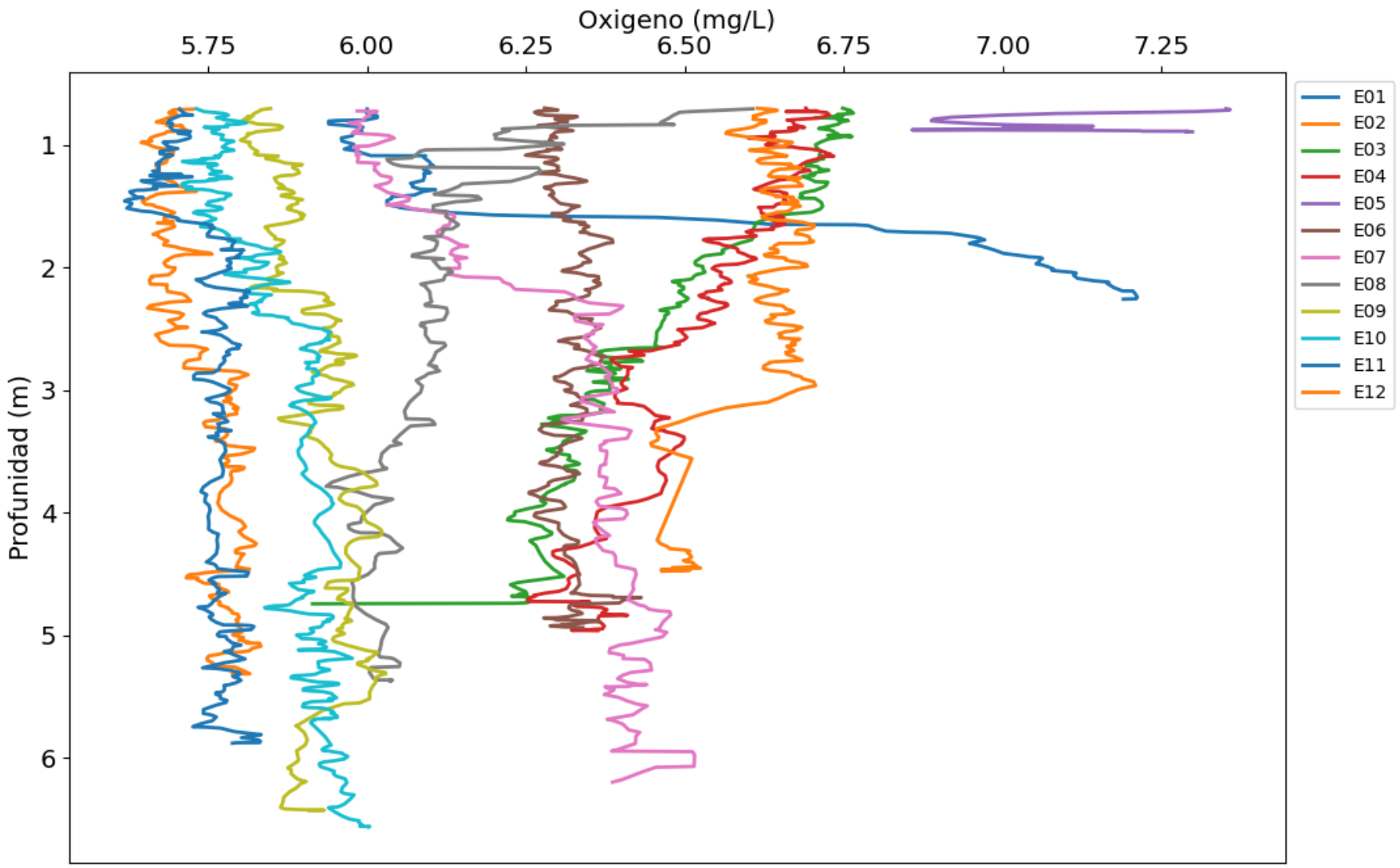
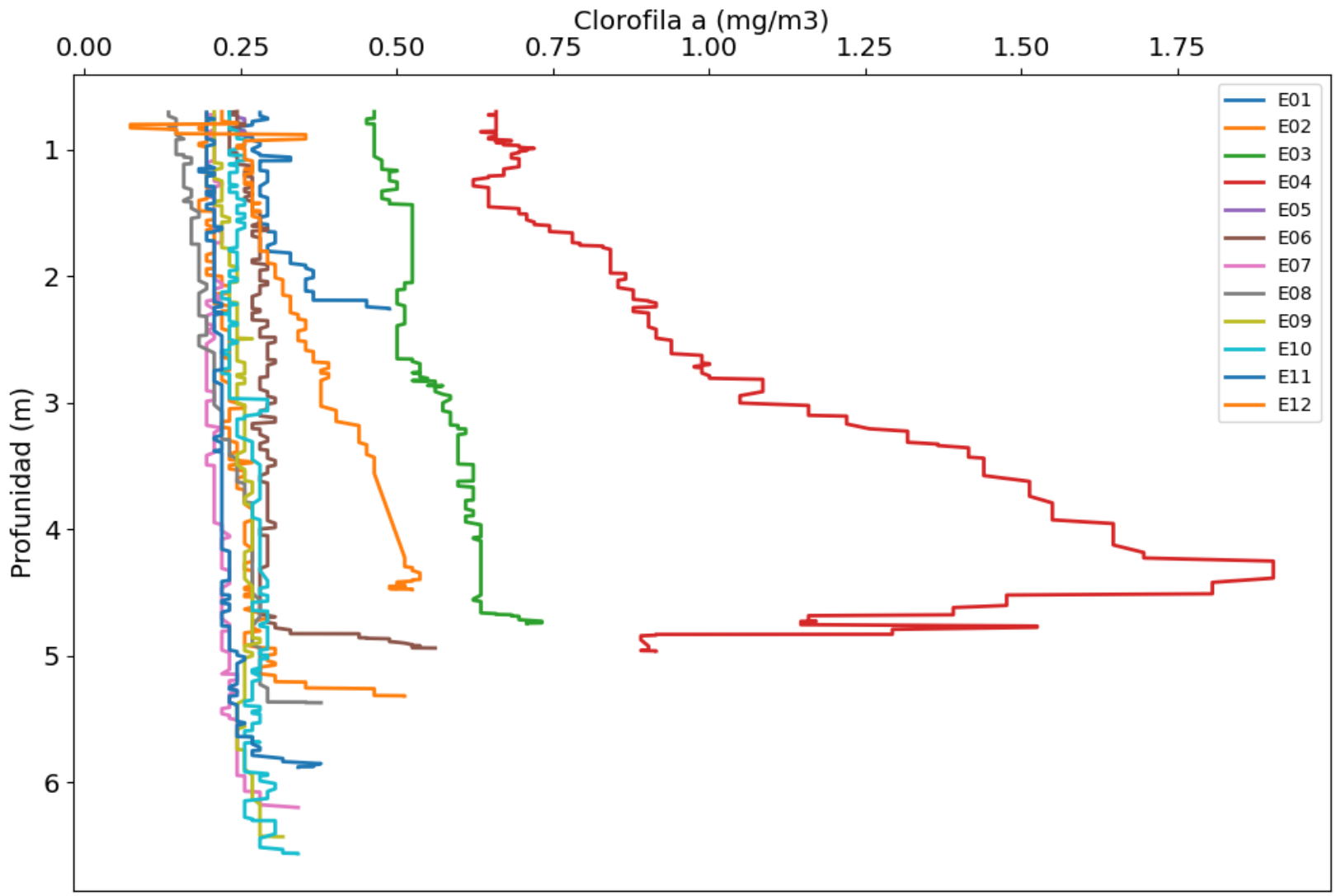
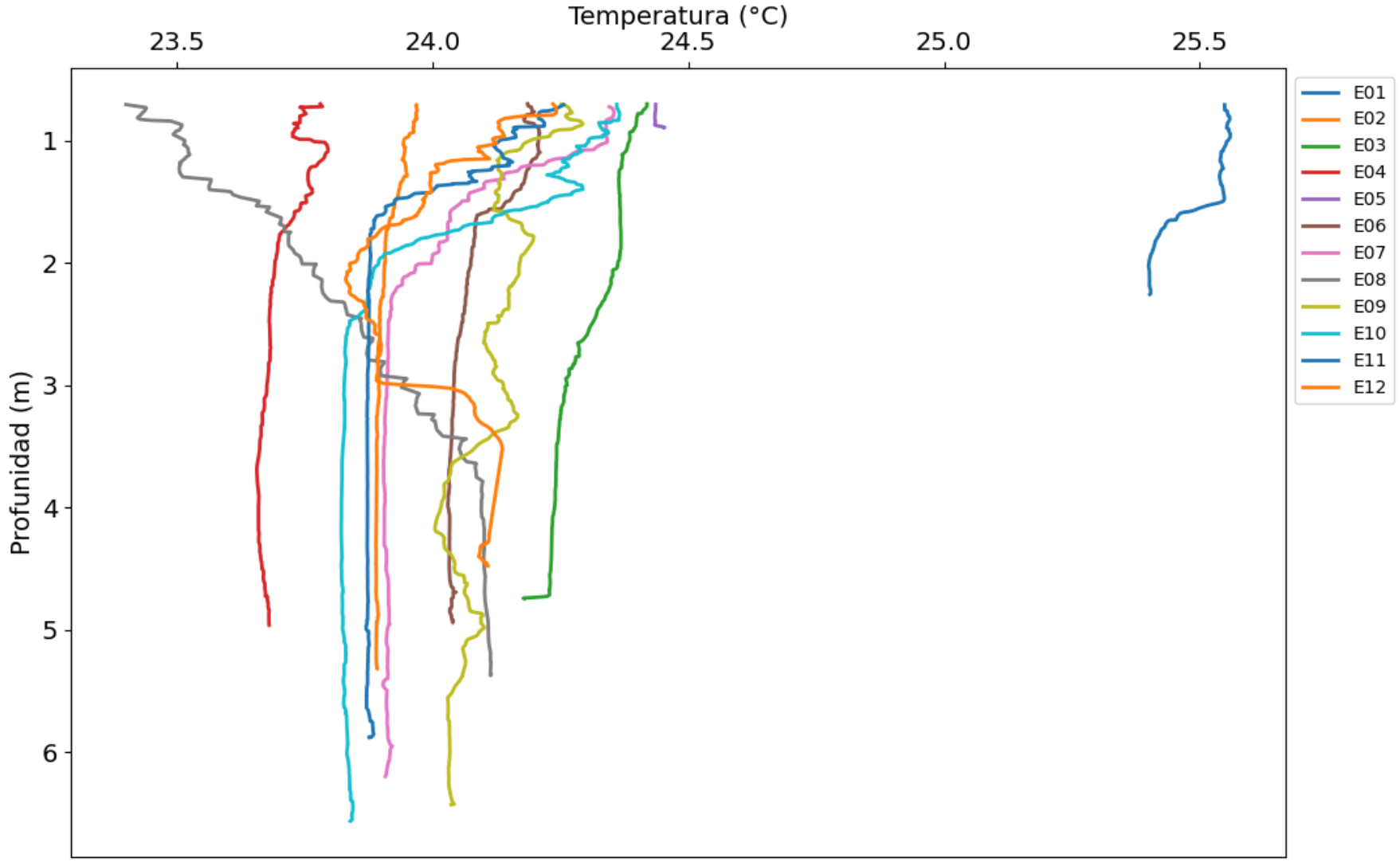
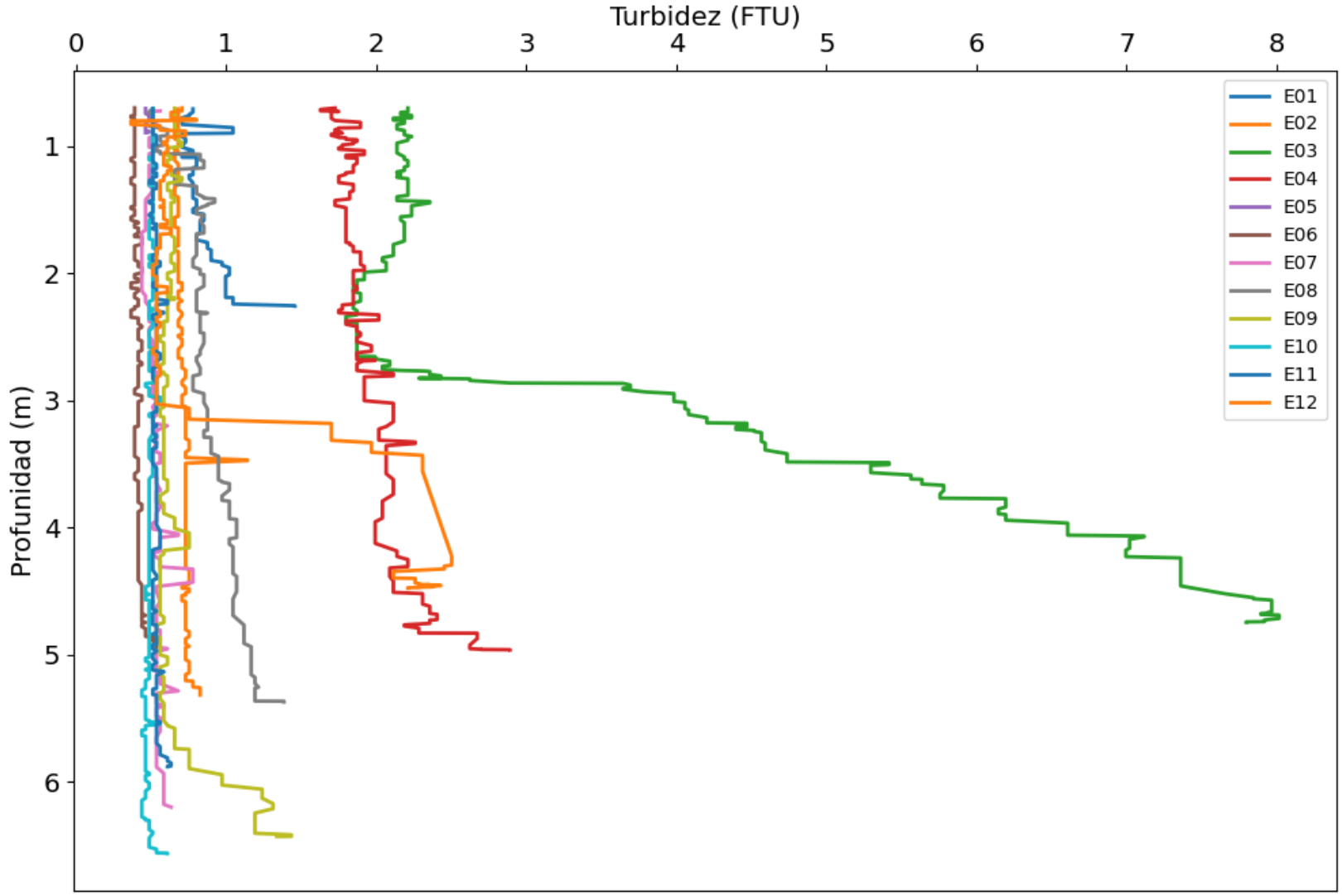
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20230605**

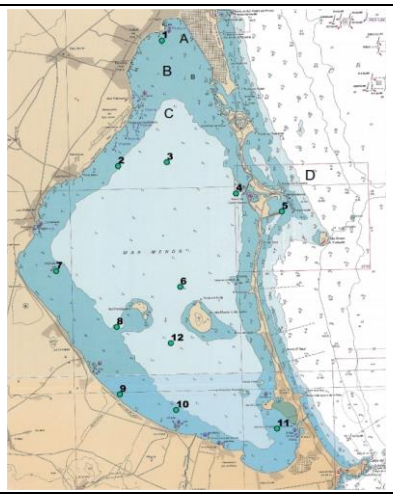


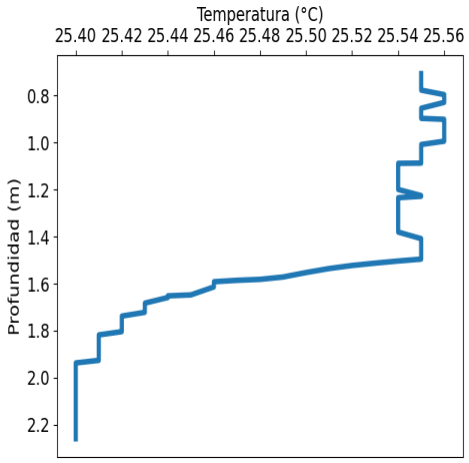

Clorofila a (mg/m3)
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

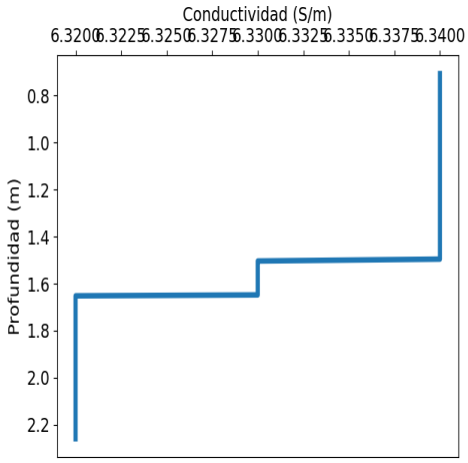

Temperatura (°C)
23.5
24.0
24.5
25.0
25.5
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

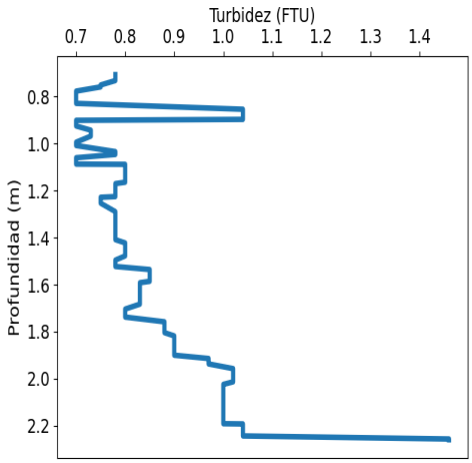

Turbidez (FTU)
0
1
2
3
4
5
6
7
8
Profunidad (m)
1
2
3
4
5
6
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12

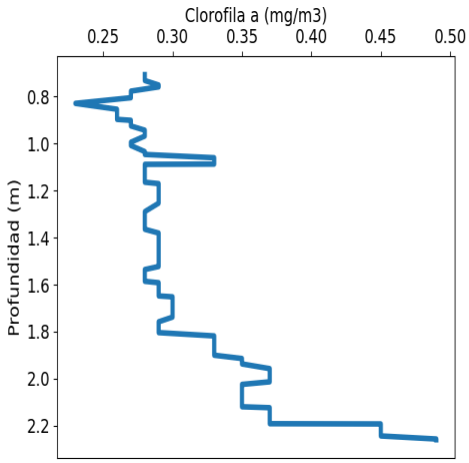
Nombre: CTD E01 - Punto 001 **Fecha: 05/06/2023** **Hora: 12:06:00**

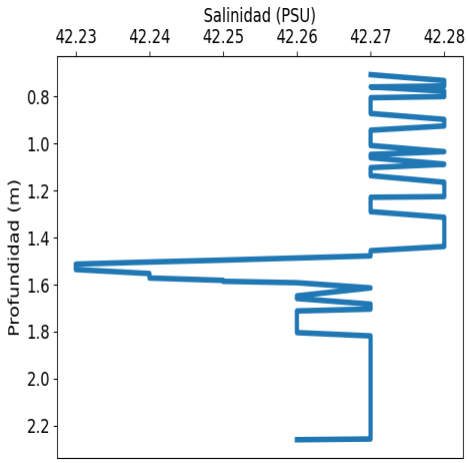


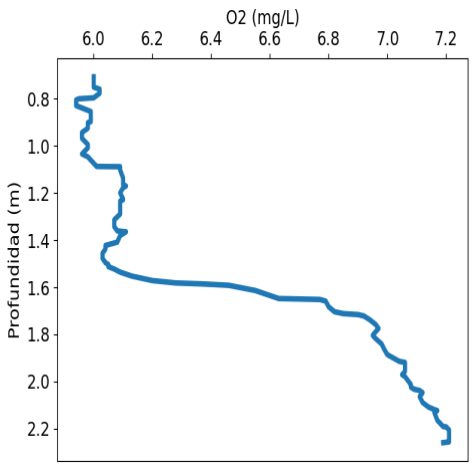


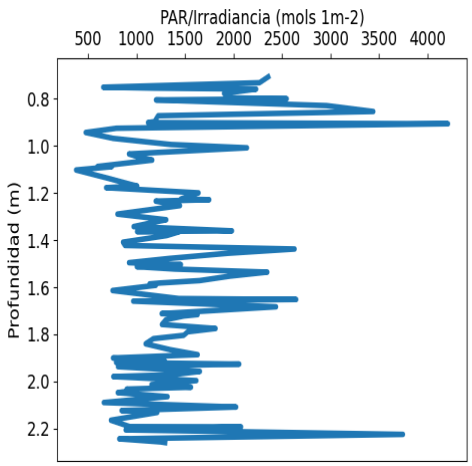












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	25.4	6.32	0.71	5.94	373.09	0.23	42.23
PROF (metros)	1.937	1.652	0.778	0.806	1.103	0.83	1.513
MÁXIMO	25.56	25.56	1.46	7.21	4212.9	0.49	42.28
PROF (metros)	0.797	0.708	2.256	2.205	0.907	2.256	0.733

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	25.55	6.34	0.78	5.98	1778.8	0.27	42.27
1 - 2m	25.49	6.33	0.83	6.44	1328.29	0.3	42.27
2 - 3m	25.4	6.32	1.06	7.15	1281.42	0.39	42.27

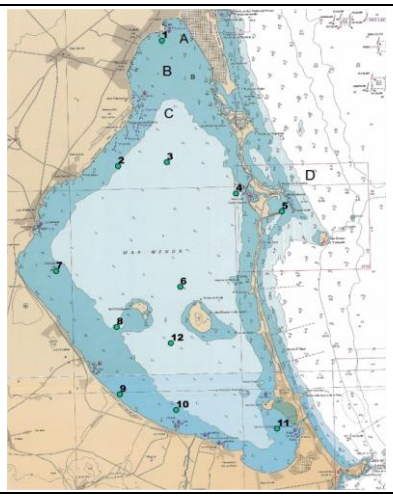
OBSERVACIONES GENERALES

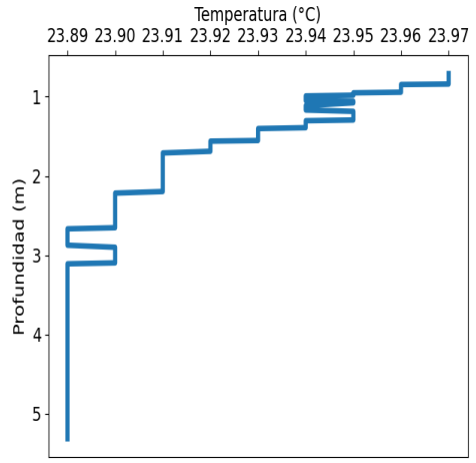
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	25.55	6.34	0.78	6.0	2357.5	0.28	42.27
0.733	25.55	6.34	0.78	6.0	2266.9	0.28	42.28
0.752	25.55	6.34	0.75	6.0	653.02	0.29	42.28
0.756	25.55	6.34	0.75	6.01	1185.8	0.29	42.28
0.76	25.55	6.34	0.75	6.02	2233.9	0.29	42.27
0.778	25.55	6.34	0.7	6.02	1899.4	0.27	42.28
0.797	25.56	6.34	0.7	6.0	1943.9	0.27	42.28
0.801	25.56	6.34	0.7	5.95	2549.1	0.27	42.28
0.806	25.56	6.34	0.7	5.94	1197.3	0.27	42.27
0.83	25.56	6.34	0.7	5.94	2959.6	0.23	42.27
0.855	25.55	6.34	1.04	5.99	3442.2	0.26	42.27
0.873	25.55	6.34	1.04	5.99	1220.5	0.26	42.27
0.898	25.55	6.34	1.04	5.99	1183.4	0.26	42.28
0.902	25.56	6.34	0.7	5.98	1115.3	0.27	42.28
0.907	25.56	6.34	0.7	5.98	4212.9	0.27	42.28
0.926	25.56	6.34	0.7	5.98	791.23	0.27	42.28
0.944	25.56	6.34	0.73	5.96	472.09	0.28	42.27
0.969	25.56	6.34	0.73	5.96	758.33	0.28	42.27
0.995	25.56	6.34	0.7	5.98	1354.9	0.27	42.27
1.009	25.55	6.34	0.7	5.98	2139.1	0.27	42.27
1.035	25.55	6.34	0.78	5.96	918.64	0.28	42.28
1.047	25.55	6.34	0.78	5.98	1011.8	0.28	42.27
1.061	25.55	6.34	0.7	5.99	1161.9	0.33	42.27
1.088	25.55	6.34	0.7	6.01	595.65	0.33	42.28
1.089	25.54	6.34	0.8	6.09	743.7	0.28	42.28
1.103	25.54	6.34	0.8	6.09	373.09	0.28	42.27
1.137	25.54	6.34	0.8	6.1	694.3	0.28	42.27
1.165	25.54	6.34	0.8	6.1	946.61	0.28	42.28
1.171	25.54	6.34	0.78	6.11	1006.7	0.29	42.28
1.178	25.54	6.34	0.78	6.1	682.69	0.29	42.28
1.2	25.54	6.34	0.78	6.09	1639.5	0.29	42.28
1.226	25.55	6.34	0.78	6.1	1454.8	0.29	42.28
1.229	25.55	6.34	0.75	6.1	1749.7	0.29	42.27
1.235	25.54	6.34	0.75	6.09	1194.6	0.29	42.27
1.254	25.54	6.34	0.75	6.09	1448.1	0.29	42.27
1.29	25.54	6.34	0.78	6.09	799.94	0.28	42.27
1.314	25.54	6.34	0.78	6.07	1306.5	0.28	42.28
1.319	25.54	6.34	0.78	6.07	1243.7	0.28	42.28
1.343	25.54	6.34	0.78	6.07	966.93	0.28	42.28

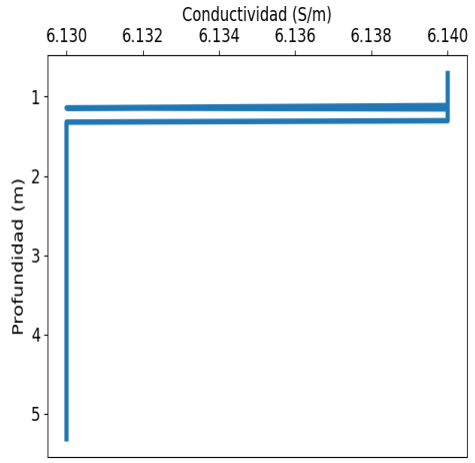
1.361	25.54	6.34	0.78	6.08	1984.4	0.28	42.28
1.364	25.54	6.34	0.78	6.1	1002.5	0.28	42.28
1.365	25.54	6.34	0.78	6.11	1437.7	0.28	42.28
1.381	25.54	6.34	0.78	6.09	1310.0	0.29	42.28
1.409	25.55	6.34	0.78	6.08	857.24	0.29	42.28
1.423	25.55	6.34	0.8	6.04	878.33	0.29	42.28
1.438	25.55	6.34	0.8	6.04	2630.2	0.29	42.28
1.456	25.55	6.34	0.8	6.03	1943.5	0.29	42.27
1.478	25.55	6.34	0.8	6.03	1335.2	0.29	42.27
1.496	25.55	6.34	0.78	6.04	919.25	0.29	42.25
1.504	25.54	6.33	0.78	6.05	1457.7	0.29	42.24
1.513	25.53	6.33	0.78	6.05	999.86	0.29	42.23
1.523	25.52	6.33	0.78	6.07	1392.5	0.29	42.23
1.536	25.51	6.33	0.85	6.09	2348.7	0.28	42.23
1.553	25.5	6.33	0.85	6.13	1961.9	0.28	42.24
1.572	25.49	6.33	0.85	6.2	1648.9	0.28	42.24
1.582	25.48	6.33	0.85	6.28	1245.9	0.28	42.25
1.586	25.47	6.33	0.85	6.37	1131.0	0.28	42.25
1.592	25.46	6.33	0.83	6.46	1198.3	0.29	42.26
1.614	25.46	6.33	0.83	6.55	749.26	0.29	42.27
1.648	25.45	6.33	0.83	6.63	1434.3	0.29	42.26
1.652	25.44	6.32	0.83	6.77	2646.9	0.3	42.26
1.659	25.44	6.32	0.83	6.79	962.28	0.3	42.26
1.683	25.43	6.32	0.83	6.8	2438.8	0.3	42.27
1.704	25.43	6.32	0.8	6.82	1587.2	0.3	42.27
1.712	25.43	6.32	0.8	6.85	1256.1	0.3	42.26
1.716	25.43	6.32	0.8	6.9	1629.9	0.3	42.26
1.722	25.43	6.32	0.8	6.92	1485.1	0.3	42.26
1.738	25.42	6.32	0.8	6.94	1300.0	0.3	42.26
1.758	25.42	6.32	0.88	6.96	1258.8	0.29	42.26
1.775	25.42	6.32	0.88	6.97	1815.2	0.29	42.26
1.789	25.42	6.32	0.88	6.96	1526.6	0.29	42.26
1.804	25.42	6.32	0.88	6.95	1485.1	0.29	42.26
1.818	25.41	6.32	0.9	6.96	1172.1	0.33	42.27
1.84	25.41	6.32	0.9	6.98	1090.7	0.33	42.27
1.865	25.41	6.32	0.9	6.99	1347.8	0.33	42.27
1.886	25.41	6.32	0.9	7.0	1630.9	0.33	42.27
1.9	25.41	6.32	0.9	7.02	753.7	0.33	42.27
1.914	25.41	6.32	0.97	7.04	1293.7	0.35	42.27
1.919	25.41	6.32	0.97	7.06	785.54	0.35	42.27
1.926	25.41	6.32	0.97	7.06	2059.2	0.35	42.27
1.937	25.4	6.32	0.97	7.06	805.57	0.35	42.27
1.957	25.4	6.32	1.02	7.06	1653.6	0.37	42.27
1.971	25.4	6.32	1.02	7.05	1363.8	0.37	42.27
1.979	25.4	6.32	1.02	7.06	756.84	0.37	42.27
1.996	25.4	6.32	1.02	7.07	1617.1	0.37	42.27
2.013	25.4	6.32	1.02	7.08	1151.2	0.37	42.27
2.024	25.4	6.32	1.0	7.08	1561.7	0.35	42.27
2.032	25.4	6.32	1.0	7.09	895.41	0.35	42.27
2.038	25.4	6.32	1.0	7.11	967.35	0.35	42.27
2.047	25.4	6.32	1.0	7.12	803.1	0.35	42.27
2.064	25.4	6.32	1.0	7.11	1320.1	0.35	42.27
2.089	25.4	6.32	1.0	7.12	659.05	0.35	42.27
2.108	25.4	6.32	1.0	7.14	2027.4	0.35	42.27
2.119	25.4	6.32	1.0	7.16	1173.1	0.35	42.27
2.123	25.4	6.32	1.0	7.17	842.54	0.37	42.27
2.131	25.4	6.32	1.0	7.16	1213.4	0.37	42.27
2.164	25.4	6.32	1.0	7.17	732.55	0.37	42.27

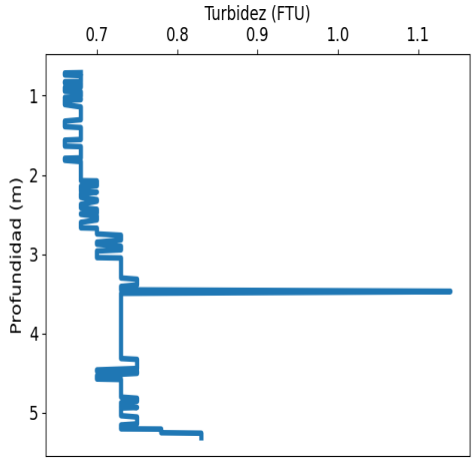
2.191	25.4	6.32	1.0	7.19	928.55	0.37	42.27
2.192	25.4	6.32	1.04	7.2	2078.2	0.45	42.27
2.205	25.4	6.32	1.04	7.21	884.5	0.45	42.27
2.224	25.4	6.32	1.04	7.21	3748.1	0.45	42.27
2.243	25.4	6.32	1.04	7.21	818.36	0.45	42.27
2.256	25.4	6.32	1.46	7.21	1247.8	0.49	42.27
2.259	25.4	6.32	1.46	7.19	1294.6	0.49	42.26

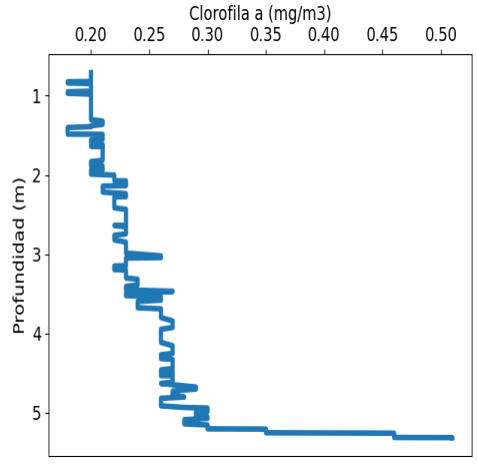
Nombre: CTD E02 - Punto 002 **Fecha: 05/06/2023** **Hora: 07:06:53**

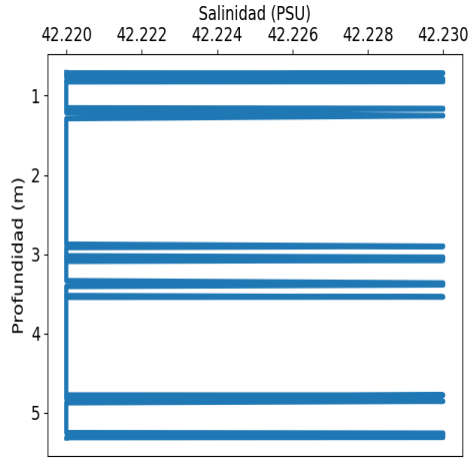


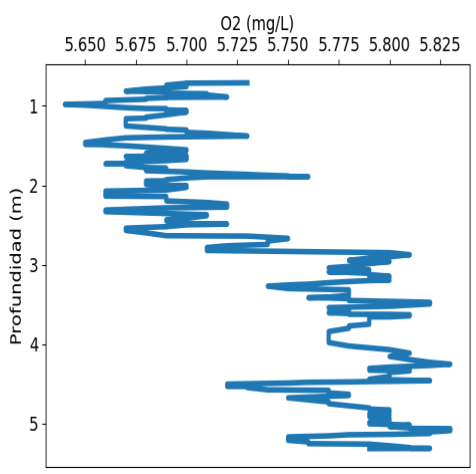


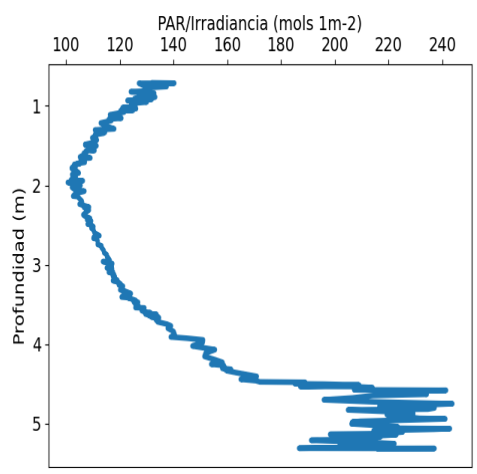












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.89	6.13	0.66	5.65	100.56	0.18	42.22
PROF (metros)	2.668	1.142	0.713	0.981	1.964	0.824	0.709
MÁXIMO	23.97	23.97	1.14	5.83	243.78	0.51	42.23
PROF (metros)	0.709	0.709	3.469	4.254	4.752	5.316	0.715

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	23.96	6.14	0.67	5.69	129.09	0.19	42.22
1 - 2m	23.93	6.13	0.67	5.69	110.24	0.2	42.22
2 - 3m	23.9	6.13	0.7	5.71	109.31	0.23	42.22
3 - 4m	23.89	6.13	0.74	5.78	126.3	0.24	42.22
4 - 5m	23.89	6.13	0.73	5.78	196.57	0.27	42.22
5 - 6m	23.89	6.13	0.77	5.79	214.83	0.36	42.22

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.709	23.97	6.14	0.68	5.73	132.47	0.2	42.22
0.713	23.97	6.14	0.66	5.7	140.29	0.2	42.22
0.715	23.97	6.14	0.66	5.7	127.04	0.2	42.23
0.738	23.97	6.14	0.66	5.69	128.47	0.2	42.22
0.745	23.97	6.14	0.68	5.7	135.01	0.2	42.22
0.756	23.97	6.14	0.68	5.7	137.43	0.2	42.22
0.773	23.97	6.14	0.68	5.69	129.17	0.2	42.22
0.788	23.97	6.14	0.68	5.68	130.74	0.2	42.23
0.814	23.97	6.14	0.68	5.67	128.64	0.2	42.22
0.818	23.97	6.14	0.68	5.68	125.85	0.2	42.23
0.821	23.97	6.14	0.68	5.68	124.02	0.2	42.23
0.824	23.97	6.14	0.66	5.69	124.51	0.18	42.22
0.84	23.97	6.14	0.66	5.69	132.82	0.18	42.22
0.845	23.96	6.14	0.68	5.71	130.34	0.2	42.22
0.846	23.96	6.14	0.68	5.71	128.81	0.2	42.22
0.862	23.96	6.14	0.68	5.71	127.04	0.2	42.22
0.888	23.96	6.14	0.68	5.72	133.19	0.2	42.22
0.892	23.96	6.14	0.68	5.69	128.22	0.2	42.22
0.895	23.96	6.14	0.66	5.69	130.45	0.2	42.22
0.905	23.96	6.14	0.66	5.68	125.44	0.2	42.22
0.914	23.96	6.14	0.66	5.68	126.05	0.2	42.22
0.916	23.96	6.14	0.66	5.68	131.89	0.2	42.22
0.932	23.96	6.14	0.66	5.66	122.75	0.2	42.22
0.943	23.96	6.14	0.66	5.66	128.75	0.2	42.22
0.951	23.95	6.14	0.68	5.66	130.05	0.18	42.22
0.969	23.95	6.14	0.68	5.66	124.13	0.18	42.22
0.981	23.95	6.14	0.68	5.64	125.91	0.2	42.22
0.99	23.94	6.14	0.68	5.65	124.97	0.2	42.22
1.006	23.94	6.14	0.68	5.66	125.72	0.2	42.22
1.022	23.94	6.14	0.66	5.67	120.96	0.2	42.22
1.032	23.94	6.14	0.66	5.68	125.63	0.2	42.22
1.033	23.94	6.14	0.66	5.69	123.05	0.2	42.22
1.034	23.94	6.14	0.66	5.69	126.05	0.2	42.22
1.04	23.94	6.14	0.68	5.69	124.48	0.2	42.22
1.05	23.94	6.14	0.68	5.69	122.67	0.2	42.22
1.057	23.95	6.14	0.66	5.7	124.86	0.2	42.22

1.06	23.95	6.14	0.66	5.69	120.2	0.2	42.22
1.063	23.95	6.14	0.66	5.69	121.73	0.2	42.22
1.077	23.95	6.14	0.66	5.7	121.63	0.2	42.22
1.112	23.94	6.14	0.66	5.69	116.26	0.2	42.22
1.142	23.94	6.13	0.68	5.68	118.01	0.2	42.22
1.154	23.94	6.14	0.68	5.68	120.59	0.2	42.22
1.161	23.94	6.14	0.68	5.67	117.88	0.2	42.23
1.168	23.94	6.14	0.68	5.67	115.83	0.2	42.23
1.185	23.95	6.14	0.68	5.67	116.83	0.2	42.22
1.215	23.95	6.14	0.68	5.67	112.83	0.2	42.22
1.252	23.95	6.14	0.68	5.67	114.75	0.2	42.23
1.289	23.95	6.14	0.68	5.69	117.93	0.2	42.22
1.294	23.95	6.14	0.68	5.69	115.17	0.2	42.22
1.303	23.94	6.14	0.68	5.7	110.68	0.2	42.22
1.321	23.94	6.13	0.66	5.7	111.92	0.21	42.22
1.333	23.94	6.13	0.66	5.7	114.47	0.21	42.22
1.344	23.94	6.13	0.66	5.71	113.85	0.21	42.22
1.362	23.94	6.13	0.66	5.72	110.68	0.21	42.22
1.38	23.94	6.13	0.66	5.73	111.06	0.2	42.22
1.391	23.94	6.13	0.66	5.69	110.6	0.2	42.22
1.402	23.93	6.13	0.68	5.67	109.66	0.18	42.22
1.429	23.93	6.13	0.68	5.66	111.48	0.18	42.22
1.461	23.93	6.13	0.68	5.65	110.19	0.18	42.22
1.485	23.93	6.13	0.68	5.65	107.05	0.18	42.22
1.488	23.93	6.13	0.68	5.66	109.45	0.21	42.22
1.491	23.93	6.13	0.68	5.66	107.05	0.21	42.22
1.502	23.93	6.13	0.68	5.67	111.33	0.21	42.22
1.518	23.93	6.13	0.68	5.68	110.26	0.21	42.22
1.536	23.93	6.13	0.68	5.69	108.28	0.21	42.22
1.553	23.93	6.13	0.68	5.7	108.71	0.21	42.22
1.561	23.92	6.13	0.66	5.7	110.6	0.2	42.22
1.564	23.92	6.13	0.66	5.69	107.38	0.2	42.22
1.576	23.92	6.13	0.66	5.69	107.64	0.2	42.22
1.595	23.92	6.13	0.66	5.68	106.54	0.2	42.22
1.615	23.92	6.13	0.66	5.68	107.45	0.21	42.22
1.628	23.92	6.13	0.66	5.7	105.82	0.21	42.22
1.637	23.92	6.13	0.66	5.67	106.87	0.2	42.22
1.643	23.92	6.13	0.68	5.69	105.1	0.21	42.22
1.648	23.92	6.13	0.68	5.7	107.64	0.21	42.22
1.655	23.92	6.13	0.68	5.7	109.06	0.21	42.22
1.664	23.92	6.13	0.68	5.7	105.63	0.21	42.22
1.674	23.92	6.13	0.68	5.7	105.36	0.21	42.22
1.689	23.92	6.13	0.68	5.69	106.38	0.21	42.22
1.71	23.91	6.13	0.68	5.67	106.98	0.21	42.22
1.725	23.91	6.13	0.68	5.67	104.05	0.21	42.22
1.73	23.91	6.13	0.68	5.66	104.78	0.21	42.22
1.731	23.91	6.13	0.68	5.67	105.03	0.21	42.22
1.736	23.91	6.13	0.68	5.67	102.98	0.21	42.22
1.753	23.91	6.13	0.68	5.67	103.53	0.21	42.22
1.776	23.91	6.13	0.68	5.68	102.13	0.21	42.22
1.785	23.91	6.13	0.68	5.69	103.5	0.21	42.22
1.79	23.91	6.13	0.66	5.68	102.09	0.21	42.22
1.816	23.91	6.13	0.66	5.68	103.37	0.21	42.22
1.832	23.91	6.13	0.68	5.7	104.37	0.2	42.22
1.845	23.91	6.13	0.68	5.71	104.74	0.2	42.22
1.863	23.91	6.13	0.68	5.73	102.18	0.2	42.22
1.874	23.91	6.13	0.68	5.74	103.48	0.2	42.22
1.882	23.91	6.13	0.68	5.75	102.47	0.2	42.22

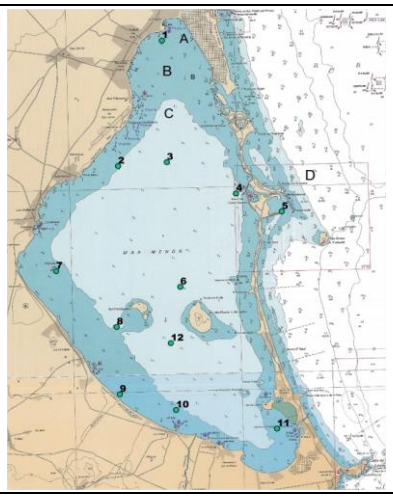
1.888	23.91	6.13	0.68	5.75	102.69	0.21	42.22
1.892	23.91	6.13	0.68	5.76	103.1	0.21	42.22
1.893	23.91	6.13	0.68	5.71	102.69	0.21	42.22
1.907	23.91	6.13	0.68	5.7	103.66	0.21	42.22
1.929	23.91	6.13	0.68	5.69	101.8	0.21	42.22
1.941	23.91	6.13	0.68	5.69	103.26	0.21	42.22
1.943	23.91	6.13	0.68	5.69	106.26	0.2	42.22
1.946	23.91	6.13	0.68	5.68	103.5	0.2	42.22
1.964	23.91	6.13	0.68	5.68	100.56	0.2	42.22
1.99	23.91	6.13	0.68	5.68	103.48	0.2	42.22
2.002	23.91	6.13	0.68	5.69	105.4	0.22	42.22
2.003	23.91	6.13	0.68	5.7	105.01	0.22	42.22
2.026	23.91	6.13	0.68	5.7	102.11	0.22	42.22
2.06	23.91	6.13	0.68	5.69	103.55	0.22	42.22
2.073	23.91	6.13	0.68	5.66	106.82	0.22	42.22
2.076	23.91	6.13	0.7	5.66	106.61	0.23	42.22
2.102	23.91	6.13	0.7	5.66	103.48	0.23	42.22
2.136	23.91	6.13	0.7	5.66	102.54	0.23	42.22
2.141	23.91	6.13	0.68	5.69	104.21	0.21	42.22
2.161	23.91	6.13	0.68	5.69	104.8	0.21	42.22
2.197	23.91	6.13	0.68	5.69	105.82	0.21	42.22
2.217	23.9	6.13	0.7	5.71	105.96	0.21	42.22
2.237	23.9	6.13	0.68	5.72	104.94	0.23	42.22
2.275	23.9	6.13	0.68	5.72	108.56	0.23	42.22
2.278	23.9	6.13	0.68	5.71	106.61	0.22	42.22
2.284	23.9	6.13	0.68	5.69	107.5	0.22	42.22
2.312	23.9	6.13	0.7	5.66	108.52	0.22	42.22
2.332	23.9	6.13	0.7	5.66	107.62	0.22	42.22
2.371	23.9	6.13	0.68	5.71	106.35	0.22	42.22
2.383	23.9	6.13	0.68	5.71	106.7	0.22	42.22
2.416	23.9	6.13	0.68	5.7	108.92	0.22	42.22
2.434	23.9	6.13	0.7	5.69	107.74	0.23	42.22
2.449	23.9	6.13	0.7	5.69	109.33	0.23	42.22
2.482	23.9	6.13	0.7	5.7	108.64	0.23	42.22
2.489	23.9	6.13	0.68	5.72	107.95	0.23	42.22
2.498	23.9	6.13	0.68	5.7	109.3	0.23	42.22
2.521	23.9	6.13	0.7	5.69	110.17	0.23	42.22
2.54	23.9	6.13	0.7	5.67	109.35	0.23	42.22
2.55	23.9	6.13	0.7	5.67	110.14	0.23	42.22
2.568	23.9	6.13	0.7	5.67	110.19	0.23	42.22
2.599	23.9	6.13	0.68	5.68	110.53	0.23	42.22
2.635	23.9	6.13	0.68	5.69	112.41	0.23	42.22
2.64	23.9	6.13	0.68	5.73	110.75	0.22	42.22
2.654	23.9	6.13	0.68	5.74	110.24	0.23	42.22
2.668	23.89	6.13	0.68	5.75	110.14	0.23	42.22
2.673	23.89	6.13	0.7	5.75	111.16	0.23	42.22
2.702	23.89	6.13	0.7	5.74	111.77	0.23	42.22
2.745	23.89	6.13	0.7	5.74	111.7	0.23	42.22
2.762	23.89	6.13	0.73	5.72	113.15	0.22	42.22
2.784	23.89	6.13	0.73	5.71	113.15	0.22	42.22
2.821	23.89	6.13	0.73	5.71	114.0	0.22	42.22
2.849	23.89	6.13	0.7	5.8	114.1	0.23	42.22
2.875	23.89	6.13	0.7	5.81	115.15	0.23	42.22
2.901	23.9	6.13	0.73	5.8	115.17	0.23	42.23
2.917	23.9	6.13	0.73	5.79	115.68	0.23	42.22
2.946	23.9	6.13	0.73	5.78	116.26	0.23	42.22
2.96	23.9	6.13	0.7	5.79	115.17	0.23	42.22
2.961	23.9	6.13	0.7	5.8	113.65	0.23	42.22

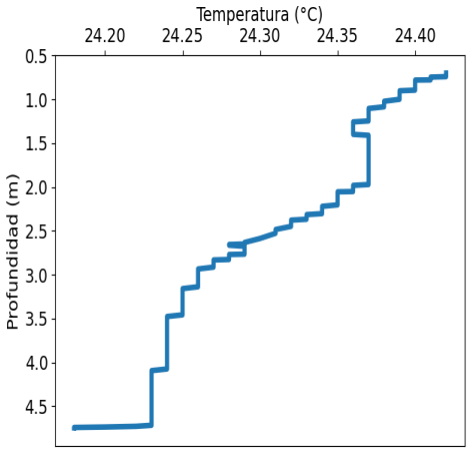
2.987	23.9	6.13	0.7	5.79	117.21	0.23	42.22
3.022	23.9	6.13	0.7	5.78	116.83	0.26	42.22
3.04	23.9	6.13	0.7	5.77	115.07	0.26	42.23
3.044	23.9	6.13	0.7	5.78	115.6	0.26	42.22
3.049	23.9	6.13	0.73	5.78	117.13	0.23	42.22
3.064	23.9	6.13	0.73	5.78	116.49	0.23	42.22
3.066	23.9	6.13	0.73	5.79	115.96	0.23	42.22
3.076	23.9	6.13	0.73	5.79	117.0	0.23	42.23
3.091	23.9	6.13	0.73	5.77	117.44	0.23	42.22
3.096	23.9	6.13	0.73	5.78	115.83	0.23	42.22
3.098	23.9	6.13	0.73	5.78	116.29	0.23	42.22
3.11	23.89	6.13	0.73	5.79	117.06	0.23	42.22
3.125	23.89	6.13	0.73	5.79	117.85	0.23	42.22
3.146	23.89	6.13	0.73	5.8	117.36	0.23	42.22
3.15	23.89	6.13	0.73	5.79	118.16	0.22	42.22
3.16	23.89	6.13	0.73	5.8	117.98	0.22	42.22
3.179	23.89	6.13	0.73	5.79	118.16	0.22	42.22
3.195	23.89	6.13	0.73	5.8	119.07	0.22	42.22
3.201	23.89	6.13	0.73	5.79	117.36	0.23	42.22
3.212	23.89	6.13	0.73	5.78	118.55	0.23	42.22
3.227	23.89	6.13	0.73	5.77	119.67	0.23	42.22
3.246	23.89	6.13	0.73	5.76	120.36	0.23	42.22
3.255	23.89	6.13	0.73	5.75	119.57	0.23	42.22
3.271	23.89	6.13	0.73	5.74	121.2	0.23	42.22
3.301	23.89	6.13	0.73	5.75	120.99	0.23	42.22
3.317	23.89	6.13	0.75	5.78	120.07	0.24	42.22
3.336	23.89	6.13	0.75	5.78	122.08	0.24	42.22
3.365	23.89	6.13	0.75	5.78	124.13	0.24	42.23
3.388	23.89	6.13	0.75	5.78	121.23	0.24	42.23
3.408	23.89	6.13	0.73	5.77	120.59	0.23	42.22
3.417	23.89	6.13	0.73	5.76	123.78	0.23	42.22
3.419	23.89	6.13	0.73	5.77	123.07	0.23	42.22
3.429	23.89	6.13	0.73	5.78	124.02	0.23	42.22
3.451	23.89	6.13	0.73	5.78	125.91	0.23	42.22
3.469	23.89	6.13	1.14	5.81	125.11	0.27	42.22
3.474	23.89	6.13	1.14	5.82	126.82	0.27	42.22
3.495	23.89	6.13	0.73	5.82	125.66	0.23	42.22
3.524	23.89	6.13	0.73	5.8	126.99	0.23	42.22
3.541	23.89	6.13	0.73	5.77	125.74	0.26	42.23
3.545	23.89	6.13	0.73	5.77	129.15	0.26	42.22
3.56	23.89	6.13	0.73	5.78	128.41	0.26	42.22
3.58	23.89	6.13	0.73	5.78	128.1	0.26	42.22
3.598	23.89	6.13	0.73	5.78	129.94	0.24	42.22
3.606	23.89	6.13	0.73	5.77	131.43	0.24	42.22
3.615	23.89	6.13	0.73	5.78	129.37	0.24	42.22
3.623	23.89	6.13	0.73	5.78	129.49	0.24	42.22
3.625	23.89	6.13	0.73	5.78	130.54	0.24	42.22
3.626	23.89	6.13	0.73	5.8	133.66	0.24	42.22
3.631	23.89	6.13	0.73	5.81	130.37	0.24	42.22
3.644	23.89	6.13	0.73	5.81	131.0	0.24	42.22
3.658	23.89	6.13	0.73	5.8	132.93	0.24	42.22
3.659	23.89	6.13	0.73	5.79	131.69	0.24	42.22
3.661	23.89	6.13	0.73	5.79	134.37	0.24	42.22
3.669	23.89	6.13	0.73	5.79	134.6	0.24	42.22
3.677	23.89	6.13	0.73	5.79	134.54	0.24	42.22
3.691	23.89	6.13	0.73	5.79	133.31	0.26	42.22
3.721	23.89	6.13	0.73	5.79	134.04	0.26	42.22
3.75	23.89	6.13	0.73	5.79	137.58	0.26	42.22

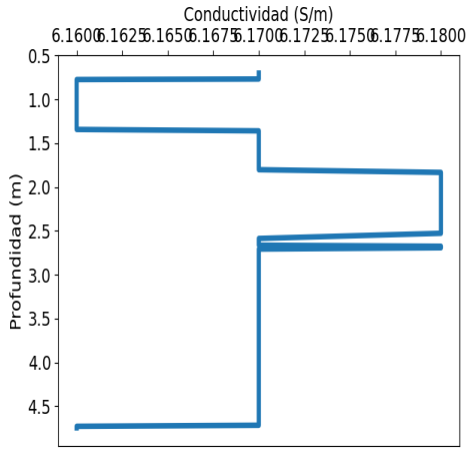
3.772	23.89	6.13	0.73	5.78	139.06	0.26	42.22
3.801	23.89	6.13	0.73	5.78	137.76	0.26	42.22
3.843	23.89	6.13	0.73	5.77	140.04	0.27	42.22
3.885	23.89	6.13	0.73	5.77	140.47	0.27	42.22
3.911	23.89	6.13	0.73	5.77	138.88	0.27	42.22
3.927	23.89	6.13	0.73	5.77	145.0	0.27	42.22
3.948	23.89	6.13	0.73	5.77	151.0	0.26	42.22
3.981	23.89	6.13	0.73	5.77	150.86	0.26	42.22
4.025	23.89	6.13	0.73	5.78	146.95	0.26	42.22
4.071	23.89	6.13	0.73	5.8	155.42	0.26	42.22
4.115	23.89	6.13	0.73	5.81	151.86	0.26	42.22
4.156	23.89	6.13	0.73	5.8	151.43	0.27	42.22
4.196	23.89	6.13	0.73	5.81	155.29	0.27	42.22
4.231	23.89	6.13	0.73	5.82	158.24	0.27	42.22
4.254	23.89	6.13	0.73	5.83	153.93	0.27	42.22
4.27	23.89	6.13	0.73	5.82	158.72	0.26	42.22
4.291	23.89	6.13	0.73	5.8	158.97	0.26	42.22
4.307	23.89	6.13	0.73	5.79	158.07	0.26	42.22
4.318	23.89	6.13	0.73	5.79	161.39	0.26	42.22
4.329	23.89	6.13	0.75	5.79	159.39	0.27	42.22
4.338	23.89	6.13	0.75	5.81	159.98	0.27	42.22
4.359	23.89	6.13	0.75	5.8	163.06	0.27	42.22
4.408	23.89	6.13	0.75	5.8	170.99	0.27	42.22
4.444	23.89	6.13	0.75	5.79	164.92	0.27	42.22
4.462	23.89	6.13	0.7	5.82	170.62	0.26	42.22
4.477	23.89	6.13	0.7	5.78	172.08	0.26	42.22
4.482	23.89	6.13	0.75	5.76	188.98	0.27	42.22
4.491	23.89	6.13	0.75	5.75	187.91	0.27	42.22
4.501	23.89	6.13	0.75	5.73	185.13	0.27	42.22
4.505	23.89	6.13	0.75	5.72	196.1	0.27	42.22
4.516	23.89	6.13	0.73	5.72	209.05	0.26	42.22
4.534	23.89	6.13	0.73	5.72	187.05	0.26	42.22
4.535	23.89	6.13	0.7	5.73	206.05	0.27	42.22
4.549	23.89	6.13	0.7	5.73	214.05	0.27	42.22
4.577	23.89	6.13	0.7	5.74	207.14	0.27	42.22
4.583	23.89	6.13	0.73	5.77	241.44	0.27	42.22
4.592	23.89	6.13	0.73	5.77	218.55	0.27	42.22
4.616	23.89	6.13	0.73	5.77	232.26	0.27	42.22
4.633	23.89	6.13	0.73	5.78	234.25	0.26	42.22
4.649	23.89	6.13	0.73	5.78	214.14	0.27	42.22
4.678	23.89	6.13	0.73	5.75	206.73	0.29	42.22
4.703	23.89	6.13	0.73	5.76	195.85	0.29	42.22
4.729	23.89	6.13	0.73	5.77	214.85	0.27	42.22
4.752	23.89	6.13	0.73	5.77	243.78	0.27	42.22
4.779	23.89	6.13	0.73	5.78	224.91	0.27	42.22
4.78	23.89	6.13	0.73	5.78	216.55	0.27	42.23
4.805	23.89	6.13	0.73	5.79	237.14	0.28	42.22
4.82	23.89	6.13	0.75	5.79	234.66	0.26	42.22
4.83	23.89	6.13	0.75	5.8	204.84	0.26	42.22
4.857	23.89	6.13	0.75	5.8	224.46	0.26	42.23
4.876	23.89	6.13	0.73	5.79	229.23	0.26	42.22
4.889	23.89	6.13	0.73	5.8	219.27	0.26	42.22
4.915	23.89	6.13	0.73	5.79	226.14	0.26	42.22
4.936	23.89	6.13	0.75	5.8	231.45	0.28	42.22
4.943	23.89	6.13	0.73	5.8	241.17	0.3	42.22
4.955	23.89	6.13	0.73	5.8	229.53	0.3	42.22
4.973	23.89	6.13	0.73	5.8	209.51	0.3	42.22
4.983	23.89	6.13	0.73	5.8	206.46	0.3	42.22

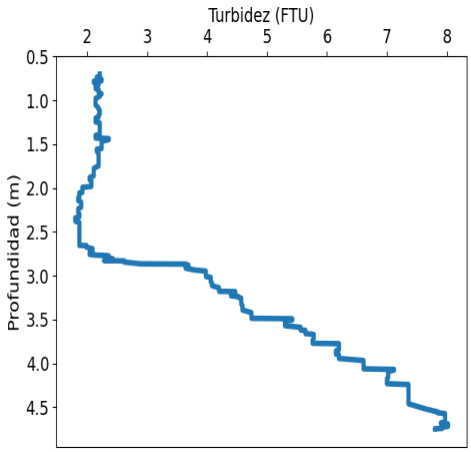
4.988	23.89	6.13	0.73	5.79	213.86	0.3	42.22
4.996	23.89	6.13	0.73	5.79	217.88	0.29	42.22
5.005	23.89	6.13	0.73	5.79	206.14	0.29	42.22
5.021	23.89	6.13	0.73	5.81	213.63	0.29	42.22
5.04	23.89	6.13	0.73	5.8	223.34	0.29	42.22
5.057	23.89	6.13	0.75	5.81	215.27	0.3	42.22
5.063	23.89	6.13	0.75	5.81	228.93	0.3	42.22
5.066	23.89	6.13	0.75	5.83	242.87	0.3	42.22
5.074	23.89	6.13	0.75	5.83	236.94	0.3	42.22
5.091	23.89	6.13	0.75	5.83	214.38	0.28	42.22
5.108	23.89	6.13	0.75	5.82	225.3	0.28	42.22
5.127	23.89	6.13	0.75	5.82	218.69	0.28	42.22
5.138	23.89	6.13	0.75	5.8	198.18	0.28	42.22
5.143	23.89	6.13	0.75	5.78	222.9	0.28	42.22
5.157	23.89	6.13	0.73	5.77	215.08	0.3	42.22
5.17	23.89	6.13	0.73	5.75	217.02	0.3	42.22
5.188	23.89	6.13	0.73	5.75	211.4	0.3	42.22
5.206	23.89	6.13	0.73	5.75	200.53	0.3	42.22
5.209	23.89	6.13	0.78	5.75	193.5	0.35	42.22
5.213	23.89	6.13	0.78	5.75	191.14	0.35	42.22
5.233	23.89	6.13	0.78	5.76	209.05	0.35	42.22
5.255	23.89	6.13	0.78	5.76	222.22	0.35	42.22
5.261	23.89	6.13	0.83	5.79	201.76	0.46	42.23
5.282	23.89	6.13	0.83	5.8	218.88	0.46	42.23
5.305	23.89	6.13	0.83	5.81	202.3	0.46	42.23
5.313	23.89	6.13	0.83	5.81	186.64	0.46	42.23
5.315	23.89	6.13	0.83	5.82	217.69	0.46	42.22
5.316	23.89	6.13	0.83	5.81	237.14	0.51	42.22
5.317	23.89	6.13	0.83	5.8	227.98	0.51	42.22
5.318	23.89	6.13	0.83	5.79	216.26	0.51	42.22

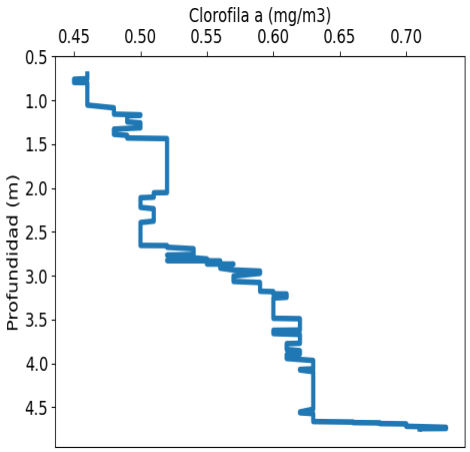
Nombre: CTD E03 - Punto 003 **Fecha: 05/06/2023** **Hora: 08:06:27**

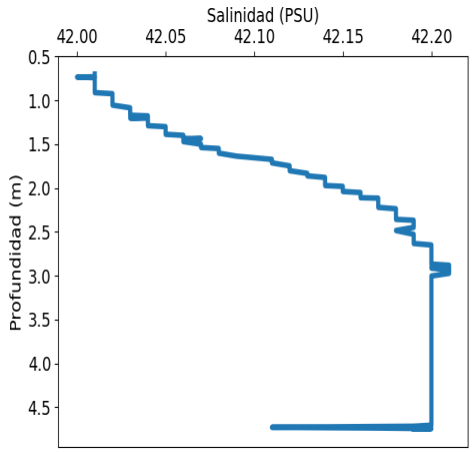


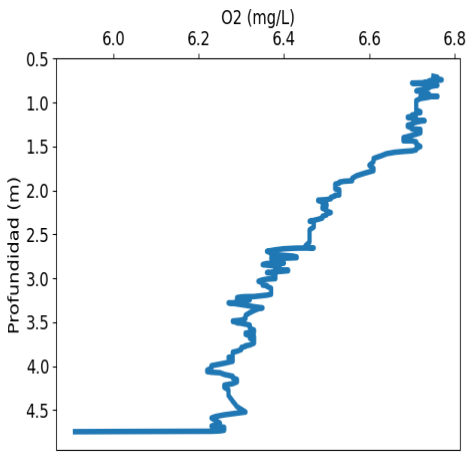


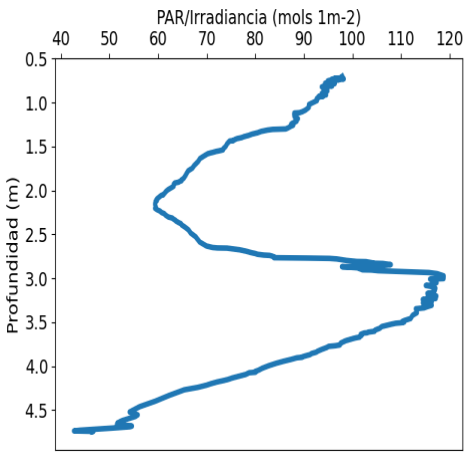












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	24.18	6.16	1.8	5.91	42.68	0.45	42.0
PROF (metros)	4.74	0.774	2.34	4.745	4.736	0.759	0.735
MÁXIMO	24.42	24.42	8.02	6.77	118.76	0.73	42.21
PROF (metros)	0.701	1.833	4.689	0.741	2.972	4.728	2.864

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	24.4	6.16	2.19	6.74	94.85	0.46	42.01
1 - 2m	24.37	6.17	2.17	6.66	77.68	0.5	42.07
2 - 3m	24.31	6.18	2.22	6.44	77.22	0.53	42.19
3 - 4m	24.25	6.17	5.08	6.32	107.19	0.61	42.2
4 - 5m	24.23	6.17	7.56	6.24	60.07	0.66	42.2

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	24.42	6.17	2.21	6.75	97.88	0.46	42.01
0.712	24.42	6.17	2.21	6.76	97.97	0.46	42.01
0.719	24.42	6.17	2.21	6.76	97.65	0.46	42.01
0.726	24.42	6.17	2.21	6.76	96.16	0.46	42.01
0.731	24.42	6.17	2.21	6.76	98.21	0.46	42.01
0.735	24.42	6.17	2.16	6.76	95.68	0.46	42.0
0.741	24.42	6.17	2.16	6.77	97.22	0.46	42.01
0.746	24.41	6.17	2.16	6.76	96.25	0.46	42.01
0.753	24.41	6.17	2.16	6.74	94.89	0.46	42.01
0.759	24.41	6.17	2.24	6.75	95.76	0.45	42.01
0.768	24.41	6.17	2.24	6.73	95.35	0.45	42.01
0.774	24.41	6.16	2.24	6.73	96.31	0.45	42.01
0.776	24.41	6.16	2.24	6.71	94.72	0.45	42.01
0.778	24.41	6.16	2.24	6.7	95.01	0.45	42.01
0.78	24.4	6.16	2.11	6.72	94.33	0.45	42.01
0.784	24.4	6.16	2.11	6.74	96.35	0.45	42.01
0.791	24.4	6.16	2.11	6.75	94.54	0.45	42.01
0.796	24.4	6.16	2.11	6.74	95.83	0.45	42.01
0.798	24.4	6.16	2.19	6.75	95.3	0.46	42.01
0.803	24.4	6.16	2.19	6.76	95.16	0.46	42.01
0.811	24.4	6.16	2.19	6.75	95.83	0.46	42.01
0.821	24.4	6.16	2.19	6.74	93.65	0.46	42.01
0.832	24.4	6.16	2.14	6.74	94.74	0.46	42.01
0.843	24.4	6.16	2.14	6.73	94.0	0.46	42.01
0.855	24.4	6.16	2.14	6.72	94.27	0.46	42.01
0.867	24.4	6.16	2.14	6.71	94.85	0.46	42.01
0.877	24.4	6.16	2.19	6.73	94.33	0.46	42.01
0.888	24.4	6.16	2.19	6.73	94.04	0.46	42.01
0.895	24.4	6.16	2.19	6.73	93.65	0.46	42.01
0.902	24.39	6.16	2.19	6.74	93.98	0.46	42.01
0.912	24.39	6.16	2.19	6.74	94.58	0.46	42.01
0.924	24.39	6.16	2.24	6.72	93.28	0.46	42.02
0.926	24.39	6.16	2.24	6.74	93.3	0.46	42.02
0.927	24.39	6.16	2.24	6.76	93.49	0.46	42.02
0.931	24.39	6.16	2.21	6.76	93.04	0.46	42.02
0.932	24.39	6.16	2.21	6.76	93.9	0.46	42.02
0.933	24.39	6.16	2.21	6.74	93.06	0.46	42.02

0.938	24.39	6.16	2.21	6.74	93.14	0.46	42.02
0.954	24.39	6.16	2.21	6.72	92.63	0.46	42.02
0.977	24.39	6.16	2.14	6.71	92.69	0.46	42.02
0.999	24.39	6.16	2.14	6.71	91.88	0.46	42.02
1.022	24.38	6.16	2.14	6.71	91.02	0.46	42.02
1.054	24.38	6.16	2.14	6.71	91.02	0.46	42.02
1.085	24.38	6.16	2.19	6.71	90.33	0.48	42.03
1.104	24.37	6.16	2.19	6.72	89.66	0.48	42.03
1.115	24.37	6.16	2.21	6.72	89.07	0.48	42.03
1.119	24.37	6.16	2.21	6.71	88.0	0.48	42.03
1.129	24.37	6.16	2.21	6.71	88.53	0.48	42.03
1.142	24.37	6.16	2.21	6.7	87.99	0.48	42.03
1.157	24.37	6.16	2.21	6.7	88.04	0.48	42.03
1.164	24.37	6.16	2.19	6.69	88.12	0.5	42.03
1.165	24.37	6.16	2.19	6.69	88.22	0.5	42.03
1.17	24.37	6.16	2.19	6.69	88.45	0.5	42.03
1.177	24.37	6.16	2.19	6.71	88.33	0.49	42.04
1.183	24.37	6.16	2.19	6.71	88.78	0.49	42.04
1.193	24.37	6.16	2.19	6.71	88.58	0.49	42.04
1.202	24.37	6.16	2.14	6.71	88.47	0.49	42.03
1.203	24.37	6.16	2.14	6.72	88.28	0.49	42.04
1.206	24.37	6.16	2.14	6.73	88.41	0.49	42.04
1.212	24.37	6.16	2.14	6.72	88.49	0.49	42.04
1.223	24.37	6.16	2.16	6.71	88.08	0.49	42.04
1.238	24.37	6.16	2.14	6.7	87.52	0.49	42.04
1.246	24.37	6.16	2.14	6.7	87.35	0.49	42.04
1.257	24.36	6.16	2.21	6.69	87.81	0.5	42.04
1.271	24.36	6.16	2.21	6.69	87.26	0.5	42.04
1.289	24.36	6.16	2.21	6.7	86.7	0.5	42.04
1.3	24.36	6.16	2.21	6.7	86.25	0.5	42.05
1.305	24.36	6.16	2.21	6.72	83.54	0.5	42.05
1.313	24.36	6.16	2.21	6.72	82.48	0.5	42.05
1.328	24.36	6.16	2.21	6.72	81.19	0.48	42.05
1.343	24.36	6.16	2.21	6.72	80.47	0.48	42.05
1.359	24.36	6.17	2.21	6.71	79.3	0.48	42.05
1.373	24.36	6.17	2.21	6.7	78.64	0.48	42.05
1.387	24.36	6.17	2.21	6.69	77.7	0.48	42.05
1.399	24.36	6.17	2.14	6.68	77.14	0.49	42.06
1.41	24.37	6.17	2.14	6.68	76.22	0.49	42.06
1.42	24.37	6.17	2.14	6.68	75.8	0.49	42.06
1.429	24.37	6.17	2.14	6.68	75.48	0.49	42.06
1.435	24.37	6.17	2.36	6.68	75.44	0.52	42.06
1.436	24.37	6.17	2.36	6.7	74.76	0.52	42.07
1.447	24.37	6.17	2.36	6.71	74.53	0.52	42.06
1.47	24.37	6.17	2.24	6.71	74.19	0.52	42.06
1.5	24.37	6.17	2.24	6.72	73.87	0.52	42.07
1.523	24.37	6.17	2.24	6.71	73.45	0.52	42.07
1.538	24.37	6.17	2.24	6.71	73.35	0.52	42.07
1.549	24.37	6.17	2.24	6.7	72.54	0.52	42.08
1.556	24.37	6.17	2.16	6.68	71.9	0.52	42.08
1.565	24.37	6.17	2.16	6.66	71.36	0.52	42.08
1.573	24.37	6.17	2.16	6.65	70.76	0.52	42.08
1.582	24.37	6.17	2.16	6.64	70.21	0.52	42.08
1.602	24.37	6.17	2.19	6.63	69.6	0.52	42.08
1.636	24.37	6.17	2.19	6.61	68.63	0.52	42.09
1.673	24.37	6.17	2.19	6.61	68.19	0.52	42.11
1.713	24.37	6.17	2.19	6.6	67.47	0.52	42.11
1.747	24.37	6.17	2.19	6.61	67.02	0.52	42.12

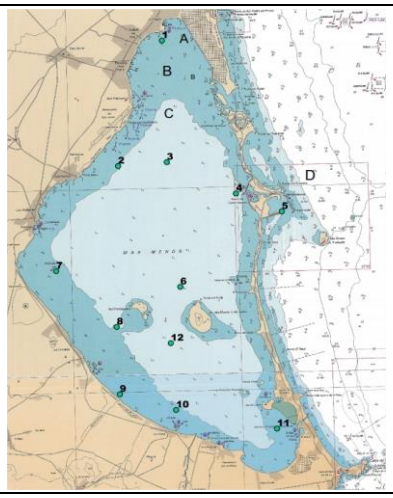
1.775	24.37	6.17	2.11	6.61	66.21	0.52	42.12
1.802	24.37	6.17	2.11	6.59	65.9	0.52	42.12
1.833	24.37	6.18	2.11	6.57	65.6	0.52	42.13
1.861	24.37	6.18	2.11	6.56	65.26	0.52	42.13
1.879	24.37	6.18	2.04	6.56	64.83	0.52	42.14
1.889	24.37	6.18	2.04	6.56	64.82	0.52	42.14
1.896	24.37	6.18	2.04	6.54	64.45	0.52	42.14
1.905	24.37	6.18	2.04	6.53	64.25	0.52	42.14
1.915	24.37	6.18	2.07	6.53	63.41	0.52	42.14
1.928	24.37	6.18	2.07	6.52	63.21	0.52	42.14
1.952	24.37	6.18	2.07	6.52	63.21	0.52	42.14
1.971	24.37	6.18	2.07	6.52	62.63	0.52	42.14
1.981	24.36	6.18	2.07	6.52	62.31	0.52	42.15
1.992	24.36	6.18	1.92	6.53	62.01	0.52	42.15
2.013	24.36	6.18	1.92	6.53	61.59	0.52	42.15
2.039	24.36	6.18	1.92	6.53	61.2	0.52	42.15
2.051	24.36	6.18	1.92	6.53	61.04	0.52	42.16
2.054	24.35	6.18	1.87	6.52	60.7	0.51	42.16
2.062	24.35	6.18	1.87	6.52	60.51	0.51	42.16
2.078	24.35	6.18	1.87	6.51	60.17	0.51	42.16
2.094	24.35	6.18	1.87	6.51	59.8	0.51	42.16
2.104	24.35	6.18	1.87	6.5	59.68	0.51	42.16
2.11	24.35	6.18	1.85	6.48	59.59	0.5	42.16
2.115	24.35	6.18	1.85	6.48	59.77	0.5	42.17
2.128	24.35	6.18	1.85	6.49	59.47	0.5	42.17
2.144	24.35	6.18	1.85	6.49	59.4	0.5	42.17
2.159	24.35	6.18	1.9	6.5	59.37	0.5	42.17
2.176	24.35	6.18	1.9	6.5	59.47	0.5	42.17
2.191	24.35	6.18	1.9	6.49	59.55	0.5	42.17
2.203	24.35	6.18	1.9	6.49	59.36	0.5	42.17
2.22	24.34	6.18	1.9	6.5	59.83	0.5	42.17
2.236	24.34	6.18	1.85	6.5	60.44	0.51	42.18
2.251	24.34	6.18	1.85	6.51	60.7	0.51	42.18
2.263	24.34	6.18	1.85	6.5	61.26	0.51	42.18
2.278	24.34	6.18	1.85	6.5	61.49	0.51	42.18
2.294	24.34	6.18	1.87	6.49	61.89	0.51	42.18
2.303	24.34	6.18	1.87	6.49	62.16	0.51	42.18
2.314	24.33	6.18	1.87	6.49	62.92	0.51	42.18
2.328	24.33	6.18	1.87	6.48	63.22	0.51	42.18
2.34	24.33	6.18	1.8	6.47	63.59	0.51	42.18
2.35	24.33	6.18	1.8	6.46	63.71	0.51	42.18
2.357	24.33	6.18	1.8	6.47	63.98	0.51	42.18
2.367	24.33	6.18	1.8	6.47	64.27	0.51	42.19
2.377	24.32	6.18	1.8	6.47	64.69	0.51	42.19
2.393	24.32	6.18	1.87	6.47	64.87	0.5	42.19
2.416	24.32	6.18	1.87	6.47	65.5	0.5	42.19
2.448	24.32	6.18	1.87	6.46	66.24	0.5	42.19
2.484	24.31	6.18	1.87	6.46	66.7	0.5	42.18
2.527	24.31	6.18	1.87	6.46	67.72	0.5	42.19
2.586	24.3	6.17	1.87	6.46	68.55	0.5	42.19
2.632	24.29	6.17	1.87	6.45	69.95	0.5	42.19
2.649	24.29	6.17	1.87	6.46	71.2	0.5	42.2
2.654	24.28	6.17	1.87	6.47	72.2	0.5	42.2
2.655	24.28	6.17	1.99	6.46	73.05	0.52	42.2
2.656	24.28	6.17	1.99	6.43	74.18	0.52	42.2
2.663	24.28	6.17	1.99	6.4	75.2	0.52	42.2
2.675	24.29	6.18	1.99	6.38	76.77	0.52	42.2
2.692	24.29	6.18	2.09	6.36	78.18	0.54	42.2

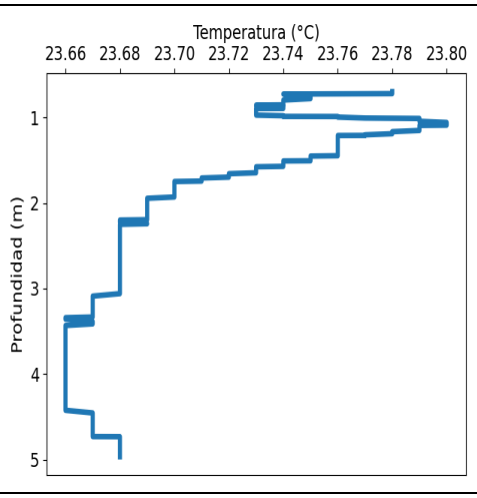
2.707	24.29	6.17	2.09	6.37	79.12	0.54	42.2
2.718	24.29	6.17	2.09	6.37	80.03	0.54	42.2
2.726	24.29	6.17	2.09	6.37	80.43	0.54	42.2
2.731	24.29	6.17	2.04	6.37	81.12	0.54	42.2
2.735	24.29	6.17	2.04	6.39	81.71	0.54	42.2
2.739	24.29	6.17	2.04	6.4	82.94	0.54	42.2
2.746	24.29	6.17	2.04	6.42	83.41	0.54	42.2
2.757	24.29	6.17	2.04	6.43	83.92	0.54	42.2
2.765	24.29	6.17	2.16	6.43	83.83	0.52	42.2
2.769	24.28	6.17	2.31	6.41	90.64	0.54	42.2
2.773	24.28	6.17	2.36	6.37	95.26	0.54	42.2
2.779	24.28	6.17	2.36	6.38	96.76	0.54	42.2
2.796	24.28	6.17	2.36	6.38	98.72	0.54	42.2
2.808	24.28	6.17	2.43	6.38	100.87	0.55	42.2
2.81	24.28	6.17	2.43	6.38	102.76	0.55	42.2
2.825	24.28	6.17	2.43	6.37	104.23	0.55	42.2
2.826	24.28	6.17	2.28	6.4	102.98	0.52	42.2
2.831	24.27	6.17	2.62	6.36	106.24	0.56	42.2
2.844	24.27	6.17	2.62	6.35	107.88	0.56	42.2
2.864	24.27	6.17	2.89	6.39	104.62	0.56	42.2
2.865	24.27	6.17	3.18	6.39	102.85	0.55	42.2
2.867	24.27	6.17	3.64	6.39	97.8	0.57	42.2
2.88	24.27	6.17	3.69	6.38	100.98	0.56	42.21
2.903	24.27	6.17	3.69	6.38	102.06	0.56	42.21
2.905	24.27	6.17	3.64	6.41	103.87	0.56	42.2
2.913	24.27	6.17	3.64	6.41	105.26	0.56	42.2
2.934	24.26	6.17	3.79	6.36	115.71	0.57	42.21
2.947	24.26	6.17	3.98	6.38	117.42	0.59	42.21
2.972	24.26	6.17	3.98	6.38	118.76	0.59	42.21
3.003	24.26	6.17	3.98	6.38	118.73	0.57	42.2
3.009	24.26	6.17	3.98	6.36	115.93	0.57	42.2
3.017	24.26	6.17	4.06	6.35	116.83	0.57	42.2
3.033	24.26	6.17	4.06	6.34	116.6	0.57	42.2
3.049	24.26	6.17	4.06	6.35	117.31	0.57	42.2
3.065	24.26	6.17	4.06	6.35	116.34	0.57	42.2
3.077	24.26	6.17	4.08	6.35	116.19	0.59	42.2
3.08	24.26	6.17	4.08	6.36	115.63	0.59	42.2
3.081	24.26	6.17	4.08	6.36	115.05	0.59	42.2
3.092	24.26	6.17	4.08	6.36	116.14	0.59	42.2
3.112	24.26	6.17	4.08	6.37	117.06	0.59	42.2
3.137	24.26	6.17	4.2	6.37	116.93	0.59	42.2
3.158	24.25	6.17	4.2	6.37	116.7	0.59	42.2
3.172	24.25	6.17	4.2	6.37	115.38	0.59	42.2
3.177	24.25	6.17	4.2	6.37	115.81	0.59	42.2
3.181	24.25	6.17	4.47	6.37	116.21	0.6	42.2
3.191	24.25	6.17	4.47	6.36	116.7	0.6	42.2
3.201	24.25	6.17	4.47	6.34	117.26	0.6	42.2
3.207	24.25	6.17	4.47	6.33	117.18	0.6	42.2
3.208	24.25	6.17	4.4	6.31	115.5	0.61	42.2
3.211	24.25	6.17	4.4	6.3	115.43	0.61	42.2
3.219	24.25	6.17	4.4	6.29	116.31	0.61	42.2
3.229	24.25	6.17	4.4	6.29	117.13	0.61	42.2
3.237	24.25	6.17	4.52	6.29	116.09	0.61	42.2
3.241	24.25	6.17	4.52	6.32	114.42	0.61	42.2
3.245	24.25	6.17	4.52	6.32	115.05	0.61	42.2
3.254	24.25	6.17	4.57	6.3	115.91	0.6	42.2
3.266	24.25	6.17	4.57	6.29	116.31	0.6	42.2
3.275	24.25	6.17	4.57	6.29	115.96	0.6	42.2

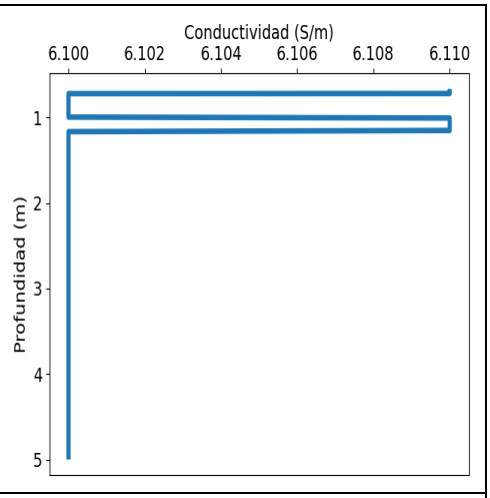
3.278	24.25	6.17	4.57	6.28	115.05	0.6	42.2
3.279	24.25	6.17	4.57	6.27	114.45	0.6	42.2
3.284	24.25	6.17	4.57	6.28	114.5	0.6	42.2
3.291	24.25	6.17	4.57	6.29	115.63	0.6	42.2
3.306	24.25	6.17	4.57	6.31	116.31	0.6	42.2
3.323	24.25	6.17	4.57	6.33	115.33	0.6	42.2
3.336	24.25	6.17	4.59	6.35	114.72	0.6	42.2
3.346	24.25	6.17	4.59	6.34	113.0	0.6	42.2
3.366	24.25	6.17	4.59	6.33	113.13	0.6	42.2
3.391	24.25	6.17	4.59	6.32	113.25	0.6	42.2
3.42	24.25	6.17	4.74	6.31	112.36	0.6	42.2
3.457	24.25	6.17	4.74	6.31	111.94	0.6	42.2
3.476	24.24	6.17	4.74	6.3	110.87	0.6	42.2
3.48	24.24	6.17	4.74	6.29	110.65	0.6	42.2
3.485	24.24	6.17	4.74	6.28	110.48	0.6	42.2
3.49	24.24	6.17	5.42	6.28	110.24	0.62	42.2
3.498	24.24	6.17	5.42	6.29	110.63	0.62	42.2
3.504	24.24	6.17	5.42	6.29	110.17	0.62	42.2
3.506	24.24	6.17	5.42	6.29	109.88	0.62	42.2
3.511	24.24	6.17	5.3	6.3	108.87	0.62	42.2
3.522	24.24	6.17	5.3	6.31	107.95	0.62	42.2
3.532	24.24	6.17	5.3	6.32	107.24	0.62	42.2
3.548	24.24	6.17	5.3	6.32	106.03	0.62	42.2
3.569	24.24	6.17	5.3	6.32	105.56	0.62	42.2
3.588	24.24	6.17	5.56	6.33	104.67	0.62	42.2
3.602	24.24	6.17	5.56	6.33	104.53	0.62	42.2
3.612	24.24	6.17	5.56	6.33	103.23	0.62	42.2
3.619	24.24	6.17	5.56	6.32	103.03	0.62	42.2
3.622	24.24	6.17	5.64	6.31	102.38	0.6	42.2
3.637	24.24	6.17	5.64	6.31	101.66	0.6	42.2
3.65	24.24	6.17	5.64	6.32	101.86	0.6	42.2
3.659	24.24	6.17	5.64	6.33	101.55	0.6	42.2
3.669	24.24	6.17	5.78	6.33	101.46	0.62	42.2
3.674	24.24	6.17	5.78	6.33	100.91	0.62	42.2
3.682	24.24	6.17	5.78	6.32	100.29	0.62	42.2
3.692	24.24	6.17	5.78	6.33	99.7	0.62	42.2
3.71	24.24	6.17	5.78	6.33	98.57	0.62	42.2
3.737	24.24	6.17	5.76	6.33	97.56	0.62	42.2
3.758	24.24	6.17	5.76	6.32	97.39	0.62	42.2
3.767	24.24	6.17	5.76	6.31	96.4	0.62	42.2
3.77	24.24	6.17	5.76	6.31	95.91	0.62	42.2
3.774	24.24	6.17	6.2	6.31	95.08	0.61	42.2
3.787	24.24	6.17	6.2	6.3	94.68	0.61	42.2
3.81	24.24	6.17	6.2	6.3	93.59	0.61	42.2
3.829	24.24	6.17	6.2	6.29	92.81	0.61	42.2
3.84	24.24	6.17	6.2	6.28	92.53	0.61	42.2
3.855	24.24	6.17	6.15	6.28	91.58	0.62	42.2
3.868	24.24	6.17	6.15	6.28	91.24	0.62	42.2
3.881	24.24	6.17	6.15	6.28	90.37	0.62	42.2
3.893	24.24	6.17	6.15	6.28	89.66	0.62	42.2
3.898	24.24	6.17	6.2	6.27	89.62	0.61	42.2
3.904	24.24	6.17	6.2	6.27	88.53	0.61	42.2
3.922	24.24	6.17	6.2	6.28	87.37	0.61	42.2
3.943	24.24	6.17	6.2	6.28	85.82	0.61	42.2
3.966	24.24	6.17	6.61	6.26	84.31	0.63	42.2
3.994	24.24	6.17	6.61	6.23	82.76	0.63	42.2
4.022	24.24	6.17	6.61	6.23	81.46	0.63	42.2
4.045	24.24	6.17	6.61	6.22	80.66	0.63	42.2

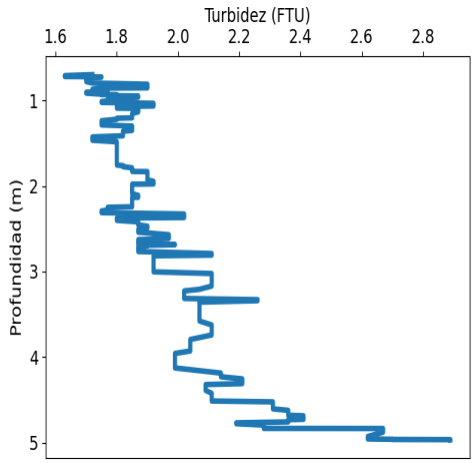
4.061	24.24	6.17	6.61	6.22	79.89	0.63	42.2
4.068	24.24	6.17	7.12	6.23	80.05	0.62	42.2
4.074	24.24	6.17	7.12	6.25	78.73	0.62	42.2
4.093	24.23	6.17	7.02	6.26	78.04	0.63	42.2
4.114	24.23	6.17	7.02	6.28	76.63	0.63	42.2
4.133	24.23	6.17	7.02	6.28	75.29	0.63	42.2
4.15	24.23	6.17	7.02	6.29	74.39	0.63	42.2
4.163	24.23	6.17	7.02	6.29	73.45	0.63	42.2
4.178	24.23	6.17	7.0	6.29	72.2	0.63	42.2
4.198	24.23	6.17	7.0	6.28	70.9	0.63	42.2
4.215	24.23	6.17	7.0	6.26	69.98	0.63	42.2
4.23	24.23	6.17	7.0	6.26	68.9	0.63	42.2
4.24	24.23	6.17	7.36	6.26	68.19	0.63	42.2
4.268	24.23	6.17	7.36	6.27	65.39	0.63	42.2
4.332	24.23	6.17	7.36	6.27	62.27	0.63	42.2
4.398	24.23	6.17	7.36	6.28	59.4	0.63	42.2
4.46	24.23	6.17	7.36	6.29	56.21	0.63	42.2
4.521	24.23	6.17	7.66	6.31	54.13	0.63	42.2
4.553	24.23	6.17	7.85	6.26	55.82	0.62	42.2
4.562	24.23	6.17	7.85	6.25	55.56	0.62	42.2
4.572	24.23	6.17	7.97	6.24	55.3	0.63	42.2
4.589	24.23	6.17	7.97	6.23	54.31	0.63	42.2
4.619	24.23	6.17	7.97	6.24	52.59	0.63	42.2
4.646	24.23	6.17	7.97	6.25	51.62	0.63	42.2
4.662	24.23	6.17	7.97	6.25	51.52	0.63	42.2
4.667	24.23	6.17	7.95	6.24	52.0	0.66	42.2
4.668	24.23	6.17	7.95	6.24	52.66	0.66	42.2
4.672	24.23	6.17	7.95	6.24	53.34	0.66	42.2
4.674	24.23	6.17	7.95	6.25	53.91	0.66	42.2
4.676	24.23	6.17	7.9	6.24	54.19	0.68	42.2
4.677	24.23	6.17	7.9	6.24	54.39	0.68	42.2
4.679	24.23	6.17	7.9	6.24	54.58	0.68	42.2
4.681	24.23	6.17	7.9	6.23	54.63	0.68	42.2
4.685	24.23	6.17	7.9	6.24	54.44	0.68	42.2
4.689	24.23	6.17	8.02	6.25	54.11	0.7	42.2
4.695	24.23	6.17	8.02	6.26	52.72	0.7	42.2
4.704	24.23	6.17	8.02	6.26	50.47	0.7	42.2
4.716	24.23	6.17	8.02	6.25	47.23	0.7	42.19
4.728	24.22	6.16	7.92	6.26	43.93	0.73	42.11
4.736	24.2	6.16	7.92	6.25	42.68	0.73	42.17
4.74	24.18	6.16	7.92	6.23	45.37	0.73	42.19
4.741	24.18	6.16	7.92	6.14	46.7	0.73	42.19
4.743	24.18	6.16	7.8	6.01	46.53	0.71	42.2
4.745	24.18	6.16	7.8	5.91	46.4	0.71	42.19

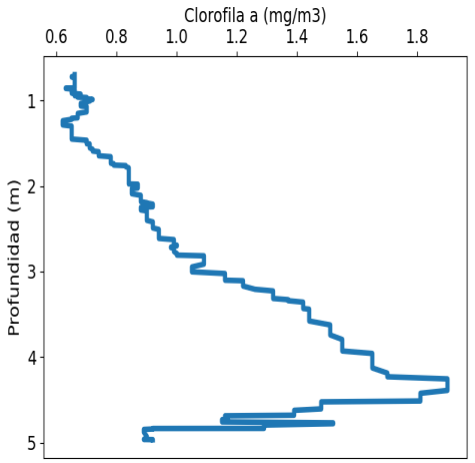
Nombre: CTD E04 - Punto 004 **Fecha: 05/06/2023** **Hora: 08:06:49**

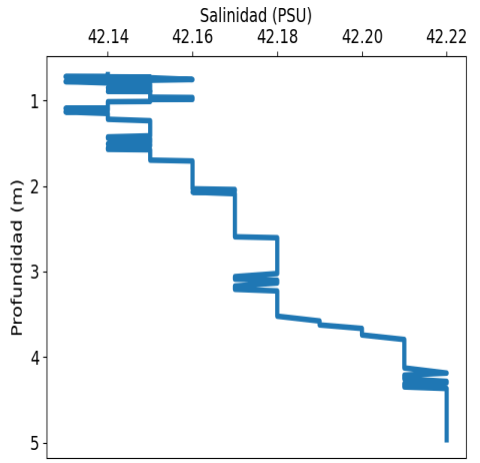


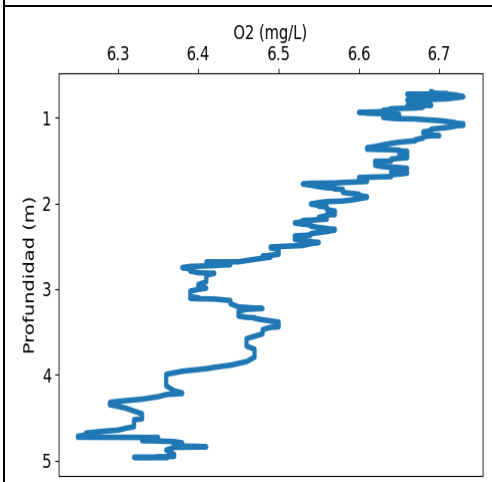


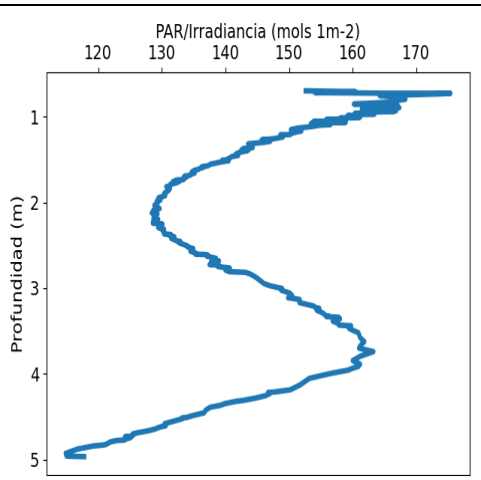












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.66	6.1	1.63	6.25	114.87	0.62	42.13
PROF (metros)	3.34	0.724	0.712	4.714	4.925	1.239	0.724
MÁXIMO	23.8	23.8	2.89	6.73	175.39	1.9	42.22
PROF (metros)	1.061	0.701	4.961	0.758	0.73	4.253	4.185

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	23.74	6.1	1.77	6.66	163.82	0.67	42.15
1 - 2m	23.74	6.1	1.82	6.64	140.86	0.73	42.15
2 - 3m	23.68	6.1	1.88	6.5	134.01	0.94	42.17
3 - 4m	23.67	6.1	2.08	6.45	156.35	1.38	42.19
4 - 5m	23.67	6.1	2.36	6.34	128.91	1.37	42.22

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	23.78	6.11	1.72	6.69	152.62	0.66	42.14
0.712	23.78	6.11	1.63	6.69	160.47	0.66	42.14
0.723	23.78	6.11	1.63	6.7	154.1	0.66	42.14
0.724	23.78	6.1	1.68	6.71	157.27	0.65	42.13
0.729	23.74	6.1	1.75	6.66	165.03	0.65	42.15
0.73	23.75	6.1	1.7	6.71	175.39	0.66	42.14
0.737	23.75	6.1	1.7	6.72	173.59	0.66	42.15
0.758	23.75	6.1	1.7	6.73	164.27	0.66	42.16
0.782	23.75	6.1	1.7	6.71	167.87	0.66	42.13
0.798	23.74	6.1	1.72	6.66	168.31	0.66	42.14
0.799	23.74	6.1	1.72	6.67	168.24	0.66	42.14
0.813	23.74	6.1	1.9	6.67	167.07	0.66	42.15
0.833	23.74	6.1	1.9	6.67	165.97	0.66	42.15
0.855	23.74	6.1	1.9	6.69	160.19	0.66	42.14
0.858	23.73	6.1	1.75	6.69	167.03	0.63	42.15
0.862	23.73	6.1	1.75	6.66	165.79	0.63	42.15
0.872	23.74	6.1	1.72	6.67	165.0	0.66	42.15
0.877	23.74	6.1	1.72	6.68	167.03	0.66	42.15
0.889	23.74	6.1	1.72	6.67	164.27	0.66	42.15
0.897	23.74	6.1	1.77	6.64	167.36	0.66	42.14
0.898	23.73	6.1	1.77	6.64	164.35	0.66	42.15
0.906	23.73	6.1	1.7	6.64	165.94	0.65	42.15
0.917	23.73	6.1	1.7	6.63	161.42	0.65	42.15
0.928	23.73	6.1	1.75	6.64	165.5	0.68	42.15
0.929	23.73	6.1	1.75	6.64	163.06	0.68	42.15
0.933	23.73	6.1	1.75	6.63	166.85	0.68	42.15
0.935	23.73	6.1	1.8	6.62	163.56	0.66	42.15
0.938	23.73	6.1	1.8	6.61	161.56	0.66	42.15
0.94	23.73	6.1	1.8	6.6	163.84	0.66	42.15
0.943	23.73	6.1	1.8	6.6	166.45	0.66	42.15
0.947	23.73	6.1	1.8	6.61	163.45	0.66	42.15
0.95	23.73	6.1	1.87	6.61	162.88	0.67	42.15
0.955	23.73	6.1	1.87	6.63	163.52	0.67	42.15
0.959	23.73	6.1	1.87	6.64	163.31	0.67	42.15
0.964	23.73	6.1	1.87	6.65	160.33	0.67	42.15
0.968	23.73	6.1	1.85	6.65	161.42	0.7	42.16
0.971	23.73	6.1	1.85	6.65	163.45	0.7	42.16

0.975	23.73	6.1	1.85	6.65	161.18	0.7	42.16
0.982	23.74	6.1	1.85	6.64	160.86	0.7	42.16
0.99	23.74	6.1	1.77	6.63	160.68	0.72	42.16
0.991	23.76	6.1	1.77	6.63	159.18	0.72	42.15
0.998	23.76	6.1	1.77	6.63	160.61	0.71	42.15
1.009	23.77	6.11	1.77	6.64	161.18	0.71	42.15
1.014	23.79	6.11	1.75	6.65	160.65	0.7	42.15
1.017	23.79	6.11	1.75	6.67	158.1	0.7	42.14
1.025	23.79	6.11	1.75	6.68	159.07	0.7	42.14
1.036	23.79	6.11	1.92	6.7	155.83	0.68	42.14
1.047	23.79	6.11	1.92	6.71	158.2	0.68	42.14
1.061	23.8	6.11	1.92	6.72	153.8	0.68	42.14
1.067	23.8	6.11	1.92	6.72	158.93	0.68	42.14
1.073	23.8	6.11	1.8	6.73	155.49	0.7	42.14
1.083	23.8	6.11	1.8	6.73	153.43	0.7	42.14
1.092	23.8	6.11	1.8	6.73	155.39	0.7	42.14
1.095	23.79	6.11	1.87	6.72	156.52	0.7	42.13
1.101	23.79	6.11	1.87	6.72	154.78	0.7	42.14
1.116	23.79	6.11	1.87	6.71	153.7	0.7	42.14
1.136	23.79	6.11	1.87	6.69	151.29	0.7	42.13
1.154	23.79	6.11	1.85	6.69	150.27	0.67	42.14
1.168	23.78	6.1	1.85	6.68	151.96	0.67	42.14
1.179	23.78	6.1	1.85	6.68	151.26	0.67	42.14
1.192	23.78	6.1	1.85	6.69	150.57	0.67	42.14
1.205	23.77	6.1	1.85	6.69	150.24	0.67	42.14
1.21	23.77	6.1	1.8	6.69	150.2	0.65	42.14
1.212	23.77	6.1	1.8	6.7	149.75	0.65	42.14
1.213	23.76	6.1	1.8	6.69	148.63	0.65	42.14
1.222	23.76	6.1	1.8	6.68	148.9	0.65	42.14
1.239	23.76	6.1	1.75	6.68	149.03	0.62	42.15
1.26	23.76	6.1	1.75	6.67	147.53	0.62	42.15
1.272	23.76	6.1	1.75	6.67	145.7	0.62	42.15
1.279	23.76	6.1	1.75	6.66	146.76	0.62	42.15
1.288	23.76	6.1	1.75	6.65	147.05	0.62	42.15
1.301	23.76	6.1	1.85	6.64	146.02	0.65	42.15
1.319	23.76	6.1	1.85	6.63	143.55	0.65	42.15
1.339	23.76	6.1	1.85	6.62	143.93	0.65	42.15
1.352	23.76	6.1	1.85	6.61	143.93	0.65	42.15
1.361	23.76	6.1	1.82	6.61	144.31	0.65	42.15
1.369	23.76	6.1	1.82	6.61	143.55	0.65	42.15
1.373	23.76	6.1	1.82	6.63	143.46	0.65	42.15
1.376	23.76	6.1	1.82	6.64	142.74	0.65	42.15
1.38	23.76	6.1	1.82	6.65	143.77	0.65	42.15
1.39	23.76	6.1	1.82	6.65	142.49	0.65	42.15
1.393	23.76	6.1	1.82	6.66	143.58	0.65	42.15
1.4	23.76	6.1	1.82	6.66	143.39	0.65	42.15
1.415	23.76	6.1	1.82	6.66	142.33	0.65	42.15
1.428	23.76	6.1	1.72	6.65	141.86	0.65	42.14
1.442	23.76	6.1	1.72	6.66	141.58	0.65	42.14
1.449	23.76	6.1	1.72	6.66	141.99	0.65	42.15
1.453	23.75	6.1	1.72	6.66	142.02	0.65	42.15
1.467	23.75	6.1	1.72	6.66	141.0	0.7	42.15
1.485	23.75	6.1	1.8	6.64	140.63	0.7	42.15
1.508	23.75	6.1	1.8	6.64	140.01	0.7	42.14
1.51	23.74	6.1	1.8	6.62	139.46	0.71	42.14
1.514	23.74	6.1	1.8	6.62	140.53	0.71	42.15
1.531	23.74	6.1	1.8	6.62	139.19	0.71	42.15
1.556	23.74	6.1	1.8	6.62	137.64	0.71	42.14

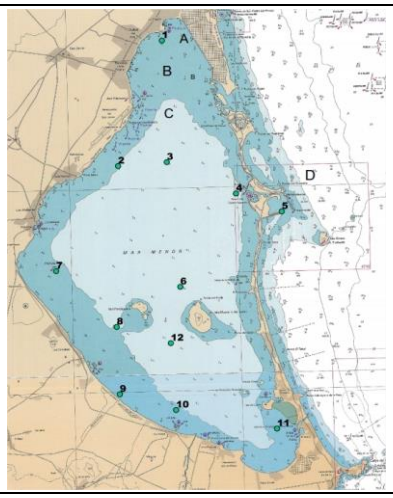
1.573	23.74	6.1	1.8	6.63	137.28	0.72	42.14
1.578	23.73	6.1	1.8	6.64	136.98	0.72	42.15
1.583	23.73	6.1	1.8	6.65	136.32	0.72	42.15
1.593	23.73	6.1	1.8	6.66	136.5	0.72	42.15
1.601	23.73	6.1	1.8	6.65	136.05	0.74	42.15
1.615	23.73	6.1	1.8	6.64	135.79	0.74	42.15
1.629	23.73	6.1	1.8	6.64	135.04	0.74	42.15
1.639	23.73	6.1	1.8	6.66	135.22	0.74	42.15
1.648	23.73	6.1	1.8	6.66	134.66	0.74	42.15
1.659	23.72	6.1	1.8	6.65	135.16	0.78	42.15
1.668	23.72	6.1	1.8	6.64	134.66	0.78	42.15
1.681	23.72	6.1	1.8	6.64	134.51	0.78	42.15
1.689	23.72	6.1	1.8	6.64	134.19	0.78	42.15
1.693	23.72	6.1	1.8	6.62	133.63	0.78	42.15
1.699	23.72	6.1	1.8	6.6	133.49	0.78	42.15
1.709	23.71	6.1	1.8	6.6	133.84	0.78	42.16
1.721	23.71	6.1	1.8	6.6	133.37	0.78	42.16
1.735	23.71	6.1	1.8	6.61	133.43	0.78	42.16
1.741	23.71	6.1	1.8	6.61	132.21	0.79	42.16
1.745	23.71	6.1	1.8	6.61	132.29	0.79	42.16
1.75	23.7	6.1	1.8	6.6	132.87	0.79	42.16
1.757	23.7	6.1	1.8	6.58	131.74	0.79	42.16
1.763	23.7	6.1	1.82	6.57	132.61	0.83	42.16
1.765	23.7	6.1	1.82	6.55	132.5	0.83	42.16
1.766	23.7	6.1	1.82	6.54	132.5	0.83	42.16
1.775	23.7	6.1	1.82	6.53	132.15	0.83	42.16
1.789	23.7	6.1	1.85	6.54	131.34	0.84	42.16
1.805	23.7	6.1	1.85	6.55	131.26	0.84	42.16
1.819	23.7	6.1	1.85	6.56	130.68	0.84	42.16
1.825	23.7	6.1	1.85	6.57	131.28	0.84	42.16
1.831	23.7	6.1	1.85	6.57	131.23	0.84	42.16
1.833	23.7	6.1	1.9	6.57	131.26	0.84	42.16
1.837	23.7	6.1	1.9	6.58	131.11	0.84	42.16
1.851	23.7	6.1	1.9	6.58	131.2	0.84	42.16
1.873	23.7	6.1	1.9	6.58	130.85	0.84	42.16
1.894	23.7	6.1	1.9	6.6	130.37	0.84	42.16
1.909	23.7	6.1	1.9	6.6	130.31	0.84	42.16
1.923	23.7	6.1	1.9	6.61	130.54	0.84	42.16
1.929	23.7	6.1	1.9	6.61	130.23	0.84	42.16
1.931	23.7	6.1	1.9	6.61	130.17	0.84	42.16
1.946	23.69	6.1	1.92	6.6	129.51	0.84	42.16
1.962	23.69	6.1	1.92	6.59	129.37	0.84	42.16
1.973	23.69	6.1	1.92	6.58	129.8	0.84	42.16
1.977	23.69	6.1	1.92	6.57	129.51	0.84	42.16
1.98	23.69	6.1	1.85	6.56	129.57	0.87	42.16
1.991	23.69	6.1	1.85	6.55	129.17	0.87	42.16
2.009	23.69	6.1	1.85	6.54	129.32	0.87	42.16
2.024	23.69	6.1	1.85	6.55	129.17	0.87	42.16
2.034	23.69	6.1	1.85	6.55	128.81	0.85	42.16
2.042	23.69	6.1	1.85	6.56	129.2	0.85	42.17
2.055	23.69	6.1	1.85	6.56	129.12	0.85	42.17
2.072	23.69	6.1	1.85	6.56	129.66	0.85	42.16
2.091	23.69	6.1	1.85	6.57	128.64	0.85	42.17
2.11	23.69	6.1	1.87	6.57	128.81	0.88	42.17
2.123	23.69	6.1	1.87	6.57	128.39	0.88	42.17
2.132	23.69	6.1	1.87	6.57	128.64	0.88	42.17
2.133	23.69	6.1	1.87	6.56	128.92	0.88	42.17
2.134	23.69	6.1	1.85	6.56	129.32	0.88	42.17

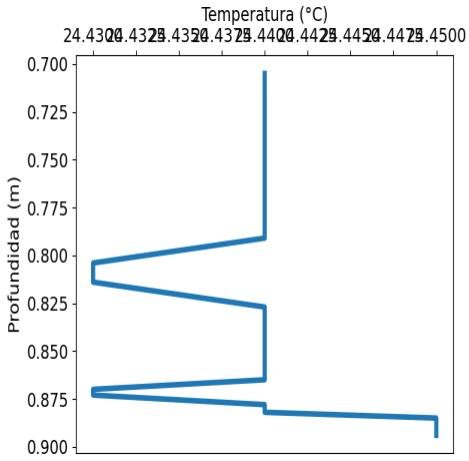
2.143	23.69	6.1	1.85	6.56	129.06	0.88	42.17
2.163	23.69	6.1	1.85	6.55	129.0	0.88	42.17
2.184	23.69	6.1	1.85	6.56	128.67	0.88	42.17
2.196	23.69	6.1	1.85	6.54	129.43	0.9	42.17
2.2	23.68	6.1	1.85	6.53	129.26	0.9	42.17
2.213	23.68	6.1	1.85	6.53	128.67	0.92	42.17
2.229	23.68	6.1	1.85	6.52	128.58	0.92	42.17
2.243	23.69	6.1	1.85	6.53	128.58	0.92	42.17
2.25	23.68	6.1	1.77	6.54	130.0	0.88	42.17
2.255	23.68	6.1	1.77	6.54	130.11	0.88	42.17
2.266	23.68	6.1	1.77	6.54	129.8	0.88	42.17
2.281	23.68	6.1	1.77	6.55	129.8	0.88	42.17
2.292	23.68	6.1	1.75	6.56	129.4	0.9	42.17
2.297	23.68	6.1	1.75	6.56	129.74	0.9	42.17
2.302	23.68	6.1	1.75	6.57	129.68	0.9	42.17
2.312	23.68	6.1	1.75	6.57	130.34	0.9	42.17
2.328	23.68	6.1	2.02	6.56	130.11	0.9	42.17
2.341	23.68	6.1	2.02	6.55	130.23	0.9	42.17
2.353	23.68	6.1	2.02	6.54	130.31	0.9	42.17
2.363	23.68	6.1	2.02	6.54	130.54	0.9	42.17
2.369	23.68	6.1	2.02	6.54	130.37	0.9	42.17
2.375	23.68	6.1	1.8	6.53	131.43	0.9	42.17
2.38	23.68	6.1	1.8	6.52	131.05	0.9	42.17
2.388	23.68	6.1	1.8	6.52	131.43	0.9	42.17
2.402	23.68	6.1	1.8	6.52	131.98	0.9	42.17
2.42	23.68	6.1	1.87	6.52	131.46	0.92	42.17
2.433	23.68	6.1	1.87	6.53	131.86	0.92	42.17
2.442	23.68	6.1	1.87	6.54	132.15	0.92	42.17
2.448	23.68	6.1	1.87	6.54	132.32	0.92	42.17
2.456	23.68	6.1	1.87	6.55	132.93	0.92	42.17
2.47	23.68	6.1	1.9	6.54	132.67	0.92	42.17
2.491	23.68	6.1	1.9	6.53	133.43	0.92	42.17
2.508	23.68	6.1	1.87	6.49	134.04	0.94	42.17
2.518	23.68	6.1	1.87	6.49	134.01	0.94	42.17
2.54	23.68	6.1	1.87	6.5	134.96	0.94	42.17
2.57	23.68	6.1	1.97	6.5	134.48	0.94	42.17
2.594	23.68	6.1	1.97	6.5	135.43	0.94	42.17
2.605	23.68	6.1	1.97	6.49	135.28	0.94	42.18
2.608	23.68	6.1	1.97	6.49	136.74	0.94	42.18
2.613	23.68	6.1	1.97	6.48	137.22	0.94	42.18
2.627	23.68	6.1	1.87	6.49	137.07	0.99	42.18
2.653	23.68	6.1	1.87	6.47	138.52	0.99	42.18
2.681	23.68	6.1	1.87	6.45	137.94	0.99	42.18
2.683	23.68	6.1	1.99	6.41	139.0	0.99	42.18
2.687	23.68	6.1	1.99	6.42	138.85	0.99	42.18
2.692	23.68	6.1	1.9	6.42	137.73	1.0	42.18
2.699	23.68	6.1	1.9	6.42	138.09	1.0	42.18
2.714	23.68	6.1	1.87	6.44	138.25	0.98	42.18
2.72	23.68	6.1	1.87	6.43	138.67	0.98	42.18
2.725	23.68	6.1	1.87	6.42	137.49	0.99	42.18
2.729	23.68	6.1	1.87	6.41	138.58	0.99	42.18
2.735	23.68	6.1	1.87	6.39	139.0	0.99	42.18
2.749	23.68	6.1	1.87	6.38	138.82	0.99	42.18
2.766	23.68	6.1	1.87	6.39	140.69	0.99	42.18
2.789	23.68	6.1	2.11	6.39	139.98	1.0	42.18
2.808	23.68	6.1	2.11	6.4	140.63	1.0	42.18
2.815	23.68	6.1	1.92	6.42	142.74	1.09	42.18
2.816	23.68	6.1	1.92	6.42	143.17	1.09	42.18

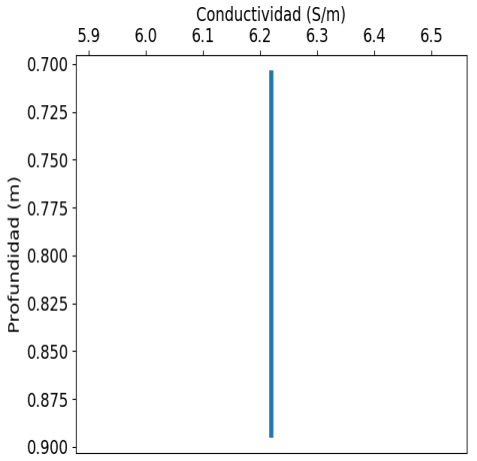
2.836	23.68	6.1	1.92	6.41	143.93	1.09	42.18
2.876	23.68	6.1	1.92	6.41	144.84	1.09	42.18
2.913	23.68	6.1	1.92	6.41	145.48	1.09	42.18
2.946	23.68	6.1	1.92	6.4	146.05	1.05	42.18
2.97	23.68	6.1	1.92	6.4	146.89	1.05	42.18
2.988	23.68	6.1	1.92	6.41	147.92	1.05	42.18
3.003	23.68	6.1	1.92	6.4	148.9	1.05	42.18
3.023	23.68	6.1	2.11	6.39	148.76	1.16	42.18
3.059	23.68	6.1	2.11	6.39	150.14	1.16	42.17
3.088	23.67	6.1	2.11	6.39	150.5	1.16	42.17
3.101	23.67	6.1	2.11	6.4	150.2	1.16	42.18
3.107	23.67	6.1	2.11	6.39	150.01	1.22	42.18
3.112	23.67	6.1	2.11	6.4	149.84	1.22	42.18
3.115	23.67	6.1	2.11	6.42	150.27	1.22	42.18
3.133	23.67	6.1	2.11	6.44	151.69	1.22	42.18
3.169	23.67	6.1	2.11	6.44	151.63	1.22	42.17
3.207	23.67	6.1	2.07	6.45	153.8	1.26	42.17
3.226	23.67	6.1	2.02	6.48	154.2	1.32	42.18
3.236	23.67	6.1	2.02	6.46	154.78	1.32	42.18
3.257	23.67	6.1	2.02	6.45	154.34	1.32	42.18
3.287	23.67	6.1	2.02	6.45	155.25	1.32	42.18
3.314	23.67	6.1	2.02	6.45	155.73	1.32	42.18
3.327	23.67	6.1	2.26	6.46	155.8	1.37	42.18
3.328	23.67	6.1	2.26	6.46	156.31	1.37	42.18
3.332	23.67	6.1	2.26	6.47	155.97	1.37	42.18
3.34	23.66	6.1	2.26	6.47	157.82	1.37	42.18
3.357	23.66	6.1	2.07	6.48	158.03	1.42	42.18
3.384	23.67	6.1	2.07	6.5	156.86	1.42	42.18
3.412	23.67	6.1	2.07	6.5	157.75	1.42	42.18
3.431	23.66	6.1	2.07	6.5	157.86	1.42	42.18
3.439	23.66	6.1	2.07	6.5	159.77	1.44	42.18
3.445	23.66	6.1	2.07	6.49	159.25	1.44	42.18
3.472	23.66	6.1	2.07	6.48	159.49	1.44	42.18
3.521	23.66	6.1	2.07	6.48	160.93	1.44	42.18
3.577	23.66	6.1	2.07	6.46	161.18	1.44	42.19
3.623	23.66	6.1	2.11	6.46	161.85	1.51	42.19
3.664	23.66	6.1	2.11	6.46	161.28	1.51	42.2
3.699	23.66	6.1	2.11	6.47	161.0	1.51	42.2
3.74	23.66	6.1	2.11	6.47	163.27	1.51	42.2
3.793	23.66	6.1	2.04	6.47	161.21	1.55	42.21
3.844	23.66	6.1	2.04	6.46	160.01	1.55	42.21
3.886	23.66	6.1	2.04	6.44	161.18	1.55	42.21
3.911	23.66	6.1	2.04	6.42	160.93	1.55	42.21
3.927	23.66	6.1	2.04	6.41	160.23	1.55	42.21
3.956	23.66	6.1	1.99	6.38	159.25	1.65	42.21
3.993	23.66	6.1	1.99	6.36	156.58	1.65	42.21
4.051	23.66	6.1	1.99	6.36	153.19	1.65	42.21
4.125	23.66	6.1	1.99	6.36	151.79	1.65	42.21
4.185	23.66	6.1	2.14	6.37	150.17	1.7	42.22
4.209	23.66	6.1	2.14	6.38	147.79	1.7	42.21
4.215	23.66	6.1	2.14	6.38	146.7	1.7	42.21
4.228	23.66	6.1	2.14	6.36	146.98	1.7	42.21
4.253	23.66	6.1	2.21	6.35	146.28	1.9	42.21
4.282	23.66	6.1	2.21	6.33	144.65	1.9	42.22
4.299	23.66	6.1	2.21	6.31	143.39	1.9	42.22
4.308	23.66	6.1	2.21	6.3	142.83	1.9	42.21
4.319	23.66	6.1	2.09	6.29	141.61	1.9	42.21
4.347	23.66	6.1	2.09	6.29	139.83	1.9	42.21

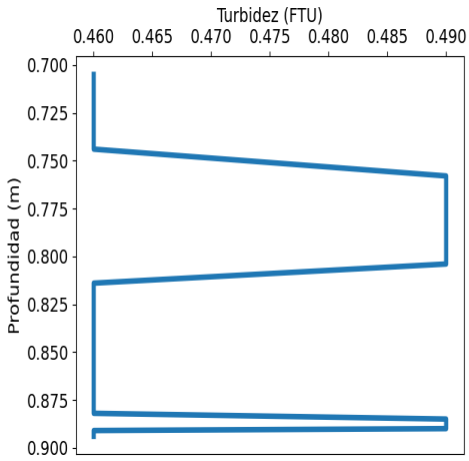
4.365	23.66	6.1	2.09	6.3	139.19	1.9	42.22
4.387	23.66	6.1	2.09	6.31	137.64	1.9	42.22
4.421	23.66	6.1	2.11	6.32	136.89	1.81	42.22
4.452	23.67	6.1	2.11	6.33	136.65	1.81	42.22
4.486	23.67	6.1	2.11	6.33	134.78	1.81	42.22
4.507	23.67	6.1	2.11	6.33	133.9	1.81	42.22
4.511	23.67	6.1	2.11	6.33	133.19	1.81	42.22
4.521	23.67	6.1	2.31	6.32	133.22	1.48	42.22
4.542	23.67	6.1	2.31	6.32	132.24	1.48	42.22
4.579	23.67	6.1	2.31	6.32	130.42	1.48	42.22
4.603	23.67	6.1	2.31	6.32	130.62	1.48	42.22
4.62	23.67	6.1	2.36	6.31	129.6	1.39	42.22
4.642	23.67	6.1	2.36	6.3	128.89	1.39	42.22
4.657	23.67	6.1	2.36	6.28	128.1	1.39	42.22
4.677	23.67	6.1	2.36	6.26	126.77	1.39	42.22
4.684	23.67	6.1	2.41	6.26	126.21	1.16	42.22
4.699	23.67	6.1	2.41	6.26	125.39	1.16	42.22
4.714	23.67	6.1	2.41	6.25	125.5	1.16	42.22
4.725	23.67	6.1	2.41	6.25	125.22	1.16	42.22
4.728	23.67	6.1	2.38	6.35	124.21	1.17	42.22
4.729	23.68	6.1	2.36	6.34	124.65	1.15	42.22
4.74	23.68	6.1	2.36	6.33	125.11	1.15	42.22
4.755	23.68	6.1	2.36	6.33	124.48	1.15	42.22
4.766	23.68	6.1	2.19	6.33	123.99	1.52	42.22
4.769	23.68	6.1	2.19	6.35	124.1	1.52	42.22
4.776	23.68	6.1	2.19	6.37	122.75	1.52	42.22
4.792	23.68	6.1	2.28	6.38	121.89	1.29	42.22
4.808	23.68	6.1	2.28	6.37	121.52	1.29	42.22
4.82	23.68	6.1	2.28	6.37	121.23	1.29	42.22
4.829	23.68	6.1	2.28	6.38	120.7	1.29	42.22
4.831	23.68	6.1	2.28	6.39	120.33	1.29	42.22
4.832	23.68	6.1	2.67	6.4	120.28	0.92	42.22
4.838	23.68	6.1	2.67	6.41	119.23	0.92	42.22
4.843	23.68	6.1	2.67	6.37	118.92	0.89	42.22
4.875	23.68	6.1	2.67	6.36	116.72	0.89	42.22
4.925	23.68	6.1	2.62	6.37	114.87	0.9	42.22
4.949	23.68	6.1	2.62	6.37	115.07	0.9	42.22
4.952	23.68	6.1	2.62	6.36	115.25	0.9	42.22
4.954	23.68	6.1	2.62	6.35	115.0	0.9	42.22
4.957	23.68	6.1	2.7	6.35	115.12	0.89	42.22
4.958	23.68	6.1	2.7	6.33	115.33	0.89	42.22
4.959	23.68	6.1	2.7	6.33	116.16	0.89	42.22
4.96	23.68	6.1	2.7	6.32	117.06	0.89	42.22
4.961	23.68	6.1	2.89	6.33	117.57	0.92	42.22
4.962	23.68	6.1	2.89	6.36	117.6	0.92	42.22
4.963	23.68	6.1	2.89	6.36	117.78	0.92	42.22

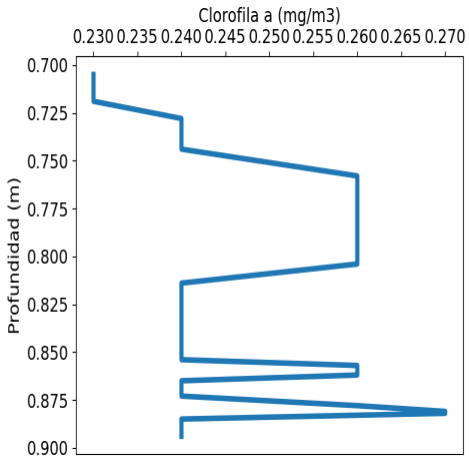
Nombre: CTD E05 - Punto 005 **Fecha: 05/06/2023** **Hora: 08:06:42**

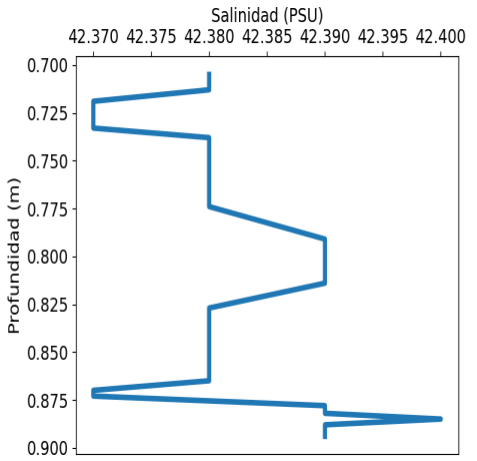


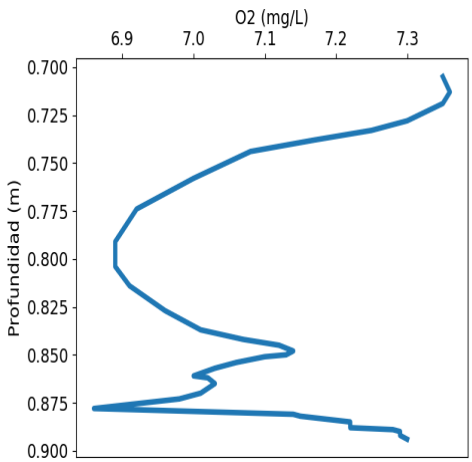


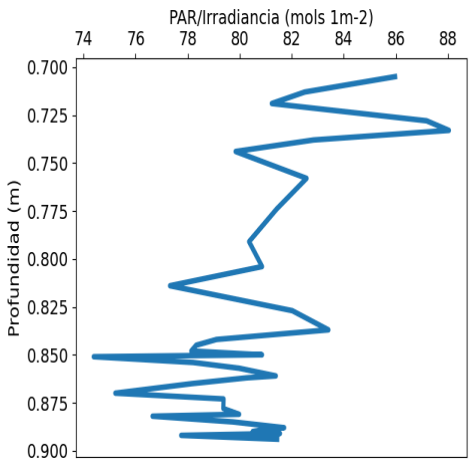












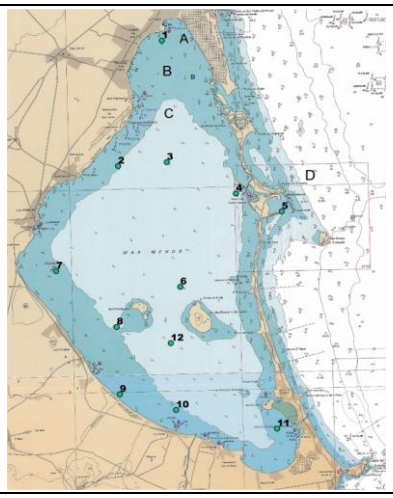
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	24.43	6.22	0.46	6.86	74.39	0.23	42.37
PROF (metros)	0.804	0.705	0.705	0.878	0.851	0.705	0.719
MÁXIMO	24.45	24.45	0.49	7.36	88.04	0.27	42.4
PROF (metros)	0.885	0.705	0.758	0.713	0.733	0.881	0.885

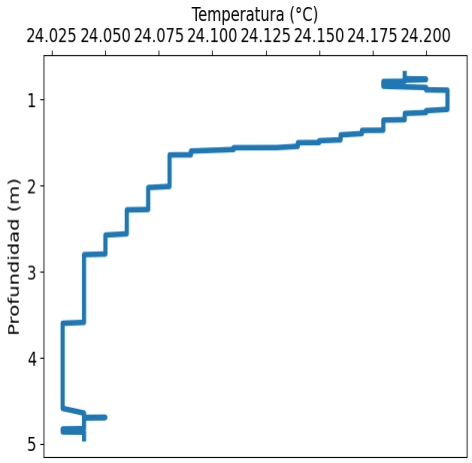
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.44	6.22	0.47	7.12	80.52	0.25	42.38

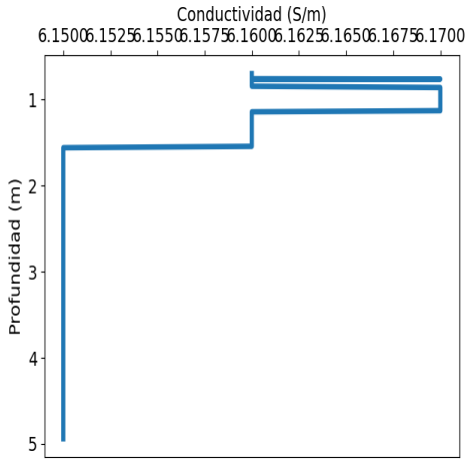
OBSERVACIONES GENERALES

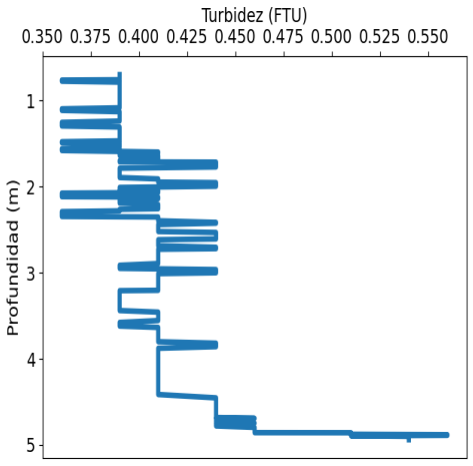
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	24.44	6.22	0.46	7.35	85.97	0.23	42.38
0.713	24.44	6.22	0.46	7.36	82.5	0.23	42.38
0.719	24.44	6.22	0.46	7.35	81.23	0.23	42.37
0.728	24.44	6.22	0.46	7.3	87.18	0.24	42.37
0.733	24.44	6.22	0.46	7.25	88.04	0.24	42.37
0.738	24.44	6.22	0.46	7.17	82.84	0.24	42.38
0.744	24.44	6.22	0.46	7.08	79.84	0.24	42.38
0.758	24.44	6.22	0.49	7.0	82.57	0.26	42.38
0.774	24.44	6.22	0.49	6.92	81.42	0.26	42.38
0.791	24.44	6.22	0.49	6.89	80.36	0.26	42.39
0.804	24.43	6.22	0.49	6.89	80.86	0.26	42.39
0.814	24.43	6.22	0.46	6.91	77.32	0.24	42.39
0.827	24.44	6.22	0.46	6.96	82.02	0.24	42.38
0.837	24.44	6.22	0.46	7.01	83.41	0.24	42.38
0.842	24.44	6.22	0.46	7.07	79.11	0.24	42.38
0.845	24.44	6.22	0.46	7.12	78.33	0.24	42.38
0.848	24.44	6.22	0.46	7.14	78.14	0.24	42.38
0.85	24.44	6.22	0.46	7.13	80.86	0.24	42.38
0.851	24.44	6.22	0.46	7.1	74.39	0.24	42.38
0.854	24.44	6.22	0.46	7.06	78.21	0.24	42.38
0.857	24.44	6.22	0.46	7.03	79.98	0.26	42.38
0.861	24.44	6.22	0.46	7.0	81.39	0.26	42.38
0.862	24.44	6.22	0.46	7.02	80.28	0.26	42.38
0.865	24.44	6.22	0.46	7.03	78.18	0.24	42.38
0.87	24.43	6.22	0.46	7.01	75.22	0.24	42.37
0.873	24.43	6.22	0.46	6.98	79.38	0.24	42.37
0.878	24.44	6.22	0.46	6.86	79.37	0.26	42.39
0.881	24.44	6.22	0.46	7.14	79.98	0.27	42.39
0.882	24.44	6.22	0.46	7.15	76.65	0.27	42.39
0.885	24.45	6.22	0.49	7.22	79.75	0.24	42.4
0.888	24.45	6.22	0.49	7.22	81.71	0.24	42.39
0.889	24.45	6.22	0.49	7.28	80.93	0.24	42.39
0.89	24.45	6.22	0.49	7.29	80.5	0.24	42.39
0.891	24.45	6.22	0.46	7.29	81.55	0.24	42.39
0.892	24.45	6.22	0.46	7.29	77.75	0.24	42.39
0.894	24.45	6.22	0.46	7.3	81.44	0.24	42.39

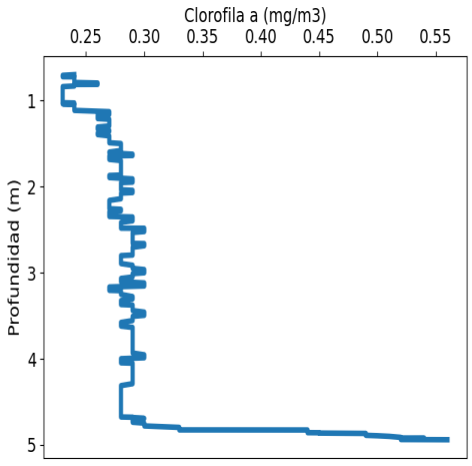
Nombre: CTD E06 - Punto 006 **Fecha: 05/06/2023** **Hora: 08:06:58**

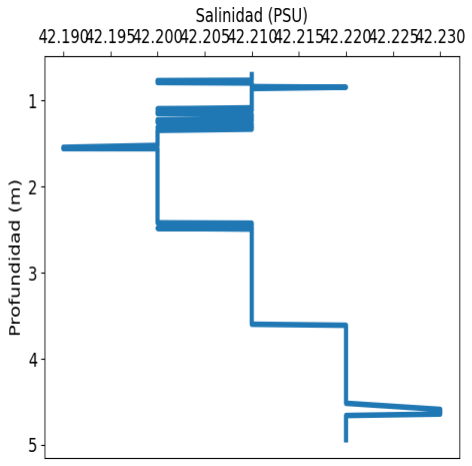


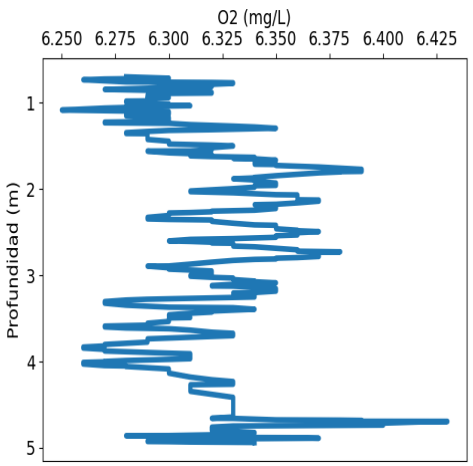


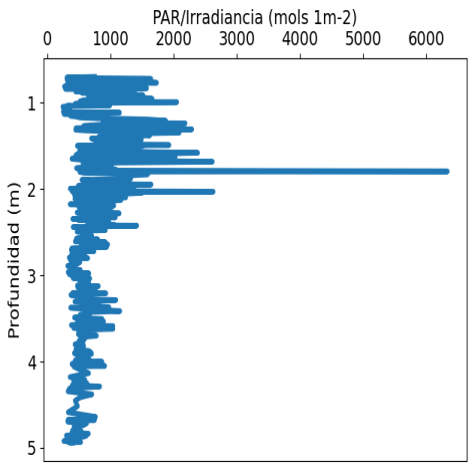












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	24.03	6.15	0.37	6.25	239.39	0.23	42.19
PROF (metros)	3.599	1.559	0.763	1.085	1.048	0.708	1.544
MÁXIMO	24.21	24.21	0.56	6.43	6338.6	0.56	42.23
PROF (metros)	0.892	0.763	4.882	4.693	1.796	4.94	4.588

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.2	6.16	0.39	6.3	867.81	0.24	42.21
1 - 2m	24.14	6.16	0.39	6.32	992.26	0.27	42.2
2 - 3m	24.06	6.15	0.41	6.34	667.76	0.29	42.21
3 - 4m	24.04	6.15	0.41	6.31	606.98	0.29	42.22
4 - 5m	24.04	6.15	0.46	6.33	480.25	0.36	42.22

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	24.19	6.16	0.39	6.28	748.44	0.24	42.21
0.708	24.19	6.16	0.39	6.29	304.7	0.23	42.21
0.716	24.19	6.16	0.39	6.3	640.42	0.23	42.21
0.724	24.19	6.16	0.39	6.27	1640.6	0.23	42.21
0.725	24.19	6.16	0.39	6.27	598.4	0.24	42.21
0.734	24.19	6.16	0.39	6.26	306.44	0.24	42.21
0.747	24.19	6.16	0.39	6.27	527.85	0.24	42.21
0.759	24.19	6.16	0.39	6.28	912.23	0.24	42.21
0.763	24.2	6.17	0.36	6.31	369.76	0.24	42.21
0.765	24.2	6.16	0.36	6.32	712.78	0.24	42.21
0.769	24.2	6.16	0.36	6.33	1729.9	0.24	42.2
0.776	24.19	6.16	0.36	6.33	314.8	0.24	42.2
0.787	24.19	6.16	0.39	6.32	1534.0	0.24	42.2
0.789	24.19	6.16	0.39	6.3	367.02	0.24	42.2
0.791	24.18	6.16	0.39	6.3	323.32	0.24	42.2
0.797	24.18	6.16	0.39	6.3	908.44	0.26	42.21
0.805	24.18	6.16	0.39	6.31	957.87	0.26	42.21
0.813	24.18	6.16	0.39	6.32	263.94	0.26	42.21
0.814	24.18	6.16	0.39	6.31	794.53	0.24	42.21
0.819	24.18	6.16	0.39	6.3	370.08	0.24	42.21
0.832	24.18	6.16	0.39	6.29	1572.7	0.24	42.21
0.839	24.18	6.16	0.39	6.28	280.44	0.23	42.21
0.846	24.18	6.16	0.39	6.27	1093.8	0.23	42.22
0.86	24.2	6.17	0.39	6.3	924.9	0.23	42.21
0.861	24.2	6.17	0.39	6.3	978.21	0.23	42.21
0.87	24.2	6.17	0.39	6.31	443.92	0.23	42.21
0.88	24.2	6.17	0.39	6.32	1384.3	0.23	42.21
0.885	24.2	6.17	0.39	6.32	542.61	0.23	42.21
0.888	24.2	6.17	0.39	6.32	704.09	0.23	42.21
0.892	24.21	6.17	0.39	6.3	1160.6	0.23	42.21
0.896	24.21	6.17	0.39	6.3	1126.6	0.23	42.21
0.901	24.21	6.17	0.39	6.3	640.42	0.23	42.21
0.911	24.21	6.17	0.39	6.29	1512.6	0.23	42.21
0.929	24.21	6.17	0.39	6.29	744.52	0.23	42.21
0.94	24.21	6.17	0.39	6.3	641.26	0.23	42.21
0.943	24.21	6.17	0.39	6.29	1545.1	0.23	42.21
0.955	24.21	6.17	0.39	6.29	1660.5	0.23	42.21

0.971	24.21	6.17	0.39	6.29	813.19	0.23	42.21
0.978	24.21	6.17	0.39	6.29	539.53	0.23	42.21
0.979	24.21	6.17	0.39	6.29	1261.6	0.23	42.21
0.981	24.21	6.17	0.39	6.28	860.44	0.23	42.21
0.986	24.21	6.17	0.39	6.28	508.68	0.23	42.21
0.993	24.21	6.17	0.39	6.28	2050.2	0.23	42.21
1.001	24.21	6.17	0.39	6.29	987.68	0.23	42.21
1.014	24.21	6.17	0.39	6.3	432.51	0.23	42.21
1.018	24.21	6.17	0.39	6.3	667.76	0.23	42.21
1.02	24.21	6.17	0.39	6.3	947.65	0.23	42.21
1.026	24.21	6.17	0.39	6.3	722.04	0.23	42.21
1.029	24.21	6.17	0.39	6.3	522.33	0.24	42.21
1.031	24.21	6.17	0.39	6.3	988.98	0.24	42.21
1.035	24.21	6.17	0.39	6.31	321.35	0.24	42.21
1.038	24.21	6.17	0.39	6.3	302.84	0.23	42.21
1.039	24.21	6.17	0.39	6.28	372.2	0.23	42.21
1.048	24.21	6.17	0.39	6.29	239.39	0.24	42.21
1.062	24.21	6.17	0.39	6.27	277.57	0.24	42.21
1.085	24.21	6.17	0.39	6.25	290.63	0.24	42.21
1.097	24.21	6.17	0.36	6.28	367.82	0.24	42.2
1.104	24.21	6.17	0.36	6.3	246.03	0.24	42.21
1.115	24.21	6.17	0.36	6.3	1143.2	0.24	42.21
1.13	24.2	6.17	0.39	6.3	259.07	0.27	42.2
1.143	24.2	6.16	0.39	6.28	733.36	0.27	42.2
1.147	24.2	6.16	0.39	6.28	555.11	0.27	42.2
1.152	24.2	6.16	0.39	6.28	362.94	0.27	42.2
1.162	24.19	6.16	0.39	6.29	462.98	0.27	42.21
1.172	24.19	6.16	0.39	6.3	515.74	0.26	42.21
1.18	24.19	6.16	0.39	6.3	770.72	0.26	42.21
1.194	24.19	6.16	0.39	6.3	1587.9	0.26	42.21
1.21	24.19	6.16	0.39	6.3	1875.8	0.26	42.21
1.218	24.19	6.16	0.39	6.29	1070.3	0.27	42.21
1.225	24.19	6.16	0.39	6.27	1357.0	0.27	42.2
1.233	24.19	6.16	0.39	6.27	1570.7	0.27	42.2
1.235	24.19	6.16	0.39	6.28	873.92	0.27	42.2
1.239	24.18	6.16	0.39	6.3	2182.6	0.27	42.21
1.254	24.18	6.16	0.36	6.31	855.37	0.27	42.2
1.271	24.18	6.16	0.36	6.33	569.01	0.27	42.21
1.281	24.18	6.16	0.36	6.34	1383.7	0.27	42.21
1.296	24.18	6.16	0.36	6.35	448.22	0.27	42.21
1.308	24.18	6.16	0.39	6.33	2288.8	0.26	42.21
1.313	24.18	6.16	0.39	6.32	443.15	0.26	42.2
1.321	24.18	6.16	0.39	6.3	580.72	0.26	42.21
1.333	24.18	6.16	0.39	6.29	992.02	0.26	42.21
1.347	24.18	6.16	0.39	6.28	2090.0	0.27	42.2
1.357	24.18	6.16	0.39	6.28	1388.8	0.27	42.2
1.359	24.17	6.16	0.39	6.29	1447.5	0.27	42.2
1.378	24.17	6.16	0.39	6.29	1622.4	0.26	42.2
1.396	24.17	6.16	0.39	6.29	809.81	0.26	42.2
1.411	24.16	6.16	0.39	6.29	995.5	0.27	42.2
1.414	24.16	6.16	0.39	6.29	693.08	0.27	42.2
1.426	24.16	6.16	0.39	6.29	1489.6	0.27	42.2
1.446	24.16	6.16	0.39	6.3	1147.5	0.27	42.2
1.469	24.16	6.16	0.39	6.3	1333.1	0.27	42.2
1.479	24.15	6.16	0.36	6.3	743.54	0.27	42.2
1.491	24.15	6.16	0.36	6.32	1927.4	0.27	42.2
1.5	24.15	6.16	0.39	6.33	468.69	0.28	42.2
1.502	24.14	6.16	0.39	6.33	1507.3	0.28	42.2

1.521	24.14	6.16	0.39	6.32	939.59	0.28	42.2
1.544	24.14	6.16	0.39	6.32	772.92	0.28	42.19
1.559	24.13	6.15	0.36	6.31	588.01	0.28	42.19
1.56	24.11	6.15	0.36	6.29	501.38	0.28	42.2
1.562	24.11	6.15	0.36	6.29	717.0	0.28	42.2
1.581	24.11	6.15	0.36	6.3	2381.3	0.28	42.2
1.599	24.09	6.15	0.41	6.32	993.75	0.27	42.2
1.606	24.09	6.15	0.41	6.32	448.02	0.27	42.2
1.609	24.09	6.15	0.39	6.31	552.93	0.28	42.2
1.616	24.09	6.15	0.39	6.31	565.04	0.28	42.2
1.624	24.09	6.15	0.39	6.32	1706.2	0.29	42.2
1.629	24.09	6.15	0.39	6.33	2024.7	0.29	42.2
1.633	24.09	6.15	0.39	6.34	622.58	0.29	42.2
1.639	24.09	6.15	0.39	6.34	1140.5	0.29	42.2
1.643	24.09	6.15	0.41	6.34	556.69	0.27	42.2
1.644	24.08	6.15	0.41	6.33	394.77	0.27	42.2
1.65	24.08	6.15	0.41	6.34	384.03	0.27	42.2
1.666	24.08	6.15	0.41	6.35	601.94	0.27	42.2
1.684	24.08	6.15	0.41	6.34	2614.7	0.27	42.2
1.698	24.08	6.15	0.39	6.34	556.45	0.28	42.2
1.706	24.08	6.15	0.39	6.34	898.16	0.28	42.2
1.71	24.08	6.15	0.39	6.34	913.83	0.28	42.2
1.713	24.08	6.15	0.39	6.34	1022.2	0.28	42.2
1.716	24.08	6.15	0.44	6.35	732.55	0.28	42.2
1.727	24.08	6.15	0.44	6.35	911.83	0.28	42.2
1.745	24.08	6.15	0.44	6.37	659.63	0.28	42.2
1.759	24.08	6.15	0.44	6.38	455.74	0.28	42.2
1.772	24.08	6.15	0.44	6.39	1076.7	0.28	42.2
1.786	24.08	6.15	0.39	6.39	1105.6	0.28	42.2
1.796	24.08	6.15	0.39	6.39	6338.6	0.28	42.2
1.799	24.08	6.15	0.39	6.38	1510.6	0.28	42.2
1.802	24.08	6.15	0.39	6.38	508.12	0.28	42.2
1.813	24.08	6.15	0.39	6.37	578.81	0.28	42.2
1.829	24.08	6.15	0.39	6.36	1589.3	0.28	42.2
1.846	24.08	6.15	0.39	6.35	1256.1	0.28	42.2
1.866	24.08	6.15	0.39	6.34	1140.0	0.28	42.2
1.871	24.08	6.15	0.39	6.34	1273.5	0.27	42.2
1.882	24.08	6.15	0.39	6.33	1318.9	0.27	42.2
1.895	24.08	6.15	0.39	6.34	541.07	0.27	42.2
1.911	24.08	6.15	0.41	6.34	911.23	0.29	42.2
1.931	24.08	6.15	0.41	6.35	1058.7	0.29	42.2
1.943	24.08	6.15	0.41	6.35	950.35	0.29	42.2
1.948	24.08	6.15	0.41	6.35	1643.8	0.29	42.2
1.954	24.08	6.15	0.44	6.35	694.45	0.28	42.2
1.958	24.08	6.15	0.44	6.35	624.22	0.28	42.2
1.962	24.08	6.15	0.44	6.34	484.87	0.28	42.2
1.979	24.08	6.15	0.44	6.34	1374.6	0.28	42.2
1.996	24.08	6.15	0.44	6.33	356.25	0.28	42.2
2.01	24.08	6.15	0.39	6.32	614.33	0.28	42.2
2.023	24.07	6.15	0.39	6.31	386.05	0.28	42.2
2.031	24.07	6.15	0.39	6.31	2627.9	0.28	42.2
2.037	24.07	6.15	0.39	6.32	403.42	0.28	42.2
2.044	24.07	6.15	0.41	6.33	1499.8	0.29	42.2
2.055	24.07	6.15	0.41	6.34	1244.0	0.29	42.2
2.066	24.07	6.15	0.41	6.35	1129.0	0.29	42.2
2.069	24.07	6.15	0.41	6.36	423.88	0.29	42.2
2.076	24.07	6.15	0.36	6.36	770.38	0.28	42.2
2.085	24.07	6.15	0.36	6.36	1110.4	0.28	42.2

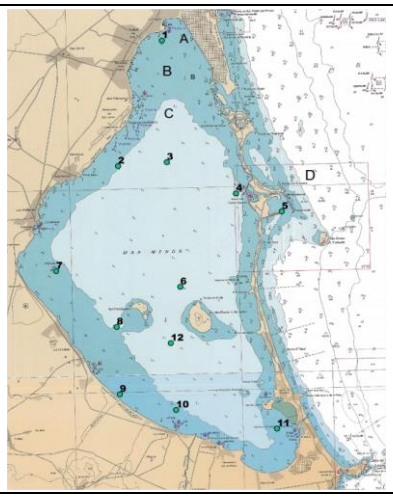
2.097	24.07	6.15	0.36	6.36	1241.8	0.28	42.2
2.111	24.07	6.15	0.36	6.36	429.02	0.28	42.2
2.117	24.07	6.15	0.36	6.36	688.09	0.28	42.2
2.122	24.07	6.15	0.41	6.36	546.67	0.28	42.2
2.125	24.07	6.15	0.41	6.36	585.44	0.28	42.2
2.128	24.07	6.15	0.41	6.37	1165.5	0.28	42.2
2.141	24.07	6.15	0.41	6.37	944.13	0.28	42.2
2.161	24.07	6.15	0.39	6.36	897.18	0.27	42.2
2.177	24.07	6.15	0.39	6.35	354.85	0.27	42.2
2.182	24.07	6.15	0.39	6.34	489.88	0.27	42.2
2.192	24.07	6.15	0.39	6.35	1052.6	0.27	42.2
2.207	24.07	6.15	0.41	6.35	492.68	0.27	42.2
2.226	24.07	6.15	0.41	6.35	707.34	0.27	42.2
2.246	24.07	6.15	0.41	6.34	513.6	0.27	42.2
2.257	24.07	6.15	0.41	6.32	633.17	0.27	42.2
2.264	24.07	6.15	0.39	6.32	1020.0	0.28	42.2
2.273	24.07	6.15	0.39	6.31	464.91	0.28	42.2
2.278	24.07	6.15	0.39	6.3	602.21	0.28	42.2
2.282	24.06	6.15	0.39	6.3	1138.0	0.28	42.2
2.291	24.06	6.15	0.36	6.3	640.56	0.27	42.2
2.307	24.06	6.15	0.36	6.3	583.14	0.27	42.2
2.329	24.06	6.15	0.36	6.29	1076.4	0.27	42.2
2.347	24.06	6.15	0.36	6.29	396.33	0.27	42.2
2.353	24.06	6.15	0.41	6.3	800.47	0.29	42.2
2.359	24.06	6.15	0.41	6.32	483.17	0.29	42.2
2.375	24.06	6.15	0.41	6.32	972.24	0.29	42.2
2.397	24.06	6.15	0.41	6.33	633.31	0.29	42.2
2.416	24.06	6.15	0.44	6.34	1059.8	0.28	42.2
2.421	24.06	6.15	0.44	6.35	791.06	0.28	42.2
2.425	24.06	6.15	0.44	6.35	1415.8	0.28	42.21
2.441	24.06	6.15	0.41	6.35	401.92	0.28	42.21
2.461	24.06	6.15	0.41	6.35	659.05	0.28	42.21
2.478	24.06	6.15	0.41	6.36	918.04	0.28	42.21
2.483	24.06	6.15	0.41	6.36	525.66	0.28	42.2
2.484	24.06	6.15	0.41	6.36	490.85	0.3	42.2
2.494	24.06	6.15	0.41	6.37	464.3	0.3	42.21
2.507	24.06	6.15	0.41	6.36	644.07	0.3	42.21
2.522	24.06	6.15	0.41	6.36	678.97	0.3	42.21
2.533	24.06	6.15	0.44	6.36	643.09	0.29	42.21
2.542	24.06	6.15	0.44	6.35	704.09	0.29	42.21
2.56	24.06	6.15	0.44	6.35	549.43	0.29	42.21
2.575	24.05	6.15	0.44	6.33	454.64	0.29	42.21
2.584	24.05	6.15	0.44	6.31	798.89	0.29	42.21
2.602	24.05	6.15	0.44	6.3	492.25	0.29	42.21
2.608	24.05	6.15	0.44	6.31	436.79	0.29	42.21
2.617	24.05	6.15	0.41	6.32	918.04	0.29	42.21
2.626	24.05	6.15	0.41	6.32	527.16	0.29	42.21
2.629	24.05	6.15	0.41	6.33	604.59	0.29	42.21
2.643	24.05	6.15	0.41	6.33	955.98	0.29	42.21
2.66	24.05	6.15	0.41	6.33	543.8	0.29	42.21
2.662	24.05	6.15	0.41	6.33	535.65	0.3	42.21
2.67	24.05	6.15	0.41	6.34	940.0	0.3	42.21
2.687	24.05	6.15	0.41	6.35	385.21	0.3	42.21
2.705	24.05	6.15	0.44	6.36	372.68	0.29	42.21
2.721	24.05	6.15	0.44	6.36	738.83	0.29	42.21
2.728	24.05	6.15	0.41	6.38	442.95	0.29	42.21
2.733	24.05	6.15	0.41	6.37	603.92	0.29	42.21
2.755	24.05	6.15	0.41	6.37	379.44	0.29	42.21

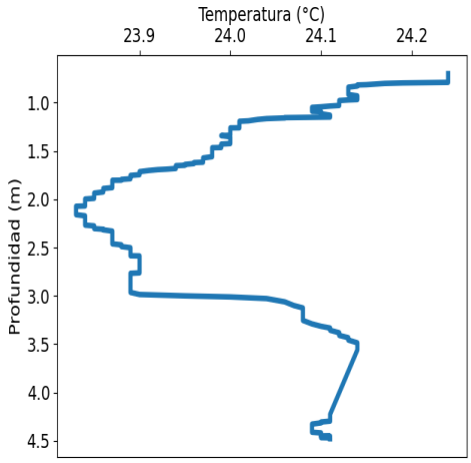
2.782	24.05	6.15	0.41	6.37	519.6	0.29	42.21
2.795	24.05	6.15	0.41	6.36	340.54	0.29	42.21
2.802	24.04	6.15	0.41	6.35	639.58	0.28	42.21
2.811	24.04	6.15	0.41	6.35	352.37	0.28	42.21
2.816	24.04	6.15	0.41	6.34	359.38	0.28	42.21
2.828	24.04	6.15	0.41	6.33	364.69	0.28	42.21
2.848	24.04	6.15	0.41	6.32	515.07	0.28	42.21
2.871	24.04	6.15	0.41	6.31	464.09	0.28	42.21
2.891	24.04	6.15	0.41	6.3	315.91	0.28	42.21
2.892	24.04	6.15	0.41	6.3	401.04	0.28	42.21
2.894	24.04	6.15	0.41	6.29	379.19	0.28	42.21
2.914	24.04	6.15	0.39	6.3	380.6	0.29	42.21
2.929	24.04	6.15	0.39	6.3	349.15	0.29	42.21
2.939	24.04	6.15	0.39	6.31	522.45	0.29	42.21
2.95	24.04	6.15	0.39	6.32	359.54	0.29	42.21
2.964	24.04	6.15	0.44	6.32	322.76	0.3	42.21
2.979	24.04	6.15	0.44	6.32	658.18	0.3	42.21
2.989	24.04	6.15	0.44	6.32	344.29	0.3	42.21
3.001	24.04	6.15	0.44	6.31	388.0	0.3	42.21
3.011	24.04	6.15	0.41	6.31	519.14	0.29	42.21
3.024	24.04	6.15	0.41	6.32	596.96	0.29	42.21
3.032	24.04	6.15	0.41	6.33	401.75	0.29	42.21
3.038	24.04	6.15	0.41	6.33	672.31	0.29	42.21
3.05	24.04	6.15	0.41	6.33	492.46	0.29	42.21
3.067	24.04	6.15	0.41	6.34	612.98	0.28	42.21
3.075	24.04	6.15	0.41	6.34	647.18	0.28	42.21
3.088	24.04	6.15	0.41	6.35	654.88	0.28	42.21
3.105	24.04	6.15	0.41	6.33	602.34	0.28	42.21
3.119	24.04	6.15	0.41	6.32	470.54	0.3	42.21
3.124	24.04	6.15	0.41	6.32	492.03	0.3	42.21
3.126	24.04	6.15	0.41	6.33	808.57	0.3	42.21
3.138	24.04	6.15	0.41	6.34	476.45	0.3	42.21
3.154	24.04	6.15	0.41	6.35	664.26	0.3	42.21
3.166	24.04	6.15	0.41	6.35	536.59	0.27	42.21
3.184	24.04	6.15	0.41	6.35	765.84	0.27	42.21
3.2	24.04	6.15	0.41	6.34	765.84	0.27	42.21
3.205	24.04	6.15	0.41	6.33	395.9	0.27	42.21
3.209	24.04	6.15	0.39	6.33	926.93	0.28	42.21
3.216	24.04	6.15	0.39	6.34	734.32	0.28	42.21
3.228	24.04	6.15	0.39	6.34	366.54	0.28	42.21
3.252	24.04	6.15	0.39	6.34	681.5	0.28	42.21
3.278	24.04	6.15	0.39	6.29	489.02	0.29	42.21
3.287	24.04	6.15	0.39	6.28	1085.2	0.29	42.21
3.305	24.04	6.15	0.39	6.27	429.49	0.29	42.21
3.324	24.04	6.15	0.39	6.27	805.92	0.28	42.21
3.347	24.04	6.15	0.39	6.28	609.77	0.28	42.21
3.37	24.04	6.15	0.39	6.3	974.79	0.28	42.21
3.376	24.04	6.15	0.39	6.33	362.62	0.29	42.21
3.394	24.04	6.15	0.39	6.34	661.22	0.29	42.21
3.415	24.04	6.15	0.39	6.32	1148.7	0.29	42.21
3.427	24.04	6.15	0.39	6.32	629.85	0.29	42.21
3.44	24.04	6.15	0.39	6.31	670.84	0.29	42.21
3.458	24.04	6.15	0.41	6.3	512.93	0.3	42.21
3.478	24.04	6.15	0.41	6.3	660.06	0.3	42.21
3.49	24.04	6.15	0.41	6.31	423.33	0.3	42.21
3.495	24.04	6.15	0.41	6.3	514.05	0.3	42.21
3.507	24.04	6.15	0.41	6.3	865.73	0.29	42.21
3.521	24.04	6.15	0.41	6.3	469.82	0.29	42.21

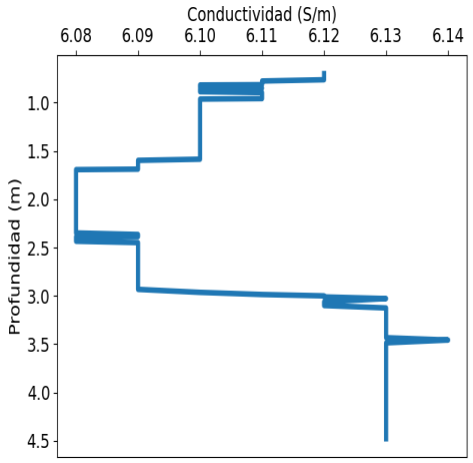
3.535	24.04	6.15	0.41	6.3	890.33	0.29	42.21
3.556	24.04	6.15	0.41	6.29	647.04	0.29	42.21
3.578	24.04	6.15	0.39	6.29	373.91	0.28	42.21
3.589	24.04	6.15	0.39	6.27	1039.4	0.28	42.21
3.599	24.03	6.15	0.39	6.27	468.48	0.28	42.21
3.611	24.03	6.15	0.39	6.28	411.81	0.28	42.22
3.62	24.03	6.15	0.39	6.3	1039.4	0.28	42.22
3.636	24.03	6.15	0.41	6.31	481.9	0.29	42.22
3.66	24.03	6.15	0.41	6.32	631.92	0.29	42.22
3.673	24.03	6.15	0.41	6.33	640.7	0.29	42.22
3.68	24.03	6.15	0.41	6.33	635.67	0.29	42.22
3.683	24.03	6.15	0.41	6.33	483.81	0.29	42.22
3.688	24.03	6.15	0.41	6.33	594.48	0.29	42.22
3.7	24.03	6.15	0.41	6.33	778.35	0.29	42.22
3.718	24.03	6.15	0.41	6.31	527.62	0.29	42.22
3.737	24.03	6.15	0.41	6.29	591.88	0.29	42.22
3.757	24.03	6.15	0.41	6.29	498.86	0.29	42.22
3.775	24.03	6.15	0.41	6.29	565.41	0.29	42.22
3.788	24.03	6.15	0.41	6.28	483.38	0.29	42.22
3.802	24.03	6.15	0.41	6.27	431.37	0.29	42.22
3.819	24.03	6.15	0.44	6.27	576.54	0.29	42.22
3.832	24.03	6.15	0.44	6.26	510.91	0.29	42.22
3.844	24.03	6.15	0.44	6.26	556.81	0.29	42.22
3.859	24.03	6.15	0.44	6.27	444.99	0.29	42.22
3.878	24.03	6.15	0.41	6.27	658.18	0.29	42.22
3.895	24.03	6.15	0.41	6.29	689.75	0.29	42.22
3.903	24.03	6.15	0.41	6.3	420.74	0.29	42.22
3.91	24.03	6.15	0.41	6.31	700.25	0.29	42.22
3.933	24.03	6.15	0.41	6.31	512.48	0.29	42.22
3.954	24.03	6.15	0.41	6.31	559.01	0.3	42.22
3.967	24.03	6.15	0.41	6.31	463.59	0.3	42.22
3.975	24.03	6.15	0.41	6.3	664.7	0.3	42.22
3.988	24.03	6.15	0.41	6.28	435.36	0.3	42.22
3.999	24.03	6.15	0.41	6.27	521.08	0.28	42.22
4.003	24.03	6.15	0.41	6.27	865.35	0.28	42.22
4.01	24.03	6.15	0.41	6.26	455.04	0.28	42.22
4.029	24.03	6.15	0.41	6.26	383.95	0.28	42.22
4.047	24.03	6.15	0.41	6.27	635.25	0.28	42.22
4.051	24.03	6.15	0.41	6.28	908.84	0.29	42.22
4.057	24.03	6.15	0.41	6.28	413.8	0.29	42.22
4.086	24.03	6.15	0.41	6.3	492.68	0.29	42.22
4.135	24.03	6.15	0.41	6.3	653.73	0.29	42.22
4.18	24.03	6.15	0.41	6.31	353.84	0.29	42.22
4.211	24.03	6.15	0.41	6.32	593.57	0.29	42.22
4.232	24.03	6.15	0.41	6.33	411.45	0.29	42.22
4.251	24.03	6.15	0.41	6.33	625.45	0.29	42.22
4.263	24.03	6.15	0.41	6.33	550.99	0.29	42.22
4.266	24.03	6.15	0.41	6.32	566.9	0.29	42.22
4.269	24.03	6.15	0.41	6.31	629.99	0.29	42.22
4.276	24.03	6.15	0.41	6.31	387.75	0.29	42.22
4.289	24.03	6.15	0.41	6.31	829.55	0.29	42.22
4.312	24.03	6.15	0.41	6.31	347.01	0.28	42.22
4.345	24.03	6.15	0.41	6.31	322.12	0.28	42.22
4.38	24.03	6.15	0.41	6.32	704.71	0.28	42.22
4.415	24.03	6.15	0.41	6.33	518.69	0.28	42.22
4.454	24.03	6.15	0.44	6.33	435.83	0.28	42.22
4.517	24.03	6.15	0.44	6.33	476.97	0.28	42.22
4.588	24.03	6.15	0.44	6.33	324.96	0.28	42.23

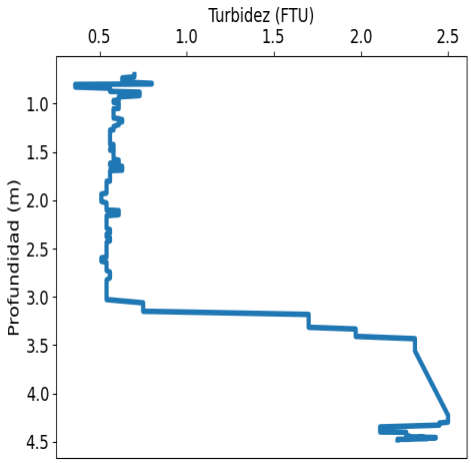
4.642	24.04	6.15	0.44	6.33	763.16	0.28	42.23
4.658	24.04	6.15	0.44	6.32	494.19	0.28	42.22
4.659	24.04	6.15	0.44	6.33	546.79	0.28	42.22
4.667	24.04	6.15	0.44	6.34	718.58	0.28	42.22
4.676	24.04	6.15	0.44	6.35	322.12	0.28	42.22
4.679	24.04	6.15	0.44	6.38	746.31	0.29	42.22
4.682	24.04	6.15	0.44	6.39	441.11	0.29	42.22
4.692	24.04	6.15	0.46	6.39	435.55	0.3	42.22
4.693	24.05	6.15	0.44	6.43	319.66	0.3	42.22
4.696	24.04	6.15	0.44	6.43	317.57	0.29	42.22
4.698	24.04	6.15	0.44	6.42	381.85	0.29	42.22
4.714	24.04	6.15	0.44	6.4	623.27	0.29	42.22
4.737	24.04	6.15	0.44	6.4	570.63	0.29	42.22
4.746	24.04	6.15	0.46	6.34	423.33	0.3	42.22
4.747	24.04	6.15	0.46	6.33	415.79	0.3	42.22
4.76	24.04	6.15	0.44	6.32	456.34	0.3	42.22
4.78	24.04	6.15	0.44	6.32	520.16	0.3	42.22
4.797	24.04	6.15	0.46	6.32	393.31	0.33	42.22
4.808	24.04	6.15	0.46	6.33	536.0	0.33	42.22
4.823	24.04	6.15	0.46	6.34	472.81	0.33	42.22
4.826	24.03	6.15	0.46	6.34	493.97	0.33	42.22
4.827	24.03	6.15	0.46	6.34	382.19	0.44	42.22
4.836	24.03	6.15	0.46	6.33	649.74	0.44	42.22
4.849	24.03	6.15	0.46	6.32	466.44	0.44	42.22
4.858	24.03	6.15	0.46	6.3	295.63	0.44	42.22
4.859	24.03	6.15	0.51	6.28	616.35	0.45	42.22
4.861	24.03	6.15	0.51	6.28	353.92	0.45	42.22
4.863	24.04	6.15	0.51	6.29	422.68	0.45	42.22
4.867	24.04	6.15	0.51	6.29	587.88	0.49	42.22
4.877	24.04	6.15	0.51	6.3	381.68	0.49	42.22
4.882	24.04	6.15	0.56	6.36	434.98	0.49	42.22
4.889	24.04	6.15	0.56	6.37	466.03	0.49	42.22
4.894	24.04	6.15	0.51	6.34	432.03	0.5	42.22
4.901	24.04	6.15	0.54	6.34	379.52	0.51	42.22
4.913	24.04	6.15	0.54	6.32	361.59	0.52	42.22
4.919	24.04	6.15	0.54	6.31	384.37	0.52	42.22
4.92	24.04	6.15	0.54	6.31	305.23	0.52	42.22
4.921	24.04	6.15	0.54	6.29	256.2	0.54	42.22
4.924	24.04	6.15	0.54	6.29	309.81	0.54	42.22
4.927	24.04	6.15	0.54	6.29	309.68	0.54	42.22
4.929	24.04	6.15	0.54	6.3	359.07	0.52	42.22
4.933	24.04	6.15	0.54	6.31	528.54	0.52	42.22
4.936	24.04	6.15	0.54	6.33	432.79	0.52	42.22
4.938	24.04	6.15	0.54	6.34	341.36	0.52	42.22
4.94	24.04	6.15	0.54	6.34	398.68	0.56	42.22

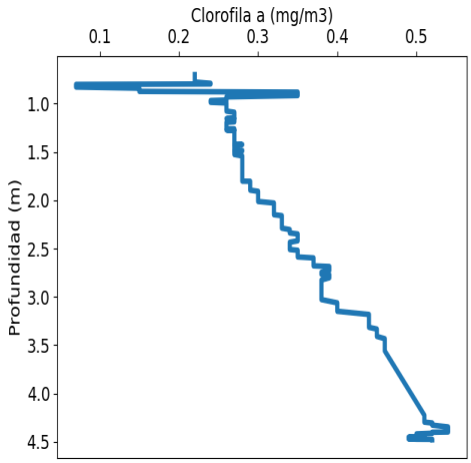
Nombre: CTD E12 - Punto 007 **Fecha: 05/06/2023** **Hora: 09:06:28**

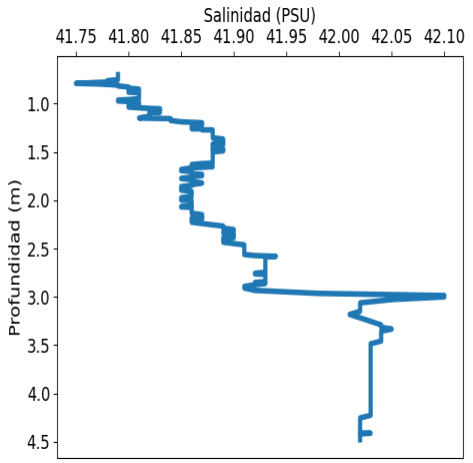


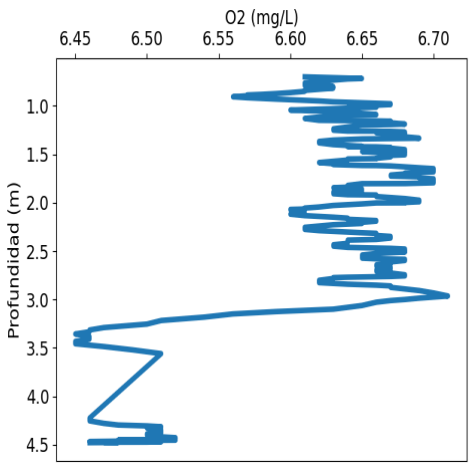


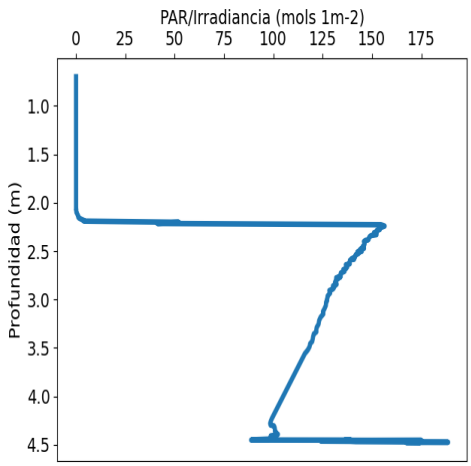












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.83	6.08	0.37	6.45	0.12	0.07	41.75
PROF (metros)	2.073	1.694	0.802	3.356	0.701	0.802	0.791
MÁXIMO	24.24	24.24	2.5	6.71	188.57	0.54	42.1
PROF (metros)	0.701	3.457	4.225	2.964	4.474	4.346	2.986

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.17	6.11	0.61	6.62	0.12	0.22	41.79
1 - 2m	23.98	6.09	0.57	6.66	0.12	0.28	41.86
2 - 3m	23.87	6.09	0.54	6.65	106.03	0.35	41.9
3 - 4m	24.09	6.13	1.55	6.53	122.44	0.43	42.04
4 - 5m	24.1	6.13	2.3	6.5	117.29	0.52	42.02

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	24.24	6.12	0.7	6.61	0.12	0.22	41.79
0.709	24.24	6.12	0.7	6.63	0.12	0.22	41.79
0.718	24.24	6.12	0.7	6.65	0.12	0.22	41.79
0.723	24.24	6.12	0.7	6.64	0.12	0.22	41.79
0.735	24.24	6.12	0.63	6.63	0.12	0.22	41.79
0.753	24.24	6.12	0.63	6.62	0.12	0.22	41.79
0.764	24.24	6.12	0.63	6.61	0.12	0.22	41.78
0.777	24.24	6.11	0.63	6.61	0.12	0.22	41.78
0.791	24.24	6.11	0.8	6.61	0.12	0.24	41.75
0.796	24.2	6.11	0.8	6.62	0.12	0.24	41.77
0.797	24.19	6.11	0.8	6.62	0.12	0.24	41.77
0.802	24.17	6.11	0.36	6.63	0.12	0.07	41.78
0.808	24.16	6.11	0.36	6.62	0.12	0.07	41.79
0.815	24.15	6.11	0.36	6.63	0.12	0.07	41.79
0.818	24.14	6.1	0.36	6.63	0.12	0.07	41.79
0.829	24.14	6.1	0.36	6.62	0.12	0.07	41.8
0.841	24.13	6.1	0.56	6.61	0.12	0.15	41.8
0.851	24.13	6.11	0.56	6.61	0.12	0.15	41.81
0.864	24.13	6.1	0.56	6.6	0.12	0.15	41.81
0.874	24.13	6.1	0.56	6.59	0.12	0.15	41.8
0.882	24.13	6.1	0.73	6.58	0.12	0.35	41.8
0.888	24.13	6.1	0.73	6.57	0.12	0.35	41.81
0.896	24.13	6.11	0.73	6.57	0.12	0.35	41.81
0.907	24.13	6.11	0.73	6.56	0.12	0.35	41.81
0.917	24.13	6.11	0.73	6.57	0.12	0.35	41.81
0.931	24.14	6.11	0.61	6.59	0.12	0.26	41.81
0.95	24.14	6.11	0.61	6.62	0.12	0.26	41.81
0.959	24.14	6.11	0.61	6.63	0.12	0.26	41.8
0.964	24.14	6.1	0.61	6.64	0.12	0.26	41.79
0.969	24.14	6.1	0.58	6.65	0.12	0.24	41.79
0.973	24.13	6.1	0.58	6.66	0.12	0.24	41.79
0.979	24.12	6.1	0.58	6.67	0.12	0.24	41.8
0.987	24.12	6.1	0.58	6.67	0.12	0.24	41.81
0.994	24.12	6.1	0.61	6.66	0.12	0.26	41.81
1.004	24.12	6.1	0.61	6.66	0.12	0.26	41.81
1.015	24.12	6.1	0.61	6.66	0.12	0.26	41.81
1.02	24.12	6.1	0.61	6.64	0.12	0.26	41.8

1.025	24.12	6.1	0.61	6.64	0.12	0.26	41.8
1.03	24.12	6.1	0.61	6.63	0.12	0.26	41.8
1.036	24.11	6.1	0.61	6.62	0.12	0.26	41.8
1.044	24.1	6.1	0.61	6.6	0.12	0.26	41.81
1.05	24.09	6.1	0.61	6.61	0.12	0.26	41.82
1.054	24.09	6.1	0.58	6.62	0.12	0.26	41.83
1.062	24.09	6.1	0.58	6.64	0.12	0.26	41.83
1.078	24.09	6.1	0.58	6.65	0.12	0.26	41.82
1.09	24.09	6.1	0.58	6.66	0.12	0.27	41.83
1.093	24.1	6.1	0.58	6.66	0.12	0.27	41.82
1.096	24.1	6.1	0.58	6.64	0.12	0.27	41.82
1.105	24.1	6.1	0.58	6.63	0.12	0.27	41.82
1.116	24.1	6.1	0.58	6.62	0.12	0.27	41.82
1.131	24.11	6.1	0.58	6.61	0.12	0.27	41.82
1.15	24.11	6.1	0.58	6.62	0.12	0.27	41.81
1.156	24.06	6.1	0.61	6.66	0.12	0.26	41.84
1.159	24.06	6.1	0.61	6.67	0.12	0.27	41.84
1.166	24.04	6.1	0.63	6.66	0.12	0.27	41.84
1.175	24.03	6.1	0.63	6.67	0.12	0.27	41.84
1.189	24.02	6.1	0.63	6.68	0.12	0.27	41.85
1.194	24.01	6.1	0.61	6.67	0.12	0.26	41.86
1.199	24.01	6.1	0.61	6.65	0.12	0.26	41.87
1.218	24.01	6.1	0.61	6.64	0.12	0.26	41.87
1.238	24.01	6.1	0.58	6.63	0.12	0.26	41.86
1.252	24.01	6.1	0.58	6.63	0.12	0.26	41.86
1.261	24.01	6.1	0.58	6.64	0.12	0.26	41.86
1.262	24.0	6.1	0.58	6.66	0.12	0.27	41.87
1.266	24.0	6.1	0.58	6.67	0.12	0.27	41.87
1.272	24.0	6.1	0.58	6.68	0.12	0.27	41.87
1.273	24.0	6.1	0.56	6.66	0.12	0.26	41.88
1.279	24.0	6.1	0.56	6.66	0.12	0.27	41.88
1.296	24.0	6.1	0.56	6.68	0.12	0.27	41.88
1.32	24.0	6.1	0.56	6.68	0.12	0.27	41.88
1.335	24.0	6.1	0.56	6.69	0.13	0.27	41.88
1.338	24.0	6.1	0.56	6.67	0.12	0.27	41.88
1.342	23.99	6.1	0.56	6.65	0.12	0.27	41.88
1.354	24.0	6.1	0.56	6.63	0.12	0.27	41.88
1.368	24.0	6.1	0.56	6.62	0.12	0.27	41.89
1.383	24.0	6.1	0.56	6.62	0.12	0.27	41.89
1.401	24.0	6.1	0.56	6.63	0.12	0.27	41.89
1.418	24.0	6.1	0.56	6.65	0.13	0.27	41.88
1.422	24.0	6.1	0.56	6.64	0.12	0.27	41.89
1.424	24.0	6.1	0.58	6.66	0.12	0.28	41.89
1.43	23.99	6.1	0.58	6.67	0.12	0.27	41.88
1.438	23.99	6.1	0.58	6.67	0.12	0.27	41.88
1.452	23.99	6.1	0.58	6.68	0.12	0.27	41.88
1.465	23.99	6.1	0.58	6.68	0.13	0.27	41.88
1.467	23.98	6.1	0.58	6.68	0.12	0.27	41.88
1.471	23.98	6.1	0.58	6.66	0.12	0.27	41.89
1.472	23.98	6.1	0.56	6.65	0.14	0.27	41.88
1.482	23.98	6.1	0.56	6.66	0.12	0.27	41.89
1.485	23.98	6.1	0.58	6.67	0.12	0.28	41.89
1.49	23.98	6.1	0.58	6.68	0.12	0.28	41.89
1.5	23.98	6.1	0.58	6.68	0.12	0.27	41.88
1.506	23.98	6.1	0.58	6.68	0.12	0.27	41.88
1.512	23.98	6.1	0.58	6.67	0.12	0.27	41.88
1.527	23.98	6.1	0.58	6.67	0.12	0.27	41.88
1.542	23.98	6.1	0.58	6.66	0.12	0.28	41.88

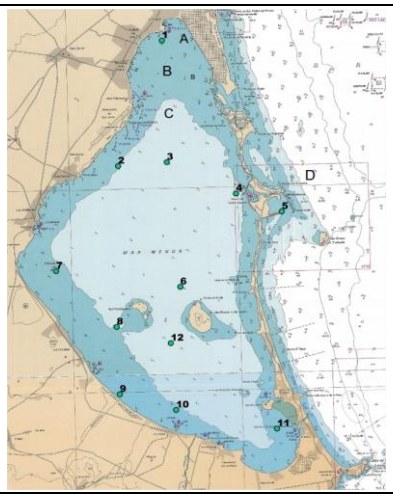
1.546	23.98	6.1	0.58	6.66	0.12	0.28	41.88
1.549	23.98	6.1	0.58	6.64	0.12	0.28	41.88
1.56	23.98	6.1	0.58	6.64	0.12	0.28	41.88
1.573	23.97	6.1	0.58	6.63	0.12	0.28	41.88
1.586	23.97	6.1	0.61	6.62	0.12	0.28	41.88
1.598	23.97	6.09	0.61	6.63	0.12	0.28	41.88
1.607	23.97	6.09	0.61	6.63	0.14	0.28	41.88
1.616	23.97	6.09	0.61	6.65	0.14	0.28	41.88
1.617	23.97	6.09	0.56	6.66	0.12	0.28	41.88
1.621	23.96	6.09	0.56	6.67	0.12	0.28	41.87
1.631	23.96	6.09	0.56	6.68	0.12	0.28	41.86
1.64	23.95	6.09	0.56	6.69	0.15	0.28	41.86
1.649	23.95	6.09	0.63	6.7	0.12	0.28	41.87
1.653	23.94	6.09	0.63	6.7	0.12	0.28	41.88
1.665	23.94	6.09	0.63	6.7	0.12	0.28	41.86
1.682	23.94	6.09	0.63	6.7	0.12	0.28	41.85
1.689	23.93	6.09	0.63	6.69	0.12	0.28	41.85
1.694	23.92	6.08	0.56	6.68	0.12	0.28	41.85
1.703	23.91	6.08	0.56	6.68	0.13	0.28	41.86
1.715	23.9	6.08	0.56	6.67	0.12	0.28	41.86
1.726	23.9	6.08	0.56	6.67	0.12	0.28	41.86
1.733	23.9	6.08	0.56	6.69	0.12	0.28	41.87
1.746	23.9	6.08	0.56	6.69	0.12	0.28	41.87
1.754	23.89	6.08	0.56	6.7	0.12	0.28	41.86
1.76	23.89	6.08	0.56	6.7	0.12	0.28	41.86
1.775	23.89	6.08	0.56	6.7	0.12	0.28	41.85
1.788	23.89	6.08	0.56	6.7	0.12	0.28	41.86
1.795	23.88	6.08	0.56	6.7	0.12	0.28	41.86
1.803	23.88	6.08	0.56	6.68	0.12	0.28	41.86
1.804	23.87	6.08	0.54	6.65	0.13	0.29	41.86
1.822	23.87	6.08	0.54	6.64	0.12	0.29	41.87
1.84	23.87	6.08	0.54	6.64	0.12	0.29	41.86
1.846	23.87	6.08	0.54	6.63	0.12	0.29	41.86
1.859	23.87	6.08	0.54	6.65	0.12	0.29	41.85
1.88	23.87	6.08	0.54	6.65	0.12	0.29	41.85
1.889	23.86	6.08	0.54	6.63	0.12	0.29	41.85
1.896	23.86	6.08	0.54	6.63	0.12	0.29	41.85
1.908	23.86	6.08	0.54	6.63	0.12	0.3	41.86
1.918	23.86	6.08	0.54	6.64	0.12	0.3	41.86
1.921	23.86	6.08	0.54	6.66	0.12	0.3	41.86
1.925	23.86	6.08	0.54	6.66	0.12	0.3	41.86
1.937	23.85	6.08	0.51	6.66	0.12	0.3	41.86
1.948	23.85	6.08	0.51	6.67	0.12	0.3	41.86
1.958	23.85	6.08	0.51	6.68	0.12	0.3	41.86
1.975	23.85	6.08	0.51	6.69	0.13	0.3	41.85
1.991	23.85	6.08	0.51	6.69	0.12	0.3	41.85
1.998	23.84	6.08	0.51	6.68	0.12	0.3	41.85
2.002	23.84	6.08	0.51	6.68	0.12	0.3	41.86
2.003	23.84	6.08	0.51	6.66	0.12	0.3	41.86
2.013	23.84	6.08	0.51	6.65	0.12	0.3	41.86
2.029	23.84	6.08	0.54	6.63	0.12	0.32	41.86
2.045	23.84	6.08	0.54	6.62	0.13	0.32	41.86
2.056	23.84	6.08	0.54	6.61	0.13	0.32	41.86
2.066	23.84	6.08	0.54	6.61	0.13	0.32	41.85
2.07	23.84	6.08	0.54	6.6	0.26	0.32	41.85
2.073	23.83	6.08	0.54	6.6	0.24	0.32	41.86
2.083	23.83	6.08	0.54	6.61	0.22	0.32	41.86
2.095	23.83	6.08	0.54	6.61	0.29	0.32	41.86

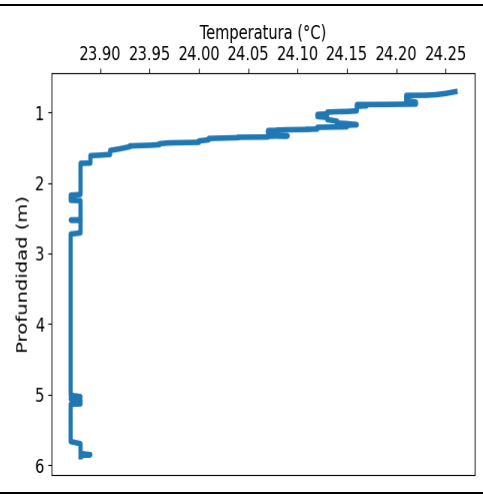
2.101	23.83	6.08	0.54	6.61	0.32	0.32	41.86
2.108	23.83	6.08	0.61	6.61	0.57	0.32	41.86
2.119	23.83	6.08	0.61	6.6	0.77	0.32	41.86
2.134	23.83	6.08	0.61	6.61	1.17	0.32	41.86
2.15	23.83	6.08	0.61	6.63	1.27	0.32	41.87
2.16	23.83	6.08	0.54	6.64	1.71	0.33	41.87
2.172	23.84	6.08	0.54	6.64	2.94	0.33	41.87
2.185	23.84	6.08	0.54	6.66	4.2	0.33	41.86
2.187	23.84	6.08	0.54	6.66	3.87	0.33	41.87
2.191	23.84	6.08	0.54	6.66	4.62	0.33	41.87
2.203	23.84	6.08	0.54	6.65	52.19	0.33	41.86
2.215	23.84	6.08	0.54	6.65	41.32	0.33	41.86
2.228	23.84	6.08	0.54	6.63	154.54	0.33	41.86
2.242	23.84	6.08	0.54	6.62	156.41	0.33	41.87
2.255	23.84	6.08	0.54	6.61	154.71	0.33	41.88
2.268	23.84	6.08	0.54	6.61	153.43	0.33	41.89
2.276	23.85	6.08	0.54	6.61	154.03	0.33	41.89
2.289	23.85	6.08	0.54	6.62	152.36	0.33	41.89
2.304	23.85	6.08	0.56	6.64	152.49	0.34	41.9
2.311	23.86	6.08	0.56	6.65	151.0	0.34	41.9
2.317	23.86	6.08	0.56	6.66	151.49	0.34	41.9
2.33	23.87	6.08	0.56	6.66	152.32	0.34	41.89
2.339	23.87	6.08	0.56	6.66	149.75	0.34	41.89
2.349	23.87	6.08	0.54	6.67	148.9	0.35	41.9
2.365	23.87	6.09	0.54	6.67	148.44	0.35	41.9
2.38	23.87	6.09	0.54	6.66	148.28	0.35	41.9
2.387	23.87	6.09	0.56	6.64	147.82	0.35	41.9
2.389	23.87	6.08	0.56	6.64	146.76	0.35	41.89
2.402	23.87	6.08	0.56	6.64	145.89	0.35	41.89
2.42	23.87	6.08	0.56	6.64	146.34	0.35	41.89
2.435	23.87	6.08	0.54	6.63	146.15	0.34	41.89
2.449	23.87	6.09	0.54	6.63	145.45	0.34	41.9
2.462	23.87	6.09	0.54	6.64	145.13	0.34	41.91
2.472	23.88	6.09	0.54	6.67	145.99	0.34	41.91
2.479	23.88	6.09	0.54	6.68	144.24	0.34	41.91
2.49	23.88	6.09	0.54	6.68	143.8	0.34	41.91
2.502	23.89	6.09	0.54	6.68	144.88	0.34	41.91
2.507	23.89	6.09	0.54	6.67	142.77	0.34	41.91
2.51	23.89	6.09	0.54	6.68	143.96	0.34	41.91
2.518	23.89	6.09	0.54	6.67	142.52	0.35	41.91
2.525	23.89	6.09	0.54	6.66	143.17	0.35	41.91
2.541	23.89	6.09	0.54	6.65	141.68	0.35	41.91
2.562	23.89	6.09	0.54	6.65	141.43	0.35	41.91
2.573	23.89	6.09	0.54	6.65	140.26	0.35	41.92
2.58	23.89	6.09	0.54	6.66	139.64	0.35	41.94
2.585	23.89	6.09	0.54	6.68	140.93	0.35	41.93
2.587	23.9	6.09	0.54	6.68	139.67	0.35	41.93
2.597	23.9	6.09	0.51	6.68	138.79	0.37	41.93
2.612	23.9	6.09	0.51	6.67	138.79	0.37	41.93
2.623	23.9	6.09	0.51	6.67	138.58	0.37	41.93
2.631	23.9	6.09	0.51	6.67	138.79	0.37	41.93
2.642	23.9	6.09	0.54	6.66	136.74	0.37	41.93
2.656	23.9	6.09	0.54	6.66	136.98	0.37	41.93
2.665	23.9	6.09	0.54	6.67	137.46	0.37	41.93
2.671	23.9	6.09	0.54	6.67	137.13	0.37	41.93
2.679	23.9	6.09	0.54	6.67	136.92	0.37	41.93
2.686	23.9	6.09	0.54	6.67	136.2	0.39	41.93
2.693	23.9	6.09	0.54	6.66	135.4	0.39	41.93

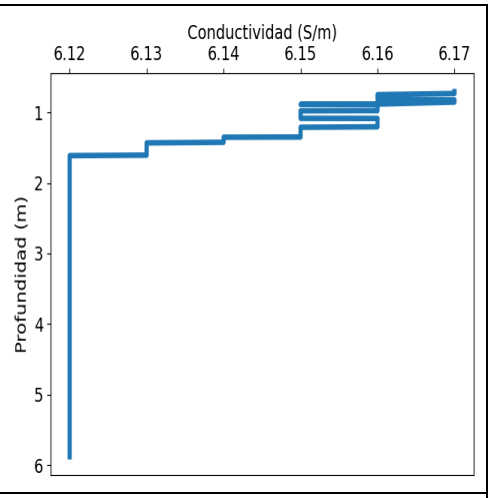
2.709	23.9	6.09	0.54	6.66	136.11	0.39	41.93
2.727	23.9	6.09	0.54	6.67	134.19	0.39	41.93
2.745	23.9	6.09	0.56	6.68	134.13	0.38	41.93
2.756	23.9	6.09	0.56	6.68	134.22	0.38	41.92
2.762	23.9	6.09	0.56	6.67	133.52	0.38	41.92
2.767	23.89	6.09	0.56	6.65	132.96	0.38	41.93
2.77	23.89	6.09	0.56	6.64	133.96	0.39	41.93
2.774	23.89	6.09	0.56	6.63	133.14	0.39	41.93
2.776	23.89	6.09	0.56	6.63	131.86	0.39	41.93
2.783	23.89	6.09	0.56	6.63	132.99	0.39	41.93
2.802	23.89	6.09	0.56	6.62	131.74	0.39	41.93
2.826	23.89	6.09	0.54	6.62	131.23	0.38	41.93
2.842	23.89	6.09	0.54	6.64	132.12	0.38	41.93
2.852	23.89	6.09	0.54	6.66	131.54	0.38	41.92
2.86	23.89	6.09	0.54	6.67	130.23	0.38	41.93
2.875	23.89	6.09	0.54	6.67	130.83	0.38	41.92
2.892	23.89	6.09	0.54	6.68	130.25	0.38	41.91
2.908	23.89	6.09	0.54	6.69	128.39	0.38	41.91
2.933	23.89	6.09	0.54	6.7	128.84	0.38	41.92
2.964	23.89	6.1	0.54	6.71	127.54	0.38	41.98
2.986	23.9	6.11	0.54	6.69	127.41	0.38	42.1
3.0	23.95	6.12	0.54	6.68	127.18	0.38	42.1
3.011	24.0	6.12	0.54	6.67	127.32	0.38	42.08
3.028	24.04	6.13	0.54	6.66	126.77	0.38	42.05
3.062	24.06	6.12	0.75	6.65	126.65	0.4	42.02
3.1	24.07	6.12	0.75	6.63	125.85	0.4	42.02
3.125	24.08	6.13	0.75	6.59	125.17	0.4	42.02
3.149	24.08	6.13	0.75	6.56	125.39	0.4	42.02
3.182	24.08	6.13	1.7	6.54	124.02	0.44	42.01
3.217	24.08	6.13	1.7	6.51	123.24	0.44	42.02
3.254	24.08	6.13	1.7	6.5	122.97	0.44	42.03
3.29	24.09	6.13	1.7	6.47	121.97	0.44	42.04
3.315	24.1	6.13	1.7	6.46	121.79	0.44	42.04
3.333	24.11	6.13	1.97	6.46	121.89	0.45	42.05
3.356	24.11	6.13	1.97	6.45	120.54	0.45	42.04
3.382	24.12	6.13	1.97	6.46	120.2	0.45	42.04
3.409	24.12	6.13	1.97	6.46	119.99	0.45	42.04
3.433	24.13	6.13	2.31	6.45	119.73	0.46	42.04
3.457	24.13	6.14	2.31	6.45	118.66	0.46	42.04
3.486	24.14	6.13	2.31	6.47	118.42	0.46	42.03
3.52	24.14	6.13	2.31	6.49	117.54	0.46	42.03
3.559	24.14	6.13	2.31	6.51	116.01	0.46	42.03
4.225	24.11	6.13	2.5	6.46	99.4	0.51	42.03
4.253	24.11	6.13	2.5	6.46	98.81	0.51	42.02
4.279	24.11	6.13	2.5	6.47	98.44	0.51	42.02
4.296	24.11	6.13	2.5	6.48	98.62	0.51	42.02
4.305	24.1	6.13	2.45	6.5	100.34	0.52	42.02
4.314	24.1	6.13	2.45	6.51	100.58	0.52	42.02
4.327	24.09	6.13	2.45	6.5	100.75	0.52	42.02
4.346	24.09	6.13	2.11	6.51	100.87	0.54	42.02
4.363	24.09	6.13	2.11	6.51	100.87	0.54	42.02
4.375	24.09	6.13	2.11	6.51	101.57	0.54	42.02
4.382	24.09	6.13	2.11	6.51	101.42	0.54	42.02
4.387	24.09	6.13	2.11	6.5	101.75	0.54	42.02
4.392	24.09	6.13	2.11	6.5	102.38	0.54	42.02
4.398	24.09	6.13	2.11	6.5	101.8	0.54	42.02
4.401	24.09	6.13	2.26	6.5	101.62	0.52	42.02
4.404	24.09	6.13	2.26	6.51	100.18	0.52	42.02

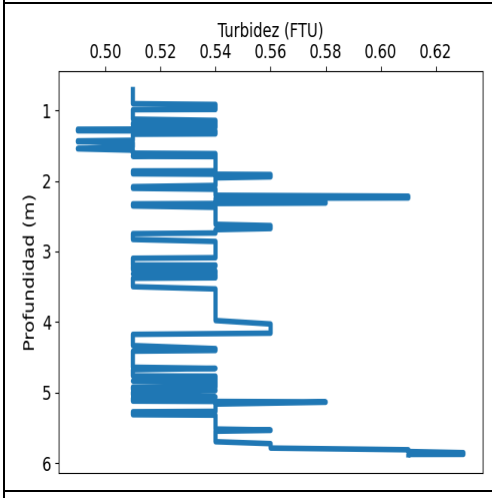
4.408	24.09	6.13	2.26	6.51	98.77	0.52	42.02
4.411	24.09	6.13	2.26	6.51	98.92	0.52	42.03
4.418	24.1	6.13	2.26	6.51	98.68	0.5	42.02
4.427	24.1	6.13	2.26	6.52	98.92	0.5	42.02
4.434	24.1	6.13	2.26	6.52	99.29	0.5	42.02
4.438	24.1	6.13	2.26	6.52	98.6	0.5	42.02
4.441	24.1	6.13	2.28	6.51	98.23	0.51	42.02
4.444	24.1	6.13	2.28	6.51	94.21	0.51	42.02
4.446	24.1	6.13	2.28	6.51	91.82	0.51	42.02
4.448	24.1	6.13	2.28	6.5	90.33	0.51	42.02
4.451	24.1	6.13	2.36	6.48	88.8	0.51	42.02
4.452	24.11	6.13	2.33	6.52	139.34	0.49	42.02
4.454	24.1	6.13	2.43	6.5	136.05	0.51	42.02
4.455	24.1	6.13	2.43	6.49	175.04	0.51	42.02
4.456	24.1	6.13	2.43	6.5	159.46	0.5	42.02
4.458	24.1	6.13	2.43	6.5	141.61	0.5	42.02
4.462	24.1	6.13	2.38	6.48	124.13	0.5	42.02
4.464	24.1	6.13	2.38	6.47	139.0	0.5	42.02
4.467	24.1	6.13	2.38	6.46	141.96	0.5	42.02
4.469	24.11	6.13	2.31	6.51	158.62	0.49	42.02
4.473	24.11	6.13	2.28	6.5	180.89	0.5	42.02
4.474	24.11	6.13	2.21	6.47	188.57	0.52	42.02
4.476	24.11	6.13	2.21	6.48	167.29	0.52	42.02
4.478	24.11	6.13	2.21	6.46	173.52	0.52	42.02

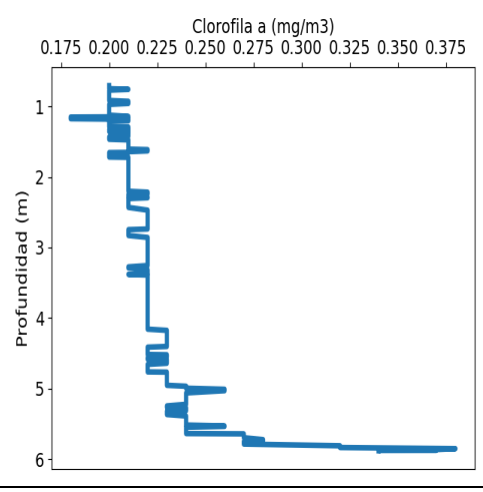
Nombre: CTD E11 - Punto 008 **Fecha: 05/06/2023** **Hora: 10:06:20**

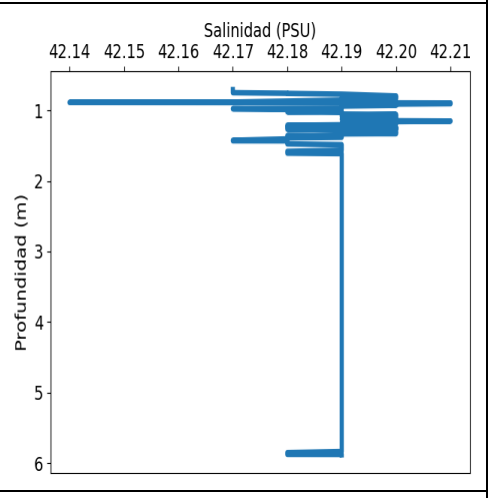


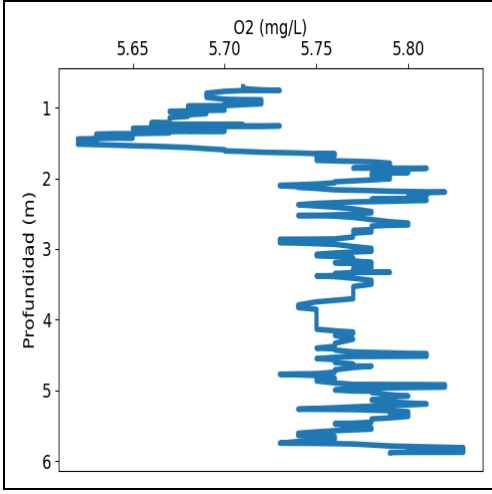


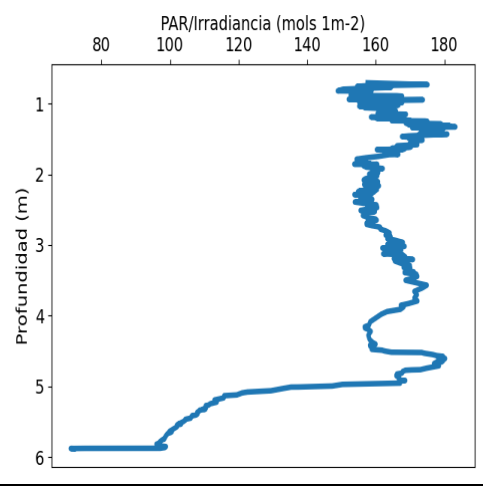












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.87	6.12	0.49	5.62	71.03	0.18	42.14
PROF (metros)	2.175	1.614	1.268	1.445	5.88	1.152	0.888
MÁXIMO	24.26	24.26	0.63	5.83	183.2	0.38	42.21
PROF (metros)	0.707	0.707	5.853	5.812	1.33	5.853	0.896

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.19	6.16	0.52	5.7	160.12	0.2	42.18
1 - 2m	24.0	6.14	0.52	5.7	167.25	0.2	42.19
2 - 3m	23.88	6.12	0.54	5.77	159.05	0.21	42.19
3 - 4m	23.87	6.12	0.53	5.76	168.14	0.22	42.19
4 - 5m	23.87	6.12	0.52	5.77	166.58	0.23	42.19
5 - 6m	23.88	6.12	0.55	5.78	105.99	0.26	42.19

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.707	24.26	6.17	0.51	5.71	157.58	0.2	42.17
0.733	24.25	6.17	0.51	5.71	175.08	0.2	42.17
0.75	24.24	6.16	0.51	5.72	156.72	0.2	42.17
0.758	24.23	6.16	0.51	5.73	154.51	0.21	42.18
0.76	24.21	6.16	0.51	5.71	159.04	0.21	42.18
0.771	24.21	6.16	0.51	5.7	164.42	0.2	42.19
0.797	24.21	6.16	0.51	5.69	150.47	0.2	42.2
0.821	24.21	6.16	0.51	5.69	148.86	0.2	42.19
0.824	24.21	6.17	0.51	5.69	158.72	0.2	42.2
0.832	24.21	6.17	0.51	5.69	155.15	0.2	42.2
0.855	24.22	6.17	0.51	5.69	155.32	0.2	42.19
0.883	24.22	6.16	0.51	5.7	152.62	0.2	42.17
0.888	24.19	6.15	0.51	5.71	157.2	0.2	42.14
0.89	24.16	6.16	0.51	5.72	166.08	0.2	42.17
0.896	24.16	6.16	0.51	5.72	167.65	0.2	42.21
0.906	24.17	6.16	0.51	5.7	159.39	0.2	42.21
0.917	24.16	6.16	0.54	5.72	165.14	0.2	42.19
0.929	24.16	6.16	0.54	5.72	163.95	0.21	42.2
0.94	24.16	6.16	0.54	5.72	152.06	0.21	42.19
0.947	24.16	6.16	0.54	5.72	173.71	0.21	42.19
0.959	24.16	6.16	0.54	5.71	161.32	0.21	42.19
0.973	24.16	6.16	0.54	5.7	161.07	0.2	42.19
0.976	24.16	6.16	0.54	5.68	155.08	0.2	42.17
0.979	24.16	6.15	0.54	5.68	162.24	0.2	42.17
0.988	24.15	6.15	0.54	5.68	167.65	0.2	42.18
0.991	24.14	6.15	0.51	5.69	164.38	0.2	42.18
0.997	24.13	6.15	0.51	5.68	157.72	0.2	42.18
1.012	24.13	6.15	0.51	5.69	164.96	0.2	42.19
1.022	24.13	6.15	0.51	5.69	166.59	0.2	42.18
1.03	24.12	6.15	0.51	5.7	163.56	0.2	42.19
1.037	24.12	6.15	0.51	5.7	155.12	0.2	42.19
1.041	24.12	6.15	0.51	5.69	161.1	0.2	42.19
1.048	24.12	6.15	0.51	5.68	163.91	0.2	42.19
1.053	24.12	6.15	0.51	5.67	161.74	0.2	42.19
1.059	24.12	6.15	0.51	5.67	156.72	0.2	42.2
1.073	24.13	6.15	0.51	5.68	163.06	0.2	42.19

1.085	24.13	6.15	0.51	5.69	164.02	0.2	42.19
1.087	24.13	6.16	0.51	5.69	163.81	0.2	42.2
1.103	24.13	6.16	0.51	5.68	165.83	0.2	42.2
1.125	24.14	6.16	0.51	5.68	160.79	0.2	42.19
1.143	24.14	6.16	0.54	5.67	160.47	0.21	42.2
1.148	24.14	6.16	0.54	5.67	164.92	0.21	42.2
1.152	24.14	6.16	0.54	5.67	168.79	0.18	42.21
1.16	24.15	6.16	0.54	5.67	160.58	0.18	42.2
1.176	24.16	6.16	0.54	5.67	161.85	0.18	42.2
1.184	24.15	6.16	0.51	5.67	165.97	0.21	42.19
1.191	24.15	6.16	0.51	5.67	158.55	0.21	42.2
1.205	24.15	6.16	0.51	5.67	165.1	0.21	42.19
1.212	24.12	6.15	0.54	5.67	160.3	0.2	42.18
1.215	24.12	6.15	0.54	5.66	165.32	0.2	42.19
1.226	24.12	6.15	0.54	5.67	166.37	0.2	42.19
1.237	24.12	6.15	0.54	5.67	169.94	0.2	42.18
1.241	24.11	6.15	0.54	5.7	166.81	0.2	42.19
1.243	24.11	6.15	0.51	5.71	164.6	0.2	42.2
1.247	24.09	6.15	0.51	5.68	174.32	0.2	42.19
1.251	24.08	6.15	0.51	5.66	175.0	0.2	42.2
1.256	24.08	6.15	0.51	5.68	171.03	0.2	42.19
1.258	24.07	6.15	0.51	5.72	174.16	0.2	42.2
1.26	24.07	6.15	0.51	5.73	171.93	0.2	42.19
1.266	24.07	6.15	0.51	5.72	175.0	0.2	42.2
1.268	24.08	6.15	0.49	5.7	174.01	0.2	42.18
1.276	24.07	6.15	0.49	5.68	168.68	0.2	42.19
1.29	24.07	6.15	0.49	5.66	179.03	0.2	42.19
1.293	24.07	6.15	0.54	5.65	173.63	0.21	42.19
1.301	24.08	6.15	0.54	5.65	169.57	0.21	42.2
1.313	24.08	6.15	0.54	5.66	181.48	0.21	42.19
1.316	24.08	6.15	0.54	5.68	181.6	0.21	42.19
1.32	24.08	6.15	0.54	5.68	175.73	0.21	42.19
1.325	24.08	6.15	0.54	5.68	175.66	0.21	42.19
1.33	24.08	6.15	0.54	5.68	183.2	0.2	42.2
1.334	24.09	6.15	0.54	5.7	179.07	0.2	42.19
1.339	24.07	6.15	0.51	5.67	178.25	0.21	42.19
1.341	24.07	6.15	0.51	5.66	170.54	0.21	42.19
1.35	24.07	6.15	0.51	5.66	177.74	0.21	42.19
1.353	24.04	6.14	0.51	5.67	176.08	0.2	42.19
1.359	24.04	6.14	0.51	5.67	179.66	0.2	42.18
1.369	24.01	6.14	0.51	5.65	178.52	0.21	42.19
1.37	24.01	6.14	0.51	5.64	174.81	0.21	42.19
1.376	24.01	6.14	0.51	5.63	173.1	0.21	42.19
1.382	24.01	6.14	0.51	5.63	173.71	0.21	42.19
1.39	24.01	6.14	0.51	5.63	177.24	0.21	42.18
1.405	24.0	6.14	0.51	5.63	176.81	0.21	42.18
1.425	24.0	6.14	0.51	5.64	174.62	0.21	42.17
1.432	23.97	6.13	0.49	5.65	172.64	0.2	42.17
1.433	23.97	6.13	0.49	5.64	180.85	0.2	42.18
1.445	23.96	6.13	0.49	5.62	175.73	0.2	42.18
1.458	23.96	6.13	0.51	5.62	169.57	0.2	42.18
1.467	23.95	6.13	0.51	5.63	167.58	0.2	42.18
1.476	23.93	6.13	0.51	5.63	169.68	0.21	42.18
1.487	23.93	6.13	0.51	5.63	169.54	0.21	42.19
1.517	23.92	6.13	0.51	5.62	173.63	0.21	42.19
1.54	23.91	6.13	0.49	5.65	170.24	0.21	42.19
1.546	23.91	6.13	0.49	5.66	169.98	0.21	42.19
1.565	23.91	6.13	0.51	5.68	171.78	0.21	42.19

1.582	23.91	6.13	0.51	5.69	172.08	0.21	42.18
1.597	23.91	6.13	0.51	5.7	166.19	0.21	42.18
1.607	23.9	6.13	0.51	5.7	166.01	0.21	42.18
1.614	23.89	6.12	0.54	5.7	170.2	0.22	42.19
1.621	23.89	6.12	0.54	5.71	169.39	0.22	42.19
1.632	23.89	6.12	0.54	5.72	164.67	0.22	42.19
1.643	23.89	6.12	0.51	5.74	168.35	0.21	42.19
1.652	23.89	6.12	0.51	5.75	160.26	0.21	42.19
1.653	23.89	6.12	0.51	5.76	167.69	0.21	42.19
1.656	23.89	6.12	0.54	5.75	165.76	0.2	42.19
1.666	23.89	6.12	0.54	5.75	162.66	0.2	42.19
1.676	23.89	6.12	0.54	5.76	164.81	0.2	42.19
1.691	23.89	6.12	0.54	5.75	162.59	0.2	42.19
1.719	23.89	6.12	0.54	5.75	166.56	0.2	42.19
1.723	23.88	6.12	0.54	5.75	163.84	0.21	42.19
1.748	23.88	6.12	0.54	5.75	160.68	0.21	42.19
1.767	23.88	6.12	0.54	5.78	157.17	0.21	42.19
1.787	23.88	6.12	0.54	5.79	154.34	0.21	42.19
1.817	23.88	6.12	0.54	5.79	156.72	0.21	42.19
1.846	23.88	6.12	0.54	5.79	157.62	0.21	42.19
1.855	23.88	6.12	0.54	5.77	158.48	0.21	42.19
1.857	23.88	6.12	0.54	5.77	153.66	0.21	42.19
1.859	23.88	6.12	0.51	5.81	160.4	0.21	42.19
1.864	23.88	6.12	0.51	5.8	159.0	0.21	42.19
1.882	23.88	6.12	0.51	5.8	156.41	0.21	42.19
1.9	23.88	6.12	0.51	5.8	157.24	0.21	42.19
1.91	23.88	6.12	0.56	5.79	160.54	0.21	42.19
1.92	23.88	6.12	0.56	5.8	162.02	0.21	42.19
1.924	23.88	6.12	0.56	5.79	161.0	0.21	42.19
1.932	23.88	6.12	0.56	5.78	158.86	0.21	42.19
1.943	23.88	6.12	0.56	5.78	159.14	0.21	42.19
1.957	23.88	6.12	0.54	5.79	160.33	0.21	42.19
1.974	23.88	6.12	0.54	5.79	160.72	0.21	42.19
1.991	23.88	6.12	0.54	5.78	159.8	0.21	42.19
1.998	23.88	6.12	0.54	5.78	158.0	0.21	42.19
2.008	23.88	6.12	0.54	5.79	160.44	0.21	42.19
2.024	23.88	6.12	0.54	5.78	160.4	0.21	42.19
2.037	23.88	6.12	0.54	5.77	159.6	0.21	42.19
2.05	23.88	6.12	0.54	5.76	158.03	0.21	42.19
2.065	23.88	6.12	0.54	5.76	156.89	0.21	42.19
2.082	23.88	6.12	0.51	5.75	156.41	0.21	42.19
2.092	23.88	6.12	0.51	5.74	159.46	0.21	42.19
2.1	23.88	6.12	0.51	5.73	158.41	0.21	42.19
2.106	23.88	6.12	0.51	5.73	160.65	0.21	42.19
2.119	23.88	6.12	0.54	5.74	157.89	0.21	42.19
2.129	23.88	6.12	0.54	5.74	159.0	0.21	42.19
2.144	23.88	6.12	0.54	5.75	156.55	0.21	42.19
2.164	23.88	6.12	0.54	5.76	160.93	0.21	42.19
2.175	23.87	6.12	0.54	5.78	159.35	0.21	42.19
2.184	23.87	6.12	0.54	5.79	158.27	0.21	42.19
2.192	23.87	6.12	0.54	5.81	158.72	0.21	42.19
2.196	23.87	6.12	0.54	5.82	156.86	0.21	42.19
2.204	23.87	6.12	0.54	5.81	159.21	0.21	42.19
2.217	23.87	6.12	0.61	5.81	160.33	0.22	42.19
2.229	23.87	6.12	0.61	5.81	157.1	0.22	42.19
2.237	23.87	6.12	0.61	5.81	155.05	0.22	42.19
2.242	23.87	6.12	0.61	5.81	156.55	0.22	42.19
2.246	23.87	6.12	0.54	5.81	159.6	0.21	42.19

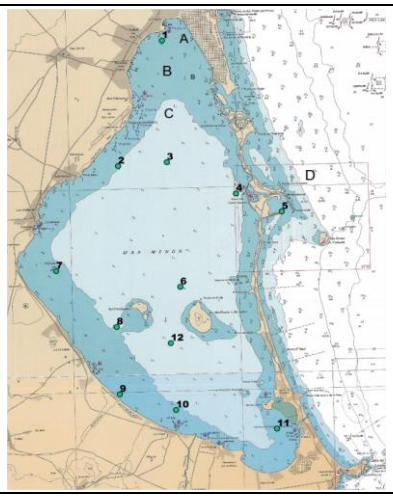
2.247	23.87	6.12	0.54	5.81	155.42	0.21	42.19
2.252	23.88	6.12	0.54	5.8	154.71	0.21	42.19
2.264	23.88	6.12	0.54	5.8	159.0	0.21	42.19
2.282	23.88	6.12	0.54	5.8	158.69	0.21	42.19
2.287	23.88	6.12	0.54	5.8	156.79	0.22	42.19
2.288	23.88	6.12	0.54	5.79	153.7	0.22	42.19
2.296	23.88	6.12	0.54	5.78	158.31	0.22	42.19
2.308	23.88	6.12	0.58	5.81	155.8	0.21	42.19
2.314	23.88	6.12	0.58	5.81	156.86	0.21	42.19
2.326	23.88	6.12	0.51	5.79	156.48	0.21	42.19
2.335	23.88	6.12	0.51	5.77	155.42	0.21	42.19
2.356	23.88	6.12	0.51	5.75	159.0	0.21	42.19
2.375	23.88	6.12	0.54	5.74	158.03	0.21	42.19
2.393	23.88	6.12	0.54	5.75	153.83	0.21	42.19
2.41	23.88	6.12	0.54	5.76	156.28	0.21	42.19
2.433	23.88	6.12	0.54	5.77	160.19	0.21	42.19
2.472	23.88	6.12	0.54	5.78	160.4	0.22	42.19
2.489	23.88	6.12	0.54	5.78	157.24	0.22	42.19
2.496	23.88	6.12	0.54	5.77	157.37	0.22	42.19
2.512	23.88	6.12	0.54	5.77	155.49	0.22	42.19
2.525	23.88	6.12	0.54	5.75	156.65	0.22	42.19
2.527	23.87	6.12	0.54	5.74	157.06	0.22	42.19
2.528	23.88	6.12	0.54	5.75	159.73	0.22	42.19
2.536	23.88	6.12	0.54	5.76	157.55	0.22	42.19
2.553	23.88	6.12	0.54	5.77	157.17	0.22	42.19
2.584	23.88	6.12	0.54	5.78	156.17	0.22	42.19
2.616	23.88	6.12	0.54	5.79	158.0	0.22	42.19
2.634	23.88	6.12	0.56	5.8	159.94	0.22	42.19
2.649	23.88	6.12	0.56	5.8	160.26	0.22	42.19
2.661	23.88	6.12	0.56	5.8	157.68	0.22	42.19
2.666	23.88	6.12	0.56	5.79	158.93	0.22	42.19
2.676	23.88	6.12	0.56	5.78	159.35	0.22	42.19
2.692	23.88	6.12	0.54	5.78	157.24	0.22	42.19
2.709	23.88	6.12	0.54	5.78	157.27	0.22	42.19
2.726	23.87	6.12	0.54	5.78	158.72	0.22	42.19
2.739	23.87	6.12	0.54	5.77	160.26	0.22	42.19
2.748	23.87	6.12	0.51	5.78	161.21	0.21	42.19
2.759	23.87	6.12	0.51	5.78	161.28	0.21	42.19
2.777	23.87	6.12	0.51	5.77	161.32	0.21	42.19
2.801	23.87	6.12	0.51	5.77	162.88	0.21	42.19
2.831	23.87	6.12	0.51	5.77	164.02	0.21	42.19
2.859	23.87	6.12	0.54	5.76	162.98	0.22	42.19
2.861	23.87	6.12	0.54	5.75	162.81	0.22	42.19
2.863	23.87	6.12	0.54	5.73	163.91	0.22	42.19
2.883	23.87	6.12	0.54	5.73	164.31	0.22	42.19
2.905	23.87	6.12	0.54	5.73	163.99	0.22	42.19
2.912	23.87	6.12	0.54	5.73	163.31	0.22	42.19
2.917	23.87	6.12	0.54	5.74	163.95	0.22	42.19
2.935	23.87	6.12	0.54	5.76	165.76	0.22	42.19
2.966	23.87	6.12	0.54	5.77	167.91	0.22	42.19
2.993	23.87	6.12	0.54	5.78	163.31	0.22	42.19
3.01	23.87	6.12	0.54	5.78	164.13	0.22	42.19
3.02	23.87	6.12	0.54	5.78	168.39	0.22	42.19
3.033	23.87	6.12	0.54	5.78	165.76	0.22	42.19
3.044	23.87	6.12	0.54	5.77	161.85	0.22	42.19
3.058	23.87	6.12	0.54	5.76	165.07	0.22	42.19
3.075	23.87	6.12	0.54	5.75	167.4	0.22	42.19
3.089	23.87	6.12	0.54	5.75	164.78	0.22	42.19

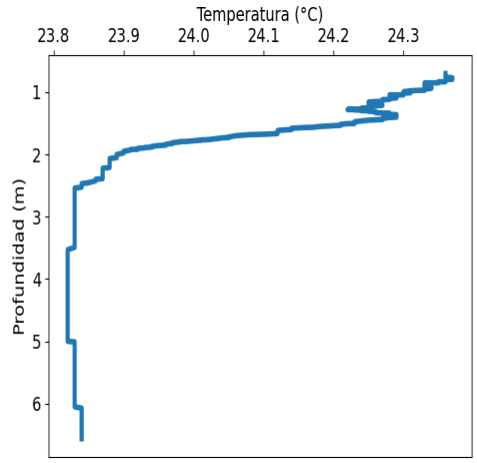
3.097	23.87	6.12	0.51	5.75	163.48	0.22	42.19
3.106	23.87	6.12	0.51	5.76	165.14	0.22	42.19
3.126	23.87	6.12	0.51	5.77	162.1	0.22	42.19
3.139	23.87	6.12	0.51	5.77	167.8	0.22	42.19
3.169	23.87	6.12	0.51	5.77	168.57	0.22	42.19
3.192	23.87	6.12	0.51	5.78	166.92	0.22	42.19
3.193	23.87	6.12	0.54	5.76	165.18	0.22	42.19
3.197	23.87	6.12	0.54	5.76	169.09	0.22	42.19
3.206	23.87	6.12	0.54	5.77	170.84	0.22	42.19
3.213	23.87	6.12	0.51	5.77	167.51	0.22	42.19
3.227	23.87	6.12	0.51	5.78	165.5	0.22	42.19
3.257	23.87	6.12	0.51	5.78	167.14	0.22	42.19
3.276	23.87	6.12	0.54	5.77	168.28	0.21	42.19
3.291	23.87	6.12	0.54	5.77	169.94	0.21	42.19
3.318	23.87	6.12	0.51	5.77	168.06	0.22	42.19
3.331	23.87	6.12	0.54	5.79	170.06	0.22	42.19
3.333	23.87	6.12	0.54	5.77	168.98	0.22	42.19
3.349	23.87	6.12	0.54	5.76	169.87	0.22	42.19
3.374	23.87	6.12	0.54	5.77	168.5	0.22	42.19
3.381	23.87	6.12	0.51	5.75	171.06	0.21	42.19
3.383	23.87	6.12	0.51	5.75	168.5	0.21	42.19
3.392	23.87	6.12	0.51	5.76	168.35	0.22	42.19
3.414	23.87	6.12	0.51	5.77	171.81	0.22	42.19
3.445	23.87	6.12	0.51	5.78	172.08	0.22	42.19
3.473	23.87	6.12	0.51	5.78	170.65	0.22	42.19
3.5	23.87	6.12	0.51	5.78	168.61	0.22	42.19
3.532	23.87	6.12	0.54	5.77	171.4	0.22	42.19
3.57	23.87	6.12	0.54	5.77	174.85	0.22	42.19
3.61	23.87	6.12	0.54	5.77	173.48	0.22	42.19
3.658	23.87	6.12	0.54	5.77	171.18	0.22	42.19
3.705	23.87	6.12	0.54	5.77	171.97	0.22	42.19
3.749	23.87	6.12	0.54	5.75	171.21	0.22	42.19
3.793	23.87	6.12	0.54	5.74	172.12	0.22	42.19
3.83	23.87	6.12	0.54	5.74	169.46	0.22	42.19
3.854	23.87	6.12	0.54	5.75	167.25	0.22	42.19
3.877	23.87	6.12	0.54	5.75	168.09	0.22	42.19
3.911	23.87	6.12	0.54	5.75	167.18	0.22	42.19
3.943	23.87	6.12	0.54	5.75	163.27	0.22	42.19
3.98	23.87	6.12	0.54	5.75	161.6	0.22	42.19
4.029	23.87	6.12	0.56	5.75	160.12	0.22	42.19
4.086	23.87	6.12	0.56	5.75	158.38	0.22	42.19
4.136	23.87	6.12	0.56	5.75	157.96	0.22	42.19
4.159	23.87	6.12	0.56	5.76	156.72	0.22	42.19
4.176	23.87	6.12	0.51	5.77	156.79	0.23	42.19
4.195	23.87	6.12	0.51	5.77	157.75	0.23	42.19
4.223	23.87	6.12	0.51	5.76	158.52	0.23	42.19
4.277	23.87	6.12	0.51	5.77	157.79	0.23	42.19
4.335	23.87	6.12	0.51	5.76	158.13	0.23	42.19
4.378	23.87	6.12	0.54	5.76	159.0	0.23	42.19
4.404	23.87	6.12	0.54	5.75	159.94	0.23	42.19
4.414	23.87	6.12	0.51	5.76	158.86	0.22	42.19
4.418	23.87	6.12	0.51	5.76	158.27	0.22	42.19
4.431	23.87	6.12	0.51	5.76	158.34	0.22	42.19
4.458	23.87	6.12	0.51	5.77	158.93	0.22	42.19
4.477	23.87	6.12	0.51	5.8	158.76	0.22	42.19
4.48	23.87	6.12	0.51	5.81	159.39	0.22	42.19
4.489	23.87	6.12	0.51	5.81	161.74	0.22	42.19
4.502	23.87	6.12	0.51	5.81	162.66	0.22	42.19

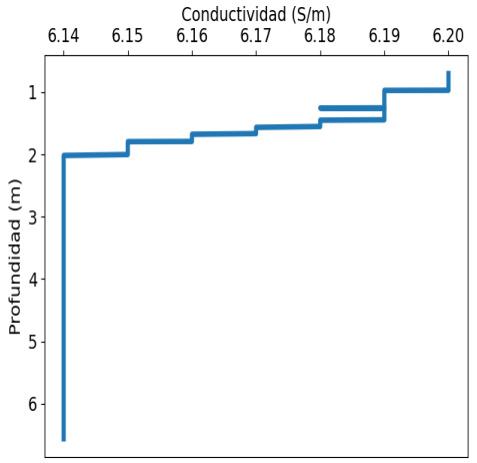
4.518	23.87	6.12	0.51	5.81	164.53	0.22	42.19
4.522	23.87	6.12	0.51	5.77	173.36	0.23	42.19
4.533	23.87	6.12	0.51	5.76	174.16	0.23	42.19
4.551	23.87	6.12	0.51	5.75	176.54	0.23	42.19
4.566	23.87	6.12	0.51	5.76	177.71	0.22	42.19
4.573	23.87	6.12	0.51	5.76	178.76	0.22	42.19
4.577	23.87	6.12	0.51	5.76	179.58	0.22	42.19
4.585	23.87	6.12	0.51	5.76	178.29	0.22	42.19
4.592	23.87	6.12	0.51	5.76	178.06	0.23	42.19
4.607	23.87	6.12	0.51	5.76	180.21	0.23	42.19
4.626	23.87	6.12	0.51	5.77	179.62	0.23	42.19
4.642	23.87	6.12	0.51	5.77	179.54	0.23	42.19
4.657	23.87	6.12	0.54	5.77	179.11	0.22	42.19
4.658	23.87	6.12	0.54	5.78	177.71	0.22	42.19
4.678	23.87	6.12	0.51	5.77	176.93	0.22	42.19
4.71	23.87	6.12	0.51	5.76	178.41	0.22	42.19
4.743	23.87	6.12	0.51	5.76	174.85	0.22	42.19
4.765	23.87	6.12	0.51	5.75	172.95	0.22	42.19
4.768	23.87	6.12	0.54	5.74	170.5	0.23	42.19
4.773	23.87	6.12	0.54	5.73	168.61	0.23	42.19
4.791	23.87	6.12	0.54	5.75	167.8	0.23	42.19
4.814	23.87	6.12	0.54	5.75	167.58	0.23	42.19
4.826	23.87	6.12	0.54	5.76	166.12	0.23	42.19
4.837	23.87	6.12	0.51	5.76	166.05	0.23	42.19
4.851	23.87	6.12	0.54	5.75	166.59	0.23	42.19
4.852	23.87	6.12	0.54	5.75	165.94	0.23	42.19
4.868	23.87	6.12	0.54	5.75	166.81	0.23	42.19
4.896	23.87	6.12	0.54	5.76	166.7	0.23	42.19
4.917	23.87	6.12	0.54	5.77	166.81	0.23	42.19
4.918	23.87	6.12	0.54	5.8	168.57	0.23	42.19
4.921	23.87	6.12	0.54	5.82	167.95	0.23	42.19
4.922	23.87	6.12	0.51	5.82	167.32	0.23	42.19
4.93	23.87	6.12	0.51	5.82	167.18	0.23	42.19
4.955	23.87	6.12	0.51	5.82	167.07	0.23	42.19
4.968	23.87	6.12	0.54	5.78	155.22	0.24	42.19
4.973	23.87	6.12	0.54	5.77	150.27	0.24	42.19
4.996	23.87	6.12	0.51	5.76	147.27	0.24	42.19
5.01	23.87	6.12	0.51	5.77	137.43	0.26	42.19
5.011	23.87	6.12	0.51	5.78	135.28	0.26	42.19
5.031	23.88	6.12	0.51	5.78	132.93	0.26	42.19
5.063	23.87	6.12	0.54	5.79	129.4	0.24	42.19
5.081	23.88	6.12	0.51	5.8	122.56	0.24	42.19
5.093	23.88	6.12	0.51	5.79	121.04	0.24	42.19
5.122	23.88	6.12	0.51	5.79	119.46	0.24	42.19
5.133	23.88	6.12	0.58	5.78	115.78	0.24	42.19
5.138	23.87	6.12	0.58	5.78	115.76	0.24	42.19
5.164	23.87	6.12	0.54	5.79	115.65	0.24	42.19
5.194	23.87	6.12	0.54	5.81	112.93	0.24	42.19
5.207	23.87	6.12	0.54	5.8	113.37	0.24	42.19
5.224	23.87	6.12	0.54	5.78	113.62	0.24	42.19
5.247	23.87	6.12	0.54	5.76	111.72	0.23	42.19
5.267	23.87	6.12	0.54	5.74	111.19	0.23	42.19
5.273	23.87	6.12	0.51	5.77	110.39	0.24	42.19
5.289	23.87	6.12	0.51	5.79	110.48	0.24	42.19
5.304	23.87	6.12	0.51	5.8	110.46	0.24	42.19
5.315	23.87	6.12	0.51	5.8	110.07	0.24	42.19
5.321	23.87	6.12	0.54	5.8	109.64	0.23	42.19
5.324	23.87	6.12	0.54	5.8	110.29	0.23	42.19

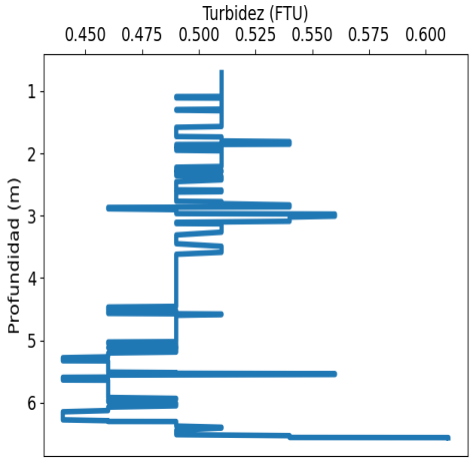
5.338	23.87	6.12	0.54	5.79	108.61	0.23	42.19
5.352	23.87	6.12	0.54	5.8	108.45	0.23	42.19
5.369	23.87	6.12	0.54	5.8	107.88	0.23	42.19
5.39	23.87	6.12	0.54	5.79	108.04	0.24	42.19
5.405	23.87	6.12	0.54	5.78	107.64	0.24	42.19
5.411	23.87	6.12	0.54	5.78	107.15	0.24	42.19
5.413	23.87	6.12	0.54	5.78	106.47	0.24	42.19
5.424	23.87	6.12	0.54	5.78	106.31	0.24	42.19
5.451	23.87	6.12	0.54	5.78	106.0	0.24	42.19
5.466	23.87	6.12	0.54	5.77	104.53	0.24	42.19
5.468	23.87	6.12	0.54	5.76	104.62	0.24	42.19
5.48	23.87	6.12	0.54	5.76	104.37	0.24	42.19
5.498	23.87	6.12	0.54	5.77	103.91	0.24	42.19
5.518	23.87	6.12	0.54	5.77	103.1	0.24	42.19
5.531	23.87	6.12	0.56	5.78	102.47	0.26	42.19
5.536	23.87	6.12	0.56	5.78	103.19	0.26	42.19
5.537	23.87	6.12	0.56	5.78	102.49	0.26	42.19
5.549	23.87	6.12	0.54	5.78	102.0	0.24	42.19
5.571	23.87	6.12	0.54	5.76	102.04	0.24	42.19
5.607	23.87	6.12	0.54	5.74	100.87	0.24	42.19
5.639	23.87	6.12	0.54	5.74	99.81	0.24	42.19
5.643	23.87	6.12	0.54	5.75	100.51	0.27	42.19
5.652	23.87	6.12	0.54	5.76	100.25	0.27	42.19
5.667	23.87	6.12	0.54	5.76	99.35	0.27	42.19
5.698	23.88	6.12	0.54	5.76	98.81	0.27	42.19
5.725	23.88	6.12	0.56	5.74	98.53	0.28	42.19
5.748	23.88	6.12	0.56	5.73	98.29	0.28	42.19
5.751	23.88	6.12	0.56	5.75	97.95	0.27	42.19
5.759	23.88	6.12	0.56	5.77	97.69	0.27	42.19
5.788	23.88	6.12	0.56	5.79	96.95	0.27	42.19
5.812	23.88	6.12	0.61	5.83	96.71	0.32	42.19
5.818	23.88	6.12	0.61	5.82	96.02	0.32	42.19
5.837	23.88	6.12	0.61	5.8	96.16	0.32	42.19
5.853	23.89	6.12	0.63	5.83	98.81	0.38	42.18
5.866	23.88	6.12	0.63	5.83	98.53	0.37	42.18
5.877	23.88	6.12	0.63	5.83	97.1	0.37	42.18
5.878	23.88	6.12	0.61	5.8	75.25	0.34	42.19
5.88	23.88	6.12	0.61	5.79	71.03	0.34	42.19
5.882	23.88	6.12	0.61	5.79	71.95	0.34	42.19

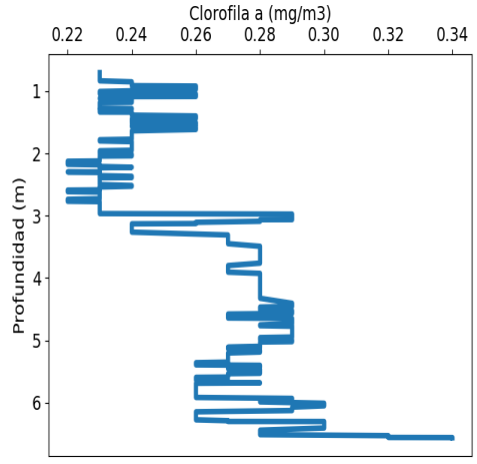
Nombre: CTD E10 - Punto 009 **Fecha: 05/06/2023** **Hora: 10:06:09**

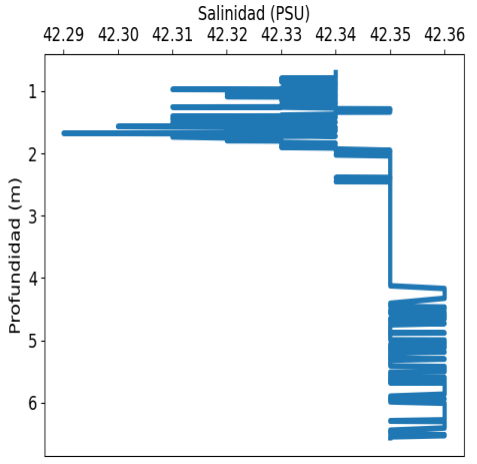


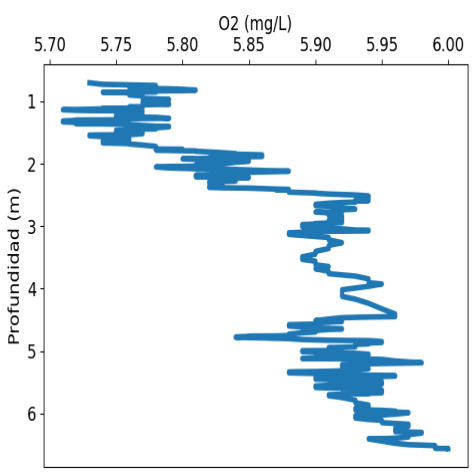


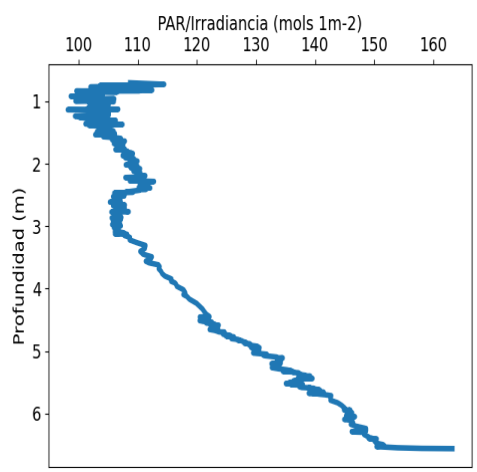












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.82	6.14	0.44	5.71	98.16	0.22	42.29
PROF (metros)	3.532	2.018	5.28	1.136	1.136	2.127	1.678
MÁXIMO	24.37	24.37	0.61	6.0	163.23	0.34	42.36
PROF (metros)	0.772	0.705	6.561	6.561	6.564	6.561	4.17

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.35	6.2	0.51	5.77	105.01	0.24	42.34
1 - 2m	24.18	6.18	0.51	5.77	104.93	0.24	42.33
2 - 3m	23.85	6.14	0.5	5.87	108.44	0.23	42.35
3 - 4m	23.83	6.14	0.5	5.91	110.41	0.27	42.35
4 - 5m	23.82	6.14	0.48	5.91	124.81	0.29	42.35
5 - 6m	23.83	6.14	0.47	5.93	137.61	0.27	42.35
6 - 7m	23.84	6.14	0.49	5.96	149.59	0.3	42.36

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	24.36	6.2	0.51	5.73	108.71	0.23	42.34
0.729	24.36	6.2	0.51	5.74	114.5	0.23	42.34
0.742	24.36	6.2	0.51	5.77	110.82	0.23	42.34
0.747	24.36	6.2	0.51	5.78	103.64	0.23	42.34
0.759	24.36	6.2	0.51	5.78	109.88	0.23	42.34
0.772	24.37	6.2	0.51	5.78	102.0	0.23	42.34
0.773	24.37	6.2	0.51	5.77	110.43	0.23	42.34
0.778	24.37	6.2	0.51	5.76	105.77	0.23	42.34
0.789	24.37	6.2	0.51	5.77	107.52	0.23	42.34
0.795	24.37	6.2	0.51	5.77	109.52	0.23	42.33
0.801	24.36	6.2	0.51	5.79	103.05	0.23	42.34
0.809	24.36	6.2	0.51	5.8	102.67	0.23	42.33
0.821	24.36	6.2	0.51	5.81	112.48	0.23	42.33
0.831	24.36	6.2	0.51	5.8	102.92	0.23	42.34
0.832	24.36	6.2	0.51	5.79	110.34	0.23	42.34
0.835	24.36	6.2	0.51	5.78	102.06	0.23	42.34
0.836	24.35	6.2	0.51	5.78	99.61	0.23	42.33
0.852	24.35	6.2	0.51	5.78	106.54	0.24	42.34
0.854	24.33	6.2	0.51	5.76	104.51	0.24	42.33
0.856	24.33	6.2	0.51	5.74	102.22	0.24	42.34
0.869	24.33	6.2	0.51	5.77	104.14	0.24	42.34
0.888	24.33	6.2	0.51	5.76	103.28	0.24	42.34
0.897	24.33	6.2	0.51	5.76	102.78	0.24	42.34
0.9	24.33	6.2	0.51	5.76	102.85	0.24	42.34
0.914	24.33	6.2	0.51	5.77	103.23	0.24	42.34
0.92	24.34	6.2	0.51	5.77	98.66	0.26	42.34
0.939	24.34	6.2	0.51	5.77	104.12	0.26	42.34
0.955	24.33	6.2	0.51	5.77	99.9	0.26	42.33
0.961	24.33	6.2	0.51	5.78	106.05	0.26	42.34
0.972	24.33	6.2	0.51	5.79	102.94	0.26	42.34
0.974	24.32	6.19	0.51	5.78	104.92	0.24	42.31
0.98	24.31	6.19	0.51	5.78	103.89	0.24	42.33
0.996	24.3	6.19	0.51	5.78	99.46	0.24	42.34
1.007	24.31	6.19	0.51	5.78	105.98	0.23	42.33
1.012	24.31	6.19	0.51	5.77	102.85	0.23	42.33

1.018	24.3	6.19	0.51	5.77	101.71	0.23	42.33
1.034	24.3	6.19	0.51	5.78	102.18	0.23	42.33
1.044	24.3	6.19	0.51	5.79	102.06	0.23	42.33
1.045	24.3	6.19	0.51	5.79	102.4	0.24	42.32
1.046	24.28	6.19	0.51	5.79	102.11	0.24	42.33
1.048	24.28	6.19	0.51	5.79	103.66	0.26	42.34
1.057	24.28	6.19	0.51	5.77	105.1	0.26	42.34
1.066	24.29	6.19	0.51	5.77	102.09	0.26	42.34
1.075	24.29	6.19	0.51	5.77	103.53	0.26	42.34
1.087	24.29	6.19	0.51	5.77	104.51	0.26	42.34
1.089	24.29	6.19	0.49	5.76	101.8	0.24	42.32
1.093	24.29	6.19	0.49	5.76	104.21	0.24	42.33
1.102	24.28	6.19	0.49	5.77	103.69	0.24	42.33
1.11	24.28	6.19	0.49	5.76	103.78	0.24	42.33
1.112	24.28	6.19	0.51	5.75	103.62	0.23	42.33
1.113	24.28	6.19	0.51	5.74	101.57	0.23	42.33
1.118	24.28	6.19	0.51	5.75	101.49	0.23	42.33
1.122	24.27	6.19	0.51	5.74	103.1	0.23	42.33
1.128	24.27	6.19	0.51	5.73	106.73	0.24	42.34
1.132	24.27	6.19	0.51	5.72	103.82	0.24	42.33
1.136	24.27	6.19	0.51	5.71	98.16	0.24	42.33
1.145	24.27	6.19	0.51	5.72	103.91	0.24	42.33
1.15	24.27	6.19	0.51	5.73	104.23	0.24	42.33
1.153	24.26	6.19	0.51	5.76	102.51	0.24	42.33
1.162	24.25	6.19	0.51	5.77	103.82	0.24	42.34
1.175	24.25	6.19	0.51	5.75	103.82	0.24	42.34
1.18	24.26	6.19	0.51	5.75	101.82	0.24	42.34
1.183	24.26	6.19	0.51	5.75	105.13	0.23	42.34
1.194	24.26	6.19	0.51	5.75	102.92	0.23	42.34
1.211	24.27	6.19	0.51	5.76	101.95	0.23	42.34
1.22	24.26	6.19	0.51	5.77	103.08	0.23	42.33
1.221	24.26	6.19	0.51	5.76	105.13	0.23	42.33
1.225	24.25	6.19	0.51	5.76	102.85	0.23	42.33
1.238	24.25	6.19	0.51	5.75	99.38	0.23	42.33
1.254	24.25	6.19	0.51	5.77	102.49	0.23	42.33
1.257	24.25	6.18	0.51	5.78	104.48	0.23	42.31
1.258	24.24	6.19	0.51	5.78	100.16	0.23	42.33
1.273	24.24	6.19	0.51	5.79	101.33	0.23	42.34
1.281	24.22	6.19	0.51	5.75	103.28	0.24	42.34
1.282	24.23	6.19	0.51	5.76	102.47	0.24	42.34
1.284	24.23	6.19	0.51	5.76	104.44	0.24	42.34
1.287	24.23	6.19	0.51	5.76	101.53	0.24	42.35
1.291	24.24	6.19	0.51	5.75	103.91	0.24	42.35
1.297	24.24	6.19	0.49	5.75	103.91	0.23	42.34
1.299	24.24	6.19	0.49	5.74	103.89	0.23	42.34
1.3	24.25	6.19	0.49	5.72	102.27	0.23	42.35
1.307	24.25	6.19	0.49	5.72	106.31	0.23	42.35
1.316	24.26	6.19	0.51	5.71	102.56	0.23	42.35
1.33	24.26	6.19	0.51	5.71	103.3	0.23	42.35
1.338	24.27	6.19	0.51	5.72	105.22	0.23	42.35
1.339	24.28	6.19	0.51	5.72	102.06	0.24	42.34
1.344	24.28	6.19	0.51	5.73	102.36	0.24	42.34
1.354	24.28	6.19	0.51	5.72	104.58	0.24	42.34
1.361	24.28	6.19	0.51	5.72	105.17	0.24	42.34
1.362	24.29	6.19	0.51	5.72	101.15	0.24	42.34
1.363	24.29	6.19	0.51	5.74	103.48	0.24	42.34
1.366	24.29	6.19	0.51	5.75	106.21	0.24	42.34
1.372	24.29	6.19	0.51	5.76	107.45	0.24	42.34

1.387	24.29	6.19	0.51	5.77	101.77	0.24	42.33
1.4	24.29	6.19	0.51	5.78	103.8	0.26	42.33
1.403	24.29	6.19	0.51	5.79	105.01	0.26	42.31
1.409	24.28	6.19	0.51	5.79	105.4	0.26	42.32
1.425	24.27	6.19	0.51	5.78	104.21	0.26	42.34
1.439	24.27	6.19	0.51	5.78	103.55	0.26	42.32
1.443	24.27	6.19	0.51	5.78	104.78	0.24	42.31
1.446	24.26	6.19	0.51	5.77	104.92	0.24	42.31
1.452	24.25	6.18	0.51	5.77	104.67	0.24	42.31
1.465	24.24	6.18	0.51	5.75	104.9	0.24	42.33
1.477	24.23	6.18	0.51	5.75	105.93	0.24	42.33
1.487	24.23	6.18	0.51	5.75	103.1	0.24	42.33
1.501	24.23	6.18	0.51	5.76	103.94	0.24	42.34
1.506	24.23	6.18	0.51	5.76	104.05	0.24	42.32
1.507	24.22	6.18	0.51	5.77	105.13	0.26	42.31
1.519	24.21	6.18	0.51	5.77	106.17	0.26	42.32
1.536	24.21	6.18	0.51	5.76	102.8	0.26	42.33
1.539	24.2	6.18	0.51	5.74	106.12	0.26	42.31
1.541	24.2	6.18	0.51	5.73	105.26	0.26	42.31
1.553	24.18	6.18	0.51	5.73	104.46	0.24	42.33
1.567	24.17	6.17	0.51	5.74	104.16	0.24	42.3
1.569	24.16	6.17	0.51	5.74	104.26	0.24	42.3
1.582	24.14	6.17	0.49	5.75	106.19	0.26	42.34
1.597	24.14	6.17	0.49	5.76	107.17	0.26	42.34
1.602	24.14	6.17	0.49	5.76	106.17	0.26	42.32
1.608	24.13	6.17	0.49	5.76	105.66	0.26	42.32
1.617	24.12	6.17	0.49	5.76	105.66	0.26	42.32
1.639	24.12	6.17	0.49	5.74	107.85	0.24	42.34
1.667	24.12	6.17	0.49	5.74	107.5	0.24	42.32
1.678	24.1	6.16	0.49	5.76	105.96	0.24	42.29
1.684	24.08	6.16	0.49	5.76	107.55	0.24	42.31
1.702	24.06	6.16	0.49	5.77	107.57	0.24	42.33
1.723	24.05	6.16	0.49	5.78	107.38	0.24	42.34
1.73	24.05	6.16	0.49	5.78	107.38	0.24	42.31
1.737	24.04	6.16	0.51	5.78	107.52	0.24	42.31
1.752	24.03	6.16	0.51	5.78	106.7	0.24	42.32
1.765	24.02	6.16	0.51	5.78	107.83	0.24	42.32
1.769	24.01	6.16	0.51	5.8	107.5	0.24	42.32
1.773	24.01	6.16	0.51	5.8	106.21	0.24	42.32
1.782	24.0	6.16	0.51	5.78	107.74	0.23	42.32
1.793	23.99	6.16	0.51	5.8	107.9	0.23	42.33
1.796	23.98	6.15	0.51	5.81	107.81	0.23	42.32
1.801	23.98	6.15	0.51	5.81	108.3	0.23	42.33
1.812	23.97	6.15	0.54	5.82	107.69	0.24	42.33
1.824	23.97	6.15	0.54	5.83	108.83	0.24	42.33
1.839	23.96	6.15	0.54	5.84	109.21	0.24	42.34
1.849	23.96	6.15	0.54	5.84	107.55	0.24	42.33
1.853	23.96	6.15	0.54	5.85	108.83	0.24	42.33
1.859	23.95	6.15	0.49	5.86	108.4	0.24	42.33
1.873	23.94	6.15	0.49	5.86	107.45	0.24	42.33
1.885	23.94	6.15	0.49	5.86	108.45	0.24	42.33
1.891	23.93	6.15	0.49	5.84	108.3	0.24	42.33
1.897	23.93	6.15	0.51	5.83	108.21	0.24	42.34
1.905	23.92	6.15	0.51	5.82	107.88	0.24	42.33
1.914	23.92	6.15	0.51	5.82	108.75	0.24	42.34
1.92	23.92	6.15	0.51	5.81	109.38	0.24	42.34
1.922	23.91	6.15	0.49	5.8	108.66	0.24	42.34
1.93	23.91	6.15	0.49	5.81	108.54	0.24	42.34

1.951	23.9	6.15	0.49	5.82	108.85	0.24	42.35
1.959	23.9	6.15	0.51	5.85	109.98	0.23	42.34
1.977	23.9	6.15	0.51	5.84	108.92	0.23	42.35
2.003	23.89	6.15	0.51	5.83	108.95	0.23	42.35
2.018	23.89	6.14	0.51	5.81	107.97	0.24	42.34
2.026	23.89	6.14	0.51	5.81	108.83	0.24	42.34
2.04	23.89	6.14	0.51	5.81	109.98	0.24	42.35
2.044	23.89	6.14	0.51	5.79	109.4	0.23	42.35
2.053	23.89	6.14	0.51	5.78	108.75	0.23	42.35
2.068	23.88	6.14	0.51	5.79	108.85	0.23	42.35
2.081	23.88	6.14	0.51	5.81	110.43	0.23	42.35
2.093	23.88	6.14	0.51	5.84	110.24	0.23	42.35
2.109	23.88	6.14	0.51	5.86	109.26	0.23	42.35
2.118	23.88	6.14	0.51	5.88	109.26	0.23	42.35
2.122	23.88	6.14	0.51	5.88	109.52	0.23	42.35
2.127	23.88	6.14	0.51	5.87	109.71	0.22	42.35
2.132	23.88	6.14	0.51	5.86	109.71	0.22	42.35
2.144	23.88	6.14	0.51	5.84	110.46	0.22	42.35
2.165	23.88	6.14	0.51	5.83	109.98	0.22	42.35
2.176	23.88	6.14	0.51	5.82	110.17	0.22	42.35
2.184	23.88	6.14	0.51	5.81	109.74	0.23	42.35
2.193	23.88	6.14	0.51	5.82	111.31	0.23	42.35
2.2	23.88	6.14	0.51	5.81	110.68	0.23	42.35
2.211	23.88	6.14	0.51	5.81	110.55	0.23	42.35
2.222	23.87	6.14	0.49	5.85	107.9	0.24	42.35
2.223	23.87	6.14	0.49	5.85	108.3	0.24	42.35
2.232	23.87	6.14	0.49	5.84	111.11	0.23	42.35
2.248	23.87	6.14	0.49	5.84	110.77	0.23	42.35
2.265	23.87	6.14	0.49	5.83	109.42	0.23	42.35
2.276	23.87	6.14	0.49	5.83	108.66	0.23	42.35
2.278	23.87	6.14	0.51	5.84	111.06	0.23	42.35
2.285	23.87	6.14	0.51	5.83	112.78	0.23	42.35
2.293	23.87	6.14	0.51	5.82	110.6	0.23	42.35
2.296	23.87	6.14	0.51	5.82	110.22	0.23	42.35
2.298	23.87	6.14	0.49	5.82	110.39	0.22	42.35
2.304	23.87	6.14	0.49	5.82	110.97	0.23	42.35
2.309	23.87	6.14	0.49	5.83	111.38	0.23	42.35
2.332	23.87	6.14	0.49	5.83	110.85	0.23	42.35
2.358	23.87	6.14	0.49	5.83	111.11	0.23	42.35
2.369	23.87	6.14	0.51	5.82	111.65	0.24	42.35
2.371	23.87	6.14	0.51	5.82	111.28	0.24	42.35
2.379	23.87	6.14	0.51	5.82	110.17	0.24	42.35
2.386	23.87	6.14	0.51	5.83	111.11	0.24	42.35
2.389	23.87	6.14	0.51	5.84	112.14	0.24	42.34
2.391	23.87	6.14	0.51	5.85	111.02	0.23	42.34
2.399	23.86	6.14	0.51	5.86	110.7	0.23	42.35
2.407	23.86	6.14	0.51	5.87	111.48	0.23	42.35
2.413	23.86	6.14	0.51	5.88	111.33	0.23	42.35
2.415	23.86	6.14	0.51	5.87	110.17	0.23	42.35
2.425	23.86	6.14	0.51	5.88	110.31	0.23	42.35
2.454	23.85	6.14	0.49	5.88	107.97	0.23	42.34
2.456	23.85	6.14	0.49	5.88	109.23	0.23	42.35
2.47	23.84	6.14	0.49	5.9	106.03	0.23	42.35
2.473	23.84	6.14	0.49	5.9	107.92	0.23	42.35
2.486	23.84	6.14	0.49	5.91	107.74	0.23	42.35
2.494	23.84	6.14	0.49	5.92	106.4	0.23	42.35
2.501	23.84	6.14	0.49	5.93	106.56	0.23	42.35
2.516	23.84	6.14	0.49	5.94	107.76	0.24	42.35

2.528	23.84	6.14	0.49	5.94	105.82	0.24	42.35
2.54	23.83	6.14	0.49	5.94	106.91	0.23	42.35
2.564	23.83	6.14	0.49	5.94	107.1	0.23	42.35
2.586	23.83	6.14	0.49	5.93	106.94	0.23	42.35
2.59	23.83	6.14	0.51	5.94	106.07	0.22	42.35
2.592	23.83	6.14	0.51	5.94	106.28	0.22	42.35
2.601	23.83	6.14	0.51	5.93	106.45	0.22	42.35
2.61	23.83	6.14	0.51	5.93	107.15	0.22	42.35
2.615	23.83	6.14	0.51	5.93	105.29	0.22	42.35
2.622	23.83	6.14	0.49	5.92	106.12	0.23	42.35
2.633	23.83	6.14	0.49	5.91	106.66	0.23	42.35
2.651	23.83	6.14	0.49	5.9	106.89	0.23	42.35
2.662	23.83	6.14	0.49	5.9	107.85	0.23	42.35
2.667	23.83	6.14	0.49	5.9	106.21	0.23	42.35
2.672	23.83	6.14	0.49	5.9	105.82	0.23	42.35
2.689	23.83	6.14	0.49	5.92	107.36	0.23	42.35
2.711	23.83	6.14	0.49	5.92	107.81	0.23	42.35
2.728	23.83	6.14	0.49	5.93	106.47	0.23	42.35
2.738	23.83	6.14	0.49	5.92	106.38	0.22	42.35
2.747	23.83	6.14	0.49	5.92	107.05	0.22	42.35
2.769	23.83	6.14	0.49	5.92	108.49	0.22	42.35
2.774	23.83	6.14	0.51	5.91	105.54	0.23	42.35
2.775	23.83	6.14	0.51	5.9	106.4	0.23	42.35
2.786	23.83	6.14	0.51	5.91	107.1	0.23	42.35
2.808	23.83	6.14	0.51	5.91	106.47	0.23	42.35
2.827	23.83	6.14	0.54	5.91	106.61	0.23	42.35
2.828	23.83	6.14	0.54	5.92	106.07	0.23	42.35
2.842	23.83	6.14	0.54	5.92	107.03	0.23	42.35
2.859	23.83	6.14	0.54	5.92	107.26	0.23	42.35
2.868	23.83	6.14	0.46	5.92	105.59	0.23	42.35
2.873	23.83	6.14	0.46	5.92	105.61	0.23	42.35
2.878	23.83	6.14	0.46	5.92	107.01	0.23	42.35
2.89	23.83	6.14	0.46	5.92	107.19	0.23	42.35
2.904	23.83	6.14	0.49	5.91	105.96	0.23	42.35
2.923	23.83	6.14	0.49	5.92	105.8	0.23	42.35
2.943	23.83	6.14	0.49	5.92	106.84	0.23	42.35
2.958	23.83	6.14	0.49	5.9	107.03	0.23	42.35
2.967	23.83	6.14	0.49	5.9	106.4	0.23	42.35
2.975	23.83	6.14	0.56	5.89	105.66	0.29	42.35
2.983	23.83	6.14	0.56	5.89	106.1	0.29	42.35
2.995	23.83	6.14	0.56	5.89	107.17	0.29	42.35
3.008	23.83	6.14	0.56	5.89	106.75	0.29	42.35
3.023	23.83	6.14	0.54	5.9	105.96	0.29	42.35
3.044	23.83	6.14	0.54	5.92	106.61	0.29	42.35
3.063	23.83	6.14	0.54	5.93	106.63	0.29	42.35
3.064	23.83	6.14	0.54	5.94	106.82	0.29	42.35
3.065	23.83	6.14	0.54	5.94	106.38	0.28	42.35
3.076	23.83	6.14	0.54	5.94	106.61	0.28	42.35
3.085	23.83	6.14	0.54	5.9	106.12	0.28	42.35
3.09	23.83	6.14	0.54	5.9	106.66	0.28	42.35
3.107	23.83	6.14	0.49	5.88	107.69	0.26	42.35
3.12	23.83	6.14	0.49	5.88	106.4	0.26	42.35
3.125	23.83	6.14	0.49	5.88	106.14	0.26	42.35
3.127	23.83	6.14	0.49	5.88	107.34	0.26	42.35
3.131	23.83	6.14	0.51	5.88	108.23	0.24	42.35
3.149	23.83	6.14	0.51	5.89	107.74	0.24	42.35
3.182	23.83	6.14	0.51	5.91	108.71	0.24	42.35
3.221	23.83	6.14	0.51	5.91	108.64	0.24	42.35

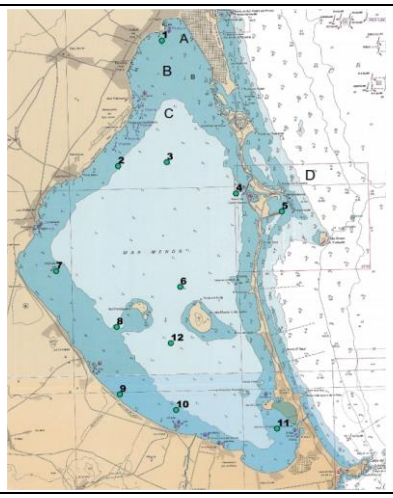
3.265	23.83	6.14	0.51	5.92	109.88	0.24	42.35
3.31	23.83	6.14	0.49	5.91	111.33	0.27	42.35
3.358	23.83	6.14	0.49	5.91	111.21	0.27	42.35
3.405	23.83	6.14	0.49	5.9	110.43	0.27	42.35
3.45	23.83	6.14	0.49	5.9	110.92	0.27	42.35
3.492	23.83	6.14	0.51	5.89	112.41	0.28	42.35
3.532	23.82	6.14	0.51	5.89	112.16	0.28	42.35
3.562	23.82	6.14	0.51	5.9	111.36	0.28	42.35
3.588	23.82	6.14	0.51	5.9	111.94	0.28	42.35
3.62	23.82	6.14	0.49	5.9	113.5	0.28	42.35
3.649	23.82	6.14	0.49	5.91	113.72	0.28	42.35
3.683	23.82	6.14	0.49	5.9	113.55	0.28	42.35
3.724	23.82	6.14	0.49	5.91	113.95	0.28	42.35
3.762	23.82	6.14	0.49	5.91	114.15	0.28	42.35
3.801	23.82	6.14	0.49	5.93	114.62	0.27	42.35
3.846	23.82	6.14	0.49	5.94	115.71	0.27	42.35
3.884	23.82	6.14	0.49	5.94	115.65	0.27	42.35
3.907	23.82	6.14	0.49	5.94	116.26	0.27	42.35
3.927	23.82	6.14	0.49	5.95	116.47	0.28	42.35
3.964	23.82	6.14	0.49	5.94	116.62	0.28	42.35
4.02	23.82	6.14	0.49	5.92	117.75	0.28	42.35
4.068	23.82	6.14	0.49	5.92	118.06	0.28	42.35
4.096	23.82	6.14	0.49	5.92	117.72	0.28	42.35
4.126	23.82	6.14	0.49	5.92	118.32	0.28	42.35
4.17	23.82	6.14	0.49	5.93	118.76	0.28	42.36
4.237	23.82	6.14	0.49	5.94	119.96	0.28	42.36
4.326	23.82	6.14	0.49	5.95	120.94	0.28	42.36
4.407	23.82	6.14	0.49	5.96	121.55	0.29	42.35
4.45	23.82	6.14	0.49	5.96	122.16	0.29	42.35
4.456	23.82	6.14	0.49	5.94	120.49	0.29	42.35
4.467	23.82	6.14	0.46	5.92	121.81	0.28	42.36
4.489	23.82	6.14	0.46	5.91	121.2	0.28	42.36
4.513	23.82	6.14	0.46	5.9	120.46	0.28	42.35
4.525	23.82	6.14	0.49	5.92	121.04	0.29	42.35
4.528	23.82	6.14	0.49	5.92	122.08	0.29	42.35
4.537	23.82	6.14	0.46	5.91	122.54	0.29	42.35
4.539	23.82	6.14	0.46	5.91	122.29	0.29	42.35
4.549	23.82	6.14	0.46	5.9	121.55	0.29	42.36
4.569	23.82	6.14	0.46	5.9	122.99	0.29	42.35
4.579	23.82	6.14	0.51	5.88	122.29	0.27	42.36
4.587	23.82	6.14	0.51	5.88	123.72	0.27	42.36
4.6	23.82	6.14	0.49	5.88	123.56	0.27	42.36
4.614	23.82	6.14	0.49	5.89	122.62	0.27	42.36
4.628	23.82	6.14	0.49	5.89	122.48	0.27	42.36
4.643	23.82	6.14	0.49	5.92	123.61	0.27	42.36
4.649	23.82	6.14	0.49	5.92	123.02	0.29	42.35
4.655	23.82	6.14	0.49	5.91	122.16	0.29	42.36
4.671	23.82	6.14	0.49	5.9	123.07	0.29	42.35
4.695	23.82	6.14	0.49	5.9	123.78	0.29	42.35
4.696	23.82	6.14	0.49	5.9	124.67	0.29	42.35
4.708	23.82	6.14	0.49	5.89	124.73	0.29	42.35
4.731	23.82	6.14	0.49	5.88	124.43	0.29	42.36
4.753	23.82	6.14	0.49	5.88	125.69	0.28	42.35
4.759	23.82	6.14	0.49	5.87	125.5	0.28	42.35
4.761	23.82	6.14	0.49	5.85	124.92	0.28	42.35
4.766	23.82	6.14	0.49	5.85	125.41	0.28	42.35
4.775	23.82	6.14	0.49	5.84	126.29	0.29	42.35
4.782	23.82	6.14	0.49	5.84	126.1	0.29	42.35

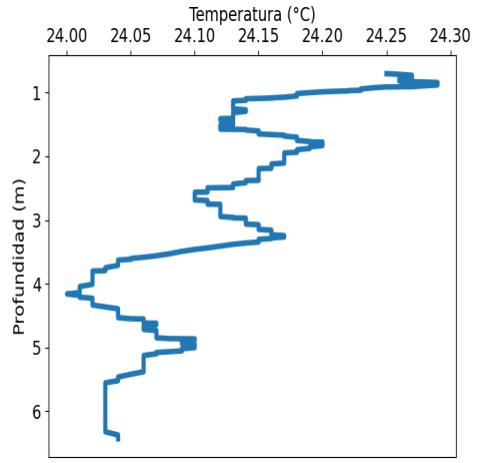
4.79	23.82	6.14	0.49	5.86	125.8	0.29	42.35
4.802	23.82	6.14	0.49	5.88	125.85	0.29	42.35
4.816	23.82	6.14	0.49	5.89	126.99	0.29	42.35
4.828	23.82	6.14	0.49	5.91	127.24	0.29	42.35
4.832	23.82	6.14	0.49	5.93	126.99	0.29	42.35
4.834	23.82	6.14	0.49	5.94	127.54	0.29	42.35
4.849	23.82	6.14	0.49	5.95	127.8	0.29	42.35
4.864	23.82	6.14	0.49	5.95	128.33	0.29	42.35
4.872	23.82	6.14	0.49	5.94	128.39	0.29	42.35
4.877	23.82	6.14	0.49	5.94	128.05	0.29	42.35
4.882	23.82	6.14	0.49	5.94	128.58	0.29	42.36
4.886	23.82	6.14	0.49	5.94	129.0	0.29	42.35
4.895	23.82	6.14	0.49	5.93	128.75	0.29	42.35
4.91	23.82	6.14	0.49	5.93	129.06	0.29	42.35
4.925	23.82	6.14	0.49	5.93	130.25	0.29	42.35
4.934	23.82	6.14	0.49	5.93	129.68	0.29	42.35
4.941	23.82	6.14	0.49	5.92	129.15	0.29	42.35
4.945	23.82	6.14	0.49	5.91	130.4	0.29	42.35
4.948	23.82	6.14	0.49	5.91	130.62	0.29	42.35
4.957	23.82	6.14	0.49	5.91	130.17	0.28	42.35
4.972	23.82	6.14	0.49	5.92	129.6	0.28	42.35
4.985	23.82	6.14	0.49	5.91	129.6	0.28	42.35
4.994	23.82	6.14	0.49	5.91	130.05	0.28	42.35
4.996	23.82	6.14	0.49	5.89	130.54	0.29	42.36
5.001	23.82	6.14	0.49	5.89	129.6	0.29	42.36
5.01	23.83	6.14	0.49	5.89	129.63	0.29	42.36
5.022	23.83	6.14	0.49	5.9	130.31	0.29	42.36
5.028	23.83	6.14	0.46	5.9	129.77	0.28	42.36
5.03	23.83	6.14	0.46	5.91	129.51	0.28	42.36
5.037	23.83	6.14	0.46	5.93	130.0	0.28	42.36
5.052	23.83	6.14	0.46	5.94	131.83	0.28	42.36
5.063	23.83	6.14	0.49	5.93	131.2	0.28	42.35
5.07	23.83	6.14	0.49	5.92	131.34	0.28	42.35
5.076	23.83	6.14	0.49	5.93	131.57	0.28	42.35
5.097	23.83	6.14	0.49	5.94	133.49	0.28	42.36
5.11	23.83	6.14	0.49	5.93	133.52	0.27	42.36
5.111	23.83	6.14	0.49	5.93	134.54	0.27	42.36
5.114	23.83	6.14	0.49	5.93	134.19	0.27	42.35
5.116	23.83	6.14	0.46	5.91	134.1	0.28	42.36
5.121	23.83	6.14	0.46	5.89	134.45	0.28	42.35
5.124	23.83	6.14	0.49	5.93	134.28	0.27	42.35
5.135	23.83	6.14	0.49	5.95	134.22	0.27	42.35
5.161	23.83	6.14	0.49	5.96	133.52	0.28	42.35
5.189	23.83	6.14	0.49	5.98	134.22	0.28	42.36
5.204	23.83	6.14	0.46	5.94	132.61	0.27	42.35
5.217	23.83	6.14	0.46	5.92	134.04	0.27	42.35
5.24	23.83	6.14	0.46	5.92	133.4	0.27	42.35
5.266	23.83	6.14	0.46	5.92	132.67	0.27	42.35
5.28	23.83	6.14	0.44	5.94	133.57	0.27	42.35
5.285	23.83	6.14	0.44	5.94	133.81	0.27	42.35
5.302	23.83	6.14	0.44	5.93	135.22	0.27	42.36
5.32	23.83	6.14	0.44	5.92	136.05	0.27	42.35
5.329	23.83	6.14	0.44	5.9	134.57	0.27	42.35
5.331	23.83	6.14	0.46	5.89	135.16	0.27	42.35
5.335	23.83	6.14	0.46	5.88	136.38	0.27	42.35
5.343	23.83	6.14	0.46	5.88	136.26	0.27	42.35
5.35	23.83	6.14	0.46	5.88	137.19	0.27	42.35
5.36	23.83	6.14	0.46	5.9	137.16	0.26	42.35

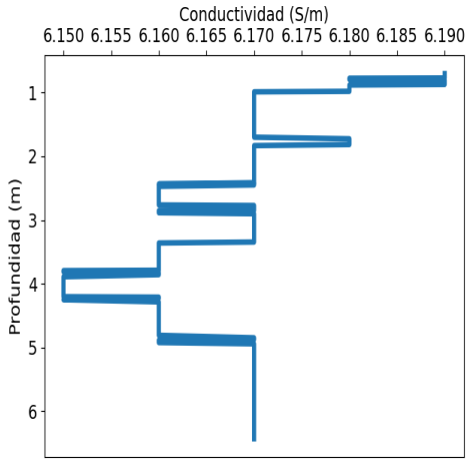
5.373	23.83	6.14	0.46	5.91	137.58	0.26	42.35
5.383	23.83	6.14	0.46	5.92	137.82	0.26	42.35
5.389	23.83	6.14	0.46	5.95	138.31	0.26	42.35
5.395	23.83	6.14	0.46	5.96	137.4	0.26	42.35
5.402	23.83	6.14	0.46	5.96	139.19	0.28	42.35
5.412	23.83	6.14	0.46	5.94	138.67	0.28	42.35
5.422	23.83	6.14	0.46	5.92	137.13	0.28	42.36
5.432	23.83	6.14	0.46	5.9	138.15	0.28	42.36
5.44	23.83	6.14	0.46	5.9	139.58	0.27	42.36
5.45	23.83	6.14	0.46	5.9	137.19	0.27	42.36
5.456	23.83	6.14	0.46	5.91	137.16	0.27	42.36
5.461	23.83	6.14	0.46	5.93	137.19	0.28	42.36
5.476	23.83	6.14	0.46	5.94	136.38	0.28	42.36
5.491	23.83	6.14	0.46	5.95	136.65	0.28	42.36
5.503	23.83	6.14	0.46	5.95	135.64	0.28	42.36
5.511	23.83	6.14	0.46	5.95	135.73	0.28	42.35
5.518	23.83	6.14	0.49	5.94	136.92	0.28	42.35
5.519	23.83	6.14	0.49	5.94	136.68	0.28	42.35
5.521	23.83	6.14	0.49	5.94	135.04	0.28	42.35
5.53	23.83	6.14	0.49	5.95	137.64	0.28	42.35
5.536	23.83	6.14	0.56	5.94	137.94	0.27	42.35
5.539	23.83	6.14	0.56	5.93	136.11	0.27	42.35
5.54	23.83	6.14	0.56	5.93	135.93	0.27	42.35
5.543	23.83	6.14	0.56	5.91	136.89	0.27	42.35
5.549	23.83	6.14	0.56	5.91	137.76	0.27	42.35
5.559	23.83	6.14	0.46	5.9	137.88	0.27	42.35
5.573	23.83	6.14	0.46	5.9	137.34	0.27	42.35
5.584	23.83	6.14	0.46	5.9	137.76	0.27	42.35
5.591	23.83	6.14	0.46	5.91	139.25	0.27	42.35
5.595	23.83	6.14	0.44	5.93	138.82	0.26	42.35
5.597	23.83	6.14	0.44	5.93	139.77	0.26	42.36
5.607	23.83	6.14	0.44	5.94	139.64	0.26	42.36
5.617	23.83	6.14	0.44	5.94	140.63	0.26	42.36
5.626	23.83	6.14	0.44	5.95	140.81	0.26	42.35
5.638	23.83	6.14	0.44	5.94	140.29	0.26	42.35
5.641	23.83	6.14	0.46	5.95	140.26	0.27	42.36
5.647	23.83	6.14	0.46	5.95	140.07	0.27	42.36
5.66	23.83	6.14	0.46	5.95	141.46	0.27	42.35
5.671	23.83	6.14	0.46	5.95	140.56	0.27	42.35
5.676	23.83	6.14	0.46	5.94	138.91	0.27	42.35
5.678	23.83	6.14	0.46	5.93	140.44	0.27	42.36
5.679	23.83	6.14	0.46	5.93	140.81	0.27	42.35
5.68	23.83	6.14	0.46	5.94	139.64	0.27	42.35
5.683	23.83	6.14	0.46	5.94	139.77	0.28	42.35
5.684	23.83	6.14	0.46	5.92	140.41	0.28	42.36
5.69	23.83	6.14	0.46	5.92	140.6	0.26	42.36
5.701	23.83	6.14	0.46	5.91	141.74	0.26	42.36
5.716	23.83	6.14	0.46	5.91	142.74	0.26	42.36
5.745	23.83	6.14	0.46	5.92	142.64	0.26	42.36
5.788	23.83	6.14	0.46	5.93	142.58	0.26	42.36
5.829	23.83	6.14	0.46	5.93	143.8	0.26	42.36
5.865	23.83	6.14	0.46	5.94	144.4	0.26	42.36
5.897	23.83	6.14	0.46	5.94	144.81	0.26	42.35
5.918	23.83	6.14	0.46	5.93	145.03	0.26	42.35
5.933	23.83	6.14	0.49	5.93	144.97	0.29	42.35
5.942	23.83	6.14	0.49	5.93	145.07	0.29	42.36
5.944	23.83	6.14	0.49	5.93	144.88	0.29	42.35
5.945	23.83	6.14	0.49	5.94	145.96	0.29	42.35

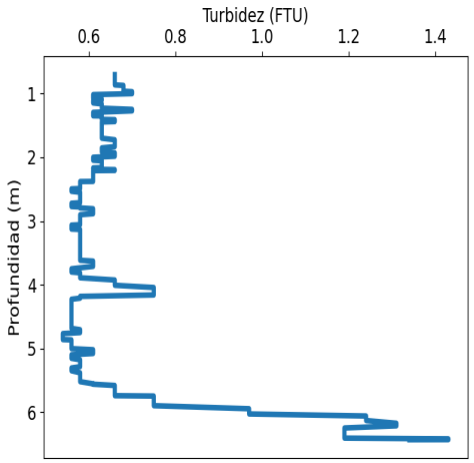
5.951	23.83	6.14	0.46	5.95	145.7	0.28	42.35
5.963	23.83	6.14	0.46	5.96	145.23	0.28	42.35
5.977	23.83	6.14	0.46	5.96	145.67	0.28	42.35
5.989	23.83	6.14	0.46	5.97	146.28	0.28	42.35
6.011	23.83	6.14	0.49	5.96	145.73	0.3	42.36
6.025	23.83	6.14	0.49	5.95	145.73	0.3	42.36
6.035	23.83	6.14	0.49	5.93	145.23	0.3	42.36
6.045	23.83	6.14	0.49	5.93	146.34	0.3	42.36
6.052	23.83	6.14	0.49	5.93	146.76	0.3	42.36
6.073	23.84	6.14	0.46	5.93	145.67	0.29	42.36
6.096	23.84	6.14	0.46	5.94	144.91	0.29	42.36
6.11	23.84	6.14	0.46	5.95	146.28	0.29	42.36
6.128	23.84	6.14	0.46	5.95	146.21	0.29	42.36
6.148	23.84	6.14	0.44	5.95	146.44	0.26	42.36
6.174	23.84	6.14	0.44	5.97	146.02	0.26	42.36
6.205	23.84	6.14	0.44	5.97	146.95	0.26	42.36
6.242	23.84	6.14	0.44	5.96	148.63	0.26	42.36
6.277	23.84	6.14	0.44	5.96	148.63	0.26	42.36
6.291	23.84	6.14	0.46	5.96	146.18	0.27	42.35
6.298	23.84	6.14	0.46	5.97	146.95	0.27	42.35
6.303	23.84	6.14	0.46	5.98	148.5	0.27	42.36
6.304	23.84	6.14	0.49	5.98	148.28	0.3	42.36
6.315	23.84	6.14	0.49	5.98	148.47	0.3	42.36
6.338	23.84	6.14	0.49	5.97	148.28	0.3	42.36
6.377	23.84	6.14	0.49	5.97	149.06	0.3	42.36
6.396	23.84	6.14	0.51	5.96	149.06	0.3	42.36
6.398	23.84	6.14	0.51	5.96	149.65	0.3	42.36
6.403	23.84	6.14	0.51	5.95	149.12	0.3	42.36
6.404	23.84	6.14	0.51	5.94	150.27	0.3	42.36
6.408	23.84	6.14	0.51	5.94	150.44	0.3	42.36
6.443	23.84	6.14	0.49	5.95	150.04	0.28	42.35
6.478	23.84	6.14	0.49	5.96	150.4	0.28	42.35
6.5	23.84	6.14	0.49	5.97	151.49	0.28	42.35
6.515	23.84	6.14	0.49	5.99	151.69	0.28	42.36
6.531	23.84	6.14	0.54	5.99	150.37	0.32	42.36
6.55	23.84	6.14	0.54	5.99	153.93	0.32	42.35
6.56	23.84	6.14	0.54	5.99	158.0	0.32	42.35
6.561	23.84	6.14	0.61	6.0	160.3	0.34	42.35
6.562	23.84	6.14	0.61	6.0	161.95	0.34	42.35
6.564	23.84	6.14	0.61	6.0	163.23	0.34	42.35

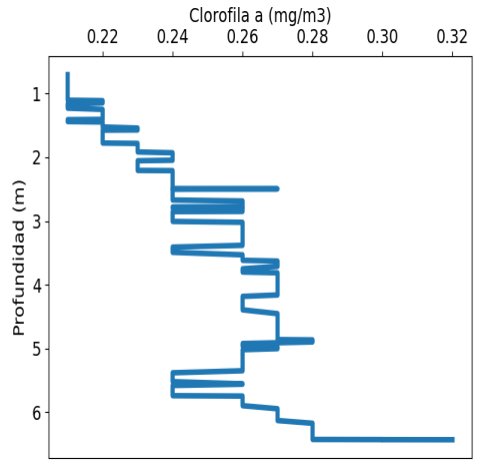
Nombre: CTD E09 - Punto 010 **Fecha: 05/06/2023** **Hora: 11:06:38**

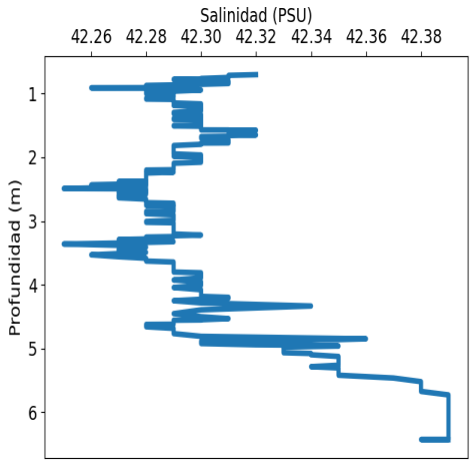


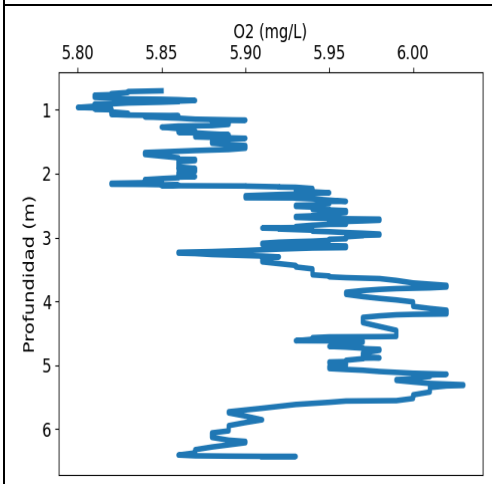


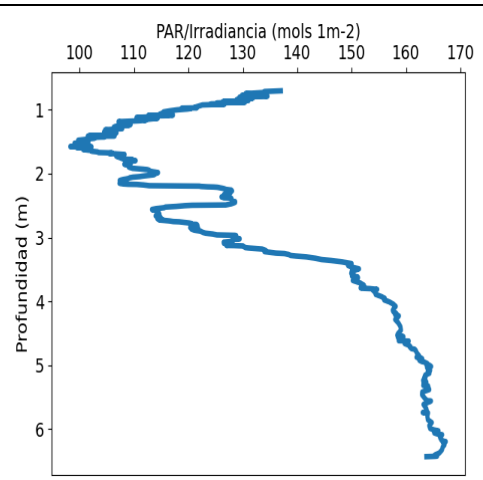












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	24.01	6.15	0.54	5.8	98.25	0.21	42.25
PROF (metros)	4.043	3.794	4.766	0.963	1.576	0.703	2.49
MÁXIMO	24.29	24.29	1.43	6.03	167.32	0.32	42.39
PROF (metros)	0.842	0.703	6.418	5.305	6.195	6.431	5.728

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.26	6.18	0.67	5.83	128.19	0.21	42.29
1 - 2m	24.15	6.17	0.64	5.87	107.07	0.22	42.3
2 - 3m	24.13	6.17	0.59	5.93	119.36	0.24	42.28
3 - 4m	24.1	6.16	0.58	5.94	141.72	0.26	42.29
4 - 5m	24.06	6.16	0.58	5.98	160.22	0.27	42.3
5 - 6m	24.05	6.17	0.63	5.97	163.81	0.25	42.36
6 - 7m	24.04	6.17	1.28	5.89	165.84	0.28	42.39

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	24.25	6.19	0.66	5.85	136.98	0.21	42.32
0.714	24.26	6.19	0.66	5.83	133.96	0.21	42.31
0.729	24.27	6.19	0.66	5.83	133.9	0.21	42.31
0.747	24.27	6.19	0.66	5.82	130.48	0.21	42.31
0.763	24.27	6.19	0.66	5.82	132.79	0.21	42.3
0.771	24.27	6.19	0.66	5.81	133.93	0.21	42.3
0.775	24.27	6.18	0.66	5.82	129.8	0.21	42.29
0.78	24.27	6.18	0.66	5.82	133.93	0.21	42.29
0.787	24.26	6.18	0.66	5.81	134.54	0.21	42.3
0.795	24.26	6.18	0.66	5.81	131.98	0.21	42.3
0.805	24.26	6.19	0.66	5.81	129.34	0.21	42.31
0.818	24.26	6.19	0.66	5.82	131.83	0.21	42.31
0.83	24.27	6.19	0.66	5.83	129.71	0.21	42.31
0.835	24.28	6.19	0.66	5.85	130.28	0.21	42.31
0.842	24.29	6.19	0.66	5.86	128.84	0.21	42.31
0.854	24.29	6.19	0.66	5.87	131.05	0.21	42.3
0.864	24.29	6.19	0.66	5.86	128.3	0.21	42.29
0.872	24.29	6.19	0.68	5.86	126.32	0.21	42.28
0.881	24.29	6.18	0.68	5.85	130.4	0.21	42.28
0.893	24.28	6.18	0.68	5.83	125.22	0.21	42.28
0.907	24.27	6.18	0.68	5.82	125.44	0.21	42.28
0.91	24.26	6.18	0.68	5.81	124.07	0.21	42.26
0.912	24.25	6.18	0.68	5.82	126.63	0.21	42.28
0.924	24.24	6.18	0.68	5.81	122.56	0.21	42.29
0.944	24.23	6.18	0.68	5.81	121.79	0.21	42.3
0.963	24.23	6.18	0.68	5.8	121.1	0.21	42.29
0.97	24.22	6.18	0.7	5.81	121.52	0.21	42.28
0.974	24.22	6.18	0.7	5.81	118.76	0.21	42.28
0.98	24.21	6.18	0.7	5.82	120.43	0.21	42.28
0.988	24.2	6.17	0.7	5.81	119.8	0.21	42.28
1.001	24.19	6.17	0.7	5.82	117.88	0.21	42.28
1.016	24.18	6.17	0.61	5.82	116.6	0.21	42.29
1.033	24.18	6.17	0.61	5.82	115.43	0.21	42.29
1.054	24.18	6.17	0.61	5.83	115.15	0.21	42.29
1.073	24.17	6.17	0.61	5.82	114.62	0.21	42.28

1.083	24.16	6.17	0.63	5.83	117.16	0.21	42.28
1.086	24.16	6.17	0.63	5.84	112.63	0.21	42.28
1.091	24.15	6.17	0.63	5.86	116.24	0.21	42.29
1.097	24.14	6.17	0.63	5.86	112.88	0.21	42.29
1.104	24.14	6.17	0.63	5.85	114.4	0.21	42.29
1.111	24.14	6.17	0.61	5.84	112.73	0.22	42.29
1.121	24.14	6.17	0.61	5.85	110.43	0.22	42.29
1.131	24.13	6.17	0.61	5.86	114.35	0.22	42.29
1.147	24.13	6.17	0.61	5.87	112.66	0.22	42.29
1.162	24.13	6.17	0.63	5.9	111.87	0.21	42.3
1.164	24.13	6.17	0.63	5.89	112.14	0.21	42.3
1.172	24.13	6.17	0.63	5.88	110.92	0.21	42.3
1.186	24.13	6.17	0.63	5.88	107.12	0.21	42.29
1.205	24.13	6.17	0.63	5.89	108.21	0.21	42.3
1.229	24.13	6.17	0.63	5.89	109.38	0.21	42.3
1.247	24.13	6.17	0.7	5.88	108.99	0.22	42.3
1.248	24.13	6.17	0.7	5.88	107.71	0.22	42.3
1.254	24.13	6.17	0.7	5.86	106.84	0.22	42.3
1.271	24.14	6.17	0.7	5.85	106.26	0.22	42.3
1.295	24.14	6.17	0.61	5.86	107.83	0.22	42.29
1.314	24.13	6.17	0.61	5.86	104.67	0.22	42.29
1.328	24.13	6.17	0.61	5.87	105.93	0.22	42.3
1.349	24.13	6.17	0.61	5.87	104.46	0.22	42.3
1.351	24.13	6.17	0.63	5.86	105.22	0.22	42.3
1.361	24.13	6.17	0.63	5.87	106.77	0.22	42.3
1.377	24.13	6.17	0.63	5.88	104.42	0.22	42.3
1.391	24.13	6.17	0.63	5.89	105.01	0.22	42.29
1.399	24.13	6.17	0.63	5.88	105.38	0.22	42.29
1.405	24.13	6.17	0.63	5.87	101.71	0.22	42.29
1.409	24.12	6.17	0.66	5.87	106.42	0.21	42.3
1.414	24.12	6.17	0.66	5.87	101.46	0.21	42.3
1.424	24.12	6.17	0.66	5.87	104.58	0.21	42.3
1.432	24.12	6.17	0.66	5.88	102.4	0.21	42.3
1.439	24.13	6.17	0.66	5.89	102.8	0.21	42.3
1.446	24.13	6.17	0.63	5.9	102.65	0.22	42.3
1.452	24.13	6.17	0.63	5.89	101.86	0.22	42.3
1.461	24.13	6.17	0.63	5.89	101.33	0.22	42.3
1.477	24.13	6.17	0.63	5.89	99.7	0.22	42.3
1.493	24.13	6.17	0.63	5.88	100.58	0.22	42.3
1.502	24.13	6.17	0.63	5.88	100.87	0.22	42.29
1.507	24.13	6.17	0.63	5.88	100.95	0.22	42.29
1.512	24.12	6.17	0.63	5.88	101.62	0.22	42.3
1.524	24.12	6.17	0.63	5.88	99.03	0.22	42.3
1.541	24.12	6.17	0.63	5.89	99.09	0.23	42.3
1.559	24.12	6.17	0.63	5.9	100.78	0.23	42.3
1.57	24.12	6.17	0.63	5.9	98.94	0.23	42.3
1.571	24.12	6.17	0.63	5.9	98.85	0.23	42.31
1.574	24.12	6.17	0.63	5.9	100.71	0.22	42.31
1.576	24.13	6.17	0.63	5.9	98.25	0.22	42.32
1.579	24.14	6.17	0.63	5.9	102.18	0.22	42.31
1.588	24.14	6.17	0.63	5.9	99.38	0.22	42.31
1.602	24.15	6.17	0.63	5.9	101.46	0.22	42.31
1.622	24.15	6.17	0.63	5.89	100.62	0.22	42.31
1.638	24.15	6.17	0.63	5.87	102.22	0.22	42.31
1.649	24.15	6.17	0.63	5.86	102.22	0.22	42.32
1.659	24.16	6.17	0.63	5.85	103.28	0.22	42.31
1.669	24.17	6.17	0.63	5.84	103.44	0.22	42.31
1.675	24.17	6.17	0.63	5.84	105.96	0.22	42.3

1.682	24.17	6.17	0.63	5.84	105.36	0.22	42.3
1.7	24.18	6.17	0.63	5.84	108.26	0.22	42.3
1.725	24.18	6.18	0.66	5.85	106.7	0.22	42.31
1.751	24.18	6.18	0.66	5.86	107.48	0.22	42.31
1.768	24.19	6.18	0.66	5.86	107.95	0.22	42.31
1.774	24.19	6.18	0.66	5.86	108.4	0.22	42.31
1.776	24.2	6.18	0.66	5.87	109.62	0.22	42.3
1.782	24.2	6.18	0.66	5.87	109.4	0.23	42.3
1.796	24.2	6.18	0.66	5.87	110.29	0.23	42.3
1.815	24.2	6.18	0.66	5.86	108.87	0.23	42.29
1.832	24.2	6.17	0.66	5.86	109.4	0.23	42.29
1.852	24.19	6.17	0.63	5.86	108.18	0.23	42.29
1.876	24.19	6.17	0.63	5.86	109.3	0.23	42.29
1.897	24.18	6.17	0.63	5.86	109.02	0.23	42.29
1.916	24.18	6.17	0.63	5.87	109.71	0.23	42.29
1.929	24.18	6.17	0.66	5.86	111.58	0.24	42.29
1.937	24.18	6.17	0.66	5.87	112.46	0.24	42.29
1.946	24.17	6.17	0.66	5.87	112.75	0.24	42.29
1.964	24.17	6.17	0.66	5.87	113.05	0.24	42.3
1.983	24.17	6.17	0.66	5.86	114.42	0.24	42.29
1.999	24.17	6.17	0.61	5.86	113.95	0.24	42.3
2.017	24.17	6.17	0.61	5.86	113.65	0.24	42.3
2.037	24.17	6.17	0.61	5.86	111.67	0.24	42.3
2.046	24.17	6.17	0.61	5.87	111.02	0.24	42.3
2.054	24.17	6.17	0.63	5.86	109.83	0.23	42.3
2.064	24.17	6.17	0.63	5.86	109.21	0.23	42.3
2.077	24.17	6.17	0.63	5.85	108.9	0.23	42.3
2.093	24.17	6.17	0.63	5.84	107.88	0.23	42.29
2.107	24.17	6.17	0.63	5.85	107.34	0.23	42.29
2.12	24.16	6.17	0.63	5.85	107.71	0.23	42.29
2.137	24.16	6.17	0.63	5.85	107.64	0.23	42.29
2.15	24.16	6.17	0.63	5.82	107.31	0.23	42.29
2.161	24.16	6.17	0.63	5.82	108.0	0.23	42.29
2.166	24.16	6.17	0.61	5.82	108.92	0.23	42.29
2.168	24.16	6.17	0.61	5.84	110.43	0.23	42.29
2.177	24.16	6.17	0.61	5.86	111.77	0.23	42.29
2.188	24.16	6.17	0.61	5.85	112.78	0.23	42.29
2.193	24.15	6.17	0.66	5.9	119.67	0.23	42.29
2.195	24.15	6.17	0.66	5.9	122.0	0.23	42.29
2.2	24.15	6.17	0.66	5.91	122.27	0.23	42.28
2.206	24.15	6.17	0.66	5.92	123.48	0.23	42.28
2.209	24.15	6.17	0.61	5.92	124.65	0.24	42.28
2.213	24.15	6.17	0.61	5.93	125.33	0.24	42.28
2.232	24.15	6.17	0.61	5.94	126.43	0.24	42.29
2.247	24.15	6.17	0.61	5.94	126.93	0.24	42.28
2.257	24.15	6.17	0.61	5.94	127.88	0.24	42.28
2.27	24.15	6.17	0.61	5.93	128.02	0.24	42.28
2.284	24.15	6.17	0.61	5.94	127.52	0.24	42.28
2.299	24.15	6.17	0.61	5.95	127.74	0.24	42.28
2.312	24.15	6.17	0.61	5.94	127.13	0.24	42.28
2.326	24.15	6.17	0.61	5.92	126.52	0.24	42.28
2.345	24.15	6.17	0.61	5.9	126.85	0.24	42.28
2.364	24.15	6.17	0.61	5.9	126.05	0.24	42.28
2.378	24.15	6.17	0.61	5.9	126.52	0.24	42.28
2.38	24.14	6.17	0.58	5.93	127.35	0.24	42.27
2.384	24.14	6.17	0.58	5.93	127.88	0.24	42.28
2.395	24.14	6.17	0.58	5.94	127.88	0.24	42.27
2.414	24.14	6.17	0.58	5.95	128.02	0.24	42.28

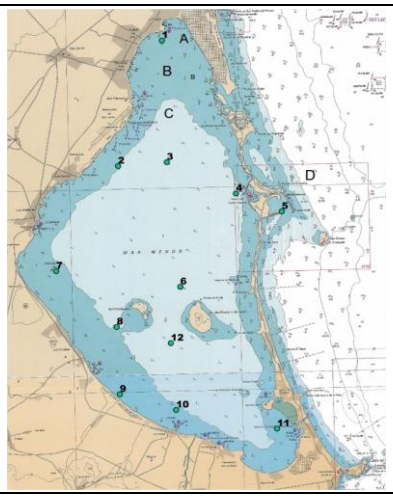
2.434	24.13	6.16	0.58	5.96	127.96	0.24	42.26
2.435	24.13	6.17	0.58	5.95	128.02	0.24	42.28
2.437	24.13	6.17	0.58	5.95	128.58	0.24	42.28
2.449	24.13	6.17	0.58	5.95	128.58	0.24	42.28
2.471	24.13	6.16	0.58	5.95	127.91	0.24	42.27
2.49	24.13	6.16	0.58	5.94	126.85	0.24	42.25
2.494	24.11	6.16	0.56	5.93	122.11	0.27	42.27
2.495	24.11	6.16	0.56	5.93	120.65	0.27	42.28
2.501	24.11	6.16	0.56	5.93	119.33	0.24	42.28
2.513	24.11	6.16	0.56	5.93	117.72	0.24	42.28
2.523	24.11	6.16	0.56	5.94	115.76	0.24	42.27
2.533	24.11	6.16	0.56	5.94	115.5	0.24	42.28
2.548	24.11	6.16	0.58	5.94	114.0	0.24	42.27
2.561	24.11	6.16	0.58	5.94	113.27	0.24	42.27
2.564	24.1	6.16	0.58	5.95	113.47	0.24	42.28
2.568	24.1	6.16	0.58	5.95	113.47	0.24	42.28
2.578	24.1	6.16	0.58	5.96	114.1	0.24	42.28
2.587	24.1	6.16	0.58	5.96	114.15	0.24	42.27
2.597	24.1	6.16	0.58	5.96	114.27	0.24	42.27
2.609	24.1	6.16	0.58	5.96	114.52	0.24	42.27
2.635	24.1	6.16	0.58	5.95	114.67	0.24	42.27
2.656	24.1	6.16	0.58	5.94	114.57	0.24	42.28
2.66	24.1	6.16	0.58	5.94	113.95	0.24	42.28
2.67	24.1	6.16	0.58	5.93	114.25	0.24	42.28
2.685	24.1	6.16	0.58	5.93	114.87	0.26	42.28
2.694	24.11	6.16	0.58	5.94	114.95	0.26	42.28
2.703	24.11	6.16	0.58	5.95	114.25	0.26	42.28
2.712	24.11	6.16	0.58	5.98	114.5	0.26	42.28
2.721	24.11	6.16	0.56	5.98	115.28	0.26	42.29
2.726	24.11	6.16	0.56	5.98	114.62	0.26	42.29
2.73	24.11	6.16	0.56	5.98	115.23	0.26	42.29
2.74	24.11	6.16	0.56	5.97	116.47	0.26	42.29
2.748	24.11	6.16	0.56	5.96	117.06	0.26	42.29
2.75	24.11	6.16	0.56	5.96	117.21	0.26	42.28
2.754	24.12	6.16	0.56	5.95	118.29	0.26	42.28
2.763	24.12	6.16	0.56	5.95	119.2	0.26	42.29
2.772	24.12	6.17	0.56	5.95	120.09	0.26	42.29
2.779	24.12	6.17	0.58	5.96	120.49	0.24	42.29
2.79	24.12	6.17	0.58	5.96	120.54	0.24	42.29
2.793	24.12	6.17	0.58	5.96	120.94	0.24	42.29
2.794	24.12	6.17	0.58	5.95	121.47	0.24	42.29
2.807	24.12	6.17	0.61	5.94	121.65	0.26	42.29
2.828	24.12	6.17	0.61	5.93	121.1	0.26	42.29
2.844	24.12	6.17	0.61	5.93	120.3	0.26	42.29
2.847	24.12	6.17	0.61	5.92	120.83	0.26	42.29
2.849	24.12	6.17	0.61	5.92	121.44	0.26	42.28
2.852	24.12	6.16	0.61	5.91	121.79	0.24	42.28
2.858	24.12	6.16	0.61	5.92	120.54	0.24	42.28
2.867	24.12	6.16	0.61	5.92	120.54	0.24	42.28
2.885	24.12	6.16	0.61	5.94	121.07	0.24	42.28
2.901	24.12	6.17	0.58	5.94	122.27	0.24	42.29
2.909	24.12	6.17	0.58	5.95	122.4	0.24	42.29
2.922	24.12	6.17	0.58	5.96	122.72	0.24	42.29
2.932	24.12	6.17	0.58	5.97	123.13	0.24	42.29
2.945	24.12	6.17	0.58	5.98	124.43	0.24	42.29
2.959	24.13	6.17	0.58	5.98	125.22	0.24	42.29
2.966	24.13	6.17	0.58	5.97	128.55	0.24	42.29
2.971	24.14	6.17	0.58	5.97	128.78	0.24	42.29

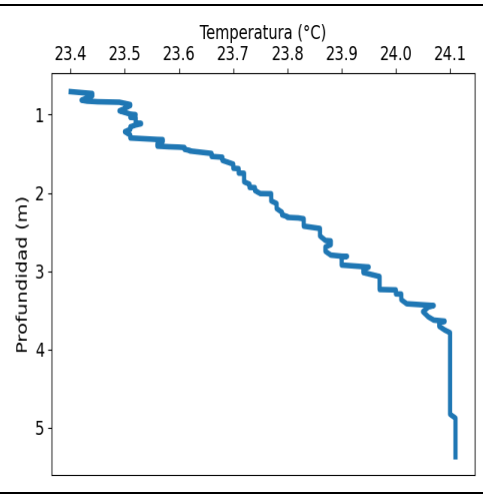
2.988	24.14	6.17	0.58	5.96	128.78	0.24	42.29
3.006	24.14	6.17	0.58	5.96	128.41	0.24	42.28
3.02	24.14	6.17	0.58	5.96	129.43	0.26	42.28
3.027	24.14	6.17	0.58	5.95	128.47	0.26	42.29
3.031	24.14	6.17	0.58	5.95	128.33	0.26	42.29
3.044	24.14	6.17	0.58	5.95	128.05	0.26	42.29
3.057	24.14	6.17	0.58	5.94	128.13	0.26	42.29
3.064	24.14	6.17	0.56	5.93	127.52	0.26	42.29
3.073	24.15	6.17	0.56	5.92	126.46	0.26	42.29
3.09	24.15	6.17	0.56	5.91	126.49	0.26	42.29
3.108	24.15	6.17	0.56	5.91	127.46	0.26	42.29
3.119	24.15	6.17	0.56	5.92	127.41	0.26	42.29
3.124	24.15	6.17	0.56	5.93	126.96	0.26	42.29
3.126	24.15	6.17	0.56	5.95	128.36	0.26	42.29
3.132	24.15	6.17	0.58	5.96	130.03	0.26	42.29
3.148	24.15	6.17	0.58	5.96	130.28	0.26	42.29
3.158	24.16	6.17	0.58	5.96	130.48	0.26	42.29
3.164	24.16	6.17	0.58	5.94	131.11	0.26	42.29
3.181	24.16	6.17	0.58	5.92	133.55	0.26	42.29
3.203	24.16	6.17	0.58	5.9	134.22	0.26	42.29
3.22	24.16	6.17	0.58	5.88	133.96	0.26	42.3
3.231	24.16	6.17	0.58	5.86	134.99	0.26	42.29
3.244	24.17	6.17	0.58	5.86	136.08	0.26	42.29
3.251	24.17	6.17	0.58	5.87	137.64	0.26	42.28
3.266	24.17	6.17	0.58	5.88	138.43	0.26	42.28
3.281	24.16	6.17	0.58	5.9	138.79	0.26	42.28
3.29	24.16	6.17	0.58	5.91	139.77	0.26	42.27
3.303	24.15	6.17	0.58	5.92	141.65	0.26	42.28
3.324	24.15	6.17	0.58	5.91	143.3	0.26	42.29
3.345	24.15	6.17	0.58	5.91	144.46	0.26	42.27
3.36	24.14	6.16	0.58	5.91	146.25	0.26	42.25
3.381	24.13	6.16	0.58	5.91	148.21	0.26	42.27
3.409	24.12	6.16	0.58	5.92	150.01	0.24	42.28
3.437	24.11	6.16	0.58	5.93	149.32	0.24	42.27
3.461	24.1	6.16	0.58	5.93	149.94	0.24	42.27
3.491	24.09	6.16	0.58	5.94	151.36	0.24	42.28
3.53	24.08	6.16	0.58	5.94	150.01	0.26	42.26
3.56	24.07	6.16	0.58	5.94	149.91	0.26	42.27
3.584	24.06	6.16	0.58	5.94	150.37	0.26	42.28
3.602	24.05	6.16	0.58	5.95	150.04	0.26	42.28
3.616	24.05	6.16	0.58	5.95	151.1	0.26	42.28
3.628	24.04	6.16	0.61	5.96	151.19	0.27	42.28
3.643	24.04	6.16	0.61	5.98	150.67	0.27	42.29
3.672	24.04	6.16	0.61	5.99	150.2	0.27	42.29
3.711	24.04	6.16	0.61	6.0	151.56	0.27	42.29
3.749	24.03	6.16	0.56	6.02	152.29	0.26	42.29
3.775	24.03	6.16	0.56	6.02	151.92	0.26	42.29
3.788	24.03	6.16	0.56	6.01	151.63	0.26	42.29
3.794	24.03	6.15	0.56	6.0	151.82	0.26	42.29
3.8	24.02	6.15	0.56	5.99	153.36	0.26	42.29
3.812	24.02	6.15	0.58	5.98	154.71	0.27	42.3
3.83	24.02	6.16	0.58	5.97	153.97	0.27	42.3
3.857	24.02	6.16	0.58	5.96	154.3	0.27	42.3
3.89	24.02	6.15	0.58	5.96	154.41	0.27	42.3
3.925	24.02	6.15	0.66	5.97	155.49	0.27	42.29
3.953	24.02	6.15	0.66	5.98	156.11	0.27	42.3
3.977	24.02	6.15	0.66	5.99	155.97	0.27	42.3
4.008	24.02	6.15	0.66	6.0	156.93	0.27	42.3

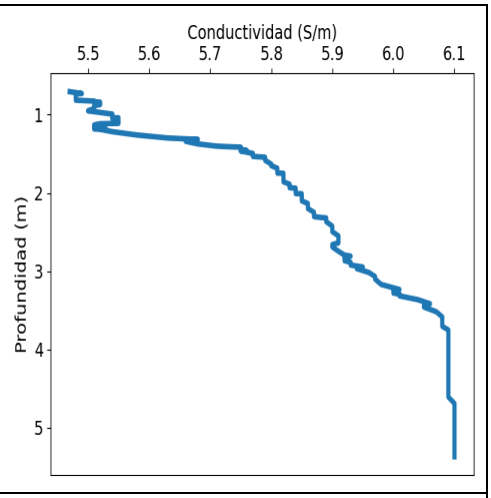
4.043	24.01	6.15	0.75	6.0	157.65	0.27	42.29
4.078	24.01	6.15	0.75	6.0	158.1	0.27	42.3
4.111	24.01	6.15	0.75	6.01	157.75	0.27	42.3
4.138	24.01	6.15	0.75	6.02	157.55	0.27	42.3
4.16	24.0	6.15	0.75	6.02	157.65	0.27	42.3
4.182	24.01	6.15	0.58	6.02	158.13	0.26	42.3
4.197	24.01	6.15	0.58	6.02	158.27	0.26	42.31
4.203	24.01	6.15	0.58	6.0	158.03	0.26	42.31
4.21	24.01	6.16	0.58	5.99	158.0	0.26	42.31
4.227	24.02	6.16	0.56	5.98	158.69	0.26	42.3
4.25	24.02	6.15	0.56	5.97	158.48	0.26	42.29
4.284	24.02	6.16	0.56	5.97	158.0	0.26	42.3
4.333	24.02	6.16	0.56	5.97	158.55	0.26	42.34
4.393	24.04	6.16	0.56	5.98	158.97	0.26	42.3
4.453	24.04	6.16	0.56	5.99	159.07	0.27	42.29
4.501	24.04	6.16	0.56	5.99	158.55	0.27	42.3
4.531	24.04	6.16	0.56	5.99	158.38	0.27	42.31
4.549	24.05	6.16	0.56	5.99	158.97	0.27	42.3
4.552	24.06	6.16	0.56	5.98	159.53	0.27	42.3
4.556	24.06	6.16	0.56	5.95	159.0	0.27	42.29
4.568	24.06	6.16	0.56	5.94	158.52	0.27	42.29
4.593	24.06	6.16	0.56	5.94	158.83	0.27	42.29
4.616	24.06	6.16	0.56	5.93	158.65	0.27	42.29
4.619	24.07	6.16	0.56	5.96	159.73	0.27	42.29
4.622	24.07	6.16	0.56	5.97	160.51	0.27	42.28
4.641	24.07	6.16	0.56	5.97	160.26	0.27	42.28
4.659	24.06	6.16	0.56	5.96	159.73	0.27	42.28
4.684	24.06	6.16	0.56	5.96	160.44	0.27	42.29
4.705	24.06	6.16	0.58	5.95	160.79	0.27	42.29
4.716	24.06	6.16	0.58	5.96	160.72	0.27	42.29
4.732	24.07	6.16	0.58	5.97	160.89	0.27	42.29
4.74	24.07	6.16	0.58	5.97	161.03	0.27	42.29
4.75	24.07	6.16	0.58	5.98	161.6	0.27	42.29
4.766	24.07	6.16	0.54	5.98	161.78	0.27	42.29
4.809	24.07	6.16	0.54	5.97	161.99	0.27	42.3
4.848	24.07	6.17	0.54	5.97	162.38	0.27	42.36
4.86	24.08	6.17	0.54	5.97	162.45	0.27	42.35
4.865	24.1	6.17	0.56	5.97	162.17	0.28	42.32
4.874	24.1	6.17	0.56	5.97	161.92	0.28	42.31
4.885	24.1	6.16	0.56	5.98	162.59	0.28	42.3
4.889	24.1	6.16	0.56	5.97	162.77	0.28	42.3
4.897	24.09	6.16	0.56	5.97	162.98	0.28	42.3
4.922	24.09	6.16	0.56	5.96	162.45	0.26	42.3
4.942	24.09	6.17	0.56	5.96	162.91	0.26	42.32
4.949	24.1	6.17	0.56	5.95	163.31	0.26	42.34
4.961	24.1	6.17	0.56	5.95	163.63	0.26	42.35
4.978	24.1	6.17	0.56	5.96	163.99	0.27	42.33
4.987	24.1	6.17	0.56	5.96	163.81	0.27	42.33
4.993	24.1	6.17	0.56	5.96	163.74	0.27	42.33
5.002	24.1	6.17	0.56	5.96	164.35	0.27	42.33
5.019	24.09	6.17	0.61	5.95	164.63	0.26	42.33
5.036	24.09	6.17	0.61	5.95	163.84	0.26	42.33
5.052	24.09	6.17	0.61	5.95	164.02	0.26	42.33
5.066	24.08	6.17	0.61	5.96	164.09	0.26	42.33
5.078	24.07	6.17	0.61	5.97	164.45	0.26	42.34
5.098	24.07	6.17	0.56	5.98	163.99	0.26	42.34
5.125	24.06	6.17	0.56	6.0	164.31	0.26	42.35
5.14	24.06	6.17	0.56	6.02	163.88	0.26	42.35

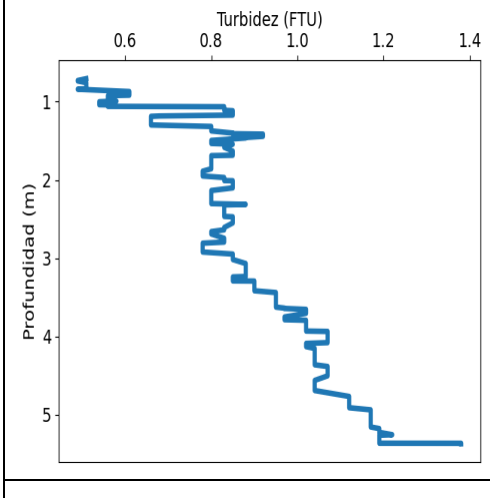
5.154	24.06	6.17	0.56	6.01	163.52	0.26	42.35
5.177	24.06	6.17	0.58	6.01	163.59	0.26	42.35
5.197	24.06	6.17	0.58	6.0	163.31	0.26	42.35
5.201	24.06	6.17	0.58	6.0	163.45	0.26	42.35
5.212	24.06	6.17	0.58	6.0	163.52	0.26	42.35
5.224	24.06	6.17	0.58	5.99	163.31	0.26	42.35
5.237	24.06	6.17	0.58	5.99	163.13	0.26	42.35
5.262	24.06	6.17	0.58	6.0	163.74	0.26	42.35
5.285	24.06	6.17	0.58	6.01	163.2	0.26	42.34
5.305	24.06	6.17	0.56	6.03	163.41	0.26	42.35
5.316	24.06	6.17	0.56	6.03	163.16	0.26	42.35
5.323	24.06	6.17	0.56	6.02	164.06	0.26	42.35
5.349	24.06	6.17	0.56	6.01	164.13	0.26	42.35
5.381	24.06	6.17	0.58	6.01	164.27	0.24	42.35
5.419	24.05	6.17	0.58	6.01	162.98	0.24	42.35
5.463	24.04	6.17	0.58	6.0	162.95	0.24	42.37
5.52	24.04	6.17	0.58	6.0	163.48	0.24	42.38
5.554	24.03	6.17	0.61	5.99	163.88	0.26	42.38
5.56	24.03	6.17	0.61	5.96	164.6	0.26	42.38
5.58	24.03	6.17	0.66	5.95	164.06	0.24	42.38
5.614	24.03	6.17	0.66	5.93	163.2	0.24	42.38
5.673	24.03	6.17	0.66	5.91	163.7	0.24	42.38
5.728	24.03	6.17	0.66	5.89	163.88	0.24	42.39
5.74	24.03	6.17	0.66	5.89	163.06	0.24	42.39
5.746	24.03	6.17	0.75	5.89	164.06	0.26	42.39
5.796	24.03	6.17	0.75	5.9	163.91	0.26	42.39
5.854	24.03	6.17	0.75	5.91	164.02	0.26	42.39
5.897	24.03	6.17	0.75	5.9	164.74	0.26	42.39
5.945	24.03	6.17	0.97	5.89	164.27	0.27	42.39
5.989	24.03	6.17	0.97	5.89	164.42	0.27	42.39
6.011	24.03	6.17	0.97	5.89	165.07	0.27	42.39
6.027	24.03	6.17	0.97	5.89	165.97	0.27	42.39
6.059	24.03	6.17	1.24	5.88	165.18	0.27	42.39
6.082	24.03	6.17	1.24	5.88	165.97	0.27	42.39
6.088	24.03	6.17	1.24	5.88	166.66	0.27	42.39
6.099	24.03	6.17	1.24	5.88	166.41	0.27	42.39
6.13	24.03	6.17	1.24	5.88	166.26	0.27	42.39
6.173	24.03	6.17	1.31	5.89	166.52	0.28	42.39
6.192	24.03	6.17	1.31	5.9	167.07	0.28	42.39
6.195	24.03	6.17	1.31	5.9	167.32	0.28	42.39
6.213	24.03	6.17	1.31	5.9	166.81	0.28	42.39
6.247	24.03	6.17	1.19	5.89	167.07	0.28	42.39
6.28	24.03	6.17	1.19	5.88	166.74	0.28	42.39
6.322	24.03	6.17	1.19	5.87	166.63	0.28	42.39
6.372	24.04	6.17	1.19	5.87	166.15	0.28	42.39
6.406	24.04	6.17	1.19	5.86	165.28	0.28	42.39
6.418	24.04	6.17	1.43	5.87	165.47	0.28	42.39
6.423	24.04	6.17	1.43	5.89	165.72	0.28	42.39
6.426	24.04	6.17	1.43	5.91	165.36	0.28	42.39
6.427	24.04	6.17	1.43	5.93	164.92	0.28	42.38
6.428	24.04	6.17	1.43	5.93	165.1	0.3	42.38
6.429	24.04	6.17	1.43	5.93	164.78	0.3	42.38
6.43	24.04	6.17	1.43	5.91	164.02	0.3	42.39
6.431	24.04	6.17	1.34	5.91	163.74	0.32	42.39

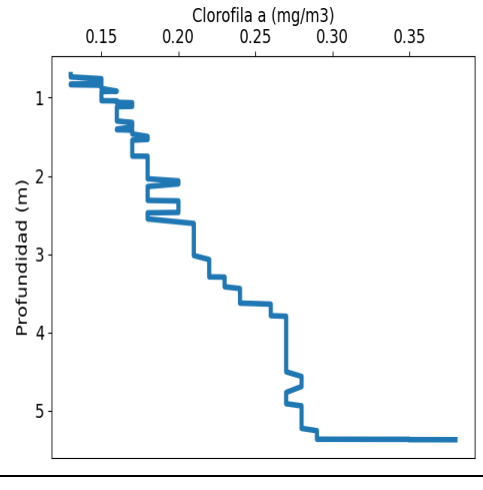
Nombre: CTD E08 - Punto 011 **Fecha: 05/06/2023** **Hora: 11:06:31**

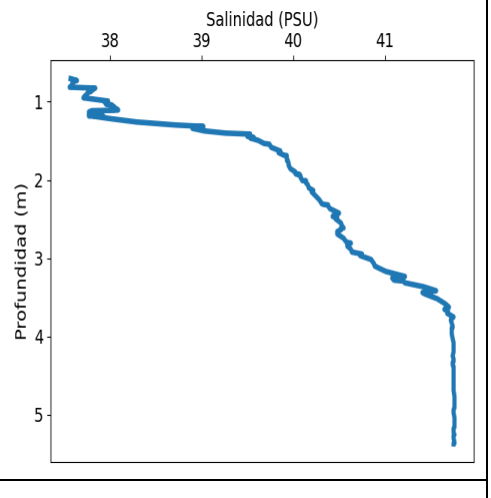


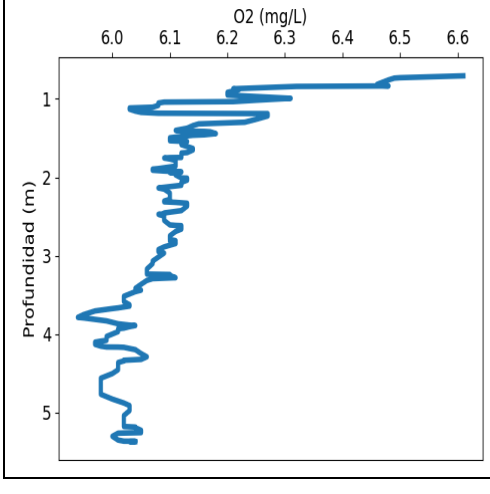


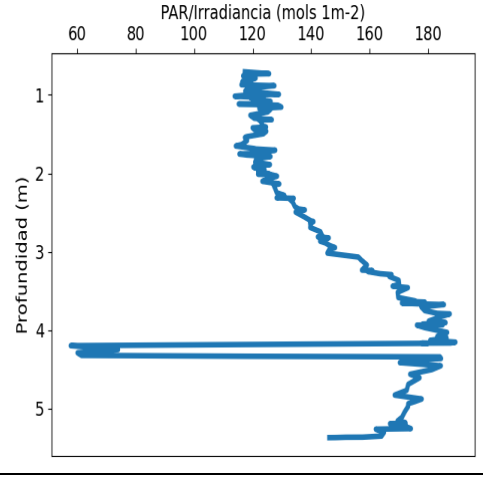












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.4	5.47	0.49	5.94	57.72	0.13	37.56
PROF (metros)	0.706	0.706	0.73	3.787	4.199	0.706	0.815
MÁXIMO	24.11	24.11	1.39	6.61	189.39	0.38	41.76
PROF (metros)	4.829	4.692	5.367	0.706	4.154	5.372	4.768

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	23.46	5.5	0.54	6.38	119.88	0.14	37.72
1 - 2m	23.62	5.7	0.77	6.13	121.89	0.17	39.11
2 - 3m	23.85	5.89	0.82	6.11	135.9	0.2	40.43
3 - 4m	24.05	6.05	0.95	6.03	172.36	0.25	41.48
4 - 5m	24.1	6.09	1.07	6.01	161.12	0.27	41.75
5 - 6m	24.11	6.1	1.24	6.03	163.52	0.3	41.75

OBSERVACIONES GENERALES

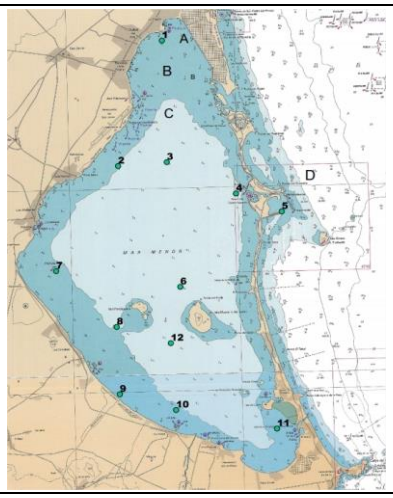
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	23.4	5.47	0.51	6.61	117.29	0.13	37.57
0.73	23.44	5.49	0.49	6.5	125.66	0.13	37.64
0.735	23.44	5.48	0.49	6.49	119.52	0.13	37.62
0.758	23.44	5.48	0.51	6.48	116.7	0.15	37.59
0.786	23.43	5.48	0.51	6.47	121.04	0.15	37.59
0.815	23.42	5.48	0.51	6.46	119.1	0.15	37.56
0.827	23.43	5.51	0.51	6.46	116.52	0.13	37.84
0.835	23.45	5.51	0.51	6.48	117.88	0.13	37.81
0.841	23.49	5.52	0.49	6.32	116.47	0.15	37.82
0.871	23.51	5.52	0.61	6.21	116.14	0.15	37.79
0.883	23.51	5.51	0.61	6.22	127.46	0.15	37.76
0.917	23.5	5.51	0.61	6.2	117.98	0.16	37.74
0.923	23.5	5.51	0.56	6.2	120.01	0.15	37.73
0.951	23.49	5.5	0.56	6.2	117.42	0.15	37.71
0.993	23.51	5.54	0.58	6.31	129.03	0.15	37.98
1.001	23.52	5.54	0.54	6.29	118.58	0.15	37.94
1.017	23.51	5.54	0.54	6.25	113.82	0.15	37.95
1.035	23.51	5.54	0.54	6.21	123.67	0.15	37.96
1.039	23.52	5.54	0.54	6.11	119.33	0.15	38.01
1.041	23.52	5.55	0.56	6.09	123.05	0.16	38.02
1.053	23.52	5.54	0.56	6.08	123.64	0.16	38.01
1.06	23.52	5.55	0.56	6.08	121.84	0.16	38.04
1.065	23.52	5.55	0.83	6.08	123.15	0.17	38.04
1.083	23.52	5.55	0.83	6.08	126.16	0.17	38.06
1.106	23.52	5.55	0.83	6.07	123.64	0.17	38.09
1.111	23.53	5.55	0.83	6.05	123.72	0.17	38.04
1.116	23.53	5.52	0.85	6.03	115.2	0.16	37.8
1.132	23.52	5.51	0.85	6.03	128.64	0.16	37.77
1.156	23.51	5.51	0.85	6.04	129.85	0.16	37.77
1.172	23.51	5.51	0.85	6.05	122.24	0.16	37.78
1.183	23.51	5.51	0.68	6.08	126.13	0.16	37.77
1.187	23.51	5.53	0.66	6.25	123.45	0.16	37.93
1.188	23.51	5.52	0.66	6.27	125.91	0.16	37.83
1.218	23.5	5.54	0.66	6.27	125.17	0.16	38.01
1.26	23.51	5.58	0.66	6.25	119.18	0.16	38.29
1.298	23.51	5.63	0.66	6.23	120.51	0.16	38.71

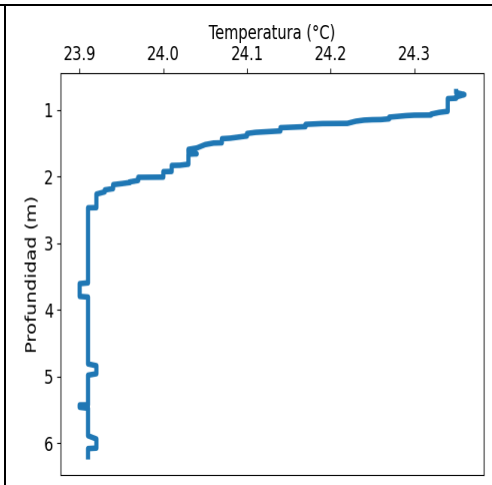
1.317	23.56	5.68	0.8	6.16	126.57	0.17	39.02
1.319	23.57	5.67	0.8	6.15	122.13	0.17	38.92
1.341	23.57	5.66	0.8	6.14	122.97	0.17	38.9
1.374	23.56	5.68	0.8	6.13	123.24	0.17	39.03
1.402	23.56	5.71	0.85	6.11	122.8	0.16	39.26
1.41	23.58	5.73	0.85	6.12	124.59	0.16	39.41
1.415	23.6	5.75	0.92	6.16	122.0	0.17	39.53
1.42	23.61	5.75	0.92	6.17	119.96	0.17	39.5
1.443	23.61	5.75	0.92	6.18	120.59	0.17	39.5
1.458	23.62	5.76	0.88	6.16	121.71	0.17	39.57
1.464	23.62	5.75	0.88	6.14	124.67	0.17	39.53
1.496	23.66	5.77	0.8	6.1	123.67	0.18	39.62
1.534	23.66	5.77	0.8	6.1	117.85	0.18	39.68
1.544	23.68	5.79	0.85	6.13	117.31	0.17	39.74
1.584	23.68	5.79	0.83	6.12	118.09	0.17	39.76
1.632	23.7	5.8	0.85	6.14	116.29	0.17	39.86
1.652	23.7	5.8	0.85	6.14	114.2	0.17	39.84
1.685	23.7	5.81	0.85	6.13	120.59	0.17	39.9
1.69	23.71	5.81	0.8	6.12	121.04	0.17	39.93
1.705	23.71	5.81	0.8	6.12	127.74	0.17	39.93
1.747	23.71	5.81	0.8	6.12	120.7	0.17	39.93
1.749	23.72	5.82	0.8	6.1	119.18	0.18	39.94
1.754	23.72	5.82	0.8	6.09	115.43	0.18	39.94
1.767	23.72	5.82	0.8	6.1	118.01	0.18	39.94
1.786	23.72	5.82	0.8	6.11	126.13	0.18	39.95
1.816	23.72	5.82	0.8	6.11	121.28	0.18	39.95
1.858	23.72	5.82	0.8	6.11	120.83	0.18	39.97
1.889	23.73	5.83	0.78	6.08	125.94	0.18	40.01
1.896	23.73	5.83	0.78	6.07	122.94	0.18	40.02
1.91	23.73	5.83	0.78	6.07	121.36	0.18	40.02
1.92	23.73	5.83	0.78	6.09	120.2	0.18	40.04
1.926	23.73	5.83	0.78	6.11	122.89	0.18	40.03
1.93	23.73	5.83	0.78	6.12	120.59	0.18	40.07
1.933	23.74	5.83	0.78	6.12	120.88	0.18	40.06
1.94	23.74	5.84	0.78	6.1	122.72	0.18	40.07
1.95	23.74	5.84	0.78	6.11	124.05	0.18	40.08
1.97	23.74	5.84	0.83	6.11	121.84	0.18	40.08
2.009	23.75	5.84	0.83	6.12	125.8	0.18	40.1
2.011	23.77	5.85	0.85	6.13	121.81	0.18	40.14
2.016	23.77	5.85	0.85	6.13	126.16	0.18	40.13
2.037	23.77	5.85	0.85	6.13	128.36	0.18	40.14
2.064	23.77	5.85	0.85	6.12	125.8	0.2	40.16
2.102	23.77	5.85	0.85	6.12	123.29	0.2	40.17
2.136	23.78	5.86	0.8	6.08	129.15	0.18	40.22
2.151	23.78	5.86	0.8	6.09	127.18	0.18	40.2
2.2	23.78	5.86	0.8	6.1	127.74	0.18	40.24
2.248	23.79	5.87	0.8	6.1	128.24	0.18	40.28
2.281	23.79	5.87	0.8	6.1	130.83	0.18	40.3
2.303	23.8	5.87	0.8	6.09	128.95	0.18	40.31
2.313	23.8	5.88	0.88	6.09	128.16	0.18	40.33
2.32	23.82	5.89	0.83	6.11	134.07	0.2	40.38
2.331	23.83	5.89	0.83	6.13	132.7	0.2	40.38
2.367	23.83	5.89	0.83	6.13	133.69	0.2	40.4
2.425	23.83	5.9	0.83	6.12	134.43	0.2	40.5
2.455	23.86	5.9	0.83	6.09	135.73	0.2	40.44
2.467	23.86	5.9	0.83	6.09	137.88	0.2	40.43
2.472	23.86	5.9	0.85	6.08	135.87	0.18	40.48
2.495	23.86	5.9	0.85	6.09	134.66	0.18	40.46

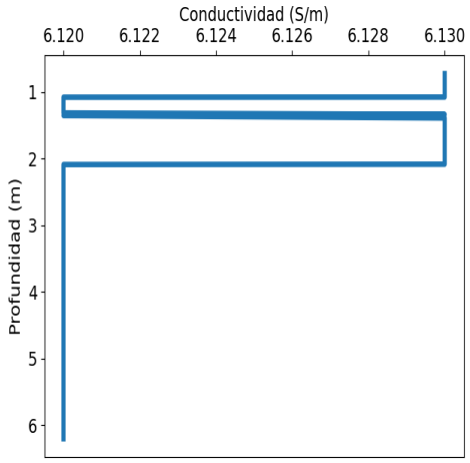
2.55	23.86	5.91	0.85	6.09	137.37	0.18	40.52
2.608	23.87	5.91	0.83	6.1	140.01	0.21	40.54
2.614	23.88	5.91	0.83	6.11	140.75	0.21	40.55
2.617	23.88	5.91	0.83	6.12	140.81	0.21	40.52
2.638	23.88	5.91	0.83	6.12	139.64	0.21	40.52
2.661	23.88	5.9	0.8	6.12	139.83	0.21	40.48
2.691	23.87	5.9	0.8	6.11	139.67	0.21	40.48
2.746	23.87	5.91	0.83	6.1	143.17	0.21	40.55
2.795	23.88	5.92	0.83	6.1	143.77	0.21	40.58
2.809	23.9	5.93	0.78	6.11	142.83	0.21	40.63
2.811	23.91	5.92	0.78	6.1	142.27	0.21	40.6
2.824	23.9	5.92	0.78	6.11	146.05	0.21	40.59
2.845	23.9	5.92	0.78	6.11	144.46	0.21	40.59
2.866	23.9	5.92	0.78	6.1	143.05	0.21	40.61
2.888	23.9	5.93	0.78	6.09	144.81	0.21	40.63
2.922	23.9	5.93	0.78	6.08	146.41	0.21	40.64
2.948	23.95	5.95	0.85	6.08	148.21	0.21	40.75
2.967	23.94	5.94	0.85	6.09	146.31	0.21	40.73
3.018	23.94	5.96	0.85	6.08	145.54	0.21	40.85
3.069	23.97	5.97	0.88	6.07	156.17	0.22	40.88
3.102	23.97	5.97	0.88	6.07	157.0	0.22	40.89
3.17	23.97	5.98	0.88	6.06	159.11	0.22	41.01
3.235	23.97	6.01	0.88	6.06	157.37	0.22	41.22
3.24	24.0	6.0	0.85	6.1	160.96	0.22	41.1
3.254	24.0	6.0	0.85	6.1	159.42	0.22	41.08
3.281	24.0	6.0	0.85	6.11	163.63	0.22	41.1
3.291	24.0	6.01	0.85	6.08	166.81	0.22	41.18
3.293	24.01	6.01	0.9	6.07	167.54	0.23	41.2
3.316	24.01	6.01	0.9	6.06	166.74	0.23	41.22
3.365	24.01	6.04	0.9	6.05	169.98	0.23	41.42
3.417	24.02	6.06	0.9	6.04	170.13	0.23	41.56
3.44	24.07	6.05	0.95	6.05	167.84	0.24	41.41
3.459	24.06	6.05	0.95	6.04	173.14	0.24	41.44
3.518	24.05	6.07	0.95	6.02	169.61	0.24	41.57
3.585	24.06	6.08	0.95	6.02	169.8	0.24	41.66
3.626	24.07	6.08	0.95	6.03	175.39	0.24	41.7
3.639	24.09	6.08	0.97	6.03	176.23	0.26	41.67
3.643	24.09	6.08	0.97	6.03	178.92	0.26	41.66
3.655	24.08	6.08	1.02	6.02	171.03	0.26	41.65
3.666	24.08	6.08	1.02	6.01	177.16	0.26	41.67
3.675	24.08	6.08	1.02	6.0	185.46	0.26	41.69
3.705	24.08	6.08	1.02	5.97	177.71	0.26	41.68
3.752	24.09	6.09	0.97	5.95	178.88	0.26	41.75
3.787	24.1	6.09	0.97	5.94	183.16	0.26	41.72
3.794	24.1	6.09	1.02	5.95	187.46	0.27	41.72
3.832	24.1	6.09	1.02	5.99	184.12	0.27	41.73
3.869	24.1	6.09	1.02	6.01	181.48	0.27	41.74
3.886	24.1	6.09	1.02	6.03	180.21	0.27	41.74
3.891	24.1	6.09	1.02	6.04	182.6	0.27	41.73
3.905	24.1	6.09	1.02	6.03	186.03	0.27	41.73
3.924	24.1	6.09	1.02	6.02	178.13	0.27	41.73
3.932	24.1	6.09	1.02	6.01	185.05	0.27	41.73
3.937	24.1	6.09	1.07	6.01	176.16	0.27	41.73
3.969	24.1	6.09	1.07	6.01	178.92	0.27	41.73
4.03	24.1	6.09	1.07	5.99	186.56	0.27	41.74
4.08	24.1	6.09	1.07	5.99	183.16	0.27	41.75
4.09	24.1	6.09	1.02	5.98	186.23	0.27	41.75
4.103	24.1	6.09	1.02	5.97	186.35	0.27	41.75

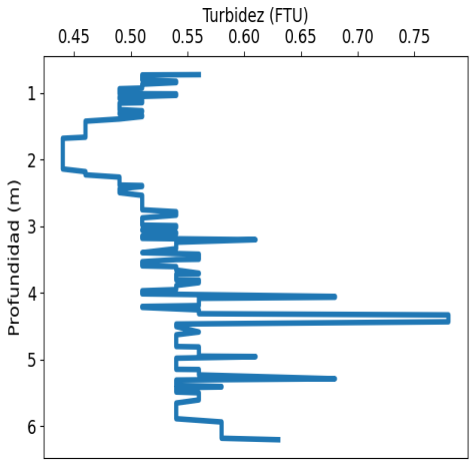
4.131	24.1	6.09	1.02	5.97	180.73	0.27	41.75
4.154	24.1	6.09	1.04	5.98	189.39	0.27	41.75
4.165	24.1	6.09	1.04	5.99	187.66	0.27	41.75
4.166	24.1	6.09	1.04	6.01	177.86	0.27	41.75
4.169	24.1	6.09	1.04	6.02	179.86	0.27	41.75
4.199	24.1	6.09	1.04	6.04	57.72	0.27	41.75
4.249	24.1	6.09	1.04	6.05	73.95	0.27	41.74
4.29	24.1	6.09	1.04	6.06	60.05	0.27	41.75
4.323	24.1	6.09	1.04	6.05	61.43	0.27	41.75
4.334	24.1	6.09	1.04	6.02	117.83	0.27	41.74
4.342	24.1	6.09	1.04	6.02	184.08	0.27	41.74
4.363	24.1	6.09	1.04	6.01	184.48	0.27	41.74
4.385	24.1	6.09	1.07	6.01	173.93	0.27	41.75
4.415	24.1	6.09	1.07	6.01	170.32	0.27	41.75
4.455	24.1	6.09	1.07	6.01	184.4	0.27	41.75
4.504	24.1	6.09	1.07	6.0	181.32	0.27	41.75
4.563	24.1	6.09	1.04	5.98	173.86	0.28	41.75
4.608	24.1	6.09	1.04	5.98	177.12	0.28	41.75
4.692	24.1	6.1	1.04	5.98	173.21	0.28	41.75
4.768	24.1	6.1	1.12	5.98	172.72	0.27	41.76
4.829	24.1	6.1	1.12	6.0	168.57	0.27	41.76
4.879	24.11	6.1	1.12	6.02	177.86	0.27	41.76
4.912	24.11	6.1	1.12	6.03	175.46	0.27	41.76
4.939	24.11	6.1	1.17	6.03	173.21	0.28	41.75
4.976	24.11	6.1	1.17	6.03	173.17	0.28	41.75
5.039	24.11	6.1	1.17	6.02	172.08	0.28	41.76
5.111	24.11	6.1	1.17	6.02	171.1	0.28	41.76
5.158	24.11	6.1	1.17	6.02	169.57	0.28	41.76
5.179	24.11	6.1	1.19	6.02	172.19	0.28	41.75
5.186	24.11	6.1	1.19	6.04	172.34	0.28	41.75
5.194	24.11	6.1	1.19	6.04	166.96	0.28	41.75
5.227	24.11	6.1	1.19	6.05	172.15	0.28	41.75
5.257	24.11	6.1	1.22	6.05	174.16	0.29	41.76
5.264	24.11	6.1	1.19	6.01	162.1	0.29	41.75
5.304	24.11	6.1	1.19	6.0	164.96	0.29	41.75
5.352	24.11	6.1	1.19	6.01	164.09	0.29	41.76
5.366	24.11	6.1	1.19	6.02	157.62	0.29	41.76
5.367	24.11	6.1	1.38	6.04	151.86	0.35	41.75
5.369	24.11	6.1	1.38	6.04	150.44	0.35	41.75
5.371	24.11	6.1	1.38	6.03	148.41	0.35	41.75
5.372	24.11	6.1	1.38	6.04	146.21	0.38	41.75

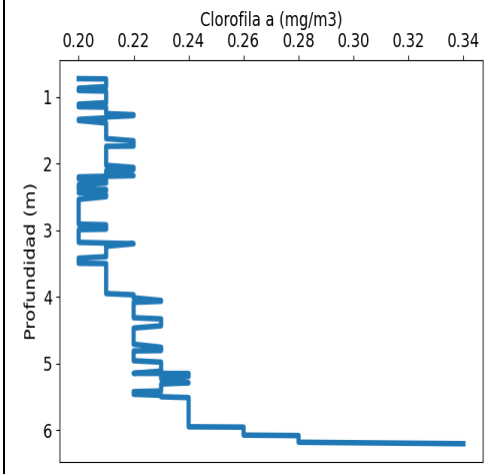
Nombre: CTD E07 - Punto 012 **Fecha: 05/06/2023** **Hora: 11:06:25**

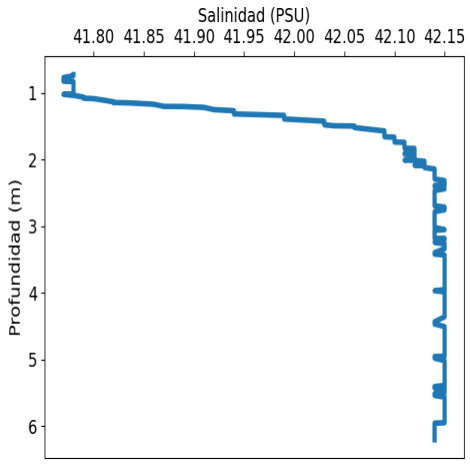


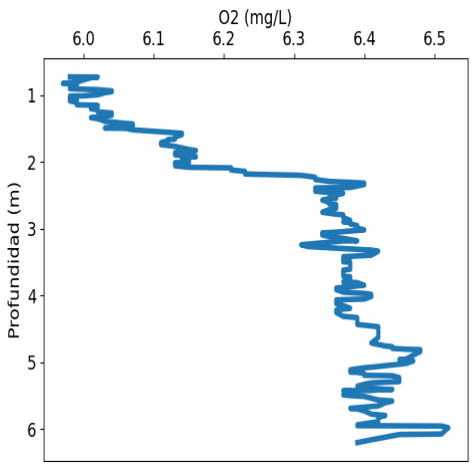


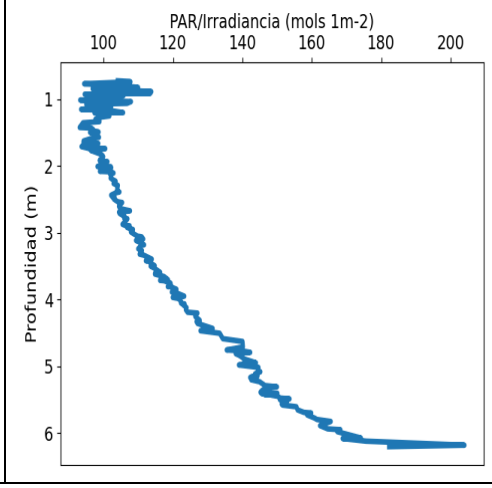












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	23.9	6.12	0.44	5.97	93.1	0.2	41.77
PROF (metros)	3.604	1.076	1.679	0.823	1.422	0.724	0.768
MÁXIMO	24.36	24.36	0.78	6.52	203.94	0.34	42.15
PROF (metros)	0.768	0.724	4.328	5.976	6.178	6.2	2.314

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	24.34	6.13	0.51	6.0	103.86	0.2	41.78
1 - 2m	24.13	6.13	0.47	6.06	98.25	0.21	41.98
2 - 3m	23.93	6.12	0.49	6.32	104.22	0.2	42.14
3 - 4m	23.91	6.12	0.54	6.37	114.89	0.2	42.15
4 - 5m	23.91	6.12	0.58	6.41	131.74	0.22	42.15
5 - 6m	23.91	6.12	0.55	6.41	151.53	0.24	42.15
6 - 7m	23.91	6.12	0.59	6.44	180.94	0.29	42.14

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.724	24.35	6.13	0.56	5.98	104.07	0.2	41.78
0.728	24.35	6.13	0.51	6.02	105.47	0.21	41.78
0.739	24.35	6.13	0.51	6.01	107.74	0.21	41.78
0.768	24.36	6.13	0.51	6.0	94.37	0.21	41.77
0.804	24.35	6.13	0.51	5.99	106.33	0.21	41.77
0.823	24.35	6.13	0.54	5.97	109.93	0.21	41.77
0.829	24.34	6.13	0.54	5.98	104.28	0.21	41.78
0.843	24.34	6.13	0.54	5.99	96.82	0.21	41.78
0.867	24.34	6.13	0.51	5.99	107.52	0.2	41.78
0.886	24.34	6.13	0.51	5.98	113.75	0.2	41.78
0.902	24.34	6.13	0.51	5.98	97.56	0.2	41.78
0.91	24.34	6.13	0.51	6.0	113.47	0.21	41.78
0.916	24.34	6.13	0.51	6.02	105.17	0.21	41.78
0.925	24.34	6.13	0.51	6.03	94.52	0.21	41.78
0.935	24.34	6.13	0.49	6.04	98.06	0.21	41.78
0.946	24.34	6.13	0.49	6.04	105.73	0.21	41.78
0.963	24.34	6.13	0.49	6.03	100.2	0.21	41.78
0.992	24.34	6.13	0.49	6.02	104.58	0.21	41.78
1.009	24.34	6.13	0.49	6.0	103.71	0.21	41.78
1.011	24.34	6.13	0.54	5.99	96.12	0.21	41.78
1.012	24.34	6.13	0.54	5.98	93.24	0.21	41.78
1.019	24.34	6.13	0.54	5.98	98.01	0.21	41.77
1.035	24.33	6.13	0.54	5.99	107.9	0.21	41.78
1.061	24.32	6.13	0.49	5.98	106.73	0.21	41.79
1.075	24.32	6.13	0.49	5.99	94.99	0.21	41.79
1.076	24.31	6.12	0.49	5.99	96.35	0.21	41.79
1.077	24.3	6.12	0.49	5.98	96.76	0.21	41.79
1.084	24.29	6.12	0.49	5.98	99.94	0.21	41.8
1.107	24.27	6.12	0.51	5.99	102.2	0.2	41.81
1.132	24.27	6.12	0.51	5.99	98.1	0.2	41.82
1.143	24.26	6.12	0.51	5.99	96.99	0.2	41.82
1.145	24.25	6.12	0.51	6.0	94.76	0.2	41.83
1.151	24.24	6.12	0.49	6.02	93.49	0.21	41.84
1.168	24.23	6.12	0.49	6.01	101.82	0.21	41.86
1.2	24.22	6.12	0.49	6.01	105.63	0.21	41.87

1.203	24.19	6.12	0.49	6.01	97.35	0.21	41.89
1.215	24.17	6.12	0.49	6.02	99.64	0.21	41.91
1.249	24.17	6.12	0.49	6.02	101.69	0.21	41.92
1.265	24.14	6.12	0.51	6.04	99.5	0.22	41.94
1.278	24.14	6.12	0.51	6.04	98.6	0.22	41.94
1.299	24.14	6.12	0.49	6.04	97.63	0.21	41.94
1.313	24.14	6.12	0.49	6.03	98.72	0.21	41.94
1.335	24.11	6.13	0.51	6.01	98.81	0.2	41.99
1.352	24.1	6.12	0.51	6.02	94.08	0.2	41.99
1.389	24.1	6.13	0.49	6.03	93.57	0.21	41.99
1.422	24.08	6.13	0.46	6.06	93.1	0.21	42.03
1.43	24.07	6.13	0.46	6.07	96.42	0.21	42.03
1.454	24.07	6.13	0.46	6.07	97.01	0.21	42.03
1.476	24.07	6.13	0.46	6.05	97.03	0.21	42.03
1.491	24.07	6.13	0.46	6.03	98.57	0.21	42.04
1.495	24.06	6.13	0.46	6.06	96.06	0.21	42.06
1.518	24.05	6.13	0.46	6.07	97.71	0.21	42.06
1.569	24.04	6.13	0.46	6.14	98.68	0.21	42.09
1.59	24.03	6.13	0.46	6.14	96.27	0.21	42.09
1.624	24.03	6.13	0.46	6.13	94.23	0.21	42.09
1.656	24.04	6.13	0.46	6.13	94.18	0.22	42.09
1.662	24.03	6.13	0.46	6.12	98.49	0.22	42.1
1.679	24.03	6.13	0.44	6.12	95.37	0.22	42.1
1.708	24.03	6.13	0.44	6.11	93.61	0.22	42.1
1.735	24.03	6.13	0.44	6.11	95.7	0.22	42.1
1.739	24.03	6.13	0.44	6.11	100.49	0.21	42.11
1.765	24.03	6.13	0.44	6.13	96.31	0.21	42.11
1.812	24.03	6.13	0.44	6.15	98.68	0.21	42.11
1.828	24.02	6.13	0.44	6.16	99.31	0.21	42.11
1.831	24.01	6.13	0.44	6.15	99.48	0.21	42.12
1.858	24.01	6.13	0.44	6.13	99.9	0.21	42.12
1.89	24.01	6.13	0.44	6.13	99.33	0.21	42.12
1.907	24.01	6.13	0.44	6.14	98.94	0.21	42.11
1.914	24.01	6.13	0.44	6.15	99.01	0.21	42.11
1.921	24.01	6.13	0.44	6.16	98.88	0.21	42.12
1.924	24.0	6.13	0.44	6.15	99.09	0.21	42.12
1.93	24.0	6.13	0.44	6.15	100.45	0.21	42.12
1.934	24.0	6.13	0.44	6.14	101.13	0.21	42.12
1.942	24.0	6.13	0.44	6.14	100.27	0.21	42.12
1.969	24.0	6.13	0.44	6.15	100.1	0.21	42.12
2.006	24.0	6.13	0.44	6.15	98.21	0.21	42.11
2.009	23.97	6.13	0.44	6.13	102.06	0.21	42.12
2.024	23.97	6.13	0.44	6.13	102.2	0.21	42.13
2.056	23.97	6.13	0.44	6.13	100.38	0.22	42.13
2.078	23.96	6.13	0.44	6.15	98.9	0.22	42.13
2.082	23.96	6.13	0.44	6.18	100.67	0.22	42.12
2.087	23.96	6.12	0.44	6.21	102.02	0.22	42.13
2.104	23.95	6.12	0.44	6.21	102.87	0.21	42.13
2.119	23.94	6.12	0.44	6.21	101.84	0.21	42.13
2.139	23.94	6.12	0.44	6.23	102.18	0.21	42.14
2.179	23.94	6.12	0.46	6.23	102.0	0.22	42.14
2.198	23.93	6.12	0.46	6.31	102.51	0.2	42.14
2.227	23.93	6.12	0.46	6.33	103.48	0.2	42.14
2.261	23.92	6.12	0.49	6.33	102.85	0.21	42.14
2.289	23.92	6.12	0.49	6.35	104.12	0.21	42.14
2.314	23.92	6.12	0.49	6.4	103.91	0.2	42.15
2.336	23.92	6.12	0.49	6.4	104.0	0.2	42.15
2.38	23.92	6.12	0.49	6.38	103.8	0.2	42.15

2.387	23.92	6.12	0.51	6.33	104.58	0.21	42.14
2.401	23.92	6.12	0.51	6.33	103.48	0.21	42.14
2.436	23.92	6.12	0.49	6.33	102.15	0.2	42.15
2.464	23.92	6.12	0.49	6.36	102.56	0.21	42.14
2.466	23.91	6.12	0.49	6.37	103.17	0.21	42.14
2.494	23.91	6.12	0.49	6.36	102.96	0.21	42.14
2.535	23.91	6.12	0.51	6.35	104.12	0.2	42.14
2.542	23.91	6.12	0.51	6.36	104.85	0.2	42.14
2.546	23.91	6.12	0.51	6.35	105.36	0.2	42.14
2.569	23.91	6.12	0.51	6.34	104.85	0.2	42.14
2.602	23.91	6.12	0.51	6.35	104.42	0.2	42.14
2.627	23.91	6.12	0.51	6.35	104.67	0.2	42.14
2.637	23.91	6.12	0.51	6.36	104.92	0.2	42.14
2.649	23.91	6.12	0.51	6.36	105.84	0.2	42.14
2.67	23.91	6.12	0.51	6.36	107.62	0.2	42.14
2.69	23.91	6.12	0.51	6.36	104.42	0.2	42.14
2.711	23.91	6.12	0.51	6.35	104.64	0.2	42.15
2.751	23.91	6.12	0.51	6.34	106.03	0.2	42.15
2.78	23.91	6.12	0.54	6.36	105.89	0.2	42.14
2.789	23.91	6.12	0.54	6.37	106.87	0.2	42.14
2.832	23.91	6.12	0.54	6.37	106.17	0.2	42.14
2.872	23.91	6.12	0.51	6.38	105.43	0.2	42.14
2.891	23.91	6.12	0.51	6.38	106.42	0.2	42.14
2.894	23.91	6.12	0.51	6.37	107.5	0.2	42.14
2.906	23.91	6.12	0.51	6.38	107.38	0.2	42.14
2.916	23.91	6.12	0.51	6.38	106.7	0.21	42.14
2.926	23.91	6.12	0.51	6.38	107.15	0.21	42.14
2.95	23.91	6.12	0.51	6.39	108.47	0.21	42.14
2.981	23.91	6.12	0.51	6.39	107.81	0.21	42.14
2.989	23.91	6.12	0.54	6.39	107.9	0.2	42.14
3.015	23.91	6.12	0.54	6.4	108.71	0.2	42.14
3.049	23.91	6.12	0.51	6.36	109.74	0.2	42.15
3.06	23.91	6.12	0.51	6.34	110.97	0.2	42.14
3.092	23.91	6.12	0.54	6.34	111.43	0.2	42.14
3.113	23.91	6.12	0.54	6.35	109.3	0.2	42.14
3.143	23.91	6.12	0.51	6.37	110.48	0.2	42.14
3.179	23.91	6.12	0.51	6.39	111.67	0.2	42.14
3.18	23.91	6.12	0.51	6.37	110.75	0.2	42.15
3.2	23.91	6.12	0.61	6.35	110.63	0.22	42.15
3.238	23.91	6.12	0.54	6.31	109.95	0.21	42.14
3.265	23.91	6.12	0.54	6.32	111.06	0.21	42.15
3.318	23.91	6.12	0.54	6.41	110.36	0.21	42.15
3.334	23.91	6.12	0.54	6.42	111.58	0.21	42.15
3.394	23.91	6.12	0.51	6.41	113.9	0.21	42.14
3.417	23.91	6.12	0.56	6.37	112.14	0.2	42.14
3.429	23.91	6.12	0.56	6.38	113.27	0.2	42.15
3.455	23.91	6.12	0.56	6.37	113.6	0.2	42.15
3.493	23.91	6.12	0.56	6.37	114.75	0.2	42.15
3.498	23.91	6.12	0.54	6.38	113.52	0.21	42.15
3.53	23.91	6.12	0.51	6.38	114.65	0.21	42.15
3.592	23.91	6.12	0.51	6.38	116.31	0.21	42.15
3.604	23.9	6.12	0.54	6.38	114.8	0.21	42.15
3.617	23.9	6.12	0.54	6.37	114.77	0.21	42.15
3.655	23.9	6.12	0.54	6.37	117.44	0.21	42.15
3.702	23.9	6.12	0.56	6.37	118.55	0.21	42.15
3.711	23.9	6.12	0.56	6.37	116.24	0.21	42.15
3.716	23.9	6.12	0.54	6.38	117.36	0.21	42.15
3.752	23.9	6.12	0.54	6.38	119.28	0.21	42.15

3.795	23.9	6.12	0.54	6.37	119.41	0.21	42.15
3.804	23.91	6.12	0.54	6.39	118.47	0.21	42.15
3.805	23.91	6.12	0.56	6.39	119.2	0.21	42.15
3.844	23.91	6.12	0.56	6.4	120.99	0.21	42.15
3.886	23.91	6.12	0.54	6.36	119.62	0.21	42.15
3.91	23.91	6.12	0.54	6.36	121.52	0.21	42.15
3.948	23.91	6.12	0.54	6.37	123.24	0.21	42.15
3.966	23.91	6.12	0.51	6.4	119.88	0.22	42.14
3.981	23.91	6.12	0.51	6.41	121.41	0.22	42.15
4.012	23.91	6.12	0.51	6.41	122.21	0.22	42.15
4.051	23.91	6.12	0.68	6.4	122.27	0.23	42.15
4.06	23.91	6.12	0.68	6.37	122.8	0.23	42.15
4.063	23.91	6.12	0.68	6.36	123.32	0.23	42.15
4.079	23.91	6.12	0.56	6.36	122.94	0.22	42.15
4.097	23.91	6.12	0.56	6.36	123.4	0.22	42.15
4.12	23.91	6.12	0.56	6.36	123.91	0.22	42.15
4.151	23.91	6.12	0.56	6.37	123.69	0.22	42.15
4.188	23.91	6.12	0.56	6.38	124.18	0.22	42.15
4.201	23.91	6.12	0.51	6.37	127.04	0.22	42.15
4.215	23.91	6.12	0.51	6.36	126.46	0.22	42.15
4.252	23.91	6.12	0.56	6.36	126.4	0.22	42.15
4.31	23.91	6.12	0.56	6.37	127.71	0.22	42.15
4.328	23.91	6.12	0.78	6.39	126.74	0.23	42.15
4.356	23.91	6.12	0.78	6.39	127.07	0.23	42.15
4.431	23.91	6.12	0.78	6.39	131.43	0.23	42.14
4.465	23.91	6.12	0.54	6.42	127.88	0.22	42.14
4.503	23.91	6.12	0.54	6.42	133.43	0.22	42.15
4.584	23.91	6.12	0.56	6.42	134.34	0.22	42.15
4.626	23.91	6.12	0.54	6.42	140.01	0.22	42.15
4.708	23.91	6.12	0.54	6.41	140.13	0.22	42.15
4.753	23.91	6.12	0.54	6.43	135.43	0.23	42.15
4.764	23.91	6.12	0.54	6.44	139.52	0.23	42.15
4.789	23.91	6.12	0.54	6.44	142.24	0.23	42.15
4.802	23.91	6.12	0.54	6.46	138.31	0.23	42.15
4.808	23.91	6.12	0.56	6.48	138.03	0.22	42.15
4.835	23.92	6.12	0.56	6.48	139.13	0.22	42.15
4.89	23.92	6.12	0.56	6.47	140.63	0.22	42.15
4.946	23.92	6.12	0.56	6.46	143.9	0.22	42.15
4.952	23.92	6.12	0.61	6.46	140.29	0.22	42.14
4.955	23.92	6.12	0.61	6.45	141.96	0.22	42.14
4.977	23.91	6.12	0.54	6.47	138.94	0.23	42.14
5.014	23.91	6.12	0.54	6.46	144.62	0.23	42.15
5.071	23.91	6.12	0.54	6.41	144.4	0.23	42.15
5.079	23.91	6.12	0.54	6.4	145.16	0.23	42.15
5.11	23.91	6.12	0.54	6.38	143.61	0.23	42.15
5.144	23.91	6.12	0.54	6.38	144.34	0.22	42.15
5.147	23.91	6.12	0.56	6.39	142.89	0.24	42.15
5.165	23.91	6.12	0.56	6.4	142.2	0.24	42.15
5.192	23.91	6.12	0.56	6.4	143.77	0.24	42.15
5.198	23.91	6.12	0.56	6.44	142.49	0.23	42.15
5.228	23.91	6.12	0.56	6.45	144.91	0.23	42.15
5.286	23.91	6.12	0.68	6.45	146.5	0.24	42.15
5.305	23.91	6.12	0.54	6.41	149.94	0.23	42.15
5.327	23.91	6.12	0.54	6.4	146.76	0.23	42.15
5.355	23.91	6.12	0.54	6.39	145.73	0.23	42.15
5.386	23.91	6.12	0.54	6.41	145.16	0.23	42.15
5.401	23.91	6.12	0.58	6.43	148.54	0.23	42.14
5.402	23.91	6.12	0.58	6.44	150.07	0.23	42.14

5.404	23.91	6.12	0.58	6.44	147.24	0.23	42.14
5.405	23.91	6.12	0.58	6.43	145.54	0.23	42.14
5.409	23.91	6.12	0.58	6.42	145.89	0.23	42.14
5.419	23.91	6.12	0.54	6.41	148.5	0.22	42.15
5.422	23.91	6.12	0.54	6.37	146.44	0.22	42.14
5.423	23.9	6.12	0.54	6.38	147.92	0.22	42.14
5.432	23.9	6.12	0.54	6.38	148.7	0.22	42.15
5.445	23.9	6.12	0.54	6.39	150.04	0.22	42.15
5.458	23.9	6.12	0.54	6.38	150.47	0.22	42.15
5.473	23.91	6.12	0.54	6.38	150.93	0.23	42.15
5.485	23.91	6.12	0.54	6.37	153.56	0.23	42.15
5.496	23.91	6.12	0.56	6.38	150.76	0.23	42.15
5.508	23.91	6.12	0.56	6.4	152.96	0.24	42.14
5.535	23.91	6.12	0.56	6.41	152.62	0.24	42.14
5.562	23.91	6.12	0.56	6.42	151.26	0.24	42.15
5.577	23.91	6.12	0.56	6.44	151.53	0.24	42.15
5.603	23.91	6.12	0.56	6.43	155.53	0.24	42.15
5.65	23.91	6.12	0.54	6.42	155.87	0.24	42.15
5.687	23.91	6.12	0.54	6.38	157.68	0.24	42.15
5.696	23.91	6.12	0.54	6.39	159.8	0.24	42.15
5.725	23.91	6.12	0.54	6.4	158.62	0.24	42.15
5.773	23.91	6.12	0.54	6.41	160.79	0.24	42.15
5.793	23.91	6.12	0.54	6.43	161.42	0.24	42.15
5.823	23.91	6.12	0.54	6.42	165.43	0.24	42.15
5.885	23.91	6.12	0.54	6.42	162.31	0.24	42.15
5.934	23.92	6.12	0.58	6.39	164.56	0.24	42.15
5.946	23.92	6.12	0.58	6.39	168.2	0.24	42.15
5.951	23.92	6.12	0.58	6.51	167.18	0.26	42.14
5.976	23.92	6.12	0.58	6.52	167.32	0.26	42.14
6.071	23.92	6.12	0.58	6.51	174.12	0.26	42.14
6.078	23.91	6.12	0.58	6.45	168.83	0.28	42.14
6.118	23.91	6.12	0.58	6.43	175.58	0.28	42.14
6.178	23.91	6.12	0.58	6.4	203.94	0.28	42.14
6.2	23.91	6.12	0.63	6.39	182.24	0.34	42.14