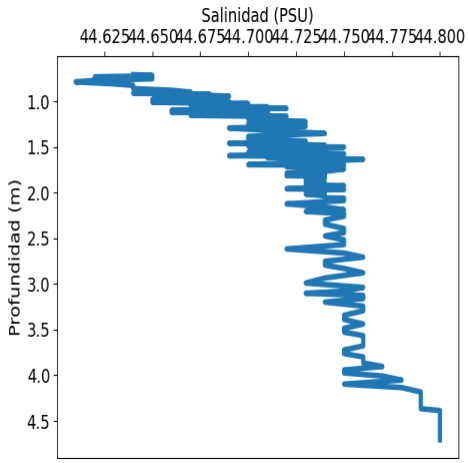


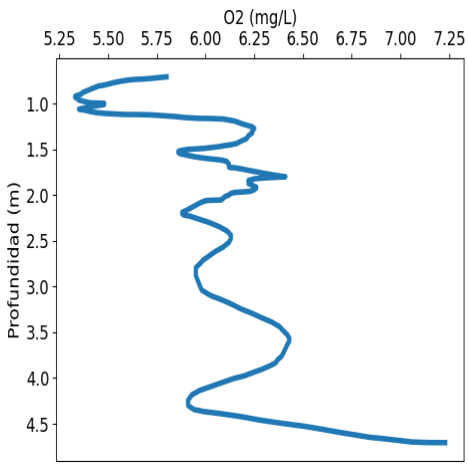


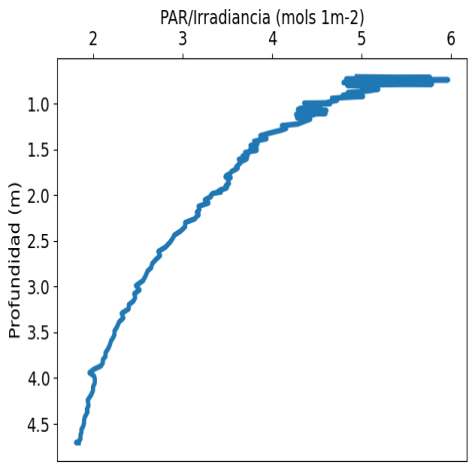












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.4	53.75	4.31	5.33	1.81	3.21	44.61
PROF (metros)	0.708	0.708	1.068	0.922	4.705	4.705	0.787
MÁXIMO	15.46	15.46	6.22	7.23	5.97	4.63	44.8
PROF (metros)	2.99	4.387	2.707	4.706	0.741	1.121	4.387

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	15.42	53.79	4.7	5.48	4.98	4.07	44.65
1 - 2m	15.43	53.87	4.69	5.95	3.93	4.04	44.71
2 - 3m	15.44	53.91	5.09	6.0	2.97	3.89	44.74
3 - 4m	15.45	53.94	5.22	6.27	2.25	3.81	44.76
4 - 5m	15.46	53.99	5.16	6.42	1.91	3.71	44.79

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m con los valores 4.07, 4.04, 3.89, 3.81, 3.71 respectivamente

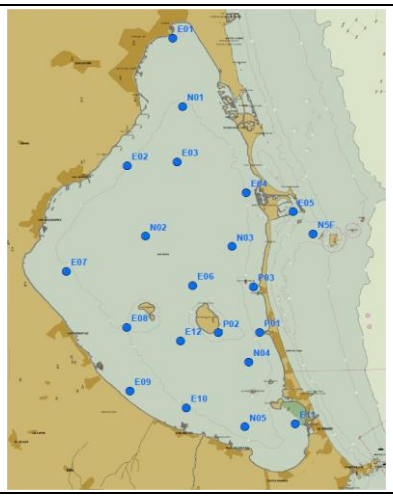
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	15.4	53.75	4.77	5.8	4.95	4.08	44.64
0.717	15.4	53.77	4.77	5.76	5.77	4.52	44.65
0.725	15.4	53.76	4.77	5.72	5.13	4.35	44.64
0.732	15.41	53.75	4.58	5.68	4.83	3.88	44.62
0.736	15.41	53.75	4.54	5.64	5.23	3.8	44.62
0.741	15.41	53.77	4.92	5.61	5.97	3.88	44.65
0.754	15.41	53.78	4.62	5.57	4.97	3.98	44.65
0.771	15.42	53.76	4.42	5.53	4.8	4.25	44.62
0.787	15.42	53.75	4.5	5.5	5.79	4.58	44.61
0.798	15.42	53.76	4.77	5.48	4.84	4.54	44.62
0.809	15.42	53.78	4.65	5.45	5.08	4.39	44.63
0.825	15.42	53.79	4.92	5.43	5.01	3.8	44.64
0.843	15.42	53.79	4.69	5.41	5.19	3.78	44.64
0.861	15.43	53.79	4.62	5.39	5.08	3.88	44.64
0.879	15.43	53.81	4.65	5.37	4.85	4.06	44.66
0.899	15.43	53.82	4.58	5.36	4.85	4.01	44.67
0.912	15.43	53.79	5.0	5.34	4.79	3.91	44.64
0.922	15.43	53.83	4.58	5.33	5.02	3.81	44.68
0.931	15.43	53.82	4.65	5.33	4.85	3.81	44.67
0.943	15.43	53.84	5.11	5.34	4.67	3.81	44.69
0.962	15.43	53.84	5.04	5.35	4.73	4.07	44.68
0.98	15.43	53.8	4.35	5.38	4.66	4.36	44.65
0.993	15.43	53.84	4.62	5.41	4.6	4.46	44.68
0.996	15.43	53.8	4.5	5.46	4.36	3.82	44.65
0.997	15.43	53.84	4.88	5.48	4.62	4.02	44.68
1.002	15.43	53.85	4.77	5.48	4.65	3.72	44.69
1.01	15.43	53.81	4.77	5.48	4.47	3.98	44.65
1.018	15.43	53.83	4.77	5.46	4.51	4.03	44.67
1.025	15.43	53.86	4.73	5.44	4.54	4.43	44.7
1.031	15.43	53.84	4.46	5.41	4.51	4.14	44.68
1.041	15.43	53.82	4.54	5.39	4.4	4.15	44.67
1.05	15.43	53.85	4.58	5.38	4.5	3.88	44.69
1.056	15.43	53.84	4.46	5.36	4.31	3.72	44.68
1.059	15.43	53.86	4.58	5.36	4.48	3.64	44.7
1.061	15.43	53.87	4.62	5.35	4.5	3.88	44.71

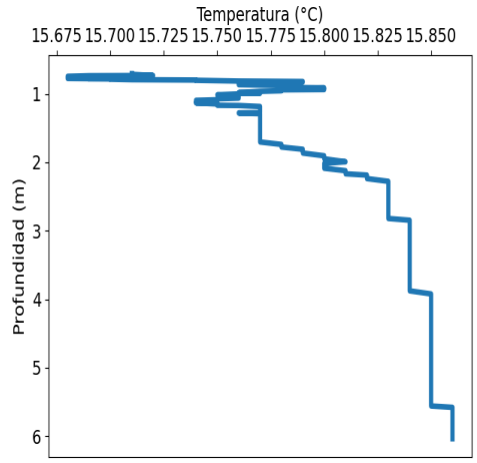
1.065	15.44	53.83	4.88	5.36	4.29	4.04	44.68
1.068	15.44	53.84	4.31	5.37	4.51	4.16	44.68
1.077	15.44	53.89	4.62	5.39	4.61	4.08	44.72
1.088	15.44	53.84	4.5	5.41	4.42	3.98	44.68
1.099	15.44	53.82	4.62	5.44	4.33	4.23	44.66
1.108	15.44	53.88	4.58	5.48	4.6	4.3	44.71
1.114	15.43	53.85	4.42	5.53	4.47	4.23	44.69
1.119	15.43	53.81	4.46	5.58	4.27	4.3	44.66
1.12	15.43	53.87	4.39	5.62	4.47	4.57	44.71
1.121	15.43	53.84	4.96	5.67	4.4	4.63	44.69
1.124	15.43	53.83	4.84	5.72	4.34	3.98	44.67
1.131	15.43	53.87	4.65	5.77	4.37	4.01	44.71
1.141	15.43	53.86	4.96	5.84	4.35	4.07	44.7
1.154	15.43	53.83	4.69	5.9	4.28	3.88	44.67
1.162	15.43	53.85	4.39	5.97	4.33	3.82	44.7
1.164	15.43	53.87	4.46	6.03	4.41	3.78	44.72
1.169	15.43	53.86	4.81	6.09	4.43	3.94	44.7
1.192	15.43	53.85	4.69	6.15	4.37	4.08	44.7
1.223	15.43	53.88	4.77	6.19	4.29	4.43	44.73
1.242	15.43	53.85	4.58	6.22	4.11	4.54	44.7
1.255	15.43	53.87	4.35	6.24	4.14	4.4	44.71
1.272	15.43	53.89	4.81	6.25	4.16	4.46	44.73
1.292	15.44	53.85	4.69	6.24	4.1	4.0	44.69
1.319	15.44	53.88	4.62	6.24	3.99	4.13	44.71
1.352	15.44	53.91	5.07	6.22	3.87	4.29	44.74
1.384	15.44	53.87	4.92	6.21	3.94	4.23	44.7
1.413	15.44	53.86	4.77	6.18	3.8	4.16	44.7
1.436	15.44	53.9	4.84	6.16	3.84	4.16	44.73
1.45	15.44	53.89	4.81	6.13	3.83	4.08	44.72
1.459	15.44	53.86	4.88	6.1	3.76	3.88	44.69
1.47	15.44	53.89	4.88	6.07	3.81	3.81	44.72
1.481	15.44	53.9	4.65	6.03	3.83	3.58	44.74
1.49	15.44	53.86	4.62	5.99	3.78	3.49	44.7
1.495	15.44	53.88	4.62	5.95	3.76	3.9	44.71
1.501	15.43	53.91	4.73	5.91	3.78	4.21	44.75
1.51	15.43	53.87	4.5	5.88	3.83	4.11	44.71
1.522	15.43	53.87	4.62	5.86	3.77	4.0	44.71
1.535	15.43	53.9	4.46	5.86	3.7	4.18	44.74
1.548	15.43	53.89	4.77	5.87	3.71	4.21	44.73
1.558	15.43	53.86	4.73	5.89	3.73	4.04	44.7
1.567	15.43	53.9	4.54	5.91	3.73	4.14	44.74
1.576	15.43	53.91	4.65	5.93	3.67	4.07	44.75
1.587	15.43	53.87	4.54	5.96	3.67	3.86	44.72
1.596	15.43	53.85	4.65	5.99	3.7	3.88	44.69
1.603	15.43	53.9	4.65	6.02	3.72	4.03	44.74
1.61	15.43	53.9	4.65	6.05	3.63	4.07	44.74
1.615	15.43	53.86	4.73	6.07	3.7	4.17	44.71
1.621	15.43	53.88	4.39	6.09	3.68	4.25	44.73
1.635	15.43	53.91	4.5	6.11	3.66	4.1	44.76
1.664	15.43	53.89	4.73	6.12	3.63	4.3	44.73
1.694	15.43	53.85	4.58	6.12	3.6	4.23	44.7
1.701	15.42	53.91	4.88	6.13	3.6	3.74	44.75
1.702	15.42	53.88	4.81	6.15	3.62	3.98	44.73
1.717	15.42	53.87	4.58	6.19	3.6	4.4	44.72
1.742	15.43	53.9	4.81	6.25	3.55	4.04	44.75
1.767	15.42	53.89	4.88	6.31	3.53	3.93	44.74
1.788	15.43	53.87	4.65	6.37	3.49	3.85	44.72
1.8	15.43	53.89	4.42	6.41	3.48	3.88	44.74

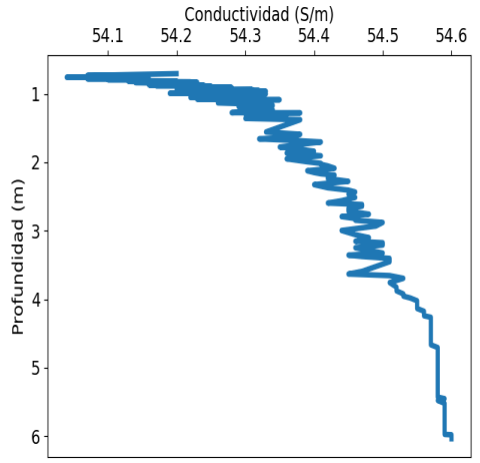
1.81	15.43	53.89	5.23	6.33	3.54	3.51	44.73
1.814	15.43	53.87	4.5	6.29	3.5	3.7	44.72
1.823	15.43	53.89	4.46	6.25	3.52	3.76	44.74
1.841	15.43	53.9	5.23	6.22	3.51	4.15	44.74
1.856	15.43	53.88	4.73	6.22	3.51	4.14	44.73
1.874	15.43	53.88	4.73	6.22	3.52	4.36	44.73
1.892	15.43	53.9	4.81	6.24	3.49	4.12	44.74
1.904	15.43	53.89	4.54	6.25	3.48	3.94	44.73
1.911	15.43	53.88	4.39	6.26	3.5	3.88	44.73
1.925	15.43	53.91	4.81	6.26	3.49	3.86	44.75
1.942	15.43	53.89	4.96	6.25	3.43	3.9	44.74
1.958	15.43	53.88	4.92	6.23	3.4	3.82	44.72
1.965	15.43	53.9	4.58	6.2	3.41	3.86	44.74
1.967	15.43	53.9	4.69	6.18	3.43	3.78	44.75
1.971	15.43	53.89	4.84	6.15	3.4	3.91	44.73
1.982	15.43	53.89	5.07	6.13	3.34	3.74	44.74
1.999	15.43	53.9	4.96	6.12	3.32	3.93	44.74
2.016	15.43	53.89	4.77	6.1	3.32	3.82	44.73
2.036	15.43	53.9	5.07	6.09	3.28	3.88	44.74
2.054	15.43	53.91	4.58	6.08	3.25	3.9	44.74
2.058	15.43	53.9	5.15	6.02	3.28	3.9	44.74
2.061	15.43	53.91	5.0	6.0	3.28	4.28	44.75
2.087	15.44	53.91	4.81	5.97	3.29	4.31	44.75
2.123	15.44	53.88	4.73	5.94	3.18	4.06	44.72
2.158	15.44	53.91	4.96	5.91	3.19	4.14	44.74
2.188	15.43	53.91	4.77	5.88	3.16	4.07	44.75
2.206	15.43	53.89	4.77	5.88	3.18	3.58	44.73
2.219	15.44	53.9	4.81	5.89	3.18	3.61	44.74
2.231	15.44	53.91	4.88	5.92	3.16	3.69	44.75
2.259	15.44	53.92	5.23	5.96	3.14	3.95	44.75
2.301	15.44	53.91	5.49	6.02	3.03	4.2	44.74
2.346	15.44	53.91	5.04	6.07	3.03	3.98	44.74
2.393	15.44	53.92	5.04	6.11	2.98	3.91	44.75
2.438	15.44	53.92	5.95	6.13	2.91	3.96	44.75
2.475	15.44	53.91	5.38	6.13	2.89	4.32	44.74
2.517	15.44	53.93	5.3	6.12	2.86	4.29	44.75
2.569	15.45	53.94	4.77	6.09	2.81	4.18	44.75
2.617	15.45	53.9	4.96	6.05	2.73	3.75	44.72
2.662	15.45	53.93	4.88	6.02	2.75	3.6	44.75
2.707	15.45	53.94	6.22	5.99	2.7	3.56	44.76
2.752	15.45	53.92	5.3	5.97	2.66	3.61	44.74
2.794	15.45	53.92	5.15	5.95	2.65	3.56	44.74
2.831	15.45	53.94	5.07	5.95	2.61	3.69	44.75
2.878	15.45	53.95	5.15	5.95	2.59	3.49	44.76
2.935	15.45	53.93	4.96	5.96	2.56	3.6	44.74
2.99	15.46	53.91	5.57	5.97	2.48	3.83	44.73
3.038	15.45	53.95	5.15	5.98	2.52	3.59	44.76
3.079	15.45	53.94	5.04	6.01	2.46	3.71	44.75
3.102	15.45	53.92	5.42	6.03	2.47	3.71	44.73
3.126	15.45	53.95	5.07	6.06	2.47	3.72	44.76
3.16	15.45	53.95	5.07	6.1	2.45	3.88	44.76
3.199	15.45	53.92	5.23	6.14	2.4	3.98	44.74
3.243	15.45	53.94	5.26	6.18	2.4	3.9	44.76
3.294	15.45	53.95	5.38	6.24	2.32	3.81	44.76
3.343	15.45	53.93	5.19	6.29	2.34	3.58	44.75
3.389	15.45	53.94	5.26	6.34	2.29	3.78	44.75
3.439	15.45	53.95	4.84	6.38	2.27	3.94	44.76
3.486	15.45	53.94	4.88	6.4	2.24	3.82	44.75

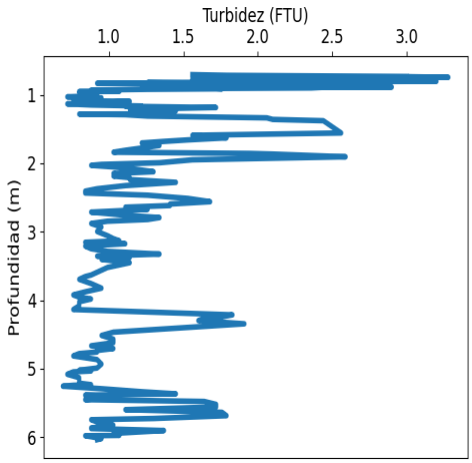
3.528	15.45	53.94	4.77	6.42	2.24	3.92	44.75
3.566	15.45	53.95	5.68	6.43	2.22	4.04	44.76
3.597	15.45	53.95	5.19	6.43	2.2	3.84	44.76
3.632	15.45	53.95	5.38	6.42	2.19	3.76	44.76
3.678	15.45	53.95	5.53	6.41	2.17	4.04	44.76
3.723	15.46	53.94	5.26	6.4	2.14	3.93	44.75
3.763	15.46	53.94	5.11	6.39	2.14	3.78	44.75
3.799	15.46	53.95	5.11	6.37	2.11	3.71	44.76
3.833	15.46	53.95	5.42	6.36	2.11	3.92	44.76
3.866	15.46	53.96	5.91	6.33	2.09	3.85	44.76
3.904	15.46	53.96	5.26	6.29	2.01	3.6	44.77
3.942	15.46	53.95	4.92	6.24	1.96	3.78	44.75
3.975	15.46	53.95	5.26	6.2	2.01	3.64	44.75
4.008	15.46	53.97	5.04	6.14	2.02	3.94	44.77
4.053	15.46	53.98	5.46	6.08	2.02	3.88	44.78
4.097	15.46	53.95	5.3	6.02	2.0	3.83	44.75
4.135	15.46	53.98	5.15	5.97	2.0	3.9	44.78
4.183	15.46	53.99	5.11	5.93	1.98	3.64	44.79
4.242	15.46	53.99	5.11	5.91	1.94	3.95	44.79
4.3	15.46	53.99	5.11	5.91	1.95	3.54	44.79
4.344	15.46	53.99	4.77	5.94	1.93	3.56	44.79
4.366	15.46	53.99	4.92	5.99	1.94	3.42	44.79
4.387	15.46	54.0	5.11	6.07	1.93	3.72	44.8
4.421	15.46	54.0	5.23	6.18	1.91	3.86	44.8
4.46	15.46	53.99	5.49	6.28	1.9	3.72	44.8
4.494	15.46	54.0	4.92	6.39	1.9	3.49	44.8
4.528	15.46	54.0	4.84	6.51	1.89	3.74	44.8
4.564	15.46	54.0	4.88	6.61	1.87	3.9	44.8
4.595	15.46	54.0	4.96	6.69	1.87	3.81	44.8
4.622	15.46	54.0	5.38	6.77	1.86	3.9	44.8
4.647	15.46	54.0	5.15	6.84	1.86	3.83	44.8
4.664	15.46	54.0	5.88	6.92	1.86	3.74	44.8
4.681	15.46	54.0	5.46	6.99	1.85	3.78	44.8
4.699	15.46	54.0	5.49	7.06	1.83	3.48	44.8
4.705	15.46	54.0	5.07	7.14	1.81	3.21	44.8
4.706	15.46	54.0	4.92	7.23	1.84	3.42	44.8

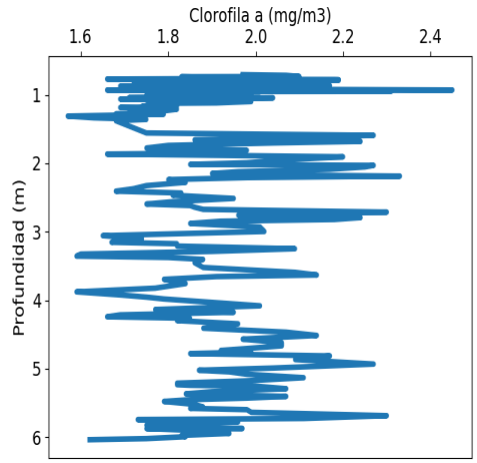
Nombre: CTD N02 - Punto 002 **Fecha: 28/11/2023** **Hora: 08:11:26**

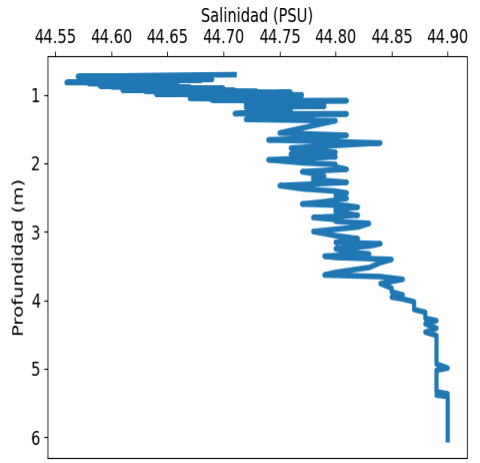


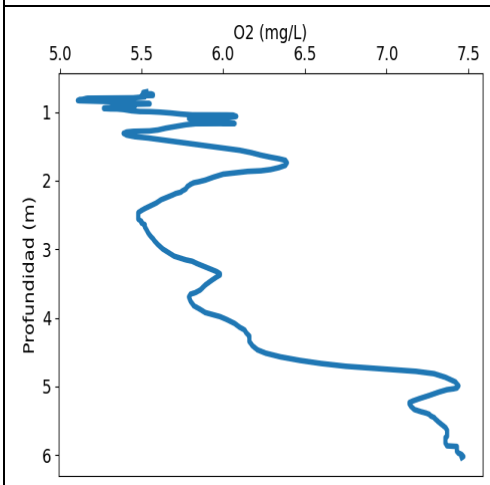


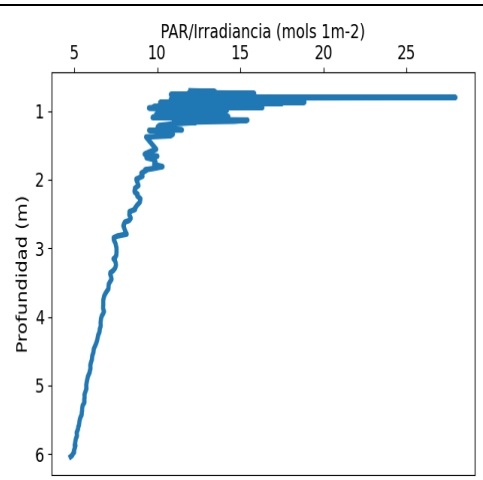


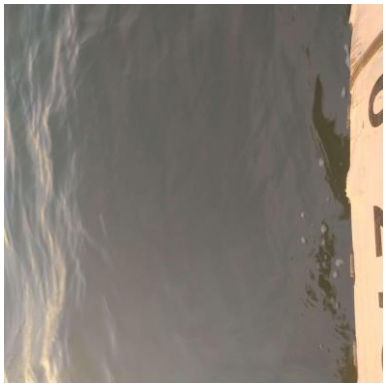












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.68	54.04	0.69	5.11	4.79	1.57	44.56
PROF (metros)	0.745	0.759	5.257	0.832	6.039	1.311	0.819
MÁXIMO	15.86	15.86	3.28	7.47	27.95	2.45	44.9
PROF (metros)	5.581	5.981	0.745	6.023	0.803	0.93	4.992

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	15.75	54.19	1.65	5.38	13.22	1.95	44.65
1 - 2m	15.77	54.32	1.28	5.91	10.68	1.84	44.76
2 - 3m	15.82	54.44	1.13	5.61	8.35	1.96	44.8
3 - 4m	15.84	54.49	0.95	5.86	7.14	1.81	44.83
4 - 5m	15.85	54.57	1.13	6.55	6.2	1.96	44.89
5 - 6m	15.85	54.59	1.06	7.32	5.34	1.91	44.9
6 - 7m	15.86	54.6	0.94	7.46	4.83	1.68	44.9

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	15.71	54.2	1.56	5.53	12.0	1.97	44.71
0.716	15.71	54.15	1.79	5.51	13.47	2.07	44.65
0.733	15.72	54.07	3.01	5.51	11.9	2.1	44.57
0.736	15.69	54.12	3.01	5.56	13.2	1.83	44.66
0.745	15.68	54.11	3.28	5.57	15.84	1.89	44.65
0.759	15.68	54.04	2.21	5.57	10.82	1.88	44.59
0.763	15.68	54.13	1.56	5.5	12.36	1.94	44.67
0.77	15.68	54.1	1.76	5.5	12.65	1.66	44.64
0.776	15.68	54.15	1.91	5.52	12.61	2.0	44.69
0.779	15.69	54.12	1.6	5.52	14.68	2.18	44.65
0.781	15.69	54.07	2.06	5.51	12.39	2.19	44.6
0.783	15.7	54.12	1.83	5.5	11.19	1.95	44.65
0.787	15.7	54.16	1.56	5.48	10.94	2.19	44.68
0.794	15.71	54.1	2.06	5.45	10.86	2.06	44.61
0.799	15.74	54.14	3.09	5.17	15.57	2.09	44.61
0.803	15.74	54.14	3.2	5.16	27.95	1.82	44.61
0.809	15.75	54.14	2.4	5.15	13.18	1.85	44.61
0.814	15.76	54.2	2.29	5.15	14.08	1.98	44.65
0.819	15.78	54.13	1.6	5.12	15.76	1.95	44.56
0.821	15.79	54.14	1.26	5.12	18.16	1.85	44.56
0.825	15.79	54.22	1.37	5.12	13.22	1.73	44.63
0.828	15.79	54.22	1.53	5.12	11.25	1.9	44.63
0.832	15.78	54.23	0.92	5.11	10.81	1.94	44.65
0.836	15.77	54.14	1.14	5.12	11.32	1.82	44.58
0.848	15.76	54.2	1.68	5.3	13.15	1.72	44.65
0.856	15.76	54.17	1.22	5.32	14.96	2.04	44.63
0.867	15.76	54.18	1.56	5.35	14.21	2.17	44.63
0.872	15.77	54.17	1.91	5.46	18.86	1.81	44.61
0.873	15.77	54.16	1.95	5.5	12.59	1.69	44.59
0.876	15.78	54.24	1.26	5.52	10.17	1.79	44.66
0.878	15.78	54.23	1.45	5.55	10.29	1.96	44.65
0.882	15.78	54.17	1.53	5.55	12.5	1.99	44.6
0.887	15.78	54.25	2.9	5.47	12.0	1.85	44.67
0.891	15.78	54.25	2.44	5.44	17.51	1.75	44.67
0.9	15.78	54.22	2.36	5.42	11.49	2.03	44.64

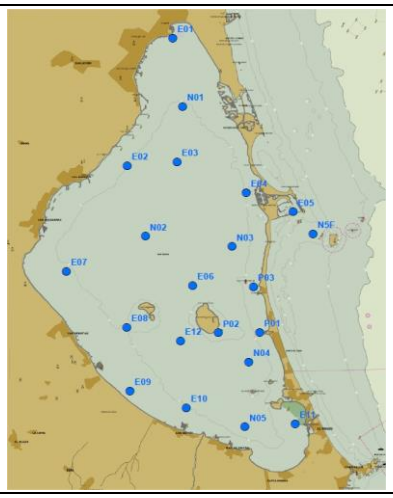
0.907	15.78	54.28	1.72	5.41	12.22	1.75	44.7
0.913	15.8	54.23	1.76	5.46	15.55	1.84	44.63
0.92	15.79	54.22	1.26	5.45	13.97	2.06	44.63
0.93	15.79	54.27	0.92	5.44	10.93	2.45	44.68
0.931	15.8	54.24	0.88	5.34	16.2	1.66	44.64
0.934	15.8	54.21	0.92	5.31	10.68	1.97	44.61
0.938	15.8	54.31	0.92	5.28	9.78	2.09	44.71
0.942	15.78	54.28	0.95	5.27	11.32	2.27	44.69
0.946	15.78	54.2	0.92	5.27	12.74	2.03	44.63
0.95	15.78	54.26	1.07	5.27	16.33	2.31	44.68
0.953	15.78	54.32	0.8	5.29	13.15	1.92	44.73
0.955	15.78	54.22	0.8	5.31	10.78	2.01	44.64
0.956	15.78	54.24	0.92	5.35	9.5	1.92	44.67
0.964	15.77	54.33	0.8	5.39	11.02	1.8	44.76
0.983	15.76	54.29	0.92	5.44	12.81	1.94	44.73
0.993	15.77	54.19	0.84	5.49	14.19	1.99	44.64
0.995	15.76	54.28	0.92	5.55	12.39	1.85	44.71
1.002	15.76	54.33	0.88	5.61	10.72	1.75	44.77
1.015	15.75	54.22	0.92	5.68	10.99	1.92	44.67
1.03	15.76	54.27	0.72	5.74	11.35	1.9	44.71
1.042	15.76	54.31	0.84	5.81	11.01	1.71	44.75
1.043	15.76	54.31	0.88	6.02	10.84	1.75	44.75
1.045	15.76	54.28	0.95	6.06	9.94	2.04	44.73
1.054	15.76	54.22	0.95	6.07	10.31	1.94	44.67
1.063	15.76	54.28	0.8	6.08	11.43	1.69	44.72
1.073	15.75	54.32	0.76	6.06	12.78	1.82	44.77
1.081	15.75	54.23	0.92	6.04	14.28	1.75	44.69
1.082	15.75	54.27	0.88	6.0	11.26	1.95	44.72
1.087	15.75	54.35	0.8	5.94	9.76	1.91	44.81
1.096	15.74	54.26	1.14	5.79	9.72	1.86	44.73
1.098	15.74	54.3	1.11	5.81	10.68	1.99	44.76
1.119	15.74	54.33	0.88	5.83	12.26	1.91	44.79
1.124	15.75	54.26	0.84	5.9	11.8	1.79	44.72
1.133	15.74	54.26	0.72	5.92	15.43	1.79	44.72
1.149	15.75	54.31	0.88	5.94	14.62	1.78	44.77
1.164	15.75	54.32	1.22	6.05	11.0	1.78	44.77
1.168	15.75	54.34	1.11	6.07	12.3	1.74	44.79
1.171	15.76	54.34	1.22	5.83	11.99	1.82	44.77
1.186	15.77	54.29	1.72	5.77	11.04	1.69	44.72
1.211	15.77	54.3	1.14	5.71	10.12	1.82	44.73
1.235	15.77	54.34	1.45	5.65	10.02	1.79	44.76
1.262	15.77	54.3	1.14	5.6	10.72	1.71	44.73
1.276	15.77	54.28	1.18	5.55	11.49	1.72	44.71
1.279	15.76	54.38	1.26	5.49	10.73	1.68	44.81
1.282	15.76	54.32	0.8	5.45	9.51	1.79	44.75
1.291	15.77	54.3	1.11	5.41	9.97	1.74	44.73
1.311	15.77	54.36	1.26	5.39	10.48	1.57	44.78
1.337	15.77	54.31	2.06	5.41	10.95	1.63	44.74
1.36	15.77	54.3	2.1	5.46	10.82	1.75	44.72
1.379	15.77	54.38	2.44	5.54	9.33	1.68	44.8
1.558	15.77	54.33	2.56	6.1	9.94	1.75	44.75
1.592	15.77	54.38	1.56	6.17	9.57	2.27	44.81
1.629	15.77	54.37	1.79	6.23	9.24	2.06	44.79
1.659	15.77	54.32	1.53	6.29	10.01	1.86	44.74
1.681	15.77	54.37	1.37	6.34	9.35	2.24	44.79
1.704	15.77	54.41	1.22	6.38	9.73	2.04	44.84
1.74	15.78	54.38	1.34	6.39	9.9	1.8	44.8
1.778	15.78	54.35	1.22	6.38	9.81	1.75	44.76

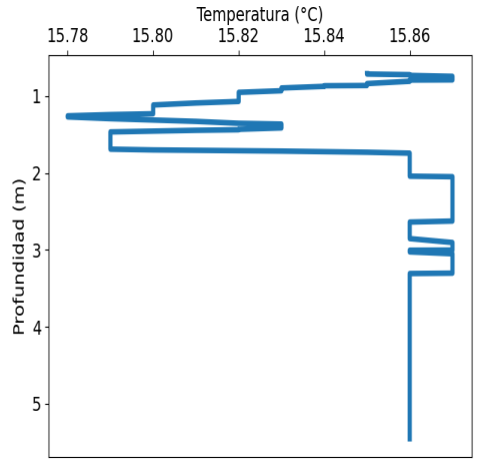
1.811	15.79	54.38	1.11	6.34	10.32	1.98	44.78
1.839	15.79	54.4	1.03	6.29	9.74	1.82	44.8
1.857	15.79	54.38	1.95	6.23	9.27	1.8	44.79
1.866	15.79	54.36	2.1	6.15	9.34	1.66	44.76
1.906	15.8	54.41	2.59	6.0	9.04	2.2	44.8
1.95	15.8	54.36	1.56	5.94	9.12	2.07	44.74
1.993	15.81	54.39	1.34	5.89	8.74	1.98	44.77
2.017	15.8	54.41	0.95	5.85	8.76	1.85	44.8
2.031	15.8	54.41	0.88	5.82	8.8	2.27	44.8
2.054	15.8	54.42	1.03	5.8	8.83	2.25	44.8
2.088	15.8	54.43	1.18	5.78	8.87	2.17	44.81
2.124	15.81	54.39	1.3	5.77	8.66	1.96	44.77
2.15	15.81	54.4	1.03	5.75	8.65	1.9	44.78
2.169	15.81	54.41	1.07	5.74	8.63	2.03	44.78
2.188	15.82	54.43	1.03	5.71	8.66	2.33	44.79
2.21	15.82	54.42	1.14	5.69	8.82	1.98	44.78
2.239	15.82	54.42	1.14	5.66	8.8	1.8	44.78
2.279	15.83	54.45	1.45	5.62	8.99	1.84	44.81
2.327	15.83	54.4	1.11	5.59	8.96	1.75	44.75
2.373	15.83	54.42	0.92	5.55	8.79	1.72	44.77
2.408	15.83	54.45	0.84	5.52	8.68	1.68	44.8
2.435	15.83	54.46	0.84	5.5	8.67	1.83	44.81
2.467	15.83	54.45	1.26	5.48	8.33	1.81	44.8
2.514	15.83	54.46	1.53	5.48	8.32	1.95	44.81
2.562	15.83	54.44	1.68	5.48	8.41	1.81	44.79
2.596	15.83	54.42	1.41	5.5	8.31	1.75	44.77
2.618	15.83	54.47	1.41	5.5	8.06	1.85	44.81
2.642	15.83	54.47	1.11	5.52	8.0	1.86	44.82
2.674	15.83	54.45	1.26	5.52	7.96	1.88	44.8
2.714	15.83	54.45	0.88	5.53	8.02	2.3	44.8
2.759	15.83	54.48	1.11	5.54	8.09	1.96	44.82
2.794	15.83	54.44	1.34	5.55	8.16	2.24	44.78
2.822	15.83	54.46	1.26	5.56	7.61	2.18	44.8
2.847	15.84	54.46	0.99	5.57	7.38	1.92	44.8
2.88	15.84	54.5	0.88	5.58	7.39	1.85	44.83
2.932	15.84	54.49	0.95	5.6	7.49	2.01	44.82
2.997	15.84	54.44	0.92	5.63	7.55	2.02	44.78
3.058	15.84	54.46	0.99	5.67	7.55	1.65	44.8
3.102	15.84	54.48	1.03	5.7	7.54	1.74	44.82
3.133	15.84	54.47	1.07	5.74	7.48	1.68	44.81
3.155	15.84	54.46	0.84	5.77	7.37	1.67	44.8
3.176	15.84	54.5	1.11	5.81	7.44	1.82	44.84
3.21	15.84	54.5	0.84	5.84	7.5	1.82	44.83
3.249	15.84	54.46	0.88	5.88	7.52	2.09	44.8
3.288	15.84	54.48	0.99	5.92	7.47	1.9	44.81
3.327	15.84	54.5	1.34	5.96	7.35	1.6	44.83
3.357	15.84	54.45	0.92	5.98	7.18	1.59	44.79
3.377	15.84	54.47	1.14	5.98	7.17	1.8	44.8
3.405	15.84	54.51	0.95	5.96	7.21	1.88	44.85
3.453	15.84	54.51	1.14	5.93	7.25	1.86	44.84
3.523	15.84	54.49	0.99	5.89	7.08	1.88	44.83
3.594	15.84	54.47	0.92	5.86	7.06	2.09	44.8
3.633	15.84	54.45	0.88	5.83	6.95	2.14	44.79
3.656	15.84	54.51	0.84	5.8	6.89	1.91	44.84
3.696	15.84	54.53	0.8	5.79	6.81	1.79	44.86
3.758	15.84	54.51	0.88	5.8	6.75	1.84	44.84
3.825	15.84	54.52	0.95	5.82	6.75	1.77	44.85
3.879	15.84	54.52	0.84	5.86	6.74	1.59	44.85

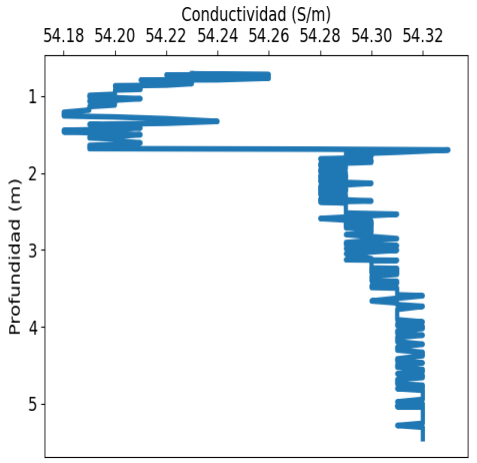
3.924	15.85	54.53	0.76	5.89	6.8	1.69	44.86
3.956	15.85	54.53	0.8	5.94	6.74	1.75	44.85
3.983	15.85	54.54	0.88	5.98	6.67	1.79	44.86
4.024	15.85	54.55	0.8	6.02	6.62	1.88	44.87
4.083	15.85	54.55	0.8	6.07	6.59	2.01	44.87
4.137	15.85	54.55	0.76	6.1	6.6	1.77	44.87
4.177	15.85	54.56	1.3	6.13	6.54	1.95	44.88
4.215	15.85	54.56	1.83	6.14	6.53	1.69	44.88
4.243	15.85	54.56	1.76	6.15	6.49	1.66	44.88
4.265	15.85	54.57	1.64	6.16	6.45	1.85	44.88
4.299	15.85	54.57	1.6	6.16	6.42	1.82	44.89
4.346	15.85	54.57	1.91	6.16	6.38	1.96	44.88
4.41	15.85	54.57	1.45	6.18	6.29	1.88	44.89
4.468	15.85	54.57	1.03	6.21	6.18	2.07	44.88
4.516	15.85	54.57	0.95	6.26	6.16	2.14	44.89
4.57	15.85	54.57	1.03	6.35	6.09	1.97	44.89
4.622	15.85	54.57	1.03	6.47	6.07	2.06	44.89
4.667	15.85	54.57	0.88	6.6	6.01	2.06	44.89
4.707	15.85	54.58	1.03	6.75	5.97	1.98	44.89
4.735	15.85	54.58	0.92	6.91	5.98	1.92	44.89
4.758	15.85	54.58	0.92	7.05	5.98	1.99	44.89
4.781	15.85	54.58	0.8	7.18	5.95	1.85	44.89
4.815	15.85	54.58	0.76	7.29	5.93	2.17	44.89
4.868	15.85	54.58	0.92	7.36	5.83	2.09	44.89
4.934	15.85	54.58	0.95	7.42	5.77	2.27	44.89
4.992	15.85	54.58	0.92	7.44	5.73	2.04	44.9
5.024	15.85	54.58	0.8	7.43	5.73	1.87	44.89
5.035	15.85	54.58	0.88	7.41	5.74	1.9	44.89
5.048	15.85	54.58	0.76	7.37	5.74	1.94	44.89
5.083	15.85	54.58	0.72	7.32	5.69	1.98	44.89
5.133	15.85	54.58	0.8	7.26	5.62	2.11	44.89
5.179	15.85	54.58	0.8	7.2	5.63	1.98	44.89
5.213	15.85	54.58	0.8	7.16	5.6	1.82	44.89
5.235	15.85	54.58	0.88	7.14	5.62	1.82	44.89
5.244	15.85	54.58	0.76	7.14	5.62	1.85	44.89
5.257	15.85	54.58	0.69	7.14	5.6	2.0	44.89
5.294	15.85	54.58	0.95	7.15	5.51	2.07	44.89
5.338	15.85	54.58	1.22	7.17	5.48	1.9	44.89
5.369	15.85	54.58	1.45	7.21	5.48	1.84	44.9
5.388	15.85	54.58	0.84	7.24	5.46	1.94	44.89
5.406	15.85	54.58	1.03	7.26	5.46	2.07	44.9
5.431	15.85	54.58	0.95	7.27	5.45	1.98	44.9
5.454	15.85	54.59	0.84	7.29	5.4	1.85	44.9
5.48	15.85	54.58	1.64	7.3	5.36	1.79	44.9
5.523	15.85	54.59	1.72	7.32	5.32	1.86	44.9
5.561	15.85	54.59	1.72	7.34	5.3	1.88	44.9
5.581	15.86	54.59	1.41	7.35	5.29	1.85	44.9
5.6	15.86	54.59	1.11	7.36	5.25	1.98	44.9
5.639	15.86	54.59	1.76	7.37	5.23	1.99	44.9
5.688	15.86	54.59	1.79	7.37	5.15	2.3	44.9
5.729	15.86	54.59	1.3	7.37	5.17	2.11	44.9
5.745	15.86	54.59	0.95	7.36	5.16	1.73	44.9
5.747	15.86	54.59	0.88	7.36	5.15	1.9	44.9
5.779	15.86	54.59	0.92	7.36	5.1	1.96	44.9
5.827	15.86	54.59	1.03	7.36	5.07	1.75	44.9
5.867	15.86	54.59	0.88	7.37	5.04	1.79	44.9
5.875	15.86	54.59	0.88	7.42	5.08	1.97	44.9
5.876	15.86	54.59	0.88	7.43	5.06	1.75	44.9

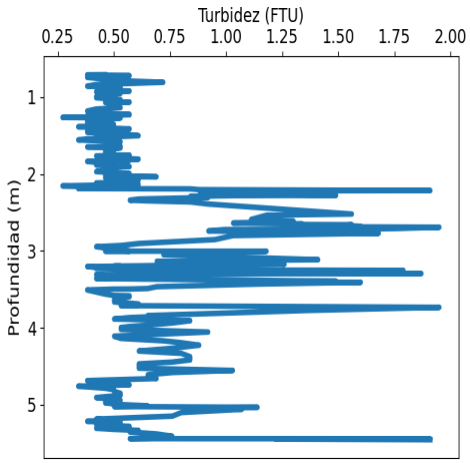
5.905	15.86	54.59	1.37	7.43	5.05	1.86	44.9
5.947	15.86	54.59	1.03	7.43	4.99	1.94	44.9
5.976	15.86	54.59	1.07	7.44	5.0	1.83	44.9
5.981	15.86	54.6	0.84	7.45	4.96	1.83	44.9
5.995	15.86	54.6	0.88	7.46	4.93	1.84	44.9
6.023	15.86	54.6	0.95	7.47	4.87	1.75	44.9
6.039	15.86	54.6	0.92	7.46	4.79	1.62	44.9

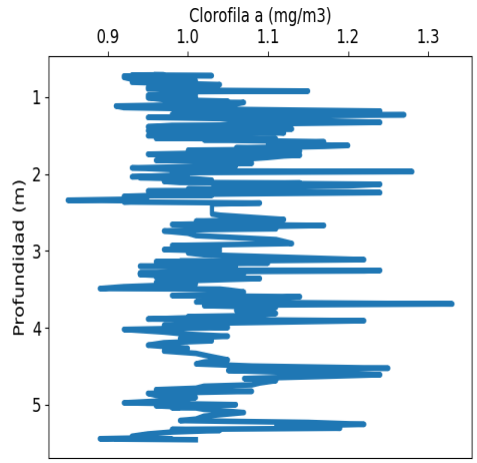
Nombre: CTD E02 - Punto 003 **Fecha: 28/11/2023** **Hora: 08:11:45**

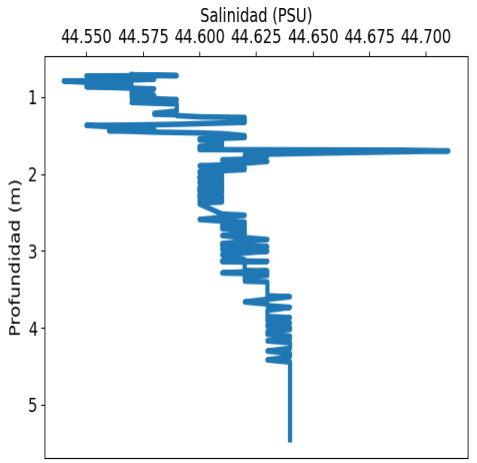


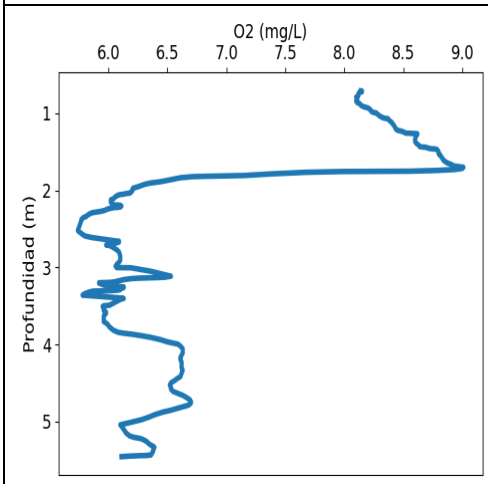


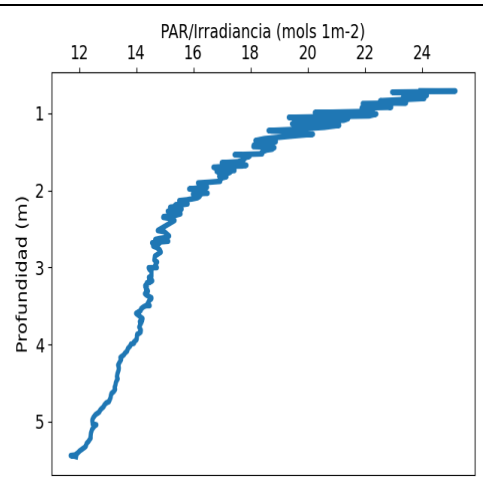


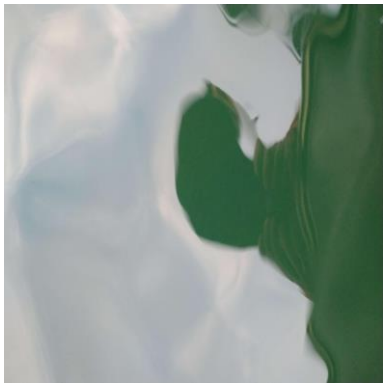












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.78	54.18	0.27	5.74	11.7	0.85	44.54
PROF (metros)	1.258	1.212	1.266	2.521	5.439	2.341	0.791
MÁXIMO	15.87	15.87	1.95	9.01	25.18	1.33	44.71
PROF (metros)	0.745	1.701	2.692	1.701	0.712	3.689	1.701

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	15.85	54.22	0.47	8.15	22.99	0.98	44.57
1 - 2m	15.82	54.23	0.47	8.16	18.22	1.05	44.6
2 - 3m	15.87	54.29	0.93	6.0	15.31	1.03	44.61
3 - 4m	15.86	54.31	0.83	6.1	14.31	1.03	44.63
4 - 5m	15.86	54.32	0.63	6.57	13.16	1.03	44.64
5 - 6m	15.86	54.32	0.81	6.24	12.21	1.01	44.64

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	15.85	54.23	0.46	8.14	23.96	0.96	44.57
0.712	15.85	54.23	0.38	8.15	25.18	0.97	44.57
0.715	15.85	54.24	0.38	8.15	24.09	0.93	44.58
0.723	15.86	54.26	0.57	8.15	23.9	1.03	44.59
0.727	15.86	54.22	0.38	8.13	22.96	0.92	44.55
0.733	15.86	54.24	0.42	8.13	23.89	0.92	44.56
0.745	15.87	54.25	0.38	8.12	23.76	0.92	44.57
0.769	15.87	54.26	0.46	8.12	24.18	0.93	44.58
0.79	15.87	54.24	0.53	8.11	23.48	0.98	44.56
0.791	15.87	54.22	0.53	8.1	23.34	1.01	44.54
0.793	15.86	54.21	0.57	8.11	23.35	0.93	44.54
0.809	15.86	54.22	0.72	8.11	24.09	0.93	44.55
0.839	15.85	54.23	0.42	8.1	22.54	1.04	44.57
0.859	15.85	54.22	0.38	8.11	22.76	1.03	44.56
0.864	15.85	54.21	0.42	8.11	23.19	0.99	44.56
0.867	15.84	54.2	0.53	8.12	23.45	1.03	44.55
0.875	15.84	54.2	0.42	8.13	21.93	0.95	44.56
0.896	15.83	54.21	0.53	8.14	21.94	0.95	44.58
0.914	15.83	54.21	0.46	8.16	22.8	1.03	44.57
0.923	15.83	54.2	0.57	8.18	22.93	1.15	44.57
0.932	15.83	54.2	0.42	8.2	21.89	0.98	44.57
0.953	15.82	54.2	0.53	8.22	22.3	1.01	44.57
0.978	15.82	54.2	0.46	8.23	22.02	0.95	44.58
0.992	15.82	54.19	0.5	8.25	20.25	1.01	44.57
0.996	15.82	54.19	0.42	8.27	20.45	1.01	44.57
1.01	15.82	54.19	0.42	8.28	22.41	0.95	44.57
1.035	15.82	54.21	0.53	8.3	22.16	0.97	44.59
1.054	15.82	54.2	0.5	8.32	19.34	1.05	44.58
1.065	15.82	54.19	0.5	8.34	20.44	1.0	44.57
1.067	15.82	54.19	0.57	8.35	20.22	1.0	44.57
1.071	15.82	54.19	0.46	8.37	21.42	1.07	44.57
1.091	15.81	54.2	0.5	8.38	21.27	1.06	44.59
1.117	15.8	54.2	0.5	8.4	19.68	0.91	44.59
1.138	15.8	54.19	0.53	8.41	19.45	0.92	44.59
1.157	15.8	54.19	0.42	8.42	21.11	1.02	44.59
1.183	15.8	54.19	0.38	8.43	20.58	1.24	44.59

1.212	15.8	54.18	0.42	8.44	19.43	1.01	44.58
1.225	15.8	54.18	0.57	8.46	18.63	0.98	44.58
1.231	15.8	54.18	0.57	8.48	18.74	1.27	44.59
1.242	15.79	54.18	0.38	8.5	19.56	1.12	44.59
1.258	15.78	54.18	0.42	8.52	19.66	1.11	44.6
1.266	15.78	54.19	0.27	8.62	19.62	0.95	44.62
1.272	15.78	54.2	0.53	8.62	20.19	0.99	44.62
1.295	15.79	54.22	0.38	8.61	19.48	1.12	44.62
1.33	15.81	54.24	0.38	8.6	18.49	1.24	44.62
1.355	15.82	54.22	0.5	8.6	18.17	1.05	44.59
1.365	15.83	54.2	0.46	8.6	18.57	1.04	44.57
1.369	15.83	54.19	0.46	8.6	18.89	0.98	44.55
1.387	15.83	54.2	0.34	8.61	18.67	0.95	44.56
1.415	15.83	54.21	0.57	8.63	18.11	1.13	44.58
1.433	15.82	54.2	0.42	8.64	18.1	1.01	44.57
1.438	15.82	54.19	0.53	8.66	18.49	0.95	44.56
1.439	15.82	54.19	0.38	8.68	18.7	1.05	44.56
1.446	15.81	54.18	0.46	8.7	18.84	1.06	44.57
1.457	15.8	54.19	0.38	8.72	18.79	1.11	44.58
1.467	15.79	54.18	0.42	8.78	18.76	1.12	44.6
1.477	15.79	54.19	0.53	8.79	18.57	1.0	44.61
1.503	15.79	54.21	0.61	8.8	18.4	0.95	44.62
1.527	15.79	54.2	0.42	8.8	18.41	1.01	44.62
1.538	15.79	54.19	0.46	8.81	17.44	0.96	44.61
1.544	15.79	54.19	0.38	8.81	17.65	1.11	44.6
1.558	15.79	54.2	0.34	8.82	17.97	1.02	44.6
1.582	15.79	54.2	0.53	8.83	17.78	1.17	44.61
1.609	15.79	54.21	0.5	8.84	17.76	1.1	44.61
1.63	15.79	54.2	0.46	8.86	17.55	1.2	44.61
1.642	15.79	54.19	0.53	8.87	16.99	1.17	44.6
1.649	15.79	54.19	0.38	8.88	17.08	1.14	44.6
1.66	15.79	54.19	0.53	8.9	17.56	1.06	44.6
1.675	15.79	54.19	0.5	8.92	17.86	1.11	44.6
1.684	15.79	54.19	0.46	8.93	17.71	1.08	44.6
1.691	15.79	54.28	0.46	8.96	17.07	1.0	44.69
1.701	15.8	54.33	0.5	9.01	16.7	1.14	44.71
1.716	15.83	54.32	0.46	9.0	17.02	1.11	44.68
1.731	15.85	54.31	0.5	8.93	17.43	1.01	44.65
1.743	15.86	54.3	0.46	8.77	17.44	0.95	44.63
1.752	15.86	54.29	0.46	8.55	16.98	1.03	44.62
1.754	15.86	54.3	0.5	8.29	16.81	1.04	44.62
1.756	15.86	54.3	0.57	7.99	16.96	1.14	44.63
1.766	15.86	54.3	0.42	7.68	17.29	1.12	44.63
1.786	15.86	54.3	0.46	7.39	17.04	1.1	44.62
1.808	15.86	54.29	0.61	7.15	17.06	1.07	44.62
1.818	15.86	54.28	0.5	6.82	16.9	0.99	44.61
1.823	15.86	54.29	0.57	6.71	17.16	0.96	44.62
1.837	15.86	54.3	0.38	6.61	17.02	1.03	44.63
1.861	15.86	54.3	0.46	6.53	16.93	1.08	44.62
1.883	15.86	54.28	0.42	6.46	16.94	1.01	44.61
1.895	15.86	54.28	0.46	6.41	16.54	1.06	44.6
1.904	15.86	54.28	0.57	6.36	16.16	1.01	44.61
1.921	15.86	54.29	0.46	6.31	16.2	0.93	44.62
1.943	15.86	54.29	0.46	6.27	16.43	0.98	44.62
1.959	15.86	54.28	0.46	6.24	16.48	1.0	44.61
1.97	15.86	54.28	0.42	6.21	16.19	1.28	44.6
1.982	15.86	54.28	0.5	6.21	15.85	1.01	44.6
1.995	15.86	54.29	0.57	6.2	16.15	0.98	44.61

2.009	15.86	54.29	0.46	6.2	16.17	1.0	44.61
2.027	15.86	54.29	0.53	6.19	16.32	0.96	44.61
2.037	15.86	54.28	0.69	6.18	16.5	0.93	44.6
2.038	15.86	54.28	0.5	6.17	16.46	1.0	44.6
2.042	15.86	54.29	0.61	6.15	16.22	1.0	44.61
2.049	15.87	54.29	0.46	6.13	15.98	0.94	44.61
2.055	15.87	54.28	0.5	6.1	16.18	0.96	44.6
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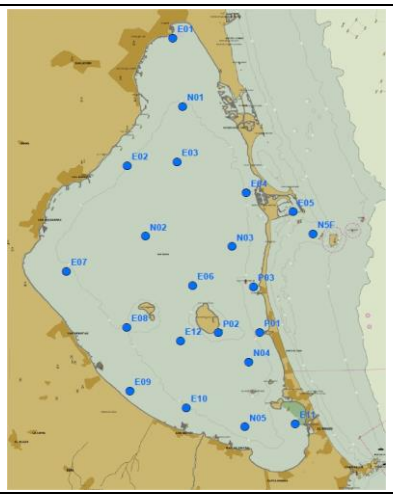
2.081	15.87	54.29	0.61	6.06	16.21	1.03	44.61
2.097	15.87	54.28	0.5	6.05	16.14	0.97	44.6
2.111	15.87	54.28	0.53	6.04	15.96	0.99	44.6
2.117	15.87	54.29	0.42	6.03	15.85	1.14	44.6
2.123	15.87	54.29	0.42	6.02	15.78	1.1	44.61
2.134	15.87	54.3	0.61	6.02	15.5	1.24	44.61
2.155	15.87	54.29	0.27	6.02	15.75	1.2	44.61
2.176	15.87	54.28	0.46	6.03	15.8	1.08	44.6
2.19	15.87	54.28	0.34	6.04	15.53	1.03	44.6
2.191	15.87	54.29	0.42	6.08	15.36	1.14	44.61
2.194	15.87	54.29	0.84	6.1	15.44	1.0	44.61
2.204	15.87	54.29	0.88	6.11	15.52	1.06	44.6
2.216	15.87	54.28	1.91	6.1	15.38	1.01	44.6
2.221	15.87	54.29	0.88	6.08	15.18	0.95	44.61
2.222	15.87	54.28	1.22	6.05	15.54	0.98	44.6
2.229	15.87	54.29	1.22	6.03	15.53	1.03	44.61
2.243	15.87	54.29	0.92	5.99	15.59	1.24	44.61
2.259	15.87	54.28	0.95	5.97	15.48	1.06	44.6
2.271	15.87	54.28	1.37	5.94	15.1	0.96	44.6
2.278	15.87	54.28	1.49	5.91	15.2	1.03	44.6
2.282	15.87	54.29	1.03	5.89	15.44	0.95	44.6
2.291	15.87	54.29	0.84	5.86	15.54	0.92	44.61
2.305	15.87	54.29	0.92	5.84	15.55	0.93	44.6
2.326	15.87	54.29	0.61	5.82	15.35	0.94	44.61
2.341	15.87	54.28	0.57	5.81	14.95	0.85	44.6
2.35	15.87	54.29	0.65	5.79	14.94	0.95	44.61
2.364	15.87	54.3	0.84	5.78	15.16	0.92	44.61
2.378	15.87	54.28	0.88	5.77	15.23	1.09	44.6
2.391	15.87	54.29	0.92	5.77	15.34	1.03	44.6
2.521	15.87	54.29	1.56	5.74	14.75	1.03	44.61
2.536	15.87	54.31	1.18	5.75	14.98	1.04	44.62
2.592	15.87	54.28	1.11	5.8	15.15	1.12	44.6
2.612	15.87	54.29	1.3	5.86	15.03	1.01	44.61
2.625	15.87	54.3	1.18	5.92	14.8	1.06	44.62
2.638	15.86	54.3	1.03	5.98	14.66	1.01	44.62
2.65	15.86	54.29	1.34	6.03	14.83	1.01	44.61
2.656	15.86	54.29	1.26	6.06	15.06	0.98	44.61
2.66	15.86	54.3	1.56	6.09	15.12	1.08	44.62
2.669	15.86	54.3	1.53	6.09	14.82	1.17	44.62
2.681	15.86	54.29	1.6	6.07	14.55	1.11	44.61
2.688	15.86	54.29	1.6	6.04	14.65	1.07	44.61
2.692	15.86	54.3	1.95	6.01	14.8	1.03	44.62
2.709	15.86	54.29	1.76	5.98	14.71	1.11	44.61
2.713	15.86	54.29	1.68	6.0	14.63	1.11	44.61
2.723	15.86	54.3	0.99	6.02	14.59	1.02	44.62
2.741	15.86	54.3	0.92	6.04	14.71	0.97	44.62
2.77	15.86	54.3	1.68	6.07	14.82	1.0	44.62
2.801	15.86	54.29	1.03	6.09	14.86	1.01	44.61
2.853	15.86	54.31	0.95	6.1	14.65	1.11	44.63
2.904	15.87	54.29	0.61	6.1	14.63	1.13	44.61

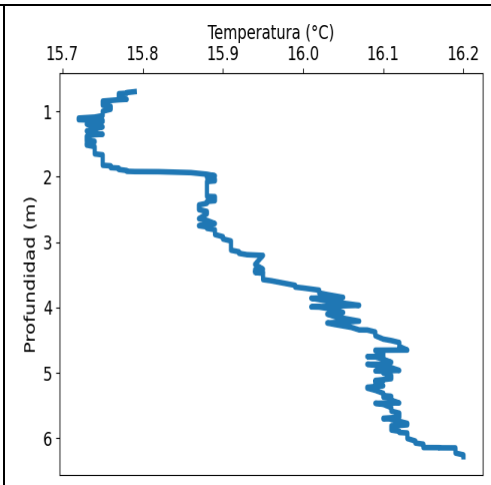
2.93	15.87	54.29	0.53	6.09	14.73	0.98	44.61
2.945	15.87	54.31	0.42	6.08	14.7	1.03	44.63
2.962	15.87	54.3	0.46	6.07	14.67	1.04	44.62
2.983	15.87	54.29	0.46	6.06	14.66	0.97	44.61
3.002	15.87	54.3	0.57	6.07	14.72	1.04	44.62
3.003	15.86	54.3	0.46	6.12	14.49	1.03	44.62
3.004	15.86	54.31	1.18	6.19	14.43	1.01	44.63
3.026	15.86	54.3	0.76	6.27	14.46	1.0	44.62
3.05	15.87	54.29	0.72	6.36	14.53	1.02	44.61
3.114	15.87	54.3	1.41	6.53	14.53	1.22	44.62
3.128	15.87	54.29	0.95	6.47	14.44	1.08	44.61
3.132	15.87	54.3	0.92	6.4	14.44	0.99	44.62
3.135	15.87	54.31	0.69	6.32	14.52	1.03	44.63
3.139	15.87	54.3	0.84	6.25	14.52	0.96	44.61
3.145	15.87	54.3	0.8	6.19	14.48	1.01	44.62
3.158	15.87	54.3	1.22	6.13	14.46	1.1	44.62
3.173	15.87	54.3	1.26	6.09	14.56	0.98	44.62
3.187	15.87	54.3	0.76	6.05	14.5	1.02	44.62
3.194	15.87	54.3	0.61	6.01	14.44	1.03	44.62
3.196	15.87	54.3	0.53	5.98	14.45	0.99	44.62
3.197	15.87	54.3	0.5	5.95	14.4	1.01	44.62
3.198	15.87	54.3	0.53	5.92	14.37	0.94	44.62
3.203	15.87	54.3	0.38	5.92	14.37	1.06	44.62
3.215	15.87	54.3	0.42	5.94	14.36	1.03	44.62
3.228	15.87	54.3	0.42	5.96	14.33	1.03	44.62
3.235	15.87	54.3	0.53	6.01	14.31	0.98	44.62
3.241	15.87	54.31	0.84	6.05	14.31	1.06	44.62
3.247	15.87	54.31	0.76	6.08	14.35	1.04	44.62
3.25	15.87	54.3	1.3	6.11	14.37	1.0	44.62
3.253	15.87	54.3	1.79	6.13	14.35	1.24	44.62
3.26	15.87	54.31	1.53	6.13	14.35	1.22	44.63
3.272	15.87	54.3	1.03	6.11	14.33	0.99	44.62
3.286	15.87	54.3	1.53	6.1	14.37	0.94	44.61
3.294	15.87	54.31	1.87	6.08	14.38	0.97	44.62
3.296	15.87	54.3	1.68	6.06	14.34	0.94	44.62
3.297	15.87	54.3	1.22	6.04	14.38	0.98	44.62
3.302	15.87	54.31	0.99	6.01	14.39	1.07	44.62
3.307	15.86	54.31	0.42	5.87	14.41	0.94	44.63
3.317	15.86	54.31	0.46	5.84	14.36	0.96	44.63
3.34	15.86	54.3	0.57	5.8	14.3	0.96	44.62
3.359	15.86	54.3	0.42	5.78	14.36	1.09	44.62
3.393	15.86	54.3	1.49	6.08	14.53	0.98	44.62
3.402	15.86	54.3	0.92	6.13	14.53	0.97	44.63
3.408	15.86	54.31	1.6	6.11	14.52	0.96	44.63
3.431	15.86	54.31	1.14	6.08	14.45	1.01	44.63
3.465	15.86	54.3	0.69	6.04	14.4	0.92	44.63
3.489	15.86	54.3	0.65	6.01	14.41	0.89	44.63
3.495	15.86	54.31	0.57	5.98	14.47	1.01	44.63
3.496	15.86	54.31	0.5	5.96	14.34	1.04	44.63
3.507	15.86	54.31	0.38	5.95	14.27	1.05	44.63
3.534	15.86	54.31	0.42	5.96	14.17	1.07	44.63
3.561	15.86	54.31	0.46	5.96	14.15	1.05	44.63
3.579	15.86	54.31	0.5	5.98	14.06	0.98	44.63
3.583	15.86	54.31	0.57	5.98	14.09	1.01	44.63
3.595	15.86	54.32	0.57	5.98	13.99	1.14	44.64
3.628	15.86	54.31	0.5	5.96	14.1	1.06	44.63
3.663	15.86	54.3	0.5	5.96	14.22	1.01	44.62
3.689	15.86	54.31	0.61	5.96	14.2	1.33	44.63

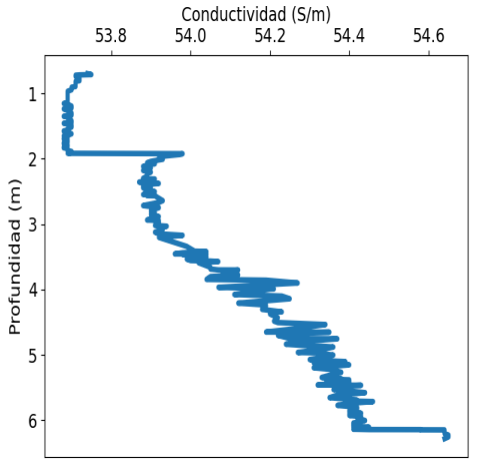
3.703	15.86	54.31	0.61	5.96	14.12	1.1	44.63
3.711	15.86	54.31	0.53	5.97	14.18	1.02	44.63
3.733	15.86	54.32	1.95	5.99	14.15	1.11	44.64
3.773	15.86	54.31	1.37	6.01	14.1	1.06	44.63
3.812	15.86	54.31	0.95	6.04	14.16	1.11	44.63
3.84	15.86	54.31	0.65	6.08	14.15	1.08	44.63
3.853	15.86	54.31	0.69	6.13	14.1	1.0	44.63
3.866	15.86	54.31	0.57	6.2	14.03	1.01	44.64
3.885	15.86	54.31	0.5	6.28	14.02	0.95	44.63
3.907	15.86	54.31	0.84	6.36	14.02	1.22	44.63
3.936	15.86	54.32	0.76	6.44	14.01	1.05	44.64
3.965	15.86	54.31	0.65	6.5	13.92	0.97	44.63
3.982	15.86	54.31	0.57	6.55	13.92	1.01	44.63
3.995	15.86	54.32	0.53	6.59	13.81	1.05	44.64
4.02	15.86	54.32	0.53	6.61	13.78	0.92	44.64
4.054	15.86	54.31	0.92	6.63	13.7	0.97	44.63
4.083	15.86	54.31	0.69	6.63	13.68	1.0	44.63
4.108	15.86	54.32	0.5	6.63	13.61	1.05	44.64
4.137	15.86	54.31	0.53	6.62	13.55	0.99	44.64
4.168	15.86	54.31	0.72	6.61	13.44	1.03	44.63
4.193	15.86	54.31	0.8	6.61	13.47	0.97	44.64
4.225	15.86	54.32	0.88	6.62	13.42	0.95	44.64
4.265	15.86	54.31	0.76	6.62	13.36	1.0	44.64
4.301	15.86	54.31	0.61	6.62	13.39	0.97	44.63
4.331	15.86	54.32	0.8	6.63	13.38	1.01	44.64
4.375	15.86	54.32	0.84	6.62	13.34	1.03	44.64
4.416	15.86	54.31	0.84	6.61	13.32	1.05	44.63
4.444	15.86	54.31	0.76	6.58	13.35	1.02	44.64
4.468	15.86	54.32	0.61	6.56	13.31	1.01	44.64
4.496	15.86	54.31	0.61	6.53	13.28	1.08	44.64
4.524	15.86	54.31	0.61	6.52	13.27	1.25	44.64
4.553	15.86	54.32	1.03	6.53	13.24	1.05	44.64
4.58	15.86	54.32	0.76	6.53	13.26	1.13	44.64
4.609	15.86	54.31	0.65	6.55	13.21	1.24	44.64
4.633	15.86	54.32	0.65	6.59	13.13	1.16	44.64
4.658	15.86	54.32	0.69	6.63	13.11	1.07	44.64
4.685	15.86	54.31	0.38	6.66	13.1	1.11	44.64
4.715	15.86	54.31	0.42	6.69	13.07	1.09	44.64
4.74	15.86	54.31	0.57	6.7	13.04	1.08	44.64
4.758	15.86	54.32	0.34	6.7	12.94	1.02	44.64
4.784	15.86	54.32	0.46	6.68	12.88	1.01	44.64
4.803	15.86	54.31	0.5	6.64	12.86	0.96	44.64
4.824	15.86	54.32	0.5	6.59	12.8	1.08	44.64
4.851	15.86	54.32	0.53	6.53	12.73	0.95	44.64
4.876	15.86	54.32	0.53	6.46	12.7	0.96	44.64
4.905	15.86	54.32	0.42	6.4	12.58	1.01	44.64
4.942	15.86	54.32	0.53	6.34	12.5	0.98	44.64
4.974	15.86	54.31	0.46	6.28	12.46	0.92	44.64
4.997	15.86	54.32	0.53	6.22	12.46	1.06	44.64
5.012	15.86	54.32	0.65	6.18	12.47	0.96	44.64
5.022	15.86	54.31	0.5	6.15	12.47	0.98	44.64
5.032	15.86	54.32	1.14	6.12	12.47	0.99	44.64
5.038	15.86	54.31	0.92	6.1	12.55	0.98	44.64
5.04	15.86	54.32	0.88	6.1	12.6	1.01	44.64
5.058	15.86	54.32	1.07	6.11	12.53	1.02	44.64
5.1	15.86	54.32	0.8	6.13	12.45	1.07	44.64
5.147	15.86	54.32	0.76	6.15	12.41	1.02	44.64
5.185	15.86	54.32	0.42	6.18	12.4	1.01	44.64

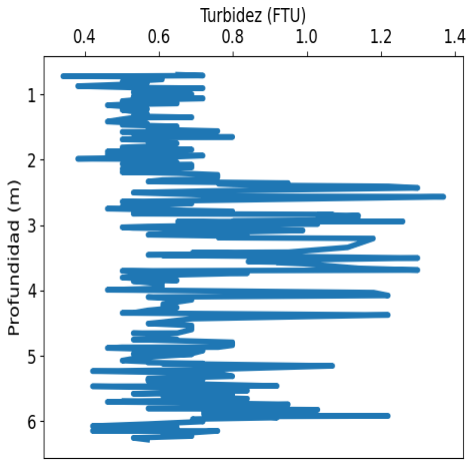
5.204	15.86	54.32	0.5	6.22	12.4	0.99	44.64
5.214	15.86	54.32	0.38	6.26	12.4	1.05	44.64
5.228	15.86	54.32	0.53	6.29	12.37	1.15	44.64
5.253	15.86	54.32	0.42	6.32	12.33	1.22	44.64
5.281	15.86	54.31	0.57	6.34	12.26	1.11	44.64
5.304	15.86	54.32	0.42	6.36	12.24	1.19	44.64
5.319	15.86	54.32	0.5	6.38	12.23	0.98	44.64
5.332	15.86	54.32	0.61	6.39	12.19	1.04	44.64
5.353	15.86	54.32	0.57	6.38	12.11	0.98	44.64
5.378	15.86	54.32	0.69	6.38	12.02	0.95	44.64
5.408	15.86	54.32	0.76	6.37	11.94	0.93	44.64
5.432	15.86	54.32	0.69	6.36	11.85	0.93	44.64
5.439	15.86	54.32	0.57	6.31	11.7	0.89	44.64
5.44	15.86	54.32	1.56	6.26	11.72	0.89	44.64
5.443	15.86	54.32	1.91	6.23	11.76	0.98	44.64
5.445	15.86	54.32	1.22	6.19	11.82	0.91	44.64
5.453	15.86	54.32	1.91	6.11	11.89	1.01	44.64

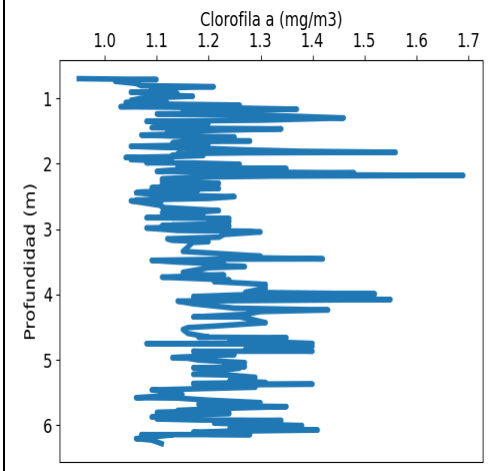
Nombre: CTD E03 - Punto 004 **Fecha: 28/11/2023** **Hora: 08:11:17**

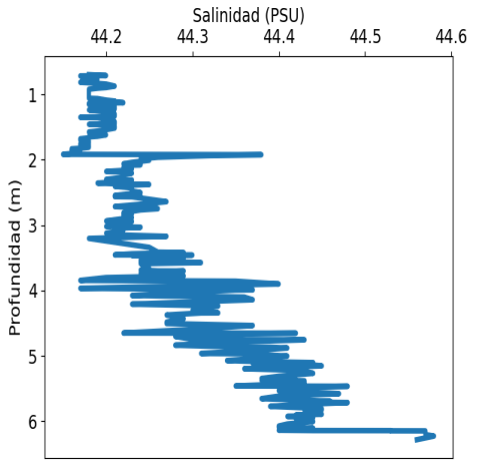


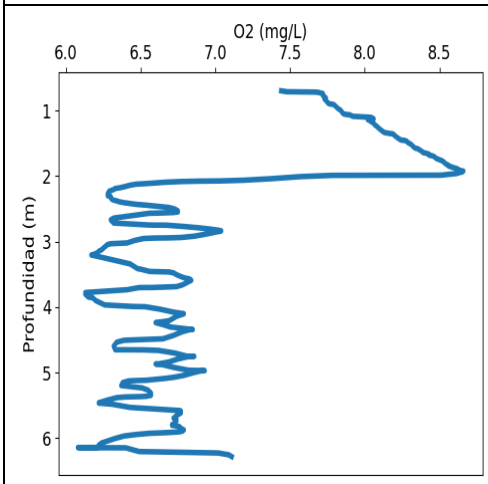


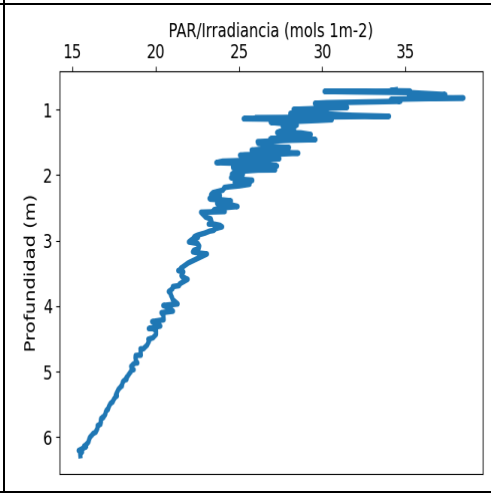


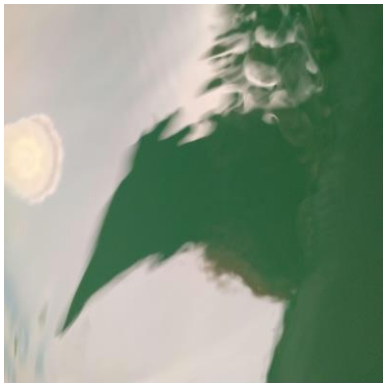












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.72	53.68	0.34	6.08	15.37	0.95	44.15
PROF (metros)	1.105	1.157	0.725	6.144	6.205	0.701	1.919
MÁXIMO	16.2	16.2	1.37	8.66	38.49	1.69	44.58
PROF (metros)	6.255	6.227	2.569	1.925	0.825	2.181	6.227

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	15.77	53.71	0.56	7.71	33.57	1.09	44.18
1 - 2m	15.76	53.71	0.57	8.3	27.3	1.17	44.2
2 - 3m	15.88	53.9	0.77	6.63	23.89	1.18	44.23
3 - 4m	15.96	54.03	0.77	6.47	21.6	1.23	44.25
4 - 5m	16.09	54.25	0.68	6.68	19.46	1.25	44.33
5 - 6m	16.11	54.38	0.7	6.59	17.26	1.2	44.42
6 - 7m	16.16	54.52	0.6	6.41	15.74	1.19	44.48

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	15.79	53.74	0.65	7.44	34.43	0.95	44.18
0.715	15.78	53.75	0.72	7.48	34.09	1.1	44.2
0.72	15.78	53.72	0.57	7.67	35.28	1.05	44.17
0.725	15.78	53.71	0.34	7.69	30.14	1.05	44.18
0.732	15.77	53.71	0.57	7.7	31.91	1.02	44.18
0.742	15.77	53.71	0.57	7.72	35.1	1.02	44.18
0.774	15.77	53.72	0.61	7.72	37.4	1.06	44.19
0.809	15.77	53.72	0.5	7.74	36.67	1.07	44.18
0.818	15.78	53.71	0.53	7.73	35.19	1.17	44.17
0.825	15.77	53.71	0.57	7.73	38.49	1.21	44.18
0.845	15.75	53.71	0.53	7.74	34.14	1.09	44.2
0.876	15.75	53.71	0.38	7.75	34.7	1.11	44.21
0.898	15.75	53.71	0.53	7.76	30.26	1.11	44.2
0.908	15.75	53.7	0.72	7.79	29.56	1.05	44.19
0.924	15.76	53.7	0.57	7.8	31.13	1.14	44.18
0.948	15.76	53.7	0.57	7.81	30.74	1.11	44.18
0.97	15.76	53.69	0.53	7.82	31.5	1.17	44.18
1.0	15.75	53.69	0.69	7.84	28.28	1.07	44.18
1.035	15.75	53.69	0.53	7.85	29.21	1.05	44.18
1.055	15.75	53.69	0.53	7.86	30.31	1.1	44.18
1.062	15.75	53.69	0.72	7.88	28.08	1.12	44.18
1.067	15.75	53.69	0.72	7.9	30.12	1.04	44.19
1.09	15.74	53.69	0.53	7.92	31.79	1.11	44.2
1.105	15.72	53.69	0.5	8.04	34.02	1.26	44.21
1.114	15.72	53.69	0.57	8.05	30.01	1.14	44.21
1.13	15.72	53.69	0.65	8.06	25.97	1.03	44.22
1.141	15.75	53.69	0.57	8.03	30.1	1.19	44.18
1.142	15.74	53.69	0.65	8.02	25.28	1.2	44.19
1.157	15.75	53.68	0.5	8.04	30.58	1.3	44.18
1.168	15.74	53.69	0.46	8.04	29.72	1.37	44.2
1.197	15.73	53.7	0.53	8.06	26.91	1.15	44.21
1.227	15.74	53.7	0.57	8.07	28.17	1.24	44.21
1.24	15.75	53.68	0.5	8.08	28.48	1.1	44.18
1.264	15.74	53.69	0.53	8.09	27.63	1.32	44.2
1.302	15.73	53.7	0.57	8.11	28.31	1.46	44.21

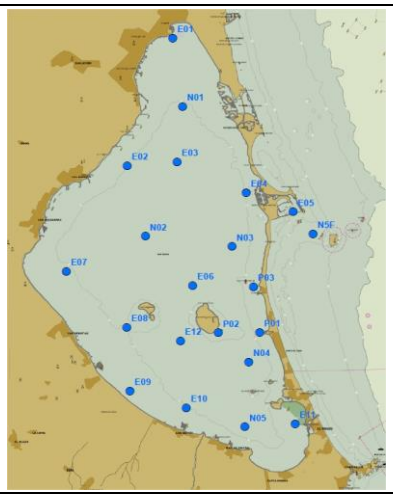
1.336	15.74	53.7	0.53	8.13	27.44	1.3	44.21
1.353	15.75	53.68	0.69	8.17	27.29	1.08	44.17
1.359	15.74	53.69	0.53	8.19	28.72	1.17	44.19
1.383	15.73	53.69	0.5	8.2	29.32	1.2	44.2
1.419	15.73	53.7	0.46	8.22	27.89	1.16	44.21
1.45	15.73	53.7	0.57	8.24	26.88	1.09	44.21
1.46	15.74	53.68	0.5	8.27	29.6	1.17	44.18
1.469	15.74	53.69	0.5	8.28	28.17	1.34	44.2
1.492	15.73	53.7	0.65	8.29	26.12	1.21	44.21
1.518	15.73	53.7	0.57	8.31	26.16	1.12	44.21
1.542	15.74	53.69	0.61	8.32	26.78	1.17	44.2
1.563	15.74	53.69	0.76	8.33	26.9	1.07	44.19
1.577	15.74	53.68	0.5	8.34	27.52	1.12	44.18
1.581	15.74	53.68	0.57	8.35	28.01	1.14	44.18
1.592	15.74	53.69	0.53	8.36	27.19	1.25	44.19
1.621	15.74	53.7	0.57	8.38	25.76	1.19	44.2
1.643	15.74	53.69	0.57	8.39	26.18	1.19	44.19
1.653	15.74	53.68	0.8	8.41	27.54	1.28	44.18
1.667	15.75	53.69	0.53	8.43	28.57	1.15	44.18
1.682	15.75	53.69	0.53	8.43	27.35	1.13	44.17
1.692	15.75	53.68	0.5	8.45	25.36	1.17	44.17
1.699	15.75	53.68	0.57	8.46	25.06	1.2	44.17
1.715	15.75	53.69	0.57	8.47	26.16	1.17	44.18
1.735	15.75	53.69	0.57	8.48	26.78	1.05	44.18
1.752	15.75	53.69	0.65	8.5	27.43	1.11	44.18
1.761	15.75	53.68	0.61	8.51	27.07	1.17	44.17
1.772	15.75	53.68	0.61	8.52	26.21	1.21	44.17
1.79	15.75	53.69	0.61	8.53	24.02	1.27	44.18
1.812	15.75	53.69	0.5	8.54	23.64	1.38	44.18
1.827	15.75	53.68	0.5	8.55	25.64	1.56	44.17
1.835	15.76	53.68	0.61	8.56	26.8	1.27	44.16
1.847	15.76	53.69	0.69	8.56	26.85	1.14	44.16
1.863	15.76	53.69	0.53	8.58	27.29	1.16	44.17
1.87	15.77	53.69	0.57	8.59	26.26	1.13	44.16
1.877	15.77	53.69	0.46	8.6	24.64	1.19	44.16
1.891	15.77	53.7	0.61	8.62	24.65	1.14	44.16
1.907	15.78	53.7	0.53	8.63	26.0	1.04	44.16
1.919	15.78	53.69	0.46	8.64	27.05	1.08	44.15
1.923	15.79	53.89	0.53	8.64	27.18	1.11	44.33
1.925	15.82	53.98	0.61	8.66	26.14	1.07	44.38
1.939	15.86	53.97	0.72	8.65	25.33	1.05	44.32
1.964	15.88	53.93	0.61	8.61	24.78	1.13	44.26
1.988	15.89	53.92	0.38	8.51	24.57	1.08	44.24
1.991	15.88	53.93	0.53	7.78	25.24	1.17	44.25
2.01	15.88	53.93	0.53	7.57	25.18	1.26	44.25
2.042	15.89	53.9	0.65	7.37	24.52	1.14	44.23
2.065	15.89	53.89	0.5	7.19	25.0	1.16	44.22
2.076	15.88	53.9	0.53	7.03	25.59	1.35	44.23
2.079	15.88	53.91	0.69	6.89	25.8	1.29	44.24
2.085	15.88	53.89	0.61	6.77	25.8	1.23	44.23
2.095	15.88	53.89	0.53	6.67	25.32	1.14	44.23
2.11	15.88	53.9	0.69	6.58	24.74	1.11	44.23
2.119	15.88	53.88	0.69	6.52	25.24	1.1	44.22
2.125	15.88	53.89	0.65	6.47	25.6	1.2	44.22
2.141	15.88	53.9	0.5	6.43	25.64	1.48	44.23
2.165	15.88	53.89	0.53	6.39	25.04	1.24	44.22
2.181	15.88	53.88	0.61	6.36	24.4	1.69	44.2
2.191	15.88	53.89	0.5	6.33	24.12	1.32	44.22

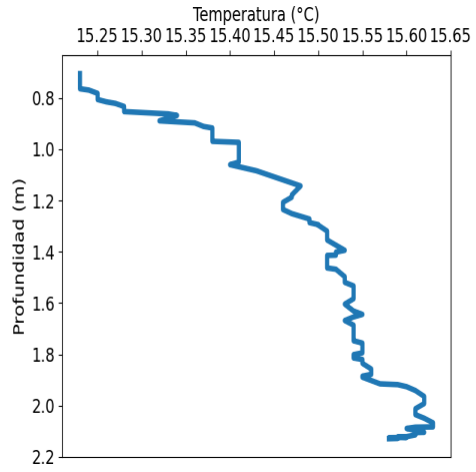
2.207	15.88	53.9	0.65	6.32	24.1	1.17	44.23
2.232	15.88	53.89	0.76	6.29	24.03	1.11	44.22
2.27	15.88	53.89	0.76	6.28	23.44	1.11	44.22
2.302	15.88	53.88	0.72	6.28	23.32	1.22	44.2
2.307	15.89	53.88	0.65	6.29	23.56	1.11	44.2
2.312	15.89	53.91	0.61	6.3	23.86	1.16	44.23
2.335	15.89	53.9	0.57	6.3	23.34	1.11	44.22
2.359	15.89	53.87	0.95	6.31	23.23	1.14	44.19
2.369	15.89	53.89	0.76	6.32	23.28	1.09	44.21
2.38	15.88	53.92	0.8	6.34	23.97	1.22	44.25
2.395	15.88	53.89	0.92	6.36	24.52	1.13	44.22
2.408	15.88	53.88	1.22	6.39	24.18	1.18	44.21
2.433	15.87	53.9	1.3	6.47	23.68	1.07	44.23
2.446	15.87	53.88	1.14	6.54	24.38	1.06	44.23
2.481	15.87	53.89	0.72	6.69	24.92	1.11	44.23
2.505	15.87	53.91	0.53	6.73	23.84	1.25	44.24
2.533	15.88	53.89	0.69	6.75	23.49	1.2	44.22
2.549	15.88	53.88	0.76	6.75	24.11	1.1	44.21
2.558	15.88	53.91	0.72	6.72	24.15	1.06	44.24
2.566	15.88	53.89	1.34	6.62	23.06	1.11	44.21
2.569	15.88	53.91	1.37	6.56	22.72	1.05	44.23
2.643	15.87	53.93	0.5	6.32	23.0	1.11	44.27
2.67	15.88	53.92	0.69	6.3	23.31	1.11	44.25
2.718	15.89	53.88	0.5	6.32	23.36	1.22	44.21
2.749	15.87	53.92	0.5	6.56	23.18	1.17	44.26
2.751	15.87	53.92	0.46	6.67	23.52	1.11	44.26
2.769	15.88	53.91	0.61	6.78	23.86	1.15	44.24
2.791	15.88	53.9	0.8	6.89	23.99	1.19	44.23
2.812	15.89	53.9	0.8	6.97	23.68	1.17	44.22
2.828	15.89	53.91	0.53	7.02	23.51	1.08	44.23
2.838	15.89	53.9	1.07	7.04	23.5	1.24	44.22
2.845	15.89	53.9	1.03	7.03	23.49	1.23	44.22
2.857	15.89	53.9	1.14	7.0	23.24	1.2	44.22
2.886	15.89	53.92	1.03	6.94	22.96	1.24	44.23
2.919	15.9	53.9	1.14	6.86	22.51	1.22	44.21
2.939	15.9	53.89	0.8	6.77	22.34	1.13	44.2
2.945	15.9	53.92	1.26	6.68	22.31	1.14	44.23
2.947	15.9	53.92	0.65	6.6	22.51	1.11	44.23
2.954	15.9	53.91	0.72	6.52	22.54	1.24	44.21
2.984	15.91	53.92	1.03	6.46	22.18	1.08	44.22
3.022	15.91	53.91	0.57	6.41	21.99	1.14	44.2
3.034	15.91	53.94	0.5	6.3	22.27	1.28	44.24
3.045	15.91	53.92	0.53	6.28	22.52	1.3	44.22
3.083	15.91	53.93	0.99	6.26	22.62	1.23	44.22
3.125	15.91	53.91	0.65	6.24	22.58	1.22	44.2
3.15	15.92	53.92	0.57	6.22	22.29	1.12	44.21
3.173	15.92	53.98	0.84	6.21	22.23	1.13	44.27
3.194	15.93	53.94	0.76	6.19	22.66	1.2	44.21
3.205	15.95	53.92	1.18	6.17	23.08	1.17	44.18
3.342	15.94	53.99	1.11	6.43	21.96	1.15	44.25
3.415	15.95	54.01	0.95	6.48	21.56	1.3	44.26
3.422	15.94	54.04	0.69	6.5	21.51	1.23	44.29
3.44	15.94	53.98	0.88	6.53	21.53	1.29	44.23
3.457	15.95	53.96	0.57	6.56	21.47	1.42	44.21
3.459	15.94	54.02	0.76	6.6	21.35	1.27	44.27
3.46	15.94	54.04	0.76	6.64	21.38	1.24	44.3
3.465	15.94	53.98	0.61	6.69	21.54	1.21	44.23
3.479	15.95	54.01	0.92	6.72	21.66	1.09	44.25

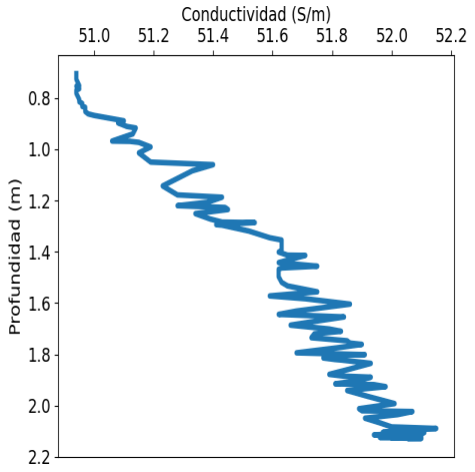
3.505	15.95	54.04	1.3	6.74	21.59	1.14	44.29
3.536	15.95	53.99	0.95	6.77	21.54	1.23	44.24
3.559	15.95	54.0	0.84	6.8	21.61	1.21	44.24
3.567	15.95	54.05	0.92	6.82	21.73	1.26	44.29
3.575	15.95	54.07	0.92	6.83	21.76	1.27	44.31
3.592	15.96	54.02	0.99	6.84	21.92	1.2	44.24
3.662	15.99	54.05	1.14	6.78	21.44	1.15	44.25
3.689	15.99	54.05	1.3	6.74	21.4	1.17	44.24
3.702	16.0	54.07	0.5	6.58	21.05	1.2	44.26
3.703	16.0	54.12	0.53	6.49	21.03	1.23	44.29
3.736	16.02	54.08	0.84	6.41	21.01	1.11	44.24
3.779	16.02	54.12	0.53	6.13	20.78	1.24	44.29
3.804	16.03	54.05	0.5	6.13	20.89	1.21	44.2
3.847	16.05	54.04	0.65	6.15	20.93	1.31	44.17
3.859	16.01	54.19	0.53	6.18	20.97	1.3	44.35
3.902	16.03	54.27	0.61	6.2	21.02	1.31	44.4
3.968	16.07	54.07	0.61	6.26	21.32	1.27	44.17
3.992	16.01	54.21	0.46	6.45	20.45	1.52	44.37
3.995	16.02	54.2	0.53	6.53	20.49	1.3	44.35
4.033	16.04	54.16	1.18	6.63	20.84	1.17	44.29
4.078	16.05	54.11	1.22	6.72	21.04	1.55	44.23
4.102	16.03	54.23	0.57	6.79	20.34	1.14	44.36
4.143	16.04	54.25	0.69	6.74	20.46	1.17	44.37
4.21	16.07	54.12	0.61	6.69	20.48	1.25	44.23
4.238	16.03	54.19	0.61	6.6	19.78	1.43	44.33
4.262	16.04	54.19	0.65	6.64	20.05	1.3	44.32
4.305	16.06	54.18	0.57	6.7	20.28	1.27	44.3
4.344	16.07	54.23	0.53	6.85	19.58	1.17	44.33
4.345	16.08	54.22	0.5	6.83	19.84	1.26	44.31
4.376	16.09	54.2	1.22	6.78	20.02	1.28	44.27
4.433	16.09	54.22	0.69	6.72	20.02	1.31	44.29
4.485	16.1	54.21	0.61	6.65	19.83	1.21	44.27
4.507	16.11	54.22	0.57	6.39	19.55	1.16	44.27
4.537	16.12	54.34	0.69	6.34	19.6	1.15	44.37
4.597	16.12	54.27	0.69	6.32	19.48	1.16	44.3
4.652	16.13	54.19	0.65	6.33	19.26	1.2	44.22
4.654	16.09	54.35	0.53	6.52	19.08	1.18	44.42
4.662	16.09	54.31	0.57	6.62	19.1	1.35	44.37
4.703	16.1	54.22	0.57	6.73	19.09	1.24	44.28
4.75	16.1	54.25	0.65	6.81	19.11	1.4	44.3
4.752	16.08	54.28	0.53	6.86	18.92	1.08	44.36
4.756	16.09	54.37	0.57	6.82	18.79	1.3	44.43
4.793	16.1	54.29	0.8	6.75	18.78	1.4	44.34
4.838	16.11	54.24	0.8	6.69	18.82	1.27	44.28
4.868	16.1	54.31	0.76	6.62	18.9	1.4	44.36
4.869	16.08	54.33	0.5	6.6	18.8	1.17	44.39
4.881	16.09	54.36	0.46	6.65	18.68	1.21	44.41
4.921	16.11	54.33	0.72	6.72	18.52	1.25	44.37
4.964	16.12	54.27	0.69	6.82	18.61	1.13	44.31
4.971	16.09	54.32	0.53	6.93	18.68	1.13	44.38
4.976	16.1	54.32	0.69	6.9	18.54	1.16	44.37
5.004	16.1	54.36	0.61	6.85	18.5	1.18	44.41
5.043	16.11	54.33	0.53	6.79	18.38	1.27	44.37
5.073	16.11	54.3	0.5	6.72	18.31	1.23	44.34
5.09	16.11	54.34	0.57	6.66	18.24	1.25	44.38
5.104	16.1	54.39	0.57	6.6	18.22	1.27	44.44
5.117	16.09	54.32	0.72	6.54	18.25	1.21	44.38
5.121	16.1	54.31	0.61	6.48	18.24	1.17	44.37

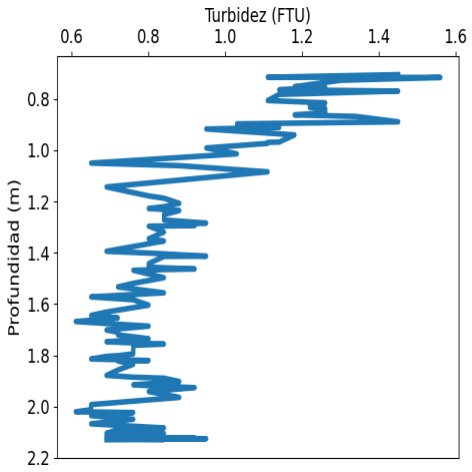
5.127	16.09	54.38	0.72	6.42	18.15	1.26	44.43
5.154	16.09	54.4	1.07	6.38	18.03	1.23	44.45
5.198	16.1	54.31	0.8	6.37	17.98	1.21	44.36
5.221	16.08	54.35	0.61	6.46	17.97	1.17	44.42
5.234	16.08	54.36	0.42	6.51	17.89	1.24	44.43
5.268	16.09	54.38	0.76	6.55	17.77	1.29	44.44
5.313	16.1	54.35	0.8	6.57	17.68	1.24	44.4
5.347	16.1	54.33	0.57	6.57	17.62	1.31	44.38
5.361	16.11	54.37	0.72	6.54	17.63	1.17	44.41
5.366	16.1	54.38	0.57	6.51	17.61	1.17	44.42
5.369	16.1	54.36	0.65	6.46	17.62	1.2	44.4
5.372	16.1	54.34	0.61	6.4	17.67	1.4	44.38
5.383	16.11	54.4	0.57	6.34	17.6	1.25	44.43
5.419	16.11	54.4	0.61	6.28	17.49	1.29	44.43
5.461	16.12	54.32	0.92	6.22	17.41	1.09	44.35
5.466	16.09	54.43	0.42	6.22	17.41	1.1	44.48
5.483	16.1	54.38	0.61	6.31	17.29	1.12	44.43
5.532	16.11	54.36	0.84	6.43	17.19	1.15	44.4
5.579	16.11	54.44	0.53	6.76	17.13	1.06	44.47
5.585	16.11	54.43	0.8	6.77	17.06	1.14	44.46
5.617	16.12	54.37	0.61	6.77	17.0	1.2	44.4
5.655	16.12	54.35	0.84	6.74	16.97	1.3	44.38
5.679	16.12	54.4	0.72	6.73	16.9	1.18	44.43
5.695	16.1	54.42	0.5	6.72	16.82	1.24	44.46
5.704	16.1	54.4	0.57	6.73	16.85	1.21	44.44
5.705	16.11	54.39	0.46	6.74	16.84	1.25	44.42
5.715	16.11	54.46	0.65	6.74	16.72	1.35	44.48
5.742	16.12	54.4	0.95	6.74	16.7	1.23	44.43
5.773	16.13	54.37	0.76	6.73	16.71	1.14	44.39
5.795	16.13	54.41	0.8	6.71	16.68	1.14	44.43
5.805	16.12	54.42	0.57	6.71	16.68	1.1	44.44
5.81	16.11	54.42	0.69	6.73	16.61	1.24	44.45
5.824	16.11	54.42	1.03	6.76	16.51	1.24	44.45
5.85	16.11	54.4	0.72	6.77	16.51	1.11	44.43
5.875	16.11	54.4	0.72	6.79	16.49	1.09	44.43
5.894	16.12	54.43	0.72	6.78	16.44	1.14	44.45
5.904	16.12	54.4	0.8	6.76	16.42	1.1	44.42
5.912	16.12	54.42	0.84	6.71	16.42	1.14	44.44
5.92	16.13	54.41	1.22	6.64	16.41	1.18	44.42
5.927	16.13	54.4	0.88	6.56	16.38	1.34	44.41
5.945	16.13	54.43	0.92	6.47	16.24	1.22	44.44
5.968	16.13	54.42	0.69	6.39	16.17	1.21	44.42
6.005	16.13	54.44	0.72	6.33	16.04	1.38	44.44
6.043	16.14	54.41	0.57	6.28	15.99	1.24	44.41
6.074	16.14	54.41	0.42	6.24	15.96	1.41	44.4
6.091	16.15	54.41	0.65	6.23	15.91	1.24	44.4
6.107	16.15	54.45	0.65	6.22	15.84	1.17	44.44
6.126	16.15	54.43	0.65	6.22	15.77	1.21	44.42
6.138	16.15	54.41	0.53	6.22	15.69	1.2	44.4
6.143	16.15	54.45	0.53	6.2	15.72	1.28	44.44
6.144	16.17	54.58	0.61	6.08	15.8	1.07	44.53
6.147	16.17	54.58	0.42	6.1	15.7	1.13	44.53
6.148	16.19	54.64	0.76	6.4	15.81	1.13	44.57
6.205	16.19	54.64	0.61	6.49	15.37	1.06	44.57
6.227	16.19	54.65	0.69	7.02	15.58	1.09	44.58
6.255	16.2	54.65	0.53	7.09	15.46	1.1	44.57
6.283	16.2	54.64	0.57	7.11	15.47	1.11	44.56

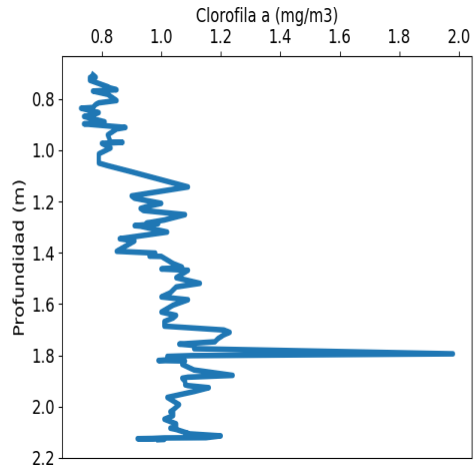
Nombre: CTD E01 - Punto 005 **Fecha: 28/11/2023** **Hora: 08:11:38**

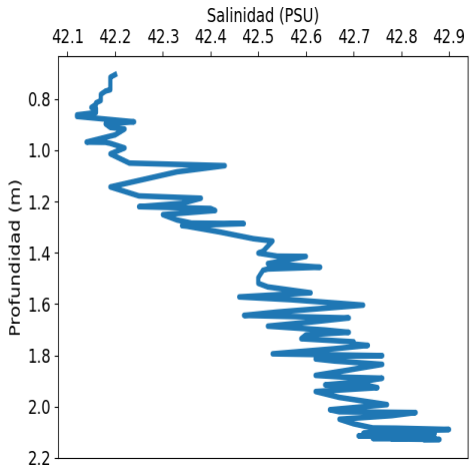


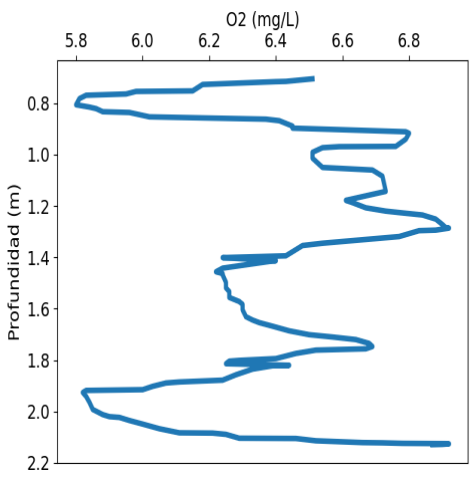


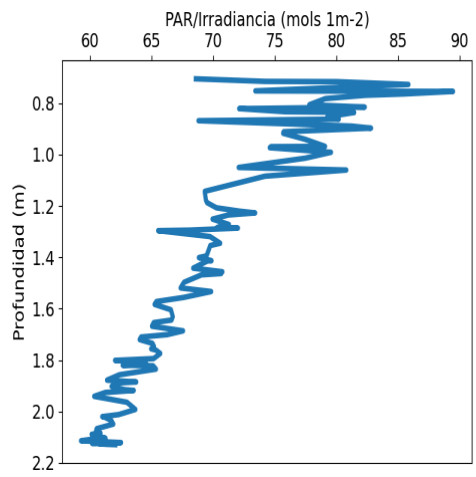












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.23	50.94	0.61	5.81	59.27	0.73	42.12
PROF (metros)	0.705	0.705	1.668	0.782	2.114	0.836	0.862
MÁXIMO	15.63	15.63	1.56	6.92	89.46	1.98	42.9
PROF (metros)	2.067	2.089	0.716	1.286	0.754	1.794	2.089

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.3	51.01	1.21	6.27	78.34	0.8	42.18
1 - 2m	15.52	51.66	0.79	6.42	67.26	1.04	42.54
2 - 3m	15.6	52.01	0.76	6.39	61.11	1.04	42.78

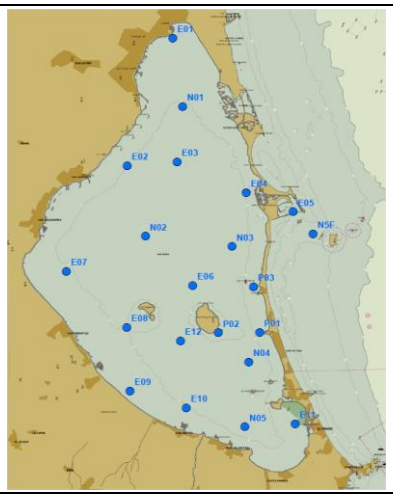
OBSERVACIONES GENERALES

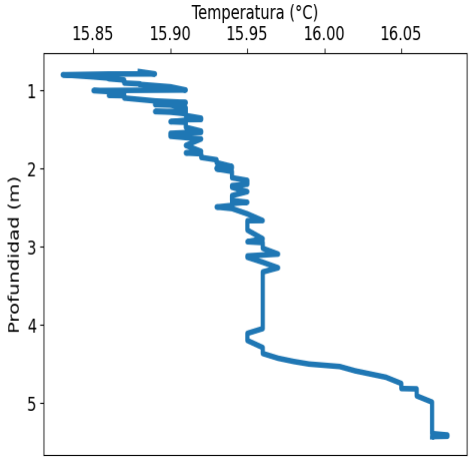
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	15.23	50.94	1.45	6.51	68.59	0.77	42.2
0.715	15.23	50.94	1.11	6.43	74.22	0.78	42.19
0.716	15.23	50.94	1.56	6.4	80.0	0.76	42.19
0.727	15.23	50.94	1.3	6.18	85.84	0.76	42.19
0.752	15.23	50.95	1.18	6.15	73.41	0.82	42.19
0.754	15.23	50.94	1.26	5.98	89.46	0.82	42.19
0.764	15.23	50.95	1.14	5.95	85.43	0.85	42.19
0.769	15.24	50.94	1.45	5.83	82.35	0.77	42.18
0.782	15.25	50.94	1.14	5.81	79.1	0.82	42.17
0.806	15.25	50.95	1.11	5.8	77.79	0.85	42.17
0.815	15.26	50.95	1.26	5.84	82.3	0.79	42.16
0.821	15.27	50.96	1.22	5.86	72.1	0.78	42.16
0.833	15.28	50.96	1.22	5.88	75.83	0.77	42.15
0.836	15.28	50.97	1.26	5.96	81.44	0.73	42.16
0.853	15.28	50.97	1.26	6.02	79.25	0.79	42.16
0.862	15.33	50.98	1.18	6.37	80.19	0.77	42.12
0.868	15.34	51.0	1.34	6.41	68.8	0.74	42.12
0.889	15.32	51.1	1.45	6.45	81.22	0.81	42.24
0.897	15.36	51.08	1.03	6.45	82.81	0.74	42.18
0.911	15.37	51.11	1.14	6.79	75.71	0.88	42.19
0.917	15.38	51.14	0.95	6.8	75.67	0.85	42.22
0.94	15.38	51.13	1.18	6.79	77.43	0.82	42.2
0.968	15.38	51.06	1.14	6.76	79.08	0.83	42.14
0.969	15.38	51.12	1.11	6.59	74.68	0.87	42.18
0.973	15.41	51.15	1.11	6.54	74.58	0.8	42.19
0.991	15.41	51.19	0.95	6.51	79.56	0.83	42.22
1.014	15.41	51.15	1.03	6.51	77.45	0.79	42.19
1.05	15.41	51.19	0.65	6.54	72.06	0.79	42.23
1.06	15.4	51.4	0.88	6.69	80.8	0.82	42.43
1.084	15.43	51.33	1.11	6.72	74.2	0.9	42.33
1.143	15.48	51.23	0.69	6.73	69.31	1.09	42.19
1.178	15.47	51.28	0.8	6.61	69.41	0.9	42.25
1.187	15.47	51.43	0.84	6.63	69.5	0.91	42.38
1.207	15.46	51.38	0.88	6.67	70.26	1.0	42.34
1.22	15.46	51.28	0.84	6.73	72.11	0.95	42.25
1.227	15.46	51.44	0.8	6.78	73.41	0.93	42.4
1.235	15.46	51.45	0.88	6.84	71.23	0.94	42.41
1.251	15.47	51.34	0.84	6.88	69.94	1.08	42.3
1.272	15.49	51.39	0.84	6.9	71.28	1.01	42.33

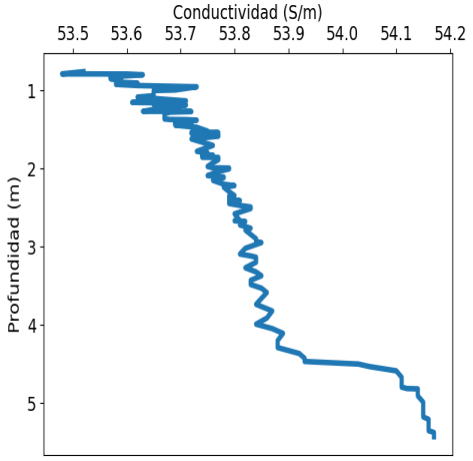
1.284	15.49	51.43	0.95	6.91	70.31	0.95	42.36
1.286	15.49	51.54	0.92	6.92	72.01	0.99	42.47
1.294	15.5	51.41	0.92	6.88	68.1	0.91	42.34
1.296	15.5	51.43	0.8	6.83	65.53	0.93	42.35
1.319	15.51	51.52	0.84	6.77	69.74	1.02	42.42
1.345	15.51	51.59	0.8	6.54	70.57	0.86	42.49
1.354	15.51	51.63	0.84	6.48	69.76	0.91	42.53
1.394	15.53	51.63	0.69	6.43	69.46	0.85	42.51
1.401	15.52	51.62	0.8	6.24	68.83	0.98	42.5
1.413	15.52	51.65	0.95	6.4	69.87	0.96	42.54
1.414	15.51	51.71	0.84	6.39	69.54	1.0	42.6
1.442	15.51	51.62	0.8	6.24	68.37	1.04	42.52
1.456	15.51	51.75	0.8	6.22	70.75	1.07	42.63
1.463	15.51	51.63	0.92	6.24	70.64	1.0	42.52
1.468	15.52	51.62	0.76	6.24	69.05	1.09	42.51
1.497	15.53	51.62	0.84	6.25	67.63	1.05	42.5
1.519	15.53	51.63	0.76	6.25	67.35	1.13	42.5
1.533	15.54	51.65	0.72	6.26	69.84	1.05	42.52
1.556	15.54	51.75	0.84	6.26	67.6	1.03	42.61
1.572	15.54	51.59	0.65	6.29	65.39	1.0	42.46
1.583	15.54	51.71	0.76	6.3	65.24	1.09	42.57
1.604	15.53	51.86	0.8	6.3	66.57	1.04	42.72
1.631	15.54	51.68	0.69	6.31	66.72	1.0	42.54
1.644	15.55	51.62	0.65	6.33	66.62	1.05	42.47
1.654	15.54	51.84	0.72	6.35	65.17	1.04	42.69
1.668	15.53	51.76	0.61	6.39	65.03	1.01	42.62
1.686	15.54	51.66	0.8	6.44	67.56	1.01	42.52
1.701	15.54	51.79	0.69	6.5	66.25	1.21	42.64
1.71	15.54	51.83	0.72	6.57	64.15	1.23	42.69
1.72	15.54	51.74	0.72	6.64	64.03	1.21	42.6
1.735	15.54	51.73	0.8	6.68	65.08	1.19	42.59
1.747	15.54	51.85	0.69	6.69	65.2	1.18	42.7
1.756	15.55	51.86	0.84	6.67	64.96	1.06	42.7
1.761	15.55	51.9	0.76	6.52	65.36	1.11	42.73
1.774	15.55	51.82	0.76	6.46	65.71	1.11	42.66
1.794	15.55	51.68	0.76	6.4	65.17	1.98	42.53
1.801	15.54	51.91	0.72	6.29	62.03	1.1	42.76
1.804	15.54	51.81	0.69	6.26	63.01	1.02	42.66
1.814	15.54	51.77	0.65	6.25	64.56	1.06	42.62
1.82	15.55	51.81	0.8	6.44	62.65	0.99	42.65
1.822	15.55	51.83	0.72	6.39	65.12	1.08	42.66
1.835	15.55	51.93	0.76	6.33	65.36	1.07	42.76
1.857	15.56	51.86	0.72	6.28	62.39	1.11	42.69
1.878	15.56	51.79	0.69	6.24	61.38	1.24	42.62
1.885	15.55	51.84	0.76	6.11	63.76	1.09	42.68
1.889	15.55	51.93	0.84	6.07	62.21	1.07	42.76
1.902	15.56	51.89	0.88	6.03	61.75	1.08	42.72
1.915	15.57	51.81	0.76	6.0	62.81	1.08	42.64
1.918	15.59	51.94	0.8	5.83	63.56	1.09	42.73
1.926	15.6	51.98	0.92	5.82	61.24	1.16	42.75
1.941	15.61	51.85	0.8	5.83	60.34	1.11	42.62
1.964	15.62	51.92	0.88	5.84	63.0	1.02	42.67
1.992	15.62	52.01	0.65	5.85	63.69	1.06	42.77
2.012	15.61	51.89	0.65	5.88	62.33	1.04	42.65
2.02	15.61	51.9	0.61	5.9	60.99	1.03	42.67
2.023	15.61	52.07	0.76	5.93	61.23	1.04	42.83
2.035	15.61	52.02	0.65	5.96	61.73	1.04	42.78
2.049	15.62	51.91	0.76	6.0	61.9	1.01	42.67

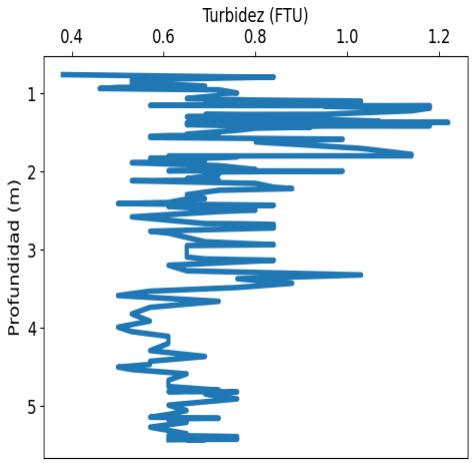
2.067	15.63	51.96	0.65	6.05	60.54	1.05	42.7
2.083	15.63	52.0	0.84	6.11	60.46	1.05	42.74
2.084	15.61	52.03	0.8	6.21	60.86	1.03	42.79
2.089	15.6	52.15	0.72	6.25	60.13	1.05	42.9
2.104	15.62	51.97	0.69	6.29	61.27	1.09	42.72
2.105	15.61	52.11	0.84	6.46	60.58	1.08	42.87
2.114	15.61	51.94	0.69	6.52	59.27	1.2	42.71
2.121	15.6	52.09	0.84	6.66	62.53	1.15	42.86
2.122	15.59	52.1	0.92	6.72	61.24	1.01	42.87
2.124	15.6	51.96	0.84	6.78	60.17	0.97	42.74
2.125	15.58	52.02	0.95	6.91	61.55	0.92	42.81
2.126	15.59	52.0	0.72	6.92	60.77	1.01	42.78
2.128	15.59	52.1	0.84	6.9	61.44	1.01	42.88
2.129	15.58	52.06	0.69	6.87	62.06	0.99	42.85

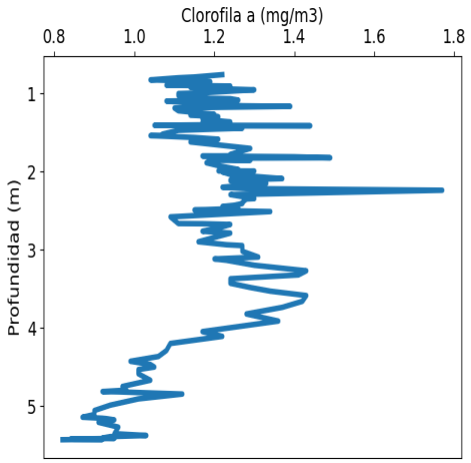
Nombre: CTD N01 - Punto 006 **Fecha: 28/11/2023** **Hora: 09:11:18**

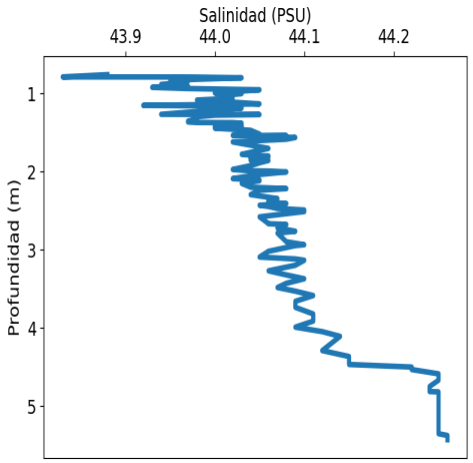


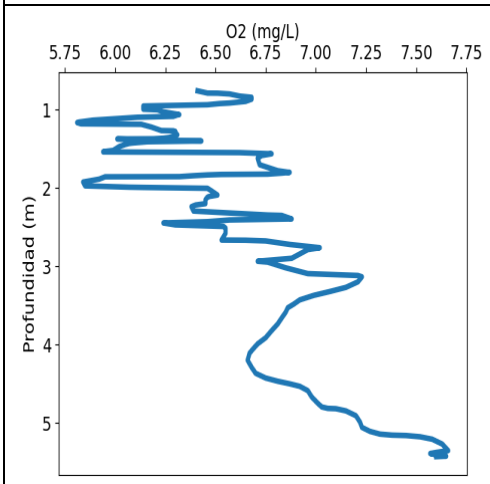


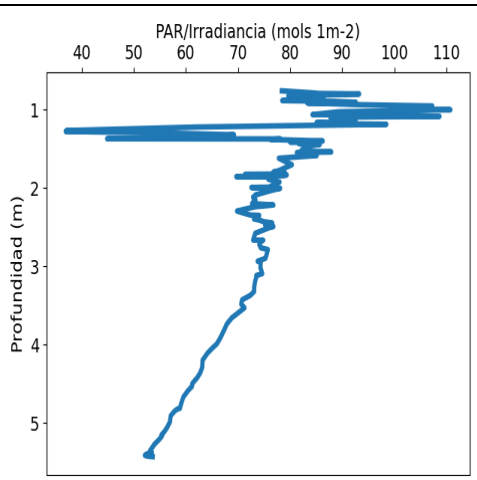












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.83	53.48	0.38	5.81	36.94	0.82	43.83
PROF (metros)	0.796	0.785	0.756	1.162	1.275	5.433	0.785
MÁXIMO	16.08	16.08	1.22	7.66	110.75	1.77	44.26
PROF (metros)	5.411	5.379	1.369	5.356	0.998	2.237	5.379

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	15.87	53.6	0.64	6.5	89.34	1.16	43.96
1 - 2m	15.91	53.71	0.81	6.24	77.92	1.21	44.02
2 - 3m	15.94	53.8	0.7	6.59	74.32	1.25	44.07
3 - 4m	15.96	53.84	0.68	6.94	71.0	1.32	44.08
4 - 5m	16.01	54.03	0.62	6.91	60.64	1.04	44.2
5 - 6m	16.07	54.16	0.65	7.53	54.01	0.91	44.25

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)
0.756	15.88	53.52	0.38	6.41	78.39	1.22	43.88
0.785	15.89	53.48	0.76	6.46	84.81	1.15	43.83
0.786	15.86	53.6	0.84	6.51	80.94	1.15	43.97
0.796	15.83	53.63	0.76	6.57	93.25	1.11	44.03
0.823	15.85	53.57	0.53	6.62	79.63	1.04	43.96
0.839	15.86	53.59	0.61	6.68	86.4	1.16	43.97
0.847	15.86	53.57	0.61	6.68	85.64	1.19	43.95
0.863	15.87	53.59	0.53	6.68	84.44	1.11	43.96
0.881	15.87	53.58	0.61	6.66	78.46	1.16	43.94
0.891	15.87	53.58	0.65	6.65	88.67	1.08	43.94
0.902	15.87	53.62	0.69	6.61	92.6	1.24	43.97
0.912	15.88	53.59	0.69	6.57	83.3	1.19	43.95
0.919	15.88	53.58	0.5	6.52	87.31	1.14	43.93
0.934	15.89	53.62	0.46	6.46	93.55	1.2	43.97
0.95	15.9	53.73	0.72	6.14	107.26	1.3	44.05
0.991	15.91	53.69	0.76	6.14	103.43	1.16	44.0
0.998	15.85	53.65	0.72	6.21	110.75	1.11	44.03
1.024	15.87	53.65	0.72	6.24	89.38	1.11	44.01
1.06	15.86	53.65	0.65	6.32	84.27	1.19	44.02
1.064	15.87	53.65	0.65	6.31	94.36	1.24	44.01
1.082	15.87	53.62	0.8	6.29	108.66	1.26	43.98
1.094	15.87	53.64	1.03	6.11	87.69	1.08	44.0
1.131	15.89	53.71	0.69	5.89	90.52	1.17	44.05
1.141	15.9	53.65	0.84	5.86	92.56	1.16	43.98
1.15	15.91	53.61	0.57	5.83	90.12	1.25	43.92
1.155	15.91	53.66	1.18	5.82	90.27	1.27	43.98
1.162	15.9	53.68	0.95	5.81	85.05	1.39	44.01
1.178	15.89	53.65	1.07	5.83	88.74	1.16	43.99
1.184	15.9	53.71	1.18	6.13	98.47	1.1	44.03
1.219	15.91	53.67	1.14	6.18	62.07	1.11	43.99
1.264	15.91	53.63	0.95	6.23	37.07	1.2	43.94
1.267	15.89	53.72	0.69	6.29	45.51	1.14	44.05
1.275	15.9	53.68	0.8	6.3	36.94	1.14	44.0
1.295	15.91	53.67	0.65	6.3	55.41	1.21	43.98
1.318	15.91	53.67	0.88	6.31	69.25	1.17	43.98
1.352	15.92	53.67	1.07	6.27	61.78	1.22	43.97

1.362	15.92	53.67	0.72	6.24	54.02	1.24	43.97
1.369	15.92	53.68	1.22	6.19	44.87	1.17	43.98
1.371	15.91	53.71	0.65	6.01	78.13	1.18	44.02
1.378	15.91	53.73	0.76	6.08	76.24	1.22	44.03
1.397	15.9	53.69	0.65	6.43	86.26	1.21	44.01
1.405	15.91	53.72	0.72	6.19	82.83	1.05	44.03
1.407	15.91	53.69	0.72	6.16	83.35	1.19	44.0
1.411	15.91	53.7	1.18	6.14	79.98	1.44	44.01
1.412	15.91	53.72	0.95	6.13	83.01	1.2	44.03
1.416	15.91	53.69	0.92	6.12	84.72	1.2	44.01
1.42	15.91	53.69	0.76	6.1	82.14	1.24	44.0
1.422	15.91	53.72	0.88	6.09	83.58	1.14	44.03
1.428	15.91	53.72	0.92	6.07	81.65	1.21	44.03
1.442	15.91	53.69	0.8	6.05	85.68	1.27	44.0
1.469	15.91	53.73	0.76	6.02	82.93	1.11	44.04
1.518	15.92	53.75	0.65	5.99	82.14	1.07	44.05
1.534	15.92	53.72	0.72	5.94	84.6	1.08	44.02
1.537	15.91	53.77	0.61	5.94	87.9	1.04	44.08
1.546	15.9	53.72	0.57	6.62	81.27	1.08	44.04
1.561	15.9	53.77	0.57	6.78	83.62	1.15	44.09
1.583	15.9	53.77	0.99	6.73	85.11	1.21	44.08
1.618	15.92	53.72	0.8	6.71	77.81	1.14	44.02
1.701	15.91	53.76	1.03	6.72	80.34	1.29	44.06
1.777	15.92	53.73	1.14	6.81	77.79	1.24	44.03
1.796	15.91	53.75	1.14	6.86	76.75	1.24	44.05
1.798	15.91	53.75	0.61	6.87	77.65	1.17	44.06
1.808	15.92	53.75	0.76	6.83	79.04	1.4	44.06
1.821	15.92	53.74	0.72	6.76	76.84	1.49	44.04
1.824	15.92	53.75	0.69	6.61	71.33	1.29	44.04
1.825	15.92	53.76	0.57	6.53	77.43	1.26	44.05
1.831	15.92	53.75	0.65	6.46	79.36	1.29	44.04
1.841	15.92	53.74	0.65	6.39	78.73	1.22	44.04
1.853	15.92	53.74	0.65	6.32	69.65	1.29	44.04
1.855	15.92	53.77	0.69	5.95	75.76	1.19	44.06
1.885	15.93	53.77	0.53	5.92	75.8	1.18	44.05
1.922	15.93	53.76	0.72	5.84	77.97	1.21	44.04
1.971	15.94	53.75	0.8	5.85	76.41	1.26	44.02
1.988	15.93	53.76	0.61	6.07	75.92	1.21	44.04
1.991	15.94	53.79	0.99	6.14	72.55	1.3	44.06
2.002	15.93	53.79	0.72	6.46	78.1	1.22	44.08
2.035	15.94	53.77	0.72	6.48	76.06	1.24	44.05
2.088	15.94	53.75	0.65	6.51	73.29	1.37	44.02
2.106	15.94	53.78	0.72	6.47	73.21	1.24	44.05
2.115	15.94	53.78	0.53	6.46	72.88	1.24	44.05
2.149	15.95	53.76	0.8	6.45	73.36	1.33	44.03
2.198	15.95	53.78	0.84	6.45	72.68	1.22	44.04
2.216	15.94	53.8	0.88	6.4	76.79	1.28	44.08
2.237	15.94	53.78	0.72	6.38	73.32	1.77	44.05
2.293	15.95	53.79	0.65	6.39	69.79	1.24	44.04
2.344	15.94	53.8	0.69	6.76	72.36	1.3	44.07
2.349	15.94	53.79	0.65	6.83	74.08	1.28	44.06
2.394	15.94	53.79	0.61	6.88	73.05	1.27	44.06
2.407	15.94	53.81	0.5	6.57	74.01	1.27	44.08
2.429	15.95	53.79	0.84	6.46	74.91	1.25	44.05
2.445	15.94	53.79	0.61	6.24	76.56	1.22	44.06
2.47	15.94	53.81	0.69	6.3	75.18	1.26	44.07
2.49	15.93	53.83	0.8	6.54	76.8	1.15	44.1
2.51	15.94	53.83	0.72	6.55	75.8	1.34	44.1

2.578	15.95	53.8	0.53	6.55	73.29	1.09	44.05
2.664	15.96	53.81	0.69	6.53	72.9	1.11	44.06
2.666	15.95	53.8	0.76	6.65	74.85	1.17	44.06
2.675	15.95	53.82	0.84	6.75	74.51	1.24	44.08
2.72	15.95	53.81	0.84	6.87	74.08	1.21	44.07
2.762	15.95	53.83	0.57	7.02	74.35	1.17	44.09
2.786	15.95	53.82	0.61	6.96	75.74	1.24	44.07
2.897	15.96	53.84	0.69	6.88	75.27	1.16	44.08
2.935	15.95	53.84	0.84	6.71	73.75	1.23	44.1
2.946	15.96	53.85	0.65	6.76	74.34	1.27	44.09
3.019	15.96	53.82	0.65	6.85	74.3	1.27	44.06
3.093	15.97	53.81	0.65	6.96	74.66	1.31	44.05
3.117	15.95	53.83	0.69	7.21	73.51	1.2	44.09
3.134	15.95	53.84	0.84	7.23	73.51	1.23	44.1
3.198	15.96	53.84	0.61	7.21	73.26	1.3	44.09
3.269	15.97	53.82	0.65	7.15	73.09	1.43	44.06
3.322	15.96	53.84	1.03	7.07	73.09	1.41	44.08
3.371	15.96	53.85	0.76	6.99	72.35	1.24	44.1
3.429	15.96	53.83	0.88	6.92	70.77	1.24	44.08
3.483	15.96	53.83	0.76	6.89	70.61	1.29	44.07
3.53	15.96	53.85	0.57	6.86	71.25	1.34	44.09
3.586	15.96	53.86	0.5	6.85	70.18	1.43	44.11
3.66	15.96	53.85	0.72	6.83	68.78	1.42	44.09
3.737	15.96	53.84	0.57	6.81	67.86	1.37	44.09
3.822	15.96	53.87	0.53	6.78	67.28	1.28	44.11
3.913	15.96	53.86	0.57	6.75	66.62	1.36	44.11
3.991	15.96	53.84	0.5	6.71	65.94	1.25	44.09
4.048	15.96	53.87	0.53	6.69	65.03	1.17	44.12
4.109	15.95	53.89	0.61	6.67	64.15	1.22	44.14
4.2	15.95	53.88	0.61	6.66	63.2	1.09	44.13
4.291	15.96	53.88	0.57	6.68	63.14	1.08	44.12
4.367	15.96	53.92	0.69	6.7	62.71	1.06	44.15
4.428	15.97	53.93	0.57	6.75	62.13	0.99	44.15
4.469	15.98	53.93	0.57	6.81	61.58	1.04	44.15
4.502	15.99	54.03	0.5	6.87	61.2	1.05	44.22
4.534	16.01	54.05	0.53	6.92	61.18	1.01	44.22
4.589	16.02	54.1	0.65	6.96	60.4	1.01	44.25
4.671	16.04	54.11	0.61	6.98	59.51	1.04	44.25
4.751	16.05	54.11	0.61	7.01	59.11	0.97	44.24
4.798	16.05	54.11	0.72	7.03	58.92	0.98	44.24
4.816	16.05	54.12	0.61	7.06	58.86	0.92	44.24
4.82	16.06	54.14	0.76	7.1	58.48	0.96	44.25
4.848	16.06	54.14	0.69	7.15	57.87	1.12	44.25
4.91	16.06	54.14	0.76	7.2	57.09	1.01	44.25
4.99	16.07	54.15	0.61	7.22	56.93	0.94	44.25
5.059	16.07	54.15	0.65	7.23	56.4	0.9	44.25
5.11	16.07	54.15	0.61	7.27	55.91	0.9	44.25
5.145	16.07	54.15	0.57	7.32	55.46	0.87	44.25
5.158	16.07	54.15	0.72	7.38	55.28	0.92	44.25
5.163	16.07	54.15	0.65	7.45	55.46	0.93	44.25
5.179	16.07	54.15	0.61	7.52	55.3	0.95	44.25
5.21	16.07	54.16	0.65	7.58	54.92	0.91	44.25
5.272	16.07	54.16	0.57	7.63	54.0	0.96	44.25
5.356	16.07	54.16	0.65	7.66	53.13	0.95	44.25
5.379	16.07	54.17	0.61	7.6	53.5	1.03	44.26
5.393	16.07	54.17	0.76	7.57	52.68	0.94	44.26
5.411	16.08	54.17	0.72	7.6	52.18	0.92	44.26
5.416	16.08	54.17	0.61	7.61	52.13	0.95	44.26

5.425	16.08	54.17	0.69	7.63	52.51	0.84	44.26
5.427	16.08	54.17	0.76	7.65	53.16	0.85	44.26
5.43	16.07	54.17	0.65	7.62	52.98	0.92	44.26
5.431	16.07	54.17	0.69	7.61	53.46	0.85	44.26
5.433	16.07	54.17	0.61	7.6	53.65	0.82	44.26

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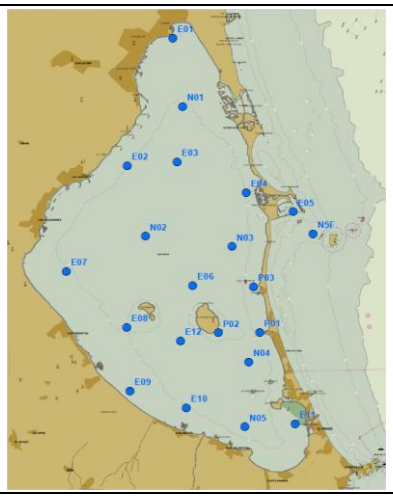
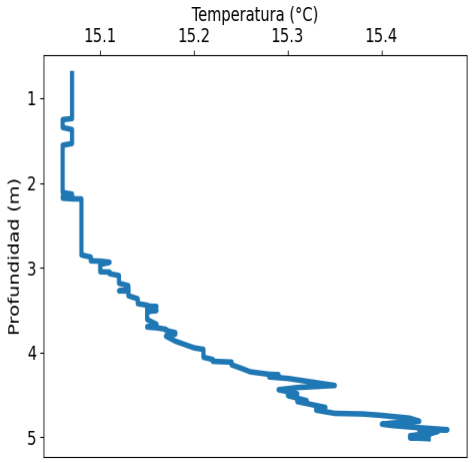
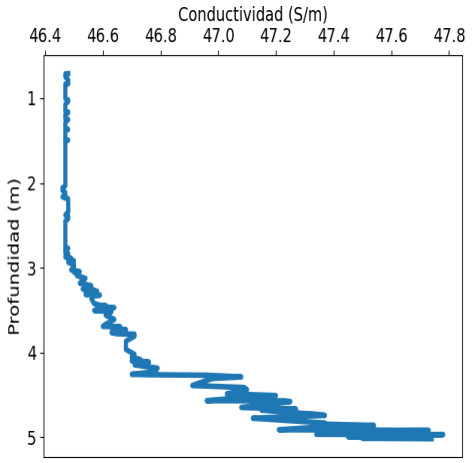
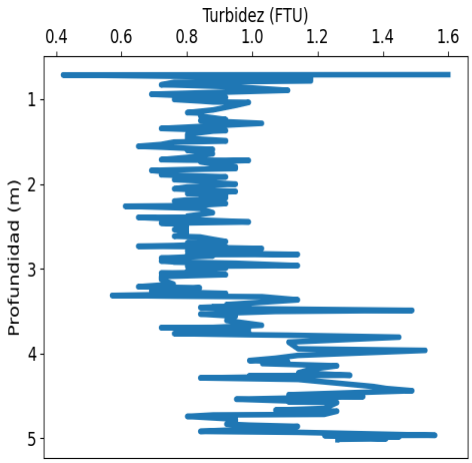
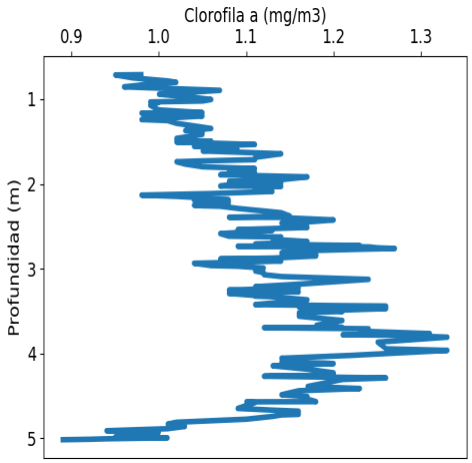
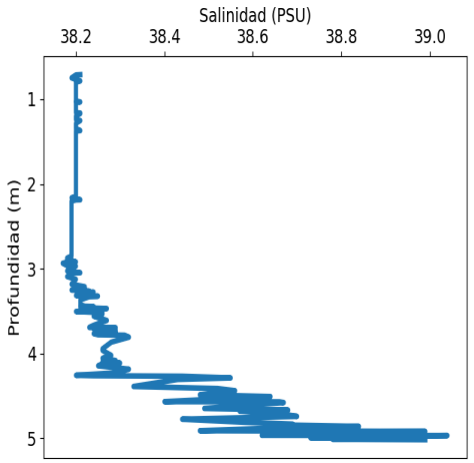


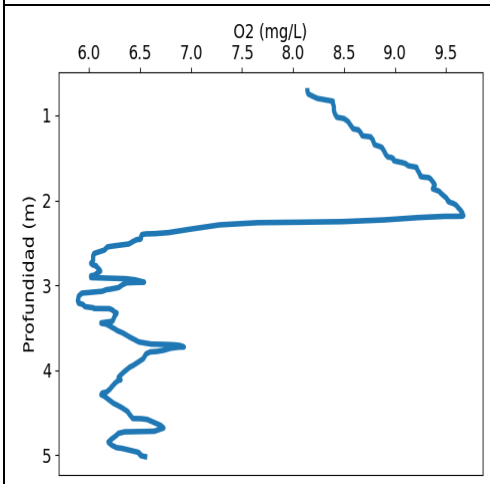


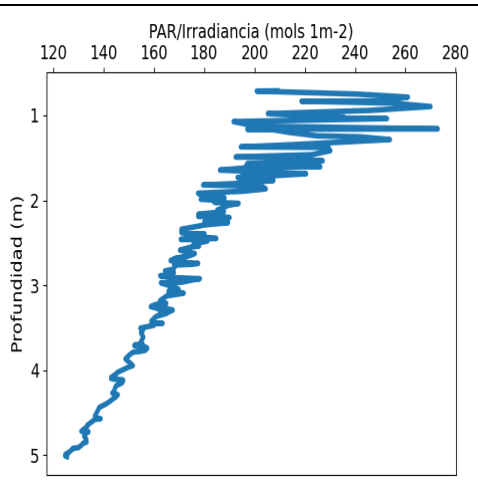












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.06	46.46	0.42	5.89	124.64	0.89	38.17
PROF (metros)	1.253	2.058	0.714	3.183	5.007	5.018	2.936
MÁXIMO	15.47	15.47	1.6	9.67	272.89	1.33	39.04
PROF (metros)	4.912	4.969	0.711	2.18	1.159	3.808	4.969

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.07	46.47	0.94	8.29	237.87	1.0	38.2
1 - 2m	15.06	46.47	0.84	9.02	209.23	1.06	38.2
2 - 3m	15.08	46.48	0.84	7.26	176.43	1.12	38.19
3 - 4m	15.15	46.6	0.92	6.33	159.15	1.18	38.24
4 - 5m	15.33	47.11	1.13	6.34	137.14	1.11	38.52
5 - 6m	15.44	47.65	1.31	6.53	125.0	0.92	38.92

OBSERVACIONES GENERALES

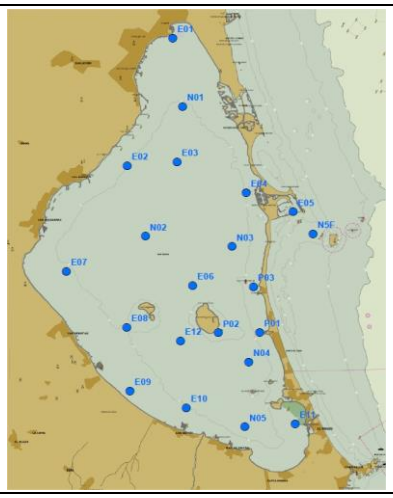
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	15.07	46.48	1.6	8.14	209.14	0.98	38.21
0.714	15.07	46.47	0.42	8.14	200.83	0.95	38.2
0.749	15.07	46.47	1.18	8.15	240.29	0.97	38.19
0.785	15.07	46.48	1.18	8.21	261.01	1.01	38.21
0.801	15.07	46.48	0.76	8.24	256.87	1.02	38.2
0.831	15.07	46.48	0.72	8.38	254.44	0.98	38.2
0.833	15.07	46.47	0.76	8.39	218.6	0.98	38.2
0.855	15.07	46.47	0.95	8.39	254.38	0.96	38.2
0.896	15.07	46.47	1.11	8.4	270.0	1.07	38.2
0.942	15.07	46.47	0.69	8.4	245.75	1.0	38.2
0.98	15.07	46.47	0.92	8.41	205.25	1.04	38.2
1.004	15.07	46.47	0.76	8.42	220.85	1.06	38.2
1.022	15.07	46.48	0.84	8.43	235.65	1.05	38.2
1.033	15.07	46.48	0.88	8.48	234.45	0.99	38.21
1.038	15.07	46.48	0.99	8.5	252.68	1.0	38.2
1.073	15.07	46.47	0.95	8.54	191.6	0.99	38.2
1.127	15.07	46.47	0.88	8.57	200.36	1.0	38.2
1.159	15.07	46.47	0.8	8.59	272.89	1.05	38.2
1.164	15.07	46.48	0.84	8.61	197.09	0.98	38.21
1.17	15.07	46.48	0.84	8.64	207.59	1.03	38.21
1.199	15.07	46.47	0.84	8.66	213.5	1.05	38.2
1.241	15.07	46.47	0.92	8.68	224.72	0.98	38.2
1.253	15.06	46.48	0.84	8.76	242.07	1.01	38.21
1.285	15.06	46.47	1.03	8.78	253.85	1.02	38.2
1.346	15.06	46.47	0.72	8.8	214.29	1.06	38.2
1.371	15.07	46.48	0.92	8.86	194.5	1.03	38.21
1.377	15.07	46.47	0.88	8.87	229.35	1.05	38.2
1.415	15.07	46.47	0.8	8.89	230.15	1.05	38.2
1.463	15.07	46.47	0.8	8.91	222.85	1.02	38.2
1.49	15.07	46.47	0.92	8.93	192.44	1.02	38.2
1.495	15.07	46.48	0.92	8.96	204.11	1.06	38.2
1.506	15.07	46.47	0.76	8.98	209.96	1.02	38.2
1.535	15.07	46.47	0.72	8.99	227.13	1.11	38.2
1.556	15.06	46.47	0.65	9.07	219.77	1.04	38.2
1.566	15.06	46.47	0.72	9.1	197.18	1.08	38.2
1.593	15.06	46.47	0.88	9.13	196.59	1.09	38.2

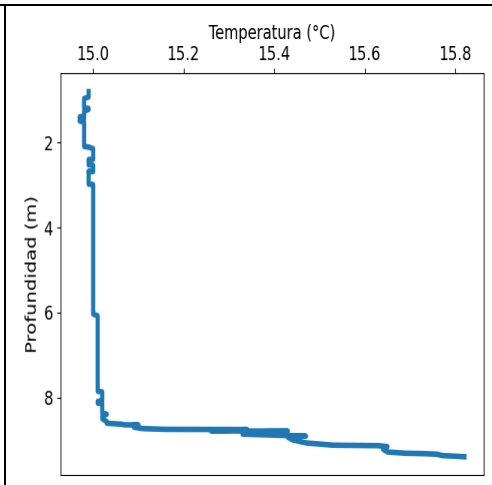
1.605	15.06	46.47	0.8	9.18	226.18	1.06	38.2
1.611	15.06	46.47	0.84	9.21	199.67	1.05	38.2
1.644	15.06	46.47	0.88	9.22	186.21	1.14	38.2
1.687	15.06	46.47	0.8	9.24	220.54	1.11	38.2
1.714	15.06	46.47	0.72	9.25	205.58	1.11	38.2
1.719	15.06	46.47	0.8	9.25	194.82	1.09	38.2
1.723	15.06	46.47	0.99	9.26	201.43	1.07	38.2
1.731	15.06	46.47	0.92	9.32	193.2	1.04	38.2
1.738	15.06	46.47	0.84	9.34	194.55	1.02	38.2
1.766	15.06	46.47	0.88	9.36	207.55	1.03	38.2
1.798	15.06	46.47	0.95	9.38	196.73	1.05	38.2
1.819	15.06	46.47	0.95	9.39	179.51	1.11	38.2
1.83	15.06	46.47	0.8	9.38	196.36	1.08	38.2
1.841	15.06	46.47	0.69	9.38	203.03	1.08	38.2
1.865	15.06	46.47	0.76	9.37	204.49	1.11	38.2
1.892	15.06	46.47	0.72	9.43	195.82	1.07	38.2
1.917	15.06	46.47	0.92	9.45	177.49	1.17	38.2
1.95	15.06	46.47	0.76	9.48	180.01	1.14	38.2
1.97	15.06	46.47	0.88	9.5	188.08	1.08	38.2
1.987	15.06	46.47	0.88	9.51	178.56	1.14	38.2
2.002	15.06	46.47	0.95	9.52	185.87	1.13	38.2
2.013	15.06	46.47	0.88	9.52	183.72	1.08	38.2
2.025	15.06	46.47	0.88	9.54	184.11	1.07	38.2
2.029	15.06	46.47	0.84	9.55	188.03	1.14	38.2
2.036	15.06	46.47	0.8	9.57	193.69	1.11	38.2
2.058	15.06	46.46	0.76	9.6	189.61	1.11	38.2
2.089	15.06	46.46	0.95	9.62	187.38	1.13	38.2
2.114	15.06	46.47	0.8	9.64	185.18	1.06	38.2
2.132	15.07	46.47	0.92	9.65	187.86	0.98	38.2
2.147	15.07	46.47	0.88	9.66	183.26	1.02	38.2
2.164	15.06	46.46	0.92	9.66	177.61	1.05	38.19
2.18	15.06	46.47	0.84	9.67	182.66	1.06	38.2
2.187	15.07	46.48	0.88	9.66	187.42	1.08	38.21
2.188	15.07	46.48	0.88	9.62	177.53	1.08	38.2
2.189	15.08	46.48	0.8	9.48	185.78	1.04	38.2
2.203	15.08	46.48	0.76	9.23	190.09	1.08	38.19
2.231	15.08	46.48	0.92	8.89	187.42	1.08	38.19
2.251	15.08	46.48	0.84	8.48	180.01	1.04	38.19
2.258	15.08	46.48	0.76	8.06	185.18	1.05	38.19
2.263	15.08	46.48	0.61	7.66	189.48	1.07	38.19
2.289	15.08	46.48	0.84	7.28	180.43	1.09	38.19
2.34	15.08	46.48	0.88	6.99	170.91	1.14	38.19
2.38	15.08	46.47	0.8	6.78	170.87	1.15	38.19
2.393	15.08	46.48	0.8	6.64	173.3	1.08	38.19
2.395	15.08	46.48	0.65	6.56	180.14	1.14	38.19
2.402	15.08	46.48	0.69	6.52	175.36	1.15	38.19
2.425	15.08	46.48	0.84	6.51	176.5	1.2	38.19
2.449	15.08	46.47	0.99	6.51	184.79	1.17	38.19
2.46	15.08	46.47	0.8	6.5	170.59	1.17	38.19
2.462	15.08	46.47	0.72	6.47	176.87	1.14	38.19
2.479	15.08	46.47	0.8	6.44	181.27	1.16	38.19
2.514	15.08	46.47	0.8	6.39	175.69	1.17	38.19
2.539	15.08	46.47	0.76	6.23	177.94	1.09	38.19
2.549	15.08	46.47	0.8	6.18	175.04	1.13	38.19
2.586	15.08	46.47	0.8	6.15	170.31	1.07	38.19
2.617	15.08	46.47	0.76	6.07	174.51	1.08	38.19
2.626	15.08	46.47	0.84	6.05	176.26	1.14	38.19
2.654	15.08	46.47	0.88	6.04	173.94	1.13	38.19

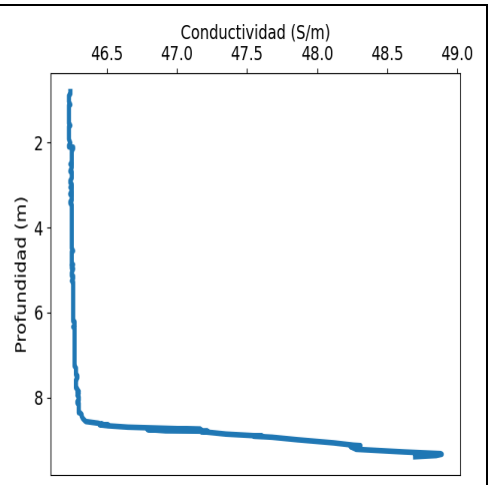
2.68	15.08	46.47	0.92	6.04	168.66	1.17	38.19
2.695	15.08	46.47	0.8	6.04	167.57	1.14	38.19
2.71	15.08	46.47	0.88	6.04	166.57	1.11	38.19
2.727	15.08	46.47	0.76	6.03	172.5	1.23	38.19
2.735	15.08	46.47	0.65	6.03	173.62	1.09	38.19
2.743	15.08	46.47	0.92	6.02	177.61	1.24	38.19
2.754	15.08	46.47	0.92	6.03	175.04	1.25	38.19
2.762	15.08	46.47	1.03	6.04	167.96	1.27	38.19
2.771	15.08	46.48	0.92	6.07	168.27	1.23	38.19
2.79	15.08	46.47	0.8	6.08	168.23	1.16	38.19
2.814	15.08	46.47	0.84	6.1	167.3	1.14	38.19
2.832	15.08	46.47	1.14	6.11	164.34	1.18	38.19
2.835	15.08	46.48	0.8	6.11	167.57	1.15	38.19
2.85	15.08	46.48	0.88	6.09	167.96	1.18	38.19
2.875	15.09	46.47	0.72	6.06	166.57	1.13	38.18
2.885	15.09	46.48	0.8	6.04	164.91	1.07	38.18
2.888	15.09	46.49	0.8	6.02	162.45	1.11	38.19
2.91	15.09	46.49	0.72	6.02	167.26	1.14	38.19
2.92	15.09	46.5	0.76	6.28	174.96	1.1	38.2
2.923	15.1	46.48	0.76	6.36	178.27	1.1	38.18
2.936	15.11	46.48	0.95	6.45	175.56	1.04	38.17
2.964	15.1	46.5	1.14	6.54	171.11	1.06	38.18
2.971	15.1	46.5	0.8	6.37	162.71	1.09	38.2
2.993	15.1	46.5	0.92	6.33	164.99	1.12	38.19
3.027	15.1	46.49	0.8	6.29	168.55	1.11	38.18
3.048	15.1	46.52	0.8	6.2	169.84	1.12	38.21
3.052	15.11	46.5	0.72	6.17	166.84	1.12	38.19
3.071	15.11	46.51	0.92	6.13	165.72	1.12	38.19
3.093	15.12	46.51	0.72	5.93	171.86	1.14	38.18
3.126	15.12	46.54	0.72	5.9	165.07	1.24	38.2
3.183	15.12	46.52	0.76	5.89	162.34	1.16	38.19
3.213	15.13	46.56	0.65	5.9	164.91	1.11	38.22
3.226	15.13	46.55	0.84	5.94	160.73	1.16	38.22
3.252	15.13	46.53	0.76	5.96	158.69	1.08	38.19
3.265	15.13	46.57	0.69	6.04	160.61	1.12	38.23
3.274	15.12	46.54	0.76	6.05	161.21	1.16	38.21
3.276	15.13	46.58	0.76	6.2	165.11	1.13	38.24
3.292	15.13	46.57	0.92	6.23	167.5	1.08	38.23
3.316	15.13	46.54	0.57	6.25	165.72	1.11	38.2
3.324	15.13	46.59	0.76	6.27	162.37	1.11	38.25
3.331	15.13	46.57	1.03	6.27	165.07	1.13	38.23
3.368	15.14	46.56	1.14	6.25	160.76	1.17	38.21
3.424	15.14	46.57	0.92	6.23	158.87	1.11	38.21
3.443	15.15	46.59	0.99	6.12	160.73	1.26	38.22
3.447	15.15	46.61	0.88	6.12	163.47	1.17	38.24
3.452	15.15	46.58	0.88	6.14	160.17	1.16	38.21
3.458	15.16	46.58	0.84	6.17	160.13	1.17	38.21
3.471	15.15	46.64	0.95	6.19	159.95	1.26	38.27
3.492	15.15	46.61	1.49	6.22	156.75	1.2	38.24
3.505	15.16	46.57	1.07	6.24	154.55	1.21	38.2
3.52	15.15	46.63	0.95	6.26	155.13	1.16	38.26
3.536	15.15	46.62	0.84	6.28	155.56	1.16	38.26
3.561	15.15	46.61	0.95	6.33	154.8	1.16	38.24
3.611	15.15	46.64	0.92	6.4	155.77	1.21	38.27
3.668	15.16	46.61	1.03	6.49	154.73	1.18	38.24
3.693	15.16	46.6	0.88	6.61	155.52	1.21	38.23
3.696	15.15	46.66	0.72	6.72	154.59	1.12	38.29
3.701	15.15	46.65	0.8	6.83	152.49	1.16	38.28

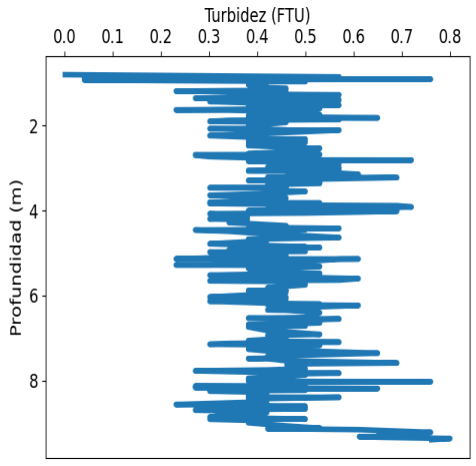
3.709	15.16	46.63	0.99	6.89	152.14	1.24	38.24
3.727	15.17	46.66	0.84	6.93	156.03	1.24	38.26
3.73	15.17	46.68	0.84	6.87	156.83	1.23	38.29
3.741	15.17	46.68	0.99	6.8	157.33	1.24	38.29
3.766	15.18	46.63	0.76	6.73	156.53	1.31	38.24
3.78	15.18	46.65	0.99	6.66	154.12	1.21	38.25
3.785	15.18	46.71	1.11	6.6	151.99	1.27	38.31
3.808	15.17	46.71	1.45	6.56	150.7	1.33	38.32
3.867	15.18	46.68	1.11	6.53	148.62	1.25	38.28
3.946	15.2	46.68	1.14	6.43	151.64	1.26	38.26
3.964	15.21	46.68	1.53	6.4	149.86	1.33	38.26
4.023	15.21	46.71	1.14	6.34	145.68	1.22	38.28
4.057	15.21	46.7	1.07	6.31	144.34	1.14	38.26
4.084	15.22	46.73	0.99	6.29	142.94	1.16	38.29
4.099	15.22	46.7	1.11	6.29	142.94	1.15	38.26
4.105	15.22	46.74	1.03	6.29	144.27	1.14	38.29
4.114	15.24	46.76	1.03	6.31	147.69	1.19	38.3
4.12	15.24	46.73	1.03	6.29	147.79	1.2	38.26
4.146	15.24	46.71	1.26	6.26	147.41	1.13	38.25
4.186	15.25	46.79	1.18	6.23	144.84	1.17	38.32
4.229	15.26	46.78	1.14	6.2	144.27	1.2	38.29
4.258	15.28	46.7	1.3	6.17	144.34	1.2	38.2
4.263	15.29	46.76	0.99	6.15	144.2	1.13	38.24
4.269	15.28	46.96	1.18	6.13	143.37	1.12	38.44
4.289	15.28	47.08	0.84	6.12	145.65	1.26	38.55
4.307	15.3	46.98	1.14	6.15	145.11	1.21	38.43
4.39	15.35	46.91	1.37	6.24	141.39	1.17	38.33
4.414	15.31	47.09	1.41	6.28	139.83	1.23	38.52
4.44	15.29	47.1	1.49	6.32	138.22	1.16	38.56
4.488	15.31	47.03	1.11	6.38	137.45	1.14	38.48
4.509	15.3	47.2	1.34	6.39	137.1	1.17	38.64
4.54	15.31	47.06	0.95	6.41	136.46	1.17	38.51
4.569	15.32	46.96	1.18	6.43	137.7	1.18	38.4
4.571	15.31	47.23	1.11	6.51	138.83	1.1	38.66
4.58	15.31	47.25	1.26	6.57	136.5	1.11	38.67
4.649	15.34	47.08	1.22	6.7	133.43	1.09	38.49
4.669	15.33	47.27	1.07	6.72	133.31	1.13	38.68
4.681	15.33	47.15	1.26	6.73	132.66	1.16	38.57
4.719	15.35	47.29	1.22	6.64	131.1	1.16	38.67
4.726	15.38	47.33	0.88	6.35	133.99	1.14	38.68
4.743	15.4	47.37	0.8	6.29	132.78	1.13	38.7
4.776	15.43	47.12	0.95	6.26	132.2	1.1	38.44
4.812	15.44	47.28	0.95	6.22	133.12	1.02	38.58
4.834	15.41	47.37	0.92	6.2	132.75	1.01	38.69
4.846	15.4	47.36	0.99	6.19	133.21	1.02	38.69
4.861	15.41	47.54	1.14	6.2	131.77	1.03	38.84
4.888	15.44	47.32	1.03	6.23	130.98	1.01	38.61
4.912	15.47	47.21	0.88	6.27	129.92	0.94	38.48
4.92	15.44	47.73	0.84	6.32	127.74	0.98	38.99
4.931	15.46	47.39	1.14	6.36	127.56	1.0	38.65
4.966	15.45	47.34	1.56	6.48	126.21	0.97	38.62
4.969	15.44	47.78	1.22	6.48	126.01	0.96	39.04
4.984	15.43	47.58	1.45	6.5	125.13	0.95	38.86
4.996	15.44	47.45	1.34	6.5	124.67	1.01	38.73
5.007	15.43	47.7	1.41	6.51	124.64	0.94	38.98
5.013	15.44	47.5	1.26	6.53	124.93	0.92	38.78
5.018	15.45	47.74	1.26	6.55	125.42	0.89	38.99

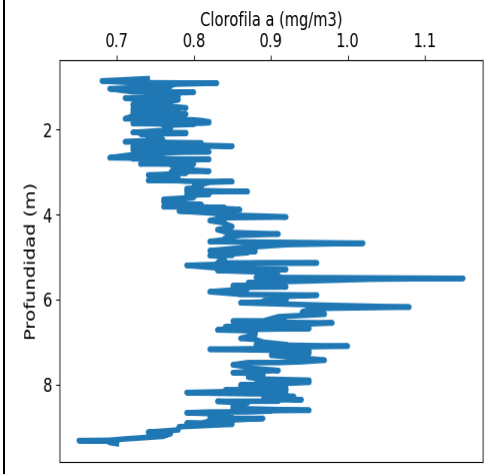
Nombre: CTD N5F - Punto 008 **Fecha: 28/11/2023** **Hora: 09:11:09**

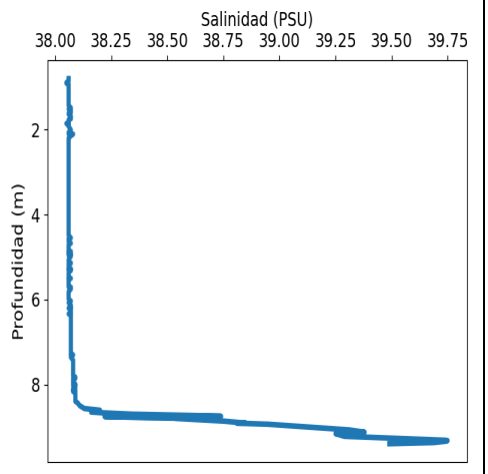


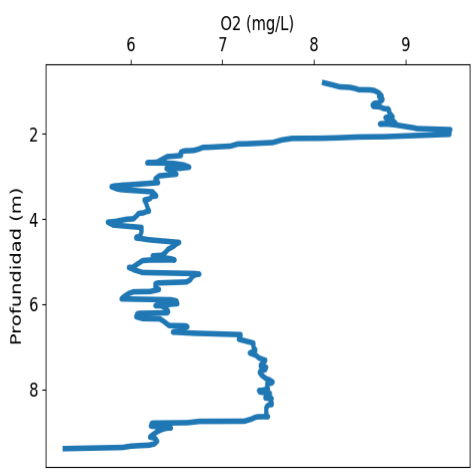


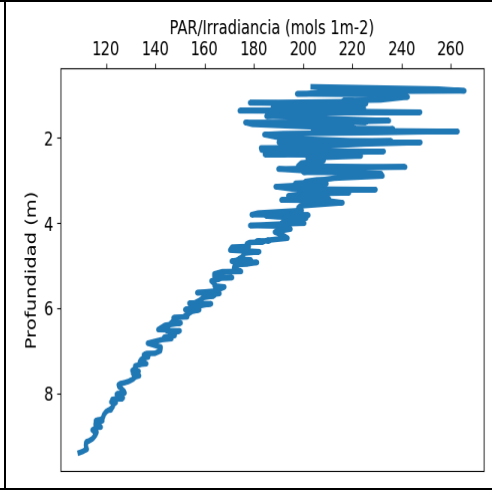


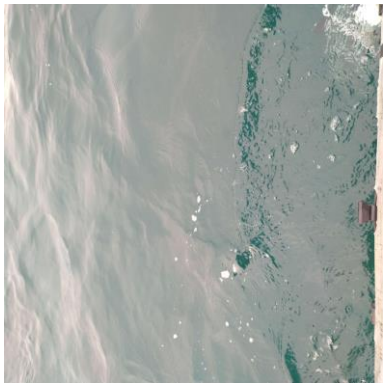












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.97	46.23	0.0	5.28	109.19	0.65	38.05
PROF (metros)	1.4	0.898	0.804	9.392	9.392	9.319	0.898
MÁXIMO	15.82	15.82	0.8	9.49	265.53	1.15	39.75
PROF (metros)	9.392	9.334	9.364	1.903	0.898	5.502	9.319

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	14.99	46.23	0.39	8.44	226.47	0.76	38.06
1 - 2m	14.98	46.23	0.42	8.84	212.45	0.76	38.06
2 - 3m	14.99	46.25	0.43	6.96	210.68	0.76	38.06
3 - 4m	15.0	46.25	0.47	6.13	200.48	0.8	38.06
4 - 5m	15.0	46.25	0.43	6.18	181.95	0.86	38.06
5 - 6m	15.0	46.26	0.44	6.31	163.73	0.89	38.06
6 - 7m	15.01	46.27	0.46	6.56	147.22	0.91	38.07
7 - 8m	15.01	46.28	0.45	7.44	131.76	0.9	38.08
8 - 9m	15.11	46.59	0.42	7.24	120.29	0.86	38.26
9 - 10m	15.67	48.54	0.63	6.09	111.84	0.72	39.51

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.804	14.99	46.24	0.0	8.11	203.83	0.74	38.06
0.857	14.99	46.24	0.57	8.21	254.8	0.68	38.06
0.898	14.99	46.23	0.04	8.28	265.53	0.72	38.05
0.91	14.99	46.23	0.76	8.39	227.92	0.83	38.05
0.931	14.99	46.23	0.04	8.44	207.26	0.78	38.06
0.965	14.98	46.23	0.5	8.49	201.62	0.76	38.06
0.969	14.98	46.23	0.42	8.61	197.5	0.77	38.06
0.986	14.98	46.23	0.42	8.66	230.68	0.77	38.06
1.041	14.98	46.23	0.38	8.71	242.52	0.69	38.06
1.111	14.98	46.24	0.42	8.74	231.43	0.72	38.06
1.124	14.98	46.23	0.46	8.71	216.39	0.8	38.06
1.149	14.98	46.23	0.46	8.73	223.11	0.76	38.06
1.178	14.98	46.23	0.38	8.74	178.39	0.74	38.06
1.191	14.98	46.23	0.23	8.75	193.38	0.78	38.06
1.197	14.99	46.23	0.27	8.75	225.61	0.76	38.06
1.223	14.99	46.23	0.46	8.74	223.01	0.78	38.06
1.261	14.98	46.23	0.38	8.71	205.92	0.71	38.06
1.28	14.98	46.23	0.57	8.69	187.68	0.72	38.06
1.285	14.98	46.23	0.42	8.66	198.79	0.76	38.06
1.299	14.98	46.23	0.34	8.65	224.72	0.78	38.06
1.328	14.98	46.23	0.38	8.64	213.4	0.77	38.06
1.358	14.98	46.23	0.27	8.65	199.67	0.75	38.06
1.365	14.98	46.23	0.5	8.7	174.19	0.77	38.06
1.375	14.98	46.23	0.46	8.73	205.01	0.77	38.06
1.4	14.97	46.23	0.57	8.75	247.58	0.73	38.06
1.414	14.97	46.23	0.46	8.78	213.3	0.72	38.06
1.415	14.98	46.23	0.42	8.81	195.72	0.77	38.06
1.437	14.98	46.23	0.3	8.82	198.05	0.76	38.06
1.492	14.97	46.23	0.46	8.82	185.05	0.79	38.07
1.521	14.98	46.23	0.57	8.83	202.93	0.72	38.06
1.552	14.98	46.23	0.38	8.84	211.09	0.78	38.07
1.6	14.98	46.24	0.53	8.86	234.89	0.72	38.07

1.623	14.98	46.23	0.34	8.78	219.93	0.74	38.06
1.634	14.98	46.23	0.23	8.8	225.55	0.73	38.06
1.64	14.98	46.23	0.34	8.83	176.46	0.79	38.06
1.685	14.98	46.23	0.5	8.86	179.39	0.72	38.07
1.747	14.98	46.23	0.53	8.89	205.34	0.71	38.07
1.771	14.98	46.23	0.38	8.72	220.69	0.77	38.06
1.774	14.98	46.23	0.38	8.81	203.73	0.8	38.06
1.791	14.98	46.23	0.42	8.89	236.53	0.81	38.06
1.82	14.98	46.23	0.65	8.97	232.99	0.82	38.06
1.84	14.98	46.23	0.38	9.03	237.13	0.82	38.06
1.852	14.98	46.23	0.42	9.07	262.77	0.81	38.06
1.86	14.98	46.23	0.57	9.09	246.95	0.72	38.05
1.878	14.98	46.23	0.34	9.12	230.15	0.8	38.06
1.903	14.98	46.23	0.3	9.49	191.91	0.76	38.06
1.925	14.98	46.23	0.46	9.48	184.19	0.77	38.06
2.012	14.98	46.24	0.38	9.48	191.68	0.77	38.07
2.069	14.98	46.23	0.38	8.76	219.06	0.72	38.06
2.075	14.98	46.23	0.3	8.49	235.82	0.79	38.06
2.094	14.98	46.24	0.42	8.27	218.4	0.79	38.06
2.105	14.99	46.23	0.46	8.08	219.62	0.73	38.06
2.106	14.99	46.25	0.38	7.91	190.05	0.73	38.07
2.109	14.99	46.26	0.57	7.76	247.69	0.74	38.08
2.145	15.0	46.26	0.5	7.65	224.77	0.74	38.07
2.206	15.0	46.25	0.38	7.55	204.68	0.74	38.06
2.236	15.0	46.25	0.3	7.26	196.45	0.76	38.06
2.239	15.0	46.25	0.3	7.17	182.83	0.76	38.06
2.289	15.0	46.25	0.42	7.09	183.09	0.71	38.06
2.317	15.0	46.25	0.38	6.85	206.15	0.81	38.06
2.32	15.0	46.25	0.5	6.79	232.78	0.79	38.06
2.361	15.0	46.25	0.42	6.74	204.58	0.79	38.06
2.391	15.0	46.25	0.38	6.69	184.41	0.85	38.06
2.396	15.0	46.25	0.5	6.65	185.13	0.79	38.06
2.4	14.99	46.25	0.42	6.59	199.43	0.72	38.06
2.427	14.99	46.25	0.46	6.55	223.47	0.73	38.06
2.473	14.99	46.25	0.38	6.54	201.76	0.72	38.06
2.51	14.99	46.24	0.46	6.55	206.68	0.74	38.06
2.524	14.99	46.25	0.46	6.48	204.49	0.82	38.06
2.536	15.0	46.25	0.53	6.4	208.36	0.78	38.06
2.593	15.0	46.25	0.5	6.35	199.25	0.72	38.06
2.665	15.0	46.24	0.38	6.29	197.91	0.69	38.06
2.683	14.99	46.24	0.53	6.18	232.88	0.76	38.06
2.684	15.0	46.24	0.5	6.28	240.96	0.74	38.06
2.687	14.99	46.25	0.27	6.38	241.51	0.72	38.06
2.7	14.99	46.25	0.27	6.48	220.9	0.82	38.06
2.733	14.99	46.25	0.3	6.58	189.92	0.77	38.06
2.785	14.99	46.25	0.46	6.64	204.2	0.74	38.06
2.81	14.99	46.25	0.42	6.54	200.13	0.73	38.06
2.814	14.99	46.25	0.72	6.39	216.24	0.8	38.06
2.839	14.99	46.25	0.38	6.42	231.65	0.77	38.06
2.896	14.99	46.24	0.57	6.46	232.29	0.79	38.06
2.948	14.99	46.24	0.53	6.5	212.71	0.79	38.06
2.98	14.99	46.25	0.42	6.35	208.65	0.82	38.06
2.989	15.0	46.25	0.57	6.31	205.44	0.77	38.06
3.025	15.0	46.25	0.57	6.29	200.92	0.79	38.06
3.057	15.0	46.24	0.38	6.27	201.01	0.76	38.06
3.071	15.0	46.25	0.38	6.27	196.77	0.74	38.06
3.077	15.0	46.25	0.5	6.28	209.53	0.76	38.06
3.148	15.0	46.25	0.61	6.3	188.77	0.78	38.06

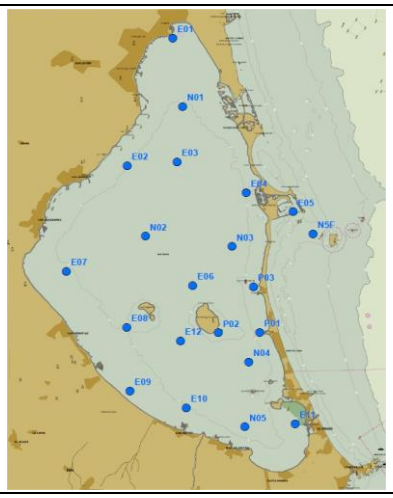
3.199	15.0	46.24	0.46	5.98	195.27	0.74	38.06
3.205	15.0	46.25	0.57	5.92	203.64	0.78	38.06
3.217	15.0	46.25	0.42	5.87	229.46	0.79	38.06
3.225	15.0	46.24	0.69	5.82	221.1	0.85	38.06
3.242	15.0	46.25	0.61	5.79	208.27	0.82	38.06
3.293	15.0	46.25	0.38	5.85	218.66	0.81	38.06
3.312	15.0	46.25	0.53	5.9	200.31	0.8	38.06
3.363	15.0	46.25	0.53	6.24	193.92	0.81	38.06
3.39	15.0	46.24	0.42	6.25	199.16	0.79	38.06
3.432	15.0	46.24	0.46	6.27	210.5	0.79	38.06
3.46	15.0	46.25	0.42	6.28	191.15	0.87	38.06
3.465	15.0	46.25	0.3	6.26	199.02	0.8	38.06
3.472	15.0	46.25	0.46	6.23	208.99	0.79	38.06
3.525	15.0	46.25	0.42	6.21	216.04	0.82	38.06
3.552	15.0	46.25	0.5	6.15	209.96	0.79	38.06
3.599	15.0	46.25	0.42	6.16	198.83	0.8	38.06
3.642	15.0	46.25	0.3	6.17	198.01	0.76	38.06
3.706	15.0	46.25	0.46	6.18	199.48	0.76	38.06
3.767	15.0	46.25	0.42	6.19	181.69	0.81	38.06
3.805	15.0	46.25	0.3	6.2	179.06	0.79	38.06
3.817	15.0	46.25	0.42	6.2	202.18	0.76	38.06
3.824	15.0	46.25	0.53	6.18	197.73	0.81	38.06
3.836	15.0	46.25	0.3	6.16	184.96	0.84	38.06
3.856	15.0	46.25	0.46	6.14	189.56	0.81	38.06
3.869	15.0	46.25	0.42	6.09	196.04	0.85	38.06
3.886	15.0	46.25	0.69	6.08	201.29	0.86	38.06
3.917	15.0	46.25	0.72	6.07	193.29	0.78	38.06
3.997	15.0	46.25	0.42	6.03	191.37	0.85	38.06
4.005	15.0	46.25	0.38	5.96	200.5	0.83	38.06
4.017	15.0	46.25	0.69	5.93	193.87	0.85	38.06
4.037	15.0	46.25	0.61	5.88	186.95	0.89	38.06
4.059	15.0	46.25	0.5	5.83	178.44	0.92	38.06
4.076	15.0	46.25	0.3	5.75	193.51	0.84	38.06
4.143	15.0	46.25	0.38	5.81	194.91	0.82	38.06
4.199	15.0	46.25	0.3	6.12	189.08	0.84	38.06
4.213	15.0	46.25	0.38	6.11	188.47	0.84	38.06
4.283	15.0	46.25	0.34	6.12	191.6	0.85	38.06
4.357	15.0	46.25	0.46	6.11	193.69	0.83	38.06
4.406	15.0	46.25	0.46	6.1	185.31	0.84	38.06
4.42	15.0	46.25	0.57	6.09	186.25	0.85	38.06
4.422	15.0	46.25	0.46	6.07	181.19	0.85	38.06
4.431	15.0	46.25	0.38	6.06	181.44	0.86	38.06
4.447	15.0	46.25	0.5	6.06	183.68	0.89	38.06
4.458	15.0	46.25	0.27	6.11	178.27	0.91	38.06
4.489	15.0	46.25	0.34	6.2	177.12	0.86	38.06
4.551	15.0	46.26	0.42	6.53	177.98	0.84	38.07
4.567	15.0	46.25	0.46	6.51	171.15	0.85	38.06
4.637	15.0	46.25	0.57	6.47	170.31	0.82	38.06
4.675	15.0	46.25	0.38	6.44	182.2	1.02	38.07
4.709	15.0	46.25	0.42	6.41	175.97	0.92	38.06
4.784	15.0	46.25	0.3	6.38	175.52	0.86	38.06
4.853	15.0	46.25	0.5	6.34	173.7	0.82	38.06
4.866	15.0	46.25	0.46	6.24	178.73	0.88	38.06
4.871	15.0	46.26	0.53	6.29	173.74	0.85	38.07
4.897	15.0	46.25	0.38	6.3	170.95	0.87	38.06
4.927	15.0	46.25	0.34	6.41	181.31	0.85	38.07
4.935	15.0	46.25	0.5	6.44	180.27	0.85	38.06
4.962	15.0	46.25	0.5	6.48	177.12	0.85	38.06

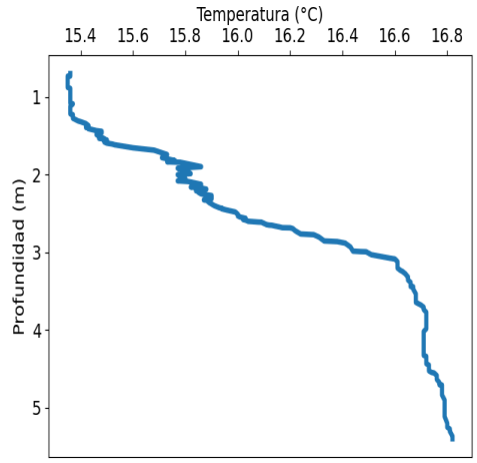
4.965	15.0	46.26	0.46	6.2	177.08	0.82	38.07
4.978	15.0	46.26	0.3	6.13	172.22	0.83	38.07
5.063	15.0	46.25	0.46	6.07	171.86	0.84	38.06
5.138	15.0	46.25	0.23	6.02	174.83	0.83	38.06
5.14	15.0	46.26	0.61	5.98	170.39	0.96	38.07
5.144	15.0	46.26	0.57	5.99	167.15	0.88	38.07
5.197	15.0	46.26	0.5	6.04	163.89	0.79	38.06
5.257	15.0	46.25	0.38	6.13	163.92	0.83	38.06
5.279	15.0	46.26	0.3	6.62	168.7	0.85	38.06
5.281	15.0	46.26	0.23	6.69	171.18	0.88	38.07
5.291	15.0	46.26	0.5	6.74	168.35	0.92	38.06
5.295	15.0	46.26	0.42	6.75	165.8	0.85	38.06
5.299	15.0	46.26	0.38	6.73	164.53	0.85	38.07
5.316	15.0	46.26	0.53	6.7	166.03	0.83	38.07
5.361	15.0	46.26	0.38	6.67	162.71	0.9	38.06
5.429	15.0	46.26	0.42	6.65	164.0	0.91	38.06
5.479	15.0	46.26	0.53	6.61	164.0	0.88	38.06
5.502	15.0	46.26	0.38	6.3	168.04	1.15	38.07
5.521	15.0	46.26	0.3	6.27	167.38	1.03	38.06
5.602	15.0	46.26	0.61	6.27	163.62	0.87	38.06
5.637	15.0	46.26	0.57	6.29	156.93	0.88	38.06
5.655	15.0	46.26	0.3	6.31	166.07	0.89	38.06
5.676	15.0	46.26	0.5	6.27	163.47	0.85	38.06
5.704	15.0	46.26	0.46	6.21	162.37	0.92	38.06
5.71	15.0	46.26	0.5	6.03	163.77	0.87	38.07
5.749	15.0	46.26	0.5	5.98	159.54	0.87	38.07
5.817	15.0	46.26	0.42	5.93	157.99	0.82	38.06
5.876	15.0	46.26	0.46	5.9	155.99	0.86	38.06
5.881	15.0	46.26	0.38	6.0	155.41	0.86	38.06
5.885	15.0	46.26	0.46	6.11	153.73	0.89	38.06
5.892	15.0	46.26	0.46	6.35	160.28	0.93	38.06
5.897	15.0	46.26	0.46	6.44	162.64	0.96	38.06
5.925	15.0	46.26	0.46	6.5	159.58	0.92	38.06
5.988	15.0	46.26	0.38	6.51	155.34	0.92	38.06
6.035	15.0	46.26	0.3	6.27	152.06	0.89	38.07
6.037	15.0	46.26	0.46	6.33	157.85	0.92	38.07
6.077	15.01	46.26	0.46	6.37	154.8	0.86	38.06
6.134	15.01	46.26	0.3	6.4	153.37	0.97	38.07
6.178	15.01	46.26	0.42	6.41	151.99	1.08	38.07
6.203	15.01	46.26	0.53	6.4	152.95	0.98	38.06
6.216	15.01	46.27	0.42	6.09	147.65	0.95	38.07
6.232	15.01	46.27	0.61	6.07	147.28	0.95	38.07
6.295	15.01	46.27	0.46	6.06	148.51	0.94	38.07
6.339	15.01	46.26	0.42	6.13	146.43	0.97	38.06
6.347	15.01	46.27	0.46	6.32	150.31	0.97	38.07
6.403	15.01	46.27	0.53	6.36	143.87	0.91	38.07
6.503	15.01	46.27	0.5	6.42	141.13	0.89	38.07
6.508	15.01	46.27	0.5	6.59	145.34	0.85	38.07
6.515	15.01	46.27	0.5	6.6	144.27	0.89	38.07
6.531	15.01	46.27	0.42	6.62	145.34	0.92	38.07
6.532	15.01	46.27	0.38	6.61	149.9	0.89	38.07
6.551	15.01	46.27	0.57	6.59	148.96	0.98	38.07
6.594	15.01	46.27	0.46	6.56	146.26	0.92	38.07
6.635	15.01	46.27	0.5	6.54	146.16	0.87	38.07
6.643	15.01	46.27	0.53	6.48	147.86	0.84	38.07
6.655	15.01	46.27	0.5	6.46	145.78	0.88	38.07
6.682	15.01	46.27	0.38	6.69	143.54	0.95	38.07
6.715	15.01	46.27	0.5	7.2	146.56	0.83	38.07

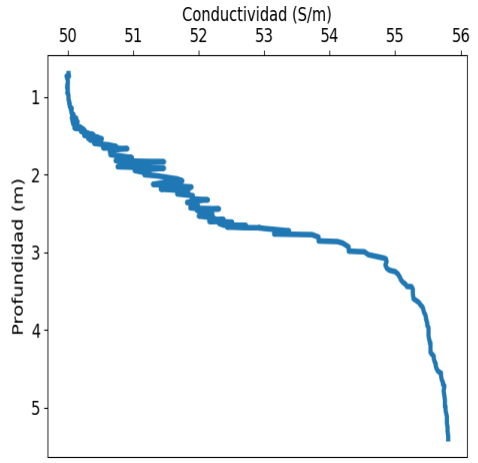
6.738	15.01	46.27	0.38	7.2	142.71	0.88	38.07
6.823	15.01	46.27	0.42	7.18	136.88	0.88	38.07
6.914	15.01	46.27	0.53	7.34	142.18	0.86	38.07
6.939	15.01	46.27	0.42	7.34	142.15	0.88	38.07
7.004	15.01	46.27	0.46	7.34	141.95	0.89	38.07
7.06	15.01	46.27	0.38	7.35	139.79	0.92	38.07
7.064	15.01	46.27	0.38	7.36	136.4	0.88	38.07
7.096	15.01	46.27	0.57	7.36	135.27	1.0	38.07
7.127	15.01	46.27	0.34	7.32	137.0	0.89	38.07
7.147	15.01	46.27	0.3	7.3	137.1	0.93	38.07
7.17	15.01	46.27	0.53	7.33	135.21	0.82	38.07
7.205	15.01	46.27	0.42	7.37	134.21	0.95	38.07
7.262	15.01	46.27	0.38	7.4	133.62	0.95	38.07
7.304	15.01	46.28	0.42	7.45	136.34	0.9	38.08
7.314	15.01	46.28	0.53	7.47	134.49	0.9	38.07
7.356	15.01	46.28	0.65	7.46	131.74	0.93	38.07
7.427	15.01	46.28	0.42	7.42	131.86	0.97	38.08
7.464	15.01	46.28	0.46	7.42	130.59	0.94	38.08
7.483	15.01	46.29	0.38	7.48	133.25	0.91	38.08
7.484	15.01	46.29	0.42	7.47	132.23	0.87	38.08
7.536	15.01	46.29	0.46	7.47	130.86	0.85	38.08
7.587	15.01	46.28	0.69	7.41	133.43	0.87	38.08
7.61	15.01	46.28	0.46	7.41	131.95	0.87	38.08
7.669	15.01	46.28	0.46	7.43	130.8	0.91	38.08
7.72	15.01	46.28	0.5	7.46	129.11	0.85	38.08
7.751	15.01	46.28	0.42	7.48	127.39	0.89	38.08
7.772	15.01	46.28	0.27	7.51	125.72	0.88	38.08
7.8	15.01	46.29	0.38	7.53	125.02	0.89	38.08
7.826	15.01	46.29	0.57	7.55	125.39	0.87	38.09
7.852	15.01	46.3	0.42	7.54	125.34	0.88	38.09
7.867	15.02	46.29	0.5	7.49	125.77	0.88	38.08
7.898	15.02	46.3	0.46	7.49	126.33	0.95	38.08
7.947	15.02	46.29	0.38	7.49	127.18	0.95	38.08
7.99	15.02	46.3	0.38	7.5	127.53	0.9	38.09
8.008	15.02	46.3	0.38	7.46	124.55	0.86	38.08
8.022	15.02	46.3	0.53	7.44	124.24	0.89	38.08
8.028	15.02	46.3	0.76	7.4	125.72	0.89	38.09
8.029	15.02	46.3	0.5	7.41	126.33	0.87	38.09
8.063	15.02	46.3	0.5	7.41	126.45	0.86	38.09
8.093	15.01	46.29	0.5	7.52	125.83	0.92	38.08
8.104	15.01	46.29	0.46	7.52	126.83	0.92	38.08
8.13	15.01	46.29	0.42	7.52	126.42	0.86	38.08
8.131	15.02	46.3	0.27	7.51	123.81	0.84	38.09
8.143	15.02	46.3	0.46	7.5	122.47	0.92	38.08
8.164	15.02	46.3	0.27	7.49	122.86	0.85	38.08
8.188	15.02	46.3	0.65	7.47	122.66	0.79	38.09
8.203	15.02	46.3	0.42	7.47	122.01	0.82	38.09
8.216	15.02	46.3	0.3	7.54	123.95	0.87	38.09
8.226	15.02	46.3	0.5	7.53	123.26	0.92	38.09
8.249	15.02	46.3	0.3	7.53	123.15	0.89	38.09
8.279	15.02	46.3	0.42	7.53	122.86	0.93	38.09
8.314	15.02	46.3	0.42	7.54	122.69	0.89	38.09
8.357	15.02	46.3	0.42	7.54	122.15	0.94	38.09
8.362	15.02	46.31	0.38	7.51	121.84	0.89	38.09
8.391	15.03	46.32	0.38	7.49	121.9	0.91	38.09
8.394	15.03	46.32	0.57	7.49	120.94	0.83	38.09
8.432	15.02	46.32	0.38	7.48	119.94	0.87	38.1
8.498	15.02	46.33	0.42	7.48	119.11	0.85	38.11

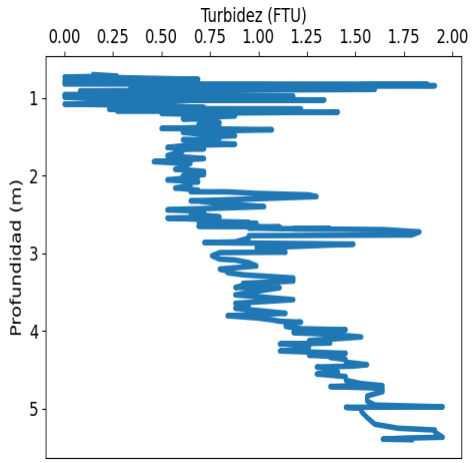
8.564	15.03	46.35	0.23	7.48	118.72	0.85	38.13
8.605	15.03	46.44	0.5	7.48	118.23	0.95	38.2
8.618	15.05	46.45	0.42	7.48	117.43	0.88	38.2
8.624	15.06	46.47	0.46	7.49	116.59	0.9	38.2
8.642	15.07	46.45	0.46	7.5	115.76	0.87	38.17
8.643	15.1	46.51	0.5	7.41	118.5	0.84	38.2
8.646	15.09	46.46	0.38	7.38	117.76	0.82	38.16
8.665	15.09	46.51	0.5	7.35	116.03	0.79	38.21
8.697	15.09	46.65	0.27	7.32	115.7	0.84	38.34
8.73	15.11	46.99	0.42	7.27	115.62	0.84	38.63
8.748	15.16	47.17	0.34	7.24	115.73	0.84	38.74
8.752	15.34	46.79	0.42	6.75	117.35	0.83	38.22
8.783	15.26	46.92	0.38	6.62	116.16	0.85	38.42
8.792	15.43	47.22	0.38	6.25	117.84	0.82	38.53
8.798	15.38	47.17	0.34	6.23	116.16	0.89	38.54
8.86	15.33	47.35	0.3	6.22	114.4	0.82	38.75
8.908	15.47	47.61	0.5	6.44	115.36	0.81	38.85
8.909	15.45	47.55	0.3	6.4	116.13	0.79	38.81
8.934	15.43	47.68	0.38	6.35	116.0	0.85	38.95
8.993	15.44	47.86	0.38	6.29	115.49	0.78	39.11
9.067	15.47	48.12	0.46	6.24	114.42	0.78	39.31
9.121	15.53	48.26	0.53	6.21	112.87	0.74	39.38
9.132	15.63	48.31	0.42	6.24	112.11	0.77	39.33
9.155	15.65	48.24	0.61	6.27	111.83	0.77	39.25
9.218	15.64	48.28	0.76	6.29	111.73	0.76	39.29
9.28	15.65	48.62	0.65	6.26	111.96	0.71	39.59
9.311	15.69	48.82	0.69	6.2	112.17	0.69	39.74
9.319	15.73	48.88	0.61	6.11	112.06	0.65	39.75
9.334	15.76	48.89	0.65	6.0	111.39	0.69	39.74
9.364	15.77	48.85	0.8	5.91	110.49	0.69	39.69
9.392	15.82	48.7	0.76	5.28	109.19	0.7	39.49

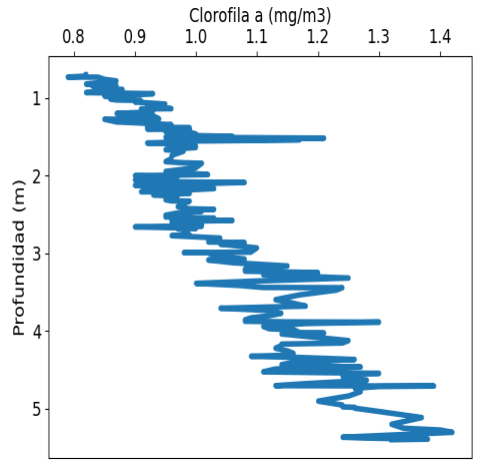
Nombre: CTD E04 - Punto 009 **Fecha: 28/11/2023** **Hora: 09:11:06**

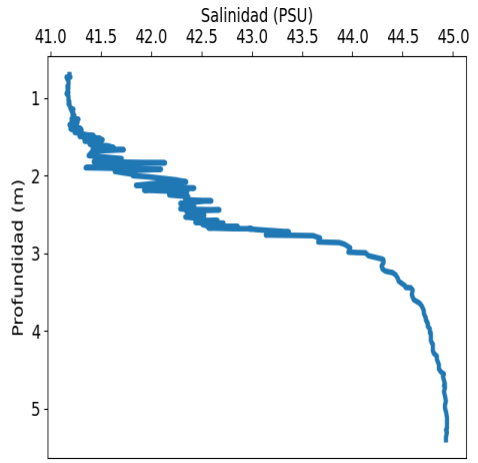


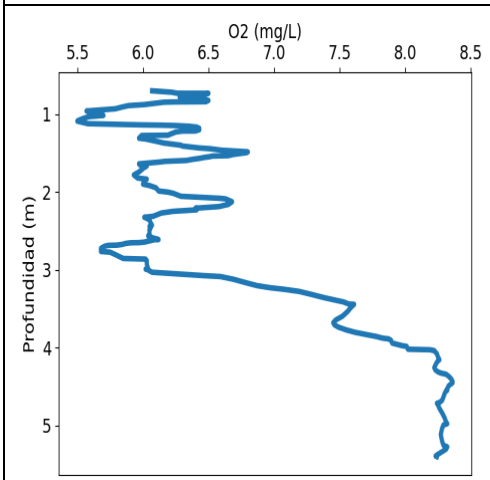


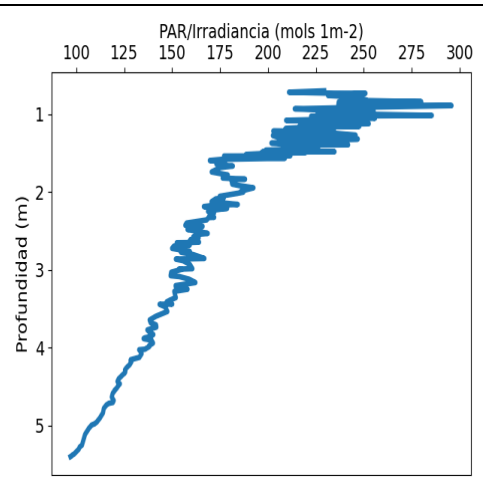


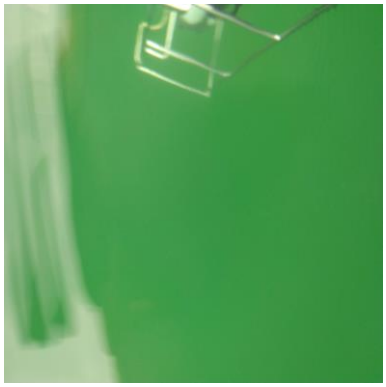












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.35	49.98	0.0	5.5	96.95	0.79	41.16
PROF (metros)	0.735	0.735	0.734	1.092	5.403	0.734	0.948
MÁXIMO	16.82	16.82	1.95	8.36	295.81	1.42	44.94
PROF (metros)	5.371	5.371	4.98	4.437	0.893	5.308	5.118

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	15.36	50.0	0.84	6.1	244.54	0.85	41.17
1 - 2m	15.49	50.37	0.7	6.2	207.2	0.96	41.38
2 - 3m	16.05	52.46	0.88	6.09	164.11	0.99	42.71
3 - 4m	16.67	55.22	1.01	7.4	145.18	1.13	44.56
4 - 5m	16.74	55.64	1.42	8.27	122.01	1.21	44.86
5 - 6m	16.81	55.8	1.74	8.27	101.16	1.34	44.93

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	15.36	50.01	0.15	6.07	229.35	0.82	41.19
0.721	15.36	50.01	0.27	6.22	210.94	0.82	41.19
0.734	15.36	50.02	0.0	6.26	234.56	0.79	41.2
0.735	15.35	49.98	0.15	6.5	250.87	0.84	41.16
0.763	15.35	49.99	0.69	6.46	231.32	0.85	41.17
0.784	15.35	50.0	0.0	6.28	247.23	0.87	41.18
0.823	15.35	50.0	0.0	6.49	251.34	0.82	41.18
0.826	15.35	50.0	1.87	6.5	245.64	0.82	41.18
0.843	15.35	50.0	1.22	6.48	280.0	0.87	41.18
0.846	15.35	50.0	1.91	6.23	236.86	0.83	41.18
0.849	15.35	49.99	0.69	6.16	261.8	0.83	41.17
0.866	15.35	49.99	0.34	6.08	240.62	0.85	41.17
0.88	15.35	50.0	1.41	6.01	236.69	0.85	41.18
0.893	15.36	49.99	1.6	5.89	295.81	0.88	41.17
0.912	15.36	50.0	0.08	5.84	254.92	0.88	41.17
0.934	15.36	50.0	0.11	5.79	213.94	0.82	41.18
0.948	15.36	49.99	0.88	5.68	226.6	0.93	41.16
0.962	15.36	50.0	0.0	5.57	255.15	0.9	41.17
0.978	15.36	50.01	1.18	5.65	252.8	0.85	41.18
0.992	15.36	50.01	0.0	5.68	225.87	0.86	41.18
1.019	15.36	50.01	0.3	5.7	285.51	0.86	41.18
1.029	15.36	50.01	1.34	5.63	222.49	0.87	41.18
1.035	15.36	50.01	0.65	5.59	252.8	0.91	41.18
1.055	15.36	50.02	0.42	5.55	255.86	0.9	41.19
1.082	15.36	50.02	0.0	5.51	209.43	0.95	41.18
1.092	15.37	50.03	0.27	5.5	235.38	0.92	41.19
1.125	15.36	50.03	0.72	5.58	252.62	0.93	41.2
1.141	15.36	50.04	0.5	6.0	220.33	0.96	41.2
1.144	15.36	50.05	1.22	6.13	216.59	0.91	41.21
1.149	15.36	50.06	0.23	6.25	231.81	0.92	41.23
1.158	15.36	50.06	0.95	6.35	247.69	0.91	41.22
1.169	15.36	50.05	0.27	6.41	222.85	0.93	41.21
1.185	15.36	50.05	1.41	6.43	209.28	0.92	41.22
1.203	15.36	50.06	0.5	6.43	208.85	0.87	41.23
1.219	15.36	50.06	0.76	6.4	234.51	0.92	41.22
1.22	15.36	50.07	0.69	6.3	202.74	0.92	41.23

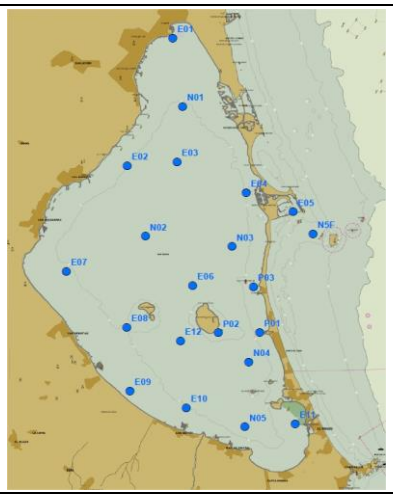
1.232	15.37	50.09	0.88	6.25	228.24	0.93	41.24
1.273	15.37	50.06	0.61	6.19	245.75	0.94	41.21
1.277	15.37	50.13	0.72	5.99	202.51	0.85	41.28
1.312	15.39	50.07	0.76	5.97	206.63	0.87	41.21
1.322	15.4	50.15	0.8	6.02	246.89	0.9	41.27
1.347	15.42	50.08	0.69	6.09	220.9	0.96	41.19
1.374	15.43	50.11	0.8	6.16	201.76	0.92	41.2
1.387	15.42	50.18	0.65	6.22	206.92	0.99	41.28
1.396	15.42	50.2	0.5	6.26	241.85	0.95	41.3
1.402	15.43	50.1	0.8	6.29	207.74	0.92	41.2
1.412	15.43	50.23	1.07	6.3	218.4	0.99	41.31
1.437	15.46	50.26	0.61	6.43	216.04	0.95	41.31
1.446	15.48	50.2	0.61	6.51	226.23	0.99	41.24
1.466	15.48	50.3	0.69	6.6	198.74	1.0	41.32
1.485	15.47	50.36	0.72	6.79	234.73	1.0	41.39
1.488	15.46	50.39	0.88	6.8	196.95	1.0	41.43
1.497	15.47	50.25	0.8	6.79	219.57	1.06	41.29
1.508	15.47	50.34	0.76	6.74	197.91	0.95	41.36
1.52	15.47	50.46	0.8	6.69	188.6	1.21	41.49
1.536	15.47	50.31	0.76	6.65	211.72	1.09	41.34
1.54	15.49	50.45	0.72	6.57	199.8	1.04	41.46
1.541	15.48	50.52	0.61	6.53	177.04	1.17	41.52
1.549	15.49	50.35	0.69	6.51	177.12	1.11	41.36
1.558	15.5	50.34	0.76	6.47	186.21	0.99	41.34
1.568	15.5	50.51	0.72	6.44	208.9	0.98	41.5
1.583	15.49	50.48	0.76	6.38	176.14	0.92	41.48
1.598	15.5	50.4	0.88	6.33	169.64	0.98	41.39
1.609	15.52	50.48	0.72	6.17	177.61	0.98	41.45
1.619	15.53	50.62	0.61	6.12	174.43	1.0	41.57
1.641	15.57	50.74	0.53	5.97	173.02	1.0	41.63
1.658	15.6	50.54	0.72	5.98	176.79	0.97	41.42
1.669	15.63	50.91	0.57	6.03	181.69	0.95	41.73
1.688	15.68	50.64	0.61	6.01	175.12	0.98	41.42
1.745	15.73	50.65	0.53	5.97	170.59	0.96	41.38
1.784	15.71	50.98	0.72	5.93	179.06	0.96	41.71
1.823	15.76	50.73	0.46	5.96	176.34	0.95	41.43
1.838	15.73	51.47	0.57	6.03	188.08	0.98	42.14
1.844	15.78	51.18	0.65	6.02	180.89	1.01	41.82
1.901	15.86	50.76	0.61	6.0	181.31	1.0	41.35
1.92	15.77	51.47	0.57	6.05	184.96	0.98	42.1
1.949	15.8	51.02	0.72	6.1	192.44	0.95	41.64
1.99	15.82	51.25	0.72	6.12	186.04	1.02	41.84
2.004	15.77	51.17	0.61	6.19	187.16	0.9	41.82
2.019	15.79	51.37	0.69	6.23	184.19	0.97	41.98
2.058	15.8	51.67	0.53	6.29	174.79	0.9	42.25
2.083	15.77	51.75	0.69	6.58	176.87	0.96	42.35
2.091	15.81	51.57	0.65	6.63	172.74	1.08	42.14
2.128	15.86	51.3	0.65	6.68	170.51	0.9	41.85
2.163	15.82	51.89	0.57	6.65	184.28	0.97	42.43
2.17	15.85	51.55	0.61	6.63	172.94	1.03	42.08
2.19	15.88	51.42	0.69	6.58	166.53	0.98	41.93
2.211	15.84	51.84	0.65	6.4	173.86	0.91	42.36
2.212	15.85	51.74	0.84	6.41	178.73	0.98	42.26
2.232	15.85	51.69	0.99	6.41	172.7	0.99	42.21
2.251	15.86	51.67	1.26	6.23	168.66	0.93	42.18
2.273	15.9	51.91	1.3	6.14	171.86	0.97	42.37
2.314	15.9	51.89	0.84	6.08	169.29	0.95	42.34
2.328	15.87	52.14	0.65	6.01	171.94	0.96	42.6

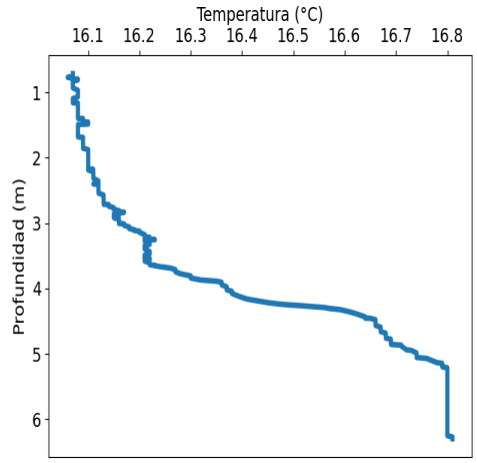
2.331	15.88	52.07	0.69	6.02	169.06	0.99	42.53
2.361	15.89	51.82	0.8	6.05	168.04	0.98	42.29
2.402	15.91	51.99	1.03	6.06	157.52	0.97	42.43
2.43	15.93	51.87	0.69	6.07	156.83	0.99	42.29
2.437	15.94	51.96	0.57	6.06	161.4	1.03	42.36
2.444	15.94	52.31	0.53	6.05	165.91	0.98	42.68
2.461	15.96	51.97	0.72	6.06	164.8	1.01	42.35
2.484	15.99	52.06	0.65	6.05	157.96	0.97	42.4
2.513	16.0	52.21	0.72	6.05	164.34	0.95	42.53
2.535	16.0	52.0	0.8	6.05	168.59	0.95	42.34
2.55	16.01	52.14	0.53	6.05	162.11	1.03	42.45
2.566	16.03	52.24	0.72	6.04	162.83	0.98	42.53
2.579	16.03	52.17	0.69	6.05	160.95	0.96	42.46
2.58	16.02	52.38	0.69	6.06	162.11	1.06	42.66
2.589	16.03	52.32	0.69	6.07	163.85	0.99	42.6
2.604	16.04	52.16	0.95	6.1	162.49	0.96	42.44
2.614	16.08	52.47	0.76	6.12	161.96	1.01	42.69
2.615	16.09	52.51	0.99	6.09	159.54	0.98	42.72
2.631	16.1	52.31	0.99	6.05	159.17	0.99	42.51
2.647	16.11	52.36	0.99	6.01	164.04	0.98	42.55
2.653	16.12	52.38	0.69	5.97	157.74	1.01	42.56
2.655	16.13	52.72	0.76	5.91	152.38	0.95	42.86
2.663	16.14	52.65	1.11	5.87	154.62	0.9	42.78
2.677	16.16	52.43	0.95	5.84	158.18	0.98	42.57
2.686	16.17	52.71	1.11	5.8	159.17	1.0	42.81
2.687	16.18	52.93	1.37	5.76	157.96	0.99	43.0
2.688	16.2	52.92	1.18	5.74	157.01	0.97	42.97
2.698	16.21	53.02	1.64	5.71	150.91	0.98	43.05
2.727	16.22	53.38	1.83	5.68	149.93	0.98	43.37
2.767	16.24	53.15	1.79	5.68	159.24	0.99	43.14
2.776	16.29	53.73	0.95	5.75	154.55	0.96	43.61
2.807	16.31	53.83	0.95	5.79	160.99	1.04	43.68
2.857	16.33	53.83	0.88	5.85	166.84	1.02	43.66
2.865	16.38	54.12	0.72	6.02	151.89	1.08	43.87
2.885	16.41	54.2	1.49	6.03	155.67	1.04	43.92
2.934	16.43	54.29	0.99	6.03	159.24	1.1	43.98
2.988	16.44	54.29	1.14	6.04	160.58	1.09	43.96
2.994	16.47	54.44	0.8	6.02	153.48	0.98	44.06
2.996	16.49	54.53	0.8	6.03	155.09	1.02	44.13
3.034	16.51	54.59	0.76	6.07	149.48	1.03	44.16
3.078	16.58	54.83	0.8	6.47	149.17	1.08	44.3
3.089	16.6	54.86	0.88	6.59	153.69	1.02	44.31
3.124	16.61	54.87	0.95	6.69	158.87	1.06	44.31
3.166	16.61	54.85	0.99	6.78	162.15	1.15	44.29
3.206	16.61	54.87	0.8	6.87	151.75	1.08	44.3
3.233	16.62	54.91	0.84	6.97	151.99	1.08	44.33
3.252	16.63	55.0	0.84	7.07	158.07	1.2	44.4
3.28	16.64	55.04	0.92	7.19	151.08	1.11	44.43
3.321	16.65	55.07	1.18	7.29	151.47	1.25	44.45
3.36	16.65	55.09	1.18	7.38	151.96	1.1	44.46
3.39	16.66	55.12	0.92	7.46	149.06	1.0	44.49
3.416	16.66	55.16	0.92	7.53	147.07	1.07	44.52
3.443	16.66	55.18	0.88	7.57	150.07	1.11	44.53
3.446	16.67	55.25	1.11	7.61	143.4	1.24	44.58
3.477	16.67	55.27	1.03	7.59	146.29	1.23	44.6
3.538	16.68	55.27	0.88	7.56	147.52	1.17	44.59
3.6	16.68	55.28	1.18	7.52	141.49	1.13	44.61
3.647	16.68	55.36	0.88	7.47	138.25	1.16	44.67

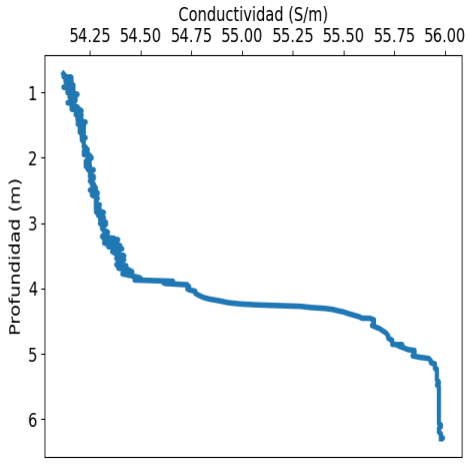
3.683	16.7	55.39	0.95	7.45	138.79	1.18	44.69
3.71	16.71	55.42	0.88	7.46	141.62	1.04	44.7
3.739	16.71	55.43	0.99	7.49	141.78	1.12	44.71
3.775	16.72	55.44	1.14	7.55	137.04	1.14	44.71
3.807	16.72	55.46	0.84	7.62	138.38	1.12	44.72
3.834	16.72	55.47	0.99	7.7	140.22	1.09	44.73
3.86	16.72	55.47	1.07	7.78	138.73	1.08	44.73
3.878	16.72	55.48	1.11	7.82	135.58	1.08	44.74
3.886	16.72	55.48	1.18	7.85	135.08	1.15	44.74
3.889	16.72	55.48	1.22	7.87	135.42	1.3	44.74
3.907	16.72	55.49	1.14	7.89	139.24	1.18	44.75
3.944	16.72	55.49	1.14	7.9	140.05	1.11	44.75
3.975	16.72	55.51	1.22	7.97	138.02	1.12	44.77
3.987	16.72	55.51	1.45	8.01	138.15	1.16	44.77
4.023	16.71	55.51	1.18	8.02	135.8	1.17	44.77
4.03	16.71	55.51	1.22	8.19	132.75	1.21	44.78
4.041	16.71	55.51	1.34	8.22	133.21	1.14	44.78
4.08	16.71	55.51	1.53	8.24	134.08	1.19	44.78
4.127	16.71	55.52	1.26	8.25	132.91	1.25	44.78
4.158	16.71	55.53	1.37	8.26	128.37	1.24	44.79
4.171	16.71	55.53	1.11	8.25	128.75	1.15	44.8
4.172	16.71	55.54	1.26	8.25	128.34	1.14	44.8
4.19	16.71	55.54	1.26	8.24	128.63	1.14	44.8
4.225	16.71	55.54	1.26	8.23	127.71	1.13	44.8
4.26	16.71	55.54	1.11	8.22	126.21	1.15	44.8
4.291	16.71	55.54	1.45	8.23	125.34	1.16	44.81
4.315	16.71	55.56	1.26	8.25	125.57	1.15	44.83
4.329	16.71	55.58	1.37	8.27	125.25	1.09	44.84
4.344	16.72	55.59	1.37	8.31	124.47	1.17	44.84
4.37	16.72	55.59	1.45	8.33	123.43	1.26	44.84
4.405	16.72	55.6	1.45	8.35	122.04	1.16	44.85
4.437	16.72	55.62	1.56	8.36	121.45	1.14	44.86
4.455	16.73	55.62	1.49	8.36	121.96	1.21	44.86
4.467	16.73	55.62	1.3	8.35	122.75	1.27	44.86
4.493	16.73	55.63	1.37	8.33	121.84	1.13	44.86
4.529	16.73	55.65	1.41	8.32	120.89	1.11	44.88
4.549	16.74	55.68	1.37	8.32	119.99	1.3	44.9
4.557	16.75	55.7	1.3	8.31	119.94	1.26	44.91
4.59	16.76	55.7	1.45	8.3	118.97	1.24	44.9
4.638	16.76	55.71	1.45	8.29	118.47	1.28	44.91
4.681	16.77	55.73	1.53	8.28	119.52	1.18	44.92
4.707	16.77	55.73	1.64	8.26	119.08	1.13	44.91
4.712	16.78	55.74	1.45	8.25	118.12	1.39	44.92
4.718	16.78	55.75	1.37	8.24	116.97	1.3	44.92
4.74	16.78	55.75	1.64	8.25	115.65	1.26	44.92
4.784	16.78	55.74	1.64	8.26	114.32	1.27	44.91
4.84	16.78	55.75	1.56	8.28	113.92	1.25	44.92
4.906	16.79	55.76	1.56	8.3	112.3	1.2	44.93
4.957	16.79	55.76	1.6	8.31	110.72	1.24	44.92
4.98	16.79	55.76	1.95	8.32	109.6	1.24	44.92
4.986	16.79	55.76	1.45	8.31	108.99	1.26	44.92
4.997	16.79	55.77	1.53	8.29	107.98	1.26	44.92
5.04	16.79	55.77	1.53	8.28	106.52	1.3	44.93
5.118	16.79	55.79	1.56	8.27	104.54	1.37	44.94
5.204	16.8	55.79	1.6	8.28	103.52	1.32	44.94
5.255	16.8	55.8	1.72	8.29	102.95	1.34	44.94
5.278	16.81	55.8	1.91	8.32	101.79	1.4	44.93
5.308	16.81	55.8	1.91	8.31	101.22	1.42	44.94

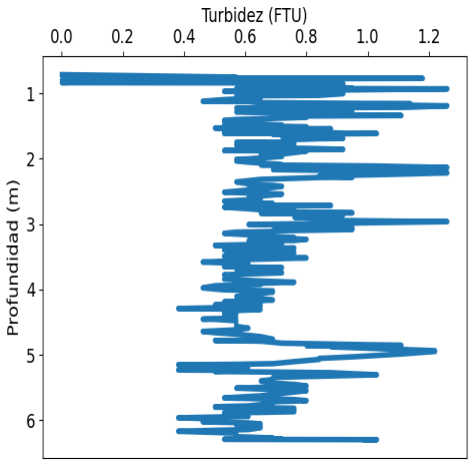
5.371	16.82	55.81	1.95	8.25	98.76	1.24	44.93
5.382	16.82	55.81	1.76	8.24	97.92	1.28	44.93
5.396	16.82	55.81	1.64	8.23	97.4	1.38	44.93
5.403	16.82	55.81	1.79	8.24	96.95	1.32	44.93

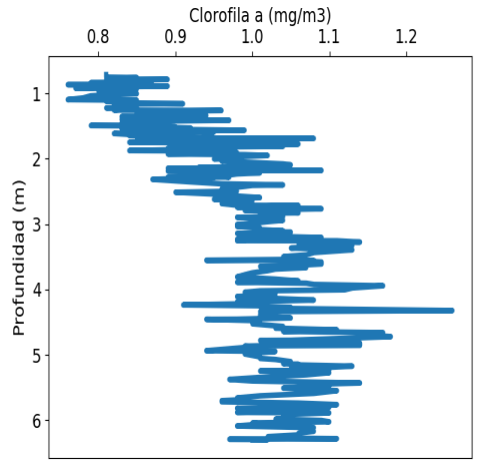
Nombre: CTD N03 - Punto 010 **Fecha: 28/11/2023** **Hora: 10:11:01**

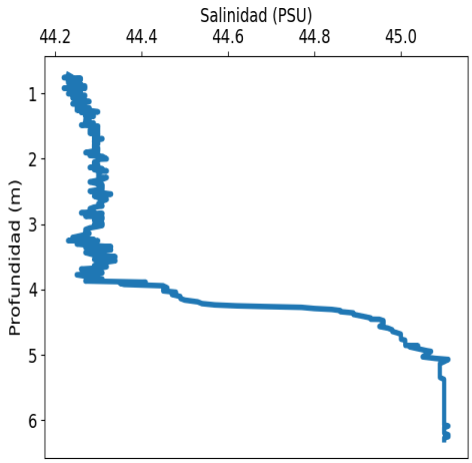


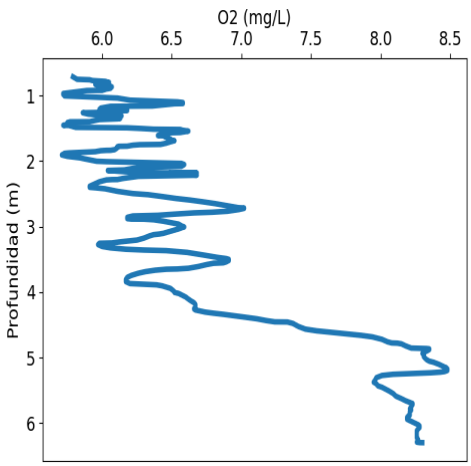


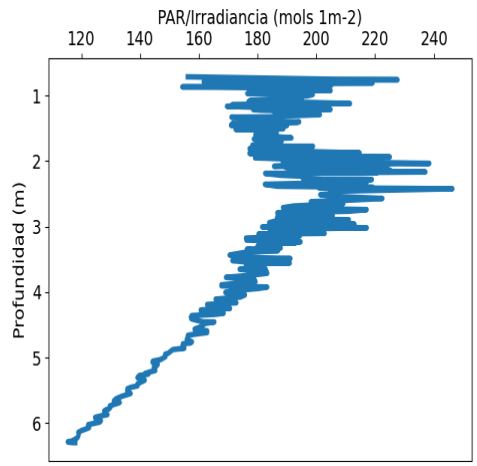












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.06	54.12	0.0	5.71	115.36	0.76	44.22
PROF (metros)	0.773	0.716	0.716	1.908	6.286	0.869	0.761
MÁXIMO	16.81	16.81	1.26	8.48	246.32	1.26	45.11
PROF (metros)	6.271	6.288	0.933	5.173	2.424	4.323	5.071

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	16.07	54.15	0.67	5.96	192.56	0.83	44.25
1 - 2m	16.09	54.2	0.73	6.16	185.72	0.89	44.28
2 - 3m	16.12	54.27	0.79	6.37	202.83	0.99	44.3
3 - 4m	16.23	54.4	0.65	6.44	182.56	1.04	44.3
4 - 5m	16.59	55.44	0.65	7.36	160.89	1.04	44.84
5 - 6m	16.79	55.96	0.65	8.22	136.18	1.04	45.09
6 - 7m	16.8	55.98	0.63	8.27	119.01	1.04	45.1

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.716	16.07	54.12	0.0	5.79	156.21	0.81	44.23
0.754	16.07	54.13	0.57	5.82	206.63	0.81	44.24
0.761	16.07	54.12	0.08	5.91	227.65	0.85	44.22
0.773	16.06	54.16	1.18	5.93	174.19	0.82	44.26
0.785	16.07	54.14	0.3	6.02	212.51	0.81	44.24
0.789	16.07	54.15	0.57	6.03	161.62	0.89	44.26
0.798	16.07	54.13	0.84	6.03	202.7	0.83	44.23
0.8	16.08	54.14	0.0	6.05	173.9	0.82	44.24
0.809	16.08	54.16	0.84	6.04	219.16	0.87	44.25
0.813	16.08	54.14	0.11	5.99	207.35	0.82	44.23
0.832	16.07	54.14	0.04	5.95	177.82	0.84	44.23
0.839	16.07	54.13	0.0	5.96	184.19	0.79	44.23
0.843	16.07	54.16	0.84	5.98	205.11	0.83	44.25
0.853	16.07	54.15	0.92	5.99	190.67	0.81	44.25
0.859	16.07	54.16	0.72	6.06	183.0	0.82	44.26
0.869	16.07	54.15	0.72	6.07	154.34	0.76	44.25
0.891	16.07	54.17	0.61	6.06	199.62	0.89	44.27
0.902	16.07	54.16	0.88	6.03	181.78	0.82	44.25
0.923	16.07	54.12	0.95	6.0	186.25	0.77	44.22
0.925	16.07	54.17	0.57	5.89	204.87	0.82	44.27
0.933	16.07	54.14	1.26	5.86	180.73	0.85	44.24
0.97	16.08	54.17	0.53	5.72	176.46	0.8	44.26
0.984	16.08	54.14	0.92	5.72	198.83	0.84	44.24
1.007	16.08	54.14	0.92	5.73	197.04	0.85	44.23
1.033	16.08	54.19	0.84	6.02	185.22	0.8	44.27
1.04	16.08	54.18	0.57	6.11	195.18	0.79	44.27
1.072	16.08	54.15	0.65	6.2	177.57	0.78	44.24
1.098	16.07	54.18	0.53	6.54	176.83	0.76	44.27
1.108	16.07	54.16	0.5	6.58	198.37	0.85	44.26
1.124	16.07	54.17	0.46	6.58	211.48	0.81	44.27
1.127	16.07	54.18	0.61	6.52	182.66	0.82	44.28
1.144	16.07	54.17	0.65	6.44	171.22	0.82	44.26
1.161	16.07	54.14	1.14	6.36	188.77	0.91	44.24
1.166	16.08	54.16	0.92	6.06	169.53	0.82	44.25
1.193	16.08	54.17	1.26	5.99	188.64	0.85	44.26

1.213	16.08	54.16	1.14	5.98	204.87	0.84	44.25
1.216	16.08	54.18	1.11	6.02	178.48	0.83	44.27
1.225	16.08	54.19	0.57	6.18	181.19	0.81	44.28
1.231	16.08	54.19	0.65	6.18	187.29	0.85	44.27
1.244	16.08	54.18	0.8	6.05	185.56	0.83	44.26
1.258	16.08	54.16	0.95	6.01	194.05	0.82	44.25
1.264	16.08	54.2	0.61	5.86	186.12	0.96	44.28
1.285	16.08	54.21	0.57	5.9	193.29	0.85	44.3
1.293	16.08	54.18	0.61	5.94	201.24	0.85	44.26
1.312	16.08	54.2	0.8	6.14	190.14	0.85	44.29
1.328	16.08	54.19	0.92	6.11	184.06	0.92	44.27
1.331	16.08	54.19	0.95	6.1	171.07	0.94	44.28
1.341	16.08	54.18	1.11	6.1	178.27	0.92	44.27
1.351	16.08	54.21	0.69	6.13	184.75	0.94	44.29
1.357	16.08	54.19	0.72	6.11	177.53	0.83	44.27
1.368	16.08	54.19	0.8	5.98	173.78	0.93	44.28
1.381	16.08	54.2	0.72	5.95	179.35	0.92	44.28
1.401	16.08	54.19	0.57	5.91	183.77	0.83	44.27
1.402	16.09	54.19	0.57	5.77	194.19	0.86	44.27
1.414	16.09	54.21	0.53	5.75	193.42	0.97	44.28
1.432	16.09	54.19	0.53	5.75	171.3	0.84	44.27
1.447	16.09	54.2	0.61	5.74	175.44	0.85	44.27
1.455	16.09	54.2	0.61	5.72	170.91	0.85	44.27
1.456	16.1	54.22	0.65	5.73	190.09	0.87	44.29
1.457	16.1	54.23	0.57	5.76	173.54	0.83	44.29
1.487	16.1	54.19	0.72	5.81	183.81	0.85	44.26
1.493	16.08	54.2	0.61	6.08	179.93	0.84	44.28
1.494	16.08	54.2	0.53	6.18	185.48	0.79	44.28
1.504	16.08	54.22	0.65	6.28	188.86	0.88	44.3
1.515	16.08	54.21	0.8	6.37	180.73	0.9	44.29
1.517	16.08	54.22	0.53	6.53	172.46	0.83	44.3
1.519	16.08	54.22	0.8	6.56	178.23	0.88	44.3
1.532	16.08	54.2	0.5	6.58	185.74	0.92	44.29
1.544	16.08	54.22	0.88	6.62	182.16	0.83	44.3
1.566	16.08	54.2	0.65	6.56	186.56	0.99	44.28
1.569	16.08	54.21	0.53	6.5	182.75	0.89	44.29
1.578	16.08	54.22	0.65	6.45	185.05	0.92	44.3
1.596	16.08	54.21	0.8	6.42	179.22	0.95	44.29
1.61	16.08	54.2	0.92	6.4	181.31	0.87	44.28
1.613	16.08	54.22	0.76	6.4	181.06	0.83	44.3
1.614	16.08	54.22	0.53	6.42	185.99	0.86	44.3
1.616	16.08	54.21	1.03	6.44	183.6	0.82	44.29
1.63	16.08	54.22	0.69	6.45	186.51	0.84	44.3
1.648	16.08	54.21	0.84	6.47	191.55	0.84	44.29
1.664	16.08	54.21	0.72	6.49	178.68	0.87	44.29
1.684	16.08	54.22	0.88	6.5	182.83	0.85	44.3
1.691	16.09	54.21	0.92	6.52	185.99	1.08	44.29
1.696	16.09	54.23	0.84	6.51	186.77	0.89	44.31
1.708	16.09	54.22	0.76	6.49	188.16	0.92	44.3
1.728	16.09	54.21	0.76	6.46	184.83	0.94	44.29
1.747	16.09	54.22	0.76	6.42	179.51	0.96	44.29
1.75	16.09	54.22	0.57	6.32	185.39	0.84	44.29
1.751	16.09	54.22	0.65	6.27	181.31	0.87	44.29
1.759	16.09	54.22	0.65	6.22	178.19	0.91	44.3
1.774	16.09	54.22	0.76	6.18	181.73	0.95	44.3
1.776	16.09	54.22	0.69	6.12	198.88	1.06	44.3
1.781	16.09	54.22	0.65	6.11	196.91	1.05	44.29
1.795	16.09	54.22	0.57	6.11	185.05	0.9	44.29

1.812	16.09	54.22	0.69	6.1	177.24	1.04	44.29
1.827	16.09	54.22	0.61	6.09	188.82	0.91	44.29
1.837	16.09	54.22	0.72	6.06	183.09	0.9	44.29
1.838	16.09	54.23	0.61	6.03	190.36	0.95	44.3
1.843	16.09	54.23	0.8	5.99	189.34	0.89	44.3
1.858	16.09	54.23	0.92	5.95	198.01	0.92	44.3
1.877	16.1	54.24	0.53	5.76	214.74	0.84	44.3
1.883	16.1	54.23	0.8	5.73	177.2	0.95	44.29
1.908	16.1	54.22	0.76	5.71	180.31	0.98	44.27
1.929	16.1	54.24	0.72	5.75	201.38	0.89	44.3
1.939	16.1	54.23	0.65	5.79	225.03	0.99	44.29
1.952	16.1	54.22	0.69	5.84	179.1	1.02	44.28
1.966	16.1	54.25	0.72	5.87	188.29	0.99	44.31
2.004	16.1	54.26	0.61	5.96	188.51	0.95	44.32
2.01	16.1	54.24	0.57	6.03	200.22	0.97	44.3
2.037	16.1	54.25	0.57	6.57	238.46	0.96	44.3
2.054	16.1	54.23	0.61	6.59	196.73	0.99	44.29
2.081	16.1	54.23	0.69	6.57	185.56	1.04	44.29
2.095	16.1	54.23	0.72	6.37	224.04	1.05	44.29
2.096	16.1	54.25	0.65	6.29	189.52	1.05	44.3
2.113	16.1	54.25	1.03	6.22	195.27	1.02	44.3
2.136	16.1	54.23	1.26	6.16	224.67	0.93	44.28
2.144	16.1	54.24	0.99	6.04	225.24	0.99	44.3
2.147	16.1	54.24	1.11	6.04	192.53	0.99	44.29
2.148	16.1	54.25	1.18	6.07	208.56	0.89	44.3
2.156	16.1	54.25	1.11	6.11	193.16	0.99	44.31
2.168	16.1	54.24	0.69	6.19	237.13	0.98	44.29
2.18	16.11	54.24	0.88	6.3	194.23	1.09	44.3
2.181	16.1	54.25	0.88	6.68	220.64	0.94	44.3
2.188	16.1	54.27	1.14	6.52	215.24	0.93	44.32
2.189	16.1	54.25	0.99	6.48	182.54	0.89	44.31
2.217	16.11	54.25	1.26	6.68	187.68	1.01	44.3
2.234	16.11	54.25	1.14	6.26	196.18	0.98	44.3
2.266	16.11	54.26	0.84	6.15	195.41	0.96	44.3
2.283	16.11	54.25	0.95	6.11	201.99	0.97	44.3
2.284	16.11	54.25	0.95	6.07	218.91	0.89	44.3
2.289	16.11	54.27	0.84	6.03	216.74	0.95	44.32
2.317	16.11	54.27	0.65	5.98	217.24	0.87	44.31
2.356	16.12	54.25	0.57	5.94	182.45	0.92	44.28
2.385	16.12	54.26	0.61	5.91	186.69	0.96	44.3
2.402	16.11	54.27	0.61	5.91	219.21	1.04	44.31
2.409	16.12	54.26	0.69	5.95	200.87	1.0	44.3
2.424	16.12	54.27	0.72	6.02	246.32	0.99	44.31
2.463	16.12	54.28	0.65	6.11	204.82	0.96	44.31
2.497	16.12	54.25	0.57	6.22	205.68	0.98	44.28
2.514	16.12	54.28	0.53	6.33	201.29	0.9	44.3
2.542	16.12	54.29	0.72	6.43	206.63	0.95	44.33
2.572	16.13	54.26	0.65	6.53	222.49	0.98	44.29
2.596	16.13	54.28	0.61	6.63	211.82	1.01	44.3
2.622	16.13	54.29	0.65	6.72	198.1	0.95	44.32
2.65	16.13	54.28	0.53	6.81	209.19	1.0	44.31
2.687	16.13	54.28	0.69	6.91	192.26	0.96	44.3
2.713	16.13	54.28	0.65	6.98	188.6	0.98	44.3
2.717	16.14	54.29	0.88	7.02	199.43	1.06	44.3
2.723	16.14	54.3	0.57	7.02	190.97	1.03	44.31
2.742	16.14	54.28	0.53	6.98	217.14	0.98	44.29
2.767	16.15	54.28	0.61	6.9	210.99	1.09	44.28
2.782	16.15	54.28	0.65	6.79	191.11	1.02	44.28

2.792	16.15	54.3	0.76	6.66	186.69	0.99	44.29
2.811	16.16	54.3	0.72	6.52	194.01	1.03	44.29
2.829	16.16	54.28	0.95	6.4	191.64	1.06	44.26
2.835	16.17	54.29	0.65	6.29	205.58	1.01	44.27
2.839	16.16	54.32	0.72	6.22	196.5	1.01	44.31
2.86	16.15	54.3	0.92	6.18	186.6	1.01	44.29
2.88	16.16	54.29	0.84	6.18	192.35	1.03	44.27
2.887	16.16	54.31	0.8	6.21	195.05	1.04	44.3
2.888	16.15	54.3	0.8	6.3	191.91	1.04	44.3
2.897	16.15	54.31	0.76	6.37	211.09	0.98	44.31
2.919	16.15	54.32	0.88	6.44	185.87	1.01	44.31
2.943	16.16	54.3	0.84	6.5	183.89	1.04	44.29
2.964	16.16	54.31	1.26	6.55	213.0	1.02	44.3
2.99	16.16	54.33	0.88	6.57	200.08	1.0	44.31
3.007	16.16	54.3	0.61	6.59	181.52	0.98	44.29
3.012	16.17	54.31	0.8	6.58	208.27	0.98	44.29
3.02	16.17	54.33	0.69	6.57	217.19	1.0	44.31
3.036	16.17	54.32	0.8	6.55	192.08	0.98	44.3
3.06	16.18	54.31	0.95	6.51	184.11	1.01	44.28
3.085	16.18	54.31	0.95	6.47	195.32	1.01	44.27
3.104	16.19	54.32	0.69	6.44	202.84	1.04	44.27
3.115	16.19	54.32	0.69	6.41	180.27	1.01	44.27
3.124	16.2	54.33	0.57	6.37	184.75	1.05	44.27
3.143	16.2	54.34	0.53	6.34	194.41	0.98	44.28
3.177	16.21	54.32	0.65	6.3	176.01	0.99	44.26
3.207	16.21	54.31	0.76	6.25	176.18	1.09	44.24
3.22	16.22	54.33	0.72	6.19	185.95	1.05	44.25
3.234	16.21	54.37	0.8	6.13	194.64	0.98	44.29
3.251	16.22	54.32	0.76	6.07	183.94	0.99	44.24
3.254	16.23	54.32	0.61	6.01	192.89	0.98	44.23
3.256	16.22	54.39	0.61	5.98	182.96	1.11	44.3
3.276	16.21	54.36	0.69	5.97	180.39	1.14	44.29
3.305	16.22	54.32	0.72	6.0	179.89	1.06	44.25
3.326	16.22	54.36	0.5	6.06	187.9	1.13	44.28
3.347	16.21	54.4	0.69	6.17	176.3	1.09	44.33
3.359	16.21	54.34	0.57	6.3	178.93	1.06	44.27
3.368	16.21	54.39	0.76	6.46	186.99	1.05	44.3
3.395	16.21	54.41	0.53	6.61	175.65	1.13	44.33
3.436	16.22	54.36	0.76	6.73	170.43	1.08	44.27
3.472	16.22	54.38	0.61	6.83	177.04	1.07	44.29
3.489	16.21	54.4	0.53	6.89	191.2	1.05	44.32
3.501	16.21	54.42	0.69	6.91	181.19	1.04	44.34
3.519	16.21	54.39	0.8	6.91	171.38	1.06	44.31
3.541	16.22	54.38	0.61	6.89	175.85	1.05	44.29
3.554	16.22	54.39	0.57	6.87	183.81	0.94	44.3
3.557	16.22	54.4	0.53	6.84	190.97	1.08	44.31
3.561	16.21	54.42	0.57	6.8	183.77	1.06	44.34
3.581	16.21	54.4	0.46	6.75	178.48	1.09	44.32
3.611	16.22	54.39	0.61	6.69	175.89	1.09	44.3
3.637	16.22	54.38	0.53	6.62	181.94	1.05	44.29
3.648	16.23	54.39	0.61	6.54	182.75	1.01	44.29
3.652	16.23	54.43	0.53	6.46	173.86	1.05	44.32
3.667	16.24	54.43	0.72	6.38	177.36	1.07	44.31
3.689	16.26	54.39	0.57	6.31	183.13	1.03	44.26
3.713	16.27	54.44	0.69	6.26	183.3	1.02	44.29
3.746	16.27	54.46	0.72	6.21	177.24	1.0	44.31
3.776	16.28	54.41	0.53	6.18	169.21	0.99	44.25
3.809	16.3	54.46	0.57	6.17	178.97	0.98	44.28

3.842	16.3	54.5	0.53	6.17	179.31	1.03	44.31
3.871	16.32	54.47	0.65	6.2	172.5	1.06	44.27
3.89	16.35	54.66	0.76	6.39	167.65	0.98	44.41
3.905	16.36	54.61	0.65	6.43	167.69	1.07	44.35
3.924	16.36	54.62	0.65	6.46	183.3	1.08	44.36
3.944	16.36	54.73	0.5	6.49	180.47	1.17	44.45
3.977	16.37	54.74	0.46	6.51	172.62	1.13	44.46
4.006	16.37	54.73	0.53	6.52	168.98	1.12	44.45
4.022	16.37	54.74	0.69	6.55	170.51	1.01	44.45
4.043	16.38	54.77	0.69	6.57	175.73	0.99	44.48
4.076	16.38	54.77	0.61	6.6	174.11	1.03	44.47
4.109	16.39	54.79	0.57	6.62	165.68	0.98	44.49
4.138	16.4	54.81	0.65	6.64	170.47	1.03	44.49
4.163	16.41	54.84	0.69	6.66	172.82	1.08	44.5
4.19	16.43	54.89	0.53	6.67	162.79	0.98	44.53
4.217	16.45	54.93	0.65	6.67	163.2	1.0	44.54
4.237	16.47	54.99	0.5	6.67	168.43	0.91	44.57
4.251	16.49	55.07	0.65	6.66	170.63	1.02	44.62
4.261	16.51	55.16	0.5	6.66	164.69	1.01	44.68
4.274	16.53	55.29	0.57	6.67	160.61	1.05	44.77
4.292	16.56	55.34	0.38	6.71	160.76	1.05	44.8
4.306	16.57	55.41	0.65	6.74	161.36	1.15	44.84
4.323	16.59	55.45	0.57	6.8	168.47	1.26	44.86
4.34	16.6	55.47	0.57	6.87	165.64	1.01	44.86
4.359	16.61	55.5	0.53	6.94	157.59	1.02	44.89
4.382	16.62	55.52	0.57	7.02	157.26	1.01	44.89
4.408	16.63	55.55	0.53	7.11	157.41	1.01	44.91
4.436	16.64	55.58	0.57	7.18	159.72	1.05	44.93
4.455	16.64	55.59	0.46	7.24	161.44	0.98	44.93
4.457	16.65	55.63	0.5	7.33	165.3	0.94	44.95
4.479	16.66	55.65	0.57	7.37	162.11	1.01	44.96
4.526	16.66	55.65	0.57	7.41	160.95	1.0	44.96
4.566	16.66	55.64	0.57	7.46	158.51	1.04	44.95
4.592	16.67	55.66	0.61	7.54	162.86	1.03	44.97
4.618	16.67	55.68	0.57	7.66	162.86	1.11	44.98
4.642	16.67	55.69	0.46	7.77	158.69	1.04	44.98
4.661	16.67	55.7	0.5	7.86	156.24	1.17	44.99
4.684	16.68	55.71	0.57	7.94	156.35	1.14	45.0
4.722	16.68	55.72	0.65	8.01	155.85	1.18	45.0
4.76	16.68	55.72	0.69	8.05	157.7	1.09	45.0
4.777	16.69	55.73	0.69	8.08	157.19	1.05	45.01
4.78	16.69	55.73	0.5	8.12	156.39	1.01	45.01
4.791	16.69	55.74	0.65	8.15	154.55	1.11	45.01
4.822	16.69	55.74	0.72	8.18	154.44	1.14	45.01
4.855	16.69	55.74	1.11	8.22	155.09	1.14	45.01
4.862	16.7	55.79	0.8	8.33	154.91	1.01	45.04
4.867	16.71	55.78	0.92	8.35	153.16	0.99	45.03
4.878	16.71	55.77	0.88	8.35	151.15	1.0	45.02
4.937	16.72	55.82	1.22	8.3	149.48	0.94	45.06
4.948	16.73	55.85	1.22	8.31	148.51	1.03	45.07
4.987	16.74	55.85	1.11	8.31	148.65	0.99	45.06
5.031	16.74	55.84	0.95	8.33	146.94	1.01	45.05
5.055	16.74	55.88	0.84	8.35	144.34	1.01	45.08
5.071	16.76	55.92	0.84	8.38	144.2	1.03	45.11
5.104	16.77	55.93	0.76	8.42	146.05	1.05	45.1
5.135	16.78	55.93	0.69	8.45	145.34	1.04	45.09
5.145	16.79	55.94	0.57	8.46	144.71	1.06	45.09
5.152	16.79	55.95	0.38	8.47	144.61	1.05	45.09

5.173	16.79	55.95	0.61	8.48	145.04	1.13	45.09
5.197	16.79	55.95	0.46	8.48	145.21	1.09	45.09
5.213	16.8	55.95	0.5	8.46	143.9	1.05	45.09
5.222	16.8	55.95	0.42	8.43	143.01	1.05	45.09
5.232	16.8	55.96	0.38	8.36	142.61	1.1	45.09
5.239	16.8	55.96	0.61	8.28	141.78	1.05	45.09
5.247	16.8	55.96	0.53	8.18	142.94	1.01	45.09
5.255	16.8	55.96	0.5	8.09	142.54	1.04	45.09
5.273	16.8	55.96	0.88	8.01	139.76	1.1	45.09
5.306	16.8	55.96	1.03	7.97	139.08	1.07	45.09
5.345	16.8	55.96	0.69	7.96	141.62	1.01	45.09
5.376	16.8	55.96	0.69	7.95	140.25	0.97	45.1
5.4	16.8	55.96	0.65	7.97	139.12	1.0	45.1
5.431	16.8	55.97	0.69	7.98	139.18	1.14	45.1
5.453	16.8	55.97	0.76	8.01	136.97	1.07	45.1
5.475	16.8	55.96	0.8	8.03	135.68	1.1	45.1
5.509	16.8	55.97	0.57	8.06	135.58	1.04	45.1
5.548	16.8	55.97	0.8	8.09	136.81	1.11	45.1
5.589	16.8	55.97	0.72	8.11	133.9	1.08	45.1
5.627	16.8	55.97	0.65	8.15	131.89	1.01	45.1
5.659	16.8	55.97	0.53	8.18	131.07	0.98	45.1
5.684	16.8	55.97	0.76	8.21	133.12	0.99	45.1
5.701	16.8	55.97	0.8	8.23	132.14	0.96	45.1
5.718	16.8	55.97	0.69	8.23	130.86	0.96	45.1
5.738	16.8	55.97	0.69	8.22	129.68	1.06	45.1
5.761	16.8	55.97	0.65	8.22	129.89	1.11	45.1
5.781	16.8	55.97	0.61	8.21	129.5	1.01	45.1
5.794	16.8	55.97	0.5	8.22	128.57	1.06	45.1
5.801	16.8	55.97	0.5	8.22	128.16	1.1	45.1
5.817	16.8	55.97	0.76	8.21	127.74	0.98	45.1
5.844	16.8	55.97	0.76	8.21	128.48	0.99	45.1
5.87	16.8	55.97	0.76	8.21	128.93	1.01	45.1
5.88	16.8	55.97	0.65	8.21	127.65	0.98	45.1
5.888	16.8	55.97	0.53	8.2	126.83	1.1	45.1
5.913	16.8	55.97	0.61	8.19	124.67	1.04	45.1
5.942	16.8	55.97	0.61	8.19	124.93	1.04	45.1
5.963	16.8	55.97	0.38	8.21	126.71	1.05	45.1
5.984	16.8	55.97	0.53	8.23	126.3	1.03	45.1
6.004	16.8	55.97	0.53	8.25	124.21	1.09	45.1
6.024	16.8	55.97	0.46	8.27	122.3	1.1	45.1
6.041	16.8	55.97	0.61	8.28	122.3	1.0	45.1
6.057	16.8	55.97	0.65	8.28	122.32	1.01	45.1
6.069	16.8	55.97	0.57	8.28	122.69	1.0	45.1
6.088	16.8	55.98	0.65	8.27	121.64	0.98	45.11
6.114	16.8	55.98	0.65	8.26	120.05	1.08	45.1
6.142	16.8	55.97	0.61	8.26	118.94	1.07	45.1
6.169	16.8	55.97	0.38	8.26	119.11	1.08	45.1
6.197	16.8	55.97	0.57	8.26	119.0	1.06	45.1
6.224	16.8	55.98	0.57	8.26	118.69	1.06	45.11
6.251	16.8	55.98	0.57	8.27	117.68	1.02	45.11
6.271	16.81	55.98	0.69	8.27	116.92	1.02	45.1
6.282	16.81	55.98	0.57	8.27	115.81	1.11	45.1
6.286	16.81	55.98	0.57	8.26	115.36	1.05	45.1
6.288	16.81	55.99	0.72	8.26	116.16	1.01	45.1
6.291	16.81	55.98	0.53	8.26	115.76	0.97	45.1
6.294	16.81	55.98	0.65	8.27	116.32	1.0	45.1
6.297	16.81	55.98	1.03	8.28	116.95	1.02	45.1
6.298	16.81	55.98	0.99	8.3	117.98	1.0	45.1

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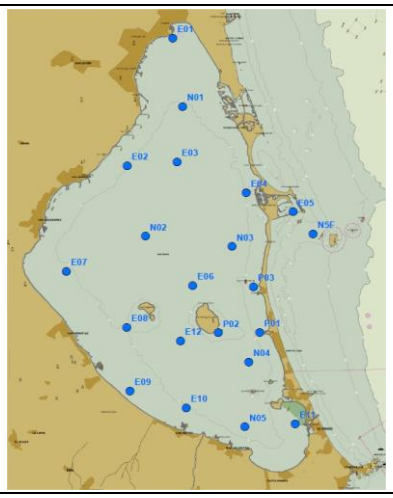

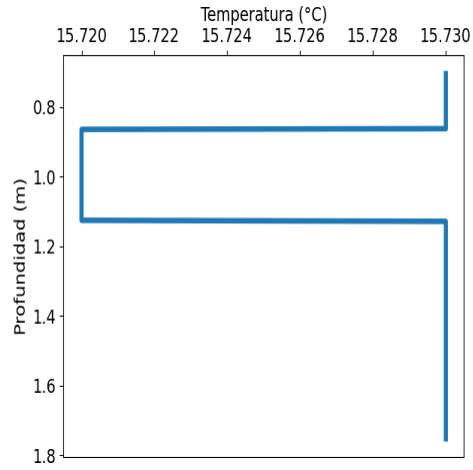

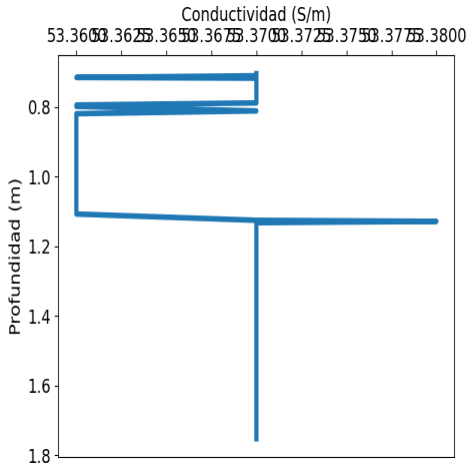

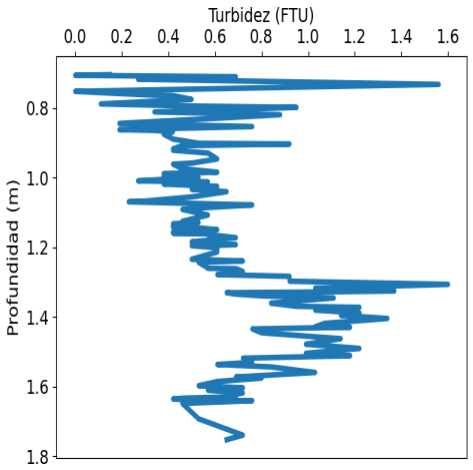

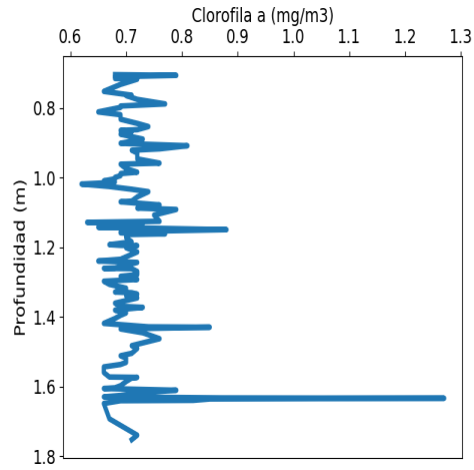

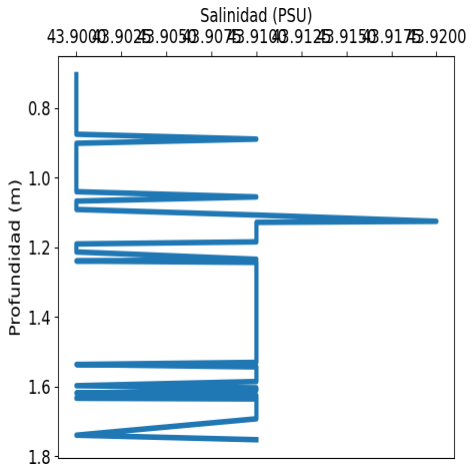

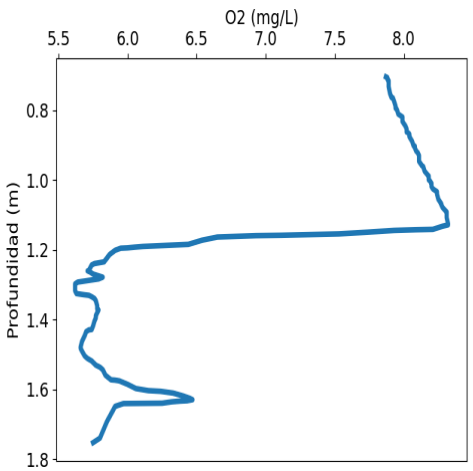

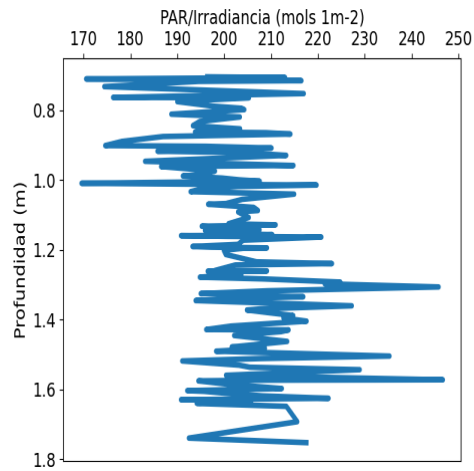

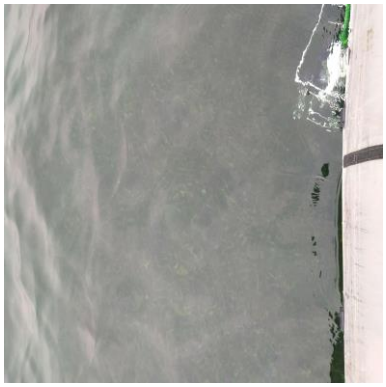

VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.72	53.36	0.0	5.62	169.53	0.62	43.9
PROF (metros)	0.864	0.715	0.706	1.297	1.009	1.018	0.704
MÁXIMO	15.73	15.73	1.6	8.32	246.66	1.27	43.92
PROF (metros)	0.704	1.128	1.306	1.125	1.572	1.633	1.125

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	15.73	53.36	0.51	8.03	195.72	0.71	43.9
1 - 2m	15.73	53.37	0.71	6.48	205.71	0.71	43.91

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.704	15.73	53.37	0.15	7.87	196.36	0.68	43.9
0.706	15.73	53.37	0.0	7.88	213.0	0.79	43.9
0.71	15.73	53.37	0.69	7.88	170.51	0.68	43.9
0.715	15.73	53.36	0.65	7.89	216.49	0.68	43.9
0.717	15.73	53.37	0.27	7.89	194.55	0.72	43.9
0.732	15.73	53.37	1.56	7.89	174.39	0.69	43.9
0.752	15.73	53.37	0.0	7.9	216.99	0.66	43.9
0.763	15.73	53.37	0.34	7.91	176.26	0.71	43.9
0.764	15.73	53.37	0.42	7.92	205.3	0.7	43.9
0.775	15.73	53.37	0.5	7.93	189.96	0.72	43.9
0.788	15.73	53.37	0.11	7.94	197.64	0.77	43.9
0.794	15.73	53.36	0.5	7.94	203.69	0.69	43.9
0.798	15.73	53.36	0.95	7.95	204.3	0.69	43.9
0.811	15.73	53.37	0.34	7.96	188.69	0.65	43.9
0.819	15.73	53.36	0.88	7.99	203.35	0.69	43.9
0.832	15.73	53.36	0.53	7.99	194.77	0.69	43.9
0.844	15.73	53.36	0.19	8.01	193.29	0.72	43.9
0.853	15.73	53.36	0.76	8.02	203.4	0.74	43.9
0.862	15.73	53.36	0.19	8.02	193.74	0.72	43.9
0.864	15.72	53.36	0.34	8.03	208.94	0.69	43.9
0.868	15.72	53.36	0.42	8.04	214.14	0.71	43.9
0.875	15.72	53.36	0.38	8.04	186.95	0.69	43.9
0.889	15.72	53.36	0.42	8.06	178.19	0.73	43.91
0.901	15.72	53.36	0.53	8.07	174.59	0.69	43.9
0.903	15.72	53.36	0.92	8.08	196.09	0.72	43.9
0.908	15.72	53.36	0.46	8.08	210.11	0.81	43.9
0.917	15.72	53.36	0.42	8.09	185.74	0.76	43.9
0.921	15.72	53.36	0.42	8.1	204.2	0.71	43.9
0.929	15.72	53.36	0.57	8.11	213.25	0.72	43.9
0.946	15.72	53.36	0.61	8.11	183.09	0.72	43.9
0.958	15.72	53.36	0.5	8.13	214.79	0.76	43.9
0.961	15.72	53.36	0.42	8.14	186.51	0.69	43.9
0.974	15.72	53.36	0.46	8.15	198.05	0.7	43.9
0.984	15.72	53.36	0.61	8.17	194.96	0.72	43.9
0.988	15.72	53.36	0.38	8.18	191.15	0.69	43.9
0.994	15.72	53.36	0.38	8.18	199.53	0.69	43.9
0.999	15.72	53.36	0.53	8.18	203.12	0.68	43.9
1.003	15.72	53.36	0.42	8.19	207.59	0.68	43.9
1.009	15.72	53.36	0.27	8.2	169.53	0.66	43.9
1.012	15.72	53.36	0.57	8.2	197.46	0.68	43.9

1.014	15.72	53.36	0.46	8.2	219.72	0.67	43.9
1.018	15.72	53.36	0.38	8.2	202.93	0.62	43.9
1.025	15.72	53.36	0.61	8.21	195.14	0.67	43.9
1.033	15.72	53.36	0.5	8.24	192.8	0.71	43.9
1.04	15.72	53.36	0.65	8.24	214.94	0.74	43.9
1.055	15.72	53.36	0.5	8.25	203.83	0.72	43.91
1.067	15.72	53.36	0.3	8.27	200.36	0.71	43.9
1.069	15.72	53.36	0.23	8.27	196.54	0.69	43.9
1.078	15.72	53.36	0.76	8.28	206.3	0.76	43.9
1.087	15.72	53.36	0.53	8.3	207.21	0.72	43.9
1.091	15.72	53.36	0.46	8.31	202.93	0.79	43.9
1.107	15.72	53.36	0.57	8.31	205.25	0.75	43.91
1.125	15.72	53.37	0.46	8.32	200.87	0.76	43.92
1.128	15.73	53.38	0.53	8.32	210.99	0.63	43.91
1.132	15.73	53.37	0.42	8.28	195.18	0.73	43.91
1.141	15.73	53.37	0.42	8.21	204.06	0.71	43.91
1.142	15.73	53.37	0.42	8.09	207.55	0.65	43.91
1.144	15.73	53.37	0.53	7.93	195.86	0.72	43.91
1.149	15.73	53.37	0.61	7.74	202.88	0.88	43.91
1.154	15.73	53.37	0.5	7.53	201.67	0.72	43.91
1.156	15.73	53.37	0.42	7.32	210.26	0.69	43.91
1.158	15.73	53.37	0.53	7.11	205.96	0.69	43.91
1.159	15.73	53.37	0.42	6.93	190.75	0.7	43.91
1.161	15.73	53.37	0.57	6.78	200.64	0.77	43.91
1.163	15.73	53.37	0.57	6.65	220.74	0.7	43.91
1.172	15.73	53.37	0.69	6.54	204.06	0.7	43.91
1.184	15.73	53.37	0.5	6.44	202.93	0.71	43.91
1.19	15.73	53.37	0.57	6.11	193.2	0.68	43.9
1.192	15.73	53.37	0.69	6.05	197.23	0.67	43.9
1.194	15.73	53.37	0.61	6.0	209.14	0.69	43.9
1.195	15.73	53.37	0.5	5.95	204.16	0.72	43.9
1.201	15.73	53.37	0.61	5.91	199.9	0.7	43.9
1.213	15.73	53.37	0.61	5.87	200.31	0.72	43.9
1.234	15.73	53.37	0.5	5.83	206.87	0.69	43.91
1.239	15.73	53.37	0.72	5.76	223.01	0.65	43.9
1.243	15.73	53.37	0.53	5.74	202.37	0.72	43.91
1.259	15.73	53.37	0.57	5.72	197.96	0.68	43.91
1.26	15.73	53.37	0.57	5.71	209.14	0.66	43.91
1.261	15.73	53.37	0.69	5.72	196.45	0.71	43.91
1.269	15.73	53.37	0.72	5.75	203.69	0.72	43.91
1.278	15.73	53.37	0.61	5.82	194.77	0.72	43.91
1.283	15.73	53.37	0.92	5.79	208.46	0.69	43.91
1.292	15.73	53.37	0.92	5.64	224.77	0.72	43.91
1.297	15.73	53.37	0.92	5.62	221.41	0.66	43.91
1.306	15.73	53.37	1.6	5.62	245.75	0.67	43.91
1.317	15.73	53.37	1.03	5.62	209.19	0.7	43.91
1.325	15.73	53.37	1.37	5.63	194.96	0.7	43.91
1.328	15.73	53.37	1.03	5.68	208.03	0.68	43.91
1.33	15.73	53.37	0.65	5.72	203.87	0.71	43.91
1.334	15.73	53.37	0.69	5.74	216.89	0.72	43.91
1.339	15.73	53.37	0.8	5.76	202.51	0.7	43.91
1.345	15.73	53.37	1.11	5.77	193.87	0.72	43.91
1.36	15.73	53.37	0.84	5.78	227.23	0.68	43.91
1.369	15.73	53.37	0.95	5.78	207.64	0.69	43.91
1.372	15.73	53.37	1.22	5.79	204.82	0.73	43.91
1.38	15.73	53.37	1.03	5.78	209.67	0.68	43.91
1.388	15.73	53.37	1.22	5.77	214.74	0.7	43.91
1.395	15.73	53.37	1.14	5.77	212.61	0.69	43.91

1.404	15.73	53.37	1.34	5.76	217.59	0.68	43.91
1.418	15.73	53.37	1.07	5.75	201.52	0.66	43.91
1.428	15.73	53.37	1.03	5.74	196.13	0.74	43.91
1.429	15.73	53.37	1.18	5.72	213.75	0.85	43.91
1.434	15.73	53.37	0.76	5.7	212.12	0.69	43.91
1.445	15.73	53.37	0.8	5.69	202.09	0.73	43.91
1.462	15.73	53.37	1.14	5.67	213.45	0.76	43.91
1.478	15.73	53.37	0.99	5.66	201.57	0.72	43.91
1.482	15.73	53.37	1.07	5.66	208.7	0.71	43.91
1.49	15.73	53.37	1.22	5.67	198.24	0.72	43.91
1.504	15.73	53.37	0.99	5.69	235.27	0.71	43.91
1.511	15.73	53.37	1.18	5.71	207.93	0.69	43.91
1.518	15.73	53.37	0.72	5.74	191.02	0.7	43.91
1.53	15.73	53.37	0.76	5.77	203.17	0.7	43.91
1.536	15.73	53.37	0.61	5.8	205.49	0.69	43.9
1.543	15.73	53.37	0.84	5.82	228.92	0.66	43.91
1.559	15.73	53.37	1.03	5.84	200.36	0.66	43.91
1.572	15.73	53.37	0.69	5.88	246.66	0.67	43.91
1.573	15.73	53.37	0.76	5.91	208.51	0.72	43.91
1.575	15.73	53.37	0.8	5.94	194.46	0.71	43.91
1.585	15.73	53.37	0.61	6.0	201.06	0.7	43.91
1.597	15.73	53.37	0.53	6.06	212.31	0.69	43.9
1.603	15.73	53.37	0.72	6.15	192.08	0.68	43.91
1.605	15.73	53.37	0.57	6.24	195.72	0.66	43.91
1.61	15.73	53.37	0.57	6.33	199.9	0.79	43.91
1.618	15.73	53.37	0.72	6.4	208.12	0.72	43.9
1.625	15.73	53.37	0.65	6.45	222.28	0.69	43.91
1.629	15.73	53.37	0.69	6.47	190.75	0.66	43.91
1.632	15.73	53.37	0.5	6.43	205.77	0.87	43.9
1.633	15.73	53.37	0.46	6.38	195.18	1.27	43.9
1.635	15.73	53.37	0.42	6.32	200.31	0.85	43.91
1.639	15.73	53.37	0.5	6.25	194.1	0.82	43.91
1.64	15.73	53.37	0.76	5.97	194.77	0.69	43.91
1.648	15.73	53.37	0.46	5.91	213.25	0.66	43.91
1.692	15.73	53.37	0.53	5.85	215.59	0.67	43.91
1.739	15.73	53.37	0.72	5.8	192.44	0.72	43.9
1.752	15.73	53.37	0.65	5.75	217.54	0.71	43.91

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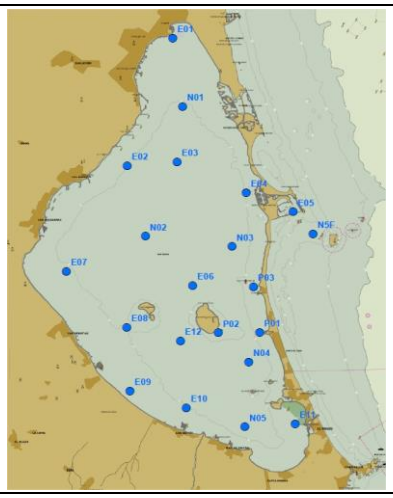
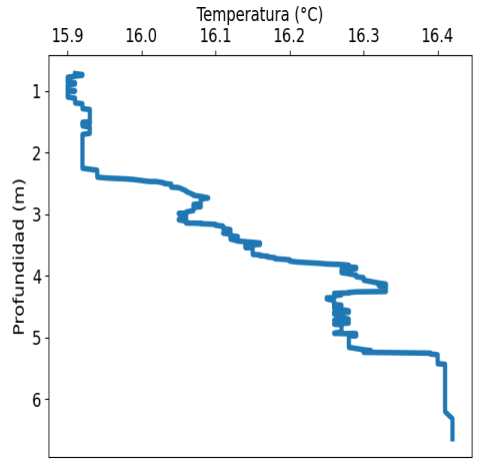
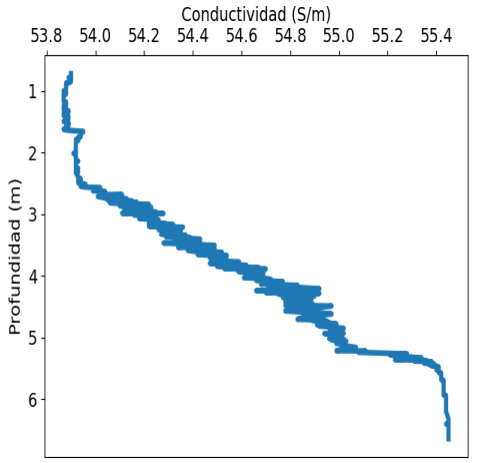
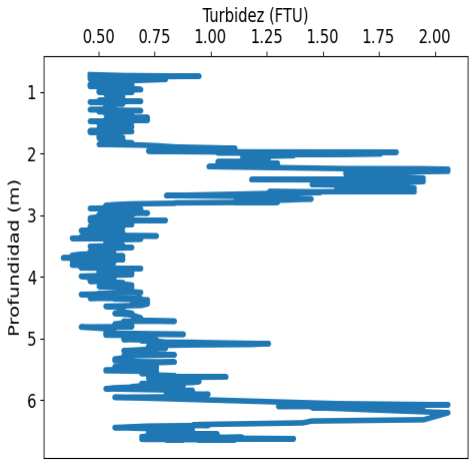
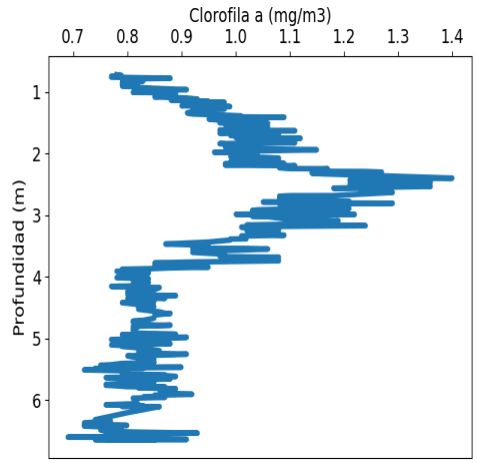
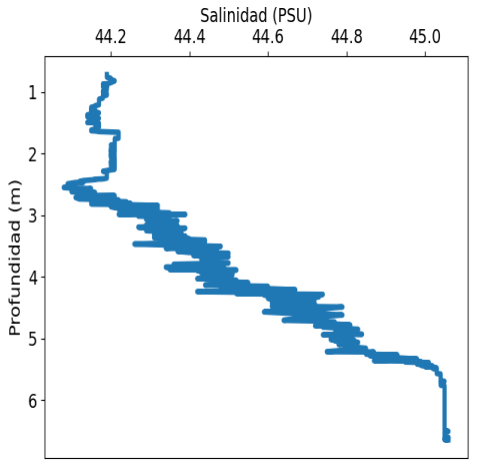


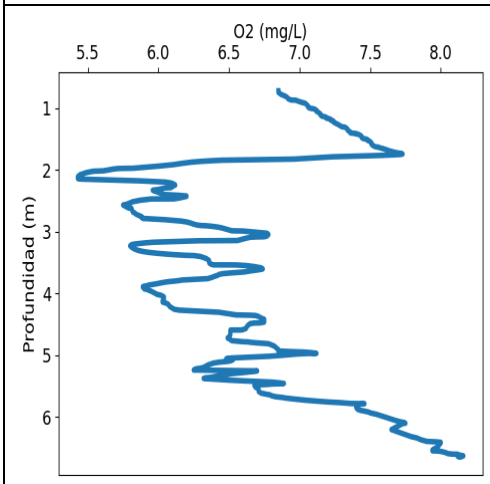


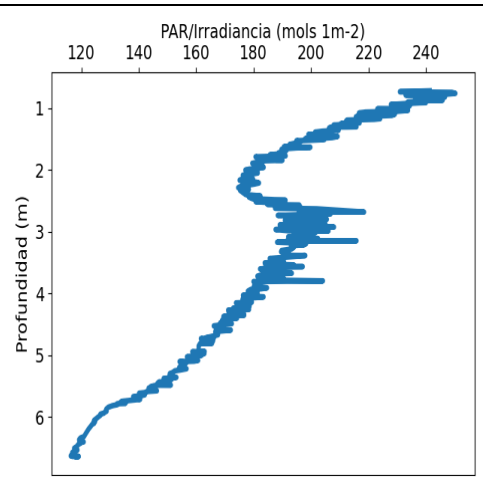


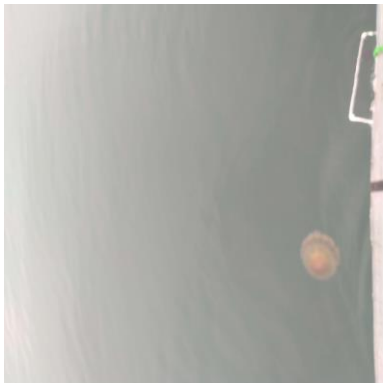












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.9	53.87	0.34	5.43	116.3	0.69	44.08
PROF (metros)	0.78	0.999	3.693	2.112	6.629	6.601	2.551
MÁXIMO	16.42	16.42	2.06	8.16	250.29	1.4	45.06
PROF (metros)	6.318	6.318	2.255	6.628	0.762	2.399	6.506

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	15.91	53.89	0.58	6.96	238.37	0.82	44.19
1 - 2m	15.92	53.9	0.63	7.12	201.05	0.98	44.18
2 - 3m	16.0	54.0	1.26	5.93	186.51	1.14	44.19
3 - 4m	16.16	54.41	0.54	6.25	189.32	0.98	44.39
4 - 5m	16.28	54.86	0.6	6.52	169.62	0.83	44.67
5 - 6m	16.38	55.31	0.75	6.81	144.88	0.82	44.97
6 - 7m	16.42	55.45	1.12	7.98	119.19	0.79	45.05

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.721	15.91	53.9	0.46	6.85	241.35	0.78	44.19
0.736	15.92	53.9	0.61	6.85	230.9	0.79	44.19
0.746	15.92	53.9	0.95	6.85	249.02	0.77	44.19
0.762	15.91	53.9	0.57	6.86	250.29	0.77	44.19
0.78	15.9	53.9	0.46	6.87	246.21	0.88	44.2
0.789	15.9	53.89	0.46	6.88	232.88	0.81	44.2
0.798	15.9	53.9	0.8	6.89	244.61	0.79	44.2
0.822	15.9	53.9	0.61	6.91	246.66	0.83	44.21
0.851	15.9	53.9	0.5	6.92	238.62	0.79	44.2
0.87	15.91	53.89	0.65	6.94	237.35	0.79	44.19
0.872	15.91	53.88	0.5	6.97	245.86	0.8	44.18
0.878	15.91	53.88	0.46	6.98	236.09	0.79	44.18
0.889	15.91	53.88	0.65	6.99	237.24	0.82	44.19
0.903	15.9	53.88	0.46	7.01	233.64	0.79	44.19
0.912	15.9	53.88	0.46	7.02	240.01	0.8	44.19
0.915	15.9	53.88	0.61	7.03	237.85	0.82	44.18
0.923	15.9	53.88	0.5	7.04	234.73	0.81	44.19
0.943	15.9	53.88	0.65	7.05	227.76	0.85	44.19
0.964	15.9	53.88	0.69	7.06	234.4	0.91	44.19
0.985	15.9	53.88	0.5	7.06	228.92	0.84	44.18
0.999	15.91	53.87	0.57	7.07	231.38	0.89	44.18
1.005	15.91	53.87	0.5	7.08	233.75	0.87	44.18
1.008	15.9	53.87	0.65	7.09	229.14	0.81	44.18
1.013	15.9	53.87	0.57	7.1	223.06	0.86	44.18
1.022	15.9	53.88	0.53	7.11	230.36	0.85	44.19
1.037	15.9	53.88	0.53	7.12	233.8	0.89	44.19
1.052	15.9	53.88	0.61	7.12	230.15	0.88	44.19
1.065	15.9	53.87	0.57	7.13	218.96	0.88	44.18
1.081	15.9	53.87	0.57	7.14	216.64	0.85	44.18
1.1	15.9	53.87	0.61	7.15	229.19	0.91	44.18
1.119	15.91	53.87	0.53	7.15	228.13	0.93	44.17
1.132	15.91	53.87	0.53	7.16	221.67	0.88	44.17
1.141	15.91	53.87	0.5	7.18	215.59	0.9	44.17
1.152	15.91	53.87	0.69	7.19	218.76	0.95	44.17
1.164	15.91	53.87	0.46	7.19	217.24	0.92	44.17

1.172	15.91	53.87	0.5	7.21	224.09	0.98	44.17
1.182	15.91	53.88	0.57	7.22	222.03	0.92	44.17
1.195	15.91	53.88	0.61	7.22	212.51	0.91	44.17
1.21	15.92	53.88	0.53	7.24	212.17	0.92	44.17
1.225	15.92	53.88	0.53	7.24	215.34	0.9	44.16
1.239	15.92	53.87	0.53	7.25	216.94	0.99	44.16
1.25	15.92	53.87	0.57	7.26	210.45	0.92	44.15
1.262	15.92	53.87	0.57	7.27	212.51	0.95	44.15
1.276	15.92	53.87	0.57	7.28	207.83	0.98	44.15
1.289	15.92	53.88	0.46	7.29	212.76	0.94	44.16
1.303	15.93	53.87	0.61	7.3	215.84	0.95	44.15
1.306	15.93	53.87	0.69	7.31	212.81	0.94	44.15
1.308	15.93	53.87	0.53	7.32	207.06	0.93	44.15
1.322	15.93	53.89	0.5	7.33	206.25	0.92	44.16
1.341	15.93	53.89	0.61	7.34	208.41	0.91	44.17
1.359	15.93	53.88	0.53	7.34	209.62	0.92	44.15
1.374	15.93	53.87	0.65	7.35	204.06	0.97	44.14
1.39	15.93	53.87	0.61	7.36	201.38	1.01	44.14
1.403	15.93	53.87	0.61	7.36	204.58	0.98	44.14
1.412	15.93	53.88	0.57	7.4	206.92	1.09	44.15
1.417	15.93	53.89	0.72	7.4	203.78	1.02	44.16
1.428	15.93	53.89	0.61	7.42	199.02	0.98	44.17
1.441	15.93	53.89	0.53	7.43	203.59	0.95	44.16
1.459	15.93	53.88	0.72	7.44	209.28	0.97	44.15
1.478	15.93	53.88	0.46	7.44	207.35	1.01	44.15
1.493	15.93	53.87	0.57	7.45	202.46	1.01	44.15
1.497	15.93	53.87	0.65	7.46	197.91	1.01	44.14
1.498	15.93	53.87	0.53	7.46	199.16	1.01	44.15
1.501	15.93	53.88	0.53	7.47	204.25	0.97	44.16
1.51	15.92	53.89	0.5	7.48	204.63	1.06	44.17
1.521	15.92	53.89	0.5	7.48	199.9	0.98	44.17
1.529	15.93	53.88	0.61	7.49	194.86	0.98	44.16
1.544	15.92	53.89	0.61	7.5	196.41	1.01	44.17
1.567	15.92	53.89	0.65	7.51	194.68	1.06	44.17
1.589	15.93	53.88	0.5	7.51	192.49	1.01	44.16
1.607	15.93	53.88	0.53	7.52	195.77	1.03	44.16
1.619	15.93	53.87	0.53	7.53	195.09	0.97	44.15
1.627	15.93	53.87	0.61	7.54	190.49	0.98	44.15
1.631	15.93	53.88	0.46	7.55	196.54	1.11	44.15
1.634	15.93	53.88	0.53	7.56	199.8	0.99	44.16
1.644	15.93	53.9	0.65	7.57	195.0	0.99	44.17
1.656	15.93	53.95	0.46	7.59	191.37	0.99	44.22
1.67	15.93	53.95	0.57	7.61	189.65	0.97	44.22
1.688	15.93	53.94	0.5	7.63	191.42	1.08	44.22
1.708	15.92	53.94	0.5	7.66	190.18	0.99	44.22
1.724	15.92	53.94	0.5	7.69	188.69	1.01	44.22
1.735	15.92	53.94	0.53	7.72	189.08	1.04	44.22
1.744	15.92	53.94	0.61	7.73	188.21	1.0	44.22
1.752	15.92	53.93	0.5	7.71	186.82	1.12	44.22
1.758	15.92	53.93	0.53	7.66	185.61	1.07	44.21
1.766	15.92	53.93	0.53	7.58	188.91	1.03	44.21
1.773	15.92	53.93	0.57	7.48	191.2	1.11	44.21
1.779	15.92	53.93	0.53	7.37	187.94	1.04	44.21
1.789	15.92	53.92	0.61	7.23	180.64	1.03	44.21
1.806	15.92	53.93	0.53	7.1	181.9	1.04	44.21
1.826	15.92	53.92	0.65	6.96	186.69	1.11	44.21
1.84	15.92	53.92	0.65	6.53	187.81	0.97	44.21
1.844	15.92	53.92	0.61	6.45	190.09	0.98	44.21

1.852	15.92	53.92	0.5	6.38	184.24	0.98	44.21
1.863	15.92	53.92	0.69	6.3	181.94	0.99	44.2
1.874	15.92	53.92	0.76	6.24	181.57	0.99	44.21
1.894	15.92	53.92	0.84	6.17	179.51	0.98	44.21
1.915	15.92	53.92	1.11	6.11	180.31	1.0	44.2
1.929	15.92	53.92	0.88	6.05	183.09	1.09	44.2
1.94	15.92	53.92	0.95	6.0	182.45	1.15	44.21
1.951	15.92	53.92	0.88	5.94	181.4	1.08	44.21
1.959	15.92	53.92	0.72	5.9	183.55	1.03	44.2
1.967	15.92	53.92	0.8	5.85	181.78	1.03	44.21
1.974	15.92	53.92	1.03	5.82	179.97	1.03	44.2
1.976	15.92	53.92	1.72	5.75	181.69	1.01	44.2
1.979	15.92	53.92	1.83	5.71	181.82	0.96	44.2
1.988	15.92	53.92	1.03	5.68	178.48	1.04	44.2
2.004	15.92	53.92	1.76	5.64	177.08	1.02	44.2
2.016	15.92	53.91	1.6	5.61	178.44	1.01	44.2
2.018	15.92	53.92	1.37	5.58	179.39	1.04	44.2
2.022	15.92	53.92	1.34	5.54	179.89	1.03	44.21
2.035	15.92	53.92	1.37	5.51	181.14	1.04	44.2
2.051	15.92	53.92	1.14	5.48	181.48	0.99	44.2
2.063	15.92	53.92	1.22	5.47	179.89	1.05	44.2
2.074	15.92	53.92	1.26	5.45	177.32	1.08	44.21
2.088	15.92	53.92	1.14	5.44	176.18	1.08	44.21
2.112	15.92	53.92	1.22	5.43	176.75	1.08	44.21
2.128	15.92	53.92	1.22	5.43	177.12	1.01	44.2
2.133	15.92	53.92	1.03	5.43	177.61	0.99	44.21
2.14	15.92	53.93	1.22	5.43	178.93	1.08	44.21
2.147	15.92	53.92	1.22	5.44	179.81	1.08	44.2
2.151	15.92	53.92	1.03	5.47	177.28	1.08	44.21
2.155	15.92	53.92	1.22	5.53	176.75	1.08	44.21
2.158	15.92	53.92	1.3	5.58	176.75	1.06	44.21
2.163	15.92	53.92	1.14	5.65	175.4	1.09	44.21
2.167	15.92	53.92	1.18	5.72	175.08	0.98	44.21
2.171	15.92	53.92	1.26	5.79	177.41	1.02	44.21
2.178	15.92	53.92	1.11	5.87	177.86	1.03	44.21
2.186	15.92	53.92	1.14	5.94	177.28	0.98	44.2
2.193	15.92	53.92	1.11	6.0	176.09	1.04	44.2
2.198	15.92	53.92	1.07	6.05	180.85	1.11	44.21
2.212	15.92	53.92	0.99	6.09	181.9	1.09	44.21
2.231	15.92	53.92	1.34	6.11	180.14	1.08	44.21
2.245	15.92	53.92	1.6	6.12	178.23	1.1	44.2
2.247	15.92	53.92	1.95	6.12	177.57	1.17	44.2
2.255	15.92	53.93	2.06	6.11	175.97	1.16	44.21
2.288	15.94	53.92	2.06	6.09	174.59	1.14	44.18
2.292	15.94	53.92	1.98	6.05	175.44	1.24	44.19
2.302	15.94	53.92	1.6	6.03	178.23	1.27	44.19
2.317	15.94	53.93	1.64	6.0	178.39	1.14	44.19
2.33	15.94	53.92	1.6	5.96	175.24	1.16	44.19
2.399	15.94	53.93	1.95	6.04	177.2	1.4	44.19
2.411	15.95	53.93	1.79	6.14	179.68	1.32	44.18
2.418	15.96	53.93	1.68	6.18	181.4	1.24	44.16
2.423	15.97	53.94	1.18	6.2	182.41	1.23	44.16
2.429	15.98	53.94	1.72	6.2	180.27	1.21	44.15
2.439	15.99	53.93	1.83	6.18	178.31	1.26	44.13
2.455	16.0	53.93	1.95	6.15	179.02	1.3	44.12
2.47	16.01	53.94	1.83	6.11	179.81	1.36	44.13
2.471	16.02	53.94	1.83	5.95	181.65	1.3	44.11
2.492	16.03	53.93	1.76	5.87	191.15	1.21	44.09

2.502	16.03	53.94	1.45	5.85	183.68	1.28	44.09
2.515	16.04	53.96	1.64	5.82	180.68	1.35	44.11
2.534	16.04	53.95	1.68	5.8	187.08	1.36	44.09
2.551	16.04	53.94	1.87	5.78	184.66	1.24	44.08
2.562	16.04	53.96	1.91	5.77	184.92	1.18	44.1
2.569	16.05	54.02	1.56	5.75	195.91	1.27	44.15
2.619	16.06	53.99	1.91	5.79	196.54	1.23	44.11
2.62	16.06	53.99	1.26	5.81	187.42	1.25	44.1
2.631	16.06	54.04	1.49	5.81	201.99	1.29	44.16
2.683	16.07	54.02	0.8	5.82	218.5	1.18	44.14
2.684	16.07	54.11	0.88	5.82	195.68	1.1	44.21
2.693	16.07	54.04	1.11	5.83	203.17	1.08	44.14
2.713	16.08	54.01	1.26	5.84	206.82	1.13	44.11
2.737	16.09	54.04	1.45	5.86	188.38	1.08	44.12
2.754	16.08	54.13	1.34	5.88	199.85	1.16	44.22
2.767	16.08	54.05	1.14	5.88	202.93	1.17	44.15
2.777	16.08	54.07	1.11	5.89	195.18	1.21	44.17
2.786	16.08	54.15	1.11	5.89	193.29	1.05	44.24
2.79	16.08	54.09	1.3	5.92	203.64	1.09	44.19
2.795	16.08	54.06	1.03	5.96	195.77	1.08	44.16
2.8	16.08	54.15	0.84	6.0	205.53	1.18	44.24
2.807	16.08	54.17	0.84	6.05	198.33	1.29	44.25
2.817	16.08	54.06	0.65	6.1	190.84	1.08	44.15
2.829	16.08	54.14	0.57	6.16	199.34	1.11	44.23
2.843	16.07	54.22	0.53	6.2	195.23	1.11	44.32
2.862	16.07	54.1	0.57	6.23	193.02	1.18	44.2
2.878	16.08	54.12	0.57	6.25	205.06	1.11	44.21
2.891	16.07	54.23	0.46	6.27	189.08	1.21	44.32
2.901	16.07	54.15	0.69	6.3	195.54	1.11	44.25
2.905	16.07	54.12	0.69	6.34	194.05	1.08	44.22
2.914	16.07	54.22	0.53	6.38	193.65	1.04	44.31
2.926	16.07	54.12	0.53	6.42	208.03	1.03	44.23
2.94	16.07	54.17	0.61	6.45	193.51	1.11	44.27
2.966	16.06	54.25	0.72	6.49	187.6	1.14	44.35
2.986	16.06	54.11	0.5	6.52	192.35	1.0	44.22
2.988	16.05	54.28	0.61	6.56	206.11	1.22	44.39
2.99	16.05	54.2	0.57	6.6	195.68	1.2	44.32
3.003	16.06	54.16	0.53	6.66	193.83	1.1	44.27
3.015	16.06	54.16	0.65	6.72	201.62	1.03	44.27
3.026	16.06	54.25	0.5	6.77	199.39	1.06	44.35
3.047	16.06	54.2	0.46	6.78	196.32	1.08	44.31
3.07	16.06	54.18	0.57	6.77	199.06	1.1	44.29
3.083	16.06	54.23	0.69	6.75	197.09	1.11	44.34
3.085	16.05	54.22	0.8	6.7	192.0	1.17	44.33
3.091	16.05	54.26	0.46	6.65	193.96	1.19	44.37
3.113	16.06	54.23	0.5	6.61	202.46	1.17	44.34
3.144	16.06	54.22	0.57	6.56	191.68	1.11	44.32
3.146	16.07	54.23	0.5	6.35	192.84	1.14	44.32
3.148	16.08	54.25	0.61	6.28	215.84	1.09	44.34
3.154	16.08	54.29	0.65	6.2	194.01	1.05	44.36
3.16	16.09	54.22	0.5	6.12	193.78	1.02	44.29
3.166	16.1	54.25	0.53	6.04	192.84	1.04	44.31
3.171	16.1	54.32	0.61	5.97	188.16	1.24	44.37
3.181	16.1	54.26	0.46	5.91	193.51	1.09	44.32
3.194	16.11	54.22	0.53	5.86	198.33	1.01	44.27
3.201	16.11	54.23	0.61	5.83	194.55	1.05	44.28
3.211	16.11	54.36	0.5	5.81	197.69	1.05	44.39
3.23	16.11	54.27	0.5	5.8	192.98	1.08	44.32

3.252	16.12	54.26	0.42	5.81	194.05	1.02	44.29
3.28	16.12	54.35	0.61	5.83	193.29	1.08	44.38
3.306	16.11	54.28	0.5	5.86	189.7	1.04	44.32
3.325	16.12	54.27	0.57	5.9	189.52	1.09	44.31
3.338	16.12	54.37	0.76	5.94	191.86	1.01	44.39
3.35	16.12	54.37	0.42	5.99	192.31	1.02	44.39
3.364	16.13	54.29	0.61	6.06	191.42	1.02	44.31
3.374	16.13	54.38	0.38	6.12	190.58	1.02	44.39
3.384	16.13	54.39	0.61	6.2	190.36	1.02	44.4
3.387	16.12	54.33	0.69	6.25	198.01	0.99	44.36
3.403	16.12	54.43	0.53	6.3	193.92	0.99	44.44
3.436	16.13	54.43	0.53	6.34	185.56	0.95	44.44
3.468	16.16	54.28	0.57	6.36	188.91	0.87	44.26
3.489	16.16	54.39	0.61	6.36	190.62	0.95	44.37
3.506	16.14	54.49	0.46	6.36	183.85	0.95	44.48
3.524	16.14	54.36	0.65	6.37	183.98	0.94	44.36
3.538	16.15	54.34	0.57	6.39	194.01	0.92	44.34
3.539	16.14	54.37	0.5	6.55	187.81	1.02	44.37
3.549	16.15	54.46	0.57	6.62	185.91	1.06	44.45
3.566	16.15	54.49	0.53	6.68	197.14	1.01	44.47
3.587	16.15	54.38	0.46	6.73	186.12	0.92	44.37
3.604	16.15	54.41	0.53	6.74	182.2	0.92	44.4
3.618	16.15	54.52	0.57	6.71	190.44	0.95	44.5
3.633	16.15	54.51	0.42	6.66	184.41	0.98	44.49
3.652	16.15	54.42	0.38	6.61	183.26	0.98	44.41
3.662	16.16	54.45	0.61	6.55	185.65	0.97	44.43
3.673	16.16	54.54	0.46	6.49	193.34	0.98	44.5
3.682	16.17	54.5	0.53	6.45	189.08	1.08	44.46
3.693	16.17	54.48	0.34	6.43	185.35	1.01	44.43
3.707	16.18	54.47	0.5	6.42	182.16	1.01	44.43
3.722	16.18	54.53	0.61	6.4	181.27	1.01	44.47
3.74	16.2	54.54	0.38	6.38	183.17	1.08	44.46
3.761	16.2	54.52	0.57	6.35	190.58	0.91	44.44
3.776	16.21	54.59	0.53	6.23	186.6	0.85	44.5
3.783	16.22	54.57	0.5	6.17	183.68	0.9	44.46
3.797	16.24	54.47	0.42	6.13	204.16	0.91	44.36
3.808	16.25	54.51	0.38	6.08	179.93	0.89	44.37
3.817	16.27	54.56	0.42	6.05	180.14	0.85	44.4
3.829	16.28	54.62	0.5	6.02	180.27	0.88	44.45
3.843	16.28	54.5	0.57	5.99	180.22	0.95	44.34
3.855	16.28	54.57	0.42	5.96	181.1	0.88	44.4
3.866	16.29	54.67	0.69	5.93	181.61	0.85	44.49
3.877	16.29	54.53	0.61	5.92	181.35	0.79	44.35
3.883	16.29	54.53	0.57	5.9	180.06	0.81	44.35
3.89	16.28	54.7	0.61	5.89	182.07	0.84	44.52
3.899	16.27	54.58	0.5	5.89	183.26	0.81	44.42
3.91	16.27	54.59	0.53	5.9	184.71	0.78	44.43
3.926	16.28	54.69	0.5	5.9	182.49	0.84	44.51
3.936	16.27	54.59	0.65	5.92	178.97	0.84	44.43
3.947	16.27	54.65	0.65	5.93	178.56	0.83	44.48
3.965	16.28	54.69	0.65	5.95	177.94	0.8	44.51
3.99	16.29	54.65	0.42	5.97	181.4	0.81	44.46
4.014	16.29	54.67	0.46	5.99	180.68	0.78	44.48
4.031	16.3	54.61	0.57	6.02	176.26	0.84	44.42
4.043	16.3	54.7	0.57	6.03	179.51	0.82	44.5
4.056	16.3	54.72	0.53	6.04	183.51	0.81	44.52
4.071	16.3	54.66	0.46	6.04	179.93	0.83	44.46
4.094	16.31	54.77	0.61	6.04	176.09	0.84	44.55

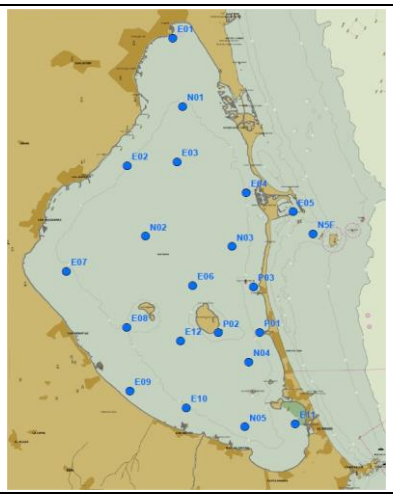
4.117	16.32	54.72	0.61	6.03	178.85	0.81	44.5
4.134	16.33	54.68	0.65	6.03	176.83	0.82	44.44
4.141	16.33	54.77	0.65	6.03	179.43	0.81	44.52
4.146	16.33	54.76	0.61	6.04	177.78	0.82	44.52
4.154	16.32	54.83	0.5	6.05	173.82	0.77	44.6
4.163	16.33	54.71	0.53	6.06	174.75	0.79	44.48
4.174	16.33	54.78	0.65	6.07	178.64	0.86	44.53
4.21	16.33	54.92	0.61	6.08	178.6	0.85	44.67
4.24	16.33	54.66	0.65	6.1	172.82	0.8	44.42
4.254	16.33	54.82	0.69	6.11	175.4	0.84	44.58
4.26	16.29	54.87	0.57	6.12	178.44	0.83	44.67
4.271	16.28	54.7	0.5	6.15	171.11	0.8	44.52
4.277	16.28	54.77	0.53	6.2	173.82	0.81	44.58
4.285	16.26	54.92	0.42	6.26	174.43	0.8	44.74
4.294	16.26	54.75	0.57	6.35	176.26	0.82	44.59
4.305	16.27	54.78	0.5	6.43	171.26	0.89	44.61
4.326	16.26	54.9	0.57	6.49	176.63	0.83	44.73
4.348	16.26	54.77	0.46	6.55	173.66	0.87	44.6
4.353	16.26	54.89	0.69	6.65	176.75	0.8	44.72
4.358	16.25	54.87	0.57	6.69	174.15	0.82	44.72
4.374	16.25	54.82	0.72	6.71	169.45	0.83	44.66
4.401	16.26	54.83	0.72	6.73	174.27	0.85	44.66
4.419	16.26	54.78	0.65	6.75	169.33	0.79	44.61
4.438	16.26	54.89	0.72	6.75	168.98	0.81	44.72
4.464	16.26	54.87	0.69	6.75	171.62	0.83	44.7
4.477	16.27	54.78	0.53	6.72	168.35	0.84	44.61
4.479	16.27	54.84	0.53	6.68	171.78	0.85	44.66
4.489	16.26	54.97	0.57	6.65	172.46	0.82	44.79
4.526	16.26	54.9	0.61	6.63	166.1	0.82	44.72
4.569	16.28	54.78	0.61	6.62	167.92	0.86	44.59
4.592	16.28	54.86	0.65	6.59	167.65	0.87	44.66
4.593	16.26	54.9	0.57	6.51	172.1	0.88	44.72
4.619	16.26	54.97	0.65	6.51	166.6	0.85	44.79
4.669	16.27	54.86	0.69	6.51	167.65	0.85	44.68
4.705	16.28	54.83	0.65	6.5	164.53	0.83	44.64
4.72	16.27	54.94	0.84	6.5	163.35	0.81	44.75
4.721	16.26	54.89	0.61	6.49	166.18	0.83	44.72
4.732	16.27	54.95	0.65	6.5	161.62	0.81	44.77
4.765	16.28	54.96	0.57	6.52	165.95	0.83	44.77
4.782	16.26	54.99	0.57	6.6	164.84	0.85	44.81
4.784	16.26	54.92	0.57	6.63	165.49	0.88	44.75
4.793	16.27	54.91	0.65	6.66	163.13	0.86	44.72
4.801	16.27	54.96	0.57	6.7	161.66	0.81	44.77
4.807	16.27	54.95	0.65	6.74	165.57	0.81	44.77
4.814	16.27	54.92	0.42	6.78	161.29	0.82	44.74
4.851	16.27	55.02	0.57	6.82	160.84	0.81	44.83
4.911	16.27	54.96	0.53	6.85	160.87	0.81	44.77
4.932	16.26	55.02	0.88	6.85	161.17	0.89	44.84
4.936	16.27	54.94	0.72	6.88	160.58	0.79	44.75
4.94	16.29	54.95	0.53	6.92	162.98	0.81	44.74
4.945	16.28	55.0	0.53	6.98	158.62	0.85	44.8
4.949	16.28	54.97	0.61	7.03	159.32	0.87	44.78
4.956	16.28	54.96	0.61	7.07	161.14	0.85	44.76
4.966	16.29	54.99	0.65	7.11	159.91	0.85	44.78
4.971	16.29	54.97	0.65	7.12	159.35	0.82	44.76
4.973	16.28	54.98	0.61	7.05	162.9	0.82	44.77
4.981	16.28	55.01	0.61	6.98	158.84	0.91	44.8
4.999	16.28	54.98	0.65	6.89	162.0	0.85	44.78

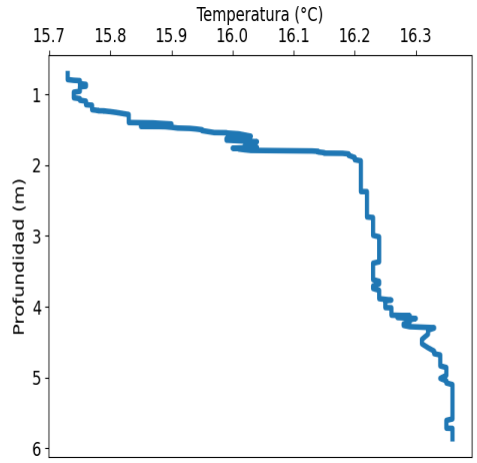
5.017	16.28	54.96	0.61	6.79	159.21	0.77	44.76
5.027	16.28	55.02	0.76	6.69	156.75	0.81	44.82
5.038	16.28	54.97	0.69	6.59	159.91	0.78	44.77
5.045	16.28	54.98	0.76	6.52	159.76	0.81	44.78
5.059	16.28	55.03	0.8	6.48	157.41	0.85	44.82
5.063	16.28	55.03	0.92	6.52	158.84	0.81	44.83
5.071	16.28	55.0	1.03	6.53	158.21	0.81	44.8
5.084	16.28	54.99	1.26	6.52	160.73	0.88	44.79
5.097	16.28	54.99	1.18	6.5	159.24	0.81	44.78
5.104	16.28	55.02	0.92	6.47	154.19	0.77	44.81
5.113	16.28	55.01	0.76	6.43	155.85	0.79	44.8
5.128	16.28	55.01	0.72	6.39	156.5	0.79	44.8
5.16	16.28	55.07	0.8	6.35	155.02	0.83	44.85
5.199	16.3	55.01	0.61	6.32	154.05	0.86	44.78
5.214	16.31	54.99	0.72	6.29	154.05	0.86	44.75
5.219	16.3	55.11	0.65	6.27	156.68	0.82	44.87
5.24	16.3	55.08	0.69	6.25	154.37	0.85	44.85
5.254	16.39	55.19	0.69	6.7	152.49	0.91	44.85
5.266	16.39	55.28	0.84	6.66	152.21	0.88	44.93
5.281	16.4	55.21	0.61	6.6	151.75	0.8	44.86
5.299	16.4	55.25	0.65	6.52	150.77	0.81	44.89
5.333	16.4	55.34	0.57	6.43	150.7	0.85	44.98
5.359	16.4	55.23	0.57	6.37	153.16	0.84	44.87
5.367	16.4	55.33	0.61	6.33	151.54	0.82	44.96
5.376	16.4	55.36	0.69	6.32	148.65	0.85	44.99
5.382	16.4	55.31	0.84	6.35	149.76	0.82	44.95
5.391	16.4	55.38	0.76	6.41	151.5	0.85	45.01
5.405	16.4	55.35	0.65	6.51	149.9	0.79	44.98
5.416	16.4	55.35	0.69	6.61	149.27	0.78	44.98
5.426	16.4	55.39	0.65	6.72	149.79	0.77	45.01
5.435	16.41	55.37	0.69	6.8	146.94	0.75	44.99
5.448	16.41	55.39	0.69	6.86	149.27	0.77	45.02
5.457	16.41	55.38	0.76	6.89	146.46	0.77	45.0
5.46	16.41	55.39	0.57	6.88	147.93	0.78	45.02
5.462	16.41	55.4	0.61	6.86	148.68	0.78	45.02
5.466	16.41	55.4	0.65	6.81	149.55	0.9	45.02
5.475	16.41	55.4	0.76	6.76	146.6	0.81	45.02
5.478	16.41	55.41	0.65	6.72	146.46	0.77	45.03
5.483	16.41	55.4	0.61	6.69	151.22	0.83	45.02
5.486	16.41	55.4	0.57	6.68	146.7	0.74	45.02
5.494	16.41	55.41	0.72	6.68	145.34	0.76	45.03
5.51	16.41	55.41	0.53	6.69	144.1	0.72	45.03
5.523	16.41	55.4	0.53	6.69	144.91	0.79	45.03
5.528	16.41	55.41	0.65	6.7	145.72	0.79	45.03
5.534	16.41	55.41	0.76	6.71	143.4	0.8	45.03
5.551	16.41	55.41	0.72	6.71	143.5	0.8	45.03
5.568	16.41	55.41	0.69	6.71	145.41	0.79	45.03
5.576	16.41	55.42	0.76	6.71	146.36	0.79	45.04
5.588	16.41	55.42	0.72	6.71	142.74	0.87	45.04
5.603	16.41	55.42	0.84	6.72	142.51	0.87	45.04
5.616	16.41	55.42	0.8	6.73	140.09	0.89	45.04
5.624	16.41	55.42	1.07	6.75	141.19	0.82	45.04
5.634	16.41	55.42	0.8	6.77	140.12	0.76	45.04
5.641	16.41	55.42	0.72	6.79	142.15	0.77	45.04
5.655	16.41	55.42	0.92	6.8	140.83	0.88	45.04
5.672	16.41	55.42	0.8	6.83	138.02	0.82	45.04
5.682	16.41	55.42	0.88	6.87	138.5	0.79	45.04
5.696	16.41	55.43	0.95	6.91	138.12	0.8	45.05

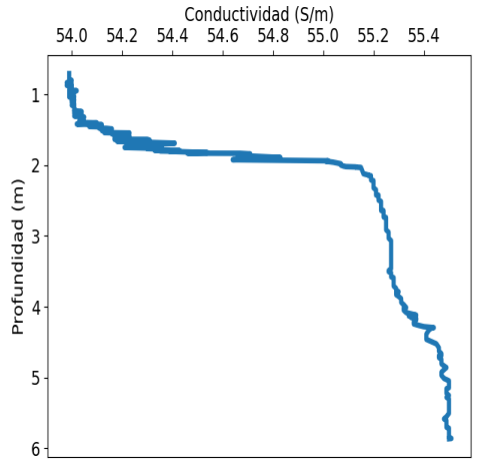
5.714	16.41	55.43	0.92	6.98	140.54	0.85	45.04
5.73	16.41	55.43	0.69	7.05	137.42	0.79	45.04
5.745	16.41	55.43	0.72	7.13	134.36	0.76	45.04
5.758	16.41	55.43	0.88	7.21	133.68	0.76	45.04
5.768	16.41	55.43	0.69	7.29	135.55	0.78	45.05
5.781	16.41	55.43	0.65	7.36	135.3	0.8	45.05
5.785	16.41	55.43	0.69	7.46	132.48	0.87	45.05
5.789	16.41	55.43	0.65	7.44	132.57	0.84	45.05
5.8	16.41	55.43	0.57	7.42	132.6	0.82	45.05
5.816	16.41	55.43	0.53	7.4	130.92	0.89	45.05
5.842	16.41	55.43	0.92	7.4	129.41	0.86	45.05
5.876	16.41	55.43	0.8	7.41	128.63	0.86	45.05
5.892	16.41	55.43	0.8	7.43	128.57	0.89	45.05
5.905	16.41	55.43	0.99	7.46	128.87	0.92	45.05
5.922	16.41	55.43	0.92	7.49	128.22	0.85	45.05
5.932	16.41	55.43	0.92	7.5	128.01	0.86	45.05
5.939	16.41	55.44	0.88	7.51	127.83	0.86	45.05
5.944	16.41	55.44	0.92	7.52	127.3	0.83	45.05
5.954	16.41	55.44	0.57	7.54	126.65	0.87	45.05
5.968	16.41	55.44	0.72	7.56	126.74	0.81	45.05
6.057	16.41	55.44	1.56	7.68	124.38	0.82	45.05
6.076	16.41	55.44	2.06	7.71	124.82	0.76	45.05
6.09	16.41	55.44	1.72	7.74	124.27	0.83	45.05
6.101	16.41	55.44	1.3	7.75	124.5	0.79	45.05
6.106	16.41	55.44	1.95	7.73	124.27	0.86	45.05
6.12	16.41	55.44	1.45	7.72	123.78	0.85	45.05
6.204	16.41	55.44	2.06	7.65	122.41	0.8	45.05
6.318	16.42	55.45	1.95	7.79	120.91	0.74	45.05
6.339	16.42	55.45	1.45	7.83	119.71	0.77	45.05
6.369	16.42	55.45	1.41	7.86	119.19	0.72	45.05
6.395	16.42	55.45	0.95	7.9	119.83	0.72	45.05
6.403	16.42	55.44	0.92	7.97	120.86	0.78	45.05
6.41	16.42	55.45	0.99	8.0	119.24	0.8	45.05
6.421	16.42	55.45	0.72	8.0	119.88	0.72	45.05
6.445	16.42	55.45	0.57	7.99	118.94	0.79	45.05
6.482	16.42	55.45	0.92	7.98	118.31	0.75	45.05
6.506	16.42	55.45	0.8	7.96	117.49	0.76	45.06
6.519	16.42	55.45	0.72	7.95	118.56	0.82	45.05
6.535	16.42	55.45	0.72	7.94	118.69	0.93	45.05
6.548	16.42	55.45	1.03	7.94	117.9	0.84	45.05
6.55	16.42	55.45	0.88	7.97	118.17	0.77	45.05
6.557	16.42	55.45	1.03	8.0	117.87	0.76	45.05
6.574	16.42	55.45	0.76	8.03	116.84	0.79	45.05
6.593	16.42	55.45	0.69	8.05	116.81	0.77	45.05
6.601	16.42	55.45	0.84	8.08	117.57	0.69	45.05
6.603	16.42	55.45	1.14	8.12	116.78	0.78	45.06
6.615	16.42	55.45	0.99	8.13	116.65	0.79	45.06
6.625	16.42	55.45	1.37	8.15	116.76	0.76	45.05
6.628	16.42	55.45	1.34	8.16	117.46	0.79	45.05
6.629	16.42	55.45	1.37	8.16	116.3	0.76	45.05
6.631	16.42	55.45	1.26	8.16	116.38	0.76	45.05
6.633	16.42	55.45	0.95	8.15	116.86	0.81	45.05
6.634	16.42	55.45	0.69	8.14	117.87	0.76	45.05
6.635	16.42	55.45	0.84	8.13	116.7	0.77	45.05
6.636	16.42	55.45	0.72	8.14	118.12	0.85	45.05
6.637	16.42	55.45	0.88	8.12	117.92	0.82	45.06
6.638	16.42	55.45	0.84	8.12	119.08	0.91	45.05
6.64	16.42	55.45	0.8	8.12	118.03	0.74	45.05

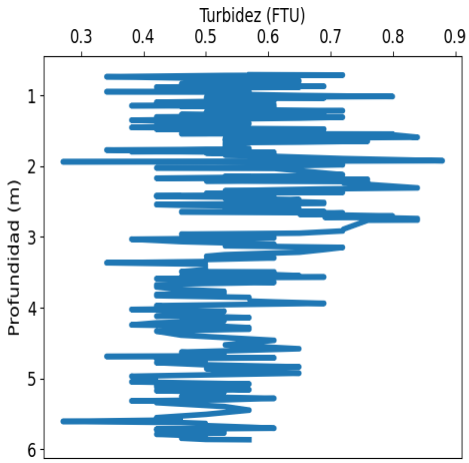
6.641	16.42	55.45	1.11	8.13	119.05	0.84	45.05
6.642	16.42	55.45	0.95	8.14	118.34	0.85	45.06

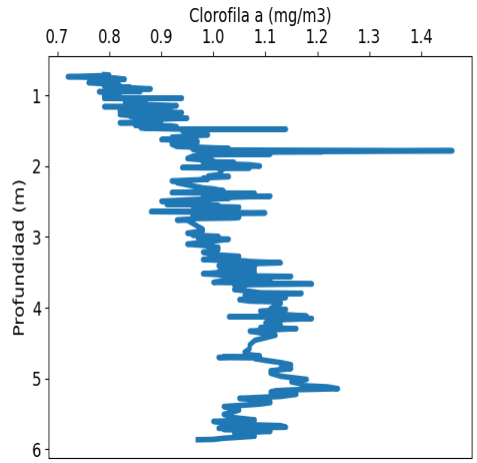
Nombre: CTD E12 - Punto 013 **Fecha: 28/11/2023** **Hora: 10:11:26**

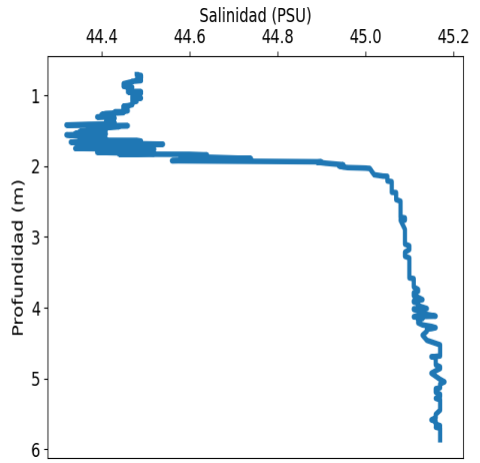


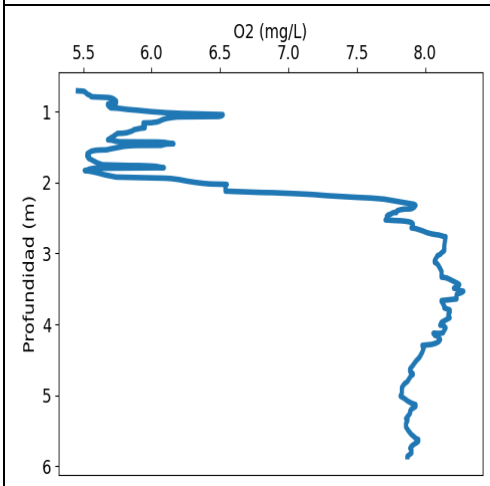


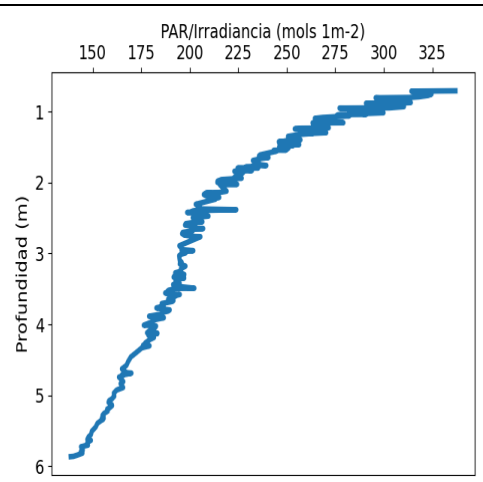












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.73	53.98	0.27	5.46	138.6	0.72	44.32
PROF (metros)	0.705	0.834	1.937	0.705	5.866	0.734	1.417
MÁXIMO	16.36	16.36	0.88	8.28	336.97	1.46	45.18
PROF (metros)	5.101	5.862	1.922	3.533	0.705	1.781	5.048

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	15.74	53.99	0.54	5.69	305.26	0.81	44.47
1 - 2m	15.92	54.2	0.55	5.88	250.87	0.93	44.47
2 - 3m	16.22	55.21	0.6	7.65	205.84	0.99	45.06
3 - 4m	16.24	55.28	0.53	8.17	190.88	1.05	45.1
4 - 5m	16.31	55.42	0.5	7.98	172.78	1.1	45.15
5 - 6m	16.36	55.5	0.48	7.9	151.4	1.09	45.17

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	15.73	53.99	0.57	5.46	336.97	0.79	44.48
0.71	15.73	53.99	0.72	5.5	314.19	0.8	44.48
0.716	15.73	53.99	0.53	5.51	317.63	0.8	44.49
0.734	15.73	53.99	0.34	5.52	315.72	0.72	44.49
0.752	15.73	53.99	0.46	5.53	324.63	0.81	44.49
0.77	15.73	53.99	0.53	5.55	322.9	0.83	44.48
0.789	15.73	53.99	0.65	5.56	318.15	0.8	44.49
0.799	15.74	54.0	0.65	5.68	313.24	0.79	44.47
0.804	15.75	54.0	0.5	5.7	295.75	0.79	44.47
0.818	15.75	53.99	0.5	5.72	303.1	0.76	44.46
0.834	15.75	53.98	0.46	5.73	305.85	0.79	44.45
0.847	15.75	54.0	0.46	5.74	308.85	0.79	44.46
0.857	15.76	53.99	0.5	5.74	310.07	0.82	44.46
0.87	15.76	53.98	0.69	5.74	313.97	0.79	44.45
0.88	15.76	54.0	0.42	5.74	308.7	0.84	44.46
0.881	15.76	53.99	0.57	5.7	290.78	0.84	44.46
0.883	15.76	54.0	0.65	5.69	291.12	0.83	44.47
0.891	15.75	53.99	0.53	5.68	302.4	0.84	44.46
0.906	15.75	53.99	0.57	5.68	304.86	0.88	44.46
0.928	15.75	54.0	0.5	5.69	310.43	0.82	44.47
0.945	15.75	54.0	0.57	5.7	302.82	0.86	44.47
0.946	15.75	54.02	0.34	5.71	295.88	0.78	44.49
0.949	15.75	53.99	0.57	5.74	277.16	0.79	44.46
0.954	15.75	54.01	0.5	5.77	295.75	0.79	44.48
0.967	15.74	54.01	0.53	5.82	291.8	0.82	44.49
0.98	15.74	53.99	0.53	5.9	282.02	0.81	44.48
0.999	15.74	54.0	0.65	6.0	287.17	0.79	44.48
1.014	15.74	53.99	0.8	6.11	299.89	0.82	44.47
1.024	15.74	54.01	0.5	6.22	291.12	0.79	44.48
1.034	15.74	53.99	0.69	6.41	289.57	0.83	44.47
1.037	15.74	54.01	0.57	6.46	290.92	0.94	44.49
1.04	15.74	54.0	0.5	6.52	277.68	0.79	44.48
1.047	15.74	54.0	0.57	6.52	276.01	0.87	44.48
1.058	15.75	54.0	0.57	6.51	282.28	0.87	44.47
1.067	15.75	54.0	0.57	6.49	277.55	0.85	44.48
1.073	15.75	54.01	0.61	6.19	273.59	0.87	44.48

1.081	15.75	54.01	0.53	6.15	268.5	0.83	44.48
1.094	15.76	54.0	0.42	6.11	264.42	0.85	44.47
1.111	15.76	54.0	0.46	6.08	272.13	0.83	44.47
1.13	15.76	54.01	0.61	6.06	274.22	0.88	44.47
1.144	15.76	54.01	0.38	6.04	267.2	0.93	44.46
1.151	15.77	54.0	0.61	6.01	268.62	0.92	44.45
1.155	15.77	54.01	0.46	6.0	279.23	0.84	44.46
1.157	15.77	54.01	0.61	5.96	266.64	0.83	44.45
1.158	15.77	54.01	0.57	5.94	263.26	0.79	44.46
1.161	15.77	54.01	0.5	5.94	266.95	0.83	44.45
1.169	15.77	54.01	0.5	5.94	265.84	0.85	44.46
1.183	15.77	54.01	0.57	5.94	263.69	0.89	44.45
1.198	15.77	54.01	0.53	5.94	264.61	0.9	44.45
1.215	15.77	54.01	0.72	5.95	271.13	0.9	44.46
1.226	15.78	54.01	0.61	5.95	271.69	0.82	44.45
1.23	15.78	54.02	0.5	5.94	266.27	0.87	44.45
1.231	15.79	54.01	0.53	5.93	268.62	0.92	44.43
1.233	15.79	54.02	0.57	5.92	257.59	0.89	44.45
1.242	15.8	54.04	0.69	5.9	254.09	0.94	44.45
1.254	15.81	54.01	0.65	5.87	264.61	0.93	44.41
1.269	15.82	54.01	0.46	5.86	261.5	0.82	44.4
1.283	15.83	54.04	0.53	5.84	261.01	0.84	44.42
1.295	15.83	54.04	0.53	5.82	270.37	0.84	44.41
1.303	15.83	54.01	0.42	5.79	264.24	0.85	44.39
1.305	15.83	54.04	0.5	5.77	261.44	0.89	44.42
1.306	15.83	54.04	0.72	5.75	263.26	0.87	44.42
1.32	15.83	54.05	0.65	5.74	256.69	0.95	44.43
1.348	15.83	54.04	0.38	5.72	250.58	0.85	44.42
1.371	15.83	54.03	0.46	5.7	252.04	0.89	44.41
1.386	15.83	54.05	0.5	5.69	254.44	0.82	44.43
1.396	15.83	54.04	0.57	5.68	257.11	0.88	44.41
1.401	15.87	54.1	0.53	5.71	252.68	0.9	44.43
1.407	15.88	54.06	0.53	5.72	249.88	0.87	44.37
1.417	15.9	54.02	0.42	5.74	248.44	0.85	44.32
1.424	15.89	54.09	0.5	5.77	245.86	0.85	44.39
1.427	15.86	54.12	0.42	6.04	254.62	0.9	44.46
1.431	15.85	54.09	0.46	6.09	255.03	0.92	44.43
1.441	15.85	54.08	0.5	6.12	253.09	0.93	44.44
1.452	15.85	54.07	0.38	6.16	253.15	0.93	44.42
1.453	15.88	54.09	0.46	6.13	247.18	0.9	44.41
1.455	15.89	54.1	0.5	6.11	246.26	0.86	44.41
1.463	15.9	54.11	0.5	6.09	256.46	0.87	44.4
1.474	15.91	54.11	0.69	6.07	247.58	0.93	44.4
1.476	15.92	54.11	0.42	5.89	253.38	1.14	44.38
1.479	15.93	54.14	0.46	5.85	248.33	0.96	44.4
1.487	15.94	54.16	0.65	5.8	246.49	0.95	44.41
1.498	15.95	54.13	0.61	5.77	246.03	0.94	44.37
1.51	15.95	54.12	0.61	5.74	250.99	0.97	44.35
1.524	15.96	54.16	0.57	5.7	250.35	0.96	44.38
1.538	15.97	54.13	0.5	5.67	247.23	0.96	44.34
1.54	15.99	54.15	0.46	5.62	249.71	0.97	44.35
1.544	15.99	54.23	0.8	5.59	243.26	0.97	44.41
1.556	16.01	54.16	0.8	5.56	244.67	0.99	44.32
1.59	16.03	54.23	0.84	5.53	239.29	0.92	44.37
1.609	16.0	54.23	0.53	5.53	236.25	0.94	44.41
1.623	15.99	54.17	0.53	5.54	235.65	0.9	44.35
1.633	15.99	54.17	0.61	5.53	239.17	0.95	44.36
1.634	15.99	54.3	0.53	5.54	236.75	0.94	44.48

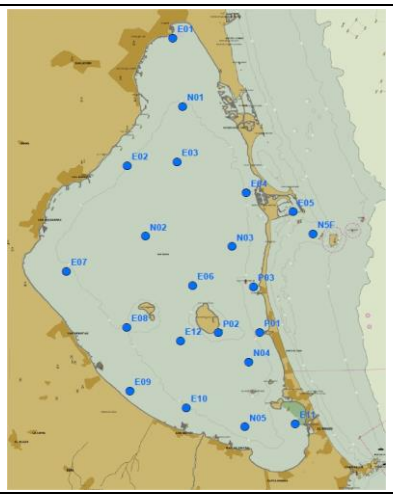
1.645	15.99	54.31	0.76	5.54	240.62	0.97	44.49
1.659	16.02	54.18	0.65	5.54	236.69	0.97	44.33
1.667	16.04	54.22	0.53	5.55	235.87	0.92	44.35
1.688	16.03	54.41	0.53	5.57	232.51	0.92	44.54
1.72	16.02	54.27	0.53	5.6	235.22	0.93	44.42
1.748	16.04	54.21	0.57	5.64	236.47	1.03	44.34
1.758	16.0	54.31	0.57	5.83	239.51	0.96	44.47
1.759	16.0	54.36	0.5	5.91	234.02	1.01	44.52
1.764	16.01	54.3	0.46	5.98	232.34	1.0	44.46
1.77	16.01	54.34	0.34	6.03	233.42	0.98	44.5
1.781	16.02	54.36	0.42	6.06	228.71	1.46	44.5
1.79	16.03	54.33	0.46	6.09	234.29	1.27	44.47
1.794	16.07	54.43	0.38	5.84	235.27	1.08	44.51
1.795	16.09	54.35	0.46	5.82	224.61	1.21	44.42
1.798	16.13	54.39	0.5	5.58	230.95	1.02	44.41
1.803	16.14	54.39	0.61	5.56	229.4	1.01	44.39
1.812	16.14	54.46	0.5	5.54	227.76	0.98	44.45
1.822	16.15	54.54	0.53	5.53	230.52	0.98	44.52
1.829	16.15	54.46	0.61	5.51	232.08	1.11	44.44
1.831	16.18	54.67	0.61	5.52	230.41	1.06	44.6
1.84	16.19	54.71	0.53	5.55	222.95	0.97	44.64
1.86	16.19	54.66	0.61	5.6	227.5	0.96	44.58
1.891	16.2	54.83	0.72	5.66	224.93	0.95	44.74
1.922	16.2	54.64	0.88	5.74	223.06	1.0	44.56
1.937	16.21	55.02	0.27	6.09	226.81	0.98	44.9
1.942	16.21	55.01	0.72	6.14	224.46	1.04	44.89
1.957	16.21	55.04	0.69	6.2	216.34	0.98	44.91
1.979	16.21	55.07	0.72	6.26	214.29	1.07	44.95
1.997	16.21	55.07	0.61	6.32	214.19	1.09	44.94
2.011	16.21	55.08	0.61	6.38	222.85	1.0	44.95
2.019	16.21	55.09	0.57	6.43	217.09	0.94	44.96
2.023	16.21	55.13	0.42	6.54	224.46	0.98	44.99
2.024	16.21	55.13	0.46	6.54	223.78	1.07	44.99
2.026	16.21	55.13	0.5	6.55	219.77	1.01	45.0
2.031	16.21	55.15	0.61	6.54	215.54	1.02	45.01
2.12	16.21	55.16	0.72	6.54	219.01	1.01	45.02
2.139	16.21	55.18	0.65	6.8	215.19	0.99	45.04
2.142	16.21	55.18	0.53	6.89	208.51	1.03	45.05
2.149	16.21	55.19	0.57	6.98	210.89	1.03	45.05
2.158	16.21	55.19	0.53	7.08	207.59	1.0	45.05
2.168	16.21	55.19	0.42	7.18	207.21	0.98	45.05
2.185	16.21	55.19	0.76	7.29	208.36	0.99	45.05
2.208	16.21	55.19	0.5	7.5	215.24	0.92	45.05
2.218	16.21	55.2	0.76	7.61	211.48	0.95	45.06
2.233	16.21	55.2	0.72	7.7	213.25	0.93	45.06
2.306	16.21	55.2	0.84	7.92	203.03	0.98	45.06
2.32	16.21	55.2	0.69	7.93	205.25	1.0	45.06
2.347	16.21	55.21	0.53	7.92	204.11	1.02	45.06
2.368	16.21	55.21	0.72	7.9	205.53	0.94	45.06
2.372	16.21	55.21	0.69	7.88	206.35	0.96	45.07
2.373	16.22	55.21	0.65	7.85	207.59	0.92	45.07
2.382	16.22	55.21	0.5	7.82	224.04	1.08	45.07
2.394	16.22	55.21	0.61	7.8	202.79	1.02	45.07
2.406	16.22	55.21	0.61	7.79	201.06	1.0	45.07
2.414	16.22	55.21	0.42	7.79	205.96	0.98	45.07
2.421	16.22	55.21	0.42	7.79	198.6	1.04	45.07
2.422	16.22	55.22	0.46	7.79	204.2	1.0	45.07
2.423	16.22	55.22	0.42	7.77	208.17	1.11	45.07

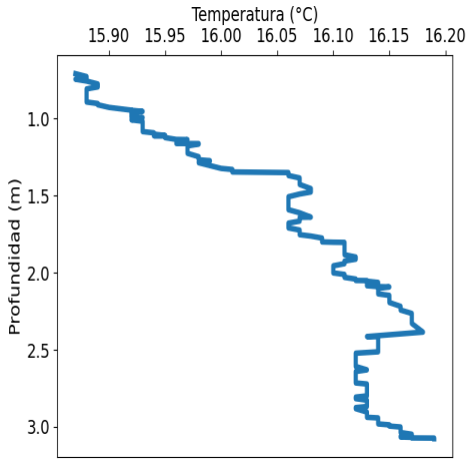
2.43	16.22	55.22	0.46	7.76	202.79	1.07	45.07
2.443	16.22	55.22	0.61	7.75	204.54	1.02	45.07
2.456	16.22	55.22	0.53	7.73	204.49	1.03	45.07
2.472	16.22	55.22	0.65	7.72	209.67	0.96	45.07
2.494	16.22	55.22	0.61	7.72	201.48	0.9	45.08
2.512	16.22	55.23	0.69	7.72	203.64	0.95	45.08
2.526	16.22	55.23	0.69	7.71	204.58	0.97	45.08
2.535	16.22	55.23	0.46	7.78	204.82	0.96	45.08
2.538	16.22	55.23	0.42	7.82	205.01	0.91	45.08
2.543	16.22	55.23	0.42	7.85	201.99	0.99	45.08
2.552	16.22	55.23	0.46	7.88	206.54	1.01	45.08
2.563	16.22	55.23	0.57	7.9	201.71	0.96	45.08
2.579	16.22	55.23	0.57	7.91	197.91	1.05	45.08
2.598	16.22	55.23	0.65	7.91	197.5	1.01	45.08
2.618	16.22	55.23	0.53	7.91	202.56	1.0	45.08
2.633	16.22	55.23	0.61	7.9	203.12	0.97	45.08
2.639	16.22	55.23	0.69	7.9	202.37	0.99	45.08
2.642	16.22	55.24	0.46	7.91	202.88	0.88	45.08
2.648	16.22	55.24	0.46	7.93	206.97	0.97	45.08
2.66	16.22	55.24	0.72	7.95	200.83	1.1	45.08
2.679	16.22	55.24	0.65	7.98	201.52	0.98	45.08
2.703	16.22	55.24	0.8	8.01	196.32	0.96	45.08
2.72	16.22	55.24	0.69	8.04	196.0	1.05	45.08
2.731	16.22	55.24	0.8	8.07	198.97	1.04	45.09
2.739	16.23	55.25	0.84	8.1	197.0	0.97	45.09
2.761	16.23	55.25	0.84	8.14	202.74	0.93	45.09
2.763	16.23	55.25	0.76	8.15	205.53	0.95	45.08
2.891	16.23	55.25	0.72	8.14	194.59	0.98	45.09
2.914	16.23	55.25	0.72	8.14	195.5	0.98	45.09
2.946	16.23	55.26	0.65	8.14	195.86	0.95	45.09
2.96	16.23	55.26	0.46	8.14	201.85	0.97	45.09
2.974	16.23	55.26	0.57	8.13	195.82	0.96	45.09
2.991	16.23	55.26	0.57	8.12	197.91	1.01	45.09
3.012	16.24	55.26	0.61	8.11	195.41	0.97	45.09
3.031	16.24	55.26	0.38	8.09	194.5	1.03	45.09
3.066	16.24	55.27	0.46	8.08	194.64	0.99	45.09
3.101	16.24	55.27	0.61	8.07	194.86	0.95	45.09
3.125	16.24	55.27	0.53	8.07	195.86	0.99	45.1
3.147	16.24	55.27	0.72	8.09	194.82	1.01	45.1
3.178	16.24	55.27	0.69	8.1	197.82	1.01	45.1
3.215	16.24	55.27	0.65	8.11	195.41	0.98	45.09
3.25	16.24	55.27	0.53	8.12	195.54	1.0	45.09
3.273	16.24	55.27	0.5	8.12	192.44	1.05	45.09
3.296	16.24	55.27	0.61	8.12	197.23	1.01	45.1
3.319	16.24	55.27	0.5	8.12	192.0	0.98	45.1
3.334	16.24	55.27	0.5	8.12	191.64	1.03	45.1
3.338	16.24	55.27	0.5	8.14	192.62	1.06	45.1
3.347	16.24	55.27	0.5	8.16	197.14	1.07	45.1
3.365	16.24	55.27	0.34	8.18	192.66	1.13	45.1
3.385	16.23	55.27	0.5	8.2	192.62	1.04	45.1
3.406	16.23	55.27	0.5	8.22	192.75	1.01	45.1
3.424	16.23	55.27	0.5	8.24	194.86	1.08	45.1
3.439	16.23	55.27	0.5	8.25	191.37	1.08	45.1
3.461	16.23	55.27	0.5	8.24	192.62	1.05	45.1
3.49	16.23	55.26	0.46	8.21	202.41	1.01	45.1
3.493	16.23	55.26	0.61	8.22	191.55	1.08	45.1
3.504	16.23	55.26	0.61	8.24	191.42	1.01	45.1
3.52	16.23	55.27	0.57	8.25	188.95	0.98	45.1

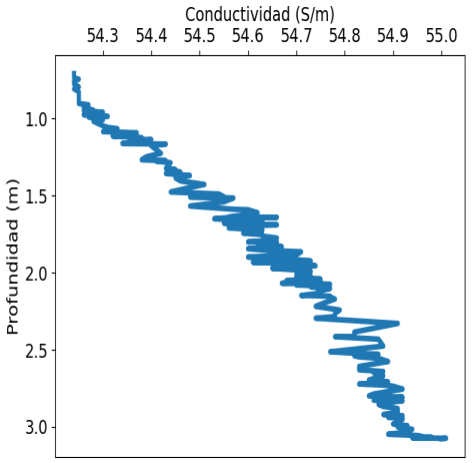
3.533	16.23	55.27	0.61	8.28	188.56	1.01	45.1
3.546	16.23	55.27	0.65	8.27	188.47	1.02	45.1
3.557	16.23	55.27	0.46	8.26	187.29	1.15	45.1
3.566	16.23	55.27	0.69	8.24	188.69	1.09	45.1
3.578	16.23	55.27	0.53	8.23	194.91	1.03	45.1
3.589	16.23	55.28	0.42	8.23	193.2	1.09	45.11
3.601	16.23	55.28	0.57	8.23	192.66	1.11	45.11
3.617	16.23	55.28	0.5	8.23	190.18	1.02	45.11
3.641	16.24	55.28	0.61	8.23	188.86	1.0	45.11
3.664	16.24	55.28	0.46	8.12	191.64	1.19	45.11
3.676	16.24	55.28	0.42	8.12	191.06	1.04	45.11
3.707	16.23	55.28	0.42	8.13	185.48	1.06	45.11
3.742	16.23	55.29	0.46	8.14	186.6	1.04	45.12
3.768	16.24	55.29	0.53	8.14	182.75	1.07	45.12
3.789	16.24	55.3	0.53	8.17	187.51	1.09	45.11
3.796	16.24	55.29	0.5	8.18	189.7	1.17	45.11
3.812	16.24	55.29	0.42	8.18	188.86	1.08	45.11
3.83	16.24	55.29	0.42	8.18	186.08	1.06	45.11
3.854	16.24	55.3	0.57	8.17	185.69	1.14	45.12
3.886	16.24	55.31	0.57	8.17	178.97	1.05	45.13
3.906	16.26	55.31	0.57	8.18	186.69	1.07	45.11
3.918	16.25	55.31	0.61	8.17	184.58	1.13	45.11
3.938	16.25	55.31	0.69	8.15	181.27	1.13	45.12
3.971	16.25	55.32	0.42	8.12	180.06	1.12	45.12
4.012	16.25	55.33	0.46	8.11	176.26	1.11	45.14
4.015	16.26	55.32	0.46	8.13	181.69	1.11	45.11
4.024	16.26	55.32	0.38	8.14	182.66	1.14	45.11
4.049	16.26	55.32	0.53	8.15	182.07	1.09	45.12
4.083	16.26	55.33	0.5	8.14	179.56	1.11	45.13
4.119	16.26	55.37	0.42	8.13	177.94	1.18	45.16
4.126	16.29	55.35	0.5	8.11	183.38	1.09	45.11
4.127	16.29	55.35	0.46	8.06	182.83	1.03	45.11
4.13	16.28	55.34	0.53	8.07	183.13	1.14	45.11
4.14	16.27	55.35	0.57	8.07	181.52	1.14	45.13
4.153	16.27	55.35	0.5	8.07	178.64	1.19	45.13
4.166	16.3	55.37	0.53	8.09	179.89	1.14	45.12
4.185	16.29	55.37	0.53	8.1	181.57	1.11	45.12
4.214	16.29	55.36	0.42	8.11	179.43	1.1	45.12
4.243	16.28	55.36	0.38	8.1	178.02	1.13	45.13
4.264	16.28	55.38	0.53	8.08	176.99	1.11	45.15
4.282	16.29	55.4	0.57	8.05	176.83	1.09	45.16
4.296	16.33	55.44	0.5	7.98	175.85	1.16	45.15
4.302	16.33	55.43	0.57	7.98	179.31	1.14	45.14
4.331	16.32	55.42	0.42	7.99	175.28	1.07	45.14
4.388	16.32	55.41	0.46	7.98	172.82	1.12	45.13
4.461	16.31	55.41	0.61	7.96	169.57	1.08	45.14
4.525	16.31	55.45	0.53	7.93	168.23	1.07	45.17
4.58	16.32	55.46	0.65	7.91	167.3	1.07	45.17
4.628	16.33	55.46	0.46	7.89	164.99	1.06	45.17
4.664	16.33	55.47	0.53	7.89	166.57	1.07	45.17
4.682	16.34	55.47	0.46	7.9	167.53	1.09	45.17
4.688	16.34	55.47	0.34	7.9	169.96	1.08	45.16
4.691	16.34	55.47	0.5	7.9	169.17	1.08	45.16
4.692	16.34	55.46	0.46	7.9	168.98	1.02	45.15
4.694	16.34	55.46	0.46	7.91	168.66	1.04	45.15
4.703	16.34	55.46	0.5	7.91	167.34	1.01	45.16
4.709	16.34	55.46	0.61	7.91	165.11	1.09	45.16
4.719	16.34	55.46	0.42	7.9	165.72	1.08	45.16

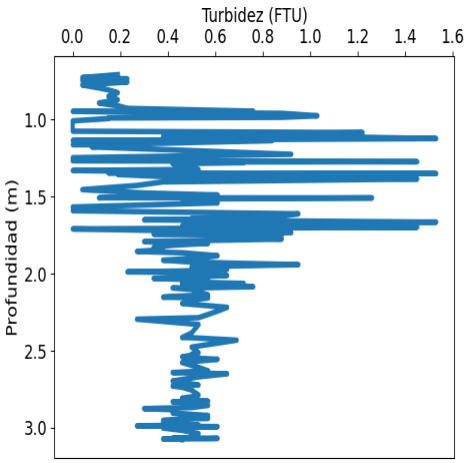
4.744	16.34	55.47	0.5	7.89	163.47	1.1	45.16
4.776	16.34	55.47	0.42	7.88	164.72	1.13	45.16
4.807	16.34	55.47	0.5	7.87	165.76	1.15	45.16
4.836	16.34	55.48	0.65	7.85	164.3	1.13	45.17
4.86	16.35	55.49	0.5	7.84	164.95	1.15	45.17
4.891	16.35	55.48	0.53	7.83	165.68	1.11	45.16
4.926	16.35	55.47	0.65	7.83	162.34	1.11	45.15
4.969	16.35	55.47	0.38	7.83	160.84	1.13	45.16
5.013	16.34	55.48	0.42	7.82	161.1	1.18	45.17
5.048	16.35	55.5	0.38	7.85	159.98	1.15	45.18
5.078	16.35	55.5	0.57	7.87	158.36	1.17	45.17
5.101	16.36	55.5	0.42	7.89	158.1	1.17	45.17
5.119	16.36	55.5	0.42	7.91	158.98	1.22	45.17
5.132	16.36	55.5	0.53	7.93	159.83	1.23	45.17
5.145	16.36	55.5	0.53	7.93	159.98	1.24	45.16
5.159	16.36	55.49	0.57	7.93	159.43	1.16	45.16
5.173	16.36	55.49	0.42	7.92	158.87	1.12	45.16
5.194	16.36	55.49	0.53	7.9	157.41	1.11	45.16
5.223	16.36	55.49	0.5	7.89	157.74	1.16	45.17
5.254	16.36	55.5	0.46	7.89	155.88	1.13	45.17
5.281	16.36	55.49	0.61	7.88	155.02	1.05	45.16
5.302	16.36	55.5	0.53	7.87	155.52	1.08	45.17
5.317	16.36	55.5	0.38	7.87	154.73	1.08	45.17
5.324	16.36	55.5	0.46	7.87	155.67	1.08	45.17
5.329	16.36	55.5	0.42	7.86	155.34	1.11	45.17
5.342	16.36	55.5	0.42	7.87	155.23	1.11	45.17
5.362	16.36	55.5	0.46	7.87	153.98	1.09	45.17
5.397	16.36	55.5	0.53	7.86	152.35	1.02	45.17
5.448	16.36	55.5	0.57	7.86	151.5	1.05	45.17
5.507	16.36	55.5	0.5	7.88	149.51	1.02	45.16
5.554	16.36	55.49	0.42	7.9	149.06	1.04	45.16
5.586	16.36	55.48	0.46	7.92	147.86	1.08	45.15
5.607	16.35	55.49	0.27	7.93	147.45	1.0	45.16
5.624	16.35	55.49	0.46	7.95	147.18	1.02	45.16
5.636	16.35	55.49	0.5	7.95	149.06	1.03	45.16
5.649	16.35	55.49	0.5	7.95	147.76	1.05	45.16
5.667	16.35	55.49	0.5	7.94	147.45	1.13	45.17
5.689	16.35	55.49	0.57	7.92	146.9	1.14	45.16
5.704	16.35	55.49	0.61	7.91	147.55	1.01	45.17
5.717	16.35	55.5	0.42	7.9	145.21	1.08	45.17
5.72	16.36	55.5	0.5	7.9	145.11	1.02	45.17
5.726	16.36	55.5	0.42	7.9	143.9	1.06	45.17
5.748	16.36	55.5	0.46	7.89	144.47	1.11	45.17
5.77	16.36	55.5	0.53	7.9	144.91	1.04	45.17
5.789	16.36	55.5	0.42	7.9	143.9	1.07	45.17
5.816	16.36	55.5	0.5	7.9	144.71	1.08	45.17
5.845	16.36	55.5	0.46	7.88	141.92	1.02	45.17
5.862	16.36	55.51	0.5	7.87	140.05	1.0	45.17
5.866	16.36	55.5	0.57	7.87	138.6	0.97	45.17

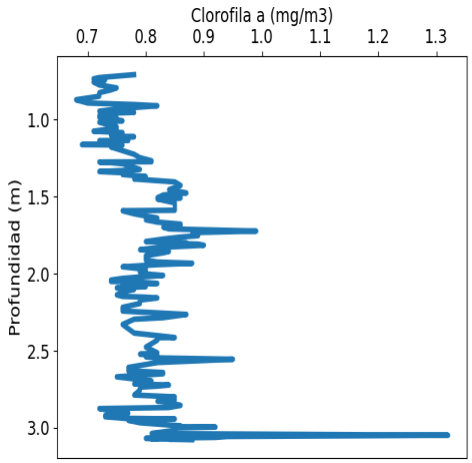
Nombre: CTD P02 - Punto 014 **Fecha: 28/11/2023** **Hora: 10:11:43**

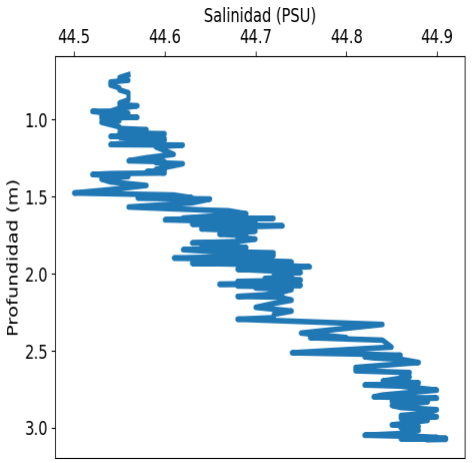


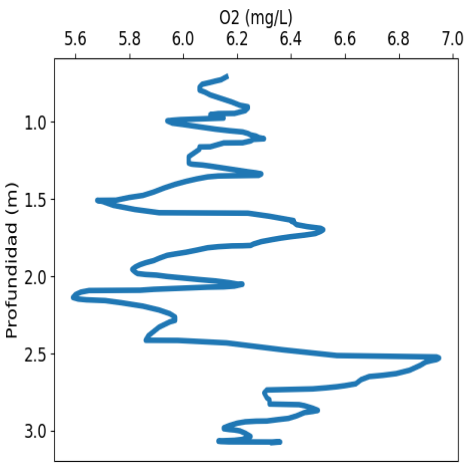


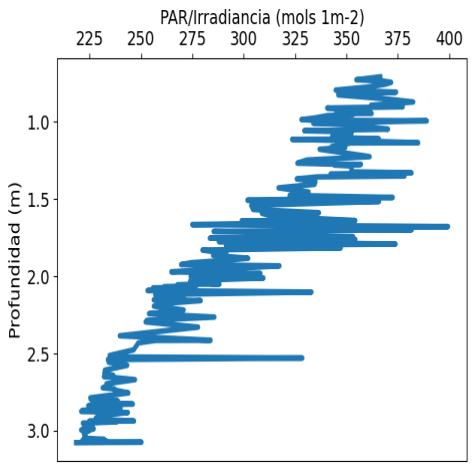












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.87	54.24	0.0	5.59	218.4	0.68	44.5
PROF (metros)	0.708	0.708	0.946	2.137	3.077	0.871	1.476
MÁXIMO	16.19	16.19	1.53	6.95	399.46	1.32	44.91
PROF (metros)	3.073	3.074	1.123	2.529	1.678	3.048	3.068

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	15.89	54.26	0.29	6.12	358.49	0.74	44.55
1 - 2m	16.05	54.54	0.62	6.11	326.23	0.81	44.63
2 - 3m	16.13	54.82	0.5	6.24	250.62	0.8	44.8
3 - 4m	16.17	54.95	0.48	6.23	226.26	0.89	44.88

OBSERVACIONES GENERALES

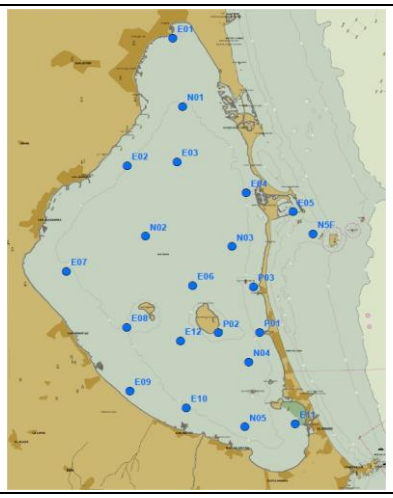
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	15.87	54.24	0.19	6.16	366.46	0.78	44.56
0.727	15.88	54.24	0.04	6.14	354.76	0.72	44.55
0.735	15.88	54.24	0.23	6.12	367.57	0.71	44.55
0.744	15.87	54.25	0.04	6.1	371.77	0.73	44.56
0.756	15.88	54.24	0.23	6.07	368.76	0.71	44.54
0.775	15.89	54.24	0.04	6.06	359.81	0.72	44.54
0.794	15.89	54.25	0.11	6.06	344.71	0.75	44.55
0.807	15.88	54.24	0.15	6.08	374.19	0.74	44.55
0.825	15.88	54.25	0.19	6.1	345.99	0.72	44.56
0.848	15.88	54.25	0.15	6.14	367.14	0.72	44.56
0.871	15.88	54.25	0.19	6.18	382.52	0.68	44.56
0.892	15.88	54.25	0.11	6.21	361.9	0.7	44.55
0.902	15.89	54.25	0.15	6.24	377.41	0.78	44.55
0.91	15.89	54.27	0.19	6.24	340.58	0.82	44.57
0.927	15.9	54.26	0.23	6.23	360.73	0.76	44.55
0.945	15.92	54.28	0.76	6.19	362.32	0.72	44.54
0.946	15.92	54.26	0.0	6.13	344.79	0.77	44.52
0.953	15.93	54.28	0.3	6.1	353.2	0.78	44.53
0.959	15.92	54.3	0.88	6.14	340.98	0.73	44.56
0.975	15.92	54.26	1.03	6.15	334.32	0.72	44.53
0.985	15.92	54.31	0.88	5.99	328.03	0.72	44.57
0.989	15.92	54.27	0.15	5.96	334.4	0.75	44.53
0.993	15.93	54.3	0.15	5.94	389.13	0.74	44.55
1.008	15.92	54.3	0.0	5.96	333.78	0.76	44.55
1.017	15.93	54.28	0.0	6.0	351.32	0.72	44.53
1.047	15.93	54.3	0.0	6.12	370.22	0.75	44.55
1.057	15.93	54.31	0.0	6.17	329.4	0.75	44.55
1.065	15.93	54.33	0.0	6.22	352.71	0.73	44.58
1.075	15.93	54.33	0.0	6.24	349.46	0.71	44.57
1.084	15.93	54.3	1.22	6.25	352.38	0.76	44.55
1.092	15.94	54.37	0.88	6.27	343.04	0.76	44.6
1.101	15.94	54.34	1.11	6.28	343.04	0.74	44.56
1.109	15.95	54.32	0.38	6.3	365.78	0.76	44.54
1.111	15.94	54.35	0.53	6.28	365.27	0.78	44.58
1.113	15.95	54.32	1.18	6.26	323.5	0.76	44.55
1.123	15.95	54.38	1.53	6.25	356.82	0.76	44.6
1.135	15.96	54.38	0.0	6.22	384.92	0.77	44.6
1.136	15.97	54.4	0.84	6.15	352.06	0.72	44.59

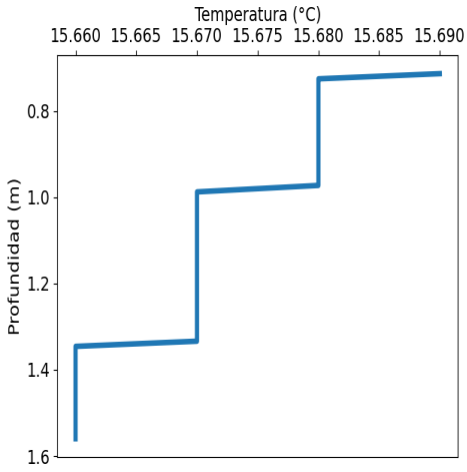
1.161	15.96	54.34	0.15	6.1	342.72	0.72	44.54
1.162	15.98	54.35	0.0	6.06	347.2	0.69	44.54
1.165	15.98	54.43	0.23	6.06	349.46	0.76	44.62
1.177	15.97	54.4	0.08	6.06	336.89	0.74	44.59
1.225	15.97	54.42	0.92	6.02	361.32	0.78	44.61
1.247	15.98	54.39	0.0	6.02	330.78	0.79	44.58
1.267	15.98	54.38	0.0	6.02	326.06	0.81	44.56
1.273	15.99	54.43	1.45	6.03	342.4	0.81	44.6
1.275	15.99	54.41	0.46	6.04	357.07	0.72	44.59
1.279	15.98	54.42	0.72	6.07	344.07	0.74	44.59
1.286	15.98	54.44	0.42	6.1	352.71	0.76	44.62
1.323	16.0	54.43	0.53	6.24	352.22	0.79	44.59
1.33	16.01	54.45	0.0	6.27	381.72	0.76	44.6
1.337	16.01	54.44	0.34	6.29	342.24	0.72	44.58
1.346	16.01	54.46	0.15	6.28	343.04	0.77	44.6
1.35	16.06	54.45	1.53	6.13	378.28	0.76	44.54
1.356	16.06	54.43	0.19	6.09	335.96	0.76	44.52
1.369	16.06	54.48	0.38	6.05	325.76	0.8	44.56
1.385	16.07	54.45	1.45	6.01	334.94	0.78	44.53
1.404	16.07	54.46	0.38	5.97	334.56	0.85	44.54
1.427	16.07	54.51	0.27	5.93	316.9	0.86	44.58
1.454	16.08	54.47	0.04	5.89	331.62	0.84	44.54
1.476	16.08	54.44	0.3	5.85	322.3	0.87	44.5
1.489	16.07	54.54	0.61	5.8	372.54	0.83	44.61
1.507	16.06	54.55	0.11	5.75	301.77	0.82	44.63
1.508	16.06	54.48	1.26	5.68	304.79	0.86	44.57
1.515	16.06	54.57	0.46	5.7	365.87	0.82	44.65
1.54	16.06	54.55	0.61	5.74	303.59	0.85	44.63
1.567	16.06	54.48	0.0	5.82	304.51	0.85	44.56
1.588	16.06	54.57	0.08	5.91	336.66	0.85	44.65
1.591	16.06	54.6	0.0	6.24	308.77	0.76	44.67
1.611	16.07	54.62	0.95	6.32	313.46	0.78	44.69
1.639	16.08	54.56	0.8	6.41	354.35	0.82	44.62
1.64	16.07	54.66	0.5	6.41	298.99	0.81	44.72
1.642	16.07	54.56	0.76	6.4	332.16	0.81	44.63
1.65	16.07	54.53	0.3	6.41	338.14	0.8	44.6
1.665	16.07	54.63	1.53	6.42	274.92	0.82	44.7
1.678	16.06	54.55	0.61	6.46	399.46	0.86	44.63
1.689	16.06	54.66	0.46	6.51	316.09	0.86	44.73
1.698	16.06	54.59	1.45	6.52	381.81	0.83	44.67
1.709	16.06	54.56	0.0	6.51	285.31	0.84	44.64
1.723	16.07	54.63	0.5	6.49	328.72	0.99	44.7
1.733	16.07	54.61	0.92	6.45	319.4	0.88	44.68
1.743	16.07	54.59	0.34	6.4	353.28	0.89	44.66
1.753	16.07	54.63	0.88	6.36	283.46	0.89	44.69
1.762	16.08	54.63	0.57	6.33	354.35	0.86	44.68
1.775	16.09	54.66	0.88	6.29	287.83	0.83	44.7
1.791	16.09	54.64	0.3	6.26	373.93	0.8	44.68
1.8	16.09	54.6	0.42	6.25	291.32	0.87	44.63
1.802	16.1	54.64	0.53	6.22	307.2	0.86	44.67
1.803	16.11	54.66	0.57	6.18	301.14	0.85	44.68
1.808	16.11	54.62	0.5	6.13	308.56	0.89	44.64
1.815	16.11	54.62	0.42	6.09	347.28	0.9	44.65
1.83	16.11	54.67	0.34	6.05	279.87	0.82	44.69
1.844	16.11	54.6	0.38	6.01	287.63	0.79	44.62
1.855	16.11	54.64	0.27	5.97	291.59	0.84	44.65
1.864	16.11	54.71	0.46	5.94	285.05	0.83	44.72
1.883	16.11	54.7	0.61	5.91	302.19	0.8	44.72

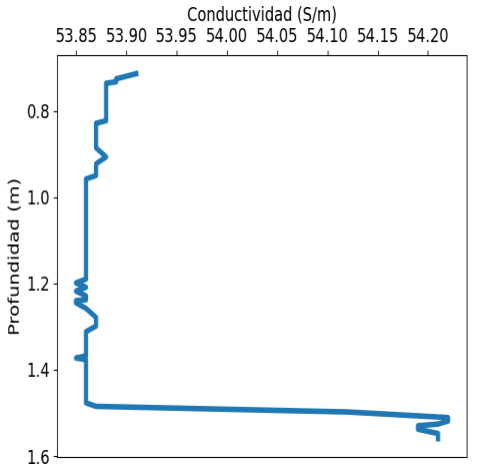
1.898	16.12	54.6	0.53	5.89	289.44	0.8	44.61
1.912	16.12	54.69	0.38	5.86	274.48	0.8	44.69
1.924	16.11	54.73	0.5	5.84	269.5	0.82	44.74
1.932	16.11	54.61	0.69	5.83	317.41	0.88	44.63
1.941	16.11	54.69	0.95	5.82	305.5	0.82	44.71
1.955	16.1	54.74	0.5	5.81	283.14	0.76	44.76
1.971	16.1	54.65	0.65	5.82	264.73	0.8	44.68
1.982	16.1	54.7	0.46	5.83	308.2	0.79	44.72
1.988	16.1	54.71	0.23	5.86	293.9	0.8	44.73
1.992	16.1	54.73	0.53	5.9	299.68	0.79	44.75
2.001	16.1	54.71	0.46	5.94	274.16	0.8	44.73
2.011	16.11	54.7	0.65	6.0	309.63	0.83	44.72
2.021	16.11	54.73	0.5	6.06	287.3	0.79	44.74
2.03	16.11	54.7	0.34	6.12	273.91	0.76	44.71
2.041	16.12	54.75	0.57	6.17	275.63	0.74	44.75
2.05	16.12	54.68	0.53	6.2	288.23	0.74	44.68
2.051	16.13	54.71	0.46	6.22	276.46	0.79	44.7
2.055	16.13	54.75	0.53	6.21	267.75	0.79	44.74
2.063	16.14	54.72	0.72	6.19	273.14	0.82	44.71
2.068	16.14	54.67	0.46	6.15	261.2	0.76	44.66
2.07	16.14	54.74	0.61	6.09	276.71	0.77	44.72
2.075	16.13	54.77	0.5	6.02	255.8	0.79	44.75
2.079	16.13	54.7	0.53	5.96	274.48	0.77	44.68
2.084	16.13	54.74	0.76	5.89	261.01	0.8	44.72
2.09	16.14	54.76	0.57	5.84	266.33	0.76	44.73
2.092	16.15	54.73	0.42	5.65	253.15	0.75	44.7
2.102	16.14	54.77	0.5	5.62	333.01	0.78	44.74
2.118	16.14	54.75	0.53	5.6	256.87	0.76	44.73
2.137	16.14	54.74	0.57	5.59	262.77	0.75	44.71
2.147	16.15	54.71	0.42	5.61	271.0	0.76	44.68
2.152	16.15	54.77	0.38	5.64	256.16	0.8	44.73
2.157	16.15	54.77	0.57	5.71	279.1	0.82	44.73
2.171	16.15	54.78	0.5	5.77	265.84	0.79	44.74
2.193	16.15	54.76	0.46	5.85	256.22	0.79	44.72
2.218	16.16	54.74	0.65	5.91	270.81	0.76	44.7
2.242	16.16	54.79	0.61	5.95	253.85	0.76	44.74
2.264	16.17	54.78	0.57	5.97	285.77	0.87	44.72
2.285	16.17	54.78	0.53	5.97	252.91	0.83	44.72
2.295	16.17	54.74	0.27	5.95	252.21	0.78	44.68
2.329	16.17	54.91	0.53	5.91	277.81	0.76	44.84
2.385	16.18	54.82	0.5	5.87	239.67	0.78	44.75
2.414	16.13	54.82	0.46	5.86	283.92	0.85	44.8
2.415	16.14	54.78	0.5	5.98	257.11	0.82	44.76
2.431	16.14	54.87	0.69	6.16	248.73	0.82	44.84
2.476	16.14	54.88	0.5	6.37	246.43	0.8	44.85
2.513	16.14	54.77	0.53	6.57	234.67	0.82	44.74
2.522	16.12	54.82	0.5	6.94	238.07	0.79	44.82
2.529	16.12	54.87	0.5	6.95	328.56	0.82	44.86
2.539	16.12	54.82	0.46	6.94	233.86	0.8	44.82
2.546	16.12	54.83	0.5	6.92	241.01	0.82	44.83
2.555	16.12	54.87	0.61	6.9	234.18	0.95	44.86
2.576	16.12	54.89	0.46	6.88	243.37	0.82	44.88
2.608	16.12	54.83	0.53	6.84	232.4	0.77	44.81
2.63	16.13	54.83	0.57	6.79	232.13	0.77	44.81
2.641	16.12	54.88	0.42	6.74	236.58	0.83	44.87
2.649	16.12	54.86	0.65	6.69	231.91	0.83	44.86
2.669	16.12	54.88	0.53	6.66	247.12	0.75	44.87
2.696	16.12	54.85	0.42	6.64	233.15	0.81	44.84

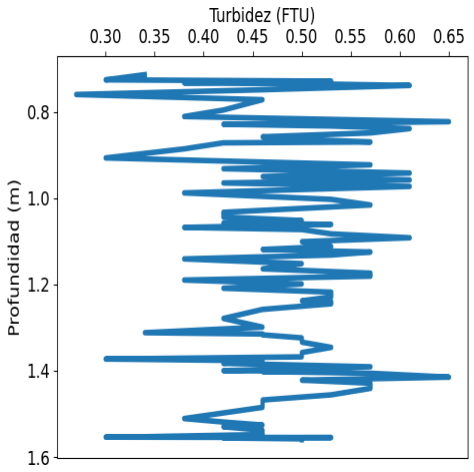
2.708	16.12	54.89	0.46	6.6	234.02	0.79	44.88
2.715	16.12	54.88	0.5	6.57	232.72	0.78	44.87
2.722	16.13	54.83	0.53	6.53	231.32	0.84	44.82
2.729	16.13	54.88	0.42	6.48	237.13	0.82	44.86
2.736	16.13	54.9	0.46	6.31	236.91	0.79	44.87
2.755	16.13	54.92	0.5	6.3	243.93	0.79	44.9
2.787	16.13	54.86	0.53	6.31	225.29	0.78	44.84
2.799	16.13	54.85	0.5	6.32	225.61	0.85	44.83
2.807	16.12	54.92	0.46	6.32	238.84	0.83	44.9
2.817	16.12	54.88	0.46	6.32	226.86	0.85	44.86
2.827	16.13	54.86	0.57	6.32	246.09	0.82	44.85
2.831	16.13	54.92	0.42	6.43	233.7	0.83	44.89
2.838	16.13	54.9	0.53	6.45	224.3	0.84	44.88
2.854	16.13	54.87	0.57	6.48	240.12	0.86	44.85
2.868	16.13	54.88	0.5	6.5	221.46	0.84	44.86
2.875	16.12	54.9	0.3	6.48	220.85	0.72	44.88
2.882	16.12	54.91	0.42	6.45	243.65	0.73	44.9
2.904	16.13	54.91	0.42	6.42	229.19	0.77	44.89
2.92	16.13	54.88	0.57	6.39	227.92	0.73	44.86
2.928	16.13	54.92	0.46	6.35	231.54	0.73	44.9
2.937	16.13	54.9	0.5	6.31	246.66	0.76	44.87
2.938	16.13	54.89	0.57	6.27	224.77	0.76	44.86
2.942	16.14	54.92	0.46	6.23	238.23	0.85	44.88
2.951	16.14	54.92	0.38	6.2	221.67	0.77	44.89
2.967	16.14	54.91	0.38	6.17	226.5	0.79	44.87
2.981	16.14	54.9	0.53	6.15	222.13	0.84	44.85
2.987	16.15	54.91	0.27	6.15	227.07	0.86	44.87
2.992	16.15	54.93	0.61	6.17	226.02	0.85	44.88
2.995	16.15	54.91	0.5	6.19	220.85	0.92	44.86
3.001	16.16	54.91	0.38	6.21	224.67	0.85	44.86
3.016	16.16	54.94	0.46	6.23	222.08	0.85	44.88
3.037	16.16	54.92	0.53	6.25	223.16	0.81	44.86
3.048	16.17	54.89	0.5	6.23	222.18	1.32	44.82
3.056	16.17	54.95	0.5	6.22	232.13	0.94	44.88
3.062	16.16	54.96	0.53	6.19	221.46	0.92	44.9
3.066	16.16	54.96	0.42	6.13	222.59	0.84	44.89
3.068	16.17	54.98	0.61	6.13	233.42	0.8	44.91
3.07	16.17	54.96	0.57	6.14	223.63	0.82	44.88
3.072	16.17	54.94	0.38	6.17	225.4	0.81	44.86
3.073	16.19	54.98	0.46	6.36	221.97	0.85	44.88
3.074	16.19	55.01	0.46	6.35	250.29	0.84	44.91
3.077	16.19	55.0	0.46	6.33	218.4	0.88	44.89

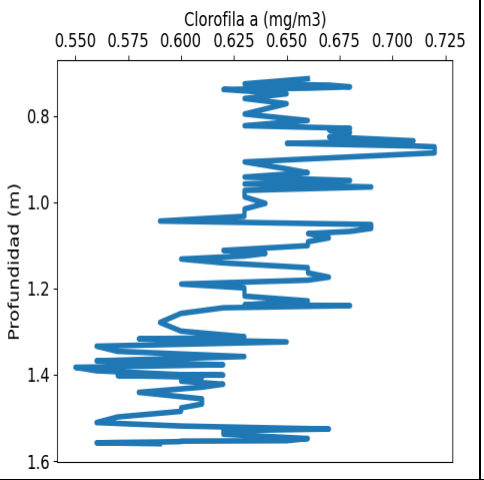
Nombre: CTD P01 - Punto 015 **Fecha: 28/11/2023** **Hora: 11:11:58**

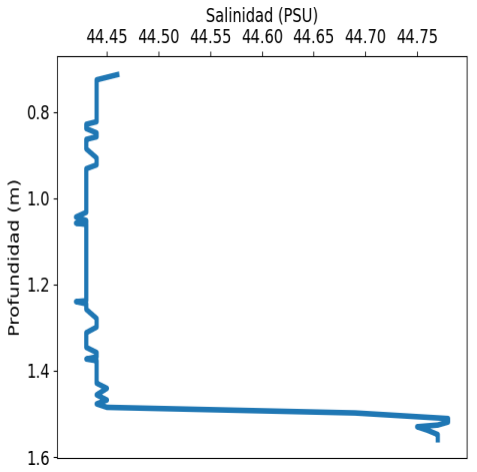


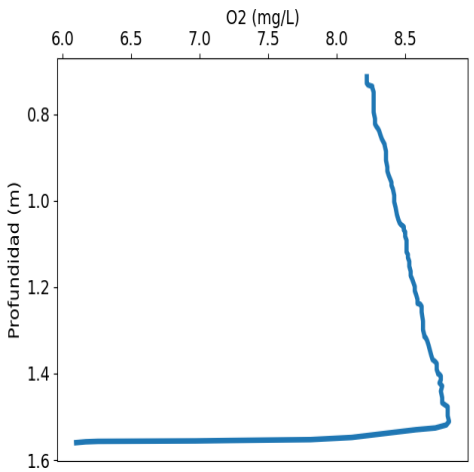


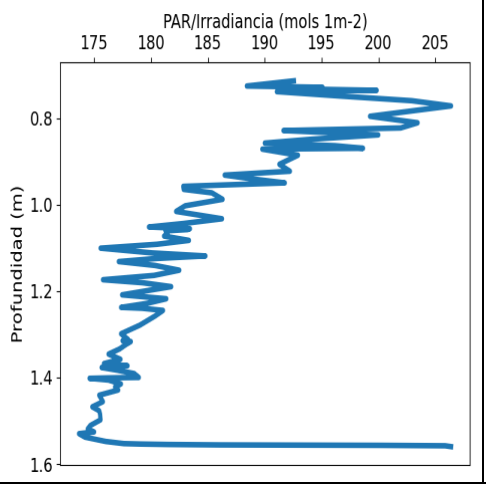












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.66	53.85	0.27	6.1	173.66	0.55	44.42
PROF (metros)	1.346	1.199	0.76	1.56	1.53	1.383	1.044
MÁXIMO	15.69	15.69	0.65	8.82	206.39	0.72	44.78
PROF (metros)	0.714	1.511	0.823	1.511	0.772	0.872	1.511

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.68	53.88	0.47	8.32	193.59	0.66	44.44
1 - 2m	15.67	53.93	0.48	8.44	179.73	0.62	44.5

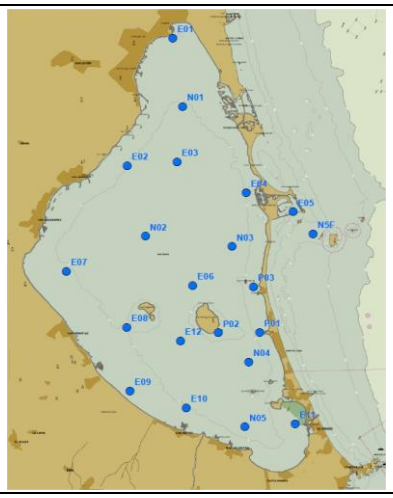
OBSERVACIONES GENERALES

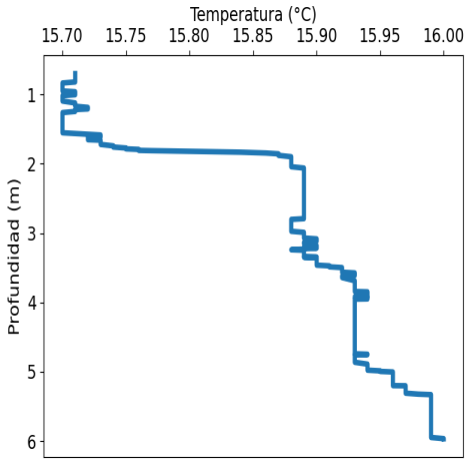
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.714	15.69	53.91	0.34	8.22	192.57	0.66	44.46
0.726	15.68	53.89	0.3	8.22	188.42	0.63	44.44
0.729	15.68	53.89	0.53	8.22	195.09	0.67	44.44
0.733	15.68	53.89	0.38	8.23	193.56	0.68	44.44
0.736	15.68	53.88	0.53	8.26	199.85	0.66	44.44
0.739	15.68	53.88	0.61	8.26	191.06	0.62	44.44
0.749	15.68	53.88	0.46	8.27	196.54	0.65	44.44
0.76	15.68	53.88	0.27	8.27	202.93	0.63	44.44
0.772	15.68	53.88	0.46	8.27	206.39	0.65	44.44
0.796	15.68	53.88	0.42	8.27	199.25	0.63	44.44
0.811	15.68	53.88	0.38	8.28	203.45	0.66	44.44
0.823	15.68	53.88	0.65	8.28	201.95	0.63	44.44
0.829	15.68	53.87	0.42	8.29	191.64	0.68	44.43
0.833	15.68	53.87	0.53	8.3	195.09	0.67	44.43
0.839	15.68	53.87	0.61	8.31	199.99	0.68	44.43
0.849	15.68	53.87	0.57	8.32	194.14	0.67	44.44
0.858	15.68	53.87	0.46	8.33	190.0	0.71	44.44
0.864	15.68	53.87	0.5	8.34	196.18	0.65	44.43
0.87	15.68	53.87	0.57	8.35	198.65	0.71	44.43
0.872	15.68	53.87	0.42	8.35	189.78	0.72	44.43
0.886	15.68	53.87	0.38	8.36	192.93	0.72	44.43
0.907	15.68	53.88	0.3	8.36	191.28	0.63	44.44
0.923	15.68	53.87	0.57	8.37	192.22	0.65	44.44
0.932	15.68	53.87	0.42	8.37	186.47	0.66	44.43
0.942	15.68	53.87	0.61	8.38	189.26	0.63	44.43
0.95	15.68	53.87	0.46	8.39	191.77	0.68	44.43
0.958	15.68	53.86	0.61	8.4	182.83	0.63	44.43
0.965	15.68	53.86	0.42	8.4	182.87	0.69	44.43
0.973	15.68	53.86	0.61	8.41	185.35	0.63	44.43
0.988	15.67	53.86	0.38	8.42	186.3	0.63	44.43
1.003	15.67	53.86	0.53	8.42	183.0	0.64	44.43
1.016	15.67	53.86	0.57	8.43	182.2	0.63	44.43
1.033	15.67	53.86	0.42	8.44	186.25	0.63	44.43
1.044	15.67	53.86	0.42	8.45	182.83	0.59	44.42
1.052	15.67	53.86	0.5	8.46	179.81	0.69	44.43
1.056	15.67	53.86	0.46	8.47	183.43	0.69	44.43
1.058	15.67	53.86	0.42	8.48	183.21	0.69	44.42
1.061	15.67	53.86	0.53	8.49	181.27	0.69	44.43
1.068	15.67	53.86	0.38	8.49	181.44	0.68	44.43
1.073	15.67	53.86	0.5	8.5	181.14	0.66	44.43

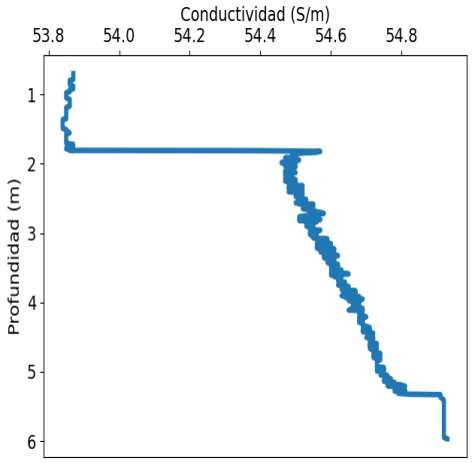
1.083	15.67	53.86	0.53	8.5	183.34	0.67	44.43
1.092	15.67	53.86	0.61	8.51	180.52	0.66	44.43
1.101	15.67	53.86	0.5	8.51	175.56	0.66	44.43
1.112	15.67	53.86	0.53	8.51	180.1	0.62	44.43
1.119	15.67	53.86	0.46	8.51	184.79	0.64	44.43
1.125	15.67	53.86	0.57	8.52	180.39	0.63	44.43
1.132	15.67	53.86	0.53	8.52	177.16	0.6	44.43
1.141	15.67	53.86	0.38	8.53	180.35	0.62	44.43
1.152	15.67	53.86	0.5	8.53	182.49	0.66	44.43
1.164	15.67	53.86	0.46	8.54	180.27	0.66	44.43
1.174	15.67	53.86	0.57	8.54	175.77	0.67	44.43
1.181	15.67	53.86	0.57	8.55	179.27	0.66	44.43
1.19	15.67	53.86	0.38	8.56	181.78	0.6	44.43
1.199	15.67	53.85	0.5	8.57	179.72	0.63	44.43
1.209	15.67	53.86	0.42	8.57	177.45	0.63	44.43
1.218	15.67	53.85	0.53	8.58	181.35	0.63	44.43
1.229	15.67	53.86	0.53	8.59	179.6	0.66	44.43
1.238	15.67	53.86	0.5	8.59	177.36	0.63	44.43
1.24	15.67	53.85	0.53	8.61	179.22	0.68	44.42
1.245	15.67	53.85	0.53	8.62	181.06	0.62	44.43
1.258	15.67	53.86	0.46	8.62	180.35	0.6	44.43
1.279	15.67	53.87	0.42	8.63	179.02	0.59	44.44
1.299	15.67	53.87	0.46	8.63	177.36	0.6	44.44
1.312	15.67	53.86	0.34	8.64	177.98	0.63	44.43
1.315	15.67	53.86	0.46	8.64	177.49	0.61	44.43
1.317	15.67	53.86	0.46	8.65	178.23	0.58	44.43
1.324	15.67	53.86	0.5	8.66	177.78	0.65	44.43
1.334	15.67	53.86	0.5	8.67	177.24	0.56	44.43
1.346	15.66	53.86	0.53	8.68	176.26	0.57	44.43
1.358	15.66	53.86	0.5	8.69	177.32	0.63	44.44
1.368	15.66	53.86	0.5	8.7	175.85	0.56	44.44
1.373	15.66	53.85	0.3	8.72	177.94	0.59	44.43
1.377	15.66	53.86	0.46	8.73	175.65	0.62	44.44
1.383	15.66	53.86	0.42	8.73	176.99	0.55	44.44
1.391	15.66	53.86	0.57	8.73	178.52	0.56	44.44
1.4	15.66	53.86	0.42	8.74	178.93	0.6	44.44
1.401	15.66	53.86	0.5	8.74	176.22	0.62	44.44
1.402	15.66	53.86	0.46	8.75	174.59	0.57	44.44
1.406	15.66	53.86	0.57	8.76	176.26	0.61	44.44
1.415	15.66	53.86	0.65	8.76	177.36	0.6	44.44
1.422	15.66	53.86	0.5	8.75	176.83	0.62	44.44
1.429	15.66	53.86	0.57	8.77	177.12	0.61	44.44
1.441	15.66	53.86	0.57	8.76	175.44	0.58	44.45
1.456	15.66	53.86	0.53	8.77	175.77	0.61	44.44
1.468	15.66	53.86	0.46	8.77	174.83	0.61	44.45
1.477	15.66	53.86	0.46	8.81	175.44	0.6	44.44
1.485	15.66	53.87	0.46	8.81	175.52	0.6	44.45
1.498	15.66	54.12	0.42	8.81	175.56	0.57	44.69
1.511	15.66	54.22	0.38	8.82	174.67	0.56	44.78
1.519	15.66	54.22	0.42	8.8	174.43	0.6	44.78
1.526	15.66	54.21	0.46	8.72	175.0	0.67	44.77
1.53	15.66	54.19	0.42	8.58	173.66	0.62	44.75
1.538	15.66	54.19	0.46	8.37	174.19	0.62	44.76
1.548	15.66	54.21	0.46	8.11	176.01	0.66	44.77
1.553	15.66	54.21	0.34	7.81	177.61	0.65	44.77
1.554	15.66	54.21	0.3	7.51	179.06	0.6	44.77
1.555	15.66	54.21	0.53	7.22	181.48	0.6	44.77
1.556	15.66	54.21	0.42	6.97	186.08	0.59	44.77

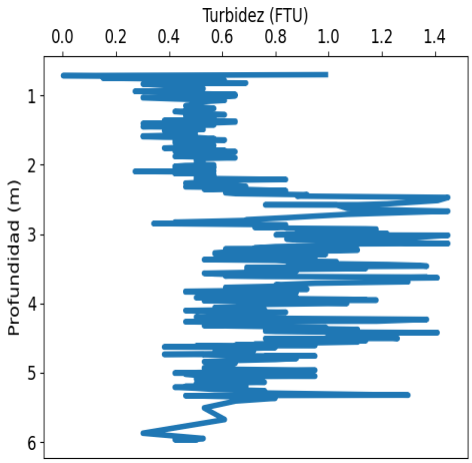
1.557	15.66	54.21	0.46	6.26	200.22	0.57	44.77
1.558	15.66	54.21	0.5	6.17	205.87	0.56	44.77
1.56	15.66	54.21	0.5	6.1	206.39	0.59	44.77

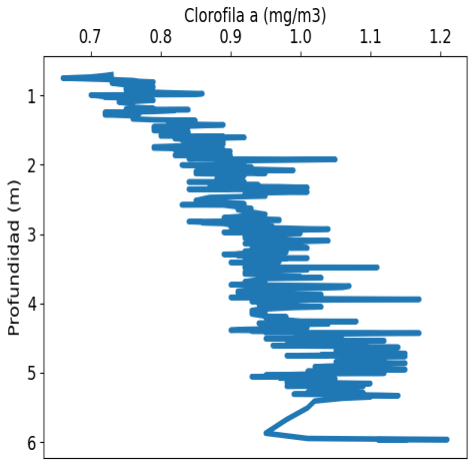
Nombre: CTD N04 - Punto 016 **Fecha: 28/11/2023** **Hora: 11:11:19**

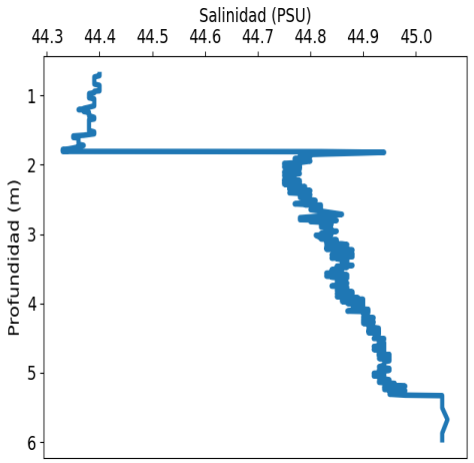


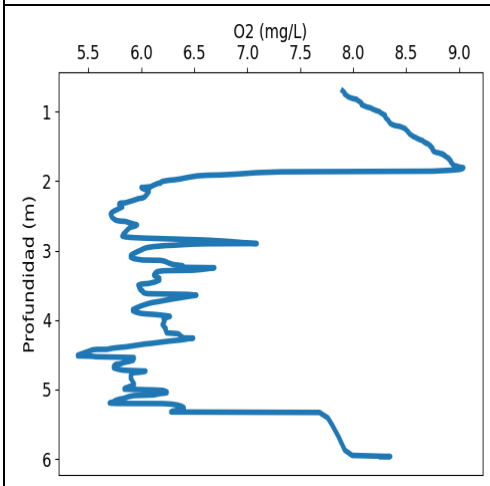


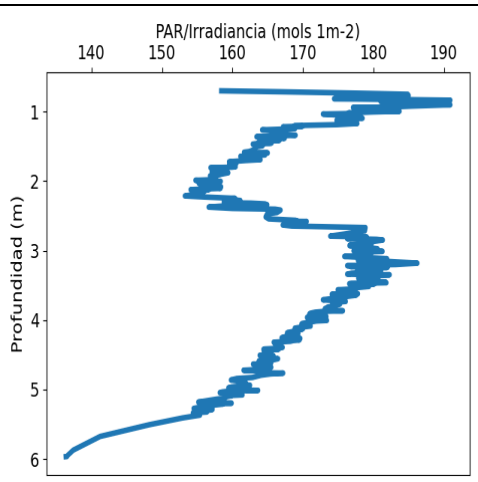


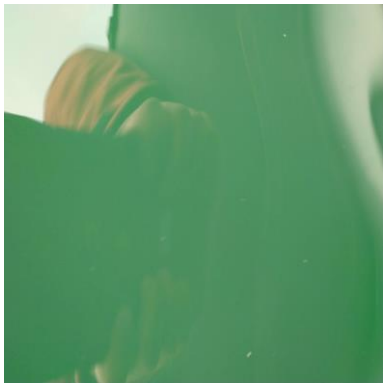












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.7	53.84	0.0	5.4	136.34	0.66	44.33
PROF (metros)	0.835	1.361	0.714	4.506	5.967	0.75	1.779
MÁXIMO	16.0	16.0	1.45	9.04	190.93	1.21	45.06
PROF (metros)	5.965	5.965	2.471	1.807	0.835	5.965	5.676

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	15.71	53.86	0.5	8.06	180.81	0.76	44.39
1 - 2m	15.75	53.98	0.49	8.41	164.14	0.83	44.46
2 - 3m	15.89	54.51	0.73	6.03	165.89	0.91	44.79
3 - 4m	15.91	54.61	0.89	6.14	176.93	0.96	44.86
4 - 5m	15.93	54.71	0.76	5.95	165.54	1.03	44.92
5 - 6m	15.97	54.81	0.63	6.6	155.13	1.04	44.97

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	15.71	53.87	0.99	7.9	158.4	0.73	44.4
0.714	15.71	53.87	0.0	7.91	167.07	0.72	44.4
0.734	15.71	53.87	0.53	7.92	177.82	0.7	44.39
0.75	15.71	53.87	0.15	7.92	184.88	0.66	44.39
0.768	15.71	53.87	0.5	7.94	185.01	0.72	44.39
0.784	15.71	53.87	0.61	7.95	181.02	0.76	44.39
0.798	15.71	53.86	0.53	7.97	180.93	0.77	44.39
0.807	15.71	53.86	0.53	7.99	184.32	0.79	44.39
0.814	15.71	53.86	0.42	8.0	174.39	0.75	44.39
0.82	15.71	53.86	0.69	8.03	179.18	0.73	44.39
0.835	15.7	53.86	0.3	8.04	190.93	0.74	44.39
0.855	15.7	53.86	0.38	8.06	181.02	0.76	44.4
0.879	15.7	53.87	0.5	8.08	182.11	0.79	44.4
0.901	15.7	53.87	0.53	8.08	190.93	0.75	44.4
0.92	15.7	53.87	0.46	8.11	185.39	0.75	44.4
0.933	15.7	53.86	0.5	8.13	182.45	0.76	44.4
0.94	15.7	53.86	0.27	8.15	177.08	0.78	44.39
0.95	15.7	53.86	0.46	8.17	181.23	0.78	44.39
0.961	15.71	53.86	0.46	8.18	179.39	0.81	44.39
0.974	15.71	53.85	0.5	8.2	178.27	0.86	44.38
0.986	15.71	53.85	0.65	8.22	178.6	0.85	44.38
0.994	15.71	53.85	0.5	8.24	183.72	0.7	44.38
1.004	15.71	53.85	0.65	8.25	179.97	0.71	44.38
1.017	15.7	53.85	0.61	8.26	176.46	0.72	44.38
1.027	15.7	53.85	0.3	8.27	176.95	0.72	44.38
1.034	15.7	53.85	0.3	8.28	172.82	0.75	44.38
1.05	15.7	53.85	0.42	8.3	175.04	0.77	44.39
1.071	15.7	53.86	0.61	8.3	177.98	0.79	44.39
1.095	15.7	53.86	0.5	8.31	178.48	0.74	44.39
1.123	15.71	53.86	0.5	8.33	174.75	0.76	44.39
1.149	15.71	53.86	0.46	8.34	175.04	0.76	44.39
1.17	15.71	53.86	0.53	8.35	177.73	0.76	44.38
1.187	15.72	53.85	0.57	8.37	174.83	0.79	44.37
1.198	15.72	53.85	0.5	8.39	169.88	0.75	44.37
1.205	15.72	53.85	0.53	8.41	168.74	0.84	44.36
1.209	15.72	53.85	0.46	8.43	169.96	0.81	44.37

1.218	15.71	53.85	0.53	8.45	167.15	0.82	44.37
1.232	15.71	53.85	0.42	8.47	167.53	0.79	44.37
1.245	15.71	53.85	0.46	8.49	168.9	0.72	44.38
1.262	15.7	53.85	0.53	8.5	164.19	0.77	44.38
1.278	15.7	53.85	0.61	8.51	165.8	0.72	44.38
1.293	15.7	53.85	0.46	8.52	166.41	0.76	44.38
1.317	15.7	53.85	0.57	8.53	166.41	0.76	44.39
1.339	15.7	53.85	0.5	8.55	168.98	0.76	44.39
1.351	15.7	53.85	0.5	8.56	165.8	0.79	44.38
1.361	15.7	53.84	0.38	8.57	163.39	0.85	44.38
1.371	15.7	53.84	0.65	8.59	166.99	0.81	44.38
1.384	15.7	53.84	0.65	8.6	167.42	0.83	44.38
1.395	15.7	53.84	0.57	8.62	165.26	0.82	44.38
1.405	15.7	53.84	0.3	8.63	165.53	0.85	44.38
1.413	15.7	53.84	0.46	8.65	166.68	0.83	44.38
1.424	15.7	53.84	0.57	8.66	165.41	0.89	44.38
1.439	15.7	53.84	0.42	8.67	163.66	0.85	44.38
1.451	15.7	53.84	0.3	8.69	165.57	0.79	44.38
1.458	15.7	53.84	0.5	8.69	165.18	0.84	44.38
1.461	15.7	53.84	0.5	8.7	163.32	0.79	44.38
1.468	15.7	53.84	0.46	8.71	162.86	0.79	44.38
1.481	15.7	53.84	0.5	8.72	163.43	0.8	44.38
1.491	15.7	53.84	0.53	8.73	164.3	0.79	44.38
1.506	15.7	53.85	0.38	8.73	163.39	0.79	44.38
1.527	15.7	53.85	0.5	8.75	163.2	0.84	44.39
1.553	15.7	53.86	0.5	8.75	162.9	0.84	44.39
1.574	15.72	53.85	0.42	8.76	162.37	0.8	44.37
1.585	15.73	53.85	0.3	8.78	161.62	0.8	44.35
1.589	15.73	53.85	0.38	8.79	164.27	0.89	44.35
1.594	15.73	53.85	0.3	8.81	165.03	0.85	44.35
1.602	15.73	53.85	0.38	8.82	163.96	0.88	44.35
1.606	15.73	53.85	0.5	8.84	163.13	0.92	44.35
1.614	15.73	53.85	0.53	8.84	164.34	0.89	44.36
1.623	15.72	53.85	0.57	8.86	164.65	0.82	44.36
1.634	15.72	53.85	0.53	8.86	162.52	0.85	44.36
1.643	15.72	53.85	0.61	8.87	161.1	0.83	44.36
1.653	15.72	53.85	0.42	8.88	161.62	0.89	44.36
1.66	15.73	53.85	0.5	8.89	162.11	0.86	44.36
1.668	15.73	53.85	0.53	8.9	161.4	0.84	44.36
1.68	15.73	53.85	0.42	8.9	162.67	0.89	44.36
1.691	15.73	53.85	0.5	8.91	164.0	0.86	44.36
1.703	15.73	53.85	0.46	8.92	161.88	0.89	44.36
1.721	15.73	53.87	0.57	8.92	159.5	0.85	44.37
1.742	15.74	53.87	0.5	8.93	160.58	0.79	44.36
1.759	15.74	53.86	0.38	8.94	159.58	0.79	44.35
1.773	15.75	53.85	0.57	8.95	159.5	0.85	44.34
1.779	15.75	53.85	0.46	8.96	159.58	0.89	44.33
1.785	15.75	53.85	0.5	8.98	159.65	0.82	44.33
1.793	15.76	53.86	0.61	8.99	160.47	0.84	44.34
1.799	15.76	53.87	0.53	9.01	159.91	0.86	44.34
1.804	15.76	53.87	0.42	9.02	158.4	0.86	44.33
1.806	15.76	53.86	0.53	9.03	157.55	0.9	44.33
1.807	15.76	53.86	0.5	9.04	156.86	0.85	44.33
1.811	15.77	54.39	0.65	9.03	158.62	0.88	44.82
1.821	15.8	54.57	0.46	9.03	158.87	0.89	44.94
1.833	15.84	54.56	0.57	9.0	157.81	0.88	44.89
1.845	15.86	54.52	0.57	8.9	158.47	0.88	44.83
1.857	15.87	54.49	0.5	8.74	158.58	0.9	44.78

1.863	15.87	54.5	0.5	7.61	157.04	0.82	44.8
1.866	15.87	54.5	0.46	7.32	158.29	0.86	44.8
1.879	15.87	54.5	0.42	7.08	159.43	0.9	44.8
1.899	15.88	54.5	0.65	6.9	158.47	0.86	44.79
1.911	15.88	54.48	0.5	6.75	158.07	0.85	44.77
1.915	15.88	54.47	0.5	6.63	157.77	0.84	44.77
1.924	15.88	54.5	0.53	6.53	156.79	1.05	44.79
1.946	15.88	54.51	0.5	6.44	157.7	0.88	44.8
1.968	15.88	54.49	0.53	6.37	157.55	0.89	44.78
1.981	15.88	54.46	0.53	6.31	156.79	0.88	44.75
1.988	15.88	54.46	0.5	6.26	154.73	0.91	44.75
1.997	15.88	54.48	0.53	6.22	156.1	0.92	44.76
2.003	15.88	54.48	0.57	6.2	158.36	0.83	44.77
2.011	15.88	54.49	0.46	6.19	158.07	0.85	44.78
2.023	15.88	54.5	0.42	6.18	155.85	0.91	44.78
2.03	15.88	54.47	0.57	6.18	155.52	0.86	44.75
2.031	15.88	54.47	0.42	6.16	155.2	0.93	44.76
2.043	15.88	54.5	0.57	6.14	155.52	0.89	44.78
2.062	15.89	54.49	0.53	6.11	156.75	0.92	44.78
2.08	15.89	54.48	0.5	6.09	158.4	0.99	44.76
2.089	15.89	54.49	0.57	6.03	155.77	0.89	44.77
2.091	15.89	54.49	0.46	6.0	156.39	0.92	44.77
2.096	15.89	54.49	0.27	6.01	157.85	0.85	44.77
2.104	15.89	54.47	0.53	6.01	158.32	0.9	44.75
2.112	15.89	54.47	0.46	6.02	156.17	0.93	44.75
2.123	15.89	54.49	0.53	6.04	154.05	0.95	44.77
2.126	15.89	54.47	0.42	6.06	156.64	0.89	44.76
2.127	15.89	54.5	0.5	6.07	155.99	0.85	44.78
2.14	15.89	54.49	0.57	6.07	156.14	0.92	44.77
2.156	15.89	54.47	0.57	6.07	155.92	0.92	44.75
2.174	15.89	54.48	0.5	6.06	155.2	0.9	44.76
2.196	15.89	54.49	0.5	6.05	154.3	0.88	44.77
2.213	15.89	54.47	0.84	6.04	153.23	0.88	44.75
2.229	15.89	54.5	0.5	6.03	156.1	0.89	44.78
2.243	15.89	54.48	0.57	6.01	159.28	0.92	44.75
2.248	15.89	54.47	0.5	5.99	160.39	0.84	44.75
2.253	15.89	54.5	0.53	5.97	159.5	0.9	44.77
2.265	15.89	54.5	0.46	5.95	159.61	0.9	44.78
2.279	15.89	54.48	0.53	5.92	161.14	0.87	44.75
2.289	15.89	54.48	0.57	5.9	160.61	0.94	44.76
2.299	15.89	54.5	0.65	5.88	158.76	0.87	44.78
2.312	15.89	54.5	0.69	5.85	158.98	0.89	44.77
2.317	15.89	54.52	0.46	5.8	162.64	0.97	44.79
2.328	15.89	54.51	0.61	5.79	164.61	1.01	44.78
2.34	15.89	54.48	0.65	5.79	164.95	0.92	44.76
2.349	15.89	54.49	0.57	5.8	160.87	0.89	44.77
2.353	15.89	54.48	0.53	5.81	158.8	0.84	44.76
2.357	15.89	54.5	0.69	5.81	158.76	0.92	44.78
2.374	15.89	54.52	0.84	5.82	156.61	0.93	44.8
2.393	15.89	54.49	0.61	5.79	159.98	1.01	44.77
2.404	15.89	54.48	0.61	5.78	166.07	0.95	44.76
2.417	15.89	54.51	0.65	5.76	166.84	0.92	44.79
2.432	15.89	54.52	0.92	5.74	166.64	0.95	44.8
2.452	15.89	54.51	0.88	5.72	166.33	0.95	44.78
2.471	15.89	54.5	1.45	5.71	164.91	0.87	44.78
2.516	15.89	54.53	1.41	5.72	164.69	0.85	44.81
2.544	15.89	54.52	1.3	5.74	165.14	0.89	44.8
2.564	15.89	54.5	1.22	5.76	168.94	0.92	44.77

2.576	15.89	54.53	1.11	5.8	169.25	0.86	44.8
2.578	15.89	54.51	0.76	5.83	167.96	0.83	44.79
2.581	15.89	54.55	1.03	5.85	170.55	0.89	44.82
2.631	15.89	54.55	1.07	5.96	167.11	0.93	44.82
2.647	15.89	54.52	1.18	5.94	168.43	0.91	44.8
2.669	15.89	54.54	1.45	5.89	178.89	0.92	44.82
2.715	15.89	54.58	1.07	5.86	178.81	0.95	44.86
2.764	15.89	54.51	0.84	5.83	175.73	0.89	44.78
2.792	15.89	54.51	0.69	5.82	173.86	0.97	44.78
2.803	15.88	54.57	0.69	5.85	179.06	0.97	44.85
2.811	15.88	54.55	0.61	5.9	176.38	0.92	44.84
2.82	15.88	54.51	0.5	6.02	177.12	0.84	44.8
2.828	15.88	54.53	0.42	6.18	176.26	0.86	44.82
2.838	15.88	54.56	0.5	6.38	180.43	0.86	44.84
2.848	15.88	54.53	0.34	6.6	181.35	0.89	44.82
2.866	15.88	54.55	0.84	6.81	180.14	0.9	44.84
2.888	15.88	54.54	0.84	6.98	179.18	0.96	44.82
2.899	15.88	54.53	0.8	7.09	179.76	0.9	44.82
2.902	15.88	54.54	0.72	6.62	177.98	0.93	44.83
2.906	15.88	54.55	0.84	6.5	179.31	0.93	44.83
2.915	15.88	54.54	0.84	6.39	176.71	0.98	44.83
2.924	15.88	54.54	1.14	6.3	178.56	1.01	44.83
2.928	15.88	54.55	1.18	6.23	176.58	1.04	44.84
2.942	15.88	54.55	1.18	6.12	178.56	1.0	44.83
2.948	15.88	54.54	1.14	6.09	179.31	0.98	44.83
2.958	15.88	54.57	1.11	6.05	179.39	0.96	44.85
2.974	15.88	54.55	0.88	6.02	180.6	0.89	44.83
2.99	15.89	54.54	1.22	6.0	177.45	1.0	44.82
3.003	15.89	54.56	0.92	5.98	177.16	0.98	44.84
3.011	15.89	54.56	0.8	5.97	181.31	0.94	44.83
3.017	15.89	54.54	1.45	5.96	179.93	0.92	44.81
3.056	15.89	54.55	1.3	5.91	179.51	0.92	44.82
3.071	15.89	54.55	0.84	5.9	178.6	0.95	44.82
3.084	15.9	54.59	0.88	5.9	175.85	0.98	44.85
3.096	15.9	54.56	1.18	5.9	177.9	1.04	44.83
3.117	15.9	54.57	1.14	5.93	181.94	0.97	44.83
3.136	15.89	54.56	1.45	6.01	180.14	0.92	44.83
3.141	15.89	54.59	1.11	6.18	177.78	0.95	44.86
3.153	15.89	54.6	1.11	6.22	181.48	0.96	44.87
3.181	15.9	54.56	0.8	6.26	186.25	1.0	44.83
3.201	15.9	54.56	0.72	6.3	183.17	1.01	44.83
3.208	15.9	54.6	1.03	6.34	179.14	0.93	44.87
3.215	15.89	54.57	0.61	6.37	179.27	0.95	44.84
3.217	15.9	54.56	0.88	6.39	176.26	0.98	44.83
3.219	15.89	54.6	0.8	6.39	179.06	0.98	44.86
3.23	15.89	54.61	1.11	6.39	176.75	0.98	44.88
3.241	15.88	54.58	1.03	6.37	182.03	0.93	44.86
3.247	15.89	54.58	0.72	6.69	181.82	0.92	44.86
3.248	15.89	54.59	0.65	6.68	180.81	0.96	44.86
3.26	15.89	54.59	0.61	6.63	178.15	0.98	44.86
3.272	15.89	54.57	0.57	6.57	177.69	0.93	44.85
3.284	15.89	54.61	0.57	6.48	179.68	0.91	44.88
3.289	15.89	54.6	0.88	6.24	181.1	0.91	44.86
3.292	15.89	54.59	0.99	6.2	179.14	0.89	44.86
3.3	15.89	54.58	0.72	6.16	180.06	0.95	44.84
3.311	15.89	54.59	0.76	6.14	179.56	0.91	44.86
3.326	15.89	54.62	0.95	6.13	176.91	0.95	44.88
3.339	15.89	54.58	0.88	6.13	176.26	0.96	44.85

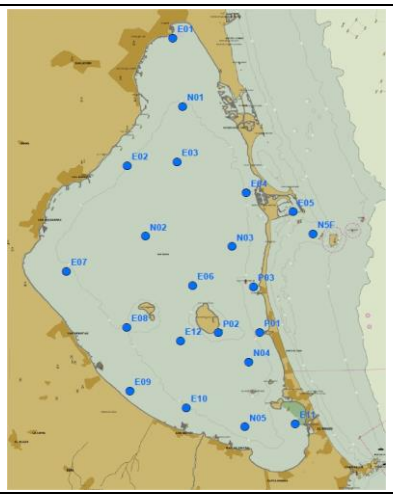
3.346	15.9	54.58	0.88	6.13	179.39	0.97	44.84
3.347	15.9	54.61	0.84	6.12	178.73	1.01	44.87
3.348	15.89	54.59	0.95	6.12	182.32	0.93	44.86
3.356	15.9	54.58	0.88	6.12	179.72	0.98	44.85
3.369	15.9	54.59	0.53	6.13	179.31	0.92	44.86
3.379	15.9	54.6	0.8	6.15	180.77	0.93	44.86
3.388	15.9	54.61	0.84	6.16	179.14	0.96	44.87
3.397	15.9	54.6	1.03	6.17	177.82	0.97	44.86
3.41	15.9	54.6	1.03	6.17	178.64	0.9	44.86
3.426	15.9	54.59	0.95	6.17	178.11	0.95	44.86
3.439	15.9	54.6	1.22	6.15	178.81	0.93	44.86
3.452	15.9	54.62	1.34	6.13	181.73	0.94	44.88
3.463	15.9	54.6	1.37	6.1	181.86	0.95	44.85
3.473	15.91	54.6	0.84	6.07	176.87	0.92	44.85
3.478	15.91	54.62	0.99	6.04	176.54	0.92	44.87
3.48	15.91	54.6	0.69	6.02	180.14	1.11	44.85
3.482	15.91	54.6	0.84	6.0	179.93	0.94	44.85
3.487	15.91	54.61	0.95	5.99	179.06	0.92	44.86
3.498	15.92	54.61	1.14	5.97	178.23	1.0	44.85
3.516	15.92	54.6	0.69	5.98	179.39	1.01	44.84
3.534	15.92	54.63	0.88	5.98	177.57	0.95	44.86
3.552	15.92	54.62	0.72	5.99	177.24	0.92	44.85
3.565	15.92	54.6	0.53	5.99	174.91	0.93	44.83
3.575	15.93	54.62	0.57	6.01	177.45	0.92	44.85
3.59	15.93	54.65	0.69	6.01	176.42	0.96	44.87
3.605	15.93	54.6	0.61	6.02	175.61	0.95	44.83
3.612	15.93	54.61	0.76	6.03	176.58	1.0	44.84
3.621	15.92	54.61	1.37	6.06	177.82	0.95	44.84
3.63	15.92	54.61	1.22	6.36	174.07	0.94	44.85
3.631	15.92	54.63	1.41	6.44	175.28	1.03	44.87
3.642	15.92	54.62	1.14	6.52	177.57	0.95	44.86
3.688	15.93	54.62	1.3	6.33	174.31	0.92	44.85
3.709	15.93	54.64	0.95	6.25	172.82	0.95	44.87
3.732	15.93	54.64	0.8	6.17	176.09	0.9	44.86
3.749	15.93	54.62	0.84	6.1	174.15	1.07	44.84
3.77	15.93	54.65	0.61	6.05	175.28	1.06	44.87
3.795	15.93	54.65	0.92	6.0	174.43	0.97	44.87
3.815	15.93	54.63	0.69	5.97	173.46	0.92	44.85
3.826	15.93	54.64	0.46	5.95	173.46	0.91	44.86
3.835	15.93	54.67	0.46	5.94	173.1	0.91	44.88
3.843	15.93	54.64	0.88	5.93	173.1	0.91	44.86
3.848	15.94	54.64	0.72	5.92	173.26	0.92	44.86
3.855	15.94	54.66	0.8	5.92	173.06	0.95	44.87
3.86	15.94	54.64	0.76	5.92	173.5	0.95	44.85
3.867	15.94	54.66	0.65	5.92	175.69	0.92	44.87
3.874	15.94	54.67	0.65	5.93	173.22	1.03	44.88
3.887	15.94	54.65	0.61	5.95	171.74	0.97	44.86
3.903	15.94	54.63	0.84	5.99	171.03	0.98	44.85
3.913	15.94	54.66	0.88	6.05	171.03	0.9	44.87
3.917	15.93	54.68	0.5	6.1	170.87	0.96	44.89
3.925	15.93	54.64	0.69	6.16	172.22	0.98	44.86
3.934	15.94	54.66	0.88	6.21	172.18	1.04	44.87
3.941	15.94	54.68	1.07	6.25	173.26	1.17	44.9
3.947	15.94	54.65	1.14	6.27	172.82	1.09	44.86
3.95	15.94	54.65	0.99	6.27	173.34	1.04	44.86
3.953	15.93	54.69	1.18	6.26	173.02	1.0	44.9
3.963	15.93	54.68	0.53	6.24	170.55	0.99	44.9
3.973	15.93	54.65	0.76	6.22	171.86	0.93	44.86

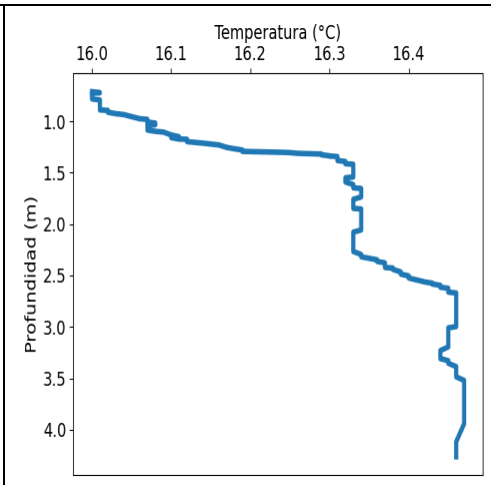
3.982	15.93	54.67	0.8	6.21	170.75	0.98	44.88
3.992	15.93	54.68	0.99	6.21	172.74	0.99	44.9
3.999	15.93	54.66	1.07	6.22	172.9	0.98	44.87
4.006	15.93	54.67	0.92	6.22	173.42	0.95	44.89
4.014	15.93	54.68	0.76	6.22	171.9	0.94	44.9
4.05	15.93	54.68	0.65	6.21	169.88	1.03	44.9
4.06	15.93	54.67	0.57	6.2	169.76	0.99	44.89
4.07	15.93	54.66	0.61	6.2	170.95	0.97	44.88
4.087	15.93	54.69	0.76	6.21	171.11	0.94	44.91
4.103	15.93	54.67	0.46	6.22	169.72	0.93	44.88
4.111	15.93	54.65	0.5	6.22	169.25	0.94	44.87
4.118	15.93	54.69	0.65	6.23	168.82	0.93	44.91
4.128	15.93	54.69	0.84	6.23	170.0	0.95	44.91
4.152	15.93	54.68	0.57	6.23	169.09	0.93	44.9
4.185	15.93	54.69	0.61	6.24	167.73	0.95	44.91
4.195	15.93	54.68	0.53	6.32	169.37	0.98	44.9
4.196	15.93	54.68	0.5	6.34	168.86	0.97	44.9
4.208	15.93	54.7	0.53	6.36	167.96	0.95	44.92
4.231	15.93	54.68	1.37	6.37	167.73	0.97	44.9
4.257	15.93	54.68	1.18	6.4	166.95	1.0	44.9
4.26	15.93	54.69	0.57	6.49	169.13	1.08	44.91
4.262	15.93	54.68	0.5	6.48	168.23	0.98	44.91
4.265	15.93	54.69	0.46	6.46	169.64	0.98	44.92
4.276	15.93	54.69	0.65	6.42	168.98	0.98	44.92
4.287	15.93	54.68	0.65	6.37	169.53	0.94	44.9
4.296	15.93	54.69	0.53	6.31	168.59	1.04	44.91
4.306	15.93	54.69	0.65	6.25	168.23	0.98	44.91
4.32	15.93	54.69	0.53	6.18	165.83	1.01	44.91
4.335	15.93	54.69	0.8	6.1	166.76	0.98	44.91
4.346	15.93	54.7	0.99	6.03	166.03	1.01	44.92
4.36	15.93	54.71	0.84	5.97	166.33	1.0	44.93
4.375	15.93	54.69	1.11	5.9	166.26	0.92	44.91
4.387	15.93	54.69	0.99	5.85	166.8	0.9	44.91
4.393	15.93	54.71	0.76	5.8	167.15	0.97	44.92
4.4	15.93	54.71	0.76	5.76	166.76	0.93	44.93
4.405	15.93	54.69	0.8	5.73	166.72	0.95	44.91
4.411	15.93	54.71	0.92	5.71	165.83	0.95	44.92
4.417	15.93	54.71	1.14	5.69	164.57	0.95	44.92
4.422	15.93	54.69	1.41	5.68	164.38	0.95	44.91
4.423	15.93	54.7	0.99	5.58	166.53	1.1	44.92
4.429	15.93	54.71	1.26	5.54	165.45	1.17	44.93
4.446	15.93	54.72	1.11	5.51	164.42	1.01	44.93
4.506	15.93	54.7	1.26	5.4	165.72	0.99	44.92
4.508	15.93	54.72	0.76	5.4	163.85	0.95	44.94
4.516	15.93	54.72	1.07	5.4	165.03	1.06	44.94
4.521	15.93	54.71	1.14	5.53	165.87	1.01	44.93
4.528	15.93	54.71	1.03	5.57	165.49	1.06	44.93
4.539	15.93	54.71	0.92	5.92	165.11	1.05	44.93
4.54	15.93	54.71	1.14	5.93	164.99	1.12	44.93
4.546	15.93	54.71	0.88	5.93	164.72	1.02	44.93
4.557	15.93	54.72	1.11	5.93	166.49	1.06	44.93
4.569	15.93	54.72	0.95	5.92	165.99	1.08	44.94
4.581	15.93	54.71	0.88	5.92	164.84	1.01	44.93
4.589	15.93	54.71	0.72	5.9	163.73	0.98	44.93
4.594	15.93	54.73	0.95	5.89	164.34	1.02	44.94
4.598	15.93	54.72	0.65	5.88	163.73	1.01	44.93
4.603	15.93	54.71	0.95	5.86	164.76	1.04	44.93
4.608	15.93	54.73	0.95	5.85	164.53	0.96	44.94

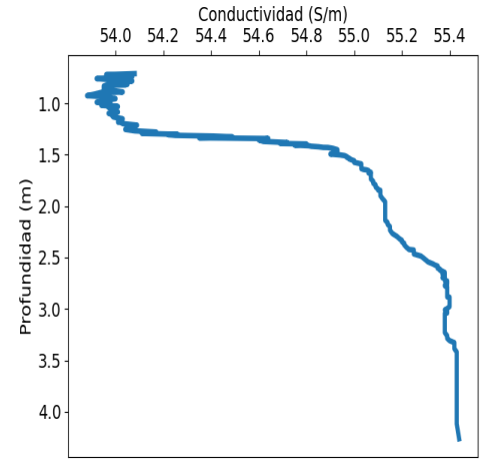
4.614	15.93	54.72	0.5	5.83	165.53	1.0	44.93
4.622	15.93	54.71	0.69	5.82	165.3	1.09	44.92
4.629	15.93	54.72	0.38	5.8	163.77	1.1	44.94
4.633	15.93	54.73	0.61	5.79	164.0	1.14	44.94
4.635	15.93	54.71	0.69	5.77	162.9	1.08	44.93
4.637	15.93	54.72	0.8	5.76	163.28	1.08	44.94
4.648	15.93	54.73	0.72	5.75	163.73	1.09	44.94
4.665	15.93	54.71	0.72	5.74	164.8	1.08	44.92
4.68	15.93	54.73	0.72	5.74	165.53	1.05	44.94
4.69	15.93	54.73	0.69	5.74	165.22	1.08	44.94
4.698	15.93	54.72	0.57	5.76	164.76	1.09	44.93
4.705	15.93	54.73	0.65	5.77	163.2	1.09	44.94
4.714	15.93	54.72	0.69	5.8	163.28	1.13	44.93
4.723	15.93	54.73	0.65	5.83	161.55	1.15	44.94
4.735	15.93	54.72	0.38	6.04	163.73	1.1	44.93
4.737	15.93	54.74	0.53	6.03	163.77	1.03	44.95
4.742	15.93	54.73	0.53	6.01	163.58	1.03	44.94
4.748	15.94	54.72	0.65	6.0	163.66	1.04	44.93
4.754	15.94	54.73	0.65	5.97	164.11	0.98	44.94
4.758	15.93	54.72	0.76	5.94	165.18	1.08	44.93
4.759	15.93	54.73	0.95	5.93	164.04	1.09	44.94
4.76	15.93	54.73	0.76	5.91	164.61	1.09	44.94
4.764	15.93	54.74	0.88	5.91	167.22	1.15	44.95
4.776	15.93	54.73	0.76	5.91	165.41	1.06	44.95
4.794	15.93	54.72	0.88	5.9	164.08	1.06	44.93
4.81	15.93	54.74	0.8	5.9	163.47	1.12	44.95
4.827	15.93	54.74	0.61	5.9	162.83	1.08	44.95
4.842	15.93	54.73	0.53	5.9	160.61	1.05	44.94
4.864	15.93	54.73	0.65	5.91	159.76	1.15	44.94
4.891	15.94	54.73	0.61	5.92	161.85	1.08	44.94
4.914	15.94	54.73	0.57	5.93	161.92	1.02	44.93
4.929	15.94	54.73	0.53	5.93	161.85	1.07	44.94
4.939	15.94	54.75	0.53	5.93	162.52	1.08	44.95
4.95	15.94	54.75	0.61	5.91	161.88	1.11	44.95
4.955	15.94	54.73	0.72	5.89	160.69	1.15	44.93
4.964	15.94	54.75	0.95	5.88	159.87	1.05	44.95
4.978	15.94	54.74	0.76	5.85	159.39	1.01	44.94
4.988	15.95	54.73	0.57	5.84	161.55	1.02	44.93
4.996	15.95	54.75	0.53	5.84	162.49	1.1	44.94
5.004	15.96	54.75	0.42	6.07	161.21	1.08	44.93
5.007	15.96	54.74	0.42	6.12	162.3	1.12	44.93
5.01	15.96	54.74	0.8	6.16	162.03	1.11	44.92
5.013	15.96	54.75	0.92	6.2	163.66	1.05	44.93
5.021	15.96	54.75	0.46	6.22	159.76	1.01	44.94
5.035	15.96	54.75	0.5	6.24	158.58	0.95	44.93
5.046	15.96	54.74	0.76	6.24	158.18	1.01	44.92
5.05	15.96	54.75	0.95	6.23	159.98	0.97	44.93
5.054	15.96	54.76	0.69	6.21	160.21	0.95	44.94
5.058	15.96	54.75	0.61	6.18	161.06	0.93	44.93
5.067	15.96	54.75	0.69	6.15	161.29	1.02	44.93
5.078	15.96	54.75	0.65	6.12	161.44	0.97	44.93
5.087	15.96	54.76	0.65	5.97	159.43	1.05	44.94
5.088	15.96	54.76	0.5	5.93	159.87	1.01	44.94
5.103	15.96	54.77	0.61	5.88	159.21	1.01	44.95
5.126	15.96	54.75	0.65	5.84	158.87	1.03	44.93
5.138	15.96	54.75	0.76	5.8	157.81	0.98	44.93
5.155	15.96	54.78	0.5	5.76	156.79	1.1	44.96
5.182	15.96	54.77	0.69	5.73	155.13	1.07	44.95

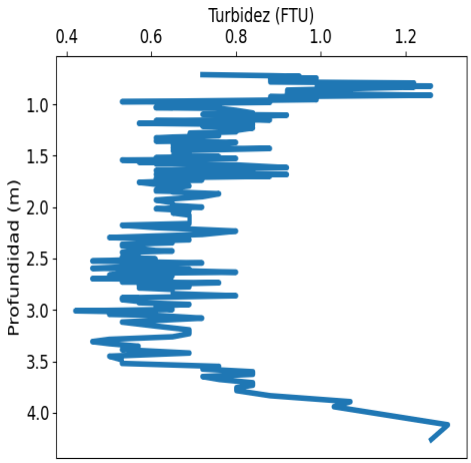
5.195	15.96	54.8	0.53	5.7	158.14	0.98	44.98
5.197	15.96	54.78	0.46	5.72	159.91	1.09	44.96
5.201	15.96	54.76	0.69	5.77	157.85	1.08	44.94
5.203	15.97	54.79	0.46	6.2	158.36	1.03	44.96
5.21	15.97	54.81	0.42	6.28	158.65	1.04	44.97
5.224	15.97	54.78	0.5	6.34	157.41	1.03	44.94
5.242	15.97	54.78	0.57	6.38	157.15	1.08	44.94
5.259	15.97	54.81	0.76	6.4	155.16	1.07	44.98
5.273	15.97	54.8	0.72	6.4	154.48	1.03	44.97
5.279	15.97	54.78	0.65	6.39	155.45	1.01	44.95
5.287	15.97	54.81	0.65	6.36	157.19	1.09	44.97
5.3	15.97	54.81	0.88	6.34	156.64	1.05	44.97
5.31	15.97	54.79	1.03	6.3	155.7	0.99	44.95
5.324	15.98	54.82	1.3	6.28	156.39	1.11	44.98
5.331	15.99	54.91	0.46	7.68	155.16	1.14	45.05
5.337	15.99	54.91	0.53	7.69	154.37	1.08	45.05
5.351	15.99	54.91	0.69	7.7	155.05	1.1	45.05
5.369	15.99	54.91	0.8	7.72	155.41	1.06	45.05
5.409	15.99	54.92	0.65	7.76	152.95	1.02	45.05
5.508	15.99	54.92	0.53	7.8	148.17	1.01	45.05
5.676	15.99	54.92	0.61	7.86	141.23	0.98	45.06
5.873	15.99	54.92	0.3	7.92	137.42	0.95	45.05
5.949	15.99	54.92	0.53	7.99	136.62	1.01	45.05
5.965	16.0	54.93	0.5	8.35	136.53	1.21	45.05
5.966	16.0	54.93	0.42	8.29	136.46	1.11	45.05
5.967	16.0	54.93	0.5	8.26	136.34	1.15	45.05

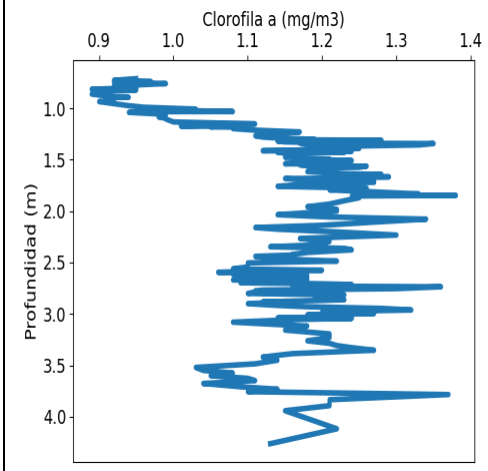
Nombre: CTD E11 - Punto 017 **Fecha: 28/11/2023** **Hora: 11:11:51**

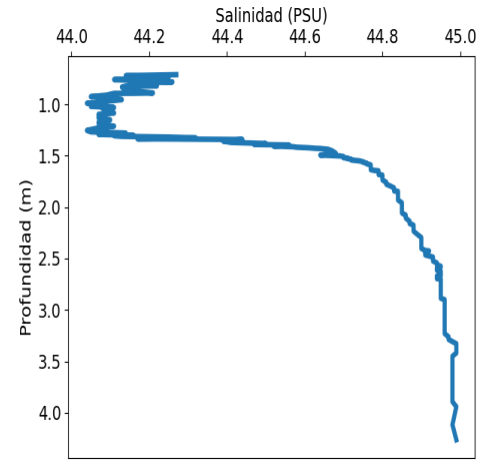


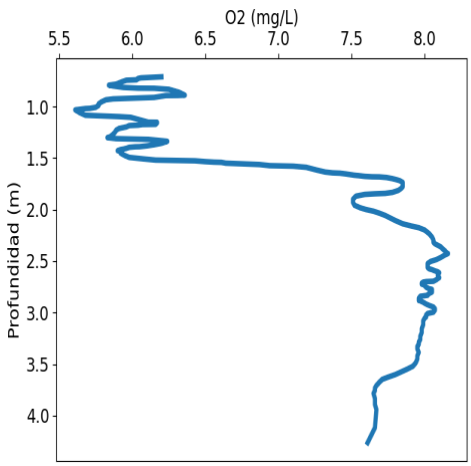


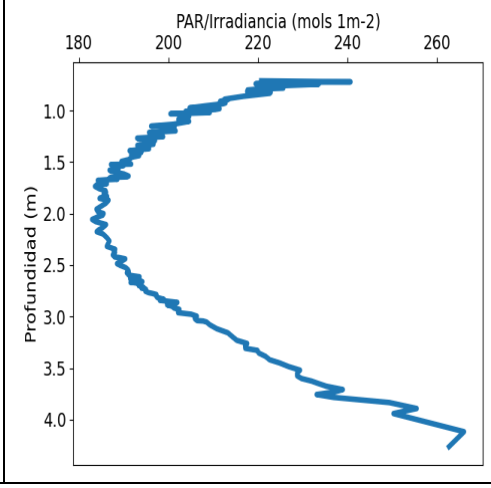


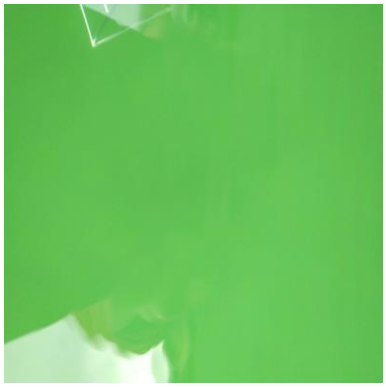












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.0	53.88	0.42	5.61	182.92	0.89	44.04
PROF (metros)	0.712	0.926	3.009	1.033	2.057	0.815	0.99
MÁXIMO	16.47	16.47	1.3	8.16	266.02	1.38	44.99
PROF (metros)	3.52	4.262	4.117	2.427	4.117	1.847	3.328

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	16.02	53.98	0.96	6.01	218.12	0.93	44.15
1 - 2m	16.26	54.65	0.71	6.56	192.66	1.17	44.5
2 - 3m	16.41	55.3	0.61	8.01	192.33	1.17	44.93
3 - 4m	16.46	55.41	0.67	7.87	224.33	1.16	44.98
4 - 5m	16.46	55.44	1.28	7.63	264.34	1.18	44.99

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)
0.712	16.0	54.08	0.72	6.2	220.69	0.95	44.27
0.722	16.01	53.96	0.88	6.06	240.68	0.93	44.14
0.728	16.0	54.05	0.95	6.04	224.93	0.92	44.23
0.741	16.0	54.07	0.88	6.03	219.42	0.97	44.25
0.745	16.0	54.03	0.99	5.96	233.53	0.92	44.21
0.76	16.0	53.92	0.88	5.93	225.03	0.99	44.11
0.783	16.0	54.07	0.88	5.89	225.66	0.92	44.26
0.793	16.01	53.97	1.22	5.84	219.82	0.95	44.15
0.801	16.01	54.0	0.99	5.87	217.64	0.95	44.18
0.815	16.01	54.05	0.99	5.94	217.54	0.89	44.22
0.822	16.01	54.04	1.26	6.04	217.59	0.91	44.22
0.823	16.01	53.96	1.18	6.15	222.85	0.95	44.14
0.833	16.01	53.95	1.22	6.25	222.64	0.92	44.13
0.862	16.01	53.95	0.92	6.32	216.74	0.89	44.14
0.89	16.01	54.03	0.92	6.36	212.51	0.92	44.21
0.893	16.02	53.99	1.07	6.31	213.35	0.94	44.16
0.894	16.02	53.94	0.92	6.23	213.05	0.91	44.11
0.912	16.02	53.91	1.26	6.15	211.48	0.92	44.09
0.926	16.03	53.88	0.88	5.87	212.76	0.92	44.05
0.935	16.04	53.95	0.95	5.82	212.12	0.9	44.1
0.955	16.05	54.0	0.99	5.79	208.22	0.92	44.13
0.975	16.06	53.95	0.53	5.77	204.68	0.94	44.08
0.982	16.07	53.96	0.88	5.77	211.43	0.95	44.07
0.99	16.07	53.92	0.69	5.77	210.45	0.96	44.04
1.008	16.07	53.98	0.76	5.75	203.78	1.03	44.09
1.018	16.08	53.95	0.72	5.71	204.73	0.99	44.06
1.02	16.07	53.94	0.76	5.68	209.24	1.01	44.05
1.028	16.07	53.99	0.61	5.64	203.97	1.05	44.09
1.032	16.08	54.01	0.65	5.62	200.41	1.08	44.11
1.033	16.08	53.97	0.61	5.61	203.03	0.98	44.08
1.04	16.07	53.97	0.76	5.62	203.45	0.94	44.08
1.059	16.07	53.99	0.8	5.64	204.63	0.99	44.1
1.085	16.07	54.01	0.84	5.68	202.18	0.98	44.11
1.098	16.08	53.97	0.72	5.91	203.69	0.99	44.07
1.105	16.09	53.98	0.92	5.99	204.63	0.99	44.07
1.133	16.1	53.99	0.76	6.06	201.15	1.0	44.07
1.152	16.11	54.03	0.88	6.11	196.09	1.11	44.1

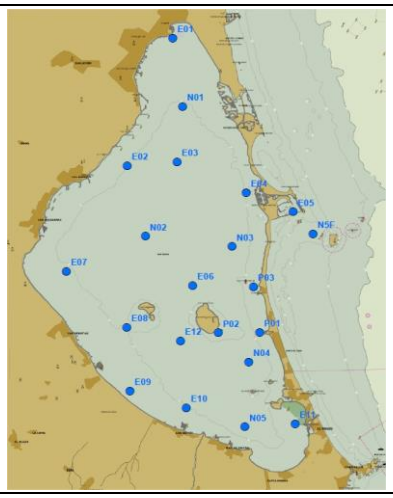
1.153	16.1	54.01	0.76	6.17	201.06	1.01	44.08
1.159	16.1	54.01	0.61	6.17	201.38	1.09	44.08
1.173	16.11	54.02	0.84	6.16	199.8	1.01	44.09
1.175	16.12	54.01	0.65	6.07	199.8	1.06	44.07
1.181	16.12	54.01	0.65	6.04	200.55	1.05	44.07
1.184	16.12	54.01	0.69	6.0	200.78	1.09	44.07
1.185	16.12	54.02	0.57	5.98	200.55	1.08	44.07
1.198	16.12	54.03	0.84	5.96	201.62	1.08	44.08
1.213	16.14	54.09	0.72	5.91	195.63	1.11	44.11
1.23	16.16	54.06	0.84	5.89	196.54	1.17	44.07
1.254	16.17	54.04	0.8	5.88	198.83	1.13	44.04
1.268	16.18	54.08	0.8	5.87	192.98	1.11	44.05
1.28	16.19	54.17	0.69	5.86	193.51	1.12	44.14
1.293	16.19	54.11	0.69	5.85	197.0	1.15	44.07
1.302	16.24	54.26	0.72	5.83	196.18	1.19	44.16
1.305	16.25	54.22	0.76	5.85	195.32	1.14	44.11
1.312	16.26	54.25	0.72	5.89	196.36	1.28	44.13
1.319	16.29	54.41	0.65	6.11	196.45	1.14	44.25
1.327	16.29	54.49	0.61	6.17	196.68	1.15	44.32
1.336	16.3	54.35	0.65	6.23	195.14	1.21	44.17
1.338	16.3	54.45	0.69	6.24	193.02	1.17	44.27
1.343	16.31	54.64	0.72	6.23	193.78	1.35	44.44
1.357	16.31	54.6	0.61	6.2	195.27	1.33	44.39
1.371	16.31	54.62	0.8	6.15	195.68	1.21	44.41
1.382	16.31	54.72	0.76	6.1	192.89	1.18	44.5
1.39	16.32	54.71	0.65	6.05	191.28	1.25	44.49
1.391	16.32	54.69	0.76	6.02	192.08	1.18	44.47
1.396	16.32	54.8	0.69	5.98	193.2	1.18	44.56
1.406	16.32	54.75	0.69	5.96	193.96	1.17	44.52
1.413	16.32	54.81	0.69	5.94	193.29	1.12	44.57
1.418	16.33	54.82	0.69	5.92	192.98	1.24	44.58
1.423	16.33	54.85	0.65	5.91	192.26	1.16	44.61
1.429	16.33	54.87	0.72	5.9	191.64	1.23	44.63
1.43	16.33	54.89	0.88	5.91	193.47	1.14	44.64
1.438	16.33	54.91	0.8	5.92	193.47	1.16	44.66
1.452	16.33	54.93	0.65	5.92	191.91	1.16	44.67
1.476	16.33	54.93	0.69	5.95	191.11	1.15	44.68
1.494	16.33	54.9	0.69	5.98	189.48	1.21	44.64
1.502	16.33	54.94	0.65	6.03	189.7	1.21	44.69
1.509	16.33	54.96	0.76	6.08	191.2	1.24	44.7
1.52	16.33	54.97	0.61	6.16	191.68	1.2	44.7
1.524	16.33	54.97	0.76	6.34	187.12	1.19	44.71
1.527	16.33	54.97	0.8	6.43	188.16	1.22	44.71
1.535	16.33	54.98	0.69	6.5	189.96	1.16	44.72
1.54	16.33	54.98	0.61	6.56	189.08	1.15	44.72
1.542	16.33	54.98	0.53	6.61	188.73	1.21	44.72
1.55	16.32	54.99	0.61	6.64	188.12	1.17	44.74
1.559	16.32	55.0	0.69	6.8	188.12	1.18	44.75
1.563	16.32	55.0	0.57	6.87	188.86	1.26	44.75
1.574	16.32	55.0	0.69	6.94	188.12	1.25	44.76
1.579	16.32	55.01	0.61	7.1	186.82	1.21	44.76
1.59	16.32	55.03	0.8	7.19	187.21	1.21	44.77
1.616	16.33	55.03	0.92	7.26	190.05	1.18	44.77
1.636	16.33	55.03	0.69	7.32	191.11	1.23	44.77
1.644	16.33	55.04	0.61	7.37	190.75	1.28	44.78
1.647	16.33	55.05	0.84	7.42	188.47	1.23	44.79
1.654	16.34	55.06	0.65	7.46	186.82	1.21	44.79
1.663	16.34	55.06	0.69	7.5	188.08	1.23	44.79

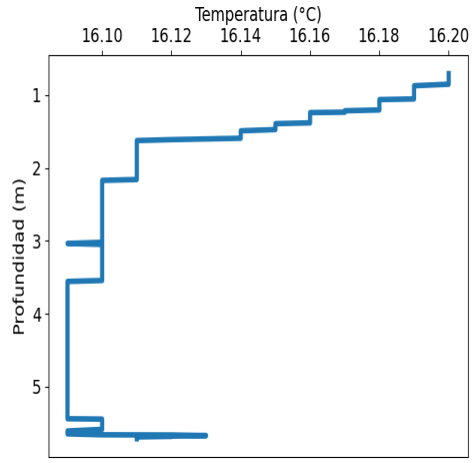
1.667	16.34	55.06	0.8	7.52	188.6	1.29	44.79
1.671	16.34	55.07	0.69	7.55	186.51	1.26	44.79
1.678	16.34	55.06	0.65	7.59	184.19	1.2	44.79
1.682	16.34	55.07	0.61	7.64	184.83	1.18	44.79
1.683	16.34	55.07	0.92	7.69	185.69	1.15	44.79
1.689	16.34	55.07	0.69	7.74	185.52	1.16	44.8
1.7	16.34	55.07	0.88	7.78	185.52	1.21	44.8
1.711	16.34	55.07	0.69	7.81	186.25	1.27	44.8
1.72	16.34	55.07	0.61	7.83	184.02	1.27	44.8
1.736	16.34	55.07	0.72	7.85	183.55	1.18	44.8
1.759	16.33	55.08	0.57	7.85	184.53	1.14	44.81
1.778	16.33	55.08	0.61	7.85	185.95	1.26	44.81
1.794	16.33	55.09	0.69	7.84	186.08	1.21	44.82
1.814	16.33	55.09	0.65	7.82	185.48	1.27	44.83
1.833	16.33	55.1	0.61	7.78	186.3	1.33	44.83
1.843	16.33	55.1	0.61	7.73	185.74	1.28	44.83
1.847	16.33	55.11	0.65	7.66	184.75	1.38	44.84
1.853	16.34	55.11	0.65	7.59	184.58	1.24	44.84
1.87	16.34	55.11	0.76	7.53	186.64	1.25	44.84
1.899	16.34	55.11	0.72	7.51	186.04	1.23	44.84
1.931	16.34	55.12	0.61	7.51	184.88	1.21	44.84
1.958	16.34	55.13	0.65	7.52	183.89	1.18	44.85
1.983	16.34	55.13	0.65	7.56	184.24	1.22	44.85
2.0	16.34	55.13	0.72	7.6	185.52	1.22	44.85
2.016	16.34	55.13	0.61	7.65	185.31	1.18	44.85
2.035	16.34	55.13	0.69	7.69	184.06	1.14	44.85
2.057	16.34	55.13	0.65	7.73	182.92	1.21	44.85
2.078	16.33	55.13	0.69	7.76	183.72	1.34	44.86
2.107	16.33	55.13	0.69	7.8	186.08	1.27	44.86
2.138	16.33	55.13	0.69	7.85	185.26	1.2	44.87
2.16	16.33	55.14	0.69	7.91	184.36	1.11	44.87
2.176	16.33	55.14	0.53	7.96	183.94	1.14	44.88
2.199	16.33	55.15	0.61	8.0	185.39	1.21	44.88
2.233	16.33	55.15	0.8	8.03	186.21	1.3	44.88
2.266	16.33	55.16	0.72	8.05	186.82	1.17	44.89
2.296	16.34	55.18	0.5	8.06	186.43	1.21	44.9
2.318	16.34	55.19	0.69	8.06	186.21	1.2	44.9
2.332	16.35	55.2	0.57	8.07	187.16	1.18	44.9
2.347	16.36	55.2	0.65	8.09	188.12	1.13	44.9
2.362	16.36	55.21	0.53	8.11	187.73	1.23	44.9
2.377	16.37	55.21	0.53	8.12	188.08	1.24	44.9
2.402	16.37	55.22	0.57	8.14	187.55	1.18	44.9
2.422	16.37	55.23	0.61	8.15	187.99	1.16	44.91
2.427	16.38	55.25	0.65	8.16	188.99	1.16	44.92
2.44	16.38	55.25	0.53	8.14	190.36	1.11	44.91
2.465	16.39	55.25	0.57	8.11	189.39	1.14	44.91
2.486	16.39	55.28	0.53	8.08	188.47	1.22	44.93
2.504	16.4	55.29	0.61	8.04	189.26	1.1	44.93
2.524	16.4	55.3	0.46	8.02	190.4	1.1	44.93
2.543	16.41	55.31	0.72	8.02	190.93	1.1	44.94
2.562	16.42	55.33	0.53	8.02	191.15	1.08	44.94
2.575	16.43	55.34	0.53	8.03	190.67	1.2	44.95
2.583	16.43	55.35	0.53	8.05	190.89	1.11	44.95
2.595	16.44	55.35	0.46	8.07	191.06	1.06	44.94
2.604	16.44	55.35	0.69	8.09	192.0	1.12	44.94
2.614	16.44	55.36	0.65	8.1	193.56	1.08	44.94
2.624	16.45	55.36	0.72	8.09	192.8	1.18	44.95
2.633	16.45	55.37	0.8	8.09	191.42	1.13	44.95

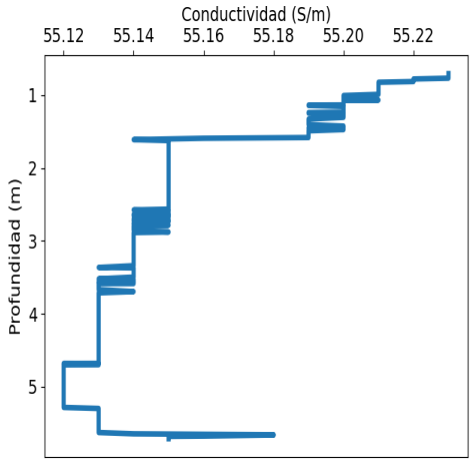
2.645	16.45	55.38	0.53	8.09	191.91	1.18	44.95
2.661	16.45	55.37	0.5	8.1	194.19	1.18	44.95
2.669	16.46	55.38	0.65	8.09	191.51	1.08	44.95
2.67	16.46	55.38	0.61	8.09	192.22	1.11	44.94
2.681	16.46	55.38	0.61	8.08	193.74	1.16	44.94
2.696	16.46	55.37	0.46	8.06	193.51	1.09	44.94
2.699	16.46	55.38	0.57	8.01	193.34	1.11	44.95
2.704	16.46	55.38	0.57	7.99	193.83	1.18	44.95
2.714	16.46	55.38	0.61	7.98	194.37	1.24	44.95
2.724	16.46	55.38	0.65	7.98	193.96	1.17	44.95
2.728	16.46	55.39	0.53	7.99	194.68	1.16	44.95
2.736	16.46	55.39	0.76	8.0	195.0	1.36	44.95
2.754	16.46	55.39	0.57	8.01	194.82	1.3	44.95
2.768	16.46	55.38	0.57	8.03	195.59	1.12	44.95
2.775	16.46	55.38	0.69	8.05	196.36	1.11	44.95
2.786	16.46	55.39	0.57	8.05	197.32	1.11	44.95
2.801	16.46	55.39	0.65	8.05	197.23	1.1	44.95
2.815	16.46	55.39	0.65	8.03	197.5	1.23	44.95
2.832	16.46	55.39	0.65	8.02	198.97	1.19	44.95
2.842	16.46	55.39	0.65	7.97	198.05	1.2	44.95
2.862	16.46	55.39	0.8	7.96	201.99	1.23	44.95
2.883	16.46	55.39	0.53	7.96	201.34	1.12	44.95
2.886	16.46	55.4	0.57	7.97	199.67	1.14	44.95
2.9	16.46	55.4	0.53	7.99	200.78	1.1	44.96
2.917	16.46	55.4	0.57	8.01	201.24	1.14	44.96
2.93	16.46	55.4	0.57	8.03	202.46	1.18	44.96
2.946	16.46	55.4	0.69	8.06	202.09	1.28	44.96
2.962	16.46	55.4	0.61	8.07	202.13	1.32	44.96
2.977	16.46	55.4	0.61	8.07	205.06	1.2	44.96
2.996	16.46	55.39	0.65	8.06	206.35	1.27	44.96
3.009	16.45	55.38	0.42	8.02	205.82	1.18	44.96
3.023	16.45	55.39	0.61	8.01	205.92	1.24	44.96
3.039	16.45	55.39	0.5	8.01	206.39	1.14	44.96
3.043	16.45	55.38	0.5	8.01	207.74	1.24	44.96
3.053	16.45	55.38	0.61	8.0	208.51	1.17	44.96
3.08	16.45	55.38	0.72	7.99	209.24	1.08	44.96
3.118	16.45	55.38	0.53	7.99	210.79	1.18	44.96
3.157	16.45	55.38	0.61	7.98	213.25	1.15	44.96
3.194	16.45	55.38	0.69	7.98	214.24	1.21	44.96
3.23	16.44	55.38	0.69	7.97	215.24	1.21	44.96
3.261	16.44	55.39	0.65	7.97	217.59	1.18	44.97
3.286	16.44	55.39	0.5	7.96	217.09	1.21	44.97
3.308	16.44	55.4	0.46	7.96	217.14	1.22	44.98
3.328	16.45	55.42	0.5	7.95	219.88	1.24	44.99
3.353	16.45	55.42	0.57	7.95	220.13	1.27	44.99
3.386	16.46	55.42	0.53	7.96	221.67	1.16	44.99
3.419	16.46	55.43	0.69	7.95	222.59	1.12	44.99
3.45	16.46	55.43	0.5	7.95	224.82	1.14	44.98
3.485	16.46	55.43	0.53	7.94	226.81	1.11	44.98
3.52	16.47	55.43	0.53	7.92	229.4	1.03	44.98
3.549	16.47	55.43	0.76	7.88	228.71	1.04	44.98
3.575	16.47	55.43	0.72	7.84	228.71	1.08	44.98
3.601	16.47	55.43	0.84	7.8	229.72	1.05	44.98
3.626	16.47	55.43	0.84	7.75	231.97	1.1	44.98
3.648	16.47	55.43	0.72	7.71	233.37	1.11	44.98
3.676	16.47	55.43	0.76	7.69	235.27	1.04	44.98
3.708	16.47	55.43	0.84	7.67	238.95	1.09	44.98
3.732	16.47	55.43	0.84	7.66	237.02	1.14	44.98

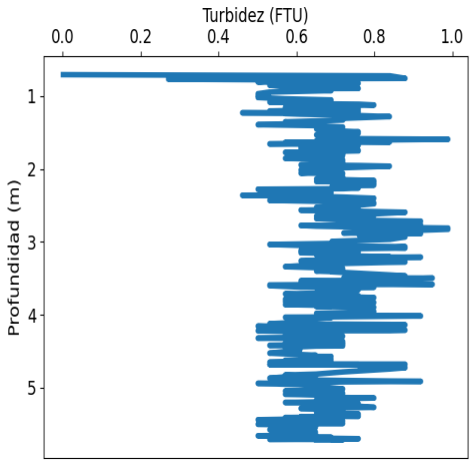
3.756	16.47	55.43	0.8	7.66	233.05	1.1	44.98
3.784	16.47	55.43	0.8	7.65	236.86	1.37	44.98
3.834	16.47	55.43	0.88	7.66	249.31	1.21	44.98
3.892	16.47	55.43	1.07	7.66	255.45	1.21	44.98
3.941	16.47	55.43	1.03	7.67	250.23	1.15	44.99
4.117	16.46	55.43	1.3	7.66	266.02	1.22	44.98
4.262	16.46	55.44	1.26	7.61	262.65	1.13	44.99

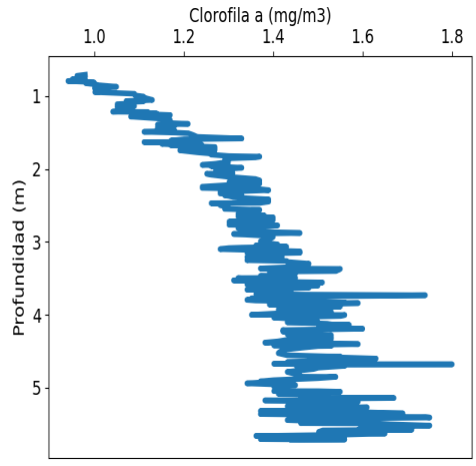
Nombre: CTD N05 - Punto 018 **Fecha: 28/11/2023** **Hora: 12:11:55**

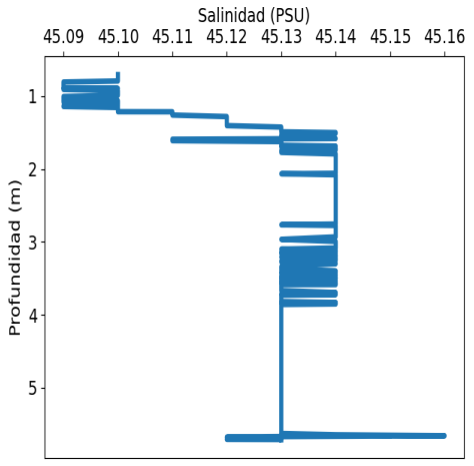


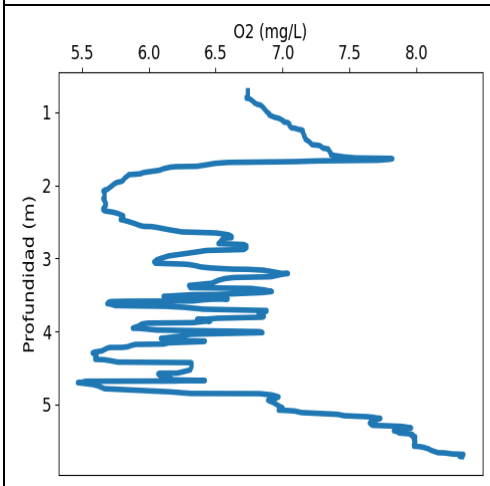


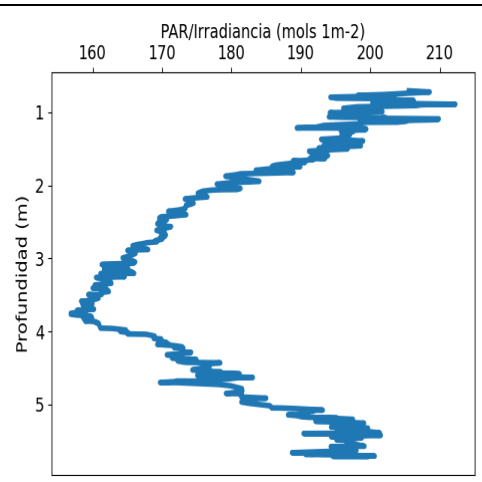












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.09	55.12	0.0	5.47	156.83	0.94	45.09
PROF (metros)	3.036	4.682	0.707	4.701	3.752	0.794	0.808
MÁXIMO	16.2	16.2	0.99	8.35	212.26	1.8	45.16
PROF (metros)	0.707	0.707	1.593	5.682	0.891	4.68	5.66

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	16.19	55.22	0.6	6.79	202.3	1.0	45.1
1 - 2m	16.14	55.18	0.67	6.87	192.96	1.18	45.12
2 - 3m	16.1	55.15	0.73	6.05	171.27	1.33	45.14
3 - 4m	16.09	55.14	0.71	6.42	160.89	1.42	45.13
4 - 5m	16.09	55.13	0.66	6.09	174.65	1.49	45.13
5 - 6m	16.1	55.13	0.66	7.86	194.95	1.51	45.13

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.707	16.2	55.23	0.0	6.74	205.53	0.98	45.1
0.723	16.2	55.23	0.84	6.74	208.56	0.96	45.1
0.758	16.2	55.23	0.88	6.74	202.04	0.98	45.1
0.769	16.2	55.23	0.27	6.74	198.19	0.95	45.1
0.78	16.2	55.22	0.61	6.74	200.69	0.98	45.1
0.794	16.2	55.22	0.53	6.73	194.23	0.94	45.1
0.808	16.2	55.22	0.5	6.73	195.14	0.99	45.09
0.815	16.2	55.22	0.65	6.75	203.5	1.0	45.09
0.825	16.2	55.21	0.76	6.76	201.95	0.98	45.09
0.839	16.2	55.21	0.57	6.77	206.25	1.0	45.09
0.852	16.2	55.21	0.53	6.78	203.92	1.01	45.09
0.873	16.19	55.21	0.57	6.79	200.27	1.05	45.09
0.891	16.19	55.21	0.61	6.81	212.26	1.0	45.09
0.896	16.19	55.21	0.76	6.82	208.12	1.03	45.1
0.899	16.19	55.21	0.61	6.83	207.26	1.0	45.09
0.909	16.19	55.21	0.57	6.84	206.63	1.01	45.09
0.926	16.19	55.21	0.69	6.85	198.1	1.03	45.1
0.946	16.19	55.21	0.53	6.86	196.09	1.0	45.1
0.969	16.19	55.21	0.5	6.87	198.83	1.09	45.1
0.991	16.19	55.21	0.5	6.88	201.76	1.09	45.1
1.007	16.19	55.2	0.53	6.89	194.14	1.11	45.09
1.02	16.19	55.2	0.5	6.9	195.86	1.11	45.09
1.038	16.19	55.2	0.57	6.9	196.36	1.12	45.09
1.054	16.19	55.2	0.69	6.92	195.77	1.13	45.09
1.063	16.18	55.2	0.61	6.93	194.01	1.09	45.1
1.069	16.18	55.21	0.65	6.94	195.95	1.07	45.1
1.074	16.18	55.2	0.69	6.95	202.18	1.11	45.1
1.083	16.18	55.2	0.53	6.97	201.48	1.08	45.09
1.091	16.18	55.2	0.61	6.98	209.87	1.07	45.1
1.102	16.18	55.2	0.57	6.99	209.67	1.08	45.1
1.112	16.18	55.2	0.76	7.0	205.2	1.05	45.1
1.123	16.18	55.2	0.8	7.01	205.2	1.05	45.1
1.136	16.18	55.2	0.69	7.01	203.87	1.09	45.1
1.138	16.18	55.19	0.72	7.03	199.11	1.09	45.09
1.143	16.18	55.19	0.69	7.04	198.42	1.08	45.09
1.157	16.18	55.2	0.57	7.05	198.74	1.05	45.1

1.181	16.18	55.2	0.76	7.05	193.29	1.07	45.1
1.205	16.18	55.2	0.53	7.06	192.17	1.08	45.1
1.215	16.17	55.2	0.65	7.07	189.39	1.04	45.1
1.216	16.17	55.2	0.76	7.08	195.41	1.06	45.11
1.219	16.17	55.2	0.69	7.09	197.04	1.12	45.11
1.224	16.17	55.2	0.69	7.1	199.25	1.11	45.11
1.23	16.17	55.2	0.46	7.11	199.43	1.11	45.11
1.236	16.17	55.2	0.57	7.12	197.5	1.13	45.11
1.241	16.16	55.19	0.57	7.14	199.25	1.14	45.11
1.249	16.16	55.19	0.61	7.15	195.72	1.12	45.11
1.261	16.16	55.2	0.72	7.15	197.59	1.17	45.11
1.282	16.16	55.2	0.84	7.15	195.82	1.08	45.12
1.306	16.16	55.2	0.72	7.16	197.09	1.14	45.12
1.33	16.16	55.19	0.72	7.16	195.86	1.17	45.12
1.354	16.16	55.19	0.57	7.17	195.63	1.17	45.12
1.371	16.16	55.19	0.61	7.17	192.89	1.17	45.12
1.382	16.16	55.19	0.57	7.18	196.86	1.21	45.12
1.393	16.15	55.19	0.5	7.19	198.97	1.14	45.12
1.406	16.15	55.19	0.65	7.2	197.78	1.18	45.12
1.426	16.15	55.2	0.72	7.21	197.46	1.14	45.13
1.445	16.15	55.2	0.69	7.22	193.29	1.14	45.13
1.451	16.15	55.19	0.65	7.26	197.69	1.14	45.13
1.459	16.15	55.19	0.69	7.28	198.65	1.15	45.13
1.474	16.15	55.2	0.69	7.29	195.59	1.18	45.13
1.491	16.14	55.19	0.76	7.3	192.53	1.11	45.13
1.502	16.14	55.19	0.72	7.34	196.73	1.18	45.14
1.511	16.14	55.19	0.76	7.34	194.77	1.21	45.14
1.533	16.14	55.19	0.65	7.35	191.15	1.22	45.13
1.56	16.14	55.19	0.69	7.36	191.95	1.23	45.13
1.583	16.14	55.19	0.69	7.36	193.34	1.33	45.14
1.593	16.14	55.16	0.99	7.39	193.92	1.2	45.11
1.612	16.12	55.14	0.65	7.46	191.68	1.17	45.11
1.625	16.11	55.15	0.72	7.54	191.33	1.22	45.13
1.631	16.11	55.15	0.84	7.75	193.51	1.17	45.13
1.632	16.11	55.15	0.65	7.81	191.51	1.11	45.13
1.637	16.11	55.15	0.57	7.82	191.37	1.21	45.13
1.646	16.11	55.15	0.65	7.79	191.86	1.16	45.13
1.657	16.11	55.15	0.53	7.71	190.84	1.15	45.13
1.663	16.11	55.15	0.69	7.42	189.96	1.17	45.13
1.666	16.11	55.15	0.61	7.26	188.82	1.24	45.13
1.676	16.11	55.15	0.76	7.09	190.31	1.17	45.13
1.687	16.11	55.15	0.61	6.59	190.62	1.21	45.14
1.699	16.11	55.15	0.61	6.5	188.6	1.27	45.13
1.722	16.11	55.15	0.61	6.42	186.47	1.27	45.14
1.74	16.11	55.15	0.65	6.36	185.82	1.27	45.14
1.745	16.11	55.15	0.76	6.2	189.92	1.19	45.13
1.752	16.11	55.15	0.76	6.16	188.42	1.2	45.13
1.773	16.11	55.15	0.57	6.11	185.65	1.23	45.13
1.794	16.11	55.15	0.72	6.08	183.47	1.27	45.14
1.804	16.11	55.15	0.65	6.04	184.36	1.26	45.14
1.809	16.11	55.15	0.61	6.02	186.25	1.27	45.14
1.815	16.11	55.15	0.72	5.99	187.73	1.28	45.14
1.823	16.11	55.15	0.69	5.97	188.95	1.3	45.14
1.831	16.11	55.15	0.65	5.95	186.6	1.37	45.14
1.842	16.11	55.15	0.61	5.94	181.31	1.36	45.14
1.855	16.11	55.15	0.57	5.85	180.68	1.3	45.14
1.875	16.11	55.15	0.72	5.84	179.1	1.29	45.14
1.902	16.11	55.15	0.72	5.82	180.93	1.3	45.14

1.929	16.11	55.15	0.72	5.81	182.96	1.27	45.14
1.945	16.11	55.15	0.61	5.8	184.02	1.24	45.14
1.953	16.11	55.15	0.76	5.78	182.75	1.3	45.14
1.962	16.11	55.15	0.84	5.76	180.14	1.26	45.14
1.984	16.11	55.15	0.72	5.74	177.86	1.33	45.14
2.014	16.11	55.15	0.61	5.72	178.77	1.27	45.14
2.042	16.11	55.15	0.65	5.7	181.31	1.27	45.14
2.058	16.11	55.15	0.61	5.69	180.77	1.31	45.14
2.06	16.11	55.15	0.72	5.68	178.56	1.3	45.14
2.066	16.11	55.15	0.72	5.67	177.16	1.25	45.13
2.08	16.11	55.15	0.69	5.66	175.85	1.26	45.14
2.109	16.11	55.15	0.72	5.67	175.12	1.3	45.14
2.138	16.11	55.15	0.65	5.67	176.18	1.36	45.14
2.159	16.11	55.15	0.8	5.67	176.54	1.37	45.14
2.171	16.1	55.15	0.65	5.67	174.91	1.35	45.14
2.179	16.1	55.15	0.72	5.66	173.86	1.3	45.14
2.188	16.1	55.15	0.8	5.66	173.26	1.31	45.14
2.201	16.1	55.15	0.69	5.67	173.94	1.37	45.14
2.221	16.1	55.15	0.8	5.67	174.27	1.3	45.14
2.244	16.1	55.15	0.69	5.68	174.55	1.24	45.14
2.261	16.1	55.15	0.76	5.68	174.11	1.24	45.14
2.271	16.1	55.15	0.72	5.68	173.42	1.33	45.14
2.278	16.1	55.15	0.5	5.68	173.58	1.37	45.14
2.291	16.1	55.15	0.53	5.67	173.38	1.39	45.14
2.316	16.1	55.15	0.69	5.66	173.38	1.28	45.14
2.337	16.1	55.15	0.69	5.66	172.46	1.28	45.14
2.349	16.1	55.15	0.53	5.67	171.5	1.32	45.14
2.356	16.1	55.15	0.57	5.69	170.87	1.33	45.14
2.361	16.1	55.15	0.46	5.71	171.46	1.29	45.14
2.371	16.1	55.15	0.61	5.74	172.38	1.3	45.14
2.386	16.1	55.15	0.72	5.77	173.14	1.31	45.14
2.402	16.1	55.15	0.8	5.79	173.5	1.34	45.14
2.418	16.1	55.15	0.61	5.81	171.78	1.39	45.14
2.431	16.1	55.15	0.53	5.81	169.84	1.37	45.14
2.448	16.1	55.15	0.69	5.8	169.57	1.39	45.14
2.466	16.1	55.15	0.8	5.79	169.88	1.37	45.14
2.47	16.1	55.15	0.8	5.79	170.71	1.26	45.14
2.477	16.1	55.15	0.8	5.81	170.04	1.28	45.14
2.497	16.1	55.15	0.76	5.85	169.57	1.28	45.14
2.527	16.1	55.15	0.65	5.9	169.29	1.3	45.14
2.548	16.1	55.15	0.76	5.93	170.39	1.29	45.14
2.562	16.1	55.15	0.65	5.96	170.75	1.37	45.14
2.565	16.1	55.15	0.61	6.02	171.3	1.35	45.14
2.576	16.1	55.14	0.72	6.06	170.99	1.35	45.14
2.594	16.1	55.15	0.88	6.11	169.92	1.35	45.14
2.617	16.1	55.15	0.8	6.18	169.17	1.32	45.14
2.638	16.1	55.14	0.8	6.25	170.24	1.38	45.14
2.647	16.1	55.15	0.65	6.42	170.39	1.32	45.14
2.652	16.1	55.14	0.76	6.5	169.8	1.32	45.14
2.664	16.1	55.15	0.72	6.55	170.31	1.4	45.14
2.68	16.1	55.15	0.65	6.6	170.55	1.37	45.14
2.701	16.1	55.14	0.72	6.62	170.39	1.4	45.14
2.717	16.1	55.15	0.92	6.62	169.68	1.36	45.14
2.722	16.1	55.14	0.76	6.59	170.04	1.31	45.14
2.724	16.1	55.14	0.76	6.57	170.08	1.3	45.14
2.737	16.1	55.15	0.84	6.55	170.0	1.39	45.14
2.756	16.1	55.14	0.76	6.54	169.02	1.31	45.14
2.766	16.1	55.14	0.92	6.54	169.33	1.3	45.13

2.775	16.1	55.14	0.61	6.54	169.21	1.41	45.14
2.785	16.1	55.15	0.65	6.53	167.85	1.39	45.14
2.797	16.1	55.14	0.76	6.52	167.3	1.34	45.14
2.811	16.1	55.14	0.99	6.71	166.41	1.32	45.14
2.828	16.1	55.14	0.99	6.73	165.72	1.36	45.14
2.855	16.1	55.14	0.84	6.73	166.45	1.34	45.14
2.879	16.1	55.15	0.72	6.71	168.0	1.46	45.14
2.887	16.1	55.14	0.92	6.52	165.11	1.35	45.14
2.892	16.1	55.14	0.84	6.43	164.99	1.31	45.14
2.912	16.1	55.14	0.76	6.36	165.49	1.37	45.14
2.932	16.1	55.14	0.88	6.28	166.18	1.4	45.14
2.966	16.1	55.14	0.84	6.15	165.37	1.39	45.13
2.994	16.1	55.14	0.69	6.1	164.3	1.37	45.14
3.02	16.1	55.14	0.72	6.06	165.03	1.39	45.14
3.036	16.09	55.14	0.53	6.05	165.83	1.41	45.14
3.049	16.1	55.14	0.61	6.04	166.14	1.36	45.14
3.067	16.1	55.14	0.88	6.05	165.91	1.43	45.14
3.079	16.1	55.14	0.84	6.26	161.7	1.33	45.14
3.085	16.1	55.14	0.88	6.3	161.29	1.3	45.14
3.1	16.1	55.14	0.65	6.35	162.67	1.28	45.13
3.118	16.1	55.14	0.61	6.39	164.88	1.39	45.14
3.131	16.1	55.14	0.69	6.46	165.11	1.46	45.14
3.14	16.1	55.14	0.76	6.54	163.54	1.46	45.13
3.148	16.1	55.14	0.65	6.63	161.62	1.34	45.14
3.15	16.1	55.14	0.61	6.74	161.73	1.46	45.14
3.161	16.1	55.14	0.72	6.85	163.39	1.37	45.13
3.181	16.1	55.14	0.65	6.92	165.57	1.36	45.14
3.205	16.1	55.14	0.84	6.99	165.99	1.42	45.14
3.207	16.1	55.14	0.69	7.04	161.32	1.34	45.13
3.21	16.1	55.14	0.92	7.02	161.1	1.38	45.13
3.224	16.1	55.14	0.69	6.98	162.79	1.36	45.14
3.252	16.1	55.14	0.65	6.91	164.61	1.34	45.14
3.262	16.1	55.14	0.61	6.64	160.47	1.43	45.13
3.276	16.1	55.14	0.88	6.57	161.14	1.43	45.13
3.3	16.1	55.14	0.69	6.52	162.49	1.48	45.14
3.341	16.1	55.14	0.57	6.47	162.71	1.46	45.13
3.365	16.1	55.13	0.72	6.34	160.28	1.37	45.13
3.371	16.1	55.14	0.72	6.3	161.32	1.55	45.13
3.401	16.1	55.14	0.65	6.31	161.88	1.54	45.14
3.408	16.1	55.14	0.69	6.64	159.98	1.39	45.13
3.411	16.1	55.14	0.69	6.76	160.8	1.44	45.14
3.431	16.1	55.14	0.76	6.86	162.11	1.45	45.13
3.454	16.1	55.14	0.84	6.92	162.34	1.44	45.14
3.468	16.1	55.14	0.88	6.85	161.17	1.37	45.13
3.494	16.1	55.14	0.72	6.51	161.32	1.45	45.13
3.495	16.1	55.14	0.84	6.47	160.47	1.4	45.14
3.496	16.1	55.14	0.95	6.39	159.35	1.34	45.13
3.497	16.1	55.14	0.95	6.33	159.76	1.32	45.14
3.521	16.1	55.13	0.8	6.11	160.73	1.37	45.13
3.528	16.1	55.14	0.76	6.12	160.73	1.31	45.13
3.535	16.1	55.14	0.61	6.46	160.43	1.37	45.13
3.544	16.1	55.14	0.72	6.53	160.87	1.36	45.14
3.557	16.09	55.14	0.76	6.59	160.39	1.51	45.13
3.559	16.09	55.13	0.65	6.48	160.39	1.45	45.13
3.567	16.09	55.14	0.72	6.41	159.87	1.37	45.14
3.583	16.09	55.14	0.95	6.33	158.98	1.34	45.14
3.586	16.09	55.14	0.65	5.85	158.32	1.36	45.14
3.587	16.09	55.13	0.65	5.83	158.98	1.35	45.13

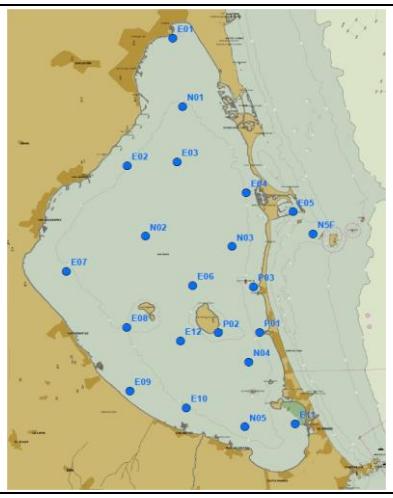
3.591	16.09	55.13	0.53	5.72	158.91	1.37	45.13
3.601	16.09	55.13	0.53	5.7	158.91	1.5	45.13
3.621	16.09	55.13	0.61	5.69	159.98	1.43	45.13
3.622	16.09	55.13	0.8	5.7	159.13	1.37	45.13
3.629	16.09	55.13	0.65	5.72	158.51	1.48	45.13
3.646	16.09	55.13	0.69	5.75	159.65	1.4	45.13
3.656	16.09	55.13	0.76	6.12	158.65	1.34	45.13
3.669	16.09	55.13	0.69	6.26	159.06	1.44	45.13
3.696	16.09	55.14	0.72	6.41	160.21	1.4	45.14
3.714	16.09	55.13	0.57	6.88	157.7	1.36	45.13
3.723	16.09	55.13	0.61	6.88	158.51	1.46	45.14
3.732	16.09	55.13	0.69	6.86	159.02	1.74	45.13
3.74	16.09	55.13	0.76	6.84	157.96	1.65	45.13
3.752	16.09	55.13	0.72	6.82	156.83	1.42	45.13
3.765	16.09	55.13	0.8	6.83	156.83	1.37	45.13
3.775	16.09	55.13	0.65	6.85	157.59	1.35	45.13
3.787	16.09	55.13	0.57	6.86	159.43	1.42	45.13
3.796	16.09	55.13	0.69	6.86	159.83	1.34	45.13
3.805	16.09	55.13	0.61	6.85	158.58	1.36	45.13
3.82	16.09	55.13	0.57	6.51	159.95	1.5	45.13
3.832	16.09	55.13	0.8	6.43	159.35	1.56	45.14
3.835	16.09	55.13	0.72	6.36	158.76	1.52	45.13
3.84	16.09	55.13	0.72	6.4	158.91	1.59	45.14
3.852	16.09	55.13	0.72	6.44	159.21	1.53	45.14
3.859	16.09	55.13	0.69	6.46	158.91	1.39	45.13
3.861	16.09	55.13	0.57	6.42	159.76	1.45	45.13
3.869	16.09	55.13	0.65	6.38	160.47	1.46	45.13
3.88	16.09	55.13	0.69	6.33	160.47	1.42	45.13
3.887	16.09	55.13	0.65	5.99	160.87	1.55	45.13
3.898	16.09	55.13	0.8	5.95	160.84	1.45	45.13
3.93	16.09	55.13	0.76	5.92	161.02	1.41	45.13
3.955	16.09	55.13	0.8	5.88	161.1	1.5	45.13
3.96	16.09	55.13	0.8	5.94	162.86	1.53	45.13
3.981	16.09	55.13	0.65	6.06	164.8	1.41	45.13
4.001	16.09	55.13	0.76	6.75	163.96	1.35	45.13
4.003	16.09	55.13	0.69	6.83	164.11	1.56	45.13
4.017	16.09	55.13	0.92	6.85	165.14	1.55	45.13
4.035	16.09	55.13	0.57	6.4	165.03	1.42	45.13
4.039	16.09	55.13	0.69	6.31	167.69	1.4	45.13
4.064	16.09	55.13	0.61	6.24	168.94	1.47	45.13
4.096	16.09	55.13	0.61	6.09	168.78	1.5	45.13
4.103	16.09	55.13	0.61	6.14	169.88	1.43	45.13
4.123	16.09	55.13	0.53	6.19	169.6	1.52	45.13
4.133	16.09	55.13	0.84	6.42	169.41	1.53	45.13
4.139	16.09	55.13	0.88	6.41	170.04	1.57	45.13
4.153	16.09	55.13	0.61	6.2	170.67	1.5	45.13
4.156	16.09	55.13	0.5	6.15	169.96	1.56	45.13
4.173	16.09	55.13	0.57	6.11	170.95	1.56	45.13
4.178	16.09	55.13	0.61	5.9	169.29	1.53	45.13
4.192	16.09	55.13	0.65	5.87	171.5	1.6	45.13
4.211	16.09	55.13	0.88	5.84	172.9	1.42	45.13
4.219	16.09	55.13	0.84	5.8	172.98	1.43	45.13
4.22	16.09	55.13	0.5	5.71	171.7	1.47	45.13
4.229	16.09	55.13	0.57	5.69	173.06	1.42	45.13
4.247	16.09	55.13	0.61	5.67	172.82	1.46	45.13
4.267	16.09	55.13	0.69	5.65	172.86	1.43	45.13
4.281	16.09	55.13	0.57	5.6	172.82	1.53	45.13
4.286	16.09	55.13	0.65	5.59	174.19	1.52	45.13

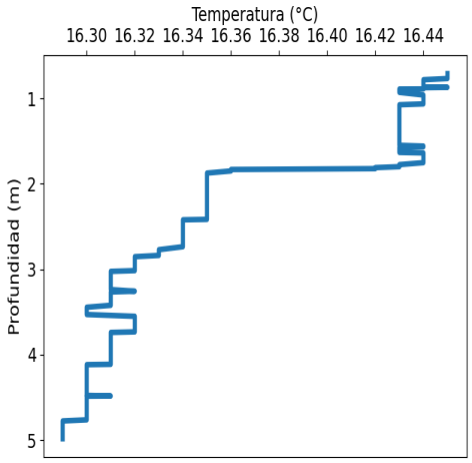
4.294	16.09	55.13	0.72	5.58	174.11	1.5	45.13
4.308	16.09	55.13	0.65	5.59	171.9	1.53	45.13
4.321	16.09	55.13	0.5	5.6	170.67	1.46	45.13
4.329	16.09	55.13	0.69	5.61	171.3	1.53	45.13
4.332	16.09	55.13	0.61	5.61	172.9	1.52	45.13
4.344	16.09	55.13	0.61	5.61	172.22	1.43	45.13
4.365	16.09	55.13	0.72	5.6	171.42	1.41	45.13
4.382	16.09	55.13	0.72	5.6	173.22	1.38	45.13
4.386	16.09	55.13	0.57	5.64	174.96	1.53	45.13
4.388	16.09	55.13	0.57	5.67	174.03	1.5	45.13
4.403	16.09	55.13	0.72	5.72	172.22	1.59	45.13
4.42	16.09	55.13	0.53	5.77	173.1	1.4	45.13
4.424	16.09	55.13	0.69	6.08	173.7	1.46	45.13
4.427	16.09	55.13	0.72	6.31	175.97	1.53	45.13
4.43	16.09	55.13	0.65	6.32	178.39	1.5	45.13
4.448	16.09	55.13	0.57	6.32	175.81	1.47	45.13
4.482	16.09	55.13	0.61	6.32	176.87	1.42	45.13
4.527	16.09	55.13	0.53	6.31	174.35	1.41	45.13
4.555	16.09	55.13	0.65	6.25	178.48	1.43	45.13
4.571	16.09	55.13	0.61	6.21	175.61	1.52	45.13
4.572	16.09	55.13	0.69	6.08	180.06	1.55	45.13
4.582	16.09	55.13	0.65	6.07	181.19	1.53	45.13
4.601	16.09	55.13	0.65	6.08	175.04	1.63	45.13
4.616	16.09	55.13	0.69	6.1	175.69	1.59	45.13
4.624	16.09	55.13	0.57	6.13	180.68	1.48	45.13
4.63	16.09	55.13	0.57	6.14	183.09	1.52	45.13
4.635	16.09	55.13	0.61	6.16	180.81	1.5	45.13
4.651	16.09	55.13	0.53	6.17	179.43	1.43	45.13
4.663	16.09	55.13	0.69	6.18	175.73	1.56	45.13
4.672	16.09	55.13	0.65	6.42	176.75	1.4	45.13
4.675	16.09	55.13	0.65	6.23	175.4	1.5	45.13
4.679	16.09	55.13	0.53	6.2	175.04	1.55	45.13
4.68	16.09	55.13	0.88	6.02	175.12	1.8	45.13
4.681	16.09	55.13	0.53	5.88	172.02	1.59	45.13
4.682	16.09	55.12	0.76	5.53	173.58	1.56	45.13
4.685	16.09	55.13	0.76	5.52	172.3	1.46	45.13
4.699	16.09	55.13	0.84	5.5	169.68	1.45	45.13
4.701	16.09	55.12	0.76	5.47	172.22	1.56	45.13
4.726	16.09	55.12	0.88	5.58	178.19	1.5	45.13
4.744	16.09	55.12	0.84	5.62	179.89	1.49	45.13
4.784	16.09	55.12	0.72	5.67	181.52	1.43	45.13
4.814	16.09	55.12	0.65	6.02	181.57	1.45	45.13
4.827	16.09	55.12	0.57	6.16	181.4	1.46	45.13
4.849	16.09	55.12	0.65	6.31	179.18	1.46	45.13
4.852	16.09	55.12	0.57	6.83	180.93	1.54	45.13
4.87	16.09	55.12	0.53	6.92	181.52	1.5	45.13
4.897	16.09	55.12	0.65	6.97	181.4	1.4	45.13
4.914	16.09	55.12	0.92	6.95	185.01	1.37	45.13
4.921	16.09	55.12	0.72	6.92	183.26	1.39	45.13
4.941	16.09	55.12	0.5	6.89	182.62	1.34	45.13
4.966	16.09	55.12	0.65	6.92	181.4	1.45	45.13
4.983	16.09	55.12	0.65	6.94	182.45	1.4	45.13
5.018	16.09	55.12	0.72	6.97	185.56	1.43	45.13
5.047	16.09	55.12	0.57	7.0	185.78	1.4	45.13
5.048	16.09	55.12	0.65	6.99	187.16	1.5	45.13
5.056	16.09	55.12	0.69	6.98	189.17	1.55	45.13
5.077	16.09	55.12	0.72	6.97	193.16	1.45	45.13
5.083	16.09	55.12	0.69	7.04	190.05	1.41	45.13

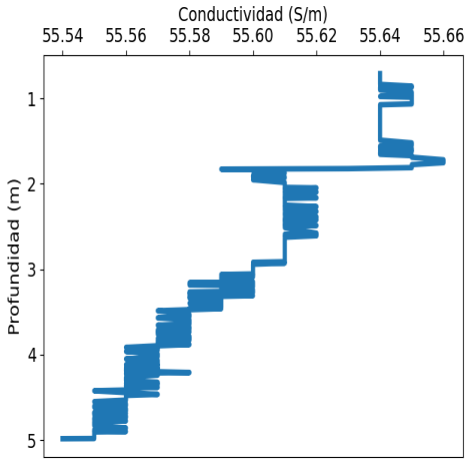
5.09	16.09	55.12	0.57	7.09	191.82	1.46	45.13
5.111	16.09	55.12	0.72	7.14	190.18	1.5	45.13
5.135	16.09	55.12	0.72	7.41	190.09	1.46	45.13
5.142	16.09	55.12	0.8	7.43	188.12	1.67	45.13
5.154	16.09	55.12	0.69	7.46	189.56	1.47	45.13
5.167	16.09	55.12	0.65	7.63	190.0	1.49	45.13
5.175	16.09	55.12	0.65	7.67	191.02	1.38	45.13
5.186	16.09	55.12	0.69	7.71	195.23	1.47	45.13
5.189	16.09	55.12	0.69	7.73	192.66	1.46	45.13
5.192	16.09	55.12	0.69	7.73	195.32	1.59	45.13
5.203	16.09	55.12	0.57	7.71	197.5	1.47	45.13
5.219	16.09	55.12	0.76	7.69	195.68	1.46	45.13
5.226	16.09	55.12	0.65	7.66	194.77	1.56	45.13
5.229	16.09	55.12	0.69	7.66	192.08	1.48	45.13
5.241	16.09	55.12	0.76	7.66	195.36	1.53	45.13
5.255	16.09	55.12	0.76	7.65	199.11	1.43	45.13
5.27	16.09	55.12	0.8	7.66	198.33	1.61	45.13
5.285	16.09	55.12	0.61	7.67	195.32	1.56	45.13
5.299	16.09	55.13	0.69	7.88	195.91	1.47	45.13
5.308	16.09	55.13	0.69	7.92	194.32	1.56	45.13
5.321	16.09	55.13	0.72	7.96	196.68	1.37	45.13
5.322	16.09	55.13	0.65	7.96	199.2	1.44	45.13
5.323	16.09	55.13	0.65	7.93	199.67	1.56	45.13
5.337	16.09	55.13	0.65	7.9	199.57	1.6	45.13
5.353	16.09	55.13	0.69	7.87	197.09	1.69	45.13
5.361	16.09	55.13	0.76	7.83	195.18	1.45	45.13
5.362	16.09	55.13	0.72	7.84	197.87	1.37	45.13
5.377	16.09	55.13	0.76	7.86	200.31	1.56	45.13
5.39	16.09	55.13	0.72	7.87	201.38	1.53	45.13
5.393	16.09	55.13	0.76	7.89	196.5	1.47	45.13
5.397	16.09	55.13	0.61	7.92	190.36	1.53	45.13
5.402	16.09	55.13	0.69	7.95	194.28	1.74	45.13
5.41	16.09	55.13	0.57	7.97	198.01	1.75	45.13
5.422	16.09	55.13	0.69	7.96	201.52	1.57	45.13
5.434	16.09	55.13	0.57	7.97	197.09	1.54	45.13
5.44	16.09	55.13	0.5	7.99	194.32	1.44	45.13
5.445	16.1	55.13	0.57	7.99	194.64	1.43	45.13
5.451	16.1	55.13	0.61	7.98	197.59	1.46	45.13
5.456	16.1	55.13	0.72	7.98	198.79	1.59	45.13
5.47	16.1	55.13	0.57	7.98	197.09	1.49	45.13
5.483	16.1	55.13	0.65	7.98	195.09	1.49	45.13
5.487	16.1	55.13	0.65	7.98	195.41	1.46	45.13
5.491	16.1	55.13	0.72	7.99	197.18	1.63	45.13
5.502	16.1	55.13	0.5	7.99	196.45	1.66	45.13
5.52	16.1	55.13	0.65	7.99	196.68	1.75	45.13
5.545	16.1	55.13	0.65	7.98	197.87	1.6	45.13
5.571	16.1	55.13	0.57	7.98	199.16	1.59	45.13
5.576	16.1	55.13	0.53	8.02	194.28	1.71	45.13
5.586	16.1	55.13	0.61	8.05	198.01	1.51	45.13
5.608	16.09	55.13	0.65	8.09	196.27	1.5	45.13
5.629	16.09	55.13	0.65	8.11	198.01	1.65	45.13
5.647	16.09	55.14	0.65	8.14	192.4	1.54	45.14
5.66	16.1	55.18	0.5	8.16	188.69	1.4	45.16
5.661	16.11	55.17	0.53	8.18	192.93	1.36	45.15
5.663	16.12	55.18	0.57	8.21	194.01	1.44	45.15
5.671	16.13	55.17	0.65	8.24	193.69	1.56	45.13
5.678	16.12	55.16	0.57	8.27	192.08	1.51	45.12
5.681	16.12	55.15	0.69	8.34	191.86	1.44	45.12

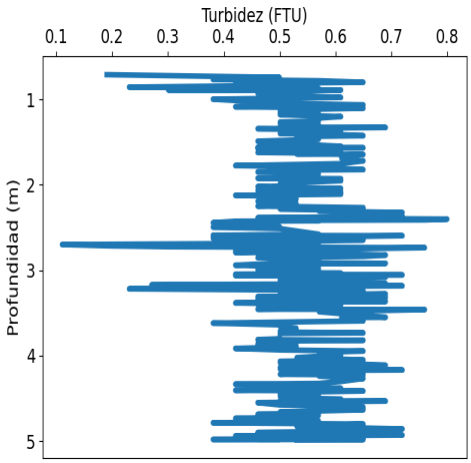
5.682	16.12	55.15	0.57	8.35	190.62	1.43	45.12
5.689	16.11	55.15	0.61	8.35	194.37	1.51	45.13
5.7	16.11	55.15	0.76	8.34	196.54	1.51	45.13
5.706	16.11	55.15	0.61	8.33	200.64	1.37	45.12
5.709	16.11	55.15	0.53	8.32	196.0	1.45	45.12
5.71	16.11	55.15	0.61	8.33	194.59	1.46	45.13
5.711	16.11	55.15	0.72	8.33	196.5	1.56	45.13
5.712	16.11	55.15	0.69	8.33	198.65	1.53	45.13
5.713	16.11	55.15	0.72	8.33	198.65	1.45	45.13
5.714	16.11	55.15	0.65	8.34	199.48	1.44	45.13

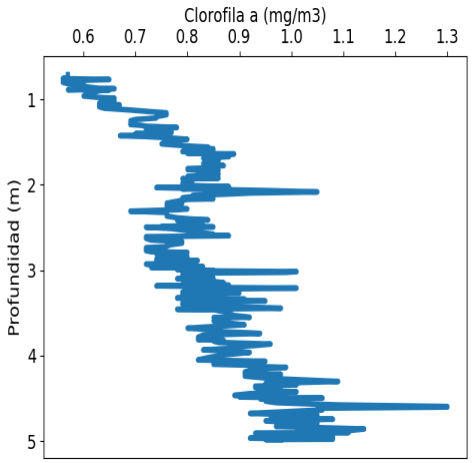
Nombre: CTD E10 - Punto 019 **Fecha: 28/11/2023** **Hora: 12:11:59**

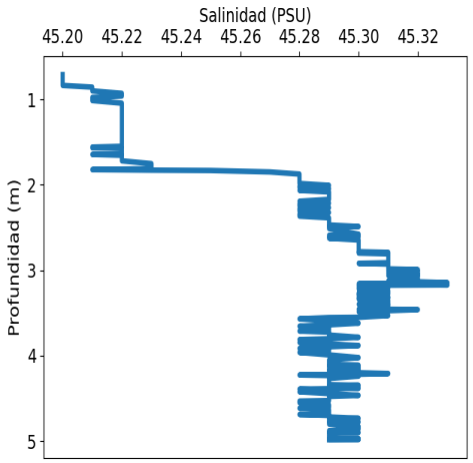


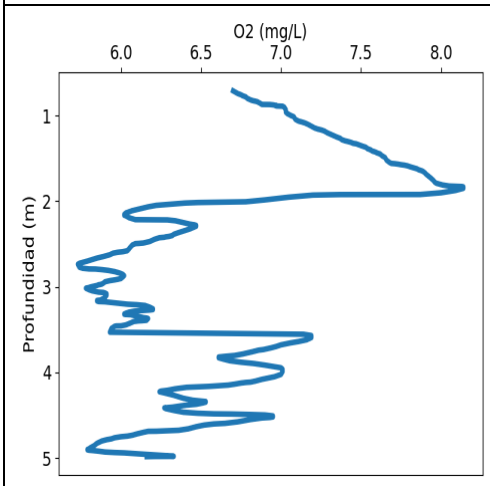


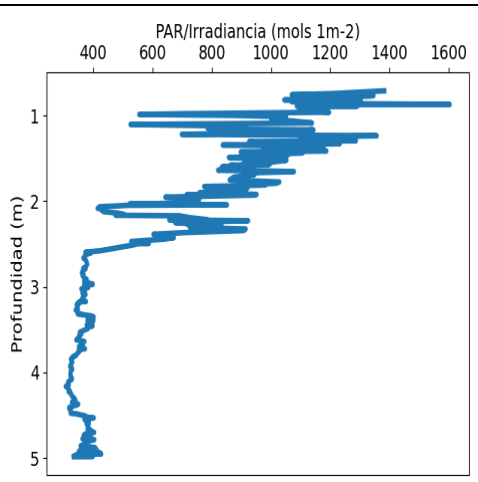












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.29	55.54	0.11	5.73	307.49	0.56	45.2
PROF (metros)	4.776	4.984	2.699	2.736	4.163	0.756	0.71
MÁXIMO	16.45	16.45	0.8	8.14	1603.3	1.3	45.33
PROF (metros)	0.71	1.719	2.401	1.832	0.869	4.595	3.146

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	16.44	55.64	0.47	6.91	1152.97	0.61	45.21
1 - 2m	16.42	55.64	0.55	7.59	965.16	0.77	45.23
2 - 3m	16.34	55.61	0.53	6.09	519.44	0.79	45.3
3 - 4m	16.31	55.59	0.54	6.3	360.1	0.85	45.3
4 - 5m	16.3	55.56	0.55	6.36	354.57	0.98	45.29

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)
0.71	16.45	55.64	0.19	6.7	1382.3	0.57	45.2
0.742	16.45	55.64	0.5	6.73	1209.8	0.57	45.2
0.756	16.45	55.64	0.38	6.75	1070.2	0.56	45.2
0.767	16.45	55.64	0.38	6.76	1345.9	0.65	45.2
0.781	16.44	55.64	0.57	6.78	1278.4	0.57	45.2
0.799	16.44	55.64	0.65	6.79	1296.6	0.56	45.2
0.816	16.44	55.64	0.42	6.81	1044.7	0.57	45.2
0.823	16.44	55.64	0.53	6.82	1303.0	0.6	45.2
0.836	16.44	55.64	0.5	6.85	1069.0	0.59	45.2
0.856	16.44	55.65	0.23	6.87	1123.3	0.61	45.21
0.869	16.44	55.64	0.57	6.88	1603.3	0.63	45.21
0.87	16.45	55.65	0.57	6.93	1116.1	0.63	45.21
0.874	16.44	55.64	0.38	6.95	1285.6	0.66	45.21
0.881	16.44	55.64	0.5	6.97	1244.2	0.6	45.21
0.887	16.44	55.64	0.46	6.97	1101.7	0.57	45.21
0.888	16.44	55.64	0.42	6.99	1291.8	0.64	45.21
0.889	16.44	55.64	0.3	7.0	1200.3	0.65	45.21
0.89	16.43	55.64	0.61	7.01	1087.2	0.64	45.21
0.9	16.43	55.64	0.57	7.02	1173.9	0.63	45.21
0.929	16.43	55.65	0.46	7.03	1096.6	0.61	45.22
0.96	16.44	55.65	0.5	7.03	1196.4	0.6	45.22
0.977	16.44	55.64	0.61	7.04	715.7	0.63	45.21
0.986	16.44	55.65	0.5	7.05	555.41	0.66	45.21
0.997	16.44	55.65	0.38	7.06	879.87	0.65	45.21
1.013	16.44	55.65	0.42	7.08	1051.1	0.66	45.21
1.044	16.44	55.65	0.5	7.09	1000.9	0.63	45.22
1.064	16.44	55.65	0.65	7.11	1077.4	0.67	45.22
1.074	16.43	55.64	0.53	7.13	1106.0	0.63	45.22
1.086	16.43	55.64	0.42	7.15	1138.5	0.63	45.22
1.103	16.43	55.64	0.65	7.17	526.09	0.64	45.22
1.124	16.43	55.64	0.5	7.19	915.65	0.69	45.22
1.144	16.43	55.64	0.53	7.21	785.23	0.73	45.22
1.157	16.43	55.64	0.5	7.23	818.49	0.76	45.22
1.166	16.43	55.64	0.57	7.25	1143.6	0.76	45.22
1.179	16.43	55.64	0.5	7.27	1090.8	0.76	45.22
1.201	16.43	55.64	0.61	7.29	1018.2	0.74	45.22
1.218	16.43	55.64	0.57	7.31	698.82	0.74	45.22

1.235	16.43	55.64	0.57	7.33	1356.9	0.7	45.22
1.251	16.43	55.64	0.57	7.35	1105.3	0.69	45.22
1.265	16.43	55.64	0.5	7.37	1101.2	0.7	45.22
1.281	16.43	55.64	0.5	7.38	1097.9	0.69	45.22
1.294	16.43	55.64	0.57	7.4	1286.8	0.69	45.22
1.303	16.43	55.64	0.53	7.42	926.11	0.71	45.22
1.314	16.43	55.64	0.53	7.44	952.45	0.72	45.22
1.323	16.43	55.64	0.5	7.45	1183.5	0.76	45.22
1.329	16.43	55.64	0.69	7.47	1232.2	0.78	45.22
1.343	16.43	55.64	0.46	7.49	837.1	0.73	45.22
1.357	16.43	55.64	0.57	7.51	1127.5	0.72	45.22
1.369	16.43	55.64	0.57	7.53	1177.2	0.73	45.22
1.385	16.43	55.64	0.61	7.54	972.76	0.77	45.22
1.4	16.43	55.64	0.5	7.56	1105.5	0.7	45.22
1.413	16.43	55.64	0.61	7.57	1187.1	0.73	45.22
1.425	16.43	55.64	0.65	7.59	897.79	0.67	45.22
1.435	16.43	55.64	0.53	7.6	1107.1	0.72	45.22
1.448	16.43	55.64	0.57	7.62	1029.1	0.76	45.22
1.467	16.43	55.64	0.57	7.63	1055.4	0.8	45.22
1.489	16.43	55.64	0.46	7.65	857.92	0.76	45.22
1.521	16.43	55.65	0.53	7.66	1052.3	0.75	45.22
1.549	16.43	55.65	0.61	7.68	990.5	0.81	45.22
1.558	16.44	55.64	0.53	7.69	995.1	0.84	45.21
1.561	16.44	55.64	0.46	7.71	906.78	0.82	45.21
1.566	16.44	55.64	0.65	7.73	996.26	0.82	45.21
1.573	16.43	55.64	0.46	7.75	992.34	0.82	45.22
1.578	16.43	55.64	0.5	7.77	863.1	0.85	45.22
1.586	16.43	55.65	0.61	7.79	915.87	0.85	45.22
1.599	16.43	55.65	0.5	7.81	834.58	0.82	45.22
1.61	16.43	55.64	0.5	7.83	939.08	0.79	45.22
1.621	16.43	55.65	0.46	7.85	867.72	0.82	45.22
1.632	16.43	55.64	0.61	7.86	832.46	0.8	45.22
1.638	16.44	55.64	0.53	7.87	821.53	0.89	45.22
1.644	16.44	55.64	0.65	7.88	957.54	0.85	45.21
1.654	16.44	55.64	0.61	7.89	1077.7	0.86	45.22
1.67	16.44	55.65	0.61	7.9	910.58	0.88	45.22
1.689	16.44	55.65	0.61	7.91	944.76	0.83	45.22
1.719	16.44	55.66	0.65	7.93	874.38	0.86	45.22
1.752	16.44	55.66	0.61	7.95	860.51	0.83	45.23
1.775	16.43	55.65	0.42	7.96	1028.4	0.87	45.23
1.789	16.43	55.65	0.57	7.97	1018.2	0.84	45.23
1.799	16.43	55.65	0.53	7.99	968.48	0.85	45.23
1.81	16.42	55.65	0.61	8.01	981.13	0.8	45.23
1.822	16.42	55.63	0.65	8.05	860.71	0.8	45.21
1.828	16.38	55.59	0.53	8.13	774.38	0.85	45.23
1.832	16.36	55.6	0.57	8.14	849.41	0.86	45.25
1.849	16.36	55.6	0.46	8.14	920.55	0.82	45.27
1.874	16.35	55.61	0.57	8.09	895.51	0.86	45.28
1.901	16.35	55.6	0.53	8.0	758.22	0.8	45.28
1.921	16.35	55.6	0.5	7.87	951.79	0.82	45.28
1.922	16.35	55.61	0.46	7.37	715.87	0.86	45.28
1.928	16.35	55.61	0.61	7.2	941.26	0.79	45.28
1.952	16.35	55.6	0.61	7.05	643.62	0.81	45.28
1.984	16.35	55.61	0.5	6.9	757.69	0.79	45.28
2.006	16.35	55.61	0.53	6.78	736.23	0.8	45.29
2.015	16.35	55.61	0.5	6.48	681.7	0.84	45.28
2.021	16.35	55.61	0.46	6.4	721.36	0.88	45.28
2.032	16.35	55.61	0.5	6.33	523.17	0.74	45.28

2.042	16.35	55.61	0.61	6.27	851.97	0.81	45.29
2.048	16.35	55.62	0.53	6.22	516.54	0.79	45.29
2.065	16.35	55.61	0.46	6.17	421.72	0.94	45.28
2.083	16.35	55.61	0.61	6.13	415.23	1.05	45.29
2.096	16.35	55.62	0.61	6.1	433.42	0.92	45.29
2.11	16.35	55.61	0.61	6.07	430.01	0.87	45.29
2.123	16.35	55.61	0.42	6.05	437.55	0.81	45.29
2.137	16.35	55.61	0.53	6.03	481.06	0.81	45.29
2.154	16.35	55.61	0.53	6.02	504.82	0.79	45.29
2.164	16.35	55.62	0.53	6.02	475.63	0.85	45.29
2.17	16.35	55.61	0.53	6.03	691.41	0.8	45.29
2.192	16.35	55.61	0.46	6.05	725.89	0.78	45.28
2.215	16.35	55.61	0.5	6.09	785.23	0.76	45.29
2.218	16.35	55.61	0.53	6.29	656.88	0.79	45.28
2.228	16.35	55.61	0.53	6.34	923.33	0.76	45.28
2.249	16.35	55.61	0.46	6.39	676.51	0.76	45.28
2.267	16.35	55.62	0.65	6.43	736.57	0.76	45.29
2.276	16.35	55.61	0.65	6.46	720.19	0.79	45.28
2.282	16.35	55.61	0.5	6.47	833.23	0.8	45.28
2.292	16.35	55.61	0.57	6.47	786.5	0.78	45.28
2.308	16.35	55.61	0.57	6.45	727.07	0.69	45.28
2.324	16.35	55.62	0.72	6.43	914.81	0.76	45.29
2.342	16.35	55.61	0.65	6.4	908.89	0.76	45.28
2.366	16.35	55.61	0.72	6.36	711.73	0.76	45.28
2.386	16.35	55.62	0.46	6.33	603.46	0.78	45.29
2.401	16.35	55.61	0.8	6.32	630.33	0.81	45.29
2.411	16.35	55.61	0.76	6.3	635.17	0.84	45.29
2.416	16.35	55.61	0.5	6.28	618.47	0.78	45.29
2.421	16.34	55.62	0.57	6.27	663.0	0.82	45.29
2.426	16.34	55.61	0.42	6.24	672.6	0.82	45.29
2.444	16.34	55.61	0.38	6.21	636.65	0.8	45.29
2.47	16.34	55.61	0.46	6.18	528.53	0.83	45.29
2.488	16.34	55.62	0.5	6.14	533.7	0.75	45.3
2.493	16.34	55.61	0.38	6.11	588.4	0.85	45.29
2.495	16.34	55.61	0.38	6.09	551.69	0.72	45.29
2.512	16.34	55.61	0.5	6.07	533.95	0.77	45.29
2.578	16.34	55.62	0.57	6.04	425.06	0.85	45.3
2.59	16.34	55.61	0.38	6.01	391.85	0.85	45.29
2.596	16.34	55.61	0.72	5.98	373.93	0.88	45.29
2.607	16.34	55.62	0.61	5.95	391.85	0.72	45.3
2.625	16.34	55.61	0.38	5.93	373.32	0.72	45.29
2.646	16.34	55.61	0.65	5.89	372.37	0.73	45.3
2.664	16.34	55.61	0.53	5.85	367.31	0.79	45.3
2.682	16.34	55.61	0.57	5.82	374.27	0.79	45.3
2.699	16.34	55.61	0.11	5.79	376.97	0.77	45.3
2.714	16.34	55.61	0.19	5.76	378.46	0.76	45.3
2.725	16.34	55.61	0.3	5.74	379.16	0.76	45.3
2.736	16.34	55.61	0.76	5.73	380.48	0.72	45.3
2.771	16.33	55.61	0.42	5.74	373.67	0.72	45.3
2.783	16.33	55.61	0.46	5.76	366.38	0.73	45.3
2.791	16.33	55.61	0.42	5.8	374.79	0.8	45.31
2.792	16.33	55.61	0.5	5.84	369.79	0.79	45.3
2.799	16.33	55.61	0.46	5.88	368.68	0.77	45.3
2.808	16.33	55.61	0.61	5.92	366.55	0.74	45.31
2.822	16.33	55.61	0.69	5.96	363.67	0.78	45.31
2.838	16.33	55.61	0.65	5.99	361.99	0.8	45.31
2.853	16.32	55.61	0.46	6.01	367.99	0.79	45.31
2.869	16.32	55.61	0.5	6.02	364.68	0.74	45.31

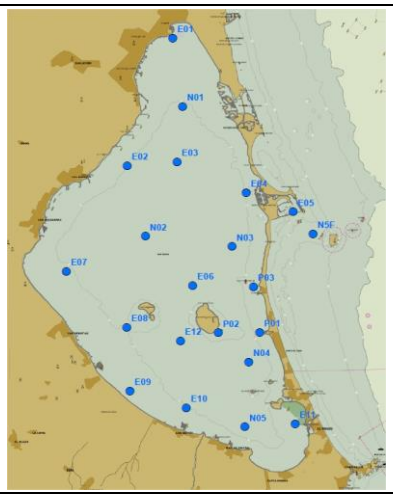
2.887	16.32	55.61	0.57	6.01	367.57	0.82	45.31
2.903	16.32	55.61	0.53	6.0	372.8	0.74	45.31
2.912	16.32	55.61	0.53	5.98	378.72	0.78	45.31
2.919	16.32	55.6	0.69	5.96	378.81	0.77	45.3
2.928	16.32	55.61	0.46	5.93	379.25	0.72	45.31
2.941	16.32	55.6	0.42	5.9	369.62	0.76	45.31
2.957	16.32	55.6	0.5	5.89	386.08	0.83	45.31
2.968	16.32	55.6	0.57	5.88	399.37	0.73	45.31
2.973	16.32	55.6	0.57	5.87	398.63	0.79	45.31
2.976	16.32	55.6	0.57	5.86	374.53	0.79	45.31
2.984	16.32	55.6	0.5	5.85	369.45	0.83	45.31
2.993	16.32	55.6	0.46	5.83	376.19	0.78	45.32
3.001	16.32	55.6	0.57	5.81	372.63	0.85	45.31
3.008	16.32	55.6	0.5	5.8	383.94	0.85	45.31
3.016	16.32	55.6	0.5	5.78	374.62	1.01	45.32
3.025	16.31	55.6	0.5	5.79	360.15	0.99	45.32
3.034	16.31	55.6	0.61	5.8	362.74	0.8	45.31
3.047	16.31	55.6	0.42	5.82	368.51	0.79	45.32
3.055	16.31	55.6	0.72	5.84	371.59	0.82	45.32
3.062	16.31	55.59	0.42	5.86	372.28	0.82	45.31
3.066	16.31	55.6	0.57	5.89	364.43	0.81	45.32
3.072	16.31	55.6	0.61	5.9	363.75	0.79	45.32
3.081	16.31	55.59	0.69	5.91	369.53	0.79	45.32
3.089	16.31	55.6	0.57	5.91	374.79	0.85	45.32
3.099	16.31	55.59	0.5	5.91	370.65	0.78	45.32
3.124	16.31	55.59	0.5	5.9	364.68	0.84	45.31
3.146	16.31	55.6	0.65	5.88	366.29	0.87	45.33
3.155	16.31	55.59	0.69	5.87	368.85	0.85	45.32
3.159	16.31	55.58	0.61	5.85	360.31	0.82	45.3
3.166	16.31	55.6	0.38	5.85	357.9	0.79	45.32
3.172	16.31	55.6	0.27	5.86	376.19	0.8	45.33
3.175	16.31	55.59	0.53	5.9	354.1	0.88	45.31
3.183	16.31	55.58	0.72	5.94	350.76	0.74	45.3
3.192	16.31	55.6	0.46	5.99	352.96	0.87	45.31
3.203	16.31	55.6	0.53	6.04	345.11	0.88	45.31
3.209	16.31	55.59	0.46	6.1	349.94	1.01	45.3
3.218	16.31	55.59	0.23	6.15	345.03	0.89	45.3
3.238	16.31	55.6	0.65	6.18	347.52	0.8	45.31
3.257	16.32	55.6	0.5	6.2	348.24	0.79	45.31
3.266	16.31	55.58	0.53	6.2	349.05	0.9	45.3
3.271	16.31	55.58	0.5	6.18	340.98	0.85	45.3
3.274	16.31	55.6	0.5	6.15	342.24	0.85	45.31
3.278	16.31	55.59	0.69	6.12	345.35	0.79	45.31
3.285	16.31	55.58	0.65	6.08	348.16	0.82	45.3
3.296	16.31	55.58	0.61	6.05	348.41	0.82	45.3
3.309	16.31	55.6	0.46	6.03	347.6	0.87	45.31
3.317	16.31	55.59	0.69	6.02	348.41	0.83	45.31
3.321	16.31	55.58	0.5	6.02	360.9	0.81	45.3
3.323	16.31	55.59	0.65	6.03	358.4	0.78	45.31
3.326	16.31	55.59	0.53	6.06	365.44	0.78	45.31
3.338	16.31	55.58	0.46	6.09	392.39	0.91	45.3
3.351	16.31	55.59	0.5	6.12	402.25	0.83	45.31
3.36	16.31	55.59	0.5	6.14	391.4	0.95	45.31
3.365	16.31	55.59	0.69	6.16	384.12	0.85	45.31
3.371	16.31	55.59	0.5	6.17	382.25	0.81	45.31
3.383	16.31	55.59	0.42	6.16	401.78	0.79	45.31
3.391	16.31	55.59	0.5	6.16	386.62	0.83	45.31
3.396	16.31	55.59	0.46	6.13	380.84	0.85	45.31

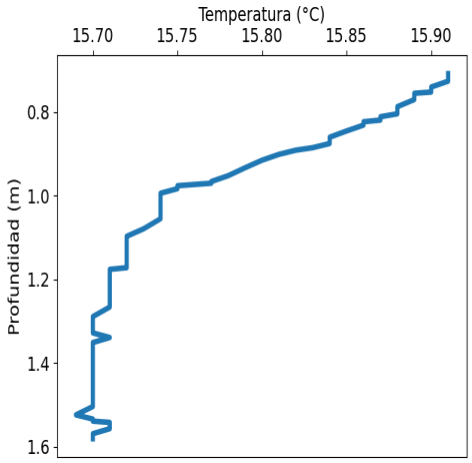
3.398	16.31	55.58	0.57	6.11	400.39	0.79	45.3
3.405	16.31	55.59	0.61	6.08	398.07	0.9	45.31
3.422	16.31	55.59	0.53	6.06	397.61	0.88	45.31
3.445	16.3	55.59	0.57	6.03	378.37	0.98	45.31
3.456	16.3	55.58	0.46	6.0	394.86	0.82	45.3
3.457	16.3	55.58	0.57	5.97	398.54	0.78	45.31
3.461	16.3	55.59	0.76	5.96	380.31	0.85	45.32
3.486	16.3	55.57	0.57	5.94	383.49	0.87	45.3
3.53	16.3	55.58	0.65	5.93	355.34	0.89	45.31
3.551	16.32	55.58	0.69	7.03	355.91	0.92	45.3
3.554	16.32	55.58	0.61	7.14	360.65	0.85	45.29
3.569	16.32	55.57	0.61	7.19	353.2	0.88	45.28
3.593	16.32	55.58	0.65	7.19	353.37	0.85	45.29
3.619	16.32	55.58	0.38	7.16	343.28	0.88	45.3
3.639	16.32	55.58	0.5	7.11	371.25	0.91	45.29
3.655	16.32	55.57	0.5	7.06	364.68	0.86	45.28
3.678	16.32	55.58	0.53	7.0	364.6	0.8	45.29
3.697	16.32	55.58	0.53	6.97	352.06	0.85	45.29
3.712	16.32	55.57	0.5	6.94	353.69	0.85	45.28
3.724	16.32	55.57	0.5	6.91	372.97	0.88	45.29
3.733	16.32	55.58	0.65	6.89	351.98	0.92	45.29
3.74	16.31	55.57	0.5	6.86	355.09	0.94	45.29
3.759	16.31	55.57	0.5	6.82	352.88	0.83	45.29
3.785	16.31	55.58	0.5	6.76	344.39	0.82	45.3
3.802	16.31	55.58	0.5	6.71	342.64	0.83	45.29
3.812	16.31	55.57	0.46	6.65	333.09	0.82	45.28
3.82	16.31	55.58	0.65	6.61	334.17	0.87	45.29
3.829	16.31	55.58	0.5	6.61	329.17	0.85	45.29
3.845	16.31	55.57	0.53	6.64	324.85	0.86	45.28
3.864	16.31	55.57	0.46	6.68	328.33	0.96	45.29
3.881	16.31	55.58	0.53	6.75	330.01	0.93	45.3
3.896	16.31	55.57	0.53	6.83	327.19	0.88	45.29
3.915	16.31	55.56	0.42	6.9	323.35	0.88	45.28
3.933	16.31	55.57	0.5	6.96	322.53	0.83	45.29
3.946	16.31	55.57	0.65	7.0	328.11	0.89	45.29
3.962	16.31	55.56	0.57	7.01	330.01	0.92	45.28
3.991	16.31	55.57	0.61	7.01	324.18	0.87	45.29
4.023	16.31	55.57	0.53	7.0	323.72	0.84	45.3
4.05	16.31	55.56	0.65	6.96	324.48	0.82	45.29
4.066	16.31	55.57	0.5	6.92	328.64	0.95	45.29
4.081	16.31	55.57	0.5	6.88	328.56	0.85	45.29
4.101	16.31	55.57	0.65	6.84	319.11	0.85	45.29
4.113	16.31	55.57	0.69	6.81	316.16	0.93	45.3
4.117	16.3	55.56	0.61	6.78	318.44	0.92	45.29
4.124	16.3	55.57	0.61	6.75	315.21	0.92	45.29
4.137	16.3	55.57	0.5	6.71	318.07	0.99	45.3
4.148	16.3	55.57	0.57	6.67	318.29	0.95	45.3
4.156	16.3	55.56	0.5	6.61	312.01	0.93	45.29
4.163	16.3	55.57	0.61	6.55	307.49	0.95	45.3
4.168	16.3	55.57	0.72	6.48	311.0	0.95	45.3
4.174	16.3	55.56	0.53	6.41	312.59	0.92	45.29
4.191	16.3	55.56	0.65	6.34	315.65	0.91	45.29
4.209	16.3	55.58	0.53	6.29	320.66	0.91	45.31
4.218	16.3	55.56	0.5	6.25	319.11	0.98	45.3
4.226	16.3	55.56	0.65	6.24	317.48	0.91	45.28
4.239	16.3	55.57	0.57	6.27	324.48	0.91	45.3
4.267	16.3	55.56	0.65	6.33	327.19	0.96	45.29
4.302	16.3	55.56	0.61	6.39	336.89	1.09	45.29

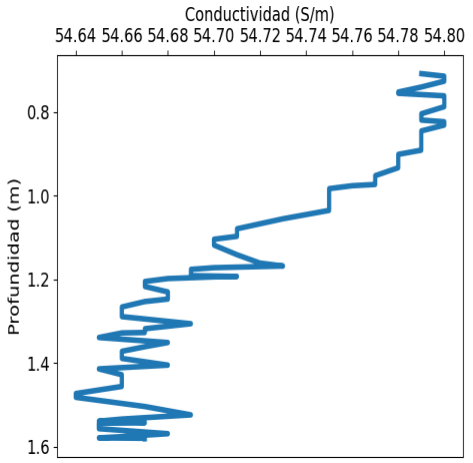
4.325	16.3	55.57	0.57	6.45	340.66	0.95	45.29
4.334	16.3	55.56	0.42	6.5	333.32	0.96	45.29
4.34	16.3	55.56	0.53	6.53	332.47	1.01	45.29
4.347	16.3	55.57	0.46	6.53	328.64	0.99	45.3
4.357	16.3	55.56	0.5	6.51	342.64	0.93	45.29
4.372	16.3	55.56	0.46	6.47	350.27	0.93	45.29
4.382	16.3	55.57	0.61	6.41	343.36	0.94	45.3
4.392	16.3	55.56	0.53	6.37	334.17	0.94	45.28
4.406	16.3	55.56	0.42	6.32	320.22	0.98	45.29
4.414	16.3	55.56	0.65	6.27	324.55	0.94	45.29
4.423	16.3	55.55	0.57	6.28	319.33	1.01	45.28
4.444	16.3	55.56	0.5	6.33	325.53	0.92	45.29
4.465	16.3	55.57	0.57	6.39	324.48	0.89	45.3
4.477	16.3	55.56	0.5	6.48	324.18	0.95	45.29
4.484	16.31	55.56	0.53	6.58	343.36	0.9	45.29
4.486	16.3	55.56	0.53	6.69	348.89	0.92	45.29
4.491	16.3	55.56	0.57	6.8	350.02	0.97	45.29
4.497	16.3	55.56	0.53	6.9	359.4	1.06	45.29
4.508	16.3	55.56	0.61	6.95	374.27	0.94	45.29
4.52	16.3	55.56	0.61	6.95	375.14	1.0	45.29
4.526	16.3	55.56	0.5	6.93	385.19	0.98	45.29
4.532	16.3	55.56	0.69	6.88	402.71	0.95	45.28
4.55	16.3	55.55	0.46	6.81	370.65	0.97	45.28
4.577	16.3	55.56	0.5	6.73	385.72	1.09	45.29
4.595	16.3	55.56	0.61	6.65	385.99	1.3	45.29
4.602	16.3	55.55	0.65	6.58	378.02	1.3	45.29
4.615	16.3	55.55	0.61	6.52	382.69	1.05	45.28
4.634	16.3	55.56	0.65	6.47	384.38	1.06	45.29
4.659	16.3	55.56	0.5	6.42	381.19	0.98	45.29
4.676	16.3	55.55	0.57	6.36	393.12	0.92	45.29
4.687	16.3	55.56	0.46	6.22	383.94	0.98	45.29
4.688	16.3	55.55	0.5	6.17	385.1	1.05	45.28
4.7	16.3	55.55	0.57	6.14	403.93	1.01	45.29
4.718	16.3	55.56	0.53	6.1	374.79	0.96	45.29
4.734	16.3	55.56	0.42	6.07	368.16	1.01	45.3
4.744	16.3	55.55	0.5	6.04	380.84	1.08	45.29
4.751	16.3	55.55	0.53	6.0	377.06	1.02	45.29
4.763	16.3	55.55	0.57	5.96	393.4	0.95	45.29
4.776	16.29	55.56	0.53	5.94	363.92	0.98	45.3
4.786	16.29	55.55	0.38	5.91	404.59	1.05	45.29
4.801	16.29	55.55	0.65	5.88	386.35	1.05	45.29
4.828	16.29	55.55	0.53	5.85	378.2	0.97	45.3
4.858	16.29	55.56	0.72	5.83	357.82	1.14	45.3
4.878	16.29	55.55	0.57	5.81	407.12	1.11	45.29
4.892	16.29	55.55	0.53	5.8	382.61	1.01	45.29
4.9	16.29	55.56	0.46	5.79	357.82	1.11	45.3
4.905	16.29	55.55	0.65	5.79	412.83	0.95	45.29
4.909	16.29	55.55	0.57	5.8	366.72	0.93	45.29
4.912	16.29	55.55	0.46	5.82	395.13	0.94	45.29
4.92	16.29	55.55	0.5	5.86	352.14	0.98	45.29
4.93	16.29	55.55	0.72	5.9	364.94	0.96	45.29
4.936	16.29	55.55	0.57	5.96	354.35	1.02	45.29
4.94	16.29	55.55	0.42	6.02	424.17	0.98	45.29
4.947	16.29	55.55	0.61	6.08	356.33	1.08	45.29
4.954	16.29	55.55	0.46	6.13	427.73	1.04	45.29
4.96	16.29	55.55	0.57	6.18	343.99	0.97	45.29
4.966	16.29	55.55	0.65	6.22	355.91	0.92	45.29
4.968	16.29	55.55	0.5	6.25	391.85	0.94	45.29

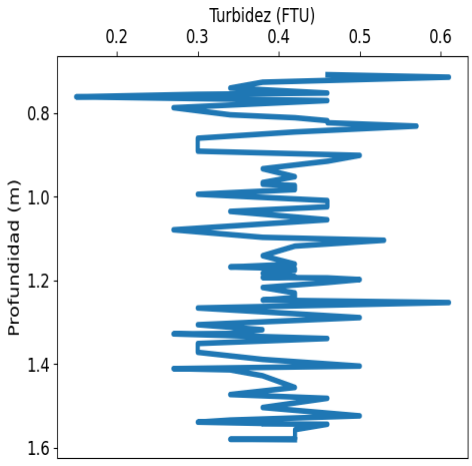
4.972	16.29	55.55	0.53	6.28	338.53	0.98	45.3
4.977	16.29	55.55	0.57	6.3	397.8	0.97	45.3
4.978	16.29	55.55	0.46	6.33	337.59	1.08	45.29
4.979	16.29	55.55	0.5	6.33	335.57	1.04	45.3
4.981	16.29	55.55	0.38	6.33	399.28	0.98	45.3
4.982	16.29	55.55	0.65	6.21	338.14	0.95	45.3
4.984	16.29	55.54	0.53	6.16	334.63	0.98	45.29

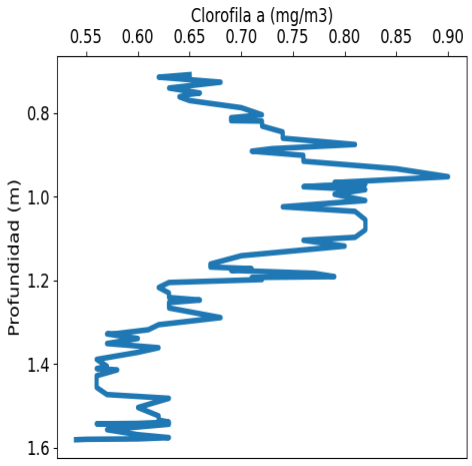
Nombre: CTD E09 - Punto 020 **Fecha: 28/11/2023** **Hora: 12:11:40**

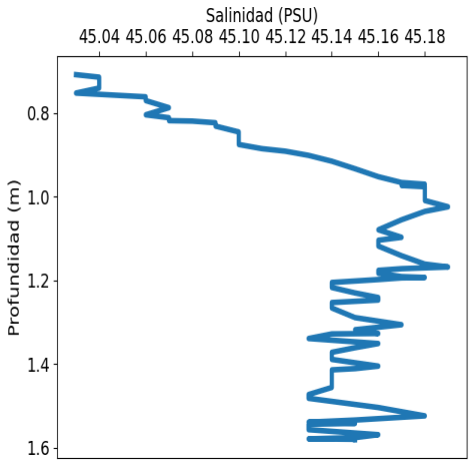


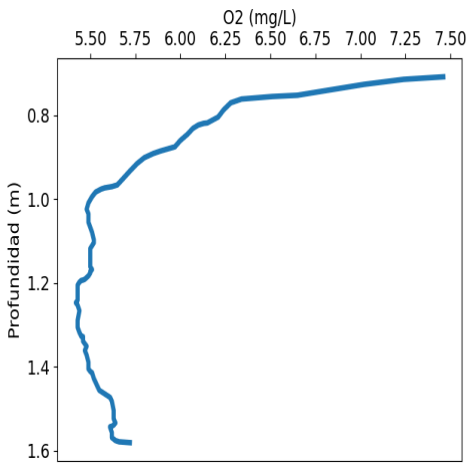


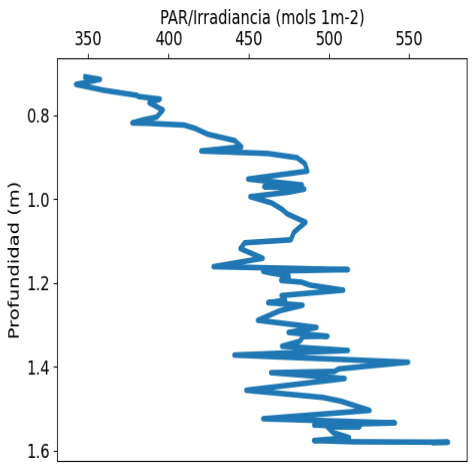


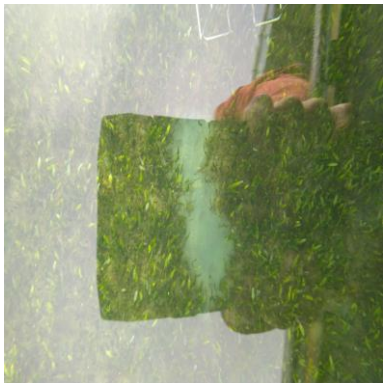












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	15.69	54.64	0.15	5.42	342.32	0.54	45.03
PROF (metros)	1.524	1.473	0.761	1.247	0.726	1.581	0.708
MÁXIMO	15.91	15.91	0.61	7.46	574.26	0.9	45.19
PROF (metros)	0.708	0.714	0.714	0.708	1.58	0.952	1.024

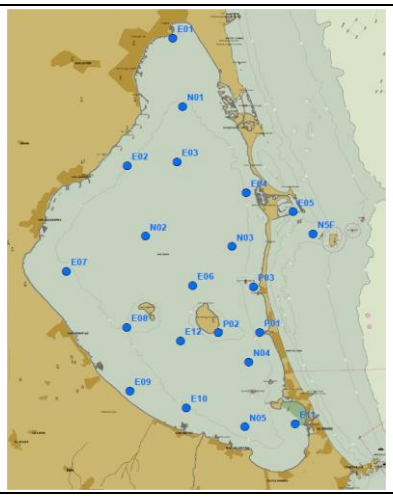
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.84	54.78	0.4	6.12	421.31	0.73	45.1
1 - 2m	15.71	54.68	0.4	5.52	487.22	0.65	45.15

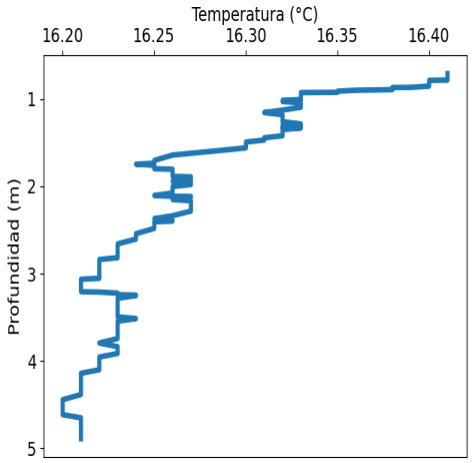
OBSERVACIONES GENERALES

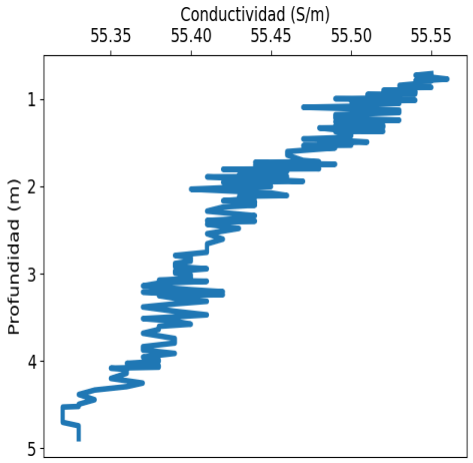
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	15.91	54.79	0.46	7.46	348.16	0.65	45.03
0.714	15.91	54.8	0.61	7.24	357.4	0.62	45.04
0.726	15.91	54.8	0.38	7.02	342.32	0.68	45.04
0.74	15.9	54.79	0.34	6.82	359.56	0.63	45.04
0.752	15.9	54.78	0.46	6.65	380.22	0.66	45.03
0.755	15.89	54.78	0.3	6.51	381.28	0.65	45.04
0.761	15.89	54.8	0.15	6.34	394.67	0.64	45.06
0.77	15.89	54.8	0.46	6.28	388.05	0.65	45.06
0.787	15.88	54.8	0.27	6.24	396.51	0.7	45.07
0.804	15.88	54.79	0.34	6.21	392.67	0.72	45.06
0.811	15.87	54.79	0.42	6.18	384.03	0.69	45.07
0.818	15.87	54.79	0.46	6.15	377.41	0.69	45.07
0.819	15.87	54.79	0.46	6.13	387.78	0.72	45.08
0.823	15.86	54.8	0.46	6.1	409.59	0.72	45.09
0.831	15.86	54.8	0.57	6.07	416.57	0.72	45.09
0.845	15.85	54.79	0.42	6.04	424.47	0.74	45.1
0.86	15.84	54.79	0.3	6.0	441.22	0.74	45.1
0.875	15.84	54.79	0.3	5.97	445.43	0.81	45.1
0.885	15.83	54.79	0.3	5.89	420.36	0.73	45.11
0.891	15.82	54.79	0.3	5.85	461.94	0.71	45.12
0.901	15.81	54.78	0.5	5.8	480.17	0.76	45.13
0.915	15.8	54.78	0.46	5.76	484.98	0.76	45.14
0.933	15.79	54.78	0.38	5.72	486.56	0.85	45.15
0.952	15.78	54.77	0.42	5.68	449.58	0.9	45.16
0.966	15.77	54.77	0.38	5.65	483.19	0.79	45.17
0.97	15.77	54.77	0.38	5.62	459.59	0.82	45.18
0.973	15.76	54.77	0.42	5.58	474.53	0.78	45.17
0.976	15.75	54.76	0.42	5.56	484.64	0.76	45.18
0.983	15.75	54.75	0.42	5.53	475.41	0.82	45.18
0.994	15.74	54.75	0.3	5.51	450.94	0.79	45.18
1.009	15.74	54.75	0.46	5.49	464.3	0.82	45.18
1.024	15.74	54.75	0.46	5.48	470.7	0.74	45.19
1.035	15.74	54.75	0.34	5.49	473.98	0.81	45.18
1.055	15.74	54.73	0.46	5.49	485.43	0.82	45.17
1.079	15.73	54.71	0.27	5.51	478.17	0.82	45.16
1.097	15.72	54.71	0.38	5.52	476.18	0.81	45.17
1.104	15.72	54.7	0.53	5.52	447.5	0.76	45.16
1.118	15.72	54.7	0.42	5.5	444.81	0.8	45.16
1.141	15.72	54.71	0.38	5.5	458.74	0.7	45.17
1.161	15.72	54.72	0.42	5.5	428.03	0.67	45.18

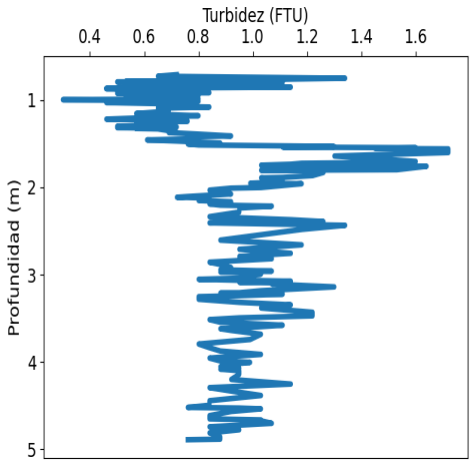
1.168	15.72	54.73	0.34	5.51	511.89	0.67	45.19
1.172	15.72	54.7	0.42	5.5	458.95	0.71	45.17
1.176	15.71	54.69	0.42	5.5	463.66	0.69	45.16
1.183	15.71	54.69	0.38	5.49	474.86	0.77	45.16
1.191	15.71	54.69	0.42	5.47	474.97	0.79	45.17
1.193	15.71	54.71	0.38	5.46	470.15	0.71	45.18
1.194	15.71	54.7	0.46	5.45	470.26	0.72	45.17
1.198	15.71	54.68	0.5	5.44	482.96	0.72	45.16
1.205	15.71	54.67	0.46	5.43	488.14	0.63	45.14
1.217	15.71	54.67	0.38	5.43	508.93	0.62	45.14
1.23	15.71	54.68	0.42	5.43	470.37	0.63	45.15
1.241	15.71	54.68	0.42	5.43	472.77	0.63	45.16
1.247	15.71	54.68	0.38	5.42	462.05	0.66	45.16
1.253	15.71	54.67	0.61	5.43	483.63	0.63	45.14
1.266	15.71	54.66	0.3	5.44	469.5	0.63	45.14
1.289	15.7	54.66	0.5	5.43	455.67	0.68	45.15
1.306	15.7	54.69	0.3	5.43	492.34	0.62	45.17
1.318	15.7	54.67	0.38	5.44	474.75	0.61	45.15
1.327	15.7	54.67	0.34	5.45	499.12	0.58	45.16
1.328	15.7	54.66	0.27	5.46	483.86	0.57	45.14
1.339	15.71	54.65	0.46	5.46	481.84	0.6	45.13
1.351	15.7	54.68	0.3	5.48	470.7	0.57	45.16
1.361	15.7	54.67	0.3	5.47	511.89	0.62	45.15
1.372	15.7	54.66	0.3	5.48	441.02	0.6	45.14
1.389	15.7	54.66	0.38	5.49	549.39	0.56	45.14
1.405	15.7	54.68	0.5	5.49	506.23	0.57	45.16
1.411	15.7	54.66	0.27	5.5	503.42	0.56	45.15
1.414	15.7	54.65	0.34	5.51	463.87	0.58	45.14
1.428	15.7	54.66	0.38	5.52	509.88	0.56	45.14
1.456	15.7	54.66	0.42	5.55	448.44	0.56	45.14
1.473	15.7	54.64	0.34	5.61	496.01	0.57	45.13
1.482	15.7	54.64	0.46	5.62	507.4	0.63	45.13
1.504	15.7	54.67	0.38	5.63	525.35	0.6	45.16
1.524	15.69	54.69	0.5	5.63	458.95	0.62	45.18
1.534	15.7	54.66	0.34	5.64	541.17	0.62	45.15
1.539	15.7	54.65	0.3	5.63	490.75	0.63	45.13
1.542	15.71	54.67	0.38	5.62	514.63	0.6	45.15
1.543	15.71	54.67	0.38	5.61	519.06	0.56	45.14
1.544	15.71	54.65	0.46	5.61	499.24	0.63	45.13
1.557	15.71	54.65	0.42	5.62	502.6	0.57	45.13
1.569	15.7	54.68	0.42	5.62	512.6	0.6	45.16
1.576	15.7	54.66	0.42	5.64	490.63	0.63	45.15
1.579	15.7	54.65	0.42	5.66	515.7	0.6	45.13
1.58	15.7	54.67	0.34	5.69	574.26	0.55	45.15
1.581	15.7	54.67	0.42	5.72	565.28	0.54	45.15

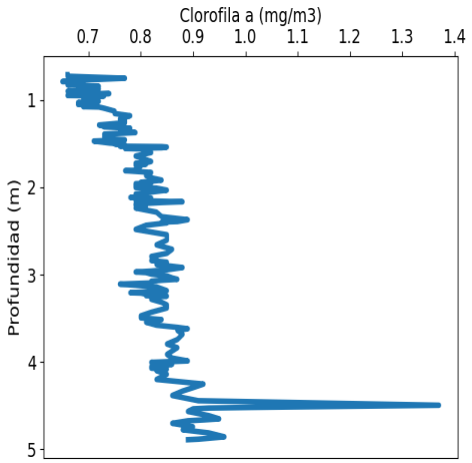
Nombre: CTD E08 - Punto 021 **Fecha: 28/11/2023** **Hora: 12:11:11**

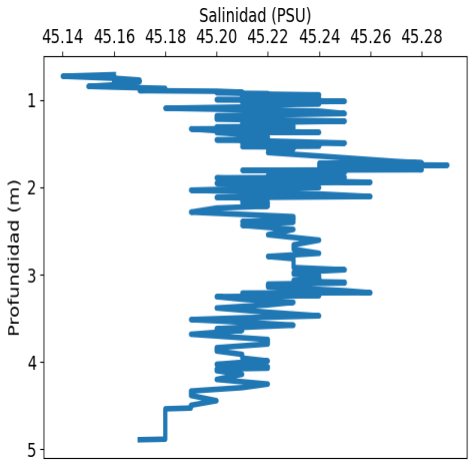


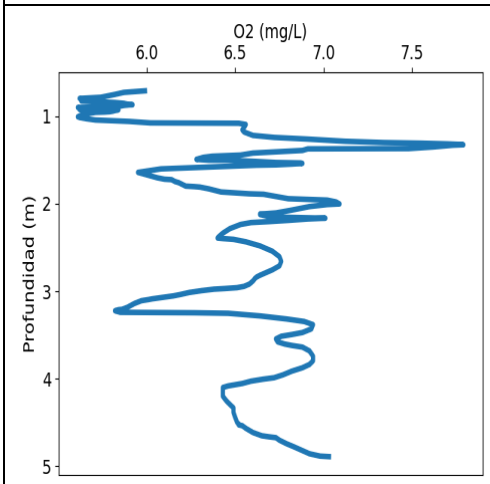


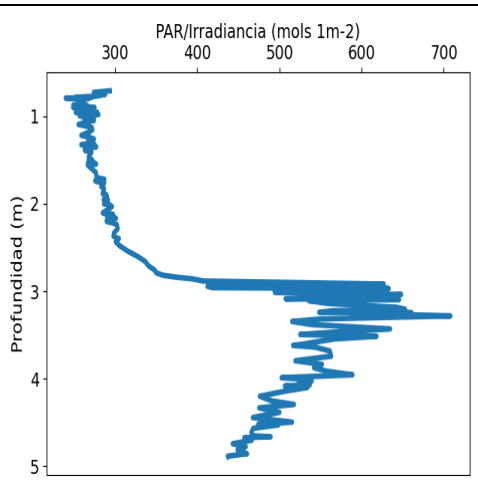












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.2	55.32	0.31	5.61	240.29	0.65	45.14
PROF (metros)	4.446	4.53	0.995	0.897	0.791	0.787	0.726
MÁXIMO	16.41	16.41	1.72	7.79	708.27	1.37	45.29
PROF (metros)	0.708	0.77	1.559	1.325	3.283	4.498	1.746

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	16.37	55.53	0.7	5.74	264.54	0.69	45.19
1 - 2m	16.3	55.48	0.94	6.59	274.2	0.77	45.23
2 - 3m	16.25	55.42	0.95	6.65	346.25	0.83	45.22
3 - 4m	16.23	55.39	0.98	6.49	573.34	0.84	45.22
4 - 5m	16.21	55.34	0.92	6.62	485.85	0.91	45.19

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)
0.708	16.41	55.55	0.72	5.99	294.04	0.66	45.16
0.726	16.41	55.54	0.65	5.87	274.48	0.66	45.14
0.749	16.41	55.55	1.34	5.82	288.37	0.77	45.16
0.77	16.41	55.56	0.92	5.77	276.84	0.69	45.17
0.782	16.41	55.55	1.11	5.74	252.39	0.66	45.17
0.785	16.4	55.55	0.61	5.71	271.57	0.66	45.16
0.787	16.4	55.54	0.53	5.69	254.15	0.65	45.16
0.789	16.4	55.55	0.72	5.66	254.21	0.68	45.17
0.791	16.4	55.55	0.5	5.64	240.29	0.69	45.16
0.795	16.4	55.54	1.11	5.62	268.5	0.67	45.16
0.807	16.4	55.54	0.53	5.63	255.92	0.69	45.16
0.825	16.4	55.54	0.61	5.63	256.69	0.66	45.16
0.842	16.4	55.53	0.8	5.82	256.04	0.72	45.15
0.851	16.4	55.53	1.14	5.87	262.77	0.68	45.16
0.865	16.39	55.55	0.46	5.9	254.15	0.7	45.18
0.867	16.38	55.54	0.72	5.92	265.04	0.68	45.18
0.869	16.38	55.54	0.46	5.9	249.6	0.72	45.18
0.875	16.38	55.54	0.72	5.87	263.2	0.7	45.18
0.883	16.38	55.53	0.69	5.85	267.38	0.69	45.18
0.891	16.38	55.53	0.76	5.75	266.52	0.71	45.17
0.895	16.37	55.53	0.61	5.66	254.97	0.7	45.19
0.897	16.36	55.53	0.57	5.61	249.31	0.69	45.2
0.898	16.36	55.52	0.5	5.61	275.5	0.66	45.2
0.909	16.35	55.54	0.61	5.62	267.13	0.69	45.21
0.914	16.35	55.53	0.84	5.63	267.07	0.7	45.2
0.922	16.35	55.54	0.5	5.62	259.15	0.68	45.21
0.925	16.33	55.52	0.61	5.84	271.69	0.74	45.22
0.932	16.33	55.52	0.76	5.82	274.41	0.72	45.22
0.94	16.33	55.54	0.69	5.81	265.53	0.69	45.24
0.944	16.33	55.53	0.8	5.8	267.07	0.66	45.23
0.947	16.33	55.51	0.65	5.79	261.56	0.66	45.22
0.951	16.33	55.52	0.69	5.76	272.32	0.71	45.23
0.952	16.33	55.53	0.61	5.74	278.71	0.73	45.23
0.954	16.33	55.52	0.69	5.71	252.45	0.69	45.22
0.964	16.33	55.51	0.65	5.68	260.35	0.72	45.21
0.979	16.33	55.53	0.53	5.65	280.2	0.69	45.24
0.986	16.33	55.53	0.8	5.63	265.65	0.69	45.24

0.995	16.33	55.49	0.3	5.62	257.29	0.71	45.2
1.005	16.33	55.52	0.61	5.61	266.39	0.69	45.23
1.013	16.32	55.54	0.8	5.62	274.86	0.72	45.25
1.028	16.32	55.5	0.46	5.66	262.96	0.68	45.21
1.042	16.33	55.53	0.69	5.71	268.62	0.7	45.24
1.049	16.33	55.53	0.72	5.8	274.73	0.68	45.23
1.058	16.33	55.51	0.65	5.9	265.34	0.71	45.22
1.075	16.33	55.5	0.76	6.02	268.5	0.69	45.21
1.079	16.33	55.51	0.84	6.52	260.95	0.72	45.21
1.093	16.33	55.47	0.65	6.56	255.86	0.73	45.18
1.126	16.32	55.53	0.69	6.55	272.01	0.75	45.24
1.154	16.31	55.53	0.57	6.54	272.77	0.75	45.25
1.179	16.32	55.49	0.8	6.55	268.81	0.78	45.2
1.218	16.32	55.49	0.46	6.6	259.33	0.76	45.2
1.241	16.32	55.53	0.76	6.72	269.5	0.77	45.25
1.259	16.32	55.49	0.57	6.9	274.73	0.77	45.21
1.285	16.33	55.5	0.69	7.12	272.2	0.72	45.21
1.3	16.32	55.52	0.5	7.34	266.52	0.73	45.23
1.307	16.32	55.49	0.72	7.55	269.12	0.73	45.2
1.315	16.33	55.49	0.5	7.7	274.73	0.76	45.2
1.322	16.32	55.52	0.65	7.78	267.01	0.78	45.23
1.325	16.32	55.51	0.57	7.79	259.27	0.76	45.22
1.33	16.33	55.48	0.65	7.73	275.56	0.76	45.19
1.35	16.32	55.49	0.69	7.62	277.55	0.78	45.2
1.369	16.32	55.52	0.72	7.48	263.63	0.78	45.24
1.372	16.32	55.49	0.69	6.91	266.33	0.79	45.2
1.39	16.32	55.5	0.8	6.88	263.69	0.73	45.21
1.411	16.32	55.5	0.92	6.69	271.69	0.74	45.21
1.42	16.32	55.5	0.76	6.6	270.69	0.73	45.22
1.443	16.31	55.49	0.8	6.53	269.31	0.74	45.22
1.456	16.31	55.47	0.61	6.37	269.62	0.77	45.2
1.469	16.31	55.49	0.72	6.32	268.25	0.71	45.22
1.492	16.3	55.51	0.88	6.28	271.69	0.74	45.25
1.501	16.3	55.48	0.8	6.35	268.38	0.76	45.21
1.502	16.3	55.48	0.76	6.46	270.69	0.75	45.22
1.514	16.3	55.5	0.8	6.6	273.65	0.77	45.24
1.528	16.3	55.5	1.22	6.73	271.57	0.76	45.24
1.533	16.3	55.47	1.3	6.87	267.38	0.84	45.21
1.538	16.3	55.49	1.11	6.88	276.52	0.85	45.23
1.546	16.3	55.49	1.6	6.82	277.36	0.84	45.23
1.555	16.3	55.48	1.45	6.73	269.56	0.77	45.22
1.559	16.3	55.49	1.72	6.62	267.2	0.8	45.23
1.601	16.28	55.46	1.72	6.08	272.26	0.82	45.22
1.641	16.26	55.46	1.3	5.95	276.91	0.79	45.24
1.703	16.25	55.47	1.6	6.06	278.19	0.82	45.27
1.719	16.25	55.48	1.34	6.1	287.43	0.81	45.28
1.724	16.25	55.44	1.18	6.14	286.97	0.79	45.24
1.735	16.25	55.45	1.14	6.15	276.07	0.81	45.25
1.746	16.24	55.49	1.03	6.16	277.81	0.79	45.29
1.758	16.25	55.44	1.64	6.18	287.3	0.8	45.24
1.798	16.25	55.48	1.53	6.22	283.79	0.79	45.28
1.804	16.26	55.42	1.03	6.27	283.46	0.79	45.21
1.809	16.26	55.45	1.26	6.3	285.84	0.77	45.24
1.829	16.26	55.46	1.26	6.35	286.9	0.82	45.25
1.865	16.26	55.43	1.22	6.42	285.84	0.81	45.22
1.886	16.26	55.46	1.11	6.58	285.31	0.82	45.25
1.891	16.27	55.41	1.03	6.66	289.1	0.82	45.2
1.917	16.27	55.44	1.11	6.73	290.78	0.84	45.22

1.942	16.26	55.47	1.07	6.8	288.57	0.8	45.26
1.953	16.27	55.42	0.99	6.96	286.44	0.82	45.2
1.958	16.27	55.45	1.18	7.02	291.86	0.79	45.22
1.979	16.27	55.44	1.11	7.07	290.92	0.79	45.22
2.002	16.26	55.45	1.03	7.09	286.9	0.79	45.24
2.009	16.26	55.43	0.92	7.02	293.42	0.83	45.22
2.032	16.26	55.4	0.84	6.92	296.64	0.85	45.19
2.076	16.26	55.45	0.92	6.81	289.71	0.79	45.24
2.105	16.25	55.46	0.76	6.73	285.38	0.8	45.26
2.114	16.26	55.43	0.72	6.67	287.57	0.8	45.22
2.116	16.27	55.43	0.76	6.64	295.95	0.78	45.2
2.123	16.27	55.44	0.84	6.64	298.02	0.82	45.22
2.151	16.26	55.43	0.8	6.7	290.78	0.79	45.21
2.165	16.27	55.42	0.92	7.01	301.49	0.88	45.21
2.174	16.27	55.44	0.92	6.91	298.02	0.84	45.22
2.19	16.27	55.44	0.84	6.8	290.11	0.79	45.22
2.204	16.27	55.43	0.88	6.69	290.31	0.79	45.21
2.215	16.27	55.44	1.07	6.59	296.23	0.81	45.22
2.237	16.27	55.42	0.95	6.53	302.47	0.79	45.2
2.284	16.27	55.41	0.95	6.47	303.59	0.83	45.19
2.336	16.26	55.44	0.84	6.43	298.99	0.84	45.23
2.371	16.25	55.43	1.14	6.41	298.43	0.89	45.23
2.392	16.26	55.41	1.26	6.4	302.68	0.87	45.21
2.398	16.26	55.44	0.92	6.43	305.0	0.84	45.23
2.407	16.25	55.42	0.84	6.49	304.23	0.85	45.22
2.435	16.25	55.41	1.34	6.56	301.14	0.81	45.21
2.482	16.25	55.43	1.18	6.64	306.14	0.79	45.23
2.543	16.24	55.41	1.03	6.71	316.01	0.85	45.22
2.605	16.24	55.42	0.88	6.75	328.18	0.85	45.24
2.659	16.23	55.41	1.18	6.76	336.81	0.83	45.23
2.71	16.23	55.41	0.95	6.75	341.05	0.86	45.23
2.756	16.23	55.41	1.14	6.71	348.16	0.85	45.24
2.792	16.23	55.39	0.95	6.67	350.76	0.82	45.22
2.818	16.23	55.4	1.07	6.64	358.65	0.83	45.23
2.839	16.22	55.4	0.95	6.62	373.84	0.82	45.23
2.858	16.22	55.4	0.84	6.61	393.49	0.85	45.23
2.884	16.22	55.39	0.88	6.6	407.5	0.83	45.23
2.919	16.22	55.39	0.92	6.58	627.27	0.88	45.23
2.945	16.22	55.41	0.88	6.55	412.73	0.85	45.25
2.96	16.22	55.4	1.07	6.51	419.0	0.82	45.24
2.97	16.22	55.39	0.88	6.44	633.26	0.79	45.24
2.977	16.22	55.39	0.95	6.38	539.42	0.81	45.23
2.994	16.22	55.39	1.03	6.31	494.4	0.82	45.23
3.015	16.22	55.4	0.99	6.24	494.75	0.85	45.24
3.038	16.22	55.4	0.99	6.19	648.26	0.86	45.24
3.054	16.22	55.4	0.8	6.15	624.08	0.87	45.24
3.065	16.21	55.39	0.95	6.11	588.54	0.84	45.23
3.076	16.21	55.38	1.14	6.07	555.53	0.82	45.23
3.088	16.21	55.41	0.95	6.03	507.64	0.82	45.25
3.096	16.21	55.4	1.11	6.01	645.86	0.82	45.25
3.109	16.21	55.38	1.07	5.97	536.18	0.76	45.22
3.141	16.21	55.37	1.3	5.93	559.93	0.83	45.22
3.185	16.21	55.4	1.03	5.89	642.87	0.85	45.25
3.208	16.21	55.42	0.95	5.86	653.24	0.78	45.26
3.212	16.22	55.37	0.88	5.84	649.01	0.8	45.21
3.224	16.23	55.38	1.11	5.82	565.01	0.81	45.21
3.242	16.23	55.42	0.95	5.85	548.62	0.81	45.24
3.247	16.24	55.4	0.88	6.27	661.01	0.85	45.22

3.253	16.24	55.38	0.8	6.46	587.72	0.82	45.2
3.283	16.23	55.39	0.8	6.64	708.27	0.82	45.21
3.318	16.23	55.41	0.95	6.79	551.17	0.84	45.23
3.347	16.23	55.39	1.14	6.89	515.7	0.85	45.22
3.383	16.23	55.37	1.03	6.94	540.42	0.85	45.2
3.432	16.23	55.39	1.22	6.93	634.88	0.82	45.22
3.473	16.23	55.41	1.22	6.88	560.19	0.8	45.24
3.496	16.23	55.39	0.95	6.82	525.48	0.8	45.21
3.516	16.24	55.37	0.84	6.76	618.47	0.84	45.19
3.546	16.23	55.39	0.88	6.73	567.9	0.81	45.21
3.58	16.23	55.4	1.11	6.74	545.08	0.83	45.23
3.605	16.23	55.38	0.99	6.78	529.76	0.87	45.21
3.621	16.23	55.38	0.88	6.82	516.78	0.89	45.2
3.64	16.23	55.38	0.92	6.88	543.56	0.87	45.21
3.684	16.23	55.37	1.03	6.92	561.49	0.88	45.19
3.744	16.23	55.39	0.99	6.94	563.18	0.87	45.22
3.796	16.22	55.39	0.8	6.94	519.66	0.85	45.22
3.838	16.23	55.37	0.84	6.92	552.07	0.87	45.2
3.876	16.23	55.37	0.88	6.88	542.3	0.86	45.2
3.915	16.23	55.39	1.03	6.82	557.21	0.85	45.21
3.957	16.22	55.37	0.84	6.77	589.08	0.86	45.21
3.99	16.22	55.38	0.88	6.72	502.84	0.89	45.22
4.006	16.22	55.38	0.99	6.66	527.31	0.82	45.21
4.029	16.22	55.36	0.92	6.59	539.55	0.86	45.2
4.056	16.22	55.38	0.88	6.54	523.29	0.82	45.22
4.073	16.22	55.38	0.95	6.49	537.17	0.82	45.22
4.084	16.22	55.35	0.88	6.46	506.82	0.85	45.2
4.102	16.22	55.36	0.95	6.43	534.19	0.83	45.2
4.143	16.21	55.36	0.95	6.43	507.64	0.85	45.21
4.202	16.21	55.35	0.92	6.43	476.4	0.83	45.2
4.255	16.21	55.37	1.14	6.45	490.98	0.92	45.22
4.296	16.21	55.36	0.84	6.47	517.98	0.9	45.21
4.335	16.21	55.34	0.92	6.49	475.63	0.88	45.19
4.386	16.21	55.33	1.03	6.49	500.28	0.86	45.19
4.446	16.2	55.34	0.84	6.5	467.87	0.91	45.2
4.498	16.2	55.33	0.84	6.51	515.7	1.37	45.19
4.523	16.2	55.33	0.76	6.52	474.31	1.01	45.19
4.53	16.2	55.32	0.95	6.52	498.89	0.93	45.19
4.539	16.2	55.32	1.03	6.54	491.55	0.9	45.18
4.569	16.2	55.32	0.92	6.56	468.41	0.89	45.18
4.617	16.2	55.32	0.84	6.6	466.14	0.93	45.18
4.654	16.21	55.32	0.84	6.65	467.54	0.95	45.18
4.666	16.21	55.32	1.03	6.69	489.61	0.92	45.18
4.676	16.21	55.32	1.03	6.73	457.47	0.89	45.18
4.705	16.21	55.32	1.07	6.75	466.57	0.86	45.18
4.745	16.21	55.33	0.84	6.79	443.48	0.9	45.18
4.779	16.21	55.33	0.95	6.83	459.38	0.88	45.18
4.815	16.21	55.33	0.84	6.87	449.27	0.93	45.18
4.86	16.21	55.33	0.88	6.92	460.98	0.96	45.18
4.887	16.21	55.33	0.88	6.98	437.45	0.91	45.18
4.893	16.21	55.33	0.76	7.03	437.76	0.89	45.17