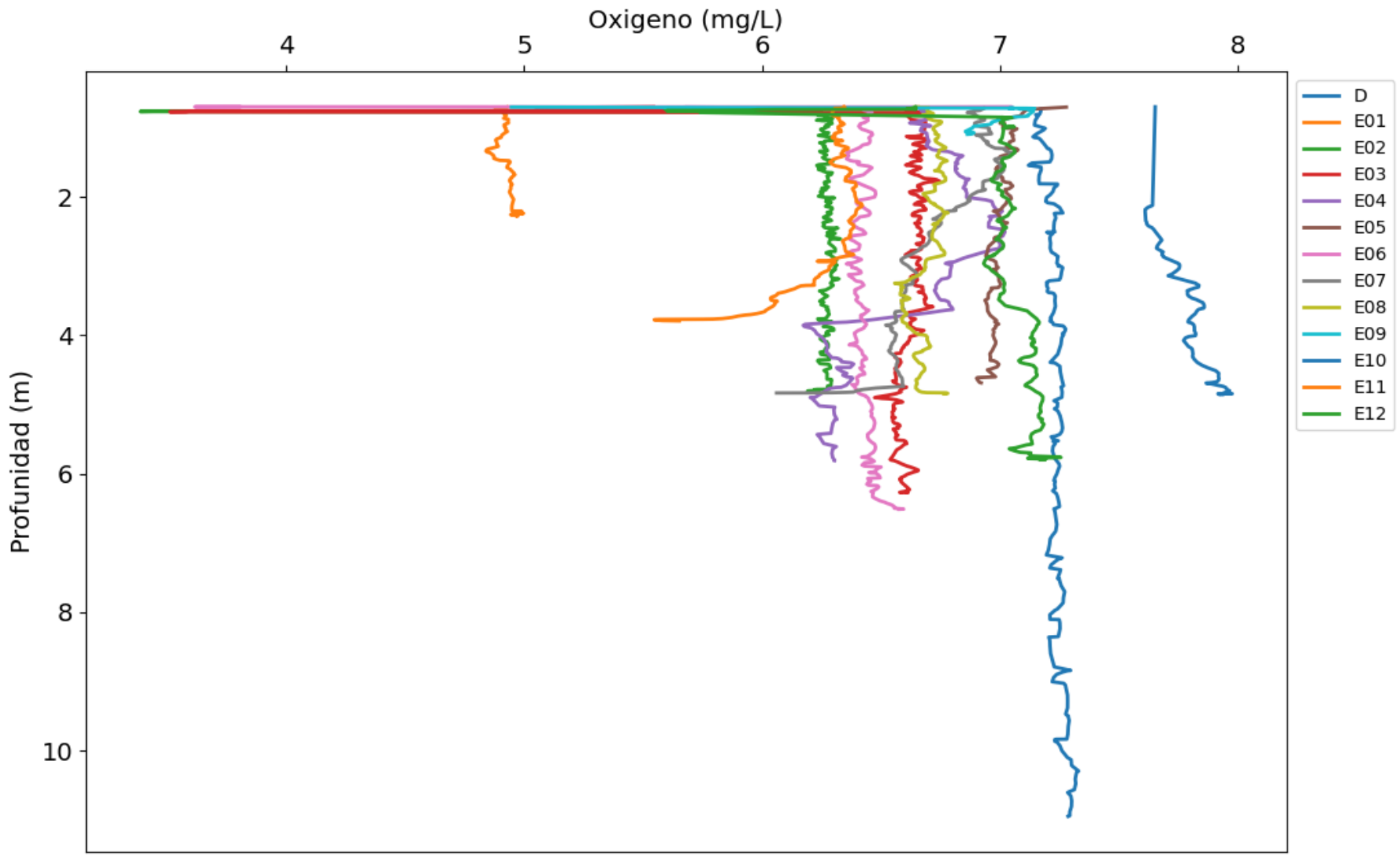
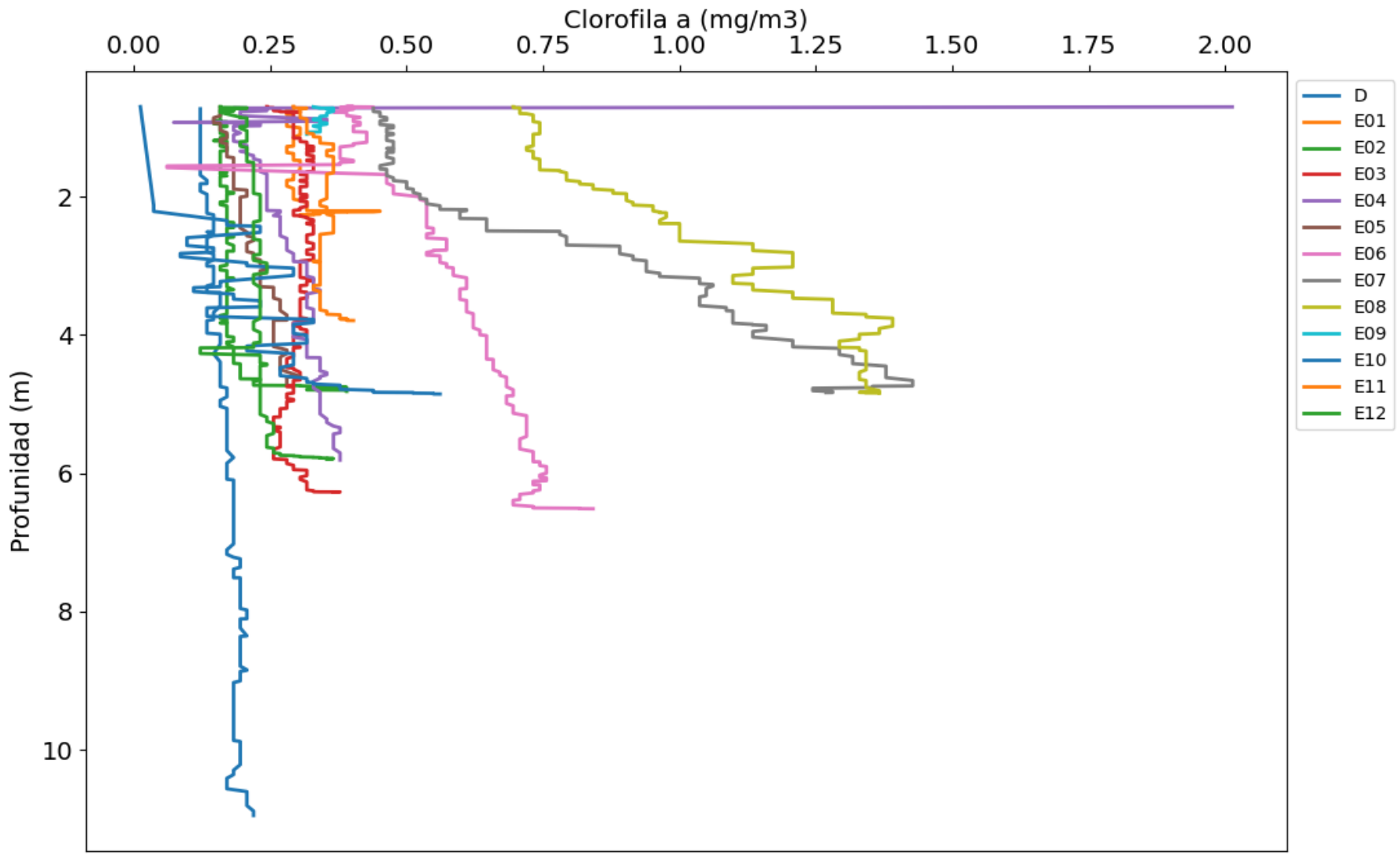
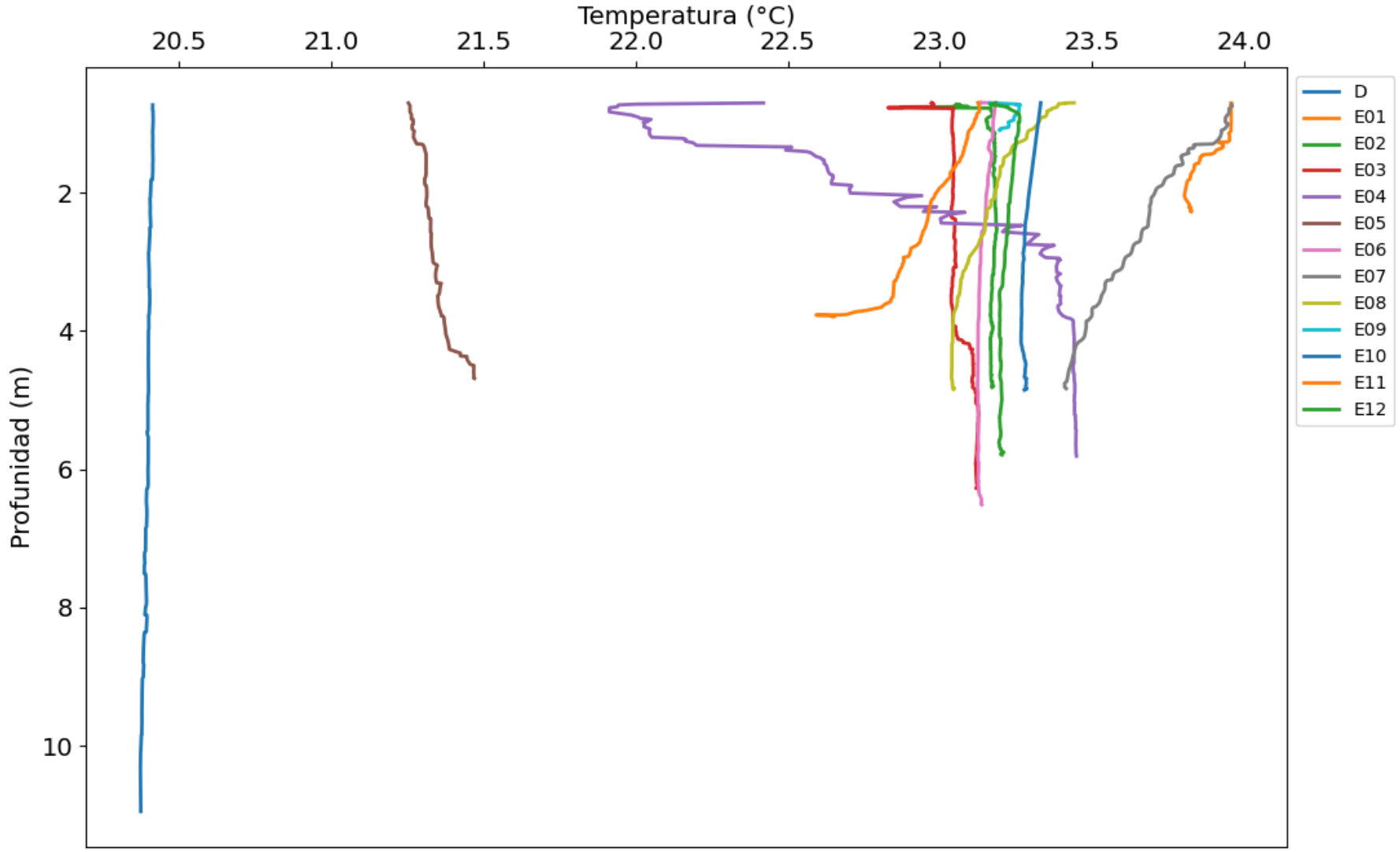
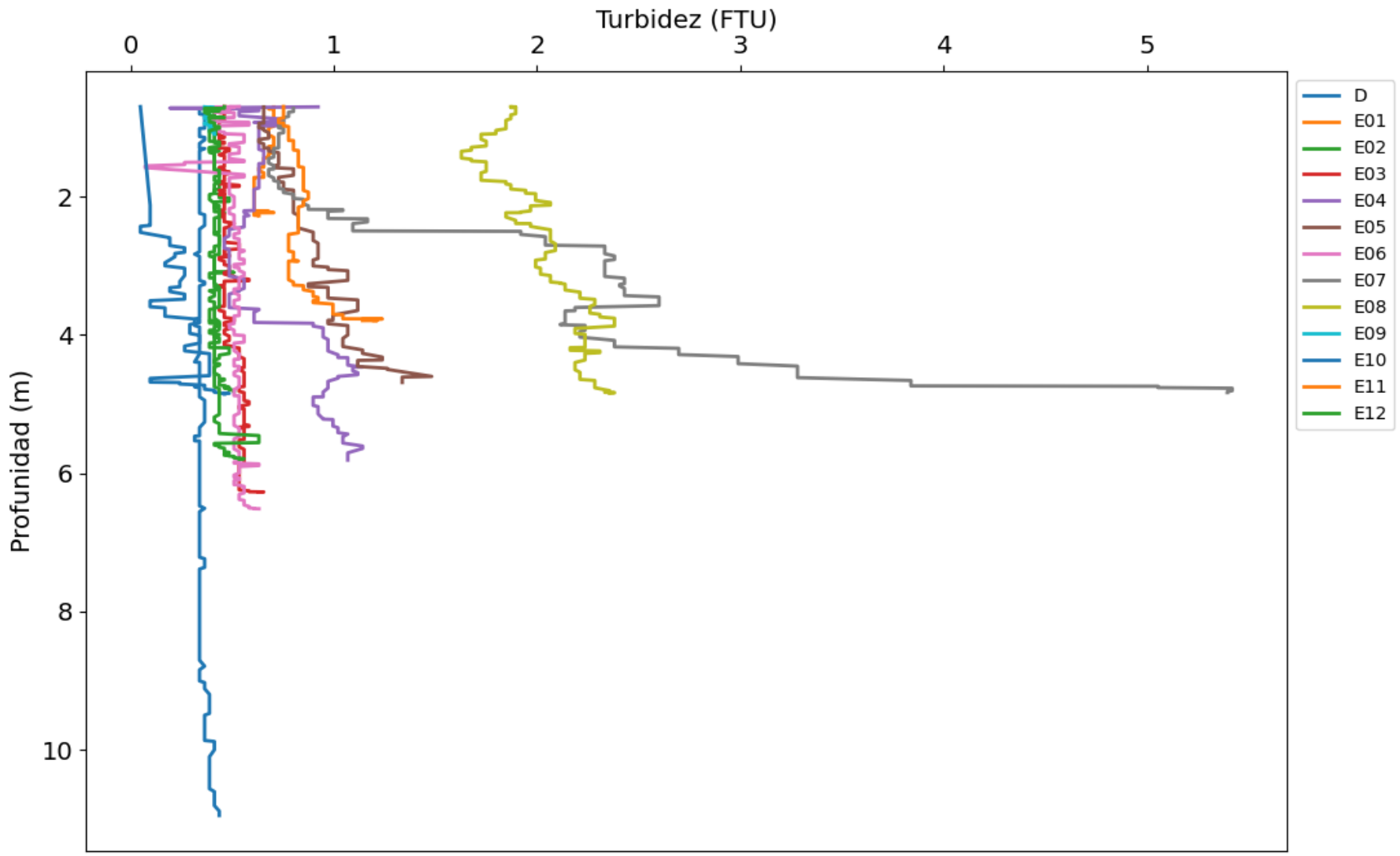
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20230504**

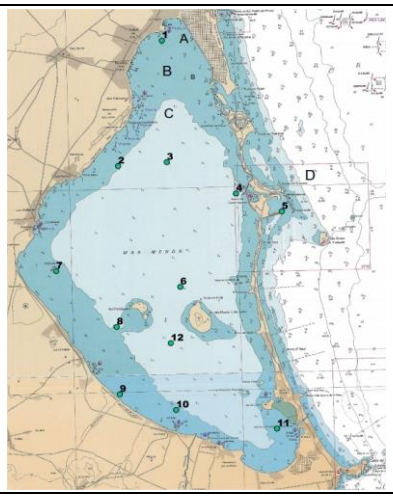


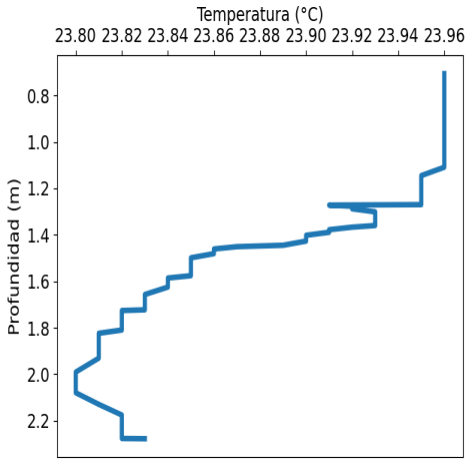

Clorofila a (mg/m3)
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
Profunidad (m)
2
4
6
8
10
D
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

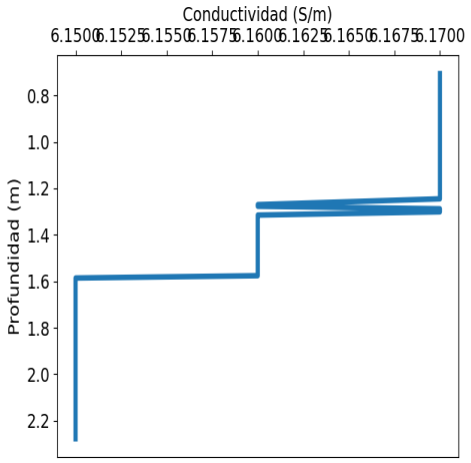

Temperatura (°C)
20.5
21.0
21.5
22.0
22.5
23.0
23.5
24.0
Profunidad (m)
2
4
6
8
10
D
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

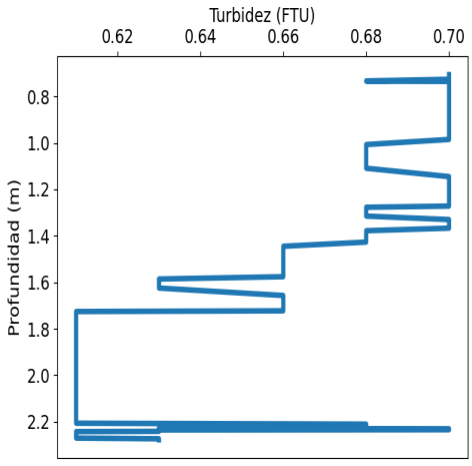

Turbidez (FTU)
0
1
2
3
4
5
Profunidad (m)
2
4
6
8
10
D
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

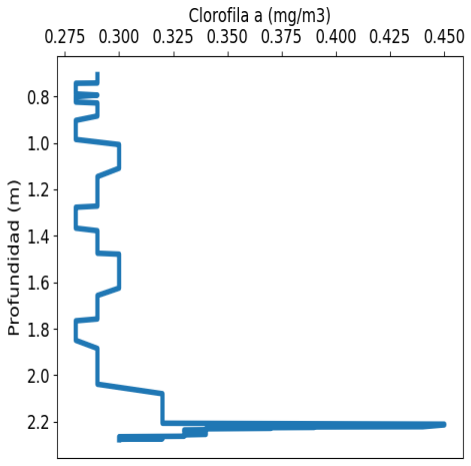
Nombre: CTD E01 - Punto 001 **Fecha: 04/05/2023** **Hora: 06:05:49**

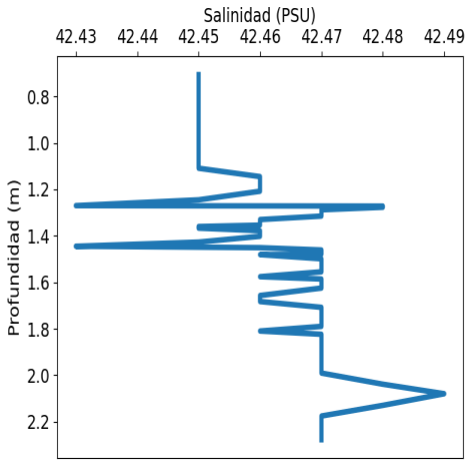


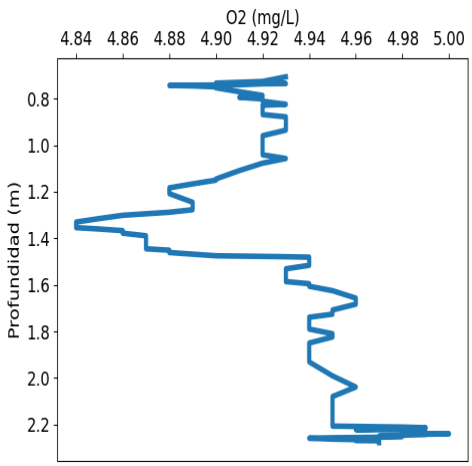


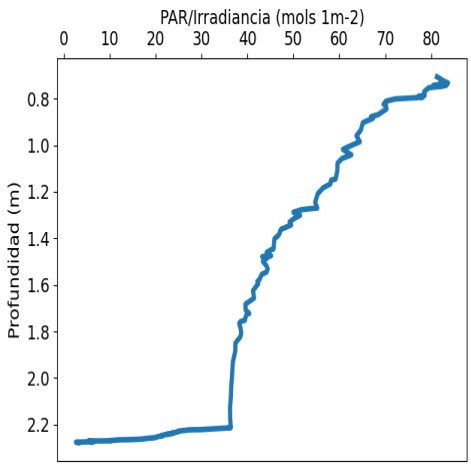












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.8	6.15	0.61	4.84	2.68	0.28	42.43
PROF (metros)	2.039	1.586	1.726	1.33	2.276	0.743	1.27
MÁXIMO	23.96	23.96	0.71	5.0	83.7	0.45	42.49
PROF (metros)	0.706	0.706	0.706	2.24	0.733	2.211	2.08

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.96	6.17	0.7	4.91	75.37	0.29	42.45
1 - 2m	23.88	6.16	0.66	4.91	46.86	0.29	42.46
2 - 3m	23.82	6.15	0.63	4.97	21.96	0.34	42.47

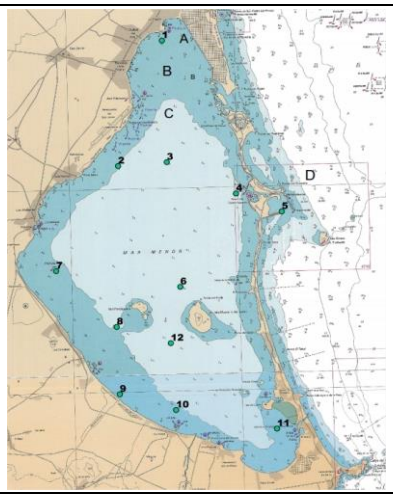
OBSERVACIONES GENERALES

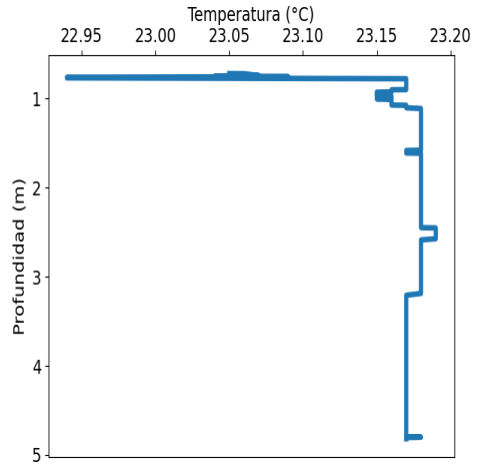
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	23.96	6.17	0.7	4.93	81.28	0.29	42.45
0.726	23.96	6.17	0.7	4.92	82.94	0.29	42.45
0.733	23.96	6.17	0.68	4.9	83.7	0.29	42.45
0.734	23.96	6.17	0.68	4.9	82.27	0.29	42.45
0.735	23.96	6.17	0.7	4.93	83.15	0.29	42.45
0.736	23.96	6.17	0.7	4.92	82.66	0.29	42.45
0.74	23.96	6.17	0.7	4.91	81.44	0.29	42.45
0.742	23.96	6.17	0.7	4.89	83.34	0.29	42.45
0.743	23.96	6.17	0.7	4.88	80.47	0.28	42.45
0.745	23.96	6.17	0.7	4.89	82.65	0.28	42.45
0.749	23.96	6.17	0.7	4.9	81.09	0.28	42.45
0.753	23.96	6.17	0.7	4.9	79.47	0.28	42.45
0.77	23.96	6.17	0.7	4.91	78.48	0.28	42.45
0.786	23.96	6.17	0.7	4.92	78.59	0.28	42.45
0.789	23.96	6.17	0.7	4.92	77.29	0.28	42.45
0.794	23.96	6.17	0.7	4.91	78.18	0.29	42.45
0.801	23.96	6.17	0.7	4.92	72.19	0.28	42.45
0.811	23.96	6.17	0.7	4.92	70.15	0.28	42.45
0.824	23.96	6.17	0.7	4.93	69.64	0.28	42.45
0.828	23.96	6.17	0.7	4.92	70.18	0.29	42.45
0.844	23.96	6.17	0.7	4.92	70.29	0.29	42.45
0.868	23.96	6.17	0.7	4.92	68.49	0.29	42.45
0.878	23.96	6.17	0.7	4.93	66.89	0.29	42.45
0.884	23.96	6.17	0.7	4.93	67.36	0.29	42.45
0.903	23.96	6.17	0.7	4.93	65.14	0.28	42.45
0.935	23.96	6.17	0.7	4.93	64.69	0.28	42.45
0.959	23.96	6.17	0.7	4.92	63.75	0.28	42.45
0.985	23.96	6.17	0.7	4.92	64.48	0.28	42.45
1.007	23.96	6.17	0.68	4.92	61.93	0.3	42.45
1.018	23.96	6.17	0.68	4.92	60.79	0.3	42.45
1.041	23.96	6.17	0.68	4.92	62.64	0.3	42.45
1.057	23.96	6.17	0.68	4.93	60.59	0.3	42.45
1.077	23.96	6.17	0.68	4.92	59.62	0.3	42.45
1.109	23.96	6.17	0.68	4.91	59.59	0.3	42.45
1.145	23.95	6.17	0.7	4.9	59.21	0.29	42.46
1.15	23.95	6.17	0.7	4.9	58.21	0.29	42.46
1.166	23.95	6.17	0.7	4.89	58.08	0.29	42.46
1.183	23.95	6.17	0.7	4.88	56.49	0.29	42.46
1.208	23.95	6.17	0.7	4.88	55.33	0.29	42.46

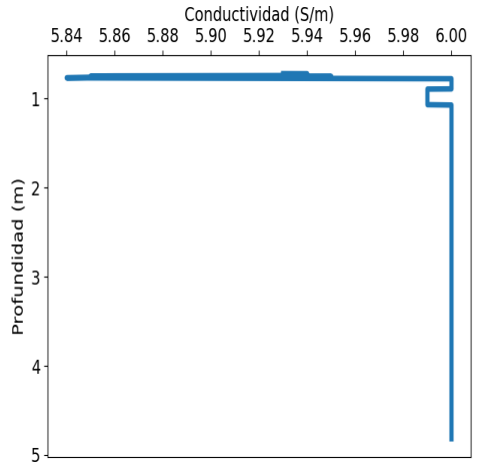
1.245	23.95	6.17	0.7	4.89	54.76	0.29	42.45
1.27	23.95	6.16	0.7	4.89	55.22	0.29	42.43
1.272	23.91	6.16	0.7	4.89	53.88	0.29	42.48
1.277	23.92	6.16	0.68	4.89	51.77	0.28	42.48
1.288	23.92	6.17	0.68	4.88	50.02	0.28	42.47
1.301	23.93	6.17	0.68	4.86	51.48	0.28	42.47
1.315	23.93	6.16	0.68	4.85	50.16	0.28	42.47
1.33	23.93	6.16	0.7	4.84	49.18	0.28	42.46
1.342	23.93	6.16	0.7	4.84	49.53	0.28	42.46
1.354	23.93	6.16	0.7	4.84	48.21	0.28	42.46
1.36	23.93	6.16	0.7	4.85	47.43	0.28	42.45
1.367	23.92	6.16	0.7	4.86	47.15	0.28	42.45
1.378	23.91	6.16	0.68	4.86	47.04	0.29	42.46
1.389	23.91	6.16	0.68	4.87	46.65	0.29	42.46
1.402	23.9	6.16	0.68	4.87	45.9	0.29	42.46
1.427	23.9	6.16	0.68	4.87	45.77	0.29	42.45
1.445	23.89	6.16	0.66	4.87	45.7	0.29	42.43
1.451	23.87	6.16	0.66	4.88	45.0	0.29	42.46
1.461	23.86	6.16	0.66	4.88	44.19	0.29	42.47
1.475	23.86	6.16	0.66	4.9	45.17	0.29	42.47
1.479	23.86	6.16	0.66	4.93	43.23	0.3	42.47
1.481	23.86	6.16	0.66	4.94	44.48	0.3	42.46
1.499	23.85	6.16	0.66	4.94	43.38	0.3	42.47
1.516	23.85	6.16	0.66	4.94	44.1	0.3	42.47
1.531	23.85	6.16	0.66	4.93	44.42	0.3	42.47
1.545	23.85	6.16	0.66	4.93	44.17	0.3	42.47
1.555	23.85	6.16	0.66	4.93	43.11	0.3	42.47
1.576	23.85	6.16	0.66	4.93	42.66	0.3	42.46
1.586	23.84	6.15	0.63	4.93	42.16	0.3	42.47
1.595	23.84	6.15	0.63	4.94	42.37	0.3	42.47
1.606	23.84	6.15	0.63	4.94	41.93	0.3	42.47
1.625	23.84	6.15	0.63	4.95	41.23	0.3	42.47
1.657	23.83	6.15	0.66	4.96	41.46	0.29	42.46
1.683	23.83	6.15	0.66	4.96	39.57	0.29	42.46
1.708	23.83	6.15	0.66	4.95	39.62	0.29	42.47
1.723	23.83	6.15	0.66	4.95	40.41	0.29	42.47
1.726	23.82	6.15	0.61	4.95	39.88	0.29	42.47
1.739	23.82	6.15	0.61	4.94	39.59	0.29	42.47
1.752	23.82	6.15	0.61	4.94	39.48	0.29	42.47
1.758	23.82	6.15	0.61	4.94	38.5	0.29	42.47
1.766	23.82	6.15	0.61	4.94	38.21	0.28	42.47
1.79	23.82	6.15	0.61	4.94	38.56	0.28	42.47
1.81	23.82	6.15	0.61	4.95	38.66	0.28	42.46
1.824	23.81	6.15	0.61	4.95	38.44	0.28	42.47
1.85	23.81	6.15	0.61	4.94	37.4	0.28	42.47
1.885	23.81	6.15	0.61	4.94	37.37	0.29	42.47
1.931	23.81	6.15	0.61	4.94	36.84	0.29	42.47
1.991	23.8	6.15	0.61	4.95	36.67	0.29	42.47
2.039	23.8	6.15	0.61	4.96	36.48	0.29	42.48
2.08	23.8	6.15	0.61	4.95	36.4	0.32	42.49
2.13	23.81	6.15	0.61	4.95	36.22	0.32	42.48
2.176	23.82	6.15	0.61	4.95	36.26	0.32	42.47
2.207	23.82	6.15	0.61	4.95	36.36	0.32	42.47
2.211	23.82	6.15	0.68	4.98	36.06	0.45	42.47
2.214	23.82	6.15	0.68	4.99	36.38	0.45	42.47
2.222	23.82	6.15	0.66	4.96	29.88	0.44	42.47
2.223	23.82	6.15	0.66	4.98	27.22	0.39	42.47
2.225	23.82	6.15	0.66	4.98	26.67	0.39	42.47

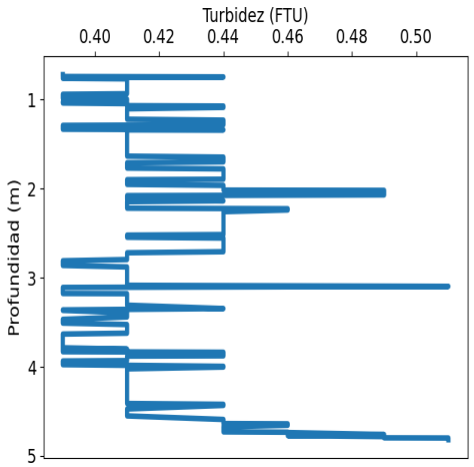
2.226	23.82	6.15	0.63	4.98	26.01	0.37	42.47
2.228	23.82	6.15	0.63	4.98	25.16	0.37	42.47
2.229	23.82	6.15	0.63	4.98	24.9	0.37	42.47
2.231	23.82	6.15	0.7	4.98	24.92	0.34	42.47
2.233	23.82	6.15	0.7	4.99	24.5	0.34	42.47
2.234	23.82	6.15	0.7	4.98	24.3	0.34	42.47
2.235	23.82	6.15	0.7	4.98	24.2	0.34	42.47
2.236	23.82	6.15	0.63	4.98	23.57	0.33	42.47
2.237	23.82	6.15	0.63	4.98	23.49	0.33	42.47
2.239	23.82	6.15	0.63	4.98	23.68	0.33	42.47
2.24	23.82	6.15	0.63	5.0	22.78	0.33	42.47
2.242	23.82	6.15	0.63	4.99	22.85	0.33	42.47
2.243	23.82	6.15	0.61	4.99	22.19	0.33	42.47
2.246	23.82	6.15	0.61	4.98	21.7	0.34	42.47
2.247	23.82	6.15	0.61	4.98	21.35	0.34	42.47
2.25	23.82	6.15	0.61	4.97	21.34	0.34	42.47
2.251	23.82	6.15	0.61	4.98	20.74	0.34	42.47
2.255	23.82	6.15	0.61	4.97	20.09	0.34	42.47
2.257	23.82	6.15	0.61	4.95	19.77	0.33	42.47
2.259	23.82	6.15	0.61	4.94	18.44	0.33	42.47
2.263	23.82	6.15	0.61	4.95	16.92	0.33	42.47
2.265	23.82	6.15	0.61	4.96	14.53	0.3	42.47
2.266	23.82	6.15	0.61	4.96	11.95	0.3	42.47
2.269	23.82	6.15	0.61	4.96	10.14	0.3	42.47
2.27	23.82	6.15	0.61	4.97	10.18	0.3	42.47
2.271	23.82	6.15	0.61	4.97	5.37	0.3	42.47
2.274	23.82	6.15	0.63	4.97	6.57	0.32	42.47
2.276	23.82	6.15	0.63	4.97	2.68	0.3	42.47
2.277	23.82	6.15	0.63	4.97	2.77	0.3	42.47
2.278	23.83	6.15	0.63	4.97	3.23	0.3	42.47

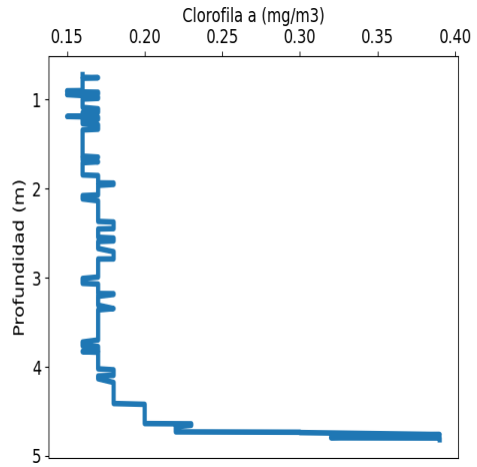
Nombre: CTD E02 - Punto 002 **Fecha: 04/05/2023** **Hora: 06:05:56**

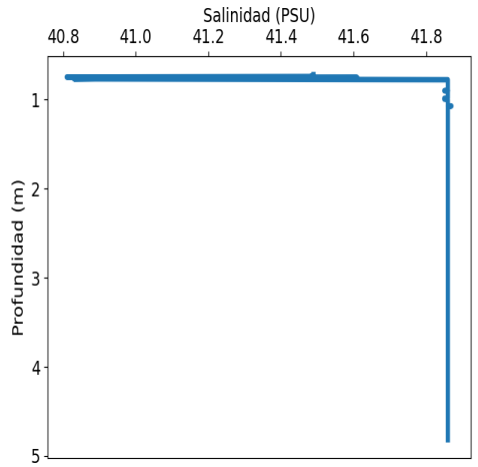


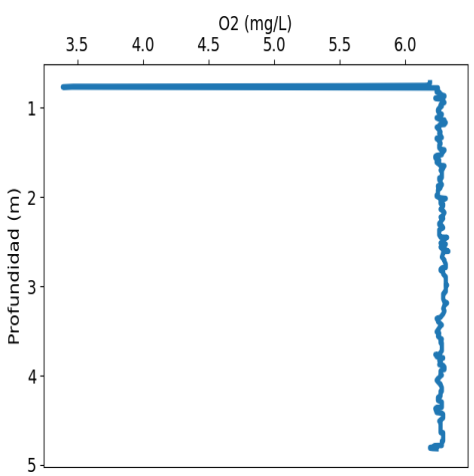


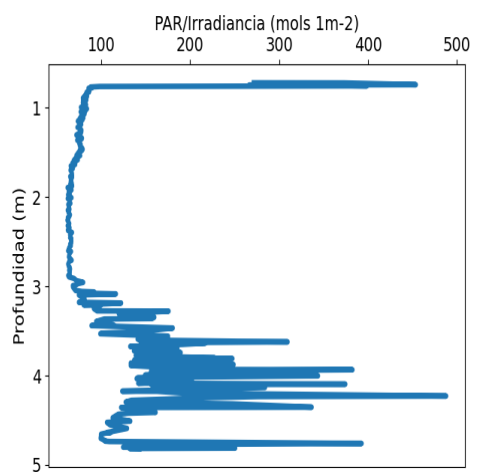












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	22.94	5.84	0.39	3.39	61.81	0.15	40.81
PROF (metros)	0.764	0.77	0.723	0.77	2.26	0.903	0.75
MÁXIMO	23.19	23.19	0.51	6.33	487.95	0.39	41.87
PROF (metros)	2.454	0.78	3.098	2.609	4.229	4.76	1.075

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.14	5.98	0.41	6.12	121.21	0.16	41.74
1 - 2m	23.18	6.0	0.42	6.26	72.44	0.16	41.86
2 - 3m	23.18	6.0	0.43	6.29	64.91	0.17	41.86
3 - 4m	23.17	6.0	0.41	6.28	143.09	0.17	41.86
4 - 5m	23.17	6.0	0.44	6.26	173.28	0.24	41.86

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.723	23.05	5.93	0.39	6.19	271.44	0.16	41.49
0.724	23.06	5.94	0.39	6.19	373.17	0.16	41.49
0.744	23.07	5.94	0.39	6.18	453.85	0.16	41.48
0.748	23.06	5.86	0.44	6.18	266.08	0.16	40.93
0.75	23.05	5.85	0.44	6.18	284.15	0.16	40.81
0.753	23.04	5.95	0.41	6.15	377.03	0.16	41.61
0.757	23.09	5.95	0.41	5.57	398.77	0.17	41.61
0.764	22.94	5.85	0.39	3.47	98.16	0.16	40.9
0.77	22.94	5.84	0.41	3.39	87.78	0.16	40.83
0.78	23.17	6.0	0.41	6.25	89.42	0.16	41.86
0.785	23.17	6.0	0.41	6.25	85.39	0.16	41.86
0.796	23.17	6.0	0.41	6.25	86.01	0.16	41.86
0.808	23.17	6.0	0.41	6.24	86.21	0.16	41.86
0.82	23.17	6.0	0.41	6.24	86.23	0.16	41.86
0.825	23.17	6.0	0.41	6.24	84.55	0.16	41.86
0.826	23.17	6.0	0.41	6.25	86.1	0.16	41.86
0.828	23.17	6.0	0.41	6.26	83.41	0.16	41.86
0.834	23.17	6.0	0.41	6.26	83.17	0.16	41.86
0.847	23.17	6.0	0.41	6.27	82.95	0.16	41.86
0.858	23.17	6.0	0.41	6.28	82.86	0.16	41.86
0.865	23.17	6.0	0.41	6.29	81.55	0.16	41.86
0.869	23.17	6.0	0.41	6.3	81.5	0.16	41.86
0.875	23.17	6.0	0.41	6.3	84.03	0.16	41.86
0.88	23.17	6.0	0.41	6.28	80.33	0.16	41.86
0.885	23.17	6.0	0.41	6.26	82.23	0.16	41.86
0.892	23.17	6.0	0.41	6.24	83.15	0.16	41.86
0.894	23.17	6.0	0.41	6.23	79.21	0.16	41.86
0.896	23.17	5.99	0.41	6.23	82.28	0.16	41.86
0.898	23.17	5.99	0.41	6.24	81.78	0.16	41.86
0.902	23.17	5.99	0.41	6.25	79.91	0.16	41.86
0.903	23.16	5.99	0.41	6.26	80.29	0.15	41.85
0.904	23.16	5.99	0.41	6.27	79.4	0.15	41.86
0.909	23.16	5.99	0.41	6.29	83.24	0.15	41.86
0.914	23.16	5.99	0.41	6.29	80.77	0.15	41.86
0.92	23.16	5.99	0.41	6.29	81.19	0.17	41.86
0.925	23.16	5.99	0.41	6.29	79.85	0.17	41.86
0.928	23.16	5.99	0.41	6.29	82.65	0.17	41.86

0.931	23.15	5.99	0.41	6.29	81.94	0.17	41.86
0.937	23.15	5.99	0.41	6.29	79.78	0.17	41.86
0.943	23.15	5.99	0.39	6.3	82.07	0.15	41.86
0.947	23.15	5.99	0.39	6.29	79.14	0.15	41.86
0.957	23.15	5.99	0.39	6.28	82.1	0.16	41.86
0.969	23.15	5.99	0.39	6.27	82.95	0.16	41.86
0.975	23.16	5.99	0.39	6.27	79.66	0.17	41.86
0.978	23.16	5.99	0.39	6.27	79.89	0.17	41.86
0.984	23.16	5.99	0.39	6.28	81.87	0.17	41.86
0.989	23.16	5.99	0.39	6.27	81.82	0.17	41.85
0.997	23.16	5.99	0.41	6.27	76.95	0.16	41.85
1.005	23.15	5.99	0.41	6.26	81.0	0.16	41.86
1.014	23.16	5.99	0.41	6.26	83.96	0.16	41.86
1.024	23.16	5.99	0.41	6.25	81.44	0.16	41.86
1.027	23.16	5.99	0.39	6.25	79.99	0.16	41.86
1.029	23.16	5.99	0.39	6.25	78.21	0.16	41.86
1.032	23.16	5.99	0.39	6.25	80.93	0.16	41.86
1.036	23.16	5.99	0.39	6.25	82.25	0.16	41.86
1.041	23.16	5.99	0.39	6.25	78.71	0.16	41.86
1.048	23.16	5.99	0.41	6.26	76.67	0.16	41.86
1.057	23.16	5.99	0.41	6.26	78.0	0.16	41.86
1.064	23.16	5.99	0.41	6.26	80.13	0.16	41.86
1.071	23.16	5.99	0.41	6.27	81.26	0.16	41.86
1.075	23.16	6.0	0.44	6.28	79.07	0.16	41.87
1.078	23.17	6.0	0.44	6.28	78.97	0.16	41.86
1.09	23.17	6.0	0.44	6.27	77.31	0.16	41.86
1.106	23.17	6.0	0.41	6.26	77.49	0.17	41.86
1.114	23.18	6.0	0.41	6.24	77.31	0.17	41.86
1.116	23.18	6.0	0.41	6.24	79.89	0.17	41.86
1.122	23.18	6.0	0.41	6.25	75.65	0.17	41.86
1.131	23.18	6.0	0.41	6.26	77.06	0.17	41.86
1.137	23.18	6.0	0.41	6.28	78.92	0.17	41.86
1.14	23.18	6.0	0.41	6.3	77.87	0.17	41.86
1.144	23.18	6.0	0.41	6.3	76.74	0.17	41.86
1.148	23.18	6.0	0.41	6.29	73.69	0.16	41.86
1.153	23.18	6.0	0.41	6.29	77.19	0.16	41.86
1.157	23.18	6.0	0.41	6.29	77.24	0.16	41.86
1.158	23.18	6.0	0.41	6.29	75.39	0.16	41.86
1.159	23.18	6.0	0.41	6.3	73.83	0.16	41.86
1.168	23.18	6.0	0.41	6.31	75.65	0.16	41.86
1.188	23.18	6.0	0.41	6.3	77.43	0.16	41.86
1.192	23.18	6.0	0.41	6.27	75.78	0.15	41.86
1.199	23.18	6.0	0.41	6.26	76.1	0.17	41.86
1.214	23.18	6.0	0.41	6.26	75.68	0.17	41.86
1.221	23.18	6.0	0.41	6.24	73.08	0.17	41.86
1.223	23.18	6.0	0.41	6.26	74.01	0.17	41.86
1.233	23.18	6.0	0.44	6.25	75.65	0.16	41.86
1.252	23.18	6.0	0.44	6.26	77.65	0.16	41.86
1.273	23.18	6.0	0.44	6.27	77.43	0.16	41.86
1.284	23.18	6.0	0.44	6.26	77.1	0.17	41.86
1.285	23.18	6.0	0.44	6.26	74.88	0.17	41.86
1.292	23.18	6.0	0.39	6.26	74.63	0.17	41.86
1.307	23.18	6.0	0.39	6.27	71.81	0.17	41.86
1.321	23.18	6.0	0.39	6.27	74.92	0.17	41.86
1.335	23.18	6.0	0.39	6.28	77.65	0.17	41.86
1.342	23.18	6.0	0.44	6.25	74.21	0.16	41.86
1.343	23.18	6.0	0.41	6.24	78.3	0.16	41.86
1.349	23.18	6.0	0.41	6.24	78.14	0.16	41.86

1.357	23.18	6.0	0.41	6.25	75.75	0.16	41.86
1.365	23.18	6.0	0.41	6.26	72.78	0.16	41.86
1.38	23.18	6.0	0.41	6.26	75.4	0.16	41.86
1.396	23.18	6.0	0.41	6.27	75.04	0.16	41.86
1.408	23.18	6.0	0.41	6.27	76.77	0.16	41.86
1.417	23.18	6.0	0.41	6.26	75.75	0.16	41.86
1.42	23.18	6.0	0.41	6.26	75.67	0.16	41.86
1.433	23.18	6.0	0.41	6.26	76.1	0.16	41.86
1.451	23.18	6.0	0.41	6.26	78.35	0.16	41.86
1.466	23.18	6.0	0.41	6.27	79.11	0.16	41.86
1.472	23.18	6.0	0.41	6.29	76.75	0.16	41.86
1.474	23.18	6.0	0.41	6.3	75.8	0.16	41.86
1.478	23.18	6.0	0.41	6.3	78.4	0.16	41.86
1.486	23.18	6.0	0.41	6.29	77.43	0.16	41.86
1.493	23.18	6.0	0.41	6.29	75.12	0.16	41.86
1.499	23.18	6.0	0.41	6.28	74.73	0.16	41.86
1.511	23.18	6.0	0.41	6.28	73.59	0.16	41.86
1.526	23.18	6.0	0.41	6.28	74.4	0.16	41.86
1.534	23.18	6.0	0.41	6.25	71.95	0.16	41.86
1.537	23.18	6.0	0.41	6.24	76.35	0.16	41.86
1.547	23.18	6.0	0.41	6.23	74.11	0.16	41.86
1.562	23.18	6.0	0.41	6.23	71.98	0.16	41.86
1.575	23.18	6.0	0.41	6.24	70.16	0.16	41.86
1.579	23.18	6.0	0.41	6.24	72.25	0.16	41.86
1.582	23.18	6.0	0.41	6.25	71.06	0.16	41.86
1.585	23.17	6.0	0.41	6.25	73.66	0.16	41.86
1.588	23.17	6.0	0.41	6.26	71.2	0.16	41.86
1.592	23.17	6.0	0.41	6.26	68.93	0.16	41.86
1.6	23.17	6.0	0.41	6.25	70.38	0.16	41.86
1.607	23.17	6.0	0.41	6.24	70.58	0.16	41.86
1.613	23.17	6.0	0.41	6.24	71.04	0.16	41.86
1.616	23.18	6.0	0.41	6.25	69.19	0.16	41.86
1.621	23.18	6.0	0.41	6.25	67.47	0.16	41.86
1.629	23.18	6.0	0.41	6.26	67.75	0.16	41.86
1.637	23.18	6.0	0.41	6.26	70.64	0.16	41.86
1.648	23.18	6.0	0.44	6.27	68.24	0.17	41.86
1.653	23.18	6.0	0.44	6.3	65.5	0.16	41.86
1.661	23.18	6.0	0.44	6.29	67.64	0.16	41.86
1.68	23.18	6.0	0.44	6.29	68.15	0.16	41.86
1.701	23.18	6.0	0.44	6.27	65.26	0.17	41.86
1.711	23.18	6.0	0.41	6.28	65.95	0.16	41.86
1.732	23.18	6.0	0.41	6.28	66.89	0.16	41.86
1.757	23.18	6.0	0.41	6.28	67.08	0.16	41.86
1.771	23.18	6.0	0.41	6.28	64.89	0.16	41.86
1.78	23.18	6.0	0.44	6.28	66.98	0.16	41.86
1.783	23.18	6.0	0.44	6.28	67.08	0.16	41.86
1.785	23.18	6.0	0.44	6.27	66.8	0.16	41.86
1.788	23.18	6.0	0.44	6.26	66.53	0.16	41.86
1.795	23.18	6.0	0.44	6.26	65.6	0.16	41.86
1.809	23.18	6.0	0.44	6.26	66.11	0.16	41.86
1.824	23.18	6.0	0.44	6.27	65.57	0.16	41.86
1.835	23.18	6.0	0.44	6.27	66.34	0.16	41.86
1.848	23.18	6.0	0.44	6.27	66.79	0.16	41.86
1.855	23.18	6.0	0.44	6.27	65.03	0.17	41.86
1.86	23.18	6.0	0.44	6.28	64.93	0.17	41.86
1.865	23.18	6.0	0.44	6.28	65.4	0.17	41.86
1.871	23.18	6.0	0.44	6.26	65.26	0.17	41.86
1.877	23.18	6.0	0.44	6.25	67.2	0.17	41.86

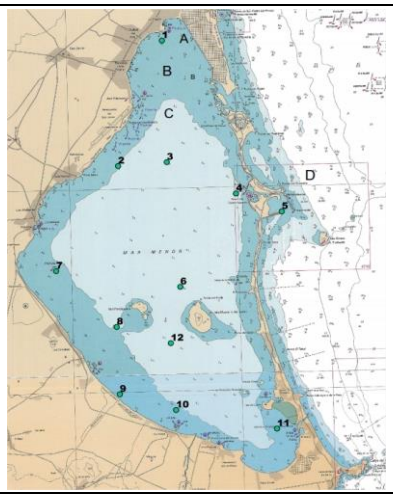
1.885	23.18	6.0	0.44	6.25	66.76	0.17	41.86
1.889	23.18	6.0	0.44	6.26	64.11	0.17	41.86
1.896	23.18	6.0	0.44	6.27	61.97	0.17	41.86
1.901	23.18	6.0	0.41	6.26	62.94	0.17	41.86
1.909	23.18	6.0	0.41	6.26	65.17	0.17	41.86
1.922	23.18	6.0	0.41	6.25	66.54	0.17	41.86
1.932	23.18	6.0	0.41	6.25	64.9	0.17	41.86
1.937	23.18	6.0	0.41	6.25	63.29	0.17	41.86
1.939	23.18	6.0	0.41	6.25	63.92	0.18	41.86
1.943	23.18	6.0	0.41	6.25	64.27	0.18	41.86
1.954	23.18	6.0	0.41	6.25	64.68	0.18	41.86
1.965	23.18	6.0	0.44	6.25	63.62	0.17	41.86
1.975	23.18	6.0	0.44	6.25	62.54	0.17	41.86
1.983	23.18	6.0	0.44	6.24	63.79	0.17	41.86
1.992	23.18	6.0	0.44	6.24	63.9	0.17	41.86
1.999	23.18	6.0	0.44	6.25	65.36	0.17	41.86
2.009	23.18	6.0	0.44	6.26	66.54	0.17	41.86
2.018	23.18	6.0	0.44	6.31	62.15	0.17	41.86
2.021	23.18	6.0	0.49	6.29	63.96	0.17	41.86
2.028	23.18	6.0	0.49	6.28	63.46	0.17	41.86
2.047	23.18	6.0	0.49	6.27	64.28	0.17	41.86
2.072	23.18	6.0	0.49	6.27	65.32	0.17	41.86
2.079	23.18	6.0	0.41	6.29	63.68	0.16	41.86
2.08	23.18	6.0	0.41	6.29	63.03	0.16	41.86
2.085	23.18	6.0	0.41	6.29	62.76	0.16	41.86
2.1	23.18	6.0	0.41	6.29	63.68	0.16	41.86
2.117	23.18	6.0	0.41	6.28	63.51	0.16	41.86
2.138	23.18	6.0	0.44	6.27	64.22	0.17	41.86
2.148	23.18	6.0	0.41	6.28	62.2	0.17	41.86
2.157	23.18	6.0	0.41	6.29	63.05	0.17	41.86
2.176	23.18	6.0	0.41	6.3	63.16	0.17	41.86
2.2	23.18	6.0	0.41	6.29	64.79	0.17	41.86
2.221	23.18	6.0	0.41	6.28	63.9	0.17	41.86
2.227	23.18	6.0	0.46	6.27	62.71	0.17	41.86
2.23	23.18	6.0	0.46	6.28	62.33	0.17	41.86
2.241	23.18	6.0	0.46	6.29	62.87	0.17	41.86
2.26	23.18	6.0	0.44	6.28	61.81	0.17	41.86
2.281	23.18	6.0	0.44	6.27	63.08	0.17	41.86
2.298	23.18	6.0	0.44	6.26	63.93	0.17	41.86
2.309	23.18	6.0	0.44	6.26	63.05	0.17	41.86
2.322	23.18	6.0	0.44	6.28	62.12	0.17	41.86
2.345	23.18	6.0	0.44	6.29	64.34	0.17	41.86
2.369	23.18	6.0	0.44	6.26	62.35	0.17	41.86
2.376	23.18	6.0	0.44	6.26	62.48	0.18	41.86
2.398	23.18	6.0	0.44	6.26	67.07	0.18	41.86
2.425	23.18	6.0	0.44	6.26	64.76	0.18	41.86
2.45	23.18	6.0	0.44	6.27	65.56	0.18	41.86
2.454	23.19	6.0	0.44	6.32	65.82	0.17	41.86
2.456	23.19	6.0	0.44	6.31	64.8	0.17	41.86
2.471	23.19	6.0	0.44	6.3	66.18	0.17	41.86
2.494	23.19	6.0	0.44	6.29	66.25	0.17	41.86
2.517	23.19	6.0	0.44	6.27	66.09	0.17	41.86
2.523	23.19	6.0	0.41	6.3	65.72	0.17	41.86
2.529	23.19	6.0	0.41	6.31	64.83	0.17	41.86
2.547	23.19	6.0	0.41	6.3	65.76	0.17	41.86
2.556	23.19	6.0	0.44	6.28	64.66	0.18	41.86
2.562	23.19	6.0	0.44	6.27	64.18	0.18	41.86
2.575	23.19	6.0	0.44	6.28	63.59	0.18	41.86

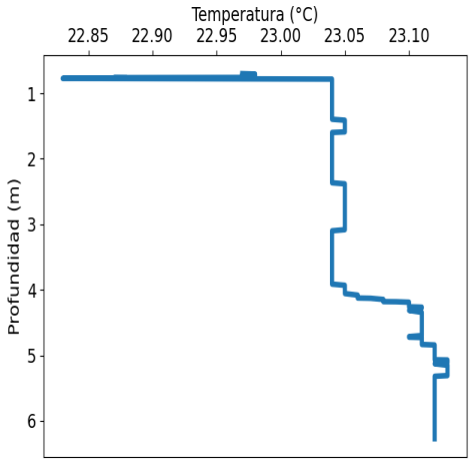
2.588	23.18	6.0	0.44	6.29	63.84	0.18	41.86
2.595	23.18	6.0	0.44	6.31	64.08	0.17	41.86
2.6	23.18	6.0	0.44	6.32	63.01	0.17	41.86
2.603	23.18	6.0	0.44	6.32	62.63	0.17	41.86
2.609	23.18	6.0	0.44	6.33	64.18	0.17	41.86
2.611	23.18	6.0	0.44	6.29	66.02	0.17	41.86
2.629	23.18	6.0	0.44	6.29	64.24	0.17	41.86
2.673	23.18	6.0	0.44	6.28	63.52	0.17	41.86
2.709	23.18	6.0	0.44	6.3	66.69	0.18	41.86
2.721	23.18	6.0	0.41	6.3	64.0	0.18	41.86
2.752	23.18	6.0	0.41	6.31	62.74	0.18	41.86
2.79	23.18	6.0	0.41	6.31	63.82	0.18	41.86
2.791	23.18	6.0	0.41	6.29	64.58	0.17	41.86
2.797	23.18	6.0	0.41	6.28	64.68	0.17	41.86
2.811	23.18	6.0	0.39	6.27	64.9	0.17	41.86
2.822	23.18	6.0	0.39	6.27	63.71	0.17	41.86
2.838	23.18	6.0	0.39	6.29	64.56	0.17	41.86
2.863	23.18	6.0	0.39	6.29	64.44	0.17	41.86
2.88	23.18	6.0	0.41	6.3	62.71	0.17	41.86
2.895	23.18	6.0	0.41	6.31	63.51	0.17	41.86
2.914	23.18	6.0	0.41	6.31	69.49	0.17	41.86
2.937	23.18	6.0	0.41	6.31	71.9	0.17	41.86
2.957	23.18	6.0	0.41	6.31	79.7	0.17	41.86
2.97	23.18	6.0	0.41	6.31	74.03	0.17	41.86
2.981	23.18	6.0	0.41	6.31	72.2	0.17	41.86
2.988	23.18	6.0	0.41	6.32	71.4	0.17	41.86
2.993	23.18	6.0	0.41	6.31	67.9	0.17	41.86
3.009	23.18	6.0	0.41	6.31	68.08	0.16	41.86
3.029	23.18	6.0	0.41	6.31	69.5	0.16	41.86
3.047	23.18	6.0	0.41	6.31	70.84	0.16	41.86
3.059	23.18	6.0	0.41	6.31	78.35	0.16	41.86
3.064	23.18	6.0	0.41	6.3	91.98	0.16	41.86
3.072	23.18	6.0	0.41	6.3	78.81	0.17	41.86
3.076	23.18	6.0	0.41	6.3	82.1	0.17	41.86
3.078	23.18	6.0	0.41	6.3	81.39	0.17	41.86
3.086	23.18	6.0	0.41	6.29	116.52	0.17	41.86
3.098	23.18	6.0	0.51	6.29	74.61	0.17	41.86
3.11	23.18	6.0	0.39	6.29	76.77	0.17	41.86
3.142	23.18	6.0	0.39	6.29	81.19	0.17	41.86
3.178	23.18	6.0	0.39	6.3	75.5	0.17	41.86
3.179	23.18	6.0	0.41	6.3	80.29	0.18	41.86
3.18	23.18	6.0	0.41	6.31	74.7	0.18	41.86
3.188	23.18	6.0	0.41	6.32	122.35	0.18	41.86
3.209	23.17	6.0	0.41	6.3	80.06	0.17	41.86
3.213	23.17	6.0	0.41	6.3	99.59	0.17	41.86
3.251	23.17	6.0	0.41	6.29	91.54	0.17	41.86
3.276	23.17	6.0	0.41	6.3	95.16	0.17	41.86
3.279	23.17	6.0	0.41	6.3	175.73	0.17	41.86
3.309	23.17	6.0	0.41	6.29	119.65	0.17	41.86
3.347	23.17	6.0	0.44	6.27	159.7	0.18	41.86
3.362	23.17	6.0	0.39	6.24	157.17	0.17	41.86
3.367	23.17	6.0	0.39	6.25	103.35	0.17	41.86
3.395	23.17	6.0	0.41	6.25	94.1	0.17	41.86
3.434	23.17	6.0	0.41	6.28	114.05	0.17	41.86
3.441	23.17	6.0	0.41	6.27	88.82	0.17	41.86
3.468	23.17	6.0	0.39	6.26	180.45	0.17	41.86
3.51	23.17	6.0	0.39	6.24	141.21	0.17	41.86
3.526	23.17	6.0	0.41	6.26	100.67	0.17	41.86

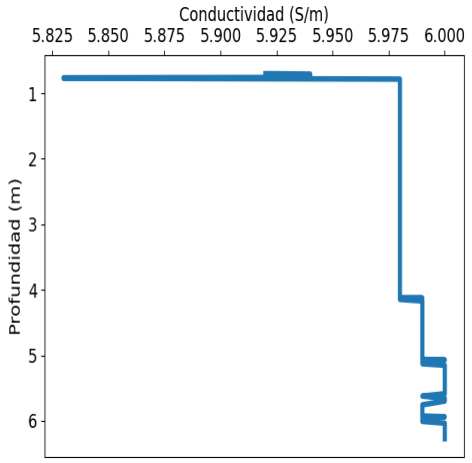
3.532	23.17	6.0	0.41	6.26	98.68	0.17	41.86
3.559	23.17	6.0	0.41	6.25	175.16	0.17	41.86
3.586	23.17	6.0	0.41	6.27	168.54	0.17	41.86
3.592	23.17	6.0	0.41	6.28	140.75	0.17	41.86
3.605	23.17	6.0	0.41	6.27	162.13	0.17	41.86
3.623	23.17	6.0	0.41	6.27	309.61	0.17	41.86
3.633	23.17	6.0	0.39	6.27	144.31	0.17	41.86
3.636	23.17	6.0	0.39	6.28	217.21	0.17	41.86
3.651	23.17	6.0	0.39	6.28	191.69	0.17	41.86
3.674	23.17	6.0	0.39	6.28	132.38	0.17	41.86
3.699	23.17	6.0	0.39	6.28	185.74	0.17	41.86
3.722	23.17	6.0	0.39	6.28	136.53	0.16	41.86
3.743	23.17	6.0	0.39	6.27	189.31	0.16	41.86
3.763	23.17	6.0	0.39	6.26	159.25	0.16	41.86
3.764	23.17	6.0	0.39	6.24	143.46	0.16	41.86
3.765	23.17	6.0	0.39	6.23	147.21	0.16	41.86
3.773	23.17	6.0	0.39	6.24	138.55	0.17	41.86
3.787	23.17	6.0	0.39	6.24	170.2	0.17	41.86
3.802	23.17	6.0	0.41	6.29	227.68	0.17	41.86
3.804	23.17	6.0	0.39	6.29	196.45	0.17	41.86
3.81	23.17	6.0	0.39	6.28	247.54	0.17	41.86
3.819	23.17	6.0	0.39	6.27	221.29	0.17	41.86
3.825	23.17	6.0	0.39	6.27	137.01	0.16	41.86
3.826	23.17	6.0	0.39	6.27	141.34	0.16	41.86
3.831	23.17	6.0	0.39	6.26	190.39	0.16	41.86
3.837	23.17	6.0	0.44	6.27	182.88	0.17	41.86
3.847	23.17	6.0	0.44	6.27	187.37	0.17	41.86
3.861	23.17	6.0	0.44	6.27	132.99	0.17	41.86
3.877	23.17	6.0	0.44	6.26	248.9	0.17	41.86
3.88	23.17	6.0	0.41	6.28	146.21	0.17	41.86
3.887	23.17	6.0	0.41	6.29	132.99	0.17	41.86
3.905	23.17	6.0	0.41	6.3	163.27	0.17	41.86
3.931	23.17	6.0	0.41	6.3	170.99	0.17	41.86
3.935	23.17	6.0	0.39	6.28	382.6	0.17	41.86
3.95	23.17	6.0	0.39	6.27	155.8	0.17	41.86
3.976	23.17	6.0	0.39	6.27	180.65	0.17	41.86
3.995	23.17	6.0	0.44	6.28	149.06	0.17	41.86
4.003	23.17	6.0	0.44	6.27	343.84	0.17	41.86
4.023	23.17	6.0	0.41	6.26	141.09	0.17	41.86
4.034	23.17	6.0	0.41	6.25	139.55	0.18	41.86
4.052	23.17	6.0	0.41	6.24	201.94	0.18	41.86
4.085	23.17	6.0	0.41	6.26	141.4	0.18	41.86
4.096	23.17	6.0	0.41	6.27	374.57	0.18	41.86
4.103	23.17	6.0	0.41	6.27	156.34	0.17	41.86
4.134	23.17	6.0	0.41	6.28	284.15	0.17	41.86
4.175	23.17	6.0	0.41	6.28	123.42	0.18	41.86
4.176	23.17	6.0	0.41	6.27	162.84	0.18	41.86
4.196	23.17	6.0	0.41	6.27	193.5	0.18	41.86
4.229	23.17	6.0	0.41	6.27	487.95	0.18	41.86
4.235	23.17	6.0	0.41	6.26	276.23	0.18	41.86
4.246	23.17	6.0	0.41	6.25	222.99	0.18	41.86
4.277	23.17	6.0	0.41	6.25	133.84	0.18	41.86
4.297	23.17	6.0	0.41	6.28	127.29	0.18	41.86
4.317	23.17	6.0	0.41	6.28	247.92	0.18	41.86
4.354	23.17	6.0	0.41	6.28	336.69	0.18	41.86
4.357	23.17	6.0	0.41	6.24	122.11	0.18	41.86
4.37	23.17	6.0	0.41	6.23	150.4	0.18	41.86
4.412	23.17	6.0	0.41	6.24	161.18	0.18	41.86

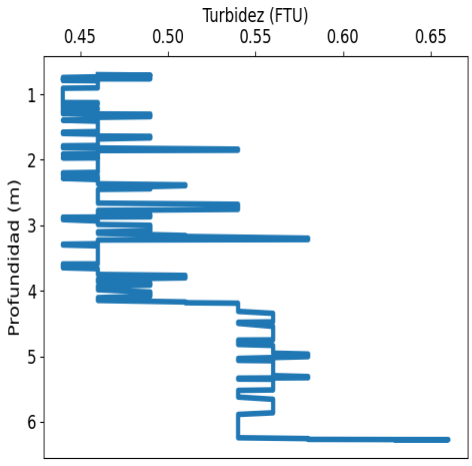
4.421	23.17	6.0	0.44	6.28	130.62	0.2	41.86
4.433	23.17	6.0	0.44	6.29	119.05	0.2	41.86
4.473	23.17	6.0	0.41	6.29	112.61	0.2	41.86
4.51	23.17	6.0	0.41	6.26	132.64	0.2	41.86
4.524	23.17	6.0	0.41	6.27	106.28	0.2	41.86
4.551	23.17	6.0	0.41	6.27	109.71	0.2	41.86
4.591	23.17	6.0	0.44	6.27	129.0	0.2	41.86
4.637	23.17	6.0	0.44	6.27	106.7	0.2	41.86
4.64	23.17	6.0	0.46	6.29	110.24	0.23	41.86
4.644	23.17	6.0	0.46	6.29	104.78	0.23	41.86
4.656	23.17	6.0	0.46	6.29	99.59	0.23	41.86
4.673	23.17	6.0	0.44	6.29	99.61	0.22	41.86
4.702	23.17	6.0	0.44	6.29	99.14	0.22	41.86
4.73	23.17	6.0	0.44	6.29	104.67	0.22	41.86
4.734	23.17	6.0	0.46	6.28	104.26	0.3	41.86
4.738	23.17	6.0	0.46	6.28	109.04	0.3	41.86
4.76	23.17	6.0	0.49	6.28	392.88	0.39	41.86
4.772	23.17	6.0	0.46	6.28	164.09	0.35	41.86
4.782	23.17	6.0	0.49	6.28	175.93	0.33	41.86
4.783	23.17	6.0	0.49	6.26	144.46	0.33	41.86
4.784	23.17	6.0	0.49	6.23	143.11	0.33	41.86
4.788	23.17	6.0	0.49	6.22	148.34	0.33	41.86
4.791	23.17	6.0	0.49	6.22	148.86	0.32	41.86
4.794	23.17	6.0	0.49	6.23	222.02	0.32	41.86
4.797	23.17	6.0	0.49	6.24	217.4	0.32	41.86
4.799	23.18	6.0	0.51	6.23	138.06	0.39	41.86
4.801	23.18	6.0	0.51	6.21	124.4	0.39	41.86
4.805	23.17	6.0	0.51	6.19	158.79	0.39	41.86
4.812	23.17	6.0	0.51	6.19	250.59	0.39	41.86
4.816	23.17	6.0	0.51	6.21	131.69	0.39	41.86
4.818	23.17	6.0	0.51	6.24	142.92	0.39	41.86

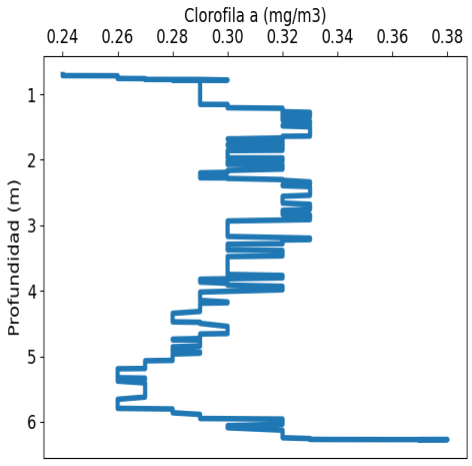
Nombre: CTD E03 - Punto 003 **Fecha: 04/05/2023** **Hora: 07:05:49**

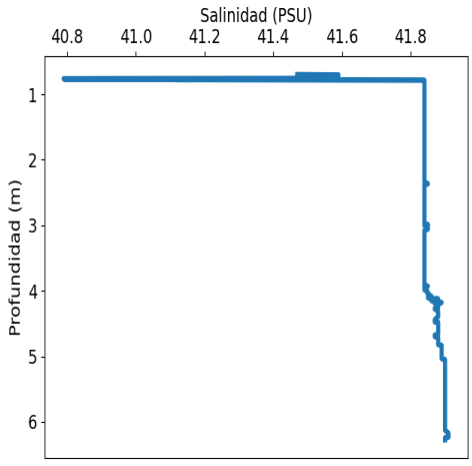


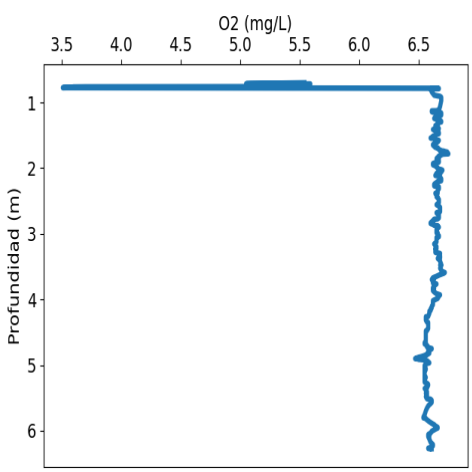


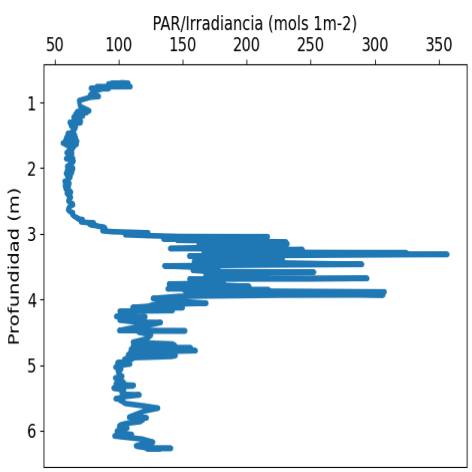












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	22.83	5.83	0.44	3.51	56.32	0.24	40.79
PROF (metros)	0.774	0.764	0.744	0.774	1.619	0.701	0.764
MÁXIMO	23.13	23.13	0.66	6.75	356.72	0.38	41.91
PROF (metros)	5.072	5.069	6.272	1.782	3.315	6.272	6.176

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	22.99	5.94	0.46	5.64	90.06	0.27	41.58
1 - 2m	23.04	5.98	0.46	6.66	64.6	0.32	41.84
2 - 3m	23.05	5.98	0.47	6.66	67.4	0.32	41.84
3 - 4m	23.04	5.98	0.47	6.66	191.47	0.31	41.84
4 - 5m	23.1	5.99	0.54	6.57	120.43	0.29	41.88
5 - 6m	23.12	6.0	0.55	6.57	104.66	0.27	41.9
6 - 7m	23.12	6.0	0.57	6.6	117.94	0.33	41.9

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	22.97	5.92	0.46	5.54	103.23	0.24	41.47
0.707	22.98	5.94	0.49	5.27	107.69	0.24	41.59
0.708	22.97	5.94	0.49	5.22	105.47	0.24	41.58
0.71	22.97	5.94	0.49	5.15	94.29	0.24	41.58
0.712	22.97	5.94	0.49	5.09	101.11	0.24	41.58
0.716	22.97	5.94	0.46	5.05	99.7	0.24	41.57
0.717	22.98	5.94	0.49	5.58	101.86	0.26	41.56
0.718	22.98	5.94	0.49	5.59	91.86	0.26	41.56
0.744	22.98	5.94	0.44	5.57	93.34	0.26	41.57
0.759	22.97	5.93	0.44	5.39	109.4	0.26	41.57
0.762	22.87	5.84	0.49	3.7	82.68	0.27	40.9
0.764	22.88	5.83	0.44	3.6	89.93	0.27	40.79
0.771	22.88	5.83	0.44	3.58	92.63	0.27	40.8
0.774	22.83	5.87	0.44	3.51	89.82	0.27	41.16
0.775	22.86	5.87	0.46	3.51	91.86	0.29	41.12
0.783	23.04	5.97	0.44	6.63	90.11	0.3	41.8
0.784	23.04	5.98	0.44	6.66	78.19	0.29	41.83
0.786	23.04	5.98	0.44	6.66	91.26	0.28	41.84
0.787	23.04	5.98	0.44	6.67	79.63	0.29	41.84
0.79	23.04	5.98	0.44	6.67	92.35	0.29	41.84
0.794	23.04	5.98	0.46	6.6	82.32	0.29	41.84
0.798	23.04	5.98	0.46	6.6	85.91	0.29	41.84
0.839	23.04	5.98	0.46	6.61	80.34	0.29	41.84
0.889	23.04	5.98	0.46	6.63	77.58	0.29	41.84
0.903	23.04	5.98	0.46	6.67	77.43	0.29	41.84
0.908	23.04	5.98	0.44	6.68	84.68	0.29	41.84
0.921	23.04	5.98	0.44	6.69	77.87	0.29	41.84
0.971	23.04	5.98	0.44	6.69	69.0	0.29	41.84
1.06	23.04	5.98	0.44	6.68	69.9	0.29	41.84
1.114	23.04	5.98	0.44	6.67	75.93	0.29	41.84
1.127	23.04	5.98	0.44	6.65	75.72	0.29	41.84
1.128	23.04	5.98	0.46	6.61	77.21	0.29	41.84
1.134	23.04	5.98	0.46	6.61	70.07	0.29	41.84
1.14	23.04	5.98	0.46	6.61	67.48	0.29	41.84
1.149	23.04	5.98	0.46	6.62	68.3	0.29	41.84

1.153	23.04	5.98	0.44	6.64	70.61	0.29	41.84
1.155	23.04	5.98	0.44	6.65	75.2	0.29	41.84
1.156	23.04	5.98	0.44	6.68	68.19	0.3	41.84
1.161	23.04	5.98	0.44	6.69	68.54	0.3	41.84
1.173	23.04	5.98	0.44	6.69	66.34	0.3	41.84
1.192	23.04	5.98	0.44	6.69	70.27	0.3	41.84
1.206	23.04	5.98	0.44	6.68	72.35	0.3	41.84
1.214	23.04	5.98	0.46	6.67	65.36	0.32	41.84
1.223	23.04	5.98	0.46	6.65	64.68	0.32	41.84
1.227	23.04	5.98	0.46	6.64	69.07	0.32	41.84
1.234	23.04	5.98	0.46	6.64	69.08	0.32	41.84
1.239	23.04	5.98	0.44	6.64	65.76	0.32	41.84
1.243	23.04	5.98	0.44	6.63	67.01	0.32	41.84
1.252	23.04	5.98	0.44	6.65	66.57	0.32	41.84
1.266	23.04	5.98	0.44	6.66	64.9	0.32	41.84
1.277	23.04	5.98	0.44	6.68	67.11	0.33	41.84
1.287	23.04	5.98	0.44	6.69	70.67	0.33	41.84
1.293	23.04	5.98	0.44	6.69	65.54	0.33	41.84
1.297	23.04	5.98	0.44	6.69	67.56	0.33	41.84
1.298	23.04	5.98	0.44	6.68	66.85	0.33	41.84
1.304	23.04	5.98	0.49	6.67	61.66	0.32	41.84
1.308	23.04	5.98	0.49	6.66	67.11	0.32	41.84
1.309	23.04	5.98	0.49	6.67	70.42	0.32	41.84
1.319	23.04	5.98	0.49	6.66	66.53	0.32	41.84
1.33	23.04	5.98	0.49	6.66	65.83	0.33	41.84
1.342	23.04	5.98	0.49	6.66	62.56	0.33	41.84
1.353	23.04	5.98	0.46	6.64	63.65	0.32	41.84
1.36	23.04	5.98	0.46	6.65	62.89	0.32	41.84
1.377	23.04	5.98	0.46	6.66	66.67	0.32	41.84
1.397	23.04	5.98	0.44	6.67	66.14	0.32	41.84
1.412	23.05	5.98	0.46	6.62	65.2	0.33	41.84
1.415	23.05	5.98	0.46	6.63	65.57	0.33	41.84
1.428	23.05	5.98	0.46	6.65	64.24	0.33	41.84
1.446	23.05	5.98	0.46	6.66	64.28	0.33	41.84
1.461	23.05	5.98	0.46	6.67	62.49	0.33	41.84
1.472	23.05	5.98	0.46	6.67	62.5	0.32	41.84
1.473	23.05	5.98	0.46	6.67	60.13	0.32	41.84
1.476	23.05	5.98	0.46	6.67	64.7	0.32	41.84
1.484	23.05	5.98	0.46	6.65	65.23	0.32	41.84
1.497	23.05	5.98	0.46	6.64	66.12	0.33	41.84
1.515	23.05	5.98	0.46	6.62	63.28	0.33	41.84
1.532	23.05	5.98	0.46	6.62	59.03	0.33	41.84
1.542	23.05	5.98	0.46	6.6	66.83	0.33	41.84
1.546	23.05	5.98	0.46	6.62	65.93	0.33	41.84
1.557	23.05	5.98	0.46	6.64	61.47	0.33	41.84
1.57	23.05	5.98	0.46	6.65	58.42	0.33	41.84
1.578	23.05	5.98	0.44	6.67	61.06	0.33	41.84
1.583	23.05	5.98	0.44	6.66	63.79	0.33	41.84
1.59	23.05	5.98	0.44	6.66	67.79	0.33	41.84
1.599	23.04	5.98	0.44	6.66	63.79	0.33	41.84
1.61	23.04	5.98	0.46	6.65	60.1	0.33	41.84
1.619	23.04	5.98	0.46	6.64	56.32	0.33	41.84
1.629	23.04	5.98	0.46	6.63	60.83	0.33	41.84
1.638	23.04	5.98	0.46	6.64	67.38	0.33	41.84
1.641	23.04	5.98	0.49	6.62	62.28	0.32	41.84
1.642	23.04	5.98	0.49	6.62	59.08	0.32	41.84
1.649	23.04	5.98	0.49	6.62	59.02	0.32	41.84
1.667	23.04	5.98	0.49	6.63	62.85	0.32	41.84

1.683	23.04	5.98	0.46	6.64	65.02	0.3	41.84
1.692	23.04	5.98	0.46	6.66	61.99	0.32	41.84
1.699	23.04	5.98	0.46	6.66	63.84	0.32	41.84
1.712	23.04	5.98	0.46	6.67	61.97	0.32	41.84
1.726	23.04	5.98	0.46	6.68	61.34	0.32	41.84
1.734	23.04	5.98	0.46	6.68	60.82	0.32	41.84
1.737	23.04	5.98	0.46	6.69	61.59	0.32	41.84
1.741	23.04	5.98	0.46	6.71	63.64	0.32	41.84
1.748	23.04	5.98	0.46	6.72	63.66	0.32	41.84
1.756	23.04	5.98	0.46	6.74	62.57	0.32	41.84
1.765	23.04	5.98	0.46	6.74	59.21	0.3	41.84
1.773	23.04	5.98	0.46	6.74	60.08	0.3	41.84
1.782	23.04	5.98	0.46	6.75	63.51	0.3	41.84
1.786	23.04	5.98	0.44	6.72	63.83	0.32	41.84
1.787	23.04	5.98	0.44	6.7	61.53	0.32	41.84
1.799	23.04	5.98	0.44	6.69	60.6	0.32	41.84
1.816	23.04	5.98	0.44	6.67	61.86	0.32	41.84
1.838	23.04	5.98	0.54	6.66	61.72	0.32	41.84
1.849	23.04	5.98	0.54	6.66	63.33	0.32	41.84
1.851	23.04	5.98	0.54	6.66	64.55	0.32	41.84
1.854	23.04	5.98	0.54	6.67	63.1	0.32	41.84
1.855	23.04	5.98	0.54	6.65	58.86	0.32	41.84
1.86	23.04	5.98	0.46	6.66	60.39	0.3	41.84
1.873	23.04	5.98	0.46	6.66	64.55	0.3	41.84
1.891	23.04	5.98	0.46	6.67	64.99	0.3	41.84
1.907	23.04	5.98	0.46	6.67	62.24	0.3	41.84
1.913	23.04	5.98	0.44	6.66	64.34	0.3	41.84
1.916	23.04	5.98	0.44	6.64	63.79	0.3	41.84
1.931	23.04	5.98	0.46	6.62	63.05	0.3	41.84
1.949	23.04	5.98	0.46	6.62	61.55	0.3	41.84
1.965	23.04	5.98	0.46	6.64	60.52	0.3	41.84
1.971	23.04	5.98	0.44	6.65	60.8	0.3	41.84
1.973	23.04	5.98	0.46	6.65	59.64	0.32	41.84
1.983	23.04	5.98	0.46	6.65	61.02	0.32	41.84
1.999	23.04	5.98	0.46	6.66	64.55	0.32	41.84
2.016	23.04	5.98	0.46	6.67	64.51	0.32	41.84
2.024	23.04	5.98	0.46	6.69	62.3	0.3	41.84
2.032	23.04	5.98	0.46	6.7	59.58	0.3	41.84
2.047	23.04	5.98	0.46	6.69	61.32	0.3	41.84
2.06	23.04	5.98	0.46	6.69	63.22	0.3	41.84
2.067	23.04	5.98	0.46	6.67	63.82	0.3	41.84
2.07	23.04	5.98	0.46	6.66	63.57	0.3	41.84
2.074	23.04	5.98	0.46	6.66	60.91	0.32	41.84
2.082	23.04	5.98	0.46	6.65	58.74	0.32	41.84
2.095	23.04	5.98	0.46	6.65	60.4	0.32	41.84
2.112	23.04	5.98	0.46	6.64	62.59	0.32	41.84
2.119	23.04	5.98	0.46	6.67	59.76	0.32	41.84
2.125	23.04	5.98	0.46	6.68	60.0	0.32	41.84
2.142	23.04	5.98	0.46	6.68	62.41	0.32	41.84
2.163	23.04	5.98	0.46	6.69	61.16	0.3	41.84
2.182	23.04	5.98	0.46	6.69	60.22	0.3	41.84
2.192	23.04	5.98	0.46	6.69	60.22	0.3	41.84
2.2	23.04	5.98	0.44	6.67	58.42	0.29	41.84
2.202	23.04	5.98	0.44	6.66	57.67	0.29	41.84
2.213	23.04	5.98	0.44	6.66	61.03	0.29	41.84
2.232	23.04	5.98	0.44	6.64	61.77	0.29	41.84
2.248	23.04	5.98	0.46	6.63	60.31	0.29	41.84
2.262	23.04	5.98	0.46	6.63	58.29	0.29	41.84

2.27	23.04	5.98	0.46	6.63	57.89	0.29	41.84
2.275	23.04	5.98	0.46	6.64	59.03	0.29	41.84
2.277	23.04	5.98	0.44	6.65	61.26	0.3	41.84
2.285	23.04	5.98	0.44	6.67	60.7	0.3	41.84
2.303	23.04	5.98	0.46	6.67	59.12	0.32	41.84
2.314	23.04	5.98	0.46	6.67	58.5	0.32	41.84
2.339	23.04	5.98	0.46	6.66	61.63	0.33	41.84
2.367	23.04	5.98	0.46	6.66	62.97	0.33	41.85
2.382	23.05	5.98	0.51	6.66	59.36	0.32	41.84
2.383	23.05	5.98	0.51	6.65	61.89	0.32	41.84
2.384	23.05	5.98	0.51	6.64	62.27	0.32	41.84
2.396	23.05	5.98	0.51	6.65	61.97	0.32	41.84
2.41	23.05	5.98	0.49	6.65	60.5	0.33	41.84
2.422	23.05	5.98	0.49	6.65	61.69	0.33	41.84
2.436	23.05	5.98	0.49	6.65	62.15	0.33	41.84
2.444	23.05	5.98	0.49	6.66	62.92	0.33	41.84
2.453	23.05	5.98	0.46	6.66	62.26	0.33	41.84
2.478	23.05	5.98	0.46	6.67	61.11	0.33	41.84
2.5	23.05	5.98	0.46	6.67	60.59	0.33	41.84
2.526	23.05	5.98	0.46	6.67	62.2	0.33	41.84
2.542	23.05	5.98	0.46	6.66	64.15	0.33	41.84
2.558	23.05	5.98	0.46	6.65	64.6	0.32	41.84
2.576	23.05	5.98	0.46	6.67	62.64	0.32	41.84
2.597	23.05	5.98	0.46	6.68	61.28	0.32	41.84
2.619	23.05	5.98	0.46	6.68	60.64	0.32	41.84
2.635	23.05	5.98	0.46	6.68	60.46	0.32	41.84
2.662	23.05	5.98	0.46	6.68	61.89	0.32	41.84
2.68	23.05	5.98	0.54	6.65	64.58	0.33	41.84
2.683	23.05	5.98	0.54	6.65	63.51	0.33	41.84
2.707	23.05	5.98	0.54	6.67	63.76	0.33	41.84
2.737	23.05	5.98	0.54	6.67	65.42	0.33	41.84
2.758	23.05	5.98	0.54	6.67	67.91	0.33	41.84
2.773	23.05	5.98	0.46	6.66	68.12	0.32	41.84
2.779	23.05	5.98	0.46	6.63	70.38	0.32	41.84
2.784	23.05	5.98	0.46	6.63	72.06	0.32	41.84
2.802	23.05	5.98	0.46	6.62	72.03	0.32	41.84
2.818	23.05	5.98	0.46	6.61	70.39	0.32	41.84
2.827	23.05	5.98	0.46	6.62	74.18	0.32	41.84
2.835	23.05	5.98	0.46	6.6	80.77	0.32	41.84
2.843	23.05	5.98	0.49	6.6	80.56	0.33	41.84
2.85	23.05	5.98	0.49	6.61	77.56	0.33	41.84
2.857	23.05	5.98	0.49	6.62	77.24	0.33	41.84
2.871	23.05	5.98	0.49	6.63	79.64	0.33	41.84
2.877	23.05	5.98	0.44	6.66	83.08	0.33	41.84
2.884	23.05	5.98	0.44	6.66	83.45	0.33	41.84
2.899	23.05	5.98	0.44	6.67	88.51	0.33	41.84
2.914	23.05	5.98	0.44	6.66	89.64	0.33	41.84
2.935	23.05	5.98	0.46	6.65	88.24	0.3	41.84
2.955	23.05	5.98	0.46	6.65	87.26	0.3	41.84
2.969	23.05	5.98	0.46	6.65	95.18	0.3	41.84
2.986	23.05	5.98	0.46	6.65	123.26	0.3	41.84
2.988	23.05	5.98	0.46	6.66	110.17	0.3	41.85
3.0	23.05	5.98	0.49	6.66	106.38	0.3	41.84
3.015	23.05	5.98	0.49	6.66	105.01	0.3	41.85
3.029	23.05	5.98	0.49	6.67	123.21	0.3	41.85
3.042	23.05	5.98	0.49	6.67	148.18	0.3	41.85
3.045	23.05	5.98	0.49	6.67	216.55	0.3	41.85
3.049	23.05	5.98	0.49	6.66	147.31	0.3	41.85

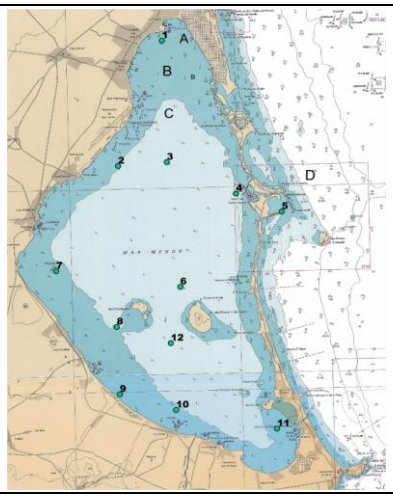
3.057	23.05	5.98	0.49	6.65	192.95	0.3	41.85
3.079	23.05	5.98	0.49	6.65	134.78	0.3	41.84
3.083	23.05	5.98	0.49	6.65	152.06	0.3	41.84
3.1	23.04	5.98	0.46	6.65	145.67	0.3	41.84
3.124	23.04	5.98	0.46	6.65	230.74	0.3	41.84
3.156	23.04	5.98	0.51	6.63	231.91	0.3	41.84
3.171	23.04	5.98	0.51	6.64	162.31	0.3	41.84
3.197	23.04	5.98	0.58	6.65	191.73	0.33	41.84
3.219	23.04	5.98	0.58	6.64	154.27	0.33	41.84
3.225	23.04	5.98	0.46	6.65	140.1	0.32	41.84
3.241	23.04	5.98	0.46	6.64	243.67	0.32	41.84
3.265	23.04	5.98	0.46	6.64	210.61	0.32	41.84
3.282	23.04	5.98	0.46	6.64	197.91	0.32	41.84
3.289	23.04	5.98	0.44	6.65	324.67	0.3	41.84
3.296	23.04	5.98	0.44	6.67	166.19	0.3	41.84
3.301	23.04	5.98	0.44	6.68	203.32	0.3	41.84
3.315	23.04	5.98	0.46	6.67	356.72	0.3	41.84
3.339	23.04	5.98	0.46	6.68	154.98	0.3	41.84
3.366	23.04	5.98	0.46	6.68	226.39	0.3	41.84
3.376	23.04	5.98	0.46	6.66	171.33	0.3	41.84
3.385	23.04	5.98	0.46	6.67	228.28	0.32	41.84
3.42	23.04	5.98	0.46	6.68	158.69	0.32	41.84
3.467	23.04	5.98	0.46	6.69	290.18	0.32	41.84
3.479	23.04	5.98	0.46	6.68	191.69	0.3	41.84
3.49	23.04	5.98	0.46	6.69	135.61	0.3	41.84
3.525	23.04	5.98	0.46	6.68	177.9	0.3	41.84
3.558	23.04	5.98	0.46	6.69	157.82	0.3	41.84
3.575	23.04	5.98	0.46	6.7	172.3	0.3	41.84
3.586	23.04	5.98	0.46	6.71	252.69	0.3	41.84
3.59	23.04	5.98	0.46	6.72	191.27	0.3	41.84
3.591	23.04	5.98	0.44	6.72	212.14	0.3	41.84
3.602	23.04	5.98	0.44	6.71	167.76	0.3	41.84
3.616	23.04	5.98	0.44	6.69	199.52	0.3	41.84
3.631	23.04	5.98	0.44	6.67	215.37	0.3	41.84
3.649	23.04	5.98	0.44	6.65	169.16	0.3	41.84
3.664	23.04	5.98	0.46	6.63	167.25	0.3	41.84
3.672	23.04	5.98	0.46	6.62	175.66	0.3	41.84
3.681	23.04	5.98	0.46	6.62	294.21	0.3	41.84
3.689	23.04	5.98	0.46	6.63	248.41	0.3	41.84
3.69	23.04	5.98	0.46	6.62	155.15	0.3	41.84
3.698	23.04	5.98	0.46	6.61	175.66	0.3	41.84
3.721	23.04	5.98	0.46	6.62	175.66	0.3	41.84
3.751	23.04	5.98	0.46	6.62	181.96	0.3	41.84
3.766	23.04	5.98	0.51	6.65	139.16	0.32	41.84
3.776	23.04	5.98	0.51	6.64	171.4	0.32	41.84
3.803	23.04	5.98	0.51	6.63	202.07	0.32	41.84
3.824	23.04	5.98	0.46	6.62	143.05	0.29	41.84
3.839	23.04	5.98	0.46	6.63	138.15	0.29	41.84
3.853	23.04	5.98	0.46	6.62	217.21	0.29	41.84
3.867	23.04	5.98	0.46	6.62	151.36	0.29	41.84
3.886	23.04	5.98	0.49	6.63	307.78	0.3	41.84
3.914	23.04	5.98	0.49	6.65	259.58	0.3	41.84
3.932	23.05	5.98	0.46	6.68	306.71	0.32	41.85
3.936	23.05	5.98	0.46	6.67	227.13	0.32	41.84
3.953	23.05	5.98	0.46	6.67	147.53	0.32	41.84
3.985	23.05	5.98	0.46	6.66	126.57	0.32	41.84
4.02	23.05	5.98	0.49	6.62	135.93	0.29	41.85
4.033	23.05	5.98	0.49	6.62	150.2	0.29	41.85

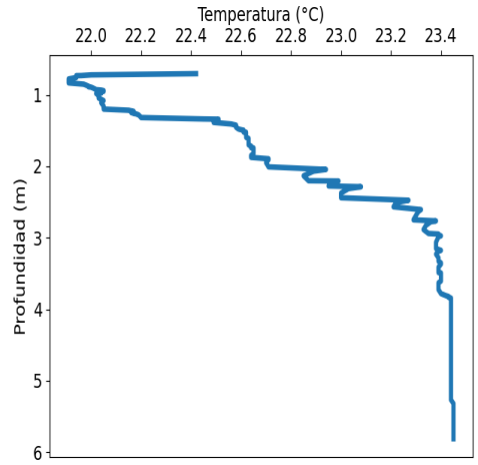
4.058	23.05	5.98	0.49	6.62	168.61	0.29	41.85
4.082	23.06	5.98	0.49	6.62	126.82	0.29	41.86
4.105	23.06	5.98	0.46	6.61	123.02	0.29	41.85
4.123	23.06	5.98	0.46	6.61	110.7	0.29	41.86
4.126	23.06	5.99	0.46	6.61	150.2	0.29	41.88
4.13	23.07	5.98	0.46	6.61	125.72	0.29	41.87
4.148	23.08	5.98	0.46	6.6	116.44	0.29	41.86
4.171	23.08	5.99	0.51	6.6	142.27	0.3	41.87
4.181	23.08	5.99	0.51	6.59	100.69	0.3	41.89
4.183	23.09	5.99	0.51	6.59	112.83	0.3	41.88
4.19	23.1	5.99	0.54	6.59	111.72	0.29	41.87
4.213	23.1	5.99	0.54	6.59	108.56	0.29	41.88
4.26	23.1	5.99	0.54	6.58	97.95	0.29	41.88
4.266	23.11	5.99	0.54	6.56	121.02	0.29	41.87
4.276	23.11	5.99	0.54	6.56	107.55	0.29	41.87
4.315	23.1	5.99	0.54	6.56	100.62	0.29	41.88
4.345	23.11	5.99	0.56	6.57	113.0	0.28	41.88
4.352	23.11	5.99	0.56	6.58	133.08	0.28	41.88
4.392	23.11	5.99	0.56	6.58	123.75	0.28	41.88
4.443	23.11	5.99	0.56	6.58	108.21	0.28	41.87
4.475	23.11	5.99	0.56	6.57	100.34	0.28	41.87
4.48	23.11	5.99	0.54	6.56	152.12	0.29	41.88
4.481	23.11	5.99	0.54	6.56	118.4	0.29	41.88
4.498	23.11	5.99	0.54	6.56	115.53	0.29	41.88
4.544	23.11	5.99	0.56	6.56	125.39	0.3	41.88
4.6	23.11	5.99	0.56	6.56	122.29	0.3	41.88
4.653	23.11	5.99	0.56	6.56	111.02	0.3	41.88
4.66	23.11	5.99	0.56	6.55	114.45	0.29	41.88
4.663	23.11	5.99	0.56	6.55	119.41	0.29	41.88
4.679	23.11	5.99	0.56	6.55	142.02	0.29	41.87
4.699	23.11	5.99	0.56	6.57	143.99	0.29	41.87
4.715	23.1	5.99	0.56	6.57	110.97	0.29	41.88
4.724	23.1	5.99	0.56	6.57	120.91	0.29	41.88
4.729	23.11	5.99	0.56	6.58	114.55	0.29	41.88
4.739	23.11	5.99	0.56	6.59	156.55	0.28	41.88
4.746	23.11	5.99	0.56	6.59	128.19	0.28	41.88
4.75	23.11	5.99	0.56	6.61	120.33	0.28	41.88
4.753	23.11	5.99	0.54	6.61	128.24	0.29	41.88
4.763	23.11	5.99	0.54	6.6	109.4	0.29	41.88
4.782	23.11	5.99	0.54	6.58	160.3	0.29	41.88
4.801	23.11	5.99	0.54	6.58	121.47	0.29	41.88
4.82	23.11	5.99	0.54	6.59	108.66	0.29	41.88
4.835	23.11	5.99	0.56	6.57	109.5	0.29	41.89
4.843	23.12	5.99	0.56	6.57	107.24	0.29	41.89
4.855	23.12	5.99	0.56	6.55	144.65	0.28	41.89
4.869	23.12	5.99	0.56	6.53	141.58	0.28	41.89
4.883	23.12	5.99	0.56	6.5	120.99	0.28	41.89
4.89	23.12	5.99	0.56	6.49	107.74	0.28	41.89
4.897	23.12	5.99	0.56	6.48	106.07	0.28	41.89
4.903	23.12	5.99	0.56	6.47	109.9	0.28	41.89
4.906	23.12	5.99	0.56	6.49	111.02	0.28	41.89
4.913	23.12	5.99	0.56	6.5	104.28	0.28	41.89
4.92	23.12	5.99	0.56	6.54	104.46	0.28	41.89
4.934	23.12	5.99	0.56	6.57	104.46	0.29	41.89
4.953	23.12	5.99	0.56	6.58	105.36	0.29	41.89
4.966	23.12	5.99	0.58	6.59	98.92	0.28	41.89
4.971	23.12	5.99	0.58	6.58	106.87	0.28	41.89
4.984	23.12	5.99	0.58	6.56	109.16	0.28	41.89

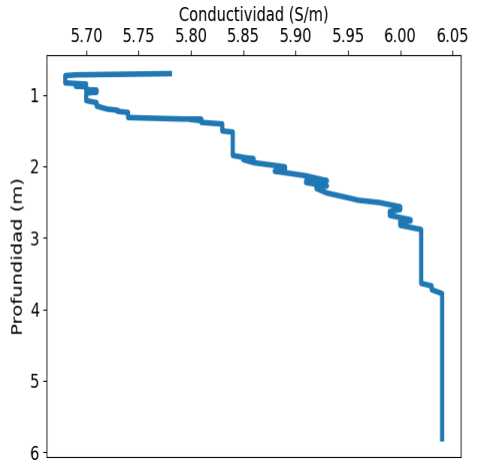
5.006	23.12	5.99	0.58	6.55	100.58	0.28	41.89
5.033	23.12	5.99	0.54	6.55	97.35	0.28	41.89
5.053	23.12	5.99	0.54	6.56	100.6	0.28	41.9
5.063	23.12	5.99	0.54	6.56	102.18	0.28	41.9
5.069	23.12	6.0	0.56	6.56	101.46	0.27	41.9
5.072	23.13	6.0	0.56	6.55	100.75	0.27	41.9
5.09	23.13	5.99	0.56	6.55	99.24	0.27	41.9
5.109	23.13	5.99	0.56	6.55	100.53	0.27	41.9
5.13	23.12	5.99	0.56	6.55	99.7	0.27	41.9
5.153	23.13	6.0	0.56	6.55	100.91	0.27	41.9
5.171	23.13	6.0	0.56	6.55	102.98	0.27	41.9
5.181	23.13	6.0	0.56	6.55	102.22	0.27	41.9
5.187	23.13	6.0	0.56	6.56	101.82	0.27	41.9
5.191	23.13	6.0	0.56	6.56	101.35	0.26	41.9
5.197	23.13	6.0	0.56	6.55	97.14	0.26	41.9
5.215	23.13	6.0	0.56	6.55	99.18	0.26	41.9
5.242	23.13	6.0	0.56	6.55	102.2	0.26	41.9
5.261	23.13	6.0	0.56	6.55	104.03	0.26	41.9
5.273	23.13	6.0	0.56	6.56	103.19	0.26	41.9
5.279	23.13	6.0	0.56	6.57	98.77	0.26	41.9
5.284	23.13	6.0	0.56	6.57	97.58	0.26	41.9
5.296	23.13	6.0	0.56	6.58	101.29	0.26	41.9
5.31	23.13	6.0	0.58	6.58	111.99	0.26	41.9
5.321	23.12	6.0	0.58	6.57	110.92	0.26	41.9
5.328	23.12	6.0	0.58	6.57	98.49	0.26	41.9
5.334	23.12	6.0	0.54	6.57	97.97	0.27	41.9
5.349	23.12	6.0	0.54	6.57	99.88	0.27	41.9
5.351	23.12	6.0	0.56	6.56	95.91	0.26	41.9
5.357	23.12	6.0	0.56	6.55	97.58	0.26	41.9
5.379	23.12	6.0	0.56	6.56	104.23	0.26	41.9
5.407	23.12	6.0	0.56	6.57	102.02	0.27	41.9
5.43	23.12	6.0	0.56	6.56	104.37	0.27	41.9
5.444	23.12	6.0	0.56	6.57	102.69	0.27	41.9
5.455	23.12	6.0	0.56	6.57	116.44	0.27	41.9
5.481	23.12	6.0	0.56	6.56	105.03	0.27	41.9
5.514	23.12	6.0	0.56	6.57	97.52	0.27	41.9
5.521	23.12	6.0	0.54	6.6	102.42	0.27	41.9
5.538	23.12	6.0	0.54	6.61	101.02	0.27	41.9
5.568	23.12	6.0	0.54	6.61	104.26	0.27	41.9
5.574	23.12	6.0	0.54	6.6	104.12	0.27	41.9
5.587	23.12	6.0	0.54	6.6	105.45	0.27	41.9
5.623	23.12	5.99	0.54	6.58	119.91	0.27	41.9
5.657	23.12	6.0	0.56	6.57	130.94	0.26	41.9
5.699	23.12	6.0	0.56	6.56	120.49	0.26	41.9
5.757	23.12	5.99	0.56	6.55	112.93	0.26	41.9
5.795	23.12	5.99	0.56	6.54	108.04	0.26	41.9
5.805	23.12	5.99	0.56	6.54	122.08	0.28	41.9
5.814	23.12	5.99	0.56	6.56	118.27	0.28	41.9
5.835	23.12	5.99	0.56	6.57	119.05	0.28	41.9
5.863	23.12	5.99	0.56	6.59	116.83	0.28	41.9
5.888	23.12	5.99	0.54	6.61	106.49	0.29	41.9
5.909	23.12	5.99	0.54	6.63	102.02	0.29	41.9
5.927	23.12	5.99	0.54	6.64	100.36	0.29	41.9
5.939	23.12	6.0	0.54	6.65	101.15	0.29	41.9
5.95	23.12	5.99	0.54	6.66	100.34	0.29	41.9
5.959	23.12	5.99	0.54	6.66	106.94	0.32	41.9
5.977	23.12	5.99	0.54	6.64	102.56	0.32	41.9
6.009	23.12	5.99	0.54	6.61	98.42	0.32	41.9

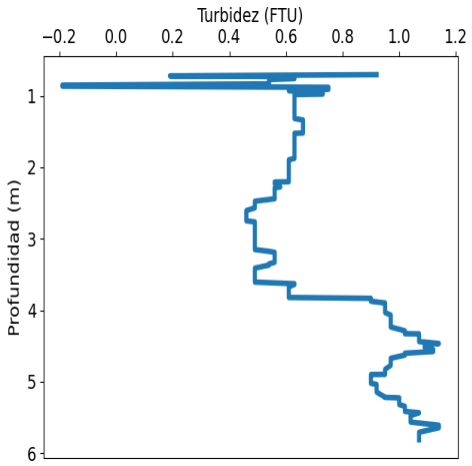
6.037	23.12	6.0	0.54	6.6	101.91	0.32	41.9
6.059	23.12	6.0	0.54	6.58	110.51	0.3	41.9
6.074	23.12	6.0	0.54	6.58	98.32	0.3	41.9
6.081	23.12	6.0	0.54	6.59	96.63	0.3	41.9
6.091	23.12	6.0	0.54	6.58	100.78	0.3	41.9
6.128	23.12	6.0	0.54	6.59	118.34	0.32	41.9
6.176	23.12	6.0	0.54	6.6	127.02	0.32	41.91
6.211	23.12	6.0	0.54	6.62	117.11	0.32	41.91
6.232	23.12	6.0	0.54	6.62	113.42	0.32	41.91
6.244	23.12	6.0	0.54	6.61	115.81	0.32	41.9
6.257	23.12	6.0	0.58	6.6	120.75	0.33	41.9
6.265	23.12	6.0	0.58	6.59	125.94	0.33	41.9
6.267	23.12	6.0	0.58	6.58	134.72	0.33	41.9
6.269	23.12	6.0	0.58	6.58	141.03	0.33	41.9
6.271	23.12	6.0	0.63	6.58	134.01	0.34	41.9
6.272	23.12	6.0	0.66	6.61	132.93	0.38	41.9
6.273	23.12	6.0	0.66	6.61	121.81	0.37	41.9
6.274	23.12	6.0	0.63	6.61	131.37	0.37	41.9

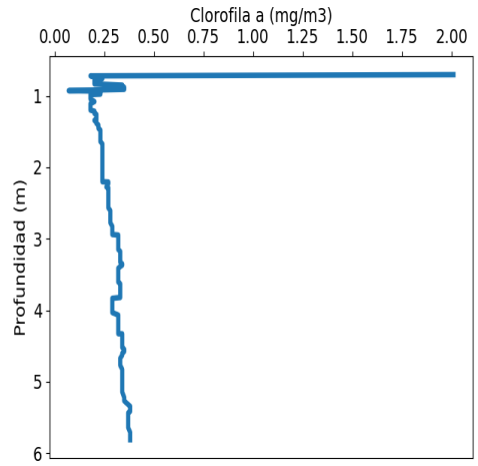
Nombre: CTD E04 - Punto 004 **Fecha: 04/05/2023** **Hora: 07:05:18**

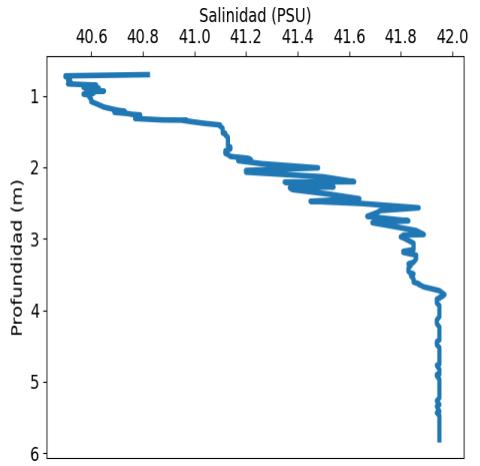


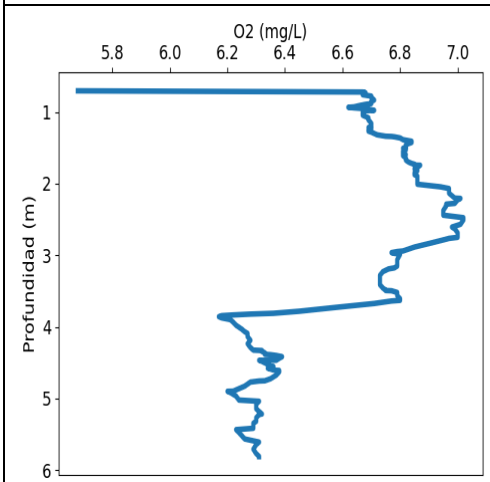


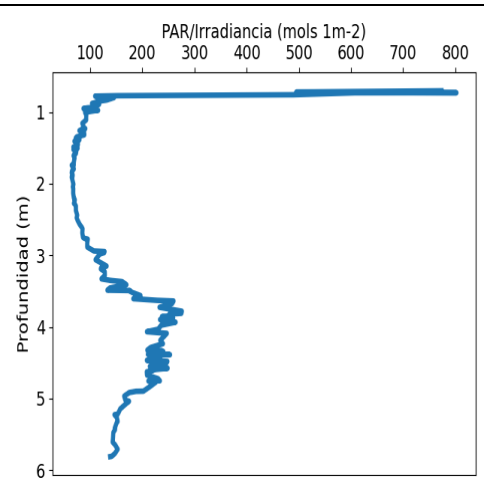












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	21.91	5.68	-0.19	5.68	64.34	0.07	40.5
PROF (metros)	0.779	0.732	0.852	0.705	1.744	0.929	0.722
MÁXIMO	23.45	23.45	1.14	7.02	802.57	2.01	41.97
PROF (metros)	5.32	3.782	4.466	2.476	0.732	0.705	3.782

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	22.01	5.7	0.65	6.63	243.58	0.33	40.58
1 - 2m	22.48	5.81	0.64	6.79	74.58	0.22	41.0
2 - 3m	23.16	5.96	0.52	6.94	84.93	0.28	41.62
3 - 4m	23.4	6.03	0.63	6.59	194.68	0.32	41.88
4 - 5m	23.44	6.04	1.02	6.32	221.58	0.33	41.95
5 - 6m	23.45	6.04	1.02	6.29	151.21	0.36	41.95

OBSERVACIONES GENERALES

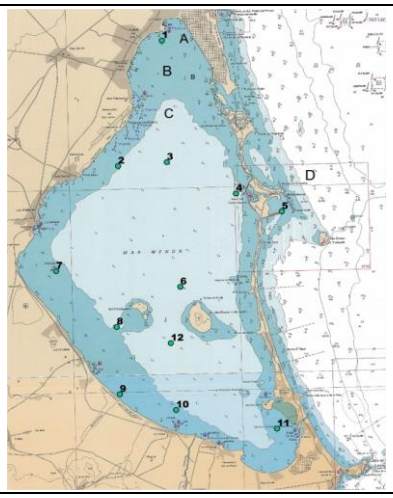
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	22.42	5.78	0.92	5.68	773.76	2.01	40.82
0.722	22.0	5.69	0.19	6.67	495.27	0.18	40.5
0.732	21.96	5.68	0.63	6.68	802.57	0.24	40.5
0.733	21.94	5.68	0.63	6.67	606.71	0.24	40.52
0.76	21.94	5.68	0.63	6.67	489.77	0.24	40.51
0.773	21.92	5.68	0.54	6.69	152.66	0.2	40.51
0.779	21.91	5.68	0.54	6.7	109.23	0.2	40.51
0.799	21.91	5.68	0.54	6.7	145.77	0.2	40.52
0.834	21.91	5.68	0.54	6.71	131.4	0.2	40.51
0.852	21.97	5.7	-0.19	6.7	114.45	0.34	40.62
0.866	21.98	5.69	-0.19	6.7	111.11	0.34	40.58
0.882	21.99	5.69	0.75	6.7	103.23	0.35	40.57
0.889	21.99	5.7	0.75	6.69	104.48	0.35	40.59
0.894	22.0	5.7	0.75	6.68	117.13	0.35	40.63
0.91	22.01	5.7	0.75	6.66	107.59	0.35	40.61
0.929	22.02	5.7	0.61	6.64	110.39	0.07	40.58
0.935	22.04	5.71	0.73	6.62	110.97	0.23	40.65
0.943	22.05	5.7	0.73	6.64	94.5	0.23	40.59
0.952	22.05	5.7	0.73	6.67	86.91	0.23	40.59
0.963	22.04	5.71	0.73	6.69	105.89	0.23	40.61
0.977	22.04	5.7	0.73	6.71	115.28	0.23	40.57
0.983	22.02	5.7	0.63	6.68	108.14	0.18	40.6
1.005	22.03	5.7	0.63	6.67	89.99	0.18	40.59
1.046	22.03	5.7	0.63	6.67	92.41	0.18	40.6
1.082	22.05	5.7	0.63	6.69	92.1	0.2	40.6
1.111	22.04	5.71	0.63	6.69	92.31	0.18	40.62
1.159	22.05	5.71	0.63	6.7	84.7	0.18	40.65
1.201	22.05	5.72	0.63	6.7	87.12	0.18	40.7
1.217	22.15	5.73	0.63	6.69	85.89	0.2	40.73
1.232	22.17	5.73	0.63	6.7	90.53	0.2	40.69
1.248	22.16	5.74	0.63	6.69	83.08	0.2	40.74
1.261	22.17	5.74	0.63	6.69	79.07	0.21	40.76
1.268	22.18	5.74	0.63	6.69	83.34	0.21	40.79
1.282	22.19	5.74	0.63	6.7	88.12	0.21	40.79
1.319	22.2	5.74	0.63	6.72	88.66	0.21	40.77
1.339	22.45	5.79	0.66	6.75	78.98	0.21	40.88

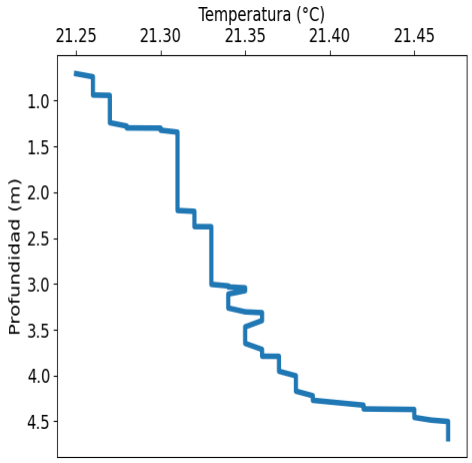
1.342	22.51	5.81	0.66	6.77	77.39	0.2	40.97
1.347	22.51	5.8	0.66	6.78	74.26	0.2	40.96
1.363	22.5	5.81	0.66	6.8	72.19	0.21	40.99
1.387	22.49	5.81	0.66	6.81	79.37	0.21	41.04
1.409	22.56	5.83	0.66	6.84	69.52	0.22	41.1
1.426	22.58	5.83	0.66	6.84	76.2	0.22	41.1
1.456	22.58	5.83	0.66	6.82	76.38	0.22	41.11
1.48	22.59	5.83	0.66	6.82	70.67	0.23	41.11
1.489	22.6	5.83	0.66	6.82	67.5	0.23	41.11
1.496	22.61	5.83	0.66	6.82	71.78	0.23	41.11
1.507	22.61	5.83	0.66	6.81	75.87	0.23	41.11
1.522	22.61	5.84	0.66	6.82	73.24	0.23	41.11
1.525	22.62	5.84	0.63	6.82	67.56	0.23	41.12
1.529	22.62	5.84	0.63	6.82	69.4	0.23	41.12
1.548	22.62	5.84	0.63	6.81	73.13	0.23	41.12
1.58	22.62	5.84	0.63	6.81	72.5	0.23	41.13
1.596	22.62	5.84	0.63	6.82	68.76	0.23	41.13
1.611	22.63	5.84	0.63	6.81	67.84	0.23	41.13
1.641	22.63	5.84	0.63	6.82	69.99	0.23	41.13
1.673	22.63	5.84	0.63	6.82	69.08	0.24	41.13
1.701	22.63	5.84	0.63	6.83	68.57	0.24	41.13
1.718	22.64	5.84	0.63	6.84	68.25	0.24	41.14
1.73	22.64	5.84	0.63	6.85	66.6	0.24	41.14
1.742	22.64	5.84	0.63	6.85	68.37	0.24	41.14
1.743	22.65	5.84	0.63	6.86	64.53	0.24	41.14
1.744	22.65	5.84	0.63	6.87	64.34	0.24	41.14
1.771	22.65	5.84	0.63	6.86	67.13	0.24	41.12
1.795	22.65	5.84	0.63	6.85	68.57	0.24	41.12
1.806	22.65	5.84	0.63	6.86	67.33	0.24	41.12
1.822	22.65	5.84	0.63	6.86	65.07	0.24	41.13
1.849	22.64	5.84	0.63	6.85	64.41	0.24	41.14
1.876	22.64	5.85	0.63	6.85	66.19	0.24	41.21
1.896	22.71	5.86	0.61	6.86	66.09	0.24	41.22
1.908	22.71	5.85	0.61	6.86	64.36	0.24	41.17
1.95	22.7	5.86	0.61	6.86	65.73	0.24	41.26
2.009	22.71	5.89	0.61	6.86	67.69	0.24	41.48
2.045	22.94	5.89	0.61	6.94	66.47	0.24	41.2
2.069	22.89	5.88	0.61	6.97	67.33	0.24	41.2
2.134	22.85	5.91	0.61	6.97	67.24	0.24	41.5
2.203	22.87	5.93	0.61	6.99	68.54	0.24	41.62
2.207	22.99	5.91	0.56	7.01	69.37	0.27	41.35
2.228	22.96	5.91	0.56	7.0	70.44	0.27	41.39
2.276	22.95	5.93	0.58	6.99	68.54	0.26	41.54
2.287	23.08	5.92	0.56	6.96	70.58	0.27	41.37
2.313	23.03	5.92	0.56	6.96	72.41	0.27	41.38
2.375	23.0	5.93	0.56	6.95	72.41	0.27	41.52
2.441	23.0	5.95	0.56	6.95	74.99	0.27	41.64
2.476	23.27	5.96	0.49	7.02	73.85	0.27	41.45
2.508	23.22	5.98	0.49	7.02	75.47	0.27	41.65
2.568	23.21	6.0	0.49	7.01	79.58	0.27	41.87
2.607	23.32	6.0	0.46	6.98	83.45	0.28	41.72
2.632	23.31	5.99	0.46	6.99	85.22	0.28	41.71
2.687	23.3	5.99	0.46	7.0	84.72	0.28	41.67
2.75	23.29	6.01	0.46	7.0	85.97	0.28	41.83
2.765	23.38	6.01	0.49	6.97	88.99	0.28	41.74
2.776	23.36	6.0	0.49	6.96	95.26	0.28	41.69
2.827	23.34	6.0	0.49	6.91	94.27	0.29	41.77
2.886	23.33	6.02	0.49	6.85	94.23	0.29	41.86

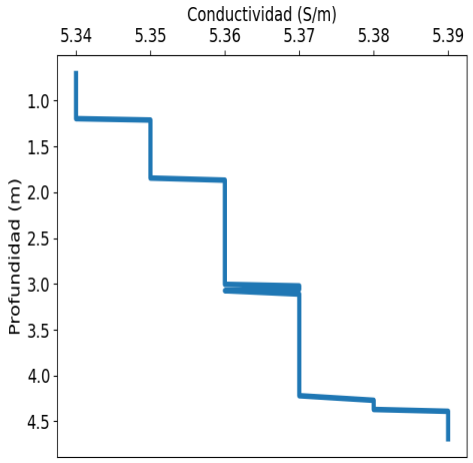
2.941	23.35	6.02	0.49	6.81	106.96	0.29	41.89
2.949	23.39	6.02	0.49	6.79	127.57	0.32	41.81
2.964	23.39	6.02	0.49	6.77	126.68	0.32	41.81
2.974	23.4	6.02	0.49	6.78	121.92	0.32	41.8
2.987	23.39	6.02	0.49	6.8	117.93	0.32	41.81
3.063	23.38	6.02	0.49	6.79	110.14	0.32	41.85
3.152	23.38	6.02	0.49	6.79	131.34	0.32	41.85
3.177	23.4	6.02	0.54	6.78	120.73	0.33	41.81
3.191	23.39	6.02	0.56	6.76	120.17	0.33	41.81
3.23	23.38	6.02	0.56	6.74	127.88	0.33	41.86
3.281	23.39	6.02	0.56	6.73	128.05	0.33	41.86
3.33	23.39	6.02	0.56	6.73	121.47	0.33	41.85
3.352	23.4	6.02	0.54	6.73	138.82	0.34	41.83
3.369	23.4	6.02	0.54	6.73	161.1	0.34	41.84
3.412	23.39	6.02	0.49	6.73	169.46	0.32	41.83
3.458	23.39	6.02	0.49	6.74	137.64	0.32	41.83
3.488	23.39	6.02	0.49	6.75	132.82	0.32	41.84
3.493	23.4	6.02	0.49	6.75	176.23	0.32	41.85
3.496	23.4	6.02	0.49	6.77	175.08	0.32	41.84
3.52	23.4	6.02	0.49	6.79	180.61	0.32	41.84
3.564	23.4	6.02	0.49	6.79	196.49	0.32	41.85
3.607	23.4	6.02	0.49	6.8	182.52	0.32	41.85
3.63	23.39	6.02	0.63	6.8	228.08	0.33	41.87
3.639	23.39	6.02	0.63	6.77	259.81	0.33	41.87
3.674	23.39	6.03	0.61	6.71	257.04	0.33	41.89
3.727	23.39	6.03	0.61	6.58	232.82	0.33	41.95
3.782	23.4	6.04	0.61	6.45	275.75	0.33	41.97
3.811	23.42	6.04	0.61	6.36	274.79	0.33	41.96
3.822	23.43	6.04	0.61	6.28	251.8	0.33	41.95
3.834	23.43	6.04	0.9	6.22	256.87	0.29	41.95
3.844	23.44	6.04	0.9	6.18	257.49	0.29	41.94
3.858	23.44	6.04	0.9	6.17	237.35	0.29	41.94
3.875	23.44	6.04	0.9	6.18	259.07	0.29	41.94
3.899	23.44	6.04	0.95	6.21	233.74	0.29	41.94
3.935	23.44	6.04	0.95	6.22	263.82	0.29	41.95
3.978	23.44	6.04	0.95	6.23	235.95	0.29	41.95
4.033	23.44	6.04	0.95	6.25	230.44	0.29	41.95
4.068	23.44	6.04	0.97	6.26	208.59	0.32	41.95
4.091	23.44	6.04	0.97	6.27	246.89	0.32	41.95
4.137	23.44	6.04	0.97	6.27	241.07	0.32	41.94
4.188	23.44	6.04	0.97	6.28	234.25	0.32	41.94
4.235	23.44	6.04	0.97	6.27	239.54	0.32	41.95
4.289	23.44	6.04	1.02	6.28	215.79	0.32	41.95
4.325	23.44	6.04	1.02	6.29	209.42	0.32	41.95
4.329	23.44	6.04	1.02	6.31	221.83	0.32	41.95
4.331	23.44	6.04	1.07	6.32	236.31	0.34	41.95
4.344	23.44	6.04	1.07	6.32	240.17	0.34	41.95
4.363	23.44	6.04	1.07	6.33	231.6	0.34	41.95
4.384	23.44	6.04	1.07	6.33	210.47	0.34	41.95
4.389	23.44	6.04	1.07	6.35	253.13	0.34	41.95
4.394	23.44	6.04	1.07	6.36	226.29	0.34	41.95
4.4	23.44	6.04	1.07	6.37	235.8	0.34	41.95
4.417	23.44	6.04	1.07	6.39	216.45	0.34	41.95
4.439	23.44	6.04	1.07	6.38	213.16	0.34	41.94
4.466	23.44	6.04	1.14	6.37	235.59	0.34	41.94
4.467	23.44	6.04	1.09	6.31	208.45	0.34	41.94
4.482	23.44	6.04	1.09	6.32	248.03	0.34	41.94
4.523	23.44	6.04	1.09	6.34	244.74	0.34	41.95

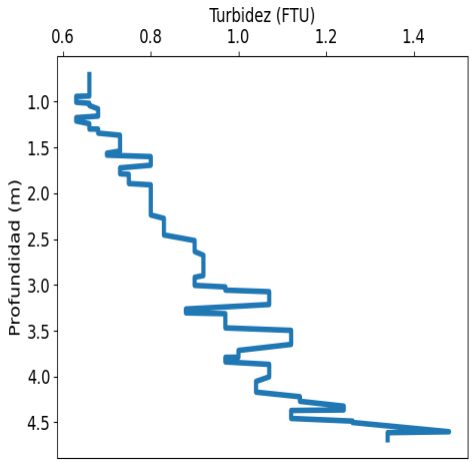
4.547	23.44	6.04	1.12	6.35	215.08	0.35	41.95
4.553	23.44	6.04	1.12	6.36	214.14	0.35	41.95
4.578	23.44	6.04	1.12	6.34	248.57	0.35	41.95
4.602	23.44	6.04	1.02	6.36	216.45	0.34	41.95
4.607	23.44	6.04	1.02	6.37	215.18	0.34	41.95
4.609	23.44	6.04	1.02	6.38	220.71	0.34	41.95
4.628	23.44	6.04	1.02	6.38	208.32	0.34	41.95
4.673	23.44	6.04	0.97	6.37	208.77	0.33	41.95
4.724	23.44	6.04	0.97	6.35	230.14	0.33	41.95
4.753	23.44	6.04	0.97	6.33	233.64	0.33	41.95
4.756	23.44	6.04	0.97	6.31	211.4	0.33	41.95
4.771	23.44	6.04	0.97	6.28	225.84	0.33	41.94
4.828	23.44	6.04	0.95	6.26	215.65	0.34	41.95
4.898	23.44	6.04	0.95	6.22	201.94	0.34	41.95
4.9	23.44	6.04	0.9	6.2	187.78	0.34	41.94
4.917	23.44	6.04	0.9	6.21	174.93	0.34	41.94
4.967	23.44	6.04	0.9	6.23	165.1	0.34	41.95
5.022	23.44	6.04	0.9	6.24	167.25	0.34	41.95
5.039	23.44	6.04	0.92	6.31	174.54	0.34	41.95
5.078	23.44	6.04	0.92	6.3	167.84	0.34	41.95
5.145	23.44	6.04	0.92	6.3	157.65	0.34	41.95
5.217	23.44	6.04	0.95	6.32	152.69	0.35	41.95
5.22	23.44	6.04	0.95	6.31	152.62	0.35	41.95
5.226	23.44	6.04	1.0	6.31	146.41	0.35	41.95
5.268	23.44	6.04	1.0	6.3	151.16	0.35	41.94
5.32	23.45	6.04	1.0	6.3	152.56	0.37	41.95
5.344	23.45	6.04	1.02	6.29	150.34	0.38	41.94
5.416	23.45	6.04	1.02	6.29	146.95	0.38	41.95
5.435	23.45	6.04	1.07	6.23	147.53	0.37	41.94
5.475	23.45	6.04	1.04	6.24	144.24	0.37	41.95
5.565	23.45	6.04	1.04	6.26	143.52	0.37	41.95
5.609	23.45	6.04	1.14	6.31	142.92	0.37	41.95
5.644	23.45	6.04	1.14	6.3	147.34	0.37	41.95
5.708	23.45	6.04	1.07	6.29	152.62	0.38	41.95
5.77	23.45	6.04	1.07	6.3	146.95	0.38	41.95
5.808	23.45	6.04	1.07	6.31	141.06	0.38	41.95
5.812	23.45	6.04	1.07	6.31	138.09	0.38	41.95

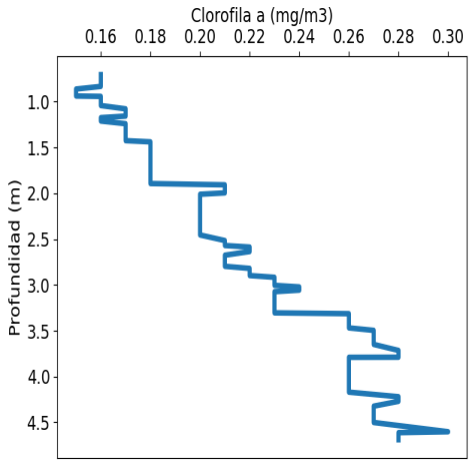
Nombre: CTD E05 - Punto 005 **Fecha: 04/05/2023** **Hora: 07:05:17**

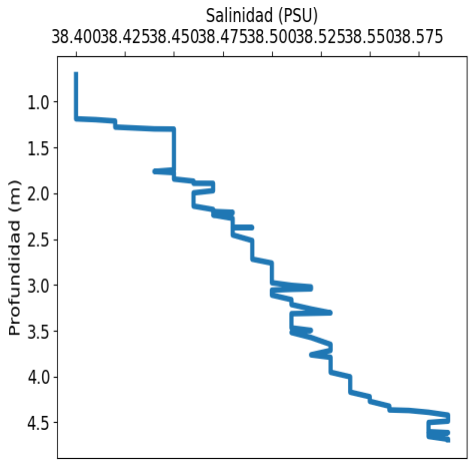


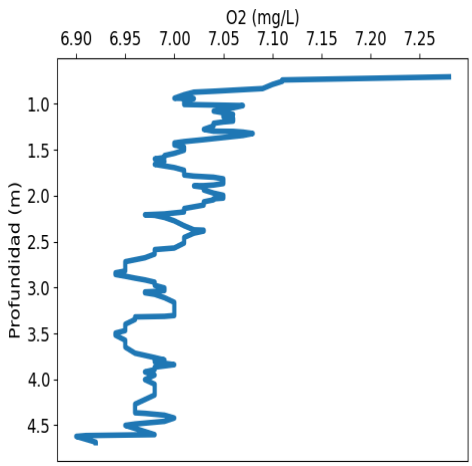


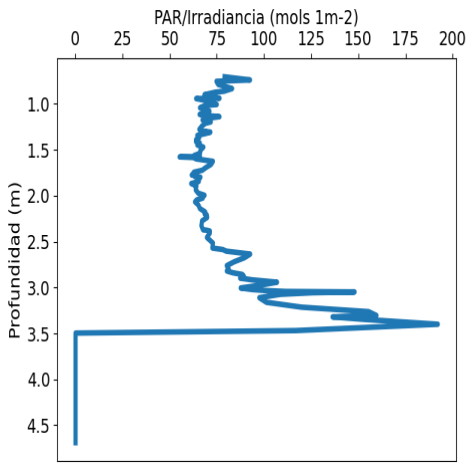












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	21.25	5.34	0.63	6.9	0.12	0.15	38.4
PROF (metros)	0.706	0.706	0.943	4.621	3.496	0.863	0.706
MÁXIMO	21.47	21.47	1.48	7.28	192.15	0.31	38.59
PROF (metros)	4.501	4.39	4.602	0.706	3.4	4.602	4.421

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	21.26	5.34	0.65	7.07	76.11	0.15	38.4
1 - 2m	21.3	5.35	0.72	7.03	66.5	0.18	38.44
2 - 3m	21.32	5.36	0.86	6.99	76.18	0.21	38.48
3 - 4m	21.36	5.37	1.01	6.98	67.3	0.25	38.52
4 - 5m	21.43	5.38	1.2	6.96	0.12	0.27	38.57

OBSERVACIONES GENERALES

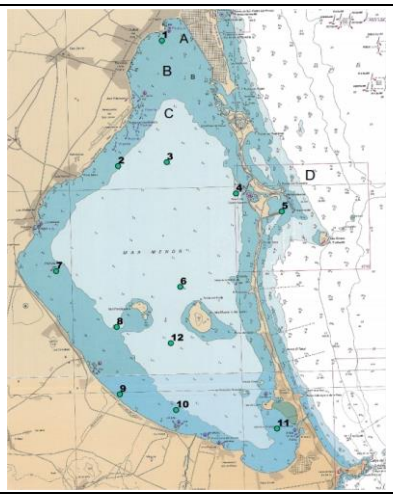
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	21.25	5.34	0.66	7.28	79.11	0.16	38.4
0.74	21.26	5.34	0.66	7.11	92.63	0.16	38.4
0.755	21.26	5.34	0.66	7.11	74.79	0.16	38.4
0.789	21.26	5.34	0.66	7.1	75.75	0.16	38.4
0.834	21.26	5.34	0.66	7.09	83.15	0.16	38.4
0.863	21.26	5.34	0.66	7.04	78.78	0.15	38.4
0.873	21.26	5.34	0.66	7.02	74.27	0.15	38.4
0.901	21.26	5.34	0.66	7.01	68.43	0.15	38.4
0.939	21.26	5.34	0.66	7.0	76.47	0.15	38.4
0.943	21.27	5.34	0.63	7.02	64.01	0.16	38.4
0.966	21.27	5.34	0.63	7.01	69.84	0.16	38.4
1.007	21.27	5.34	0.63	7.01	75.02	0.16	38.4
1.019	21.27	5.34	0.66	7.07	68.72	0.16	38.4
1.043	21.27	5.34	0.66	7.06	66.05	0.16	38.4
1.079	21.27	5.34	0.68	7.04	71.12	0.17	38.4
1.115	21.27	5.34	0.68	7.06	65.85	0.17	38.4
1.125	21.27	5.34	0.68	7.05	68.55	0.17	38.4
1.14	21.27	5.34	0.68	7.05	76.43	0.17	38.4
1.158	21.27	5.34	0.68	7.06	69.92	0.17	38.4
1.175	21.27	5.34	0.63	7.06	67.39	0.16	38.4
1.188	21.27	5.34	0.63	7.06	71.75	0.16	38.4
1.197	21.27	5.34	0.63	7.05	71.84	0.16	38.41
1.212	21.27	5.35	0.63	7.04	68.96	0.16	38.42
1.241	21.27	5.35	0.66	7.04	67.19	0.17	38.42
1.278	21.28	5.35	0.66	7.03	65.72	0.17	38.42
1.298	21.28	5.35	0.66	7.04	66.6	0.17	38.44
1.299	21.29	5.35	0.66	7.05	69.08	0.17	38.45
1.3	21.3	5.35	0.68	7.06	68.49	0.17	38.45
1.308	21.3	5.35	0.68	7.07	71.62	0.17	38.45
1.323	21.3	5.35	0.68	7.08	69.05	0.17	38.45
1.344	21.31	5.35	0.68	7.07	64.63	0.17	38.45
1.367	21.31	5.35	0.73	7.05	65.7	0.17	38.45
1.39	21.31	5.35	0.73	7.03	63.97	0.17	38.45
1.411	21.31	5.35	0.73	7.01	63.94	0.17	38.45
1.426	21.31	5.35	0.73	7.0	66.01	0.17	38.45
1.439	21.31	5.35	0.73	7.0	65.85	0.18	38.45
1.448	21.31	5.35	0.73	7.0	64.65	0.18	38.45

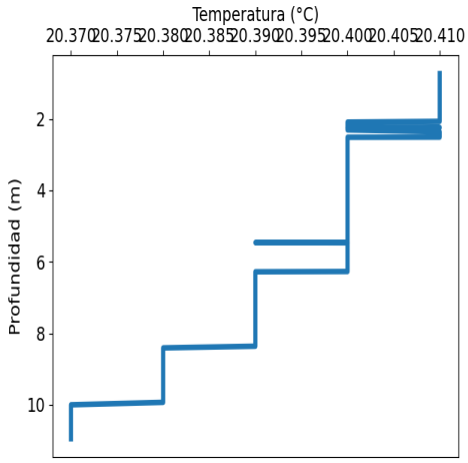
1.471	21.31	5.35	0.73	7.01	67.91	0.18	38.45
1.505	21.31	5.35	0.73	7.01	66.34	0.18	38.45
1.539	21.31	5.35	0.73	7.0	66.12	0.18	38.45
1.563	21.31	5.35	0.7	6.99	62.97	0.18	38.45
1.575	21.31	5.35	0.7	6.99	66.09	0.18	38.45
1.578	21.31	5.35	0.7	6.99	55.26	0.18	38.45
1.584	21.31	5.35	0.7	6.99	62.49	0.18	38.45
1.6	21.31	5.35	0.8	6.98	64.14	0.18	38.45
1.626	21.31	5.35	0.8	6.99	72.94	0.18	38.45
1.659	21.31	5.35	0.8	6.98	71.97	0.18	38.45
1.694	21.31	5.35	0.8	7.0	69.19	0.18	38.45
1.723	21.31	5.35	0.73	7.01	67.28	0.18	38.45
1.745	21.31	5.35	0.73	7.01	62.82	0.18	38.45
1.762	21.31	5.35	0.73	7.01	62.42	0.18	38.44
1.775	21.31	5.35	0.73	7.01	61.68	0.18	38.45
1.787	21.31	5.35	0.73	7.02	64.84	0.18	38.45
1.793	21.31	5.35	0.75	7.03	63.48	0.18	38.45
1.799	21.31	5.35	0.75	7.04	66.34	0.18	38.45
1.817	21.31	5.35	0.75	7.05	65.47	0.18	38.45
1.845	21.31	5.35	0.75	7.05	65.47	0.18	38.45
1.868	21.31	5.36	0.75	7.05	61.4	0.18	38.46
1.884	21.31	5.36	0.75	7.04	63.9	0.18	38.46
1.891	21.31	5.36	0.75	7.03	63.21	0.18	38.46
1.892	21.31	5.36	0.75	7.02	64.11	0.18	38.47
1.894	21.31	5.36	0.75	7.02	64.25	0.18	38.47
1.908	21.31	5.36	0.8	7.03	64.01	0.21	38.47
1.938	21.31	5.36	0.8	7.03	63.82	0.21	38.47
1.972	21.31	5.36	0.8	7.04	65.09	0.21	38.47
1.996	21.31	5.36	0.8	7.05	68.52	0.21	38.46
2.011	21.31	5.36	0.8	7.05	66.37	0.2	38.46
2.026	21.31	5.36	0.8	7.05	67.56	0.2	38.46
2.034	21.31	5.36	0.8	7.04	66.44	0.2	38.46
2.045	21.31	5.36	0.8	7.04	64.39	0.2	38.46
2.067	21.31	5.36	0.8	7.03	63.43	0.2	38.46
2.102	21.31	5.36	0.8	7.03	65.24	0.2	38.46
2.14	21.31	5.36	0.8	7.01	66.03	0.2	38.46
2.177	21.31	5.36	0.8	7.01	68.85	0.2	38.47
2.199	21.31	5.36	0.8	6.99	68.52	0.2	38.47
2.208	21.32	5.36	0.8	6.97	69.67	0.2	38.48
2.214	21.32	5.36	0.8	6.98	69.73	0.2	38.48
2.237	21.32	5.36	0.8	6.99	69.89	0.2	38.47
2.274	21.32	5.36	0.83	7.0	67.19	0.2	38.48
2.327	21.32	5.36	0.83	7.01	66.83	0.2	38.48
2.372	21.32	5.36	0.83	7.02	67.69	0.2	38.48
2.375	21.32	5.36	0.83	7.03	69.28	0.2	38.49
2.376	21.33	5.36	0.83	7.03	69.58	0.2	38.48
2.385	21.33	5.36	0.83	7.03	71.32	0.2	38.48
2.408	21.33	5.36	0.83	7.02	71.28	0.2	38.48
2.455	21.33	5.36	0.83	7.01	69.72	0.2	38.48
2.516	21.33	5.36	0.9	7.01	72.95	0.21	38.49
2.57	21.33	5.36	0.9	7.0	72.63	0.21	38.49
2.587	21.33	5.36	0.9	6.98	78.21	0.22	38.49
2.604	21.33	5.36	0.9	6.98	79.99	0.22	38.49
2.636	21.33	5.36	0.9	6.98	92.71	0.22	38.49
2.676	21.33	5.36	0.92	6.97	89.62	0.21	38.49
2.719	21.33	5.36	0.92	6.95	84.29	0.21	38.49
2.762	21.33	5.36	0.92	6.95	80.24	0.21	38.5
2.797	21.33	5.36	0.92	6.95	81.32	0.21	38.5

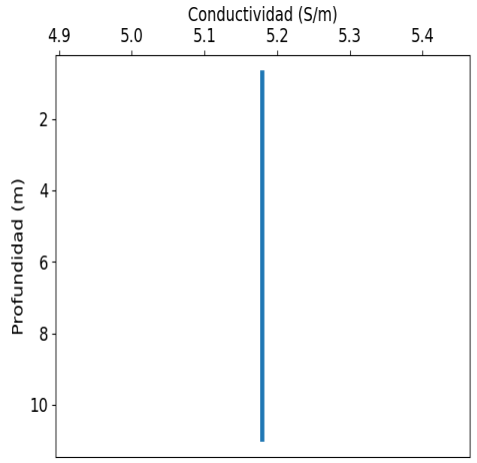
2.82	21.33	5.36	0.92	6.95	80.28	0.22	38.5
2.84	21.33	5.36	0.92	6.94	83.61	0.22	38.5
2.858	21.33	5.36	0.92	6.94	88.57	0.22	38.5
2.877	21.33	5.36	0.92	6.95	89.38	0.22	38.5
2.898	21.33	5.36	0.92	6.96	87.33	0.22	38.5
2.917	21.33	5.36	0.9	6.97	93.98	0.23	38.5
2.942	21.33	5.36	0.9	6.98	106.94	0.23	38.5
2.976	21.33	5.36	0.9	6.98	97.65	0.23	38.5
3.005	21.33	5.36	0.9	6.99	87.62	0.23	38.51
3.022	21.34	5.37	0.97	6.99	93.75	0.24	38.52
3.033	21.34	5.37	0.97	6.99	100.8	0.24	38.52
3.043	21.35	5.37	0.97	6.98	111.38	0.24	38.52
3.048	21.35	5.37	0.97	6.97	148.05	0.24	38.51
3.057	21.35	5.37	0.97	6.97	125.58	0.24	38.5
3.074	21.35	5.36	1.07	6.98	108.66	0.23	38.5
3.111	21.34	5.37	1.07	6.99	97.5	0.23	38.5
3.161	21.34	5.37	1.07	7.0	101.29	0.23	38.51
3.214	21.34	5.37	1.07	7.0	119.91	0.23	38.51
3.263	21.34	5.37	0.88	7.0	155.46	0.23	38.52
3.305	21.35	5.37	0.88	7.0	159.66	0.23	38.53
3.314	21.36	5.37	0.97	6.99	143.05	0.26	38.51
3.32	21.36	5.37	0.97	6.96	136.32	0.26	38.51
3.348	21.36	5.37	0.97	6.96	153.76	0.26	38.51
3.4	21.36	5.37	0.97	6.95	192.15	0.26	38.51
3.469	21.35	5.37	0.97	6.95	116.7	0.26	38.51
3.496	21.35	5.37	1.12	6.94	0.12	0.27	38.52
3.519	21.35	5.37	1.12	6.94	0.12	0.27	38.51
3.574	21.35	5.37	1.12	6.95	0.12	0.27	38.52
3.649	21.35	5.37	1.12	6.95	0.12	0.27	38.53
3.715	21.36	5.37	1.0	6.96	0.12	0.28	38.53
3.763	21.36	5.37	1.0	6.98	0.12	0.28	38.52
3.789	21.36	5.37	1.0	6.99	0.12	0.28	38.53
3.79	21.37	5.37	0.97	6.98	0.12	0.26	38.53
3.793	21.37	5.37	0.97	6.98	0.12	0.26	38.53
3.809	21.37	5.37	0.97	6.98	0.12	0.26	38.53
3.84	21.37	5.37	0.97	7.0	0.12	0.26	38.53
3.867	21.37	5.37	1.07	6.98	0.12	0.26	38.53
3.894	21.37	5.37	1.07	6.98	0.12	0.26	38.53
3.919	21.37	5.37	1.07	6.97	0.12	0.26	38.53
3.953	21.37	5.37	1.07	6.98	0.12	0.26	38.53
4.003	21.38	5.37	1.07	6.97	0.12	0.26	38.54
4.053	21.38	5.37	1.04	6.98	0.12	0.26	38.54
4.091	21.38	5.37	1.04	6.98	0.12	0.26	38.54
4.126	21.38	5.37	1.04	6.98	0.12	0.26	38.54
4.17	21.38	5.37	1.04	6.98	0.12	0.26	38.54
4.22	21.39	5.37	1.14	6.97	0.12	0.28	38.55
4.27	21.39	5.38	1.14	6.96	0.12	0.28	38.55
4.323	21.42	5.38	1.24	6.96	0.12	0.27	38.56
4.364	21.42	5.38	1.24	6.96	0.12	0.27	38.56
4.37	21.45	5.38	1.12	6.97	0.12	0.27	38.57
4.39	21.45	5.39	1.12	6.99	0.12	0.27	38.58
4.421	21.45	5.39	1.12	7.0	0.12	0.27	38.59
4.457	21.45	5.39	1.12	6.99	0.12	0.27	38.59
4.486	21.46	5.39	1.26	6.96	0.12	0.27	38.59
4.501	21.47	5.39	1.26	6.95	0.12	0.27	38.58
4.602	21.47	5.39	1.48	6.98	0.12	0.3	38.58
4.612	21.47	5.39	1.34	6.91	0.12	0.28	38.59
4.621	21.47	5.39	1.34	6.9	0.12	0.28	38.58

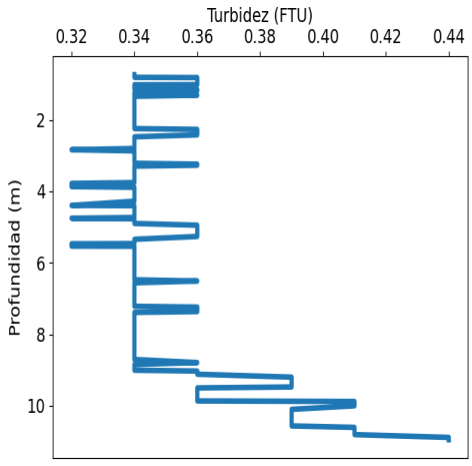
4.653	21.47	5.39	1.34	6.91	0.12	0.28	38.58
4.684	21.47	5.39	1.34	6.92	0.12	0.28	38.59
4.689	21.47	5.39	1.34	6.92	0.12	0.28	38.59

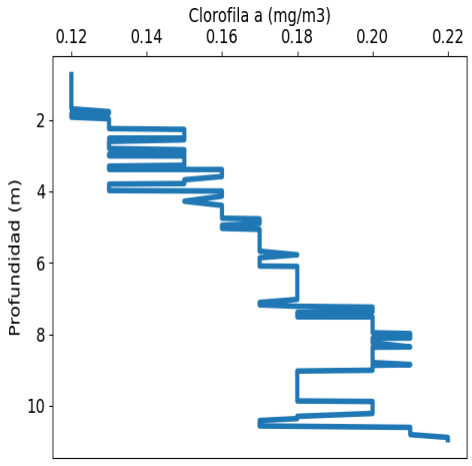
Nombre: CTD D - Punto 006 **Fecha: 04/05/2023** **Hora: 07:05:33**

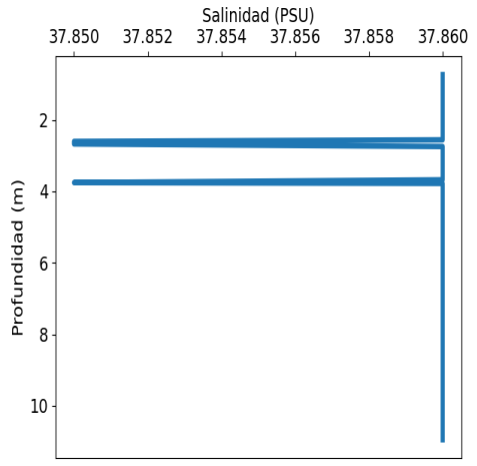


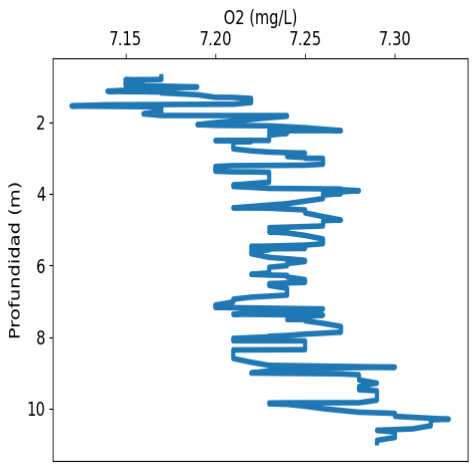


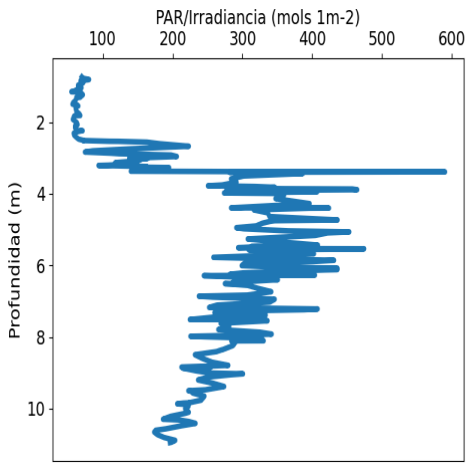












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	20.37	5.18	0.32	7.12	54.83	0.12	37.85
PROF (metros)	10.002	0.733	2.834	1.547	1.149	0.733	2.602
MÁXIMO	20.41	20.41	0.44	7.33	590.59	0.22	37.86
PROF (metros)	0.733	0.733	10.887	10.297	3.388	10.887	0.733

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD D - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.41	5.18	0.35	7.16	72.31	0.12	37.86
1 - 2m	20.41	5.18	0.34	7.19	62.83	0.12	37.86
10 - 11m	20.37	5.18	0.4	7.3	201.48	0.2	37.86
2 - 3m	20.4	5.18	0.34	7.23	104.31	0.14	37.86
3 - 4m	20.4	5.18	0.34	7.23	251.86	0.14	37.86
4 - 5m	20.4	5.18	0.34	7.25	347.74	0.16	37.86
5 - 6m	20.4	5.18	0.34	7.24	371.21	0.17	37.86
6 - 7m	20.39	5.18	0.34	7.23	329.46	0.18	37.86
7 - 8m	20.39	5.18	0.34	7.24	295.63	0.19	37.86
8 - 9m	20.39	5.18	0.34	7.24	260.99	0.2	37.86
9 - 10m	20.38	5.18	0.37	7.27	241.09	0.18	37.86

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.733	20.41	5.18	0.34	7.17	69.93	0.12	37.86
0.773	20.41	5.18	0.34	7.17	71.62	0.12	37.86
0.808	20.41	5.18	0.34	7.17	80.57	0.12	37.86
0.815	20.41	5.18	0.36	7.15	79.38	0.12	37.86
0.839	20.41	5.18	0.36	7.16	68.02	0.12	37.86
0.897	20.41	5.18	0.36	7.15	72.17	0.12	37.86
0.966	20.41	5.18	0.36	7.15	64.49	0.12	37.86
1.013	20.41	5.18	0.36	7.19	64.46	0.12	37.86
1.016	20.41	5.18	0.34	7.19	68.3	0.12	37.86
1.038	20.41	5.18	0.34	7.18	69.67	0.12	37.86
1.075	20.41	5.18	0.34	7.16	68.3	0.12	37.86
1.107	20.41	5.18	0.34	7.15	60.82	0.12	37.86
1.134	20.41	5.18	0.34	7.14	65.39	0.12	37.86
1.146	20.41	5.18	0.36	7.15	59.75	0.12	37.86
1.149	20.41	5.18	0.36	7.16	54.83	0.12	37.86
1.157	20.41	5.18	0.36	7.17	62.74	0.12	37.86
1.181	20.41	5.18	0.36	7.17	69.05	0.12	37.86
1.233	20.41	5.18	0.34	7.19	71.64	0.12	37.86
1.305	20.41	5.18	0.34	7.2	67.64	0.12	37.86
1.308	20.41	5.18	0.36	7.21	61.97	0.12	37.86
1.338	20.41	5.18	0.34	7.22	62.35	0.12	37.86
1.395	20.41	5.18	0.34	7.22	60.86	0.12	37.86
1.451	20.41	5.18	0.34	7.22	57.55	0.12	37.86
1.497	20.41	5.18	0.34	7.21	56.47	0.12	37.86
1.514	20.41	5.18	0.34	7.14	63.23	0.12	37.86
1.547	20.41	5.18	0.34	7.12	65.16	0.12	37.86
1.573	20.41	5.18	0.34	7.17	61.1	0.12	37.86
1.612	20.41	5.18	0.34	7.17	61.02	0.12	37.86
1.69	20.41	5.18	0.34	7.17	62.05	0.12	37.86
1.767	20.41	5.18	0.34	7.16	66.46	0.13	37.86
1.813	20.41	5.18	0.34	7.17	67.96	0.13	37.86

1.814	20.41	5.18	0.34	7.24	61.84	0.13	37.86
1.816	20.41	5.18	0.34	7.24	60.23	0.12	37.86
1.834	20.41	5.18	0.34	7.24	58.66	0.12	37.86
1.874	20.41	5.18	0.34	7.23	58.06	0.12	37.86
1.923	20.41	5.18	0.34	7.22	56.99	0.12	37.86
1.969	20.41	5.18	0.34	7.21	60.47	0.13	37.86
2.012	20.41	5.18	0.34	7.2	62.97	0.13	37.86
2.068	20.41	5.18	0.34	7.19	64.06	0.13	37.86
2.088	20.4	5.18	0.34	7.2	63.15	0.13	37.86
2.102	20.4	5.18	0.34	7.23	60.22	0.13	37.86
2.155	20.4	5.18	0.34	7.25	60.22	0.13	37.86
2.235	20.4	5.18	0.34	7.27	62.28	0.13	37.86
2.239	20.41	5.18	0.34	7.23	71.32	0.13	37.86
2.243	20.41	5.18	0.34	7.23	68.88	0.13	37.86
2.265	20.4	5.18	0.36	7.23	64.1	0.15	37.86
2.308	20.4	5.18	0.36	7.24	58.22	0.15	37.86
2.361	20.41	5.18	0.36	7.23	58.88	0.15	37.86
2.418	20.41	5.18	0.36	7.23	61.81	0.15	37.86
2.473	20.41	5.18	0.34	7.23	65.42	0.15	37.86
2.509	20.41	5.18	0.34	7.23	72.58	0.15	37.86
2.513	20.4	5.18	0.34	7.2	71.92	0.13	37.86
2.533	20.4	5.18	0.34	7.22	109.21	0.15	37.86
2.535	20.4	5.18	0.34	7.22	122.35	0.15	37.86
2.557	20.4	5.18	0.34	7.21	163.2	0.15	37.86
2.602	20.4	5.18	0.34	7.21	181.44	0.13	37.85
2.672	20.4	5.18	0.34	7.21	223.48	0.13	37.85
2.744	20.4	5.18	0.34	7.21	140.5	0.13	37.86
2.8	20.4	5.18	0.34	7.22	85.76	0.13	37.86
2.834	20.4	5.18	0.32	7.23	74.29	0.15	37.86
2.866	20.4	5.18	0.34	7.25	112.09	0.15	37.86
2.881	20.4	5.18	0.34	7.24	123.75	0.15	37.86
2.917	20.4	5.18	0.34	7.24	197.83	0.15	37.86
2.959	20.4	5.18	0.34	7.24	206.32	0.13	37.86
2.987	20.4	5.18	0.34	7.25	167.54	0.13	37.86
2.997	20.4	5.18	0.34	7.25	151.1	0.13	37.86
3.003	20.4	5.18	0.34	7.25	140.47	0.13	37.86
3.007	20.4	5.18	0.34	7.25	137.76	0.13	37.86
3.009	20.4	5.18	0.34	7.26	164.56	0.15	37.86
3.027	20.4	5.18	0.34	7.26	156.34	0.15	37.86
3.078	20.4	5.18	0.34	7.26	151.1	0.15	37.86
3.13	20.4	5.18	0.34	7.26	117.8	0.15	37.86
3.174	20.4	5.18	0.34	7.26	132.76	0.15	37.86
3.201	20.4	5.18	0.34	7.25	107.5	0.15	37.86
3.209	20.4	5.18	0.34	7.22	93.75	0.15	37.86
3.214	20.4	5.18	0.34	7.21	107.76	0.15	37.86
3.238	20.4	5.18	0.36	7.2	163.2	0.15	37.86
3.255	20.4	5.18	0.36	7.2	142.27	0.15	37.86
3.256	20.4	5.18	0.36	7.2	153.8	0.15	37.86
3.268	20.4	5.18	0.36	7.2	195.2	0.15	37.86
3.293	20.4	5.18	0.34	7.2	181.4	0.13	37.86
3.321	20.4	5.18	0.34	7.2	143.8	0.13	37.86
3.369	20.4	5.18	0.34	7.2	140.07	0.13	37.86
3.386	20.4	5.18	0.34	7.21	382.6	0.13	37.86
3.388	20.4	5.18	0.34	7.22	590.59	0.16	37.86
3.398	20.4	5.18	0.34	7.23	281.3	0.16	37.86
3.435	20.4	5.18	0.34	7.23	386.65	0.16	37.86
3.502	20.4	5.18	0.34	7.23	301.98	0.16	37.86
3.584	20.4	5.18	0.34	7.23	283.59	0.16	37.86

3.676	20.4	5.18	0.34	7.23	291.77	0.15	37.86
3.754	20.4	5.18	0.34	7.21	271.02	0.15	37.85
3.777	20.4	5.18	0.32	7.22	250.54	0.15	37.86
3.781	20.4	5.18	0.32	7.21	272.69	0.15	37.86
3.796	20.4	5.18	0.32	7.21	317.99	0.13	37.86
3.819	20.4	5.18	0.32	7.22	346.79	0.13	37.86
3.848	20.4	5.18	0.32	7.23	320.43	0.13	37.86
3.858	20.4	5.18	0.32	7.25	358.99	0.13	37.86
3.866	20.4	5.18	0.32	7.27	457.54	0.13	37.86
3.886	20.4	5.18	0.34	7.27	464.7	0.13	37.86
3.912	20.4	5.18	0.34	7.28	276.72	0.13	37.86
3.945	20.4	5.18	0.34	7.27	407.33	0.13	37.86
3.977	20.4	5.18	0.34	7.26	273.59	0.13	37.86
3.991	20.4	5.18	0.34	7.27	352.6	0.16	37.86
4.038	20.4	5.18	0.34	7.26	359.86	0.16	37.86
4.134	20.4	5.18	0.34	7.26	347.32	0.16	37.86
4.275	20.4	5.18	0.34	7.24	396.5	0.15	37.86
4.393	20.4	5.18	0.32	7.21	283.59	0.16	37.86
4.399	20.4	5.18	0.34	7.22	424.35	0.16	37.86
4.402	20.4	5.18	0.34	7.23	395.9	0.16	37.86
4.45	20.4	5.18	0.34	7.25	316.39	0.16	37.86
4.533	20.4	5.18	0.34	7.25	336.54	0.16	37.86
4.636	20.4	5.18	0.34	7.26	338.83	0.16	37.86
4.731	20.4	5.18	0.34	7.27	436.6	0.16	37.86
4.751	20.4	5.18	0.32	7.26	346.25	0.16	37.86
4.769	20.4	5.18	0.34	7.26	339.95	0.17	37.86
4.822	20.4	5.18	0.34	7.26	328.68	0.17	37.86
4.898	20.4	5.18	0.34	7.26	319.59	0.17	37.86
4.947	20.4	5.18	0.36	7.23	291.2	0.16	37.86
4.977	20.4	5.18	0.36	7.24	302.31	0.16	37.86
5.036	20.4	5.18	0.36	7.24	366.05	0.16	37.86
5.064	20.4	5.18	0.36	7.23	453.35	0.17	37.86
5.092	20.4	5.18	0.36	7.24	422.22	0.17	37.86
5.163	20.4	5.18	0.36	7.25	404.48	0.17	37.86
5.262	20.4	5.18	0.36	7.26	307.58	0.17	37.86
5.341	20.4	5.18	0.34	7.26	350.14	0.17	37.86
5.394	20.4	5.18	0.34	7.26	384.62	0.17	37.86
5.434	20.4	5.18	0.34	7.25	408.4	0.17	37.86
5.459	20.4	5.18	0.34	7.23	369.35	0.17	37.86
5.461	20.39	5.18	0.34	7.23	321.56	0.17	37.86
5.467	20.4	5.18	0.32	7.22	313.22	0.17	37.86
5.486	20.4	5.18	0.32	7.22	314.46	0.17	37.86
5.507	20.4	5.18	0.32	7.23	293.76	0.17	37.86
5.526	20.4	5.18	0.32	7.25	357.19	0.17	37.86
5.533	20.4	5.18	0.32	7.24	404.84	0.17	37.86
5.536	20.4	5.18	0.34	7.22	474.68	0.17	37.86
5.544	20.4	5.18	0.34	7.23	462.78	0.17	37.86
5.567	20.4	5.18	0.34	7.23	309.07	0.17	37.86
5.609	20.4	5.18	0.34	7.22	394.77	0.17	37.86
5.674	20.4	5.18	0.34	7.22	402.8	0.17	37.86
5.775	20.4	5.18	0.34	7.23	258.34	0.18	37.86
5.858	20.4	5.18	0.34	7.25	431.56	0.17	37.86
5.892	20.4	5.18	0.34	7.25	401.31	0.17	37.86
5.949	20.4	5.18	0.34	7.24	302.44	0.17	37.86
6.007	20.4	5.18	0.34	7.24	298.95	0.17	37.86
6.053	20.4	5.18	0.34	7.23	364.45	0.17	37.86
6.078	20.4	5.18	0.34	7.23	436.31	0.17	37.86
6.089	20.4	5.18	0.34	7.23	434.69	0.17	37.86

6.1	20.4	5.18	0.34	7.23	365.01	0.18	37.86
6.115	20.4	5.18	0.34	7.23	436.41	0.18	37.86
6.153	20.4	5.18	0.34	7.23	377.78	0.18	37.86
6.209	20.4	5.18	0.34	7.23	301.38	0.18	37.86
6.249	20.4	5.18	0.34	7.22	282.1	0.18	37.86
6.271	20.4	5.18	0.34	7.23	404.22	0.18	37.86
6.279	20.39	5.18	0.34	7.24	329.9	0.18	37.86
6.286	20.39	5.18	0.34	7.24	244.63	0.18	37.86
6.324	20.39	5.18	0.34	7.24	289.61	0.18	37.86
6.4	20.39	5.18	0.34	7.25	351.06	0.18	37.86
6.475	20.39	5.18	0.34	7.25	286.02	0.18	37.86
6.507	20.39	5.18	0.36	7.23	308.53	0.18	37.86
6.509	20.39	5.18	0.36	7.23	274.79	0.18	37.86
6.559	20.39	5.18	0.34	7.23	307.85	0.18	37.86
6.644	20.39	5.18	0.34	7.24	322.76	0.18	37.86
6.736	20.39	5.18	0.34	7.24	341.66	0.18	37.86
6.83	20.39	5.18	0.34	7.24	307.04	0.18	37.86
6.86	20.39	5.18	0.34	7.23	237.51	0.18	37.86
6.887	20.39	5.18	0.34	7.22	258.0	0.18	37.86
6.945	20.39	5.18	0.34	7.21	346.48	0.18	37.86
7.024	20.39	5.18	0.34	7.21	339.43	0.18	37.86
7.109	20.39	5.18	0.34	7.2	263.94	0.17	37.86
7.175	20.39	5.18	0.34	7.2	252.19	0.17	37.86
7.217	20.39	5.18	0.34	7.26	408.04	0.18	37.86
7.239	20.39	5.18	0.36	7.25	388.26	0.2	37.86
7.278	20.39	5.18	0.36	7.23	276.84	0.2	37.86
7.319	20.39	5.18	0.36	7.22	259.87	0.2	37.86
7.364	20.39	5.18	0.36	7.21	321.0	0.2	37.86
7.387	20.39	5.18	0.34	7.26	288.03	0.18	37.86
7.388	20.39	5.18	0.34	7.26	333.61	0.18	37.86
7.431	20.39	5.18	0.34	7.25	265.91	0.18	37.86
7.513	20.39	5.18	0.34	7.24	224.61	0.18	37.86
7.514	20.39	5.18	0.34	7.25	309.81	0.2	37.86
7.547	20.39	5.18	0.34	7.25	336.25	0.2	37.86
7.618	20.39	5.18	0.34	7.26	268.66	0.2	37.86
7.705	20.39	5.18	0.34	7.27	281.3	0.2	37.86
7.792	20.39	5.18	0.34	7.27	265.39	0.2	37.86
7.866	20.39	5.18	0.34	7.27	325.24	0.2	37.86
7.92	20.39	5.18	0.34	7.25	342.19	0.2	37.86
7.958	20.39	5.18	0.34	7.24	279.46	0.2	37.86
7.98	20.39	5.18	0.34	7.23	225.45	0.21	37.86
7.996	20.39	5.18	0.34	7.23	248.41	0.21	37.86
8.039	20.39	5.18	0.34	7.21	327.38	0.21	37.86
8.106	20.39	5.18	0.34	7.21	330.7	0.21	37.86
8.109	20.39	5.18	0.34	7.25	283.96	0.2	37.86
8.154	20.39	5.18	0.34	7.25	289.93	0.2	37.86
8.239	20.39	5.18	0.34	7.25	286.71	0.2	37.86
8.354	20.39	5.18	0.34	7.25	271.68	0.21	37.86
8.362	20.39	5.18	0.34	7.21	269.9	0.2	37.86
8.409	20.38	5.18	0.34	7.21	262.84	0.2	37.86
8.495	20.38	5.18	0.34	7.21	231.86	0.2	37.86
8.599	20.38	5.18	0.34	7.21	242.76	0.2	37.86
8.706	20.38	5.18	0.34	7.22	256.98	0.2	37.86
8.792	20.38	5.18	0.36	7.23	280.01	0.2	37.86
8.843	20.38	5.18	0.34	7.3	212.56	0.21	37.86
8.845	20.38	5.18	0.34	7.29	255.02	0.21	37.86
8.852	20.38	5.18	0.34	7.28	225.01	0.21	37.86
8.869	20.38	5.18	0.34	7.26	214.57	0.2	37.86

8.9	20.38	5.18	0.34	7.24	222.07	0.2	37.86
8.946	20.38	5.18	0.34	7.23	233.95	0.2	37.86
9.006	20.38	5.18	0.34	7.22	253.74	0.2	37.86
9.029	20.38	5.18	0.36	7.27	301.12	0.18	37.86
9.055	20.38	5.18	0.36	7.28	283.59	0.18	37.86
9.118	20.38	5.18	0.36	7.28	251.58	0.18	37.86
9.2	20.38	5.18	0.39	7.28	236.37	0.18	37.86
9.288	20.38	5.18	0.39	7.29	257.15	0.18	37.86
9.384	20.38	5.18	0.39	7.28	274.13	0.18	37.86
9.475	20.38	5.18	0.39	7.28	247.22	0.18	37.86
9.501	20.38	5.18	0.36	7.29	222.46	0.18	37.86
9.516	20.38	5.18	0.36	7.29	226.59	0.18	37.86
9.566	20.38	5.18	0.36	7.29	228.98	0.18	37.86
9.652	20.38	5.18	0.36	7.29	245.81	0.18	37.86
9.765	20.38	5.18	0.36	7.29	241.07	0.18	37.86
9.836	20.38	5.18	0.36	7.28	223.92	0.18	37.86
9.838	20.38	5.18	0.36	7.24	224.66	0.18	37.86
9.845	20.38	5.18	0.36	7.23	215.98	0.18	37.86
9.866	20.38	5.18	0.36	7.23	206.46	0.18	37.86
9.881	20.38	5.18	0.41	7.24	216.88	0.2	37.86
9.933	20.38	5.18	0.41	7.25	223.04	0.2	37.86
10.002	20.37	5.18	0.41	7.26	217.83	0.2	37.86
10.101	20.37	5.18	0.39	7.28	223.43	0.2	37.86
10.133	20.37	5.18	0.39	7.3	217.93	0.2	37.86
10.216	20.37	5.18	0.39	7.3	197.31	0.2	37.86
10.297	20.37	5.18	0.39	7.33	186.11	0.18	37.86
10.316	20.37	5.18	0.39	7.32	208.45	0.18	37.86
10.36	20.37	5.18	0.39	7.32	223.14	0.18	37.86
10.413	20.37	5.18	0.39	7.32	233.08	0.17	37.86
10.478	20.37	5.18	0.39	7.32	213.21	0.17	37.86
10.565	20.37	5.18	0.39	7.31	190.35	0.17	37.86
10.606	20.37	5.18	0.41	7.29	175.73	0.21	37.86
10.656	20.37	5.18	0.41	7.3	173.55	0.21	37.86
10.727	20.37	5.18	0.41	7.3	178.25	0.21	37.86
10.808	20.37	5.18	0.41	7.3	188.07	0.21	37.86
10.887	20.37	5.18	0.44	7.29	203.99	0.22	37.86
10.94	20.37	5.18	0.44	7.29	198.57	0.22	37.86
10.951	20.37	5.18	0.44	7.29	196.15	0.22	37.86

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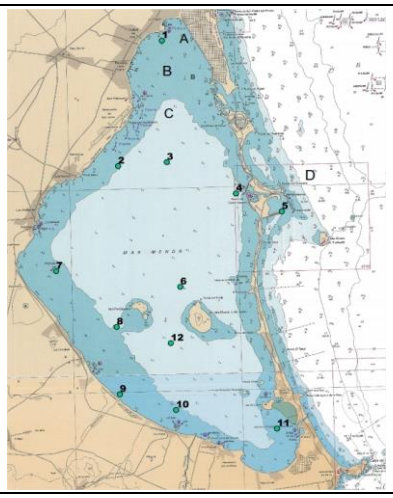
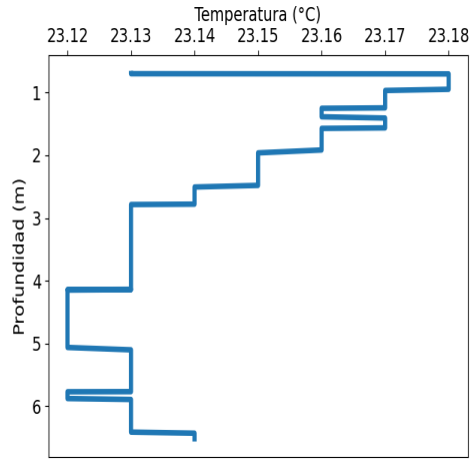
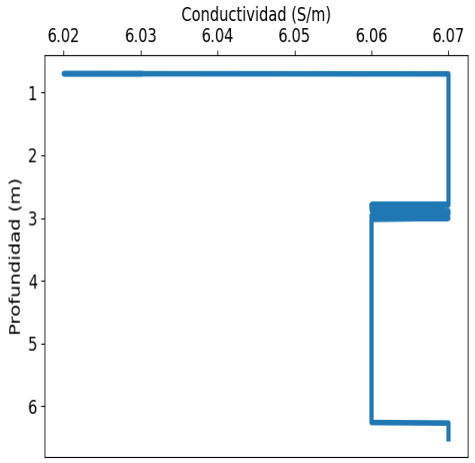
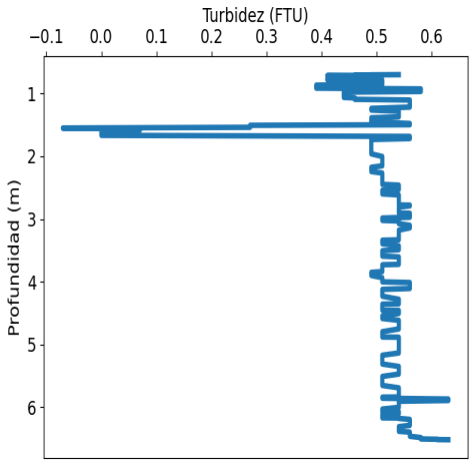
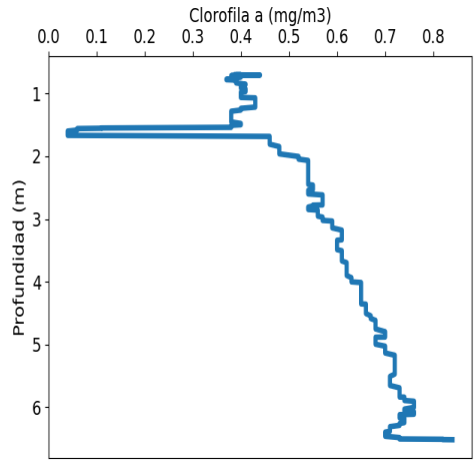
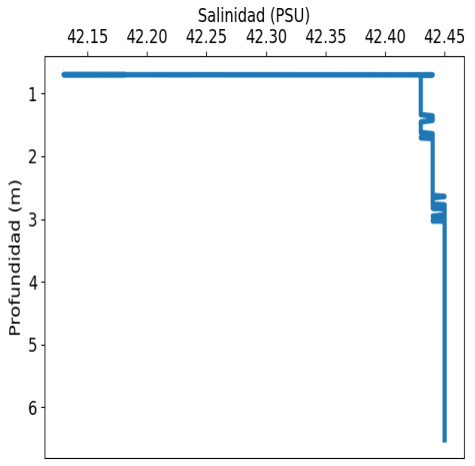


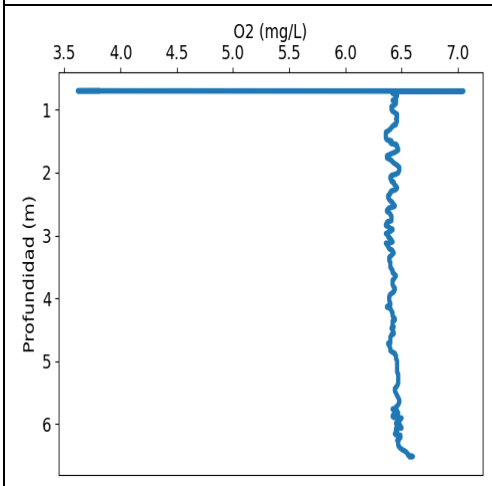


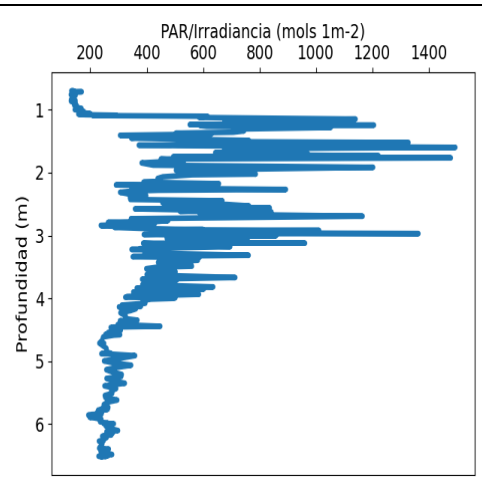












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.12	6.02	-0.07	3.62	130.54	0.04	42.13
PROF (metros)	4.148	0.701	1.549	0.701	0.76	1.599	0.701
MÁXIMO	23.18	23.18	0.63	7.05	1494.2	0.84	42.45
PROF (metros)	0.703	0.703	5.868	0.704	1.599	6.516	2.641

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.18	6.07	0.48	6.29	143.5	0.4	42.42
1 - 2m	23.17	6.07	0.46	6.42	639.39	0.39	42.43
2 - 3m	23.14	6.07	0.52	6.4	519.87	0.55	42.44
3 - 4m	23.13	6.06	0.52	6.41	502.73	0.61	42.45
4 - 5m	23.12	6.06	0.52	6.41	310.66	0.66	42.45
5 - 6m	23.13	6.06	0.53	6.46	253.67	0.73	42.45
6 - 7m	23.13	6.07	0.55	6.5	253.77	0.74	42.45

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	23.13	6.03	0.54	3.8	134.43	0.39	42.18
0.701	23.13	6.02	0.51	3.62	132.24	0.4	42.13
0.703	23.18	6.07	0.49	6.79	140.9	0.39	42.44
0.704	23.18	6.07	0.49	7.05	142.67	0.4	42.43
0.707	23.18	6.07	0.51	6.43	141.27	0.44	42.43
0.709	23.18	6.07	0.46	6.43	143.52	0.4	42.43
0.712	23.18	6.07	0.51	6.41	149.19	0.39	42.43
0.715	23.18	6.07	0.41	6.43	170.32	0.38	42.43
0.721	23.18	6.07	0.49	6.42	151.76	0.4	42.43
0.722	23.18	6.07	0.49	6.42	137.88	0.4	42.43
0.739	23.18	6.07	0.49	6.42	149.16	0.4	42.43
0.75	23.18	6.07	0.49	6.43	139.77	0.39	42.43
0.76	23.18	6.07	0.49	6.44	130.54	0.39	42.43
0.772	23.18	6.07	0.41	6.46	148.5	0.37	42.43
0.779	23.18	6.07	0.41	6.46	133.84	0.37	42.43
0.78	23.18	6.07	0.41	6.46	140.38	0.37	42.43
0.787	23.18	6.07	0.51	6.45	138.73	0.39	42.43
0.802	23.18	6.07	0.51	6.45	140.53	0.39	42.43
0.831	23.18	6.07	0.51	6.45	132.29	0.39	42.43
0.853	23.18	6.07	0.51	6.42	134.22	0.41	42.43
0.855	23.18	6.07	0.51	6.43	148.37	0.41	42.43
0.857	23.18	6.07	0.51	6.45	130.77	0.41	42.43
0.867	23.18	6.07	0.39	6.44	131.49	0.4	42.43
0.886	23.18	6.07	0.39	6.45	143.64	0.4	42.43
0.902	23.18	6.07	0.39	6.45	148.83	0.4	42.43
0.915	23.18	6.07	0.39	6.44	143.9	0.4	42.43
0.927	23.18	6.07	0.58	6.43	142.45	0.41	42.43
0.935	23.18	6.07	0.58	6.43	152.83	0.41	42.43
0.949	23.18	6.07	0.58	6.41	150.7	0.41	42.43
0.968	23.17	6.07	0.58	6.41	153.26	0.41	42.43
0.979	23.17	6.07	0.44	6.41	169.35	0.4	42.43
0.999	23.17	6.07	0.44	6.41	144.4	0.4	42.43
1.025	23.17	6.07	0.44	6.42	176.89	0.4	42.43
1.047	23.17	6.07	0.44	6.44	174.16	0.4	42.43
1.063	23.17	6.07	0.44	6.45	200.49	0.4	42.43

1.07	23.17	6.07	0.46	6.46	157.13	0.43	42.43
1.08	23.17	6.07	0.46	6.46	182.08	0.43	42.43
1.088	23.17	6.07	0.46	6.46	292.67	0.43	42.43
1.093	23.17	6.07	0.46	6.46	209.23	0.43	42.43
1.104	23.17	6.07	0.56	6.46	615.94	0.43	42.43
1.124	23.17	6.07	0.56	6.46	585.57	0.43	42.43
1.149	23.17	6.07	0.56	6.45	1140.7	0.43	42.43
1.182	23.17	6.07	0.56	6.46	674.82	0.43	42.43
1.217	23.17	6.07	0.56	6.45	848.65	0.43	42.43
1.237	23.17	6.07	0.49	6.45	551.96	0.4	42.43
1.245	23.17	6.07	0.49	6.43	1205.9	0.4	42.43
1.252	23.16	6.07	0.49	6.43	588.65	0.4	42.43
1.264	23.16	6.07	0.49	6.42	612.45	0.4	42.43
1.283	23.16	6.07	0.54	6.41	1052.6	0.38	42.43
1.309	23.16	6.07	0.54	6.4	706.56	0.38	42.43
1.338	23.16	6.07	0.54	6.38	745.01	0.38	42.43
1.358	23.16	6.07	0.54	6.36	706.87	0.38	42.44
1.373	23.16	6.07	0.54	6.36	502.7	0.38	42.44
1.387	23.16	6.07	0.49	6.36	629.71	0.38	42.44
1.407	23.17	6.07	0.49	6.36	305.03	0.38	42.44
1.428	23.17	6.07	0.49	6.36	395.12	0.38	42.44
1.453	23.17	6.07	0.49	6.36	344.82	0.38	42.43
1.478	23.17	6.07	0.56	6.37	654.45	0.4	42.43
1.488	23.17	6.07	0.56	6.39	762.5	0.4	42.43
1.49	23.17	6.07	0.56	6.4	611.64	0.4	42.43
1.498	23.17	6.07	0.56	6.41	718.73	0.4	42.43
1.507	23.17	6.07	0.27	6.41	606.84	0.38	42.43
1.522	23.17	6.07	0.27	6.4	1328.2	0.38	42.43
1.539	23.17	6.07	0.27	6.41	678.97	0.38	42.43
1.549	23.17	6.07	-0.07	6.45	789.5	0.11	42.43
1.55	23.17	6.07	-0.07	6.45	762.5	0.11	42.43
1.554	23.17	6.07	-0.07	6.45	513.04	0.11	42.43
1.559	23.17	6.07	0.07	6.45	484.34	0.06	42.43
1.564	23.17	6.07	0.07	6.45	371.3	0.06	42.43
1.572	23.16	6.07	0.07	6.46	511.25	0.06	42.43
1.583	23.16	6.07	0.07	6.46	944.54	0.06	42.43
1.599	23.16	6.07	0.0	6.46	1494.2	0.04	42.43
1.622	23.16	6.07	0.0	6.47	673.64	0.04	42.43
1.643	23.16	6.07	0.0	6.47	867.44	0.04	42.44
1.654	23.16	6.07	0.0	6.46	752.55	0.04	42.44
1.667	23.16	6.07	0.0	6.45	900.52	0.04	42.44
1.684	23.16	6.07	0.56	6.43	642.1	0.46	42.44
1.699	23.16	6.07	0.56	6.41	971.6	0.46	42.43
1.707	23.16	6.07	0.56	6.4	907.45	0.46	42.43
1.718	23.16	6.07	0.56	6.39	843.84	0.46	42.44
1.733	23.16	6.07	0.49	6.37	1222.4	0.46	42.44
1.749	23.16	6.07	0.49	6.37	493.0	0.46	42.44
1.766	23.16	6.07	0.49	6.37	1478.2	0.46	42.44
1.784	23.16	6.07	0.49	6.39	449.5	0.46	42.44
1.808	23.16	6.07	0.49	6.41	533.08	0.46	42.44
1.846	23.16	6.07	0.49	6.43	381.52	0.48	42.44
1.882	23.16	6.07	0.49	6.46	422.96	0.48	42.44
1.916	23.16	6.07	0.49	6.48	1203.0	0.48	42.44
1.962	23.15	6.07	0.49	6.48	502.92	0.48	42.44
2.004	23.15	6.07	0.51	6.47	750.9	0.52	42.44
2.024	23.15	6.07	0.51	6.45	786.92	0.52	42.44
2.035	23.15	6.07	0.51	6.43	560.97	0.52	42.44
2.046	23.15	6.07	0.51	6.41	526.01	0.52	42.44

2.067	23.15	6.07	0.51	6.4	457.24	0.54	42.44
2.094	23.15	6.07	0.51	6.4	437.84	0.54	42.44
2.121	23.15	6.07	0.51	6.41	444.6	0.54	42.44
2.139	23.15	6.07	0.51	6.41	441.69	0.54	42.44
2.152	23.15	6.07	0.51	6.43	388.17	0.54	42.44
2.176	23.15	6.07	0.49	6.43	656.6	0.54	42.44
2.196	23.15	6.07	0.49	6.44	290.56	0.54	42.44
2.214	23.15	6.07	0.49	6.45	471.26	0.54	42.44
2.244	23.15	6.07	0.49	6.46	345.95	0.54	42.44
2.268	23.15	6.07	0.51	6.45	893.85	0.54	42.44
2.281	23.15	6.07	0.51	6.43	440.05	0.54	42.44
2.292	23.15	6.07	0.51	6.41	355.78	0.54	42.44
2.313	23.15	6.07	0.51	6.4	305.17	0.54	42.44
2.336	23.15	6.07	0.51	6.4	330.84	0.54	42.44
2.365	23.15	6.07	0.51	6.38	398.77	0.54	42.44
2.396	23.15	6.07	0.51	6.38	339.95	0.54	42.44
2.427	23.15	6.07	0.51	6.39	341.51	0.54	42.44
2.448	23.15	6.07	0.51	6.4	668.79	0.54	42.44
2.46	23.15	6.07	0.54	6.41	521.88	0.55	42.44
2.48	23.15	6.07	0.54	6.42	455.34	0.55	42.44
2.506	23.14	6.07	0.54	6.43	684.04	0.55	42.44
2.53	23.14	6.07	0.54	6.44	763.33	0.55	42.44
2.542	23.14	6.07	0.51	6.43	640.7	0.54	42.44
2.552	23.14	6.07	0.51	6.41	630.26	0.54	42.44
2.561	23.14	6.07	0.51	6.39	836.66	0.54	42.44
2.577	23.14	6.07	0.51	6.38	357.97	0.54	42.44
2.6	23.14	6.07	0.51	6.37	621.22	0.54	42.44
2.616	23.14	6.07	0.54	6.37	517.67	0.57	42.44
2.624	23.14	6.07	0.54	6.38	842.36	0.57	42.44
2.641	23.14	6.07	0.54	6.39	586.21	0.57	42.45
2.663	23.14	6.07	0.54	6.4	671.72	0.57	42.44
2.693	23.14	6.07	0.54	6.41	1165.5	0.57	42.44
2.733	23.14	6.07	0.54	6.41	343.54	0.57	42.44
2.763	23.14	6.07	0.54	6.41	476.24	0.57	42.44
2.775	23.14	6.07	0.54	6.39	443.44	0.57	42.45
2.779	23.14	6.07	0.56	6.38	427.61	0.55	42.45
2.785	23.13	6.06	0.56	6.38	320.72	0.55	42.44
2.791	23.13	6.07	0.56	6.37	262.44	0.55	42.45
2.81	23.13	6.06	0.54	6.37	429.49	0.54	42.45
2.827	23.13	6.06	0.54	6.36	308.32	0.54	42.44
2.839	23.13	6.06	0.54	6.36	236.68	0.54	42.45
2.848	23.13	6.06	0.54	6.37	240.59	0.54	42.45
2.858	23.13	6.06	0.54	6.38	337.65	0.56	42.45
2.871	23.13	6.06	0.54	6.39	285.33	0.56	42.45
2.886	23.13	6.07	0.54	6.4	373.17	0.56	42.45
2.9	23.13	6.07	0.54	6.42	497.34	0.56	42.45
2.904	23.13	6.07	0.54	6.42	599.71	0.56	42.45
2.909	23.13	6.07	0.56	6.42	514.73	0.56	42.45
2.919	23.13	6.07	0.56	6.41	1011.5	0.56	42.45
2.933	23.13	6.07	0.56	6.4	429.77	0.56	42.45
2.954	23.13	6.06	0.56	6.38	440.73	0.56	42.44
2.97	23.13	6.06	0.56	6.36	1363.5	0.57	42.45
2.972	23.13	6.06	0.56	6.37	492.25	0.57	42.45
2.984	23.13	6.06	0.51	6.38	389.36	0.57	42.45
3.003	23.13	6.07	0.51	6.38	859.12	0.57	42.45
3.022	23.13	6.06	0.51	6.38	474.68	0.57	42.44
3.032	23.13	6.06	0.54	6.39	743.05	0.59	42.44
3.034	23.13	6.06	0.54	6.39	760.0	0.59	42.45

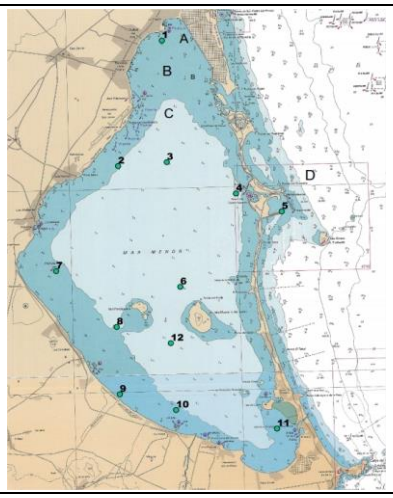
3.048	23.13	6.06	0.54	6.4	470.44	0.59	42.45
3.074	23.13	6.06	0.54	6.41	611.78	0.59	42.45
3.1	23.13	6.06	0.56	6.42	566.4	0.59	42.45
3.116	23.13	6.06	0.56	6.4	597.22	0.59	42.45
3.122	23.13	6.06	0.56	6.38	961.44	0.59	42.45
3.123	23.13	6.06	0.56	6.36	386.82	0.59	42.45
3.141	23.13	6.06	0.56	6.37	468.18	0.59	42.45
3.177	23.13	6.06	0.54	6.38	696.58	0.61	42.45
3.209	23.13	6.06	0.54	6.39	375.8	0.61	42.45
3.221	23.13	6.06	0.54	6.4	384.12	0.61	42.45
3.222	23.13	6.06	0.54	6.4	345.8	0.61	42.45
3.227	23.13	6.06	0.54	6.41	462.98	0.61	42.45
3.242	23.13	6.06	0.54	6.42	471.98	0.61	42.45
3.278	23.13	6.06	0.54	6.43	391.76	0.61	42.45
3.315	23.13	6.06	0.54	6.41	761.83	0.61	42.45
3.331	23.13	6.06	0.54	6.4	353.76	0.61	42.45
3.338	23.13	6.06	0.51	6.4	349.84	0.6	42.45
3.349	23.13	6.06	0.51	6.39	587.11	0.6	42.45
3.365	23.13	6.06	0.51	6.39	565.41	0.6	42.45
3.394	23.13	6.06	0.51	6.39	581.61	0.6	42.45
3.427	23.13	6.06	0.54	6.4	439.57	0.6	42.45
3.448	23.13	6.06	0.54	6.4	505.02	0.6	42.45
3.466	23.13	6.06	0.54	6.4	558.4	0.6	42.45
3.488	23.13	6.06	0.54	6.4	560.73	0.6	42.45
3.505	23.13	6.06	0.51	6.4	434.4	0.61	42.45
3.528	23.13	6.06	0.51	6.41	397.98	0.61	42.45
3.554	23.13	6.06	0.51	6.42	406.44	0.61	42.45
3.578	23.13	6.06	0.51	6.42	502.92	0.61	42.45
3.591	23.13	6.06	0.51	6.42	457.84	0.61	42.45
3.604	23.13	6.06	0.54	6.43	467.66	0.61	42.45
3.622	23.13	6.06	0.54	6.44	399.29	0.61	42.45
3.64	23.13	6.06	0.54	6.45	501.82	0.61	42.45
3.668	23.13	6.06	0.54	6.44	714.34	0.61	42.45
3.696	23.13	6.06	0.54	6.43	383.02	0.62	42.45
3.709	23.13	6.06	0.54	6.42	506.68	0.62	42.45
3.716	23.13	6.06	0.54	6.42	421.94	0.62	42.45
3.722	23.13	6.06	0.54	6.42	413.07	0.62	42.45
3.729	23.13	6.06	0.51	6.42	396.33	0.62	42.45
3.748	23.13	6.06	0.51	6.42	465.52	0.62	42.45
3.782	23.13	6.06	0.51	6.42	383.86	0.62	42.45
3.817	23.13	6.06	0.51	6.43	636.22	0.62	42.45
3.837	23.13	6.06	0.51	6.44	363.82	0.62	42.45
3.85	23.13	6.06	0.49	6.44	603.0	0.62	42.45
3.865	23.13	6.06	0.49	6.44	421.66	0.62	42.45
3.879	23.13	6.06	0.49	6.43	483.91	0.62	42.45
3.899	23.13	6.06	0.49	6.43	351.68	0.62	42.45
3.935	23.13	6.06	0.51	6.4	585.7	0.63	42.45
3.969	23.13	6.06	0.51	6.39	331.2	0.63	42.45
3.982	23.13	6.06	0.51	6.39	323.47	0.63	42.45
3.99	23.13	6.06	0.51	6.39	502.15	0.63	42.45
4.001	23.13	6.06	0.51	6.39	488.49	0.63	42.45
4.012	23.13	6.06	0.56	6.39	414.61	0.65	42.45
4.036	23.13	6.06	0.56	6.39	385.13	0.65	42.45
4.077	23.13	6.06	0.56	6.4	395.55	0.65	42.45
4.107	23.13	6.06	0.56	6.4	311.44	0.65	42.45
4.121	23.13	6.06	0.51	6.38	380.52	0.65	42.45
4.13	23.13	6.06	0.51	6.37	378.36	0.65	42.45
4.136	23.13	6.06	0.51	6.37	301.05	0.65	42.45

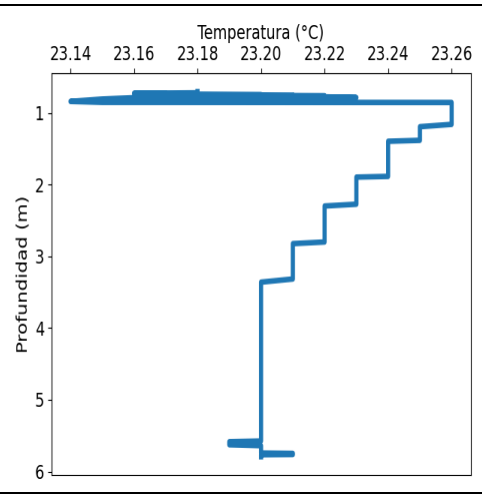
4.14	23.12	6.06	0.51	6.37	327.46	0.65	42.45
4.141	23.13	6.06	0.51	6.38	337.5	0.65	42.45
4.148	23.12	6.06	0.51	6.39	358.52	0.65	42.45
4.166	23.12	6.06	0.51	6.4	361.75	0.65	42.45
4.196	23.12	6.06	0.51	6.41	342.11	0.65	42.45
4.229	23.12	6.06	0.51	6.42	306.24	0.65	42.45
4.279	23.12	6.06	0.54	6.42	325.95	0.65	42.45
4.323	23.12	6.06	0.54	6.44	325.24	0.65	42.45
4.346	23.12	6.06	0.54	6.44	367.66	0.65	42.45
4.352	23.12	6.06	0.54	6.43	327.03	0.65	42.45
4.356	23.12	6.06	0.51	6.42	304.7	0.66	42.45
4.376	23.12	6.06	0.51	6.42	359.78	0.66	42.45
4.416	23.12	6.06	0.51	6.42	296.73	0.66	42.45
4.443	23.12	6.06	0.51	6.42	448.61	0.66	42.45
4.452	23.12	6.06	0.51	6.43	327.53	0.66	42.45
4.456	23.12	6.06	0.54	6.43	281.61	0.66	42.45
4.463	23.12	6.06	0.54	6.42	271.74	0.66	42.45
4.474	23.12	6.06	0.54	6.41	277.87	0.66	42.45
4.505	23.12	6.06	0.54	6.42	308.8	0.66	42.45
4.542	23.12	6.06	0.51	6.43	262.61	0.67	42.45
4.564	23.12	6.06	0.51	6.43	270.31	0.67	42.45
4.573	23.12	6.06	0.51	6.42	253.07	0.67	42.45
4.577	23.12	6.06	0.51	6.41	306.3	0.67	42.45
4.585	23.12	6.06	0.51	6.41	283.28	0.67	42.45
4.614	23.12	6.06	0.54	6.4	244.95	0.68	42.45
4.666	23.12	6.06	0.54	6.4	241.97	0.68	42.45
4.712	23.12	6.06	0.54	6.4	231.6	0.68	42.45
4.714	23.12	6.06	0.54	6.38	249.61	0.68	42.45
4.721	23.12	6.06	0.54	6.38	235.59	0.68	42.45
4.751	23.12	6.06	0.54	6.39	243.56	0.68	42.45
4.795	23.12	6.06	0.51	6.4	258.11	0.7	42.45
4.831	23.12	6.06	0.51	6.4	257.71	0.7	42.45
4.856	23.12	6.06	0.51	6.42	261.24	0.7	42.45
4.875	23.12	6.06	0.51	6.44	274.19	0.7	42.45
4.88	23.12	6.06	0.51	6.44	238.81	0.7	42.45
4.883	23.12	6.06	0.54	6.44	264.57	0.68	42.45
4.91	23.12	6.06	0.54	6.45	359.31	0.68	42.45
4.954	23.12	6.06	0.54	6.45	303.97	0.68	42.45
4.994	23.12	6.06	0.54	6.46	248.19	0.68	42.45
5.026	23.12	6.06	0.54	6.46	282.41	0.7	42.45
5.062	23.12	6.06	0.54	6.46	345.57	0.7	42.45
5.1	23.13	6.06	0.54	6.46	290.37	0.7	42.45
5.134	23.13	6.06	0.54	6.46	256.14	0.7	42.45
5.17	23.13	6.06	0.51	6.46	277.93	0.72	42.45
5.209	23.13	6.06	0.51	6.47	312.13	0.72	42.45
5.242	23.13	6.06	0.51	6.47	310.35	0.72	42.45
5.272	23.13	6.06	0.51	6.47	256.87	0.72	42.45
5.31	23.13	6.06	0.51	6.47	280.38	0.72	42.45
5.349	23.13	6.06	0.54	6.47	323.18	0.72	42.45
5.391	23.13	6.06	0.54	6.46	249.77	0.72	42.45
5.434	23.13	6.06	0.54	6.44	292.35	0.72	42.45
5.47	23.13	6.06	0.54	6.44	273.95	0.72	42.45
5.508	23.13	6.06	0.51	6.45	278.42	0.71	42.45
5.544	23.13	6.06	0.51	6.46	250.92	0.71	42.45
5.577	23.13	6.06	0.51	6.47	253.13	0.71	42.45
5.616	23.13	6.06	0.51	6.48	296.09	0.71	42.45
5.651	23.13	6.06	0.51	6.48	260.38	0.71	42.45
5.69	23.13	6.06	0.54	6.47	247.05	0.73	42.45

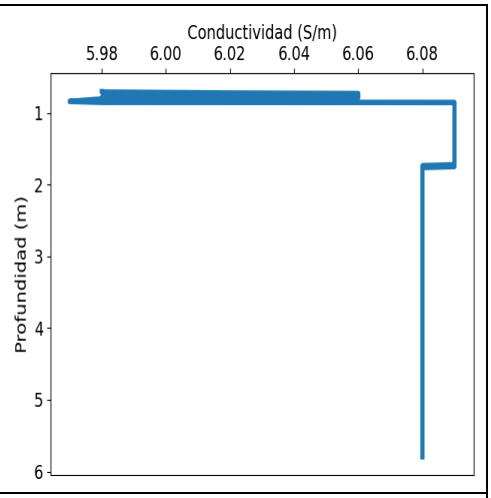
5.731	23.13	6.06	0.54	6.45	264.4	0.73	42.45
5.752	23.13	6.06	0.54	6.44	253.74	0.73	42.45
5.759	23.13	6.06	0.54	6.42	238.13	0.73	42.45
5.763	23.13	6.06	0.54	6.42	262.21	0.73	42.45
5.766	23.13	6.06	0.54	6.43	253.96	0.73	42.45
5.768	23.12	6.06	0.54	6.43	253.91	0.73	42.45
5.774	23.12	6.06	0.54	6.44	228.23	0.73	42.45
5.787	23.12	6.06	0.54	6.46	226.29	0.73	42.45
5.804	23.12	6.06	0.54	6.46	242.5	0.73	42.45
5.821	23.12	6.06	0.54	6.47	234.51	0.73	42.45
5.831	23.12	6.06	0.54	6.47	235.49	0.73	42.45
5.836	23.12	6.06	0.54	6.46	219.51	0.73	42.45
5.837	23.12	6.06	0.51	6.45	224.41	0.74	42.45
5.838	23.12	6.06	0.51	6.44	240.38	0.74	42.45
5.844	23.12	6.06	0.51	6.43	205.69	0.74	42.45
5.855	23.12	6.06	0.51	6.43	192.32	0.74	42.45
5.868	23.12	6.06	0.63	6.42	201.81	0.74	42.45
5.876	23.12	6.06	0.63	6.42	214.52	0.74	42.45
5.891	23.13	6.06	0.63	6.43	197.48	0.74	42.45
5.903	23.13	6.06	0.54	6.5	220.42	0.76	42.45
5.905	23.13	6.06	0.54	6.5	220.57	0.76	42.45
5.919	23.13	6.06	0.54	6.49	239.7	0.76	42.45
5.938	23.13	6.06	0.54	6.48	233.95	0.76	42.45
5.961	23.13	6.06	0.54	6.48	234.05	0.76	42.45
5.976	23.13	6.06	0.54	6.47	251.64	0.76	42.45
5.983	23.13	6.06	0.54	6.45	263.42	0.76	42.45
5.991	23.13	6.06	0.54	6.45	247.49	0.76	42.45
5.993	23.13	6.06	0.54	6.48	284.15	0.76	42.45
6.0	23.13	6.06	0.54	6.48	256.53	0.76	42.45
6.028	23.13	6.06	0.51	6.49	254.24	0.74	42.45
6.06	23.13	6.06	0.51	6.5	277.08	0.74	42.45
6.069	23.13	6.06	0.54	6.45	269.84	0.76	42.45
6.082	23.13	6.06	0.54	6.45	281.42	0.76	42.45
6.101	23.13	6.06	0.54	6.45	299.08	0.76	42.45
6.11	23.13	6.06	0.51	6.46	267.43	0.76	42.45
6.117	23.13	6.06	0.51	6.45	256.7	0.73	42.45
6.135	23.13	6.06	0.51	6.45	281.18	0.73	42.45
6.154	23.13	6.06	0.51	6.44	274.37	0.73	42.45
6.168	23.13	6.06	0.51	6.45	257.66	0.73	42.45
6.17	23.13	6.06	0.54	6.47	273.89	0.74	42.45
6.173	23.13	6.06	0.54	6.48	274.85	0.74	42.45
6.177	23.13	6.06	0.54	6.49	250.54	0.74	42.45
6.192	23.13	6.06	0.56	6.49	241.54	0.74	42.45
6.213	23.13	6.06	0.56	6.49	258.51	0.74	42.45
6.228	23.13	6.06	0.56	6.48	248.08	0.74	42.45
6.243	23.13	6.06	0.56	6.47	246.62	0.74	42.45
6.258	23.13	6.06	0.56	6.46	248.57	0.73	42.45
6.267	23.13	6.07	0.56	6.47	231.1	0.73	42.45
6.269	23.13	6.07	0.56	6.47	230.09	0.73	42.45
6.287	23.13	6.07	0.56	6.47	237.51	0.73	42.45
6.308	23.13	6.07	0.54	6.47	243.4	0.71	42.45
6.337	23.13	6.07	0.54	6.47	240.81	0.71	42.45
6.364	23.13	6.07	0.54	6.48	233.28	0.71	42.45
6.382	23.13	6.07	0.54	6.49	230.84	0.71	42.45
6.395	23.13	6.07	0.56	6.5	266.26	0.7	42.45
6.411	23.13	6.07	0.56	6.51	256.08	0.7	42.45
6.428	23.14	6.07	0.56	6.53	235.75	0.7	42.45
6.442	23.14	6.07	0.56	6.54	241.86	0.7	42.45

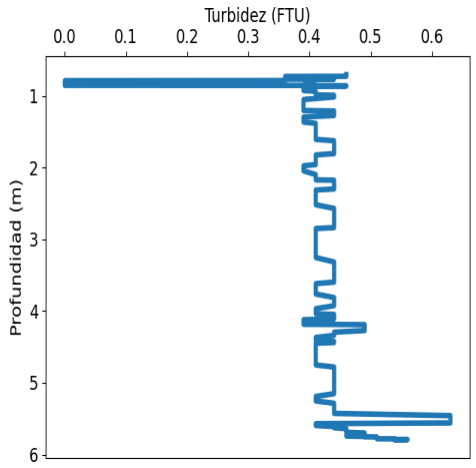
6.461	23.14	6.07	0.56	6.55	258.62	0.7	42.45
6.482	23.14	6.07	0.58	6.56	278.12	0.73	42.45
6.492	23.14	6.07	0.58	6.56	247.87	0.73	42.45
6.498	23.14	6.07	0.58	6.56	243.62	0.73	42.45
6.504	23.14	6.07	0.58	6.57	262.61	0.73	42.45
6.509	23.14	6.07	0.61	6.59	228.78	0.82	42.45
6.512	23.14	6.07	0.61	6.59	235.95	0.82	42.45
6.513	23.14	6.07	0.61	6.6	243.24	0.82	42.45
6.514	23.14	6.07	0.61	6.59	236.88	0.82	42.45
6.516	23.14	6.07	0.63	6.58	249.99	0.84	42.45

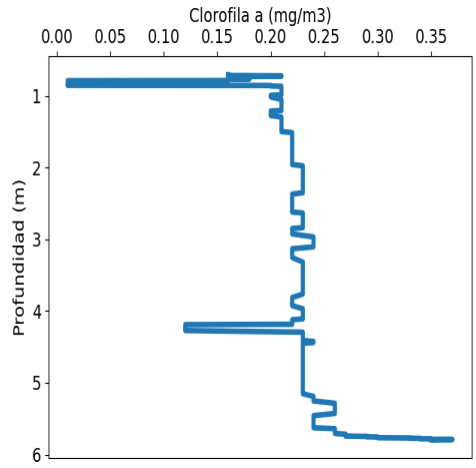
Nombre: CTD E12 - Punto 008 **Fecha: 04/05/2023** **Hora: 08:05:11**

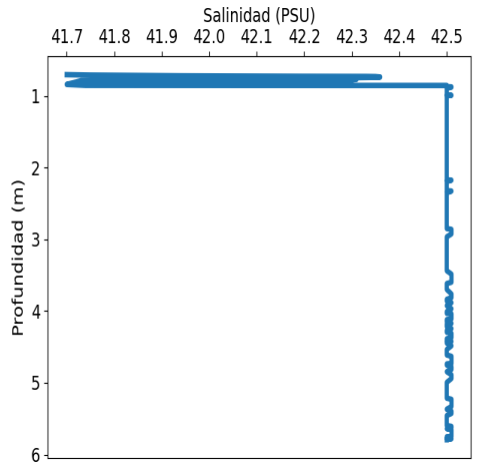


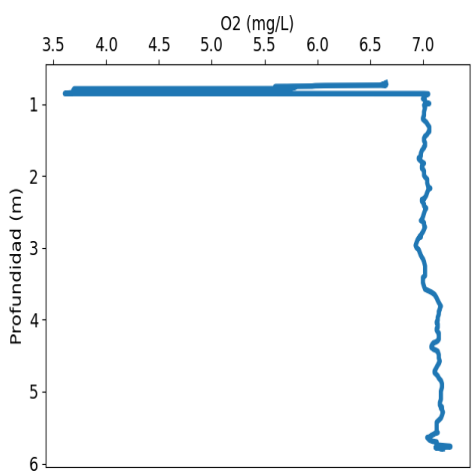


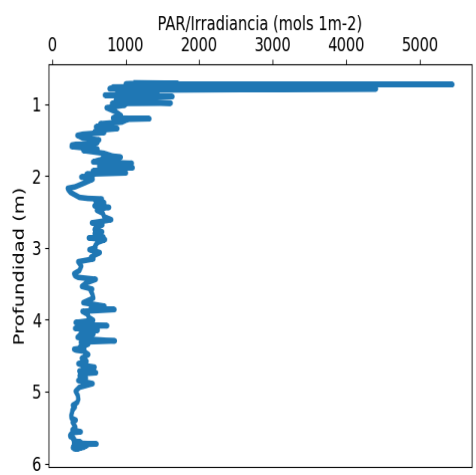












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.14	5.97	0.0	3.61	210.79	0.01	41.7
PROF (metros)	0.838	0.838	0.786	0.851	2.17	0.786	0.702
MÁXIMO	23.26	23.26	0.63	7.26	5446.4	0.37	42.51
PROF (metros)	0.852	0.852	5.458	5.763	0.725	5.791	0.873

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.22	6.06	0.41	6.52	1396.98	0.19	42.34
1 - 2m	23.24	6.09	0.41	7.01	679.33	0.21	42.5
2 - 3m	23.22	6.08	0.42	7.01	566.6	0.23	42.5
3 - 4m	23.2	6.08	0.43	7.06	498.96	0.23	42.5
4 - 5m	23.2	6.08	0.43	7.14	442.71	0.22	42.51
5 - 6m	23.2	6.08	0.49	7.16	323.72	0.29	42.5

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)
0.702	23.18	5.98	0.46	6.65	1134.0	0.16	41.7
0.708	23.18	5.98	0.46	6.64	1706.9	0.16	41.75
0.714	23.18	6.0	0.46	6.64	1063.1	0.16	41.86
0.718	23.18	6.01	0.46	6.64	999.43	0.21	41.94
0.722	23.17	6.02	0.46	6.63	1272.1	0.21	42.08
0.725	23.16	6.04	0.46	6.62	5446.4	0.21	42.19
0.726	23.17	6.05	0.36	6.61	2223.6	0.18	42.32
0.727	23.17	6.06	0.36	6.61	1362.6	0.18	42.33
0.729	23.17	6.06	0.36	6.63	1989.2	0.18	42.35
0.735	23.17	6.06	0.36	6.65	1691.7	0.18	42.36
0.74	23.19	6.06	0.41	6.07	1655.7	0.18	42.34
0.743	23.2	6.06	0.41	5.98	1780.6	0.18	42.31
0.748	23.2	6.05	0.41	5.95	2274.3	0.18	42.27
0.751	23.21	6.06	0.39	5.77	1483.4	0.16	42.31
0.754	23.21	6.06	0.39	5.69	1122.9	0.16	42.31
0.757	23.21	6.06	0.39	5.6	1255.5	0.16	42.31
0.759	23.22	6.06	0.44	5.6	1055.9	0.18	42.3
0.761	23.22	6.06	0.44	5.69	825.02	0.18	42.3
0.764	23.22	6.06	0.44	5.75	1674.0	0.18	42.29
0.765	23.22	6.06	0.36	5.79	1295.1	0.16	42.31
0.767	23.22	6.06	0.36	5.78	2478.1	0.16	42.31
0.774	23.22	6.06	0.36	5.76	1074.8	0.16	42.3
0.784	23.23	6.06	0.36	5.74	779.03	0.16	42.3
0.786	23.16	5.98	0.0	3.7	4407.3	0.01	41.73
0.805	23.15	5.98	0.0	3.69	880.64	0.01	41.72
0.838	23.14	5.97	0.0	3.69	1430.8	0.01	41.7
0.851	23.15	5.98	0.0	3.61	1354.9	0.01	41.74
0.852	23.26	6.09	0.41	7.01	1129.8	0.2	42.5
0.853	23.26	6.09	0.39	7.01	1090.7	0.2	42.5
0.857	23.26	6.09	0.46	7.05	1059.1	0.2	42.5
0.86	23.26	6.09	0.46	7.05	1094.0	0.2	42.5
0.864	23.26	6.09	0.39	7.03	975.43	0.21	42.5
0.865	23.26	6.09	0.39	7.03	1084.5	0.21	42.5
0.87	23.26	6.09	0.39	7.03	876.79	0.21	42.5
0.873	23.26	6.09	0.39	7.02	715.44	0.21	42.51
0.876	23.26	6.09	0.39	7.01	906.26	0.21	42.51

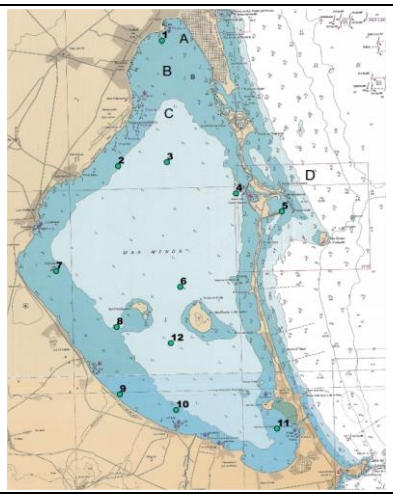
0.893	23.26	6.09	0.39	7.02	1638.4	0.21	42.5
0.907	23.26	6.09	0.39	7.01	1005.6	0.21	42.5
0.923	23.26	6.09	0.39	7.0	1267.4	0.21	42.5
0.934	23.26	6.09	0.41	7.01	1161.9	0.21	42.5
0.95	23.26	6.09	0.41	7.02	861.76	0.21	42.5
0.984	23.26	6.09	0.41	7.03	1614.2	0.21	42.5
0.99	23.26	6.09	0.44	7.06	812.83	0.2	42.51
0.994	23.26	6.09	0.44	7.04	941.86	0.2	42.5
1.013	23.26	6.09	0.44	7.01	990.28	0.2	42.5
1.049	23.26	6.09	0.39	7.02	738.67	0.21	42.5
1.105	23.26	6.09	0.39	7.01	864.4	0.21	42.5
1.158	23.26	6.09	0.39	7.01	937.33	0.21	42.5
1.191	23.25	6.09	0.39	7.0	826.11	0.21	42.5
1.202	23.25	6.09	0.39	7.0	1324.7	0.21	42.5
1.209	23.25	6.09	0.44	7.0	1042.6	0.2	42.5
1.223	23.25	6.09	0.44	7.01	1001.2	0.2	42.5
1.248	23.25	6.09	0.44	7.03	949.52	0.2	42.5
1.272	23.25	6.09	0.44	7.04	653.02	0.2	42.5
1.293	23.25	6.09	0.39	7.05	718.73	0.21	42.5
1.315	23.25	6.09	0.39	7.06	594.35	0.21	42.5
1.339	23.25	6.09	0.39	7.06	888.38	0.21	42.5
1.363	23.25	6.09	0.39	7.06	620.41	0.21	42.5
1.381	23.25	6.09	0.41	7.06	577.55	0.21	42.5
1.394	23.24	6.09	0.41	7.05	709.04	0.21	42.5
1.417	23.24	6.09	0.41	7.04	418.81	0.21	42.5
1.434	23.24	6.09	0.41	7.03	341.66	0.21	42.5
1.444	23.24	6.09	0.41	7.02	365.01	0.21	42.5
1.473	23.24	6.09	0.41	7.01	417.71	0.21	42.5
1.496	23.24	6.09	0.41	7.01	640.98	0.21	42.5
1.51	23.24	6.09	0.41	7.01	609.24	0.22	42.5
1.535	23.24	6.09	0.41	7.02	615.4	0.22	42.5
1.554	23.24	6.09	0.41	7.02	539.42	0.22	42.5
1.557	23.24	6.09	0.41	7.02	480.53	0.22	42.5
1.558	23.24	6.09	0.41	7.02	322.4	0.22	42.5
1.568	23.24	6.09	0.41	7.02	266.61	0.22	42.5
1.58	23.24	6.09	0.41	7.02	281.98	0.22	42.5
1.589	23.24	6.09	0.41	7.01	263.48	0.22	42.5
1.605	23.24	6.09	0.41	7.01	410.73	0.22	42.5
1.624	23.24	6.09	0.44	7.0	617.83	0.22	42.5
1.644	23.24	6.09	0.44	6.99	423.98	0.22	42.5
1.683	23.24	6.09	0.44	6.98	702.86	0.22	42.5
1.721	23.24	6.09	0.44	6.98	817.83	0.22	42.5
1.737	23.24	6.08	0.44	6.97	935.08	0.22	42.5
1.746	23.24	6.09	0.44	6.96	686.59	0.22	42.5
1.76	23.24	6.08	0.44	6.96	867.63	0.22	42.5
1.777	23.24	6.08	0.44	6.97	640.42	0.22	42.5
1.803	23.24	6.08	0.44	6.99	555.47	0.22	42.5
1.822	23.24	6.08	0.41	7.01	1085.2	0.22	42.5
1.835	23.24	6.08	0.41	7.0	916.63	0.22	42.5
1.86	23.24	6.08	0.41	6.99	639.3	0.22	42.5
1.884	23.24	6.08	0.41	6.99	1097.1	0.22	42.5
1.894	23.23	6.08	0.41	6.99	709.2	0.22	42.5
1.903	23.23	6.08	0.41	7.0	717.0	0.22	42.5
1.929	23.23	6.08	0.41	7.01	551.96	0.22	42.5
1.956	23.23	6.08	0.41	7.01	1005.4	0.22	42.5
1.973	23.23	6.08	0.39	7.01	467.77	0.23	42.5
1.98	23.23	6.08	0.39	7.01	561.59	0.23	42.5
1.991	23.23	6.08	0.39	7.01	557.55	0.23	42.5

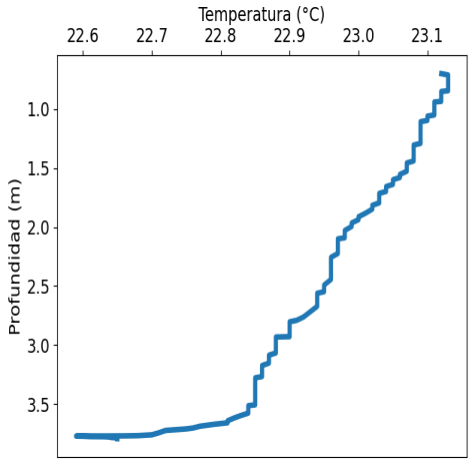
2.013	23.23	6.08	0.39	7.02	394.25	0.23	42.5
2.044	23.23	6.08	0.39	7.04	552.44	0.23	42.5
2.096	23.23	6.08	0.41	7.04	438.51	0.23	42.5
2.15	23.23	6.08	0.41	7.05	312.26	0.23	42.5
2.17	23.23	6.08	0.41	7.07	210.79	0.23	42.5
2.174	23.23	6.08	0.44	7.06	214.9	0.23	42.51
2.192	23.23	6.08	0.44	7.05	220.13	0.23	42.5
2.227	23.23	6.08	0.44	7.04	248.68	0.23	42.5
2.272	23.23	6.08	0.44	7.03	327.89	0.23	42.5
2.297	23.22	6.08	0.44	7.02	371.79	0.23	42.5
2.311	23.22	6.08	0.41	7.01	485.82	0.23	42.5
2.319	23.22	6.08	0.41	7.01	677.63	0.23	42.5
2.326	23.22	6.08	0.41	6.99	666.01	0.23	42.51
2.349	23.22	6.08	0.41	6.99	589.68	0.23	42.5
2.369	23.22	6.08	0.41	7.0	709.2	0.22	42.5
2.389	23.22	6.08	0.41	7.01	704.86	0.22	42.5
2.414	23.22	6.08	0.41	7.01	573.39	0.22	42.5
2.436	23.22	6.08	0.41	7.02	776.31	0.22	42.5
2.444	23.22	6.08	0.41	7.03	680.45	0.22	42.5
2.451	23.22	6.08	0.41	7.03	700.25	0.22	42.5
2.475	23.22	6.08	0.41	7.02	606.04	0.22	42.5
2.517	23.22	6.08	0.41	7.01	688.09	0.22	42.5
2.567	23.22	6.08	0.44	7.0	708.27	0.22	42.5
2.607	23.22	6.08	0.44	6.99	804.69	0.22	42.5
2.619	23.22	6.08	0.44	6.98	738.67	0.22	42.5
2.631	23.22	6.08	0.44	7.0	667.76	0.23	42.5
2.651	23.22	6.08	0.44	7.01	538.94	0.23	42.5
2.679	23.22	6.08	0.44	7.01	684.79	0.23	42.5
2.71	23.22	6.08	0.44	7.02	595.0	0.23	42.5
2.744	23.22	6.08	0.44	7.01	576.03	0.23	42.5
2.776	23.22	6.08	0.44	7.0	681.65	0.23	42.5
2.799	23.22	6.08	0.44	6.99	576.66	0.23	42.5
2.822	23.21	6.08	0.44	6.98	602.74	0.23	42.5
2.836	23.21	6.08	0.44	6.97	626.96	0.23	42.5
2.848	23.21	6.08	0.41	6.98	698.72	0.22	42.5
2.861	23.21	6.08	0.41	6.96	496.79	0.22	42.51
2.884	23.21	6.08	0.41	6.95	720.62	0.22	42.51
2.923	23.21	6.08	0.41	6.94	618.78	0.22	42.51
2.965	23.21	6.08	0.41	6.93	587.49	0.24	42.5
2.998	23.21	6.08	0.41	6.94	589.94	0.24	42.5
3.024	23.21	6.08	0.41	6.96	505.02	0.24	42.5
3.065	23.21	6.08	0.41	6.97	649.59	0.24	42.5
3.104	23.21	6.08	0.41	6.98	571.26	0.24	42.5
3.13	23.21	6.08	0.41	6.99	526.12	0.22	42.5
3.153	23.21	6.08	0.41	7.0	562.33	0.22	42.5
3.192	23.21	6.08	0.41	7.01	352.84	0.22	42.5
3.253	23.21	6.08	0.41	7.02	396.68	0.22	42.5
3.315	23.21	6.08	0.44	7.02	370.81	0.23	42.5
3.359	23.2	6.08	0.44	7.02	297.19	0.23	42.5
3.388	23.2	6.08	0.44	7.02	310.83	0.23	42.5
3.41	23.2	6.08	0.44	7.0	352.76	0.23	42.5
3.437	23.2	6.08	0.44	7.0	594.61	0.23	42.5
3.485	23.2	6.08	0.44	7.0	465.93	0.23	42.51
3.536	23.2	6.08	0.44	7.01	403.33	0.23	42.51
3.574	23.2	6.08	0.44	7.02	546.43	0.23	42.51
3.596	23.2	6.08	0.44	7.05	523.25	0.23	42.51
3.617	23.2	6.08	0.41	7.08	534.6	0.23	42.5
3.648	23.2	6.08	0.41	7.11	548.35	0.23	42.5

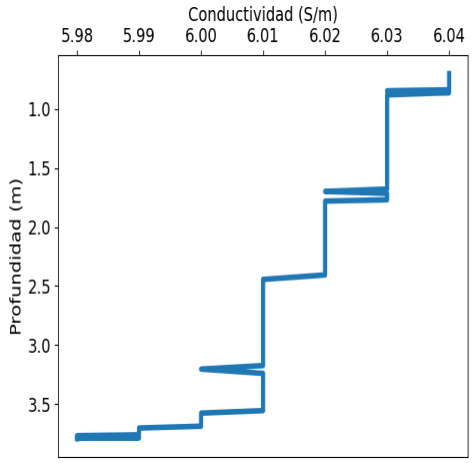
3.698	23.2	6.08	0.41	7.13	560.6	0.23	42.5
3.762	23.2	6.08	0.41	7.15	422.22	0.23	42.51
3.811	23.2	6.08	0.44	7.17	713.4	0.22	42.51
3.837	23.2	6.08	0.44	7.16	524.17	0.22	42.5
3.858	23.2	6.08	0.44	7.16	849.4	0.22	42.5
3.883	23.2	6.08	0.44	7.15	410.73	0.22	42.51
3.924	23.2	6.08	0.44	7.15	482.64	0.22	42.5
3.967	23.2	6.08	0.41	7.14	497.99	0.23	42.51
4.007	23.2	6.08	0.41	7.14	559.01	0.23	42.5
4.031	23.2	6.08	0.41	7.13	364.85	0.23	42.5
4.038	23.2	6.08	0.41	7.13	317.57	0.23	42.51
4.046	23.2	6.08	0.44	7.13	504.13	0.23	42.51
4.056	23.2	6.08	0.44	7.14	411.54	0.23	42.51
4.069	23.2	6.08	0.44	7.14	423.98	0.23	42.51
4.083	23.2	6.08	0.44	7.14	750.41	0.23	42.51
4.092	23.2	6.08	0.44	7.14	375.06	0.23	42.51
4.097	23.2	6.08	0.44	7.14	407.86	0.23	42.51
4.108	23.2	6.08	0.44	7.14	482.85	0.23	42.51
4.109	23.2	6.08	0.44	7.14	474.78	0.23	42.51
4.12	23.2	6.08	0.39	7.13	310.08	0.22	42.5
4.146	23.2	6.08	0.39	7.13	620.68	0.22	42.5
4.171	23.2	6.08	0.39	7.14	392.02	0.22	42.51
4.184	23.2	6.08	0.39	7.15	397.72	0.22	42.5
4.189	23.2	6.08	0.49	7.15	457.84	0.12	42.5
4.197	23.2	6.08	0.49	7.15	563.43	0.12	42.5
4.215	23.2	6.08	0.49	7.15	374.07	0.12	42.5
4.244	23.2	6.08	0.49	7.15	343.84	0.12	42.51
4.271	23.2	6.08	0.49	7.15	505.57	0.12	42.5
4.294	23.2	6.08	0.44	7.14	854.62	0.23	42.5
4.311	23.2	6.08	0.44	7.12	387.83	0.23	42.51
4.322	23.2	6.08	0.44	7.1	423.6	0.23	42.51
4.339	23.2	6.08	0.44	7.09	491.82	0.23	42.51
4.368	23.2	6.08	0.41	7.08	383.44	0.23	42.51
4.387	23.2	6.08	0.41	7.08	440.63	0.23	42.5
4.397	23.2	6.08	0.41	7.09	388.85	0.23	42.5
4.41	23.2	6.08	0.41	7.1	296.41	0.23	42.5
4.423	23.2	6.08	0.44	7.12	327.31	0.24	42.51
4.439	23.2	6.08	0.44	7.14	440.82	0.24	42.5
4.447	23.2	6.08	0.41	7.14	443.53	0.23	42.5
4.484	23.2	6.08	0.41	7.15	493.22	0.23	42.51
4.536	23.2	6.08	0.41	7.15	401.04	0.23	42.5
4.577	23.2	6.08	0.41	7.16	469.2	0.23	42.5
4.599	23.2	6.08	0.41	7.15	405.1	0.23	42.5
4.611	23.2	6.08	0.41	7.15	354.77	0.23	42.5
4.632	23.2	6.08	0.41	7.14	413.62	0.23	42.51
4.66	23.2	6.08	0.41	7.13	579.07	0.23	42.51
4.687	23.2	6.08	0.41	7.12	468.38	0.23	42.51
4.714	23.2	6.08	0.41	7.11	367.58	0.23	42.51
4.73	23.2	6.08	0.41	7.11	391.07	0.23	42.51
4.737	23.2	6.08	0.41	7.11	598.66	0.23	42.5
4.752	23.2	6.08	0.41	7.12	408.49	0.23	42.5
4.78	23.2	6.08	0.44	7.14	371.54	0.23	42.51
4.813	23.2	6.08	0.44	7.15	461.36	0.23	42.51
4.845	23.2	6.08	0.44	7.17	352.99	0.23	42.5
4.889	23.2	6.08	0.44	7.18	551.96	0.23	42.51
4.94	23.2	6.08	0.44	7.18	370.24	0.23	42.51
4.995	23.2	6.08	0.44	7.17	318.34	0.23	42.5
5.053	23.2	6.08	0.44	7.17	349.3	0.23	42.5

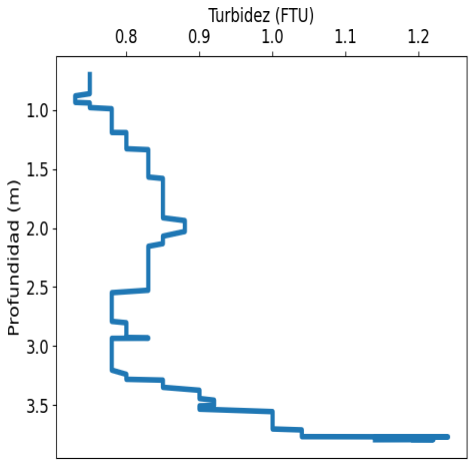
5.108	23.2	6.08	0.44	7.17	356.25	0.23	42.5
5.152	23.2	6.08	0.44	7.16	340.62	0.23	42.5
5.19	23.2	6.08	0.41	7.16	279.95	0.24	42.5
5.214	23.2	6.08	0.41	7.18	310.42	0.24	42.5
5.231	23.2	6.08	0.41	7.17	298.04	0.24	42.51
5.253	23.2	6.08	0.41	7.18	275.81	0.24	42.51
5.286	23.2	6.08	0.44	7.19	271.8	0.26	42.51
5.33	23.2	6.08	0.44	7.18	259.13	0.26	42.51
5.369	23.2	6.08	0.44	7.17	262.33	0.26	42.5
5.397	23.2	6.08	0.44	7.15	322.48	0.26	42.51
5.427	23.2	6.08	0.44	7.13	277.26	0.26	42.51
5.458	23.2	6.08	0.63	7.13	296.02	0.24	42.5
5.493	23.2	6.08	0.63	7.13	316.05	0.24	42.5
5.532	23.2	6.08	0.63	7.13	274.55	0.24	42.5
5.56	23.2	6.08	0.63	7.13	390.99	0.24	42.5
5.57	23.2	6.08	0.41	7.14	285.83	0.24	42.5
5.575	23.2	6.08	0.41	7.13	286.96	0.24	42.5
5.585	23.19	6.08	0.41	7.11	260.49	0.24	42.5
5.596	23.19	6.08	0.41	7.1	253.13	0.24	42.5
5.609	23.19	6.08	0.44	7.08	243.08	0.24	42.51
5.627	23.19	6.08	0.44	7.07	246.57	0.24	42.51
5.64	23.2	6.08	0.46	7.04	275.99	0.26	42.5
5.652	23.2	6.08	0.46	7.05	296.54	0.26	42.51
5.672	23.2	6.08	0.46	7.06	288.66	0.26	42.51
5.691	23.2	6.08	0.46	7.09	316.95	0.26	42.51
5.701	23.2	6.08	0.49	7.13	385.21	0.26	42.51
5.707	23.2	6.08	0.49	7.13	295.31	0.26	42.51
5.717	23.2	6.08	0.46	7.13	314.32	0.27	42.51
5.729	23.2	6.08	0.46	7.13	605.65	0.27	42.51
5.739	23.2	6.08	0.46	7.13	298.1	0.27	42.51
5.743	23.2	6.08	0.46	7.13	329.47	0.27	42.51
5.747	23.21	6.08	0.49	7.15	348.38	0.29	42.51
5.748	23.21	6.08	0.49	7.16	328.46	0.29	42.51
5.75	23.21	6.08	0.49	7.17	309.95	0.29	42.51
5.753	23.21	6.08	0.49	7.19	471.47	0.29	42.5
5.756	23.21	6.08	0.51	7.21	298.62	0.3	42.5
5.758	23.21	6.08	0.51	7.23	288.91	0.3	42.5
5.76	23.21	6.08	0.51	7.25	335.44	0.3	42.5
5.763	23.21	6.08	0.51	7.26	328.68	0.3	42.5
5.766	23.2	6.08	0.51	7.26	316.32	0.3	42.5
5.769	23.2	6.08	0.51	7.26	332.8	0.33	42.5
5.77	23.2	6.08	0.51	7.24	317.22	0.33	42.5
5.772	23.2	6.08	0.51	7.21	393.91	0.33	42.5
5.773	23.2	6.08	0.51	7.19	319.03	0.33	42.5
5.774	23.2	6.08	0.51	7.14	434.69	0.34	42.5
5.775	23.2	6.08	0.51	7.12	337.65	0.34	42.5
5.777	23.2	6.08	0.51	7.13	391.5	0.34	42.5
5.781	23.2	6.08	0.51	7.12	279.64	0.34	42.51
5.782	23.2	6.08	0.54	7.13	353.14	0.35	42.5
5.784	23.2	6.08	0.54	7.15	368.55	0.35	42.5
5.785	23.2	6.08	0.54	7.17	307.11	0.35	42.5
5.786	23.2	6.08	0.54	7.18	391.5	0.35	42.5
5.789	23.2	6.08	0.54	7.19	351.76	0.35	42.5
5.79	23.2	6.08	0.54	7.19	307.58	0.35	42.5
5.791	23.2	6.08	0.54	7.16	322.26	0.37	42.5
5.792	23.2	6.08	0.56	7.17	326.45	0.35	42.5
5.793	23.2	6.08	0.54	7.18	363.02	0.35	42.5
5.794	23.2	6.08	0.54	7.19	312.19	0.35	42.5

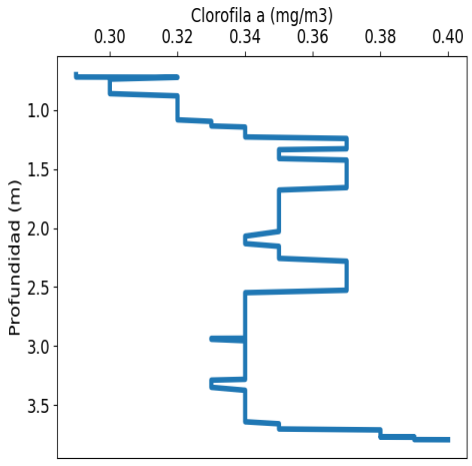
Nombre: CTD E11 - Punto 009 **Fecha: 04/05/2023** **Hora: 09:05:39**

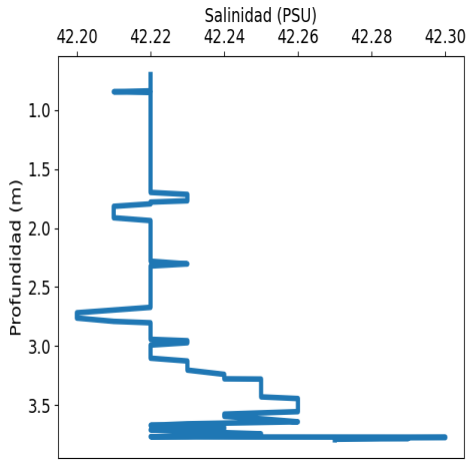


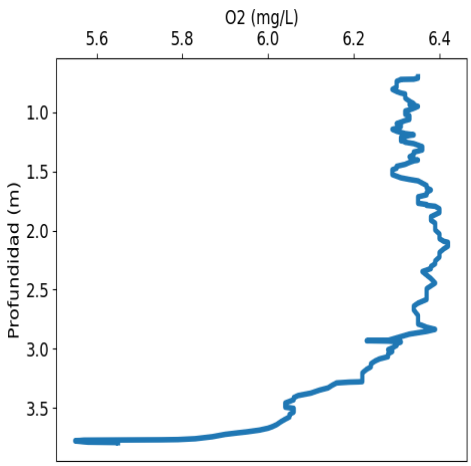


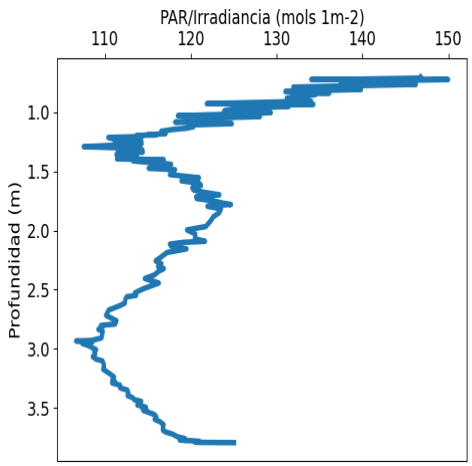












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	22.59	5.98	0.73	5.55	106.61	0.29	42.2
PROF (metros)	3.772	3.768	0.88	3.777	2.934	0.7	2.718
MÁXIMO	23.13	23.13	1.24	6.42	149.97	0.4	42.3
PROF (metros)	0.711	0.7	3.77	2.1	0.723	3.794	3.772

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.12	6.04	0.75	6.32	134.33	0.31	42.22
1 - 2m	23.07	6.03	0.82	6.34	118.15	0.35	42.22
2 - 3m	22.93	6.01	0.81	6.35	112.76	0.35	42.22
3 - 4m	22.79	6.0	0.96	5.99	115.0	0.36	42.25

OBSERVACIONES GENERALES

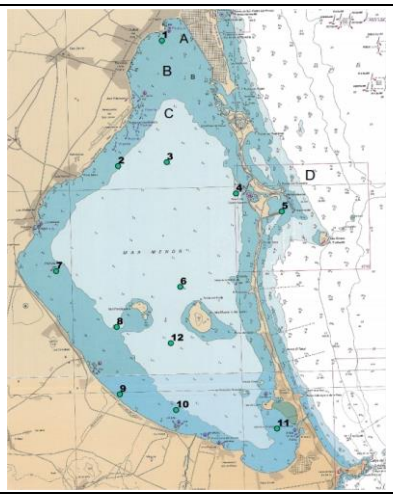
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	23.12	6.04	0.75	6.35	146.76	0.29	42.22
0.711	23.13	6.04	0.75	6.35	146.66	0.29	42.22
0.72	23.13	6.04	0.75	6.34	139.25	0.29	42.22
0.722	23.13	6.04	0.75	6.31	134.01	0.32	42.22
0.723	23.13	6.04	0.75	6.31	149.97	0.32	42.22
0.738	23.13	6.04	0.75	6.3	137.4	0.3	42.22
0.764	23.13	6.04	0.75	6.3	146.21	0.3	42.22
0.787	23.13	6.04	0.75	6.3	131.92	0.3	42.22
0.806	23.13	6.04	0.75	6.29	139.83	0.3	42.22
0.824	23.13	6.04	0.75	6.3	131.0	0.3	42.22
0.837	23.13	6.04	0.75	6.31	136.14	0.3	42.22
0.845	23.13	6.03	0.75	6.32	132.96	0.3	42.21
0.851	23.12	6.03	0.75	6.32	134.48	0.3	42.22
0.861	23.12	6.04	0.75	6.32	132.82	0.3	42.22
0.88	23.12	6.03	0.73	6.32	131.17	0.32	42.22
0.906	23.12	6.03	0.73	6.33	134.01	0.32	42.22
0.927	23.12	6.03	0.73	6.34	121.84	0.32	42.22
0.933	23.12	6.03	0.73	6.34	134.28	0.32	42.22
0.935	23.12	6.03	0.73	6.33	127.46	0.32	42.22
0.94	23.11	6.03	0.75	6.34	130.42	0.32	42.22
0.95	23.11	6.03	0.75	6.35	131.4	0.32	42.22
0.966	23.11	6.03	0.75	6.34	125.63	0.32	42.22
0.979	23.11	6.03	0.75	6.33	124.48	0.32	42.22
0.989	23.11	6.03	0.78	6.32	123.86	0.32	42.22
1.003	23.11	6.03	0.78	6.32	129.32	0.32	42.22
1.017	23.11	6.03	0.78	6.32	124.13	0.32	42.22
1.029	23.11	6.03	0.78	6.33	118.47	0.32	42.22
1.036	23.11	6.03	0.78	6.33	128.05	0.32	42.22
1.05	23.11	6.03	0.78	6.33	121.73	0.32	42.22
1.06	23.1	6.03	0.78	6.33	123.45	0.32	42.22
1.07	23.1	6.03	0.78	6.32	120.7	0.32	42.22
1.083	23.1	6.03	0.78	6.31	118.16	0.32	42.22
1.096	23.1	6.03	0.78	6.3	124.78	0.33	42.22
1.107	23.09	6.03	0.78	6.31	119.86	0.33	42.22
1.122	23.09	6.03	0.78	6.31	120.3	0.33	42.22
1.135	23.09	6.03	0.78	6.3	119.46	0.33	42.22
1.144	23.09	6.03	0.78	6.29	118.03	0.34	42.22
1.16	23.09	6.03	0.78	6.3	116.54	0.34	42.22

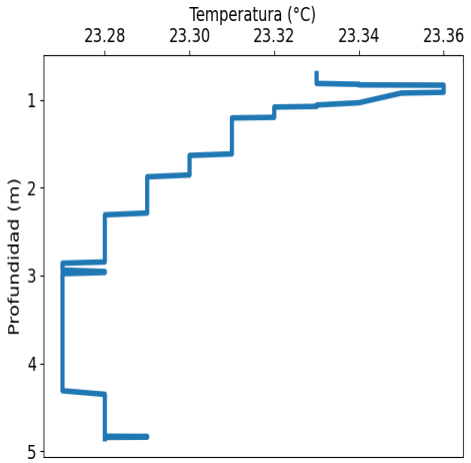
1.18	23.09	6.03	0.78	6.32	117.06	0.34	42.22
1.19	23.09	6.03	0.78	6.34	114.95	0.34	42.22
1.191	23.09	6.03	0.8	6.34	115.98	0.34	42.22
1.196	23.09	6.03	0.8	6.33	113.65	0.34	42.22
1.205	23.09	6.03	0.8	6.32	114.25	0.34	42.22
1.213	23.09	6.03	0.8	6.31	110.36	0.34	42.22
1.228	23.09	6.03	0.8	6.31	111.09	0.34	42.22
1.241	23.09	6.03	0.8	6.31	114.22	0.37	42.22
1.246	23.09	6.03	0.8	6.32	111.36	0.37	42.22
1.253	23.09	6.03	0.8	6.32	111.16	0.37	42.22
1.265	23.09	6.03	0.8	6.34	114.27	0.37	42.22
1.278	23.09	6.03	0.8	6.35	111.28	0.37	42.22
1.291	23.09	6.03	0.8	6.36	107.5	0.37	42.22
1.305	23.08	6.03	0.8	6.36	113.97	0.37	42.22
1.318	23.08	6.03	0.8	6.36	114.35	0.37	42.22
1.328	23.08	6.03	0.8	6.35	111.48	0.37	42.22
1.336	23.08	6.03	0.83	6.34	114.4	0.35	42.22
1.344	23.08	6.03	0.83	6.34	112.83	0.35	42.22
1.357	23.08	6.03	0.83	6.34	111.31	0.35	42.22
1.377	23.08	6.03	0.83	6.33	113.75	0.35	42.22
1.394	23.08	6.03	0.83	6.34	111.38	0.35	42.22
1.401	23.08	6.03	0.83	6.34	116.85	0.35	42.22
1.404	23.08	6.03	0.83	6.35	113.25	0.35	42.22
1.411	23.08	6.03	0.83	6.34	113.25	0.35	42.22
1.424	23.08	6.03	0.83	6.33	115.28	0.37	42.22
1.44	23.08	6.03	0.83	6.32	117.7	0.37	42.22
1.457	23.07	6.03	0.83	6.3	117.26	0.37	42.22
1.473	23.07	6.03	0.83	6.3	115.07	0.37	42.22
1.486	23.07	6.03	0.83	6.29	118.16	0.37	42.22
1.501	23.07	6.03	0.83	6.29	117.88	0.37	42.22
1.527	23.07	6.03	0.83	6.29	117.54	0.37	42.22
1.554	23.06	6.03	0.83	6.31	120.94	0.37	42.22
1.568	23.06	6.03	0.83	6.33	119.25	0.37	42.22
1.58	23.06	6.03	0.85	6.35	118.89	0.37	42.22
1.599	23.05	6.03	0.85	6.36	120.96	0.37	42.22
1.619	23.05	6.03	0.85	6.37	121.18	0.37	42.22
1.638	23.05	6.03	0.85	6.37	120.15	0.37	42.22
1.657	23.04	6.03	0.85	6.38	120.3	0.37	42.22
1.678	23.04	6.03	0.85	6.37	121.63	0.35	42.22
1.698	23.04	6.02	0.85	6.37	123.32	0.35	42.22
1.715	23.03	6.03	0.85	6.35	120.59	0.35	42.23
1.729	23.03	6.03	0.85	6.35	120.65	0.35	42.23
1.747	23.03	6.03	0.85	6.35	122.46	0.35	42.23
1.769	23.03	6.03	0.85	6.35	123.78	0.35	42.23
1.78	23.03	6.02	0.85	6.37	124.67	0.35	42.22
1.787	23.03	6.02	0.85	6.37	122.46	0.35	42.22
1.795	23.03	6.02	0.85	6.39	121.92	0.35	42.22
1.816	23.02	6.02	0.85	6.4	123.51	0.35	42.21
1.848	23.02	6.02	0.85	6.4	123.32	0.35	42.21
1.883	23.01	6.02	0.85	6.38	122.62	0.35	42.21
1.913	23.0	6.02	0.85	6.38	122.35	0.35	42.21
1.937	23.0	6.02	0.88	6.39	122.08	0.35	42.22
1.966	22.99	6.02	0.88	6.39	121.73	0.35	42.22
1.995	22.99	6.02	0.88	6.39	119.54	0.35	42.22
2.029	22.98	6.02	0.88	6.4	120.51	0.35	42.22
2.069	22.98	6.02	0.85	6.4	120.46	0.34	42.22
2.091	22.98	6.02	0.85	6.41	121.65	0.34	42.22
2.1	22.97	6.02	0.85	6.42	119.1	0.34	42.22

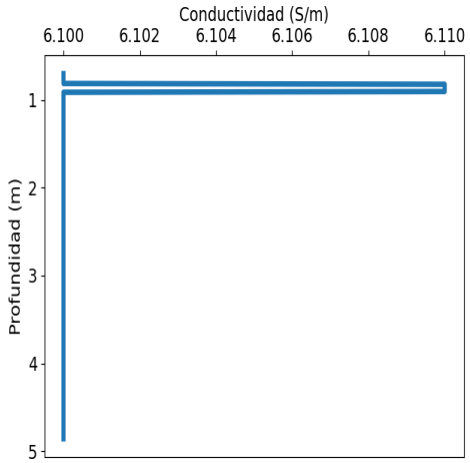
2.115	22.97	6.02	0.85	6.42	117.54	0.34	42.22
2.132	22.97	6.02	0.85	6.42	117.7	0.34	42.22
2.155	22.97	6.02	0.83	6.41	119.49	0.35	42.22
2.186	22.97	6.02	0.83	6.4	117.21	0.35	42.22
2.224	22.97	6.02	0.83	6.4	116.52	0.35	42.22
2.257	22.96	6.02	0.83	6.39	115.88	0.35	42.22
2.281	22.96	6.02	0.83	6.39	116.57	0.37	42.22
2.304	22.96	6.02	0.83	6.38	116.16	0.37	42.23
2.322	22.96	6.02	0.83	6.38	116.85	0.37	42.22
2.347	22.96	6.02	0.83	6.36	116.19	0.37	42.22
2.376	22.96	6.02	0.83	6.37	115.73	0.37	42.22
2.406	22.96	6.02	0.83	6.38	114.62	0.37	42.22
2.444	22.96	6.01	0.83	6.39	116.26	0.37	42.22
2.492	22.95	6.01	0.83	6.37	114.47	0.37	42.22
2.527	22.95	6.01	0.83	6.37	113.47	0.37	42.22
2.548	22.95	6.01	0.78	6.37	113.62	0.34	42.22
2.561	22.94	6.01	0.78	6.37	112.51	0.34	42.22
2.583	22.94	6.01	0.78	6.37	112.34	0.34	42.22
2.614	22.94	6.01	0.78	6.35	112.31	0.34	42.22
2.639	22.94	6.01	0.78	6.34	111.6	0.34	42.22
2.672	22.94	6.01	0.78	6.34	110.43	0.34	42.22
2.718	22.93	6.01	0.78	6.35	110.1	0.34	42.2
2.763	22.92	6.01	0.78	6.35	111.33	0.34	42.2
2.791	22.91	6.01	0.78	6.35	111.16	0.34	42.21
2.803	22.9	6.01	0.8	6.36	109.5	0.34	42.22
2.818	22.9	6.01	0.8	6.37	109.66	0.34	42.22
2.836	22.9	6.01	0.8	6.39	109.21	0.34	42.22
2.853	22.9	6.01	0.8	6.37	109.74	0.34	42.22
2.876	22.9	6.01	0.8	6.33	109.66	0.34	42.22
2.908	22.9	6.01	0.8	6.3	109.59	0.34	42.22
2.929	22.9	6.01	0.8	6.28	108.47	0.34	42.22
2.932	22.88	6.01	0.83	6.23	107.69	0.34	42.22
2.933	22.88	6.01	0.83	6.25	107.15	0.34	42.22
2.934	22.88	6.01	0.83	6.27	106.61	0.34	42.22
2.935	22.88	6.01	0.78	6.28	106.94	0.33	42.22
2.94	22.88	6.01	0.78	6.3	108.45	0.33	42.22
2.941	22.88	6.01	0.78	6.31	108.54	0.33	42.22
2.943	22.88	6.01	0.78	6.31	107.36	0.33	42.22
2.955	22.88	6.01	0.78	6.3	107.34	0.34	42.23
2.972	22.88	6.01	0.78	6.3	108.02	0.34	42.23
2.992	22.88	6.01	0.78	6.29	108.56	0.34	42.22
3.008	22.88	6.01	0.78	6.28	108.97	0.34	42.22
3.023	22.88	6.01	0.78	6.29	108.73	0.34	42.22
3.043	22.88	6.01	0.78	6.28	108.85	0.34	42.22
3.067	22.88	6.01	0.78	6.28	108.56	0.34	42.22
3.086	22.87	6.01	0.78	6.26	108.9	0.34	42.22
3.103	22.87	6.01	0.78	6.25	109.69	0.34	42.22
3.127	22.87	6.01	0.78	6.24	109.83	0.34	42.23
3.153	22.87	6.01	0.78	6.24	109.88	0.34	42.23
3.174	22.86	6.01	0.78	6.23	109.76	0.34	42.23
3.204	22.86	6.0	0.78	6.22	110.41	0.34	42.23
3.24	22.86	6.01	0.8	6.22	111.06	0.34	42.24
3.267	22.86	6.01	0.8	6.22	110.82	0.34	42.24
3.278	22.85	6.01	0.8	6.22	110.97	0.34	42.24
3.28	22.85	6.01	0.8	6.21	111.19	0.34	42.25
3.282	22.85	6.01	0.8	6.19	110.97	0.34	42.25
3.289	22.85	6.01	0.85	6.16	110.8	0.33	42.25
3.308	22.85	6.01	0.85	6.15	111.75	0.33	42.25

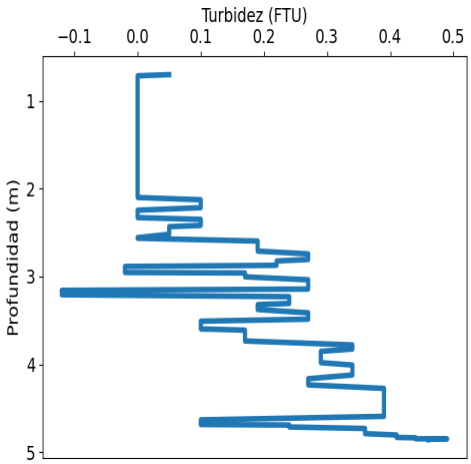
3.331	22.85	6.01	0.85	6.14	111.75	0.33	42.25
3.35	22.85	6.01	0.85	6.12	112.61	0.33	42.25
3.375	22.85	6.01	0.9	6.1	112.71	0.34	42.25
3.396	22.85	6.01	0.9	6.07	112.61	0.34	42.25
3.413	22.85	6.01	0.9	6.06	113.2	0.34	42.25
3.431	22.85	6.01	0.9	6.06	113.4	0.34	42.25
3.445	22.85	6.01	0.9	6.05	114.22	0.34	42.26
3.459	22.85	6.01	0.92	6.04	113.87	0.34	42.26
3.475	22.85	6.01	0.92	6.04	113.75	0.34	42.26
3.494	22.85	6.01	0.92	6.04	114.75	0.34	42.26
3.504	22.85	6.01	0.92	6.06	114.55	0.34	42.26
3.507	22.85	6.01	0.9	6.06	114.35	0.34	42.26
3.514	22.84	6.01	0.9	6.06	114.82	0.34	42.26
3.522	22.84	6.01	0.9	6.06	114.45	0.34	42.26
3.535	22.84	6.01	0.9	6.06	114.97	0.34	42.26
3.556	22.84	6.01	1.0	6.05	115.73	0.34	42.26
3.577	22.84	6.0	1.0	6.05	115.98	0.34	42.24
3.596	22.83	6.0	1.0	6.04	115.76	0.34	42.24
3.617	22.82	6.0	1.0	6.03	116.39	0.34	42.25
3.642	22.81	6.0	1.0	6.02	116.83	0.34	42.26
3.659	22.81	6.0	1.0	6.01	116.72	0.35	42.23
3.672	22.79	6.0	1.0	6.0	116.75	0.35	42.22
3.688	22.77	6.0	1.0	5.98	116.72	0.35	42.24
3.703	22.76	5.99	1.0	5.95	117.03	0.35	42.24
3.711	22.75	5.99	1.04	5.93	117.39	0.38	42.22
3.724	22.72	5.99	1.04	5.9	117.93	0.38	42.23
3.744	22.71	5.99	1.04	5.87	118.42	0.38	42.25
3.761	22.7	5.99	1.04	5.83	119.33	0.38	42.24
3.768	22.68	5.98	1.04	5.79	119.02	0.38	42.22
3.77	22.66	5.98	1.24	5.75	118.73	0.39	42.23
3.771	22.62	5.98	1.24	5.67	118.68	0.39	42.25
3.772	22.59	5.98	1.22	5.58	119.15	0.38	42.3
3.773	22.6	5.98	1.14	5.57	119.25	0.39	42.3
3.776	22.61	5.98	1.14	5.56	119.25	0.39	42.3
3.777	22.63	5.98	1.14	5.55	119.91	0.39	42.29
3.78	22.64	5.98	1.14	5.55	120.43	0.39	42.28
3.783	22.64	5.99	1.14	5.56	120.99	0.39	42.29
3.787	22.65	5.99	1.19	5.57	120.91	0.39	42.28
3.79	22.65	5.98	1.19	5.58	120.46	0.39	42.27
3.792	22.65	5.98	1.19	5.63	121.1	0.39	42.27
3.793	22.65	5.98	1.22	5.65	124.1	0.39	42.27
3.794	22.65	5.98	1.14	5.65	125.03	0.4	42.27

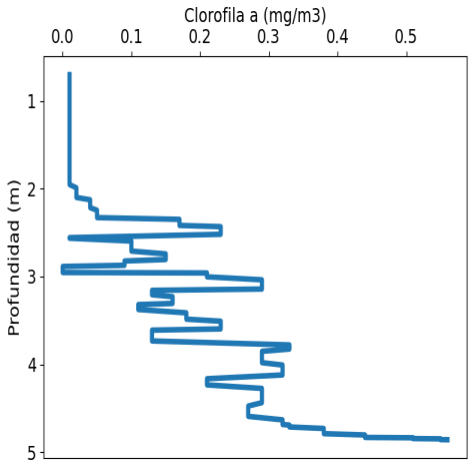
Nombre: CTD E10 - Punto 010 **Fecha: 04/05/2023** **Hora: 09:05:54**

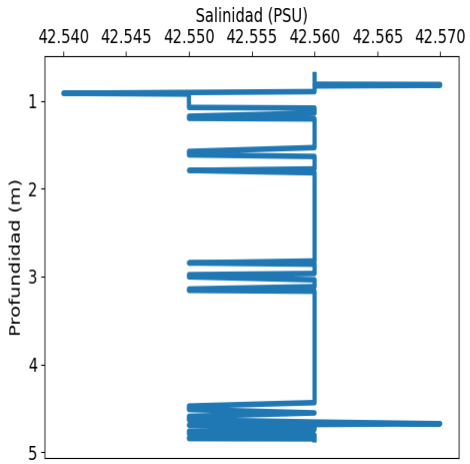


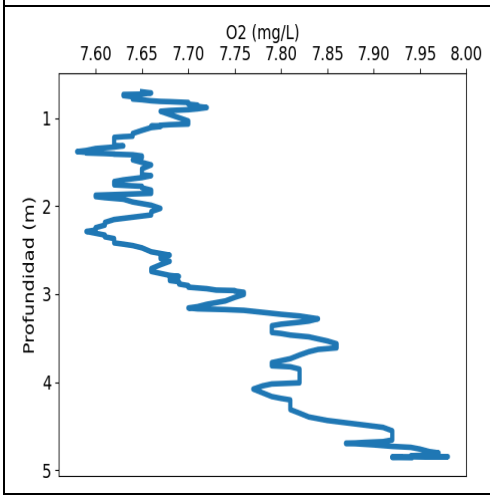


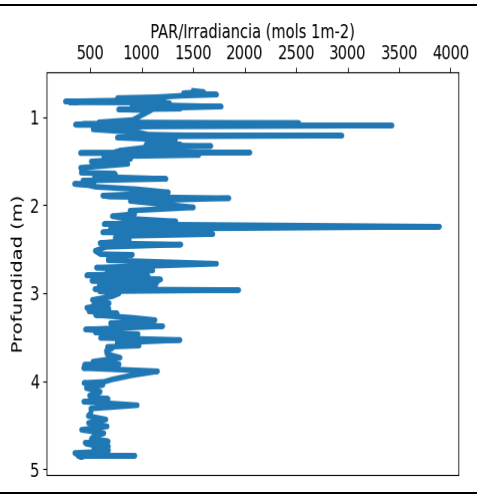












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.27	6.1	-0.12	7.58	254.13	0.0	42.54
PROF (metros)	2.859	0.702	3.157	1.381	0.823	2.885	0.914
MÁXIMO	23.36	23.36	0.49	7.98	3895.4	0.56	42.57
PROF (metros)	0.833	0.823	4.847	4.846	2.245	4.857	0.814

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.33	6.1	0.05	7.65	1500.4	0.01	42.56
2 - 3m	23.28	6.1	0.16	7.66	874.26	0.14	42.56
3 - 4m	23.27	6.1	0.23	7.81	762.32	0.21	42.56
4 - 5m	23.28	6.1	0.35	7.89	544.46	0.38	42.56

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	23.33	6.1	0.05	7.65	1500.4	0.01	42.56
0.715	23.33	6.1	0.0	7.66	1601.6	0.01	42.56
0.728	23.33	6.1	0.0	7.65	1403.5	0.01	42.56
0.732	23.33	6.1	0.0	7.63	1487.3	0.01	42.56
0.736	23.33	6.1	0.0	7.63	1591.4	0.01	42.56
0.745	23.33	6.1	0.0	7.63	1729.1	0.01	42.56
0.758	23.33	6.1	0.0	7.64	1381.2	0.01	42.56
0.774	23.33	6.1	0.0	7.64	1143.5	0.01	42.56
0.784	23.33	6.1	0.0	7.64	762.0	0.01	42.56
0.792	23.33	6.1	0.0	7.65	1216.8	0.01	42.56
0.804	23.33	6.1	0.0	7.66	889.94	0.01	42.56
0.811	23.33	6.1	0.0	7.67	1087.6	0.01	42.56
0.814	23.33	6.1	0.0	7.68	660.2	0.01	42.57
0.823	23.34	6.11	0.0	7.7	254.13	0.01	42.57
0.83	23.34	6.11	0.0	7.7	371.71	0.01	42.56
0.833	23.36	6.11	0.0	7.7	296.28	0.01	42.56
0.836	23.36	6.11	0.0	7.7	1227.8	0.01	42.56
0.842	23.36	6.11	0.0	7.7	1271.8	0.01	42.56
0.853	23.36	6.11	0.0	7.71	896.98	0.01	42.56
0.867	23.36	6.11	0.0	7.71	1232.6	0.01	42.56
0.881	23.36	6.11	0.0	7.72	1773.6	0.01	42.56
0.895	23.36	6.11	0.0	7.71	1302.3	0.01	42.56
0.905	23.36	6.11	0.0	7.7	1375.2	0.01	42.55
0.914	23.36	6.1	0.0	7.68	771.23	0.01	42.54
0.923	23.35	6.1	0.0	7.67	1089.2	0.01	42.55
1.033	23.34	6.1	0.0	7.7	910.83	0.01	42.55
1.059	23.33	6.1	0.0	7.7	581.35	0.01	42.55
1.068	23.33	6.1	0.0	7.7	2528.5	0.01	42.55
1.075	23.33	6.1	0.0	7.68	437.27	0.01	42.55
1.082	23.32	6.1	0.0	7.67	406.17	0.01	42.56
1.086	23.32	6.1	0.0	7.67	351.53	0.01	42.56
1.09	23.32	6.1	0.0	7.66	379.52	0.01	42.56
1.096	23.32	6.1	0.0	7.67	3434.6	0.01	42.56
1.108	23.32	6.1	0.0	7.66	1010.2	0.01	42.56
1.14	23.32	6.1	0.0	7.65	523.82	0.01	42.56
1.175	23.32	6.1	0.0	7.64	968.62	0.01	42.55
1.199	23.32	6.1	0.0	7.64	1060.7	0.01	42.55
1.206	23.31	6.1	0.0	7.64	1379.4	0.01	42.56

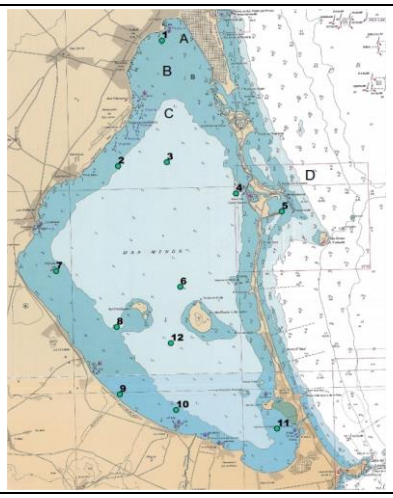
1.211	23.31	6.1	0.0	7.63	2947.3	0.01	42.56
1.219	23.31	6.1	0.0	7.62	1250.0	0.01	42.56
1.234	23.31	6.1	0.0	7.62	758.83	0.01	42.56
1.262	23.31	6.1	0.0	7.62	1328.2	0.01	42.56
1.289	23.31	6.1	0.0	7.62	1048.5	0.01	42.56
1.305	23.31	6.1	0.0	7.62	1139.2	0.01	42.56
1.311	23.31	6.1	0.0	7.62	1375.8	0.01	42.56
1.316	23.31	6.1	0.0	7.63	1038.2	0.01	42.56
1.329	23.31	6.1	0.0	7.62	1673.2	0.01	42.56
1.346	23.31	6.1	0.0	7.6	1035.7	0.01	42.56
1.368	23.31	6.1	0.0	7.59	870.67	0.01	42.56
1.381	23.31	6.1	0.0	7.58	782.28	0.01	42.56
1.389	23.31	6.1	0.0	7.59	1028.5	0.01	42.56
1.396	23.31	6.1	0.0	7.59	743.54	0.01	42.56
1.403	23.31	6.1	0.0	7.61	2052.9	0.01	42.56
1.408	23.31	6.1	0.0	7.62	400.69	0.01	42.56
1.41	23.31	6.1	0.0	7.62	1256.9	0.01	42.56
1.417	23.31	6.1	0.0	7.64	1369.5	0.01	42.56
1.431	23.31	6.1	0.0	7.65	1555.6	0.01	42.56
1.448	23.31	6.1	0.0	7.65	628.61	0.01	42.56
1.475	23.31	6.1	0.0	7.64	892.67	0.01	42.56
1.504	23.31	6.1	0.0	7.65	505.57	0.01	42.56
1.532	23.31	6.1	0.0	7.66	866.11	0.01	42.56
1.576	23.31	6.1	0.0	7.65	402.01	0.01	42.55
1.615	23.31	6.1	0.0	7.65	419.27	0.01	42.55
1.633	23.3	6.1	0.0	7.65	407.95	0.01	42.56
1.64	23.3	6.1	0.0	7.65	737.7	0.01	42.56
1.644	23.3	6.1	0.0	7.65	583.26	0.01	42.56
1.654	23.3	6.1	0.0	7.66	745.99	0.01	42.56
1.676	23.3	6.1	0.0	7.65	537.18	0.01	42.56
1.702	23.3	6.1	0.0	7.63	1237.2	0.01	42.56
1.721	23.3	6.1	0.0	7.62	424.53	0.01	42.56
1.734	23.3	6.1	0.0	7.62	466.34	0.01	42.56
1.752	23.3	6.1	0.0	7.62	536.47	0.01	42.56
1.759	23.3	6.1	0.0	7.62	343.01	0.01	42.56
1.764	23.3	6.1	0.0	7.63	364.93	0.01	42.56
1.775	23.3	6.1	0.0	7.65	484.23	0.01	42.56
1.792	23.3	6.1	0.0	7.65	547.27	0.01	42.55
1.819	23.3	6.1	0.0	7.66	944.13	0.01	42.56
1.855	23.3	6.1	0.0	7.66	1259.4	0.01	42.56
1.876	23.29	6.1	0.0	7.6	954.94	0.01	42.56
1.884	23.29	6.1	0.0	7.6	770.55	0.01	42.56
1.892	23.29	6.1	0.0	7.6	617.29	0.01	42.56
1.904	23.29	6.1	0.0	7.61	687.94	0.01	42.56
1.922	23.29	6.1	0.0	7.63	1848.5	0.01	42.56
1.953	23.29	6.1	0.0	7.64	884.7	0.01	42.56
1.99	23.29	6.1	0.0	7.66	1204.4	0.02	42.56
2.026	23.29	6.1	0.0	7.67	1503.4	0.02	42.56
2.063	23.29	6.1	0.0	7.66	882.37	0.02	42.56
2.1	23.29	6.1	0.0	7.66	932.83	0.02	42.56
2.126	23.29	6.1	0.1	7.64	710.6	0.04	42.56
2.152	23.29	6.1	0.1	7.62	850.51	0.04	42.56
2.185	23.29	6.1	0.1	7.61	1332.5	0.04	42.56
2.216	23.29	6.1	0.1	7.61	630.54	0.04	42.56
2.245	23.29	6.1	0.0	7.6	3895.4	0.05	42.56
2.272	23.29	6.1	0.0	7.6	690.81	0.05	42.56
2.288	23.29	6.1	0.0	7.59	1007.6	0.05	42.56
2.309	23.28	6.1	0.0	7.6	616.89	0.05	42.56

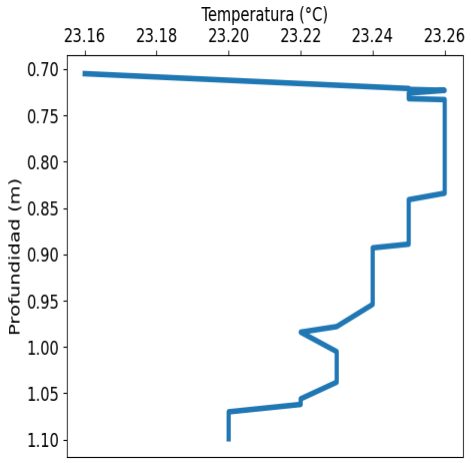
2.329	23.28	6.1	0.0	7.61	1692.4	0.05	42.56
2.349	23.28	6.1	0.1	7.61	878.14	0.17	42.56
2.369	23.28	6.1	0.1	7.62	738.03	0.17	42.56
2.394	23.28	6.1	0.1	7.62	880.06	0.17	42.56
2.418	23.28	6.1	0.1	7.62	725.21	0.17	42.56
2.432	23.28	6.1	0.05	7.63	590.85	0.23	42.56
2.448	23.28	6.1	0.05	7.64	1381.2	0.23	42.56
2.474	23.28	6.1	0.05	7.65	655.31	0.23	42.56
2.519	23.28	6.1	0.05	7.66	544.28	0.23	42.56
2.557	23.28	6.1	0.0	7.68	594.74	0.01	42.56
2.564	23.28	6.1	0.0	7.67	909.84	0.01	42.56
2.596	23.28	6.1	0.19	7.67	674.08	0.1	42.56
2.627	23.28	6.1	0.19	7.68	670.25	0.1	42.56
2.666	23.28	6.1	0.19	7.67	1728.3	0.1	42.56
2.71	23.28	6.1	0.19	7.66	556.2	0.1	42.56
2.742	23.28	6.1	0.27	7.66	1108.7	0.15	42.56
2.765	23.28	6.1	0.27	7.67	660.64	0.15	42.56
2.787	23.28	6.1	0.27	7.68	667.47	0.15	42.56
2.799	23.28	6.1	0.27	7.69	461.16	0.15	42.56
2.806	23.28	6.1	0.27	7.68	1063.1	0.15	42.56
2.823	23.28	6.1	0.22	7.68	552.56	0.09	42.56
2.845	23.28	6.1	0.22	7.68	1185.0	0.09	42.55
2.859	23.27	6.1	0.22	7.69	512.03	0.09	42.56
2.872	23.27	6.1	0.22	7.69	1152.8	0.09	42.56
2.885	23.27	6.1	-0.02	7.69	1048.7	0.0	42.56
2.903	23.27	6.1	-0.02	7.7	1138.5	0.0	42.56
2.921	23.27	6.1	-0.02	7.7	580.46	0.0	42.56
2.938	23.27	6.1	-0.02	7.72	816.75	0.0	42.56
2.954	23.28	6.1	-0.02	7.73	540.83	0.0	42.56
2.959	23.28	6.1	0.17	7.75	1039.1	0.21	42.56
2.965	23.28	6.1	0.17	7.75	1943.9	0.21	42.56
2.979	23.27	6.1	0.17	7.76	586.72	0.21	42.55
3.003	23.27	6.1	0.17	7.76	779.88	0.21	42.55
3.037	23.27	6.1	0.27	7.75	709.2	0.29	42.56
3.077	23.27	6.1	0.27	7.74	515.97	0.29	42.56
3.115	23.27	6.1	0.27	7.72	684.64	0.29	42.56
3.142	23.27	6.1	0.27	7.71	523.13	0.29	42.55
3.157	23.27	6.1	-0.12	7.7	523.02	0.13	42.55
3.167	23.27	6.1	-0.12	7.71	461.87	0.13	42.56
3.175	23.27	6.1	-0.12	7.74	681.65	0.13	42.56
3.184	23.27	6.1	-0.12	7.76	498.54	0.13	42.56
3.207	23.27	6.1	-0.12	7.78	483.49	0.13	42.56
3.229	23.27	6.1	0.24	7.8	761.0	0.16	42.56
3.248	23.27	6.1	0.24	7.82	547.63	0.16	42.56
3.28	23.27	6.1	0.24	7.84	912.23	0.16	42.56
3.306	23.27	6.1	0.24	7.83	1130.3	0.16	42.56
3.319	23.27	6.1	0.19	7.82	1047.6	0.11	42.56
3.341	23.27	6.1	0.19	7.8	693.08	0.11	42.56
3.359	23.27	6.1	0.19	7.79	872.39	0.11	42.56
3.375	23.27	6.1	0.19	7.79	1205.4	0.11	42.56
3.413	23.27	6.1	0.27	7.79	449.2	0.18	42.56
3.435	23.27	6.1	0.27	7.79	739.32	0.18	42.56
3.447	23.27	6.1	0.27	7.8	546.67	0.18	42.56
3.465	23.27	6.1	0.27	7.81	965.66	0.18	42.56
3.485	23.27	6.1	0.27	7.83	720.47	0.18	42.56
3.508	23.27	6.1	0.1	7.84	595.52	0.23	42.56
3.532	23.27	6.1	0.1	7.85	1373.1	0.23	42.56
3.564	23.27	6.1	0.1	7.86	757.34	0.23	42.56

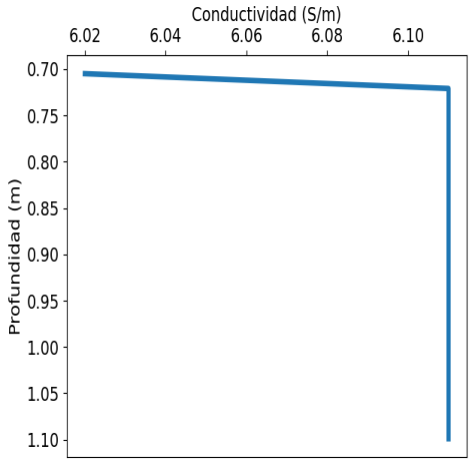
3.596	23.27	6.1	0.1	7.86	974.79	0.23	42.56
3.61	23.27	6.1	0.17	7.86	663.54	0.13	42.56
3.628	23.27	6.1	0.17	7.84	712.47	0.13	42.56
3.654	23.27	6.1	0.17	7.83	652.3	0.13	42.56
3.691	23.27	6.1	0.17	7.82	658.33	0.13	42.56
3.733	23.27	6.1	0.17	7.81	790.89	0.13	42.56
3.778	23.27	6.1	0.34	7.79	522.1	0.33	42.56
3.807	23.27	6.1	0.34	7.79	781.08	0.33	42.56
3.814	23.27	6.1	0.34	7.79	439.57	0.33	42.56
3.825	23.27	6.1	0.34	7.81	759.5	0.33	42.56
3.851	23.27	6.1	0.29	7.82	431.47	0.29	42.56
3.887	23.27	6.1	0.29	7.82	1154.3	0.29	42.56
3.934	23.27	6.1	0.29	7.82	899.34	0.29	42.56
3.98	23.27	6.1	0.29	7.82	711.84	0.29	42.56
4.007	23.27	6.1	0.34	7.82	633.86	0.32	42.56
4.02	23.27	6.1	0.34	7.79	434.59	0.32	42.56
4.042	23.27	6.1	0.34	7.78	623.95	0.32	42.56
4.078	23.27	6.1	0.34	7.77	457.44	0.32	42.56
4.12	23.27	6.1	0.34	7.78	597.35	0.32	42.56
4.163	23.27	6.1	0.27	7.79	488.92	0.21	42.56
4.184	23.27	6.1	0.27	7.8	545.83	0.21	42.56
4.201	23.27	6.1	0.27	7.81	673.78	0.21	42.56
4.233	23.27	6.1	0.27	7.81	432.79	0.21	42.56
4.273	23.27	6.1	0.39	7.81	957.03	0.29	42.56
4.311	23.27	6.1	0.39	7.81	501.38	0.29	42.56
4.352	23.28	6.1	0.39	7.82	508.01	0.29	42.56
4.395	23.28	6.1	0.39	7.83	476.14	0.29	42.56
4.435	23.28	6.1	0.39	7.85	653.02	0.29	42.56
4.474	23.28	6.1	0.39	7.88	478.64	0.27	42.55
4.513	23.28	6.1	0.39	7.91	664.7	0.27	42.55
4.552	23.28	6.1	0.39	7.92	411.09	0.27	42.56
4.591	23.28	6.1	0.39	7.92	633.03	0.27	42.55
4.631	23.28	6.1	0.1	7.92	527.27	0.32	42.55
4.656	23.28	6.1	0.1	7.92	505.79	0.32	42.56
4.675	23.28	6.1	0.1	7.91	640.14	0.32	42.57
4.684	23.28	6.1	0.1	7.89	675.26	0.32	42.56
4.69	23.28	6.1	0.24	7.88	564.05	0.33	42.55
4.692	23.28	6.1	0.24	7.87	601.68	0.33	42.55
4.697	23.28	6.1	0.24	7.87	479.06	0.33	42.56
4.699	23.28	6.1	0.24	7.88	445.58	0.33	42.56
4.712	23.28	6.1	0.24	7.9	460.96	0.33	42.56
4.729	23.28	6.1	0.36	7.92	542.49	0.38	42.56
4.74	23.28	6.1	0.36	7.94	676.89	0.38	42.56
4.76	23.28	6.1	0.36	7.95	530.86	0.38	42.55
4.788	23.28	6.1	0.36	7.96	678.37	0.38	42.55
4.803	23.28	6.1	0.41	7.97	552.56	0.44	42.56
4.815	23.28	6.1	0.41	7.96	345.42	0.44	42.56
4.824	23.28	6.1	0.41	7.97	355.08	0.44	42.56
4.829	23.28	6.1	0.41	7.96	605.25	0.44	42.56
4.831	23.29	6.1	0.41	7.95	474.16	0.44	42.56
4.835	23.29	6.1	0.44	7.94	604.06	0.51	42.55
4.839	23.29	6.1	0.44	7.94	623.95	0.51	42.55
4.842	23.28	6.1	0.44	7.95	492.57	0.51	42.55
4.844	23.28	6.1	0.44	7.96	564.79	0.51	42.55
4.846	23.28	6.1	0.44	7.98	642.8	0.54	42.56
4.847	23.28	6.1	0.49	7.92	934.67	0.55	42.56
4.848	23.28	6.1	0.49	7.92	377.28	0.55	42.56
4.85	23.28	6.1	0.46	7.93	566.4	0.55	42.56

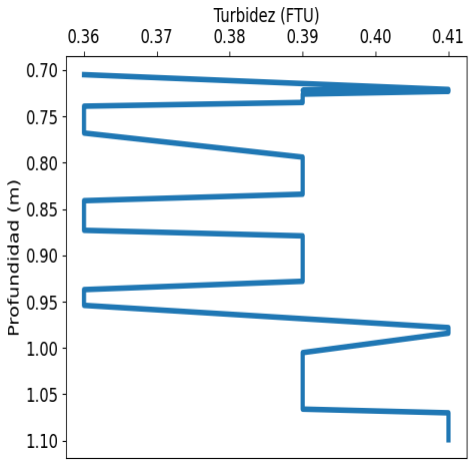
4.852	23.28	6.1	0.46	7.92	403.16	0.55	42.56
4.854	23.28	6.1	0.46	7.92	428.17	0.55	42.56
4.855	23.28	6.1	0.46	7.92	404.13	0.55	42.56
4.856	23.28	6.1	0.46	7.93	392.62	0.55	42.56
4.857	23.28	6.1	0.46	7.94	411.63	0.56	42.56

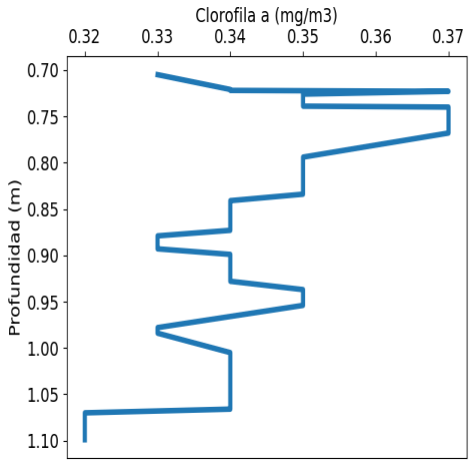
Nombre: CTD E09 - Punto 011 **Fecha: 04/05/2023** **Hora: 09:05:53**

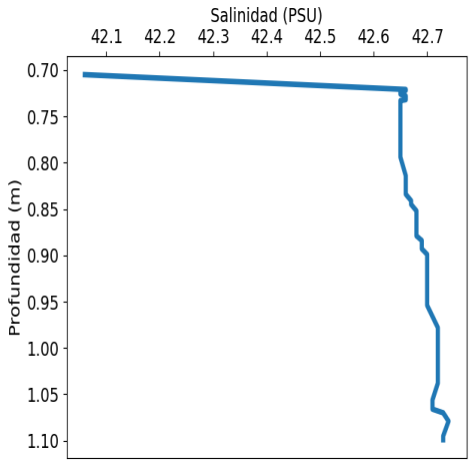


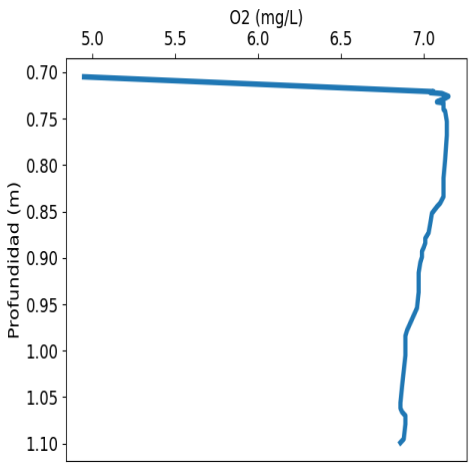


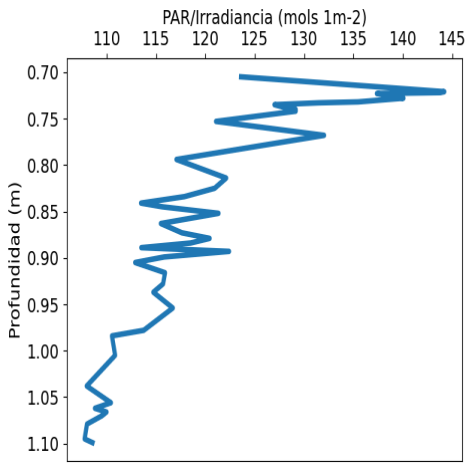












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.16	6.02	0.37	4.95	107.76	0.32	42.06
PROF (metros)	0.705	0.705	0.705	0.705	1.095	1.07	0.705
MÁXIMO	23.26	23.26	0.41	7.15	144.21	0.37	42.74
PROF (metros)	0.723	0.721	0.721	0.726	0.721	0.723	1.079

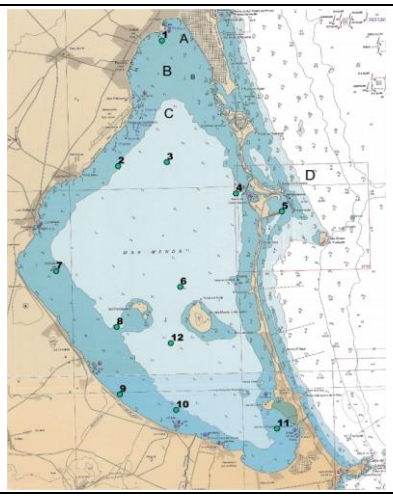
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.25	6.11	0.38	7.0	123.26	0.35	42.66
1 - 2m	23.21	6.11	0.4	6.87	109.1	0.33	42.72

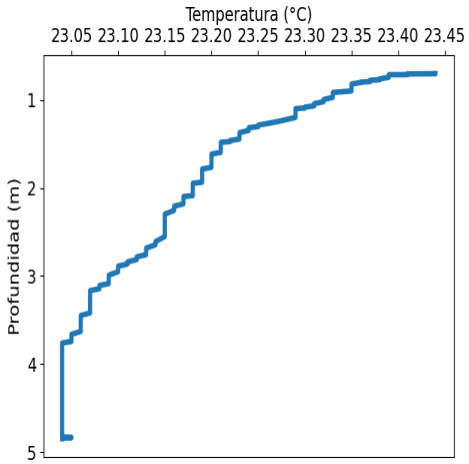
OBSERVACIONES GENERALES

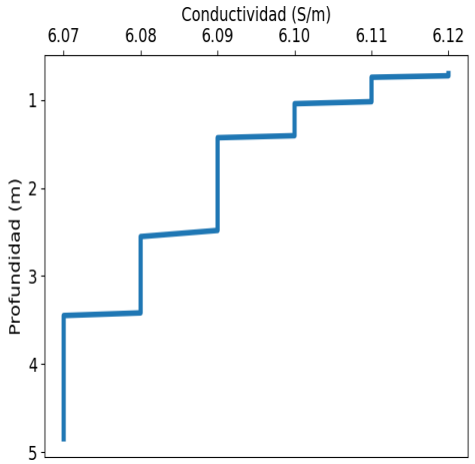
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	23.16	6.02	0.36	4.95	123.61	0.33	42.06
0.721	23.25	6.11	0.41	7.06	144.21	0.34	42.66
0.722	23.25	6.11	0.39	7.04	143.8	0.34	42.66
0.723	23.26	6.11	0.41	7.11	137.37	0.37	42.65
0.726	23.25	6.11	0.39	7.15	139.0	0.35	42.65
0.728	23.25	6.11	0.39	7.13	140.07	0.35	42.66
0.732	23.25	6.11	0.39	7.08	135.46	0.35	42.66
0.733	23.26	6.11	0.39	7.12	131.46	0.35	42.65
0.735	23.26	6.11	0.39	7.12	126.99	0.35	42.65
0.739	23.26	6.11	0.36	7.12	128.36	0.35	42.65
0.74	23.26	6.11	0.36	7.12	129.15	0.37	42.65
0.742	23.26	6.11	0.36	7.13	129.15	0.37	42.65
0.753	23.26	6.11	0.36	7.14	121.07	0.37	42.65
0.768	23.26	6.11	0.36	7.14	132.03	0.37	42.65
0.794	23.26	6.11	0.39	7.13	117.06	0.35	42.65
0.814	23.26	6.11	0.39	7.12	122.11	0.35	42.66
0.825	23.26	6.11	0.39	7.12	120.94	0.35	42.66
0.834	23.26	6.11	0.39	7.12	117.88	0.35	42.66
0.841	23.25	6.11	0.36	7.1	113.47	0.34	42.67
0.845	23.25	6.11	0.36	7.08	115.65	0.34	42.67
0.852	23.25	6.11	0.36	7.05	121.33	0.34	42.68
0.863	23.25	6.11	0.36	7.04	115.48	0.34	42.68
0.873	23.25	6.11	0.36	7.03	117.62	0.34	42.68
0.879	23.25	6.11	0.39	7.01	120.43	0.33	42.68
0.884	23.25	6.11	0.39	7.01	118.5	0.33	42.69
0.889	23.25	6.11	0.39	7.0	113.5	0.33	42.69
0.893	23.24	6.11	0.39	6.99	122.4	0.33	42.69
0.899	23.24	6.11	0.39	6.99	115.83	0.34	42.7
0.905	23.24	6.11	0.39	6.98	112.88	0.34	42.7
0.916	23.24	6.11	0.39	6.97	115.91	0.34	42.7
0.928	23.24	6.11	0.39	6.97	115.71	0.34	42.7
0.937	23.24	6.11	0.36	6.97	114.72	0.35	42.7
0.954	23.24	6.11	0.36	6.96	116.7	0.35	42.7
0.978	23.23	6.11	0.41	6.9	113.75	0.33	42.72
0.984	23.22	6.11	0.41	6.89	110.53	0.33	42.72
1.005	23.23	6.11	0.39	6.89	110.85	0.34	42.72
1.038	23.23	6.11	0.39	6.87	107.97	0.34	42.72
1.056	23.22	6.11	0.39	6.86	110.43	0.34	42.71
1.062	23.22	6.11	0.39	6.86	108.8	0.34	42.71
1.066	23.21	6.11	0.39	6.87	109.98	0.34	42.71

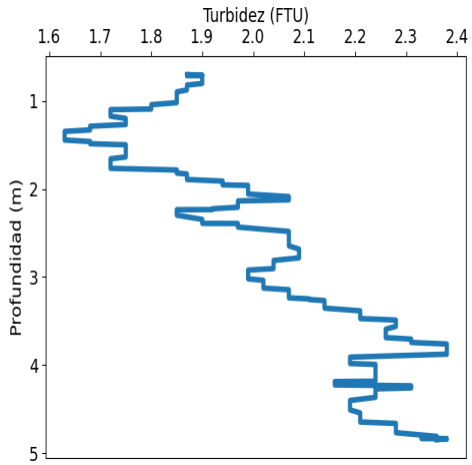
1.07	23.2	6.11	0.41	6.89	109.52	0.32	42.73
1.079	23.2	6.11	0.41	6.89	108.0	0.32	42.74
1.095	23.2	6.11	0.41	6.88	107.76	0.32	42.73
1.099	23.2	6.11	0.41	6.86	108.56	0.32	42.73

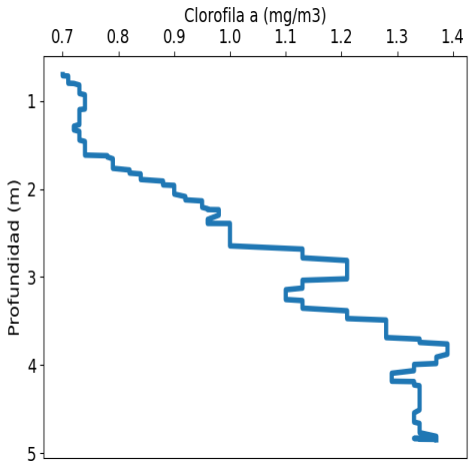
Nombre: CTD E08 - Punto 012 **Fecha: 04/05/2023** **Hora: 09:05:18**

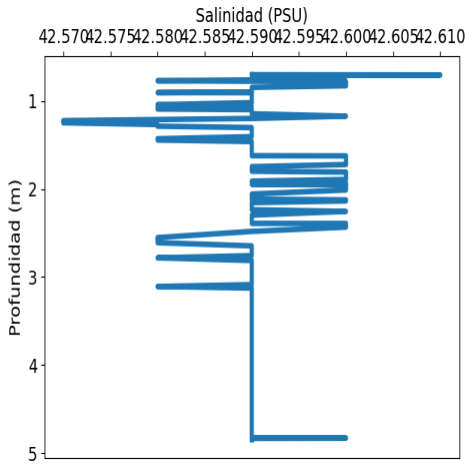


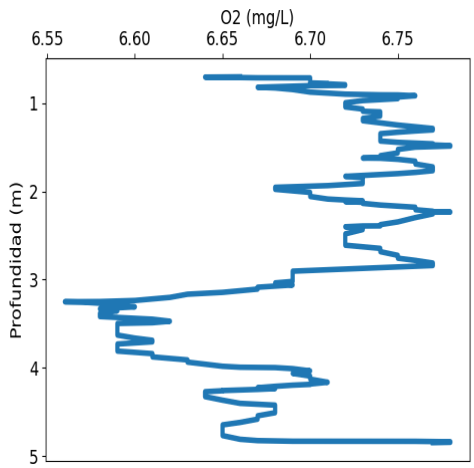


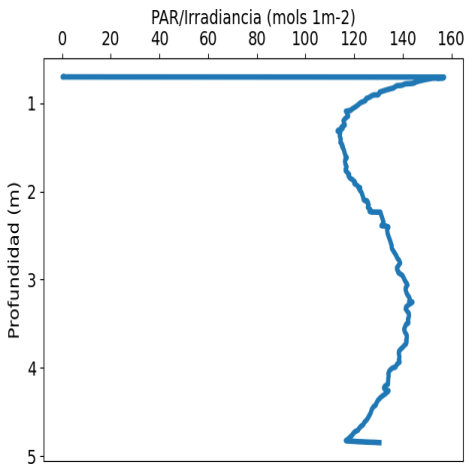












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.04	6.07	1.63	6.56	0.17	0.7	42.57
PROF (metros)	3.76	3.448	1.347	3.25	0.704	0.703	1.225
MÁXIMO	23.44	23.44	2.38	6.78	157.0	1.39	42.61
PROF (metros)	0.703	0.703	3.76	1.482	0.708	3.76	0.706

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.37	6.11	1.87	6.7	129.15	0.72	42.59
1 - 2m	23.23	6.09	1.77	6.74	117.12	0.78	42.59
2 - 3m	23.14	6.08	1.99	6.73	131.93	1.03	42.59
3 - 4m	23.06	6.07	2.2	6.61	140.94	1.24	42.59
4 - 5m	23.04	6.07	2.27	6.69	127.54	1.34	42.59

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	23.44	6.12	1.87	6.66	0.29	0.7	42.59
0.704	23.44	6.12	1.87	6.65	0.17	0.7	42.59
0.706	23.41	6.12	1.9	6.64	155.12	0.7	42.61
0.708	23.41	6.12	1.87	6.65	157.0	0.7	42.61
0.714	23.41	6.12	1.87	6.67	154.1	0.7	42.59
0.715	23.39	6.12	1.9	6.7	156.65	0.7	42.6
0.719	23.39	6.12	1.9	6.7	152.12	0.71	42.6
0.727	23.39	6.12	1.9	6.7	150.53	0.71	42.59
0.744	23.39	6.11	1.9	6.7	147.56	0.71	42.59
0.763	23.38	6.11	1.9	6.7	145.07	0.71	42.59
0.772	23.38	6.11	1.9	6.7	144.81	0.71	42.58
0.778	23.37	6.11	1.9	6.71	143.77	0.71	42.59
0.783	23.37	6.11	1.9	6.71	141.0	0.71	42.6
0.792	23.37	6.11	1.9	6.72	140.23	0.71	42.6
0.8	23.36	6.11	1.9	6.72	139.4	0.71	42.6
0.803	23.36	6.11	1.9	6.7	137.58	0.72	42.6
0.821	23.35	6.11	1.87	6.67	136.53	0.73	42.6
0.829	23.35	6.11	1.87	6.68	136.2	0.73	42.6
0.847	23.35	6.11	1.87	6.69	133.72	0.73	42.59
0.876	23.35	6.11	1.87	6.7	130.48	0.73	42.59
0.899	23.35	6.11	1.85	6.72	130.11	0.73	42.59
0.907	23.34	6.11	1.85	6.74	129.85	0.73	42.58
0.908	23.34	6.11	1.85	6.75	128.16	0.73	42.59
0.917	23.33	6.11	1.85	6.76	127.21	0.73	42.59
0.932	23.33	6.11	1.85	6.75	126.46	0.74	42.59
0.95	23.33	6.11	1.85	6.75	124.92	0.74	42.59
0.972	23.33	6.11	1.85	6.73	124.67	0.74	42.59
0.997	23.32	6.11	1.85	6.72	122.56	0.74	42.59
1.021	23.32	6.11	1.85	6.72	121.6	0.74	42.59
1.044	23.31	6.1	1.8	6.72	120.49	0.74	42.58
1.068	23.31	6.1	1.8	6.73	119.1	0.74	42.59
1.083	23.3	6.1	1.8	6.73	118.6	0.74	42.58
1.093	23.3	6.1	1.8	6.73	116.57	0.74	42.58
1.1	23.29	6.1	1.72	6.74	117.24	0.73	42.59
1.109	23.29	6.1	1.72	6.74	117.16	0.73	42.59
1.124	23.29	6.1	1.72	6.74	117.29	0.73	42.59
1.147	23.29	6.1	1.72	6.74	117.57	0.73	42.59

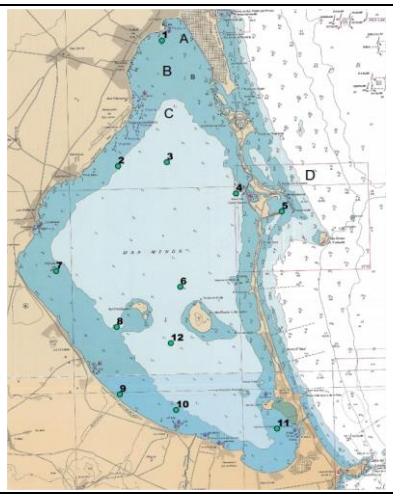
1.174	23.29	6.1	1.72	6.73	116.34	0.73	42.6
1.2	23.29	6.1	1.75	6.73	115.58	0.73	42.59
1.225	23.28	6.1	1.75	6.74	115.88	0.73	42.57
1.249	23.27	6.1	1.75	6.75	116.19	0.73	42.57
1.269	23.26	6.1	1.75	6.76	114.85	0.73	42.58
1.288	23.25	6.1	1.68	6.77	115.28	0.72	42.58
1.304	23.25	6.1	1.68	6.77	113.7	0.72	42.59
1.316	23.24	6.1	1.68	6.76	113.15	0.72	42.59
1.33	23.24	6.1	1.68	6.75	114.35	0.72	42.59
1.347	23.24	6.1	1.63	6.74	114.2	0.73	42.59
1.373	23.23	6.1	1.63	6.74	114.05	0.73	42.59
1.407	23.23	6.1	1.63	6.74	114.52	0.73	42.59
1.43	23.23	6.09	1.63	6.74	114.42	0.73	42.58
1.445	23.23	6.09	1.63	6.75	114.32	0.73	42.58
1.462	23.22	6.09	1.68	6.77	114.95	0.74	42.59
1.474	23.22	6.09	1.68	6.77	114.9	0.74	42.59
1.482	23.21	6.09	1.68	6.78	115.02	0.74	42.59
1.487	23.21	6.09	1.68	6.78	115.28	0.74	42.59
1.499	23.21	6.09	1.75	6.76	115.15	0.74	42.59
1.525	23.21	6.09	1.75	6.75	115.71	0.74	42.59
1.564	23.21	6.09	1.75	6.75	116.11	0.74	42.59
1.596	23.21	6.09	1.75	6.74	116.42	0.74	42.59
1.616	23.2	6.09	1.75	6.74	117.0	0.74	42.59
1.623	23.2	6.09	1.75	6.73	116.93	0.78	42.59
1.625	23.2	6.09	1.75	6.74	116.42	0.78	42.6
1.637	23.2	6.09	1.75	6.75	116.37	0.78	42.6
1.658	23.2	6.09	1.72	6.76	116.24	0.79	42.6
1.69	23.2	6.09	1.72	6.76	116.37	0.79	42.6
1.723	23.2	6.09	1.72	6.77	116.93	0.79	42.6
1.747	23.2	6.09	1.72	6.77	116.49	0.79	42.59
1.766	23.2	6.09	1.72	6.77	116.47	0.79	42.59
1.785	23.19	6.09	1.85	6.76	117.24	0.82	42.59
1.799	23.19	6.09	1.85	6.75	117.57	0.82	42.59
1.809	23.19	6.09	1.85	6.74	117.96	0.82	42.6
1.82	23.19	6.09	1.85	6.73	117.6	0.82	42.6
1.83	23.19	6.09	1.87	6.72	117.78	0.84	42.6
1.846	23.19	6.09	1.87	6.73	118.16	0.84	42.6
1.87	23.19	6.09	1.87	6.73	119.41	0.84	42.6
1.893	23.19	6.09	1.87	6.73	120.3	0.84	42.6
1.911	23.19	6.09	1.94	6.73	120.04	0.88	42.59
1.923	23.19	6.09	1.94	6.72	120.83	0.88	42.59
1.935	23.19	6.09	1.94	6.71	121.26	0.88	42.6
1.947	23.18	6.09	1.94	6.69	121.73	0.88	42.59
1.954	23.18	6.09	1.94	6.68	121.73	0.88	42.6
1.96	23.18	6.09	1.99	6.68	122.51	0.9	42.6
1.977	23.18	6.09	1.99	6.68	122.11	0.9	42.6
2.012	23.18	6.09	1.99	6.7	123.02	0.9	42.6
2.058	23.18	6.09	1.99	6.7	123.61	0.9	42.59
2.087	23.18	6.09	2.07	6.71	123.83	0.92	42.59
2.098	23.17	6.09	2.07	6.72	123.99	0.92	42.59
2.107	23.17	6.09	2.07	6.73	125.28	0.92	42.59
2.116	23.17	6.09	2.07	6.72	125.03	0.92	42.59
2.124	23.17	6.09	2.07	6.73	125.69	0.92	42.6
2.136	23.17	6.09	1.97	6.73	125.61	0.95	42.6
2.155	23.17	6.09	1.97	6.74	125.99	0.95	42.59
2.18	23.17	6.09	1.97	6.76	125.58	0.95	42.59
2.208	23.16	6.09	1.97	6.76	126.71	0.95	42.59
2.225	23.16	6.09	1.92	6.77	126.29	0.96	42.59

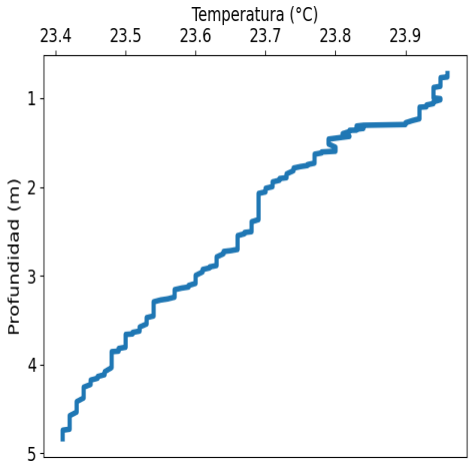
2.23	23.16	6.09	1.92	6.77	126.63	0.96	42.59
2.234	23.16	6.09	1.92	6.78	127.18	0.96	42.59
2.236	23.16	6.09	1.85	6.77	130.8	0.98	42.59
2.255	23.16	6.09	1.85	6.77	130.97	0.98	42.6
2.297	23.15	6.09	1.85	6.76	131.46	0.98	42.59
2.346	23.15	6.09	1.9	6.75	132.06	0.96	42.59
2.377	23.15	6.09	1.9	6.74	131.54	0.96	42.59
2.389	23.15	6.09	1.9	6.74	131.2	0.96	42.59
2.391	23.15	6.09	1.9	6.74	131.83	0.96	42.59
2.392	23.15	6.09	1.97	6.73	133.02	1.0	42.6
2.401	23.15	6.09	1.97	6.72	133.96	1.0	42.6
2.406	23.15	6.09	1.97	6.73	134.1	1.0	42.6
2.412	23.15	6.09	1.97	6.73	133.96	1.0	42.6
2.433	23.15	6.09	1.97	6.73	133.52	1.0	42.6
2.482	23.15	6.09	2.07	6.72	133.78	1.0	42.59
2.552	23.15	6.08	2.07	6.72	134.69	1.0	42.58
2.61	23.14	6.08	2.07	6.72	135.37	1.0	42.58
2.646	23.14	6.08	2.07	6.74	135.49	1.0	42.59
2.683	23.13	6.08	2.09	6.74	136.29	1.13	42.59
2.725	23.13	6.08	2.09	6.75	137.25	1.13	42.59
2.757	23.13	6.08	2.09	6.75	137.76	1.13	42.59
2.782	23.12	6.08	2.09	6.76	138.49	1.13	42.58
2.812	23.12	6.08	2.04	6.77	138.91	1.21	42.59
2.84	23.11	6.08	2.04	6.77	138.25	1.21	42.59
2.864	23.11	6.08	2.04	6.74	137.58	1.21	42.59
2.887	23.1	6.08	2.04	6.71	137.64	1.21	42.59
2.904	23.1	6.08	2.04	6.69	138.09	1.21	42.59
2.921	23.1	6.08	1.99	6.69	138.15	1.21	42.59
2.951	23.1	6.08	1.99	6.69	139.8	1.21	42.59
2.99	23.09	6.08	1.99	6.69	140.53	1.21	42.59
3.02	23.09	6.08	1.99	6.69	141.03	1.21	42.59
3.037	23.09	6.08	2.02	6.68	141.49	1.13	42.59
3.06	23.09	6.08	2.02	6.69	141.93	1.13	42.59
3.086	23.09	6.08	2.02	6.67	141.27	1.13	42.59
3.107	23.08	6.08	2.02	6.67	141.09	1.13	42.58
3.125	23.08	6.08	2.02	6.66	141.24	1.13	42.59
3.144	23.08	6.08	2.07	6.65	141.46	1.1	42.59
3.165	23.07	6.08	2.07	6.63	141.77	1.1	42.59
3.201	23.07	6.08	2.07	6.62	142.64	1.1	42.59
3.236	23.07	6.08	2.07	6.6	142.99	1.1	42.59
3.248	23.07	6.08	2.11	6.58	142.58	1.1	42.59
3.25	23.07	6.08	2.11	6.56	143.36	1.1	42.59
3.255	23.07	6.08	2.11	6.57	143.99	1.1	42.59
3.267	23.07	6.08	2.14	6.58	143.39	1.13	42.59
3.287	23.07	6.08	2.14	6.59	142.27	1.13	42.59
3.308	23.07	6.08	2.14	6.6	141.37	1.13	42.59
3.33	23.07	6.08	2.14	6.58	141.12	1.13	42.59
3.353	23.07	6.08	2.14	6.59	141.68	1.13	42.59
3.383	23.07	6.08	2.21	6.58	142.49	1.21	42.59
3.418	23.07	6.08	2.21	6.58	142.52	1.21	42.59
3.448	23.06	6.07	2.21	6.61	142.08	1.21	42.59
3.471	23.06	6.07	2.21	6.62	142.2	1.21	42.59
3.488	23.06	6.07	2.28	6.61	142.33	1.28	42.59
3.496	23.06	6.07	2.28	6.59	142.08	1.28	42.59
3.504	23.06	6.07	2.28	6.59	141.37	1.28	42.59
3.527	23.06	6.07	2.28	6.59	141.0	1.28	42.59
3.56	23.06	6.07	2.28	6.59	140.53	1.28	42.59
3.592	23.06	6.07	2.26	6.59	140.84	1.28	42.59

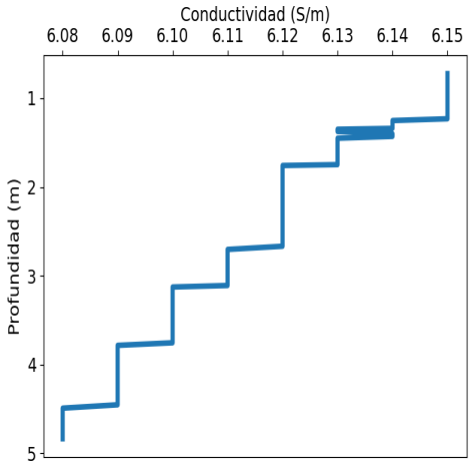
3.628	23.06	6.07	2.26	6.59	141.61	1.28	42.59
3.662	23.05	6.07	2.26	6.6	141.65	1.28	42.59
3.687	23.05	6.07	2.26	6.61	141.34	1.28	42.59
3.704	23.05	6.07	2.31	6.61	141.58	1.34	42.59
3.717	23.05	6.07	2.31	6.6	141.4	1.34	42.59
3.729	23.05	6.07	2.31	6.59	141.31	1.34	42.59
3.742	23.05	6.07	2.31	6.59	140.69	1.34	42.59
3.76	23.04	6.07	2.38	6.59	140.17	1.39	42.59
3.782	23.04	6.07	2.38	6.59	139.34	1.39	42.59
3.809	23.04	6.07	2.38	6.59	138.43	1.39	42.59
3.838	23.04	6.07	2.38	6.61	138.34	1.39	42.59
3.875	23.04	6.07	2.38	6.61	138.64	1.39	42.59
3.909	23.04	6.07	2.19	6.63	138.37	1.37	42.59
3.934	23.04	6.07	2.19	6.63	138.7	1.37	42.59
3.957	23.04	6.07	2.19	6.64	137.61	1.37	42.59
3.981	23.04	6.07	2.19	6.65	137.16	1.37	42.59
3.992	23.04	6.07	2.24	6.66	136.89	1.33	42.59
3.996	23.04	6.07	2.24	6.68	136.11	1.33	42.59
4.008	23.04	6.07	2.24	6.69	135.37	1.33	42.59
4.033	23.04	6.07	2.24	6.7	134.48	1.33	42.59
4.062	23.04	6.07	2.24	6.69	134.04	1.33	42.59
4.092	23.04	6.07	2.24	6.7	134.19	1.29	42.59
4.127	23.04	6.07	2.24	6.7	133.98	1.29	42.59
4.162	23.04	6.07	2.24	6.71	133.96	1.29	42.59
4.182	23.04	6.07	2.24	6.7	133.9	1.29	42.59
4.185	23.04	6.07	2.16	6.7	133.9	1.33	42.59
4.186	23.04	6.07	2.16	6.7	133.72	1.33	42.59
4.195	23.04	6.07	2.16	6.69	133.22	1.33	42.59
4.208	23.04	6.07	2.16	6.68	132.55	1.33	42.59
4.224	23.04	6.07	2.16	6.67	132.24	1.33	42.59
4.234	23.04	6.07	2.31	6.68	132.35	1.34	42.59
4.243	23.04	6.07	2.31	6.67	132.79	1.34	42.59
4.256	23.04	6.07	2.31	6.65	133.57	1.34	42.59
4.258	23.04	6.07	2.31	6.65	134.16	1.34	42.59
4.269	23.04	6.07	2.24	6.64	133.84	1.34	42.59
4.295	23.04	6.07	2.24	6.64	132.73	1.34	42.59
4.325	23.04	6.07	2.24	6.64	131.23	1.34	42.59
4.365	23.04	6.07	2.24	6.65	129.8	1.34	42.59
4.401	23.04	6.07	2.19	6.66	129.09	1.34	42.59
4.421	23.04	6.07	2.19	6.68	128.86	1.34	42.59
4.439	23.04	6.07	2.19	6.68	127.94	1.34	42.59
4.47	23.04	6.07	2.19	6.68	127.24	1.34	42.59
4.507	23.04	6.07	2.19	6.68	126.82	1.34	42.59
4.542	23.04	6.07	2.21	6.67	126.16	1.33	42.59
4.58	23.04	6.07	2.21	6.67	125.39	1.33	42.59
4.617	23.04	6.07	2.21	6.66	124.18	1.33	42.59
4.645	23.04	6.07	2.21	6.65	123.64	1.33	42.59
4.661	23.04	6.07	2.28	6.65	122.78	1.34	42.59
4.684	23.04	6.07	2.28	6.65	122.08	1.34	42.59
4.705	23.04	6.07	2.28	6.65	121.57	1.34	42.59
4.724	23.04	6.07	2.28	6.65	120.2	1.34	42.59
4.766	23.04	6.07	2.28	6.65	118.97	1.34	42.59
4.808	23.04	6.07	2.36	6.66	117.42	1.37	42.59
4.823	23.04	6.07	2.36	6.67	116.57	1.37	42.59
4.826	23.04	6.07	2.36	6.68	117.11	1.37	42.6
4.829	23.05	6.07	2.36	6.69	118.42	1.37	42.6
4.83	23.05	6.07	2.33	6.69	119.28	1.33	42.59
4.831	23.05	6.07	2.33	6.76	120.38	1.33	42.59

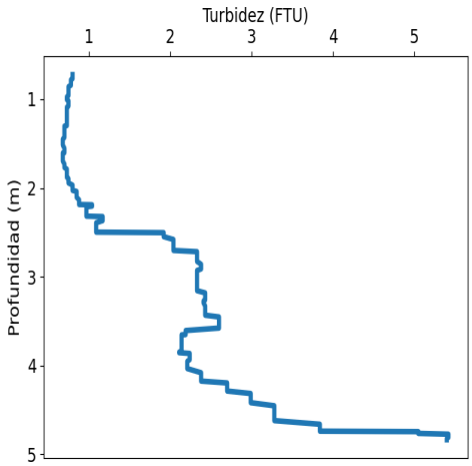
4.833	23.05	6.07	2.38	6.77	120.88	1.34	42.59
4.835	23.05	6.07	2.38	6.78	122.08	1.34	42.59
4.836	23.05	6.07	2.38	6.78	122.83	1.34	42.59
4.838	23.04	6.07	2.38	6.78	124.13	1.34	42.59
4.84	23.04	6.07	2.38	6.78	125.8	1.34	42.59
4.842	23.04	6.07	2.36	6.78	128.16	1.37	42.59
4.846	23.04	6.07	2.36	6.77	130.4	1.37	42.59

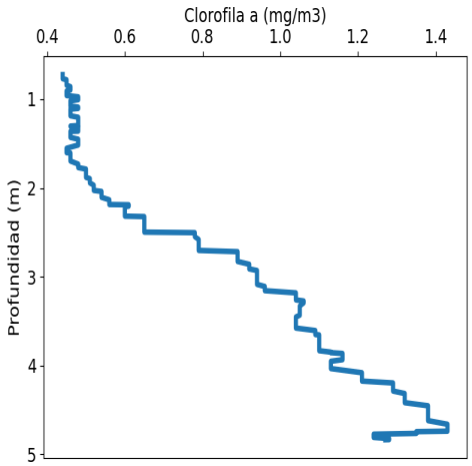
Nombre: CTD E07 - Punto 013 **Fecha: 04/05/2023** **Hora: 09:05:46**

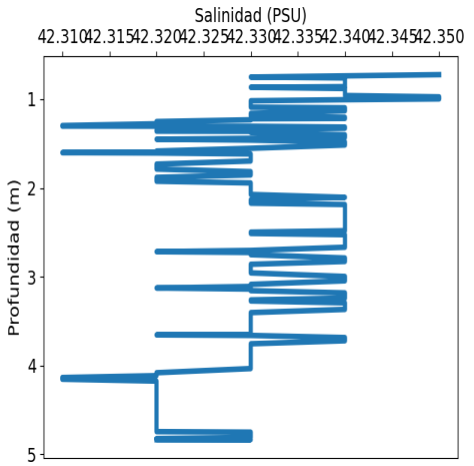


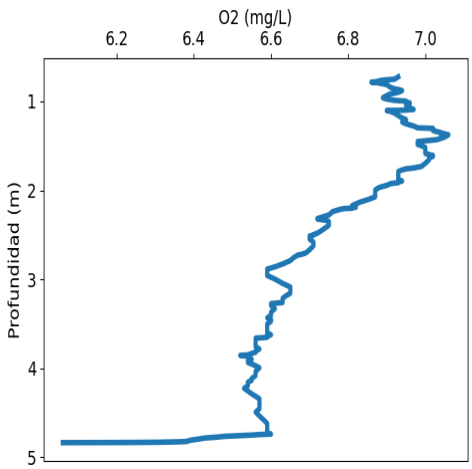


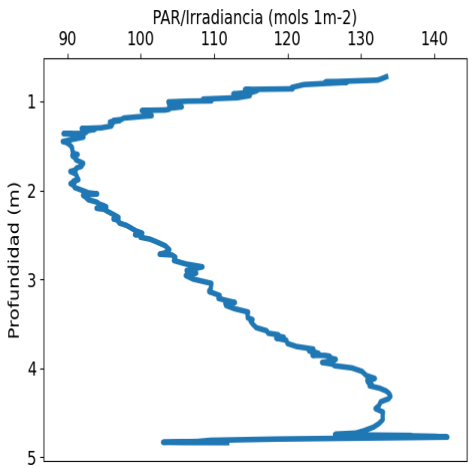












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.41	6.08	0.68	6.06	89.35	0.44	42.31
PROF (metros)	4.739	4.491	1.452	4.835	1.452	0.725	1.298
MÁXIMO	23.96	23.96	5.42	7.06	141.77	1.43	42.35
PROF (metros)	0.725	0.725	4.773	1.376	4.773	4.661	0.725

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.95	6.15	0.76	6.91	119.26	0.46	42.34
1 - 2m	23.83	6.14	0.72	6.97	94.32	0.48	42.33
2 - 3m	23.67	6.12	1.48	6.74	99.03	0.7	42.34
3 - 4m	23.52	6.1	2.3	6.59	117.99	1.07	42.33
4 - 5m	23.43	6.09	3.85	6.5	128.03	1.31	42.32

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.725	23.96	6.15	0.8	6.93	133.43	0.44	42.35
0.752	23.96	6.15	0.8	6.92	132.61	0.44	42.33
0.762	23.96	6.15	0.8	6.89	132.24	0.44	42.34
0.771	23.95	6.15	0.8	6.88	129.15	0.44	42.34
0.782	23.95	6.15	0.78	6.87	125.14	0.45	42.34
0.785	23.95	6.15	0.78	6.86	126.93	0.45	42.34
0.787	23.95	6.15	0.78	6.87	128.05	0.45	42.34
0.812	23.95	6.15	0.78	6.9	122.21	0.45	42.34
0.844	23.95	6.15	0.78	6.91	120.57	0.45	42.34
0.86	23.95	6.15	0.75	6.92	120.67	0.46	42.34
0.867	23.95	6.15	0.75	6.93	114.17	0.46	42.33
0.881	23.94	6.15	0.75	6.94	115.81	0.46	42.34
0.898	23.94	6.15	0.75	6.93	115.15	0.46	42.34
0.909	23.94	6.15	0.75	6.92	113.62	0.45	42.34
0.917	23.94	6.15	0.75	6.91	112.58	0.45	42.34
0.936	23.94	6.15	0.75	6.9	114.85	0.45	42.34
0.96	23.94	6.15	0.75	6.89	113.1	0.45	42.34
0.975	23.94	6.15	0.73	6.9	108.47	0.48	42.35
0.989	23.94	6.15	0.73	6.92	109.57	0.48	42.35
0.995	23.94	6.15	0.73	6.94	109.62	0.48	42.35
0.998	23.94	6.15	0.73	6.95	106.45	0.48	42.35
1.007	23.95	6.15	0.73	6.95	103.73	0.48	42.34
1.019	23.95	6.15	0.75	6.96	104.28	0.46	42.33
1.042	23.94	6.15	0.75	6.95	103.85	0.46	42.33
1.062	23.94	6.15	0.75	6.96	105.59	0.46	42.33
1.078	23.93	6.15	0.75	6.96	103.89	0.46	42.33
1.091	23.93	6.15	0.73	6.97	103.8	0.48	42.33
1.098	23.93	6.15	0.73	6.95	103.26	0.48	42.34
1.102	23.92	6.15	0.73	6.93	100.47	0.48	42.34
1.103	23.92	6.15	0.73	6.9	101.37	0.48	42.34
1.105	23.92	6.15	0.73	6.9	100.1	0.48	42.34
1.114	23.92	6.15	0.73	6.91	100.67	0.46	42.34
1.132	23.92	6.15	0.73	6.92	100.56	0.46	42.34
1.161	23.92	6.15	0.73	6.93	101.49	0.46	42.33
1.188	23.92	6.15	0.73	6.94	97.67	0.46	42.33
1.205	23.92	6.15	0.73	6.95	97.33	0.48	42.34
1.215	23.92	6.15	0.73	6.95	96.25	0.48	42.34

1.218	23.92	6.15	0.73	6.95	97.1	0.48	42.34
1.222	23.92	6.15	0.73	6.95	96.71	0.48	42.33
1.233	23.92	6.15	0.73	6.94	95.76	0.48	42.33
1.253	23.91	6.14	0.73	6.95	96.12	0.48	42.32
1.278	23.9	6.14	0.73	6.97	95.98	0.48	42.32
1.298	23.9	6.14	0.73	6.98	94.58	0.48	42.31
1.304	23.85	6.14	0.7	7.02	92.61	0.46	42.31
1.306	23.84	6.14	0.7	7.02	91.92	0.46	42.33
1.315	23.83	6.14	0.7	7.02	93.73	0.48	42.34
1.328	23.83	6.14	0.7	7.02	92.9	0.48	42.34
1.341	23.84	6.14	0.7	7.03	92.17	0.48	42.33
1.351	23.83	6.13	0.7	7.04	92.53	0.48	42.32
1.361	23.83	6.13	0.7	7.04	91.88	0.48	42.32
1.363	23.82	6.13	0.7	7.05	89.44	0.46	42.33
1.369	23.82	6.13	0.7	7.05	90.55	0.46	42.33
1.376	23.82	6.13	0.7	7.06	91.26	0.46	42.33
1.402	23.81	6.14	0.7	7.05	92.19	0.46	42.34
1.431	23.82	6.14	0.7	7.03	90.49	0.46	42.34
1.452	23.8	6.13	0.68	6.98	89.34	0.48	42.32
1.462	23.79	6.13	0.68	6.98	89.82	0.48	42.33
1.483	23.79	6.13	0.68	6.98	90.23	0.48	42.34
1.517	23.79	6.13	0.68	7.0	90.62	0.48	42.34
1.554	23.8	6.13	0.7	7.0	90.66	0.45	42.33
1.585	23.8	6.13	0.7	7.0	90.84	0.45	42.32
1.598	23.8	6.13	0.7	7.01	91.4	0.45	42.32
1.603	23.79	6.13	0.7	7.01	90.92	0.45	42.31
1.607	23.78	6.13	0.68	7.02	90.64	0.46	42.32
1.618	23.78	6.13	0.68	7.02	90.7	0.46	42.33
1.632	23.77	6.13	0.68	7.01	91.04	0.46	42.33
1.656	23.77	6.13	0.68	7.01	91.12	0.46	42.33
1.697	23.77	6.13	0.68	7.0	92.15	0.46	42.33
1.732	23.77	6.13	0.7	6.99	91.88	0.48	42.32
1.749	23.76	6.13	0.7	6.97	91.22	0.48	42.32
1.759	23.76	6.12	0.7	6.95	91.14	0.48	42.32
1.771	23.75	6.12	0.7	6.94	91.14	0.48	42.32
1.788	23.74	6.12	0.73	6.93	90.37	0.5	42.32
1.817	23.74	6.12	0.73	6.93	91.14	0.5	42.33
1.854	23.73	6.12	0.73	6.93	91.32	0.5	42.33
1.881	23.73	6.12	0.73	6.93	91.5	0.5	42.32
1.896	23.73	6.12	0.75	6.94	90.78	0.51	42.32
1.906	23.72	6.12	0.75	6.93	91.04	0.51	42.32
1.914	23.72	6.12	0.75	6.93	90.68	0.51	42.32
1.925	23.72	6.12	0.75	6.91	90.39	0.51	42.32
1.944	23.71	6.12	0.75	6.9	90.82	0.51	42.33
1.969	23.71	6.12	0.8	6.88	90.98	0.52	42.33
1.997	23.71	6.12	0.8	6.87	91.88	0.52	42.33
2.016	23.7	6.12	0.8	6.87	92.49	0.52	42.33
2.028	23.7	6.12	0.8	6.87	92.83	0.52	42.33
2.04	23.7	6.12	0.85	6.87	94.06	0.54	42.33
2.049	23.7	6.12	0.85	6.87	92.71	0.54	42.33
2.056	23.7	6.12	0.85	6.87	92.1	0.54	42.33
2.074	23.69	6.12	0.85	6.87	92.43	0.54	42.33
2.106	23.69	6.12	0.85	6.85	92.83	0.54	42.34
2.134	23.69	6.12	0.88	6.83	94.04	0.56	42.33
2.153	23.69	6.12	0.88	6.82	94.31	0.56	42.33
2.172	23.69	6.12	0.88	6.81	94.95	0.56	42.33
2.187	23.69	6.12	0.88	6.81	95.3	0.56	42.34
2.19	23.69	6.12	1.04	6.82	94.89	0.61	42.34

2.194	23.69	6.12	1.04	6.81	94.31	0.61	42.34
2.201	23.69	6.12	1.04	6.81	93.94	0.61	42.34
2.205	23.69	6.12	1.04	6.79	94.18	0.61	42.34
2.213	23.69	6.12	0.97	6.78	94.95	0.6	42.34
2.239	23.69	6.12	0.97	6.76	95.51	0.6	42.34
2.277	23.69	6.12	0.97	6.75	96.38	0.6	42.34
2.305	23.69	6.12	0.97	6.73	96.97	0.6	42.34
2.318	23.69	6.12	0.97	6.72	96.25	0.6	42.34
2.323	23.69	6.12	1.17	6.72	96.25	0.65	42.34
2.335	23.69	6.12	1.17	6.74	96.95	0.65	42.34
2.35	23.69	6.12	1.17	6.75	96.9	0.65	42.34
2.368	23.69	6.12	1.17	6.75	97.07	0.65	42.34
2.393	23.68	6.12	1.09	6.75	98.01	0.65	42.34
2.424	23.68	6.12	1.09	6.74	98.68	0.65	42.34
2.455	23.68	6.12	1.09	6.73	99.31	0.65	42.34
2.482	23.68	6.12	1.09	6.72	100.2	0.65	42.34
2.498	23.68	6.12	1.09	6.71	99.18	0.65	42.33
2.504	23.68	6.12	1.92	6.71	99.9	0.78	42.33
2.513	23.67	6.12	1.92	6.7	100.01	0.78	42.33
2.527	23.67	6.12	1.92	6.7	99.92	0.78	42.34
2.549	23.66	6.12	1.92	6.7	101.24	0.78	42.34
2.581	23.66	6.12	2.04	6.71	102.18	0.79	42.34
2.623	23.66	6.12	2.04	6.71	103.32	0.79	42.34
2.668	23.66	6.12	2.04	6.7	103.89	0.79	42.34
2.704	23.66	6.11	2.04	6.69	103.23	0.79	42.33
2.718	23.65	6.11	2.33	6.68	102.54	0.89	42.32
2.727	23.64	6.11	2.33	6.67	104.26	0.89	42.33
2.752	23.64	6.11	2.33	6.66	104.71	0.89	42.33
2.789	23.63	6.11	2.33	6.65	104.48	0.89	42.34
2.828	23.63	6.11	2.33	6.63	106.14	0.89	42.34
2.86	23.63	6.11	2.38	6.61	108.4	0.92	42.33
2.885	23.63	6.11	2.38	6.59	107.1	0.92	42.33
2.901	23.62	6.11	2.38	6.59	106.21	0.92	42.33
2.912	23.62	6.11	2.38	6.59	106.31	0.92	42.33
2.93	23.61	6.11	2.33	6.59	107.55	0.94	42.33
2.957	23.61	6.11	2.33	6.59	106.1	0.94	42.33
2.997	23.6	6.11	2.33	6.61	107.1	0.94	42.34
3.046	23.6	6.11	2.33	6.63	109.62	0.94	42.34
3.086	23.6	6.11	2.33	6.65	109.54	0.94	42.33
3.11	23.59	6.11	2.33	6.65	109.52	0.96	42.33
3.127	23.59	6.1	2.33	6.65	109.3	0.96	42.32
3.139	23.58	6.1	2.33	6.65	109.3	0.96	42.33
3.157	23.57	6.1	2.33	6.65	109.93	0.96	42.33
3.182	23.57	6.1	2.43	6.64	110.75	1.04	42.34
3.214	23.57	6.1	2.43	6.63	110.55	1.04	42.34
3.241	23.57	6.1	2.43	6.63	111.82	1.04	42.34
3.261	23.56	6.1	2.43	6.63	112.83	1.04	42.33
3.273	23.55	6.1	2.41	6.6	111.5	1.06	42.33
3.294	23.54	6.1	2.41	6.6	111.6	1.06	42.34
3.33	23.54	6.1	2.43	6.61	112.75	1.05	42.34
3.368	23.54	6.1	2.43	6.6	114.62	1.05	42.34
3.404	23.54	6.1	2.43	6.6	114.52	1.05	42.33
3.433	23.54	6.1	2.43	6.59	114.55	1.05	42.33
3.453	23.54	6.1	2.6	6.6	115.23	1.04	42.33
3.472	23.53	6.1	2.6	6.6	114.95	1.04	42.33
3.502	23.53	6.1	2.6	6.59	115.23	1.04	42.33
3.543	23.53	6.1	2.6	6.59	115.71	1.04	42.33
3.578	23.52	6.1	2.6	6.59	117.13	1.04	42.33

3.606	23.52	6.1	2.19	6.59	117.36	1.09	42.33
3.623	23.52	6.1	2.19	6.6	118.73	1.09	42.33
3.638	23.51	6.1	2.19	6.59	118.6	1.09	42.33
3.651	23.51	6.1	2.19	6.59	119.49	1.09	42.33
3.655	23.51	6.1	2.14	6.58	118.99	1.1	42.32
3.661	23.5	6.1	2.14	6.56	118.42	1.1	42.33
3.685	23.5	6.1	2.14	6.56	119.83	1.1	42.34
3.721	23.5	6.1	2.14	6.56	119.96	1.1	42.34
3.755	23.5	6.1	2.14	6.56	121.2	1.1	42.33
3.784	23.5	6.09	2.14	6.57	123.51	1.1	42.33
3.805	23.5	6.09	2.14	6.56	122.91	1.1	42.33
3.819	23.49	6.09	2.14	6.56	123.72	1.1	42.33
3.833	23.49	6.09	2.14	6.55	124.24	1.1	42.33
3.849	23.49	6.09	2.11	6.54	123.56	1.13	42.33
3.854	23.48	6.09	2.11	6.52	123.37	1.13	42.33
3.855	23.48	6.09	2.11	6.52	125.08	1.13	42.33
3.864	23.48	6.09	2.24	6.54	125.74	1.16	42.33
3.881	23.48	6.09	2.24	6.54	125.63	1.16	42.33
3.899	23.48	6.09	2.24	6.55	126.57	1.16	42.33
3.916	23.48	6.09	2.24	6.54	125.94	1.16	42.33
3.934	23.48	6.09	2.24	6.54	124.67	1.16	42.33
3.952	23.48	6.09	2.21	6.55	126.07	1.13	42.33
3.971	23.48	6.09	2.21	6.56	126.4	1.13	42.33
3.995	23.48	6.09	2.21	6.57	128.72	1.13	42.33
4.034	23.48	6.09	2.21	6.56	130.11	1.13	42.33
4.081	23.47	6.09	2.38	6.56	130.71	1.21	42.32
4.114	23.47	6.09	2.38	6.55	131.89	1.21	42.32
4.135	23.46	6.09	2.38	6.55	130.83	1.21	42.31
4.154	23.46	6.09	2.38	6.54	130.91	1.21	42.31
4.175	23.45	6.09	2.38	6.54	131.43	1.21	42.32
4.196	23.45	6.09	2.7	6.54	131.14	1.29	42.32
4.224	23.45	6.09	2.7	6.53	132.55	1.29	42.32
4.255	23.44	6.09	2.7	6.54	133.43	1.29	42.32
4.287	23.44	6.09	2.7	6.55	133.87	1.29	42.32
4.315	23.44	6.09	2.99	6.56	134.01	1.32	42.32
4.342	23.44	6.09	2.99	6.57	133.75	1.32	42.32
4.376	23.44	6.09	2.99	6.57	132.67	1.32	42.32
4.418	23.43	6.09	2.99	6.57	132.44	1.32	42.32
4.453	23.43	6.09	3.28	6.57	131.95	1.38	42.32
4.491	23.43	6.08	3.28	6.56	132.99	1.38	42.32
4.535	23.43	6.08	3.28	6.57	132.93	1.38	42.32
4.576	23.42	6.08	3.28	6.58	132.96	1.38	42.32
4.62	23.42	6.08	3.28	6.59	132.44	1.38	42.32
4.661	23.42	6.08	3.84	6.59	131.69	1.43	42.32
4.702	23.42	6.08	3.84	6.59	130.37	1.43	42.32
4.728	23.42	6.08	3.84	6.59	129.26	1.43	42.32
4.739	23.41	6.08	3.84	6.6	126.57	1.43	42.32
4.744	23.41	6.08	5.05	6.57	126.43	1.35	42.32
4.75	23.41	6.08	5.05	6.55	131.37	1.35	42.33
4.754	23.41	6.08	5.05	6.53	136.74	1.35	42.33
4.759	23.41	6.08	5.05	6.5	137.04	1.35	42.33
4.764	23.41	6.08	5.05	6.48	140.01	1.35	42.33
4.773	23.41	6.08	5.42	6.46	141.77	1.24	42.33
4.782	23.41	6.08	5.42	6.43	131.92	1.24	42.33
4.795	23.41	6.08	5.42	6.41	118.47	1.24	42.33
4.809	23.41	6.08	5.42	6.39	109.45	1.24	42.33
4.822	23.41	6.08	5.4	6.38	107.69	1.28	42.32
4.826	23.41	6.08	5.4	6.36	104.85	1.28	42.32

4.831	23.41	6.08	5.4	6.3	103.01	1.28	42.32
4.834	23.41	6.08	5.4	6.2	105.54	1.28	42.33
4.835	23.41	6.08	5.4	6.06	111.77	1.27	42.32