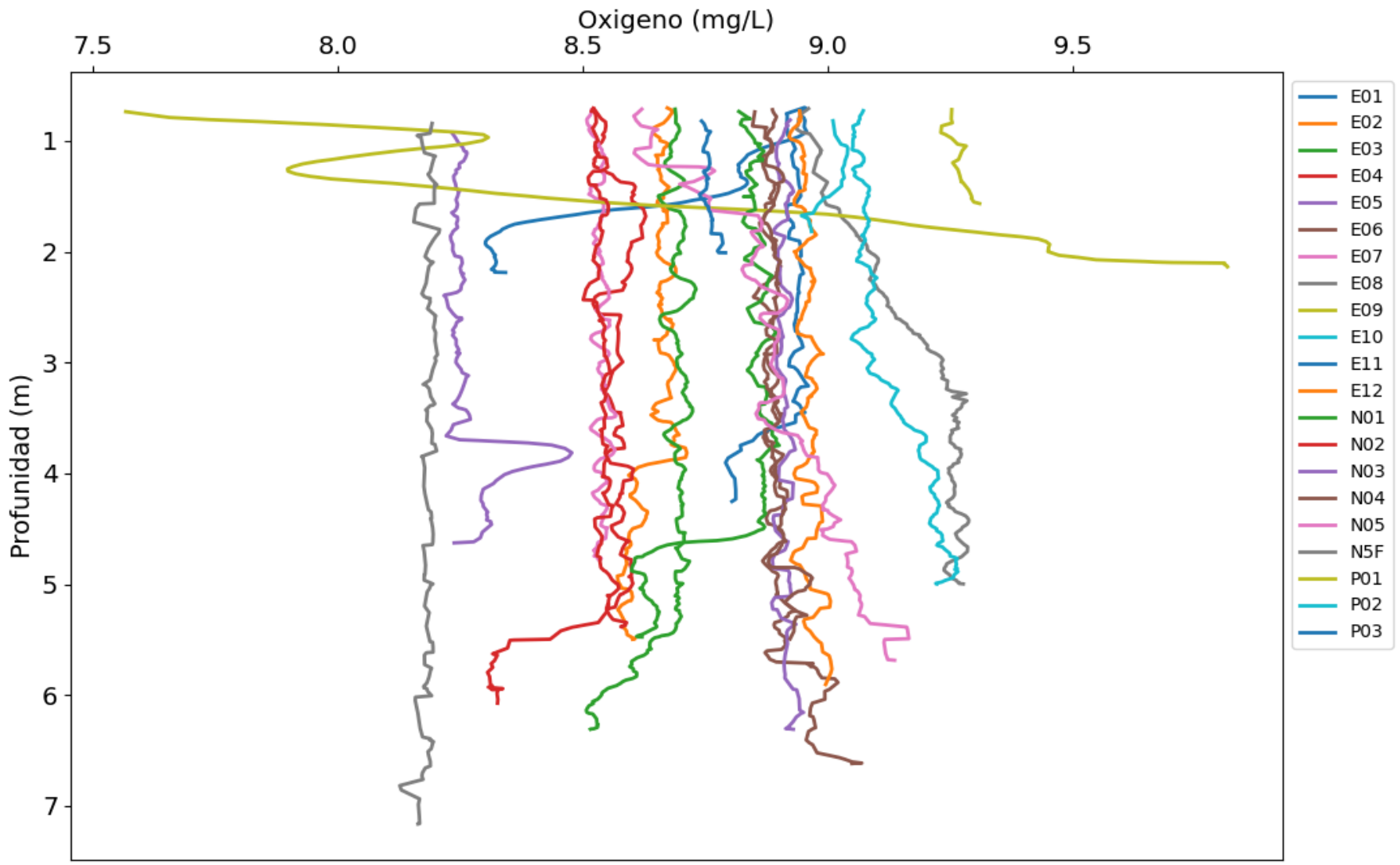
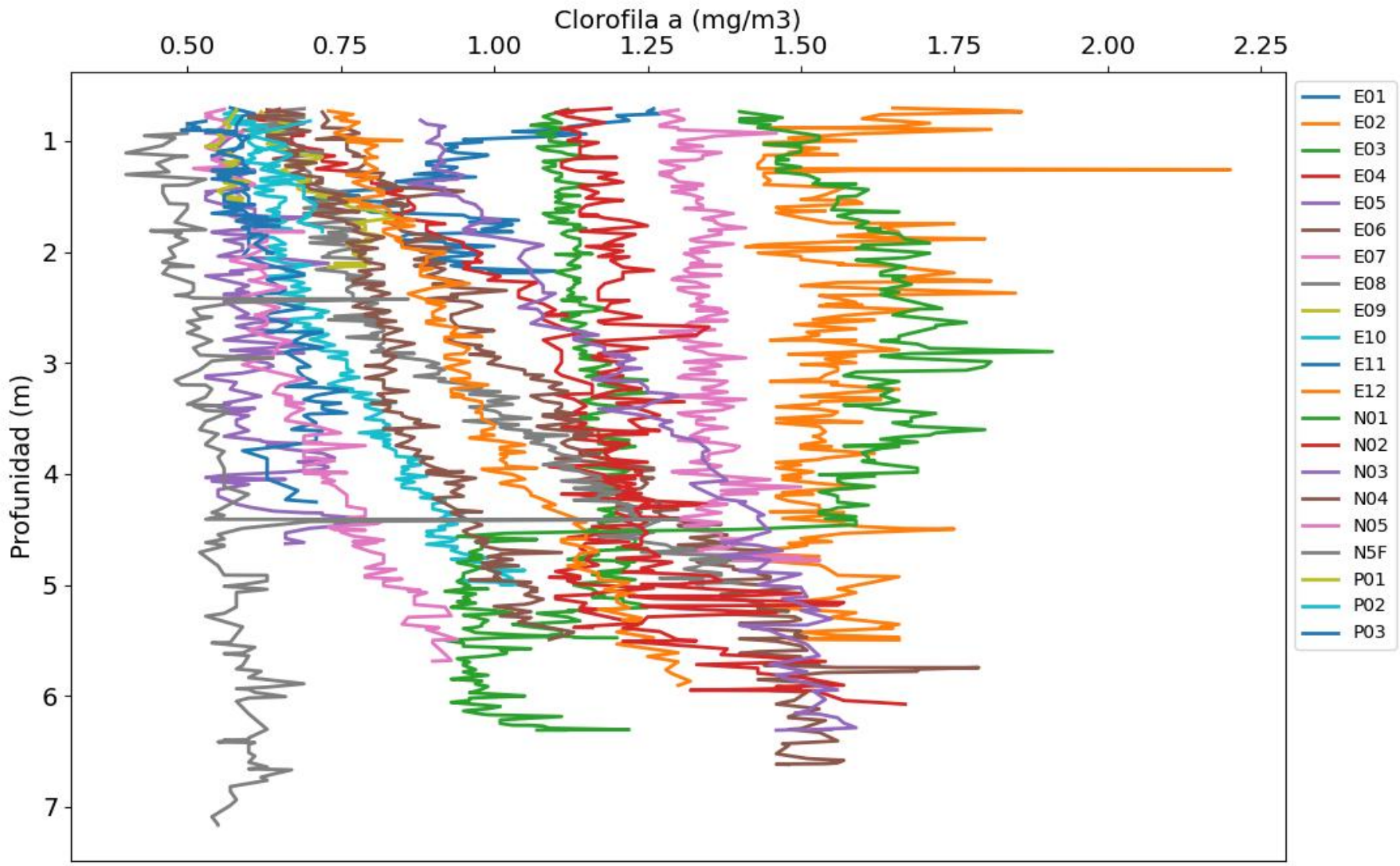
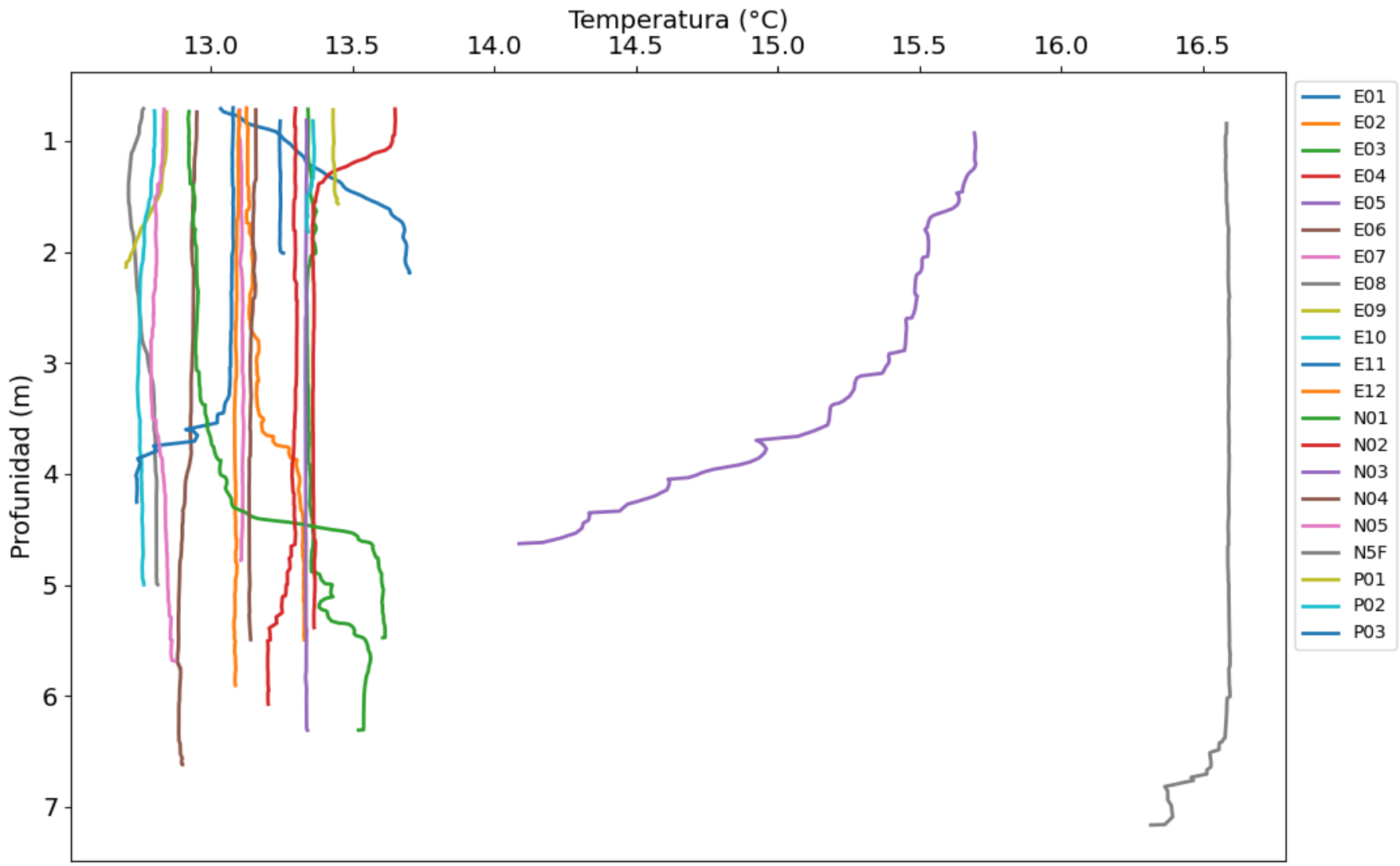
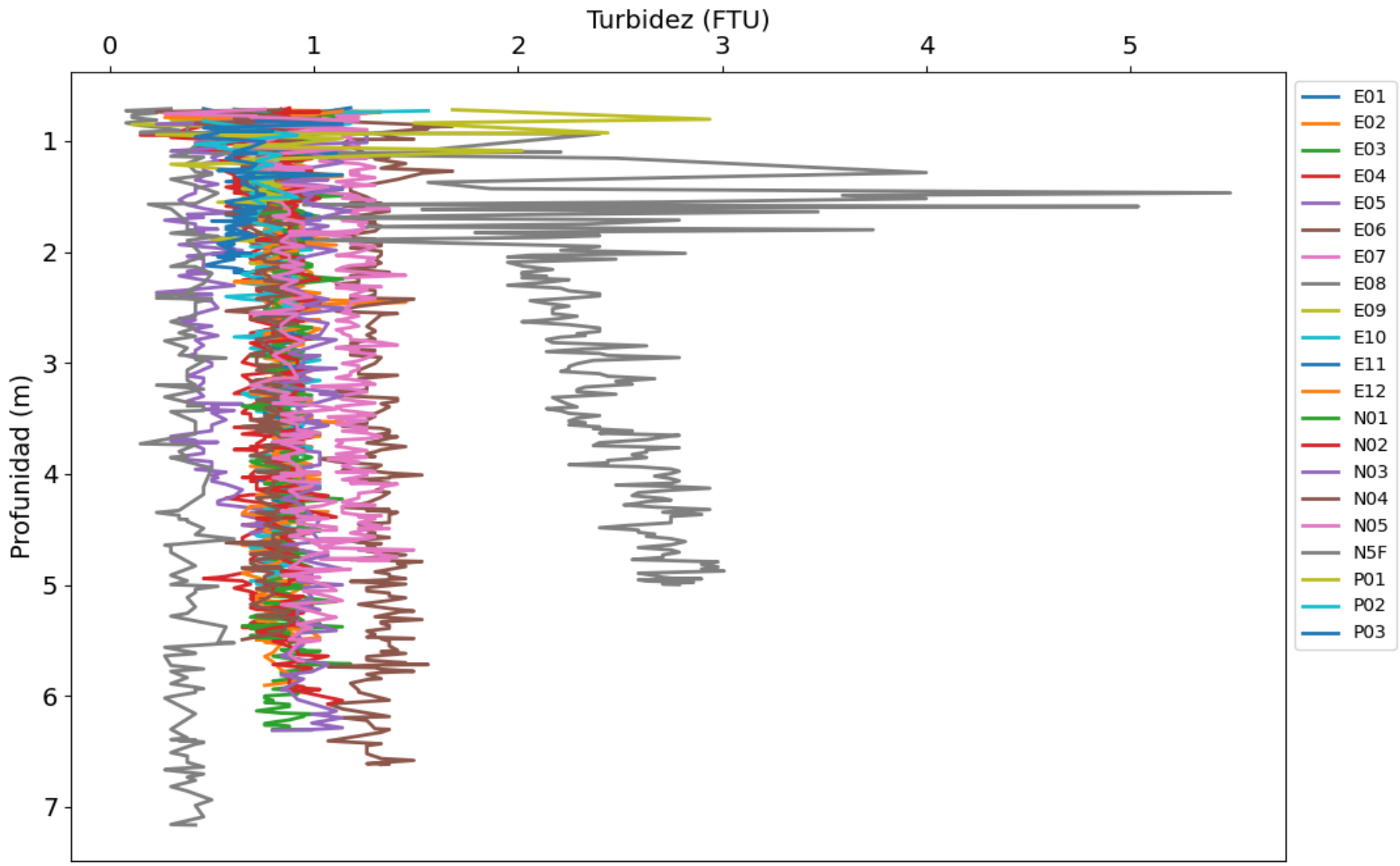
FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20241217**

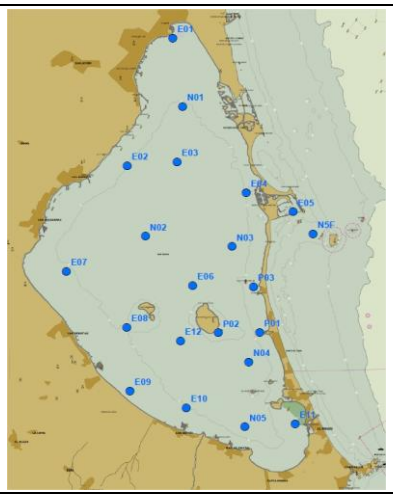


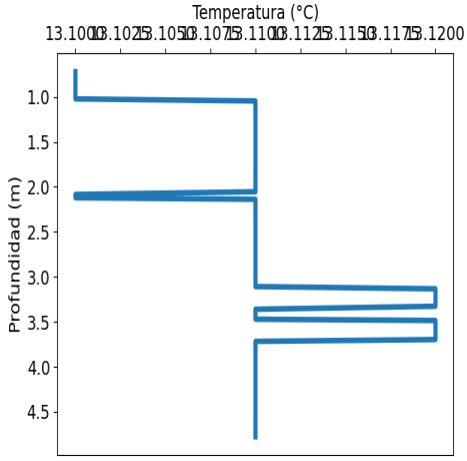

Clorofila a (mg/m3)
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

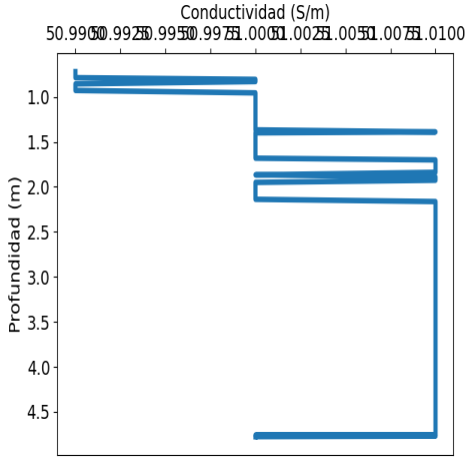

Temperatura (°C)
13.0
13.5
14.0
14.5
15.0
15.5
16.0
16.5
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

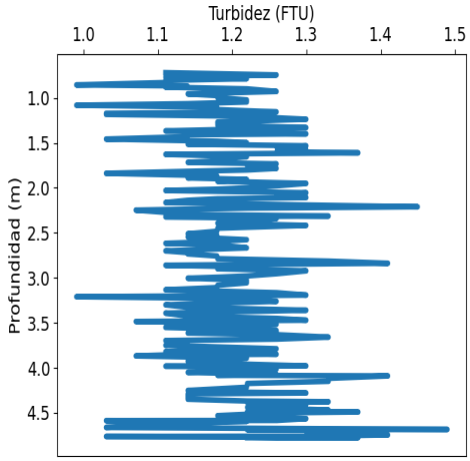

Turbidez (FTU)
0
1
2
3
4
5
Profunidad (m)
1
2
3
4
5
6
7
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

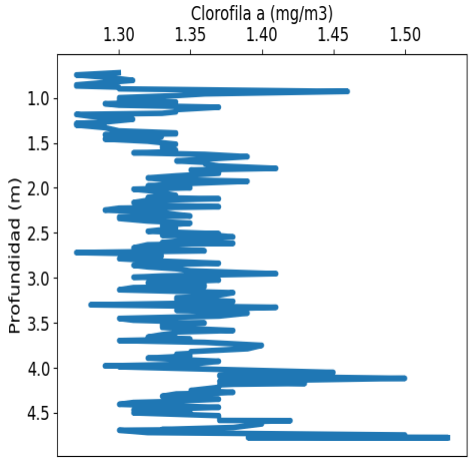
Nombre: CTD E07 - Punto 001 **Fecha: 17/12/2024** **Hora: 08:12:04**

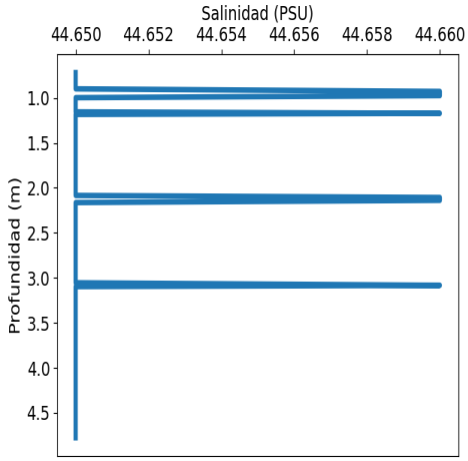


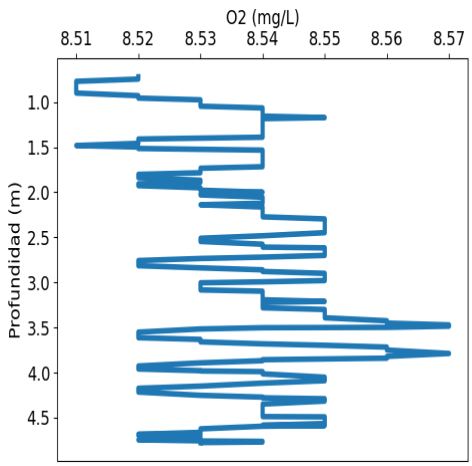


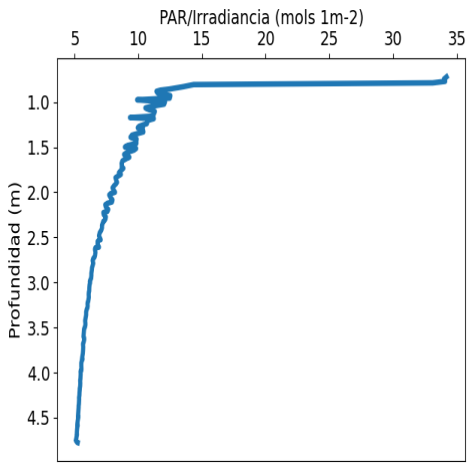












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.1	50.99	0.99	8.51	5.1	1.27	44.65
PROF (metros)	0.719	0.719	0.855	0.769	4.746	0.744	0.719
MÁXIMO	13.12	13.12	1.49	8.57	34.21	1.53	44.66
PROF (metros)	3.133	1.389	4.685	3.471	0.719	4.775	0.928

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.1	50.99	1.15	8.52	18.39	1.31	44.65
1 - 2m	13.11	51.0	1.19	8.53	9.48	1.33	44.65
2 - 3m	13.11	51.01	1.2	8.54	6.98	1.33	44.65
3 - 4m	13.11	51.01	1.19	8.54	5.81	1.34	44.65
4 - 5m	13.11	51.01	1.24	8.54	5.29	1.38	44.65

OBSERVACIONES GENERALES

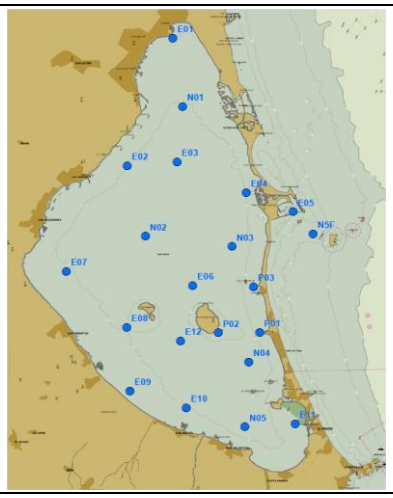
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.719	13.1	50.99	1.11	8.52	34.21	1.3	44.65
0.744	13.1	50.99	1.26	8.52	34.0	1.27	44.65
0.769	13.1	50.99	1.11	8.51	34.1	1.29	44.65
0.786	13.1	50.99	1.22	8.51	33.12	1.3	44.65
0.805	13.1	51.0	1.11	8.51	14.34	1.31	44.65
0.829	13.1	51.0	1.11	8.51	13.51	1.29	44.65
0.855	13.1	50.99	0.99	8.51	12.43	1.27	44.65
0.867	13.1	50.99	1.14	8.51	11.74	1.27	44.65
0.88	13.1	50.99	1.11	8.51	11.42	1.3	44.65
0.899	13.1	50.99	1.22	8.51	11.52	1.3	44.65
0.928	13.1	50.99	1.26	8.52	12.52	1.46	44.66
0.955	13.1	51.0	1.14	8.52	12.47	1.36	44.66
0.974	13.1	51.0	1.18	8.53	9.9	1.34	44.66
0.997	13.1	51.0	1.18	8.53	12.1	1.3	44.65
1.022	13.1	51.0	1.22	8.53	12.03	1.3	44.65
1.045	13.11	51.0	1.22	8.53	11.08	1.34	44.65
1.064	13.11	51.0	1.14	8.54	10.55	1.29	44.65
1.081	13.11	51.0	0.99	8.54	10.8	1.3	44.65
1.103	13.11	51.0	1.18	8.54	11.3	1.37	44.65
1.13	13.11	51.0	1.18	8.54	11.22	1.34	44.65
1.155	13.11	51.0	1.26	8.54	11.15	1.34	44.65
1.171	13.11	51.0	1.03	8.55	9.34	1.33	44.66
1.183	13.11	51.0	1.03	8.54	11.22	1.27	44.65
1.204	13.11	51.0	1.22	8.54	10.7	1.28	44.65
1.237	13.11	51.0	1.3	8.54	10.68	1.31	44.65
1.268	13.11	51.0	1.18	8.54	10.06	1.29	44.65
1.284	13.11	51.0	1.18	8.54	9.95	1.27	44.65
1.288	13.11	51.0	1.22	8.54	10.35	1.29	44.65
1.301	13.11	51.0	1.18	8.54	10.35	1.27	44.65
1.33	13.11	51.0	1.3	8.54	10.4	1.29	44.65
1.366	13.11	51.0	1.11	8.54	9.5	1.3	44.65
1.389	13.11	51.01	1.22	8.54	9.38	1.34	44.65
1.399	13.11	51.0	1.3	8.53	9.54	1.34	44.65
1.409	13.11	51.0	1.14	8.52	9.87	1.29	44.65
1.431	13.11	51.0	1.14	8.52	9.84	1.33	44.65
1.457	13.11	51.0	1.03	8.52	9.85	1.29	44.65
1.481	13.11	51.0	1.18	8.51	9.15	1.32	44.65

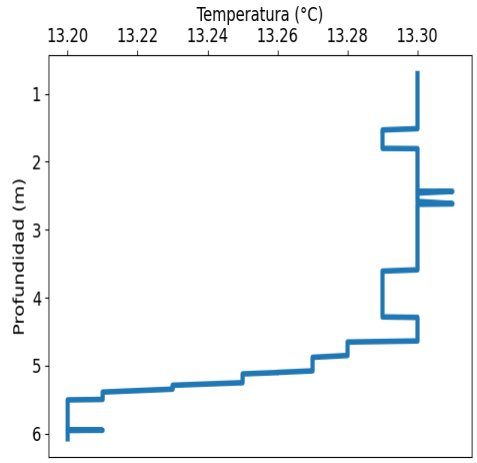
1.498	13.11	51.0	1.22	8.52	8.94	1.33	44.65
1.514	13.11	51.0	1.14	8.52	9.83	1.34	44.65
1.532	13.11	51.0	1.3	8.54	9.65	1.33	44.65
1.556	13.11	51.0	1.26	8.54	9.15	1.33	44.65
1.58	13.11	51.0	1.3	8.54	8.88	1.34	44.65
1.597	13.11	51.0	1.26	8.54	8.96	1.34	44.65
1.61	13.11	51.0	1.37	8.54	9.3	1.31	44.65
1.627	13.11	51.0	1.11	8.54	9.05	1.36	44.65
1.653	13.11	51.0	1.22	8.54	8.74	1.39	44.65
1.681	13.11	51.0	1.18	8.54	8.68	1.36	44.65
1.7	13.11	51.01	1.18	8.54	8.71	1.34	44.65
1.716	13.11	51.01	1.14	8.54	8.69	1.36	44.65
1.733	13.11	51.01	1.26	8.53	8.83	1.36	44.65
1.756	13.11	51.01	1.22	8.53	8.65	1.37	44.65
1.783	13.11	51.01	1.26	8.53	8.47	1.41	44.65
1.801	13.11	51.01	1.22	8.52	8.63	1.35	44.65
1.816	13.11	51.01	1.14	8.52	8.46	1.37	44.65
1.838	13.11	51.01	1.03	8.52	8.2	1.37	44.65
1.866	13.11	51.0	1.18	8.53	8.26	1.34	44.65
1.889	13.11	51.01	1.14	8.53	8.33	1.32	44.65
1.906	13.11	51.01	1.22	8.52	8.24	1.33	44.65
1.926	13.11	51.01	1.18	8.52	8.1	1.39	44.65
1.95	13.11	51.0	1.3	8.53	7.97	1.35	44.65
1.977	13.11	51.0	1.26	8.53	8.07	1.32	44.65
1.999	13.11	51.0	1.22	8.54	8.17	1.35	44.65
2.014	13.11	51.0	1.18	8.53	7.83	1.31	44.65
2.029	13.11	51.0	1.11	8.53	7.71	1.32	44.65
2.054	13.11	51.0	1.3	8.54	7.8	1.33	44.65
2.084	13.1	51.0	1.26	8.54	7.97	1.34	44.65
2.107	13.1	51.0	1.3	8.54	7.93	1.32	44.66
2.121	13.1	51.0	1.18	8.54	7.58	1.37	44.66
2.138	13.11	51.0	1.14	8.53	7.4	1.32	44.66
2.163	13.11	51.01	1.11	8.54	7.45	1.31	44.65
2.19	13.11	51.01	1.3	8.54	7.64	1.32	44.65
2.21	13.11	51.01	1.45	8.54	7.58	1.37	44.65
2.225	13.11	51.01	1.22	8.54	7.25	1.3	44.65
2.247	13.11	51.01	1.07	8.54	7.28	1.29	44.65
2.272	13.11	51.01	1.11	8.54	7.45	1.33	44.65
2.295	13.11	51.01	1.14	8.55	7.42	1.34	44.65
2.313	13.11	51.01	1.33	8.55	7.35	1.35	44.65
2.322	13.11	51.01	1.11	8.55	7.25	1.3	44.65
2.34	13.11	51.01	1.26	8.55	7.21	1.3	44.65
2.368	13.11	51.01	1.22	8.55	7.14	1.32	44.65
2.392	13.11	51.01	1.18	8.55	7.15	1.35	44.65
2.417	13.11	51.01	1.3	8.55	7.1	1.33	44.65
2.448	13.11	51.01	1.18	8.55	6.97	1.34	44.65
2.482	13.11	51.01	1.18	8.54	6.91	1.32	44.65
2.51	13.11	51.01	1.14	8.53	6.99	1.37	44.65
2.526	13.11	51.01	1.18	8.53	7.04	1.33	44.65
2.531	13.11	51.01	1.18	8.53	6.89	1.37	44.65
2.545	13.11	51.01	1.14	8.53	6.8	1.38	44.65
2.576	13.11	51.01	1.22	8.54	6.8	1.35	44.65
2.608	13.11	51.01	1.14	8.54	6.91	1.33	44.65
2.616	13.11	51.01	1.11	8.55	6.62	1.38	44.65
2.632	13.11	51.01	1.18	8.55	6.59	1.32	44.65
2.667	13.11	51.01	1.22	8.55	6.63	1.31	44.65
2.7	13.11	51.01	1.11	8.55	6.6	1.36	44.65
2.719	13.11	51.01	1.14	8.54	6.56	1.27	44.65

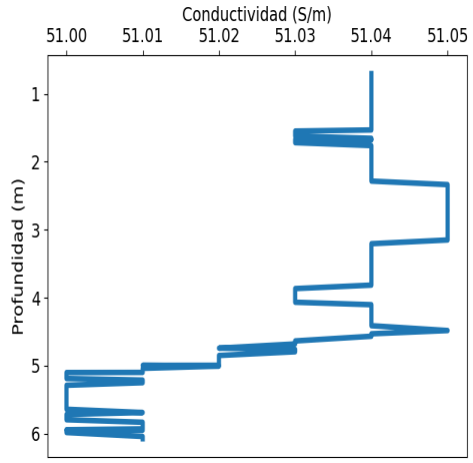
2.734	13.11	51.01	1.14	8.53	6.46	1.32	44.65
2.757	13.11	51.01	1.18	8.52	6.41	1.33	44.65
2.787	13.11	51.01	1.18	8.52	6.46	1.3	44.65
2.814	13.11	51.01	1.33	8.52	6.41	1.33	44.65
2.838	13.11	51.01	1.41	8.53	6.36	1.37	44.65
2.86	13.11	51.01	1.11	8.54	6.35	1.31	44.65
2.878	13.11	51.01	1.22	8.54	6.33	1.32	44.65
2.899	13.11	51.01	1.18	8.55	6.31	1.34	44.65
2.922	13.11	51.01	1.3	8.55	6.31	1.35	44.65
2.954	13.11	51.01	1.26	8.55	6.29	1.41	44.65
2.979	13.11	51.01	1.22	8.55	6.21	1.33	44.65
2.993	13.11	51.01	1.18	8.54	6.19	1.31	44.65
3.004	13.11	51.01	1.14	8.53	6.21	1.36	44.65
3.025	13.11	51.01	1.22	8.53	6.17	1.37	44.65
3.055	13.11	51.01	1.22	8.53	6.15	1.32	44.65
3.083	13.11	51.01	1.18	8.53	6.14	1.36	44.66
3.097	13.11	51.01	1.18	8.54	6.14	1.36	44.65
3.108	13.11	51.01	1.18	8.54	6.11	1.31	44.65
3.133	13.12	51.01	1.11	8.54	6.1	1.3	44.65
3.165	13.12	51.01	1.26	8.54	6.11	1.38	44.65
3.192	13.12	51.01	1.3	8.54	6.08	1.37	44.65
3.21	13.12	51.01	0.99	8.55	6.06	1.36	44.65
3.221	13.12	51.01	1.11	8.54	6.02	1.34	44.65
3.239	13.12	51.01	1.22	8.54	6.01	1.34	44.65
3.261	13.12	51.01	1.26	8.54	6.02	1.38	44.65
3.281	13.12	51.01	1.18	8.54	6.0	1.35	44.65
3.3	13.12	51.01	1.11	8.55	5.94	1.28	44.65
3.327	13.12	51.01	1.14	8.55	5.9	1.41	44.65
3.36	13.11	51.01	1.3	8.55	5.9	1.34	44.65
3.392	13.11	51.01	1.11	8.55	5.86	1.39	44.65
3.425	13.11	51.01	1.14	8.56	5.82	1.37	44.65
3.451	13.11	51.01	1.26	8.56	5.84	1.3	44.65
3.471	13.11	51.01	1.3	8.57	5.84	1.31	44.65
3.485	13.12	51.01	1.07	8.57	5.82	1.34	44.65
3.498	13.12	51.01	1.18	8.56	5.8	1.34	44.65
3.502	13.12	51.01	1.11	8.54	5.78	1.36	44.65
3.516	13.12	51.01	1.26	8.53	5.74	1.33	44.65
3.551	13.12	51.01	1.11	8.52	5.72	1.33	44.65
3.585	13.12	51.01	1.26	8.52	5.7	1.38	44.65
3.602	13.12	51.01	1.26	8.52	5.69	1.34	44.65
3.613	13.12	51.01	1.14	8.52	5.74	1.34	44.65
3.632	13.12	51.01	1.26	8.53	5.75	1.33	44.65
3.659	13.12	51.01	1.33	8.53	5.71	1.32	44.65
3.681	13.12	51.01	1.26	8.54	5.65	1.35	44.65
3.697	13.12	51.01	1.11	8.55	5.66	1.3	44.65
3.717	13.11	51.01	1.14	8.56	5.67	1.36	44.65
3.75	13.11	51.01	1.11	8.56	5.66	1.4	44.65
3.788	13.11	51.01	1.26	8.57	5.64	1.39	44.65
3.82	13.11	51.01	1.11	8.56	5.6	1.35	44.65
3.84	13.11	51.01	1.22	8.56	5.58	1.35	44.65
3.849	13.11	51.01	1.26	8.55	5.62	1.34	44.65
3.857	13.11	51.01	1.11	8.54	5.6	1.34	44.65
3.868	13.11	51.01	1.07	8.54	5.56	1.35	44.65
3.892	13.11	51.01	1.22	8.53	5.52	1.32	44.65
3.927	13.11	51.01	1.14	8.52	5.52	1.37	44.65
3.96	13.11	51.01	1.22	8.52	5.53	1.35	44.65
3.979	13.11	51.01	1.3	8.53	5.52	1.29	44.65
3.982	13.11	51.01	1.11	8.53	5.47	1.33	44.65

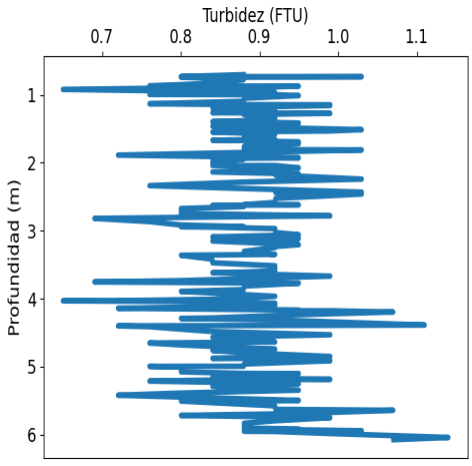
3.989	13.11	51.01	1.26	8.54	5.46	1.3	44.65
4.014	13.11	51.01	1.26	8.54	5.47	1.36	44.65
4.051	13.11	51.01	1.14	8.55	5.46	1.45	44.65
4.073	13.11	51.01	1.26	8.55	5.45	1.39	44.65
4.083	13.11	51.01	1.18	8.55	5.43	1.37	44.65
4.09	13.11	51.01	1.41	8.55	5.43	1.37	44.65
4.117	13.11	51.01	1.33	8.54	5.44	1.5	44.65
4.15	13.11	51.01	1.33	8.53	5.43	1.37	44.65
4.174	13.11	51.01	1.22	8.52	5.4	1.43	44.65
4.183	13.11	51.01	1.22	8.52	5.39	1.38	44.65
4.19	13.11	51.01	1.22	8.52	5.4	1.37	44.65
4.216	13.11	51.01	1.22	8.52	5.38	1.37	44.65
4.252	13.11	51.01	1.14	8.53	5.37	1.35	44.65
4.272	13.11	51.01	1.22	8.54	5.35	1.38	44.65
4.28	13.11	51.01	1.3	8.54	5.34	1.37	44.65
4.29	13.11	51.01	1.14	8.55	5.35	1.34	44.65
4.316	13.11	51.01	1.14	8.55	5.34	1.33	44.65
4.349	13.11	51.01	1.14	8.54	5.33	1.37	44.65
4.369	13.11	51.01	1.22	8.54	5.31	1.34	44.65
4.377	13.11	51.01	1.33	8.54	5.31	1.33	44.65
4.385	13.11	51.01	1.22	8.54	5.31	1.31	44.65
4.406	13.11	51.01	1.3	8.54	5.3	1.3	44.65
4.439	13.11	51.01	1.22	8.54	5.28	1.37	44.65
4.469	13.11	51.01	1.33	8.54	5.27	1.31	44.65
4.488	13.11	51.01	1.22	8.54	5.26	1.32	44.65
4.491	13.11	51.01	1.37	8.55	5.29	1.35	44.65
4.501	13.11	51.01	1.26	8.55	5.28	1.31	44.65
4.532	13.11	51.01	1.18	8.55	5.24	1.37	44.65
4.565	13.11	51.01	1.3	8.55	5.21	1.37	44.65
4.585	13.11	51.01	1.26	8.54	5.21	1.37	44.65
4.587	13.11	51.01	1.03	8.55	5.24	1.42	44.65
4.595	13.11	51.01	1.22	8.54	5.22	1.4	44.65
4.624	13.11	51.01	1.11	8.53	5.19	1.4	44.65
4.663	13.11	51.01	1.03	8.53	5.17	1.38	44.65
4.685	13.11	51.01	1.49	8.52	5.18	1.33	44.65
4.689	13.11	51.01	1.22	8.53	5.18	1.34	44.65
4.694	13.11	51.01	1.33	8.52	5.16	1.3	44.65
4.72	13.11	51.01	1.3	8.53	5.14	1.32	44.65
4.746	13.11	51.01	1.41	8.52	5.1	1.5	44.65
4.757	13.11	51.01	1.33	8.53	5.12	1.5	44.65
4.759	13.11	51.0	1.37	8.53	5.11	1.5	44.65
4.763	13.11	51.01	1.03	8.54	5.14	1.41	44.65
4.77	13.11	51.01	1.22	8.54	5.18	1.41	44.65
4.775	13.11	51.0	1.26	8.53	5.2	1.53	44.65
4.776	13.11	51.0	1.37	8.53	5.24	1.39	44.65
4.777	13.11	51.0	1.22	8.53	5.24	1.53	44.65

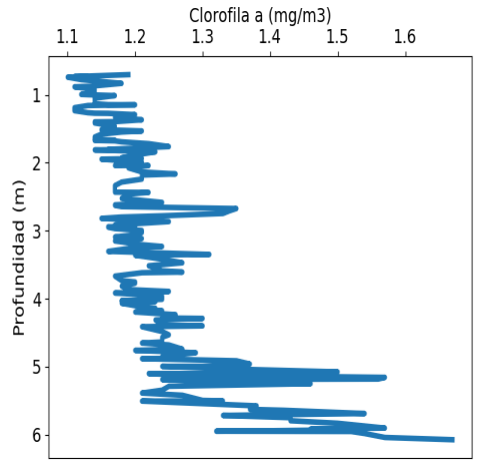
Nombre: CTD N02 - Punto 002 **Fecha: 17/12/2024** **Hora: 08:12:53**

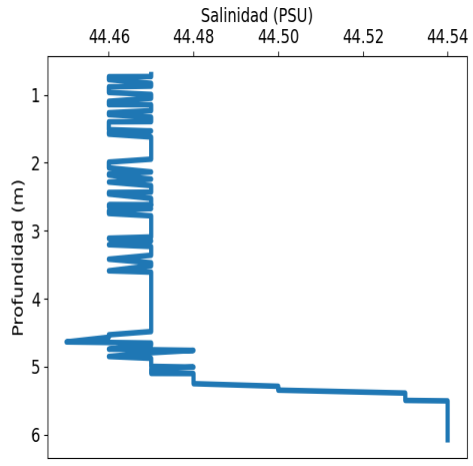


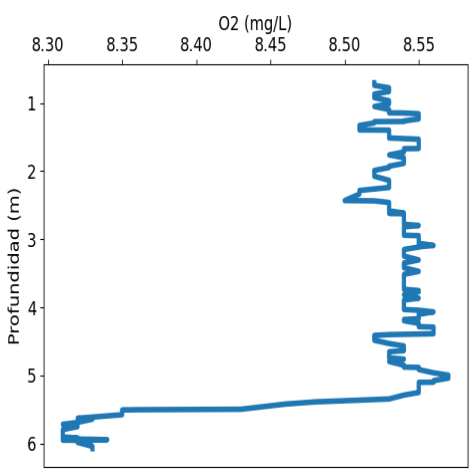


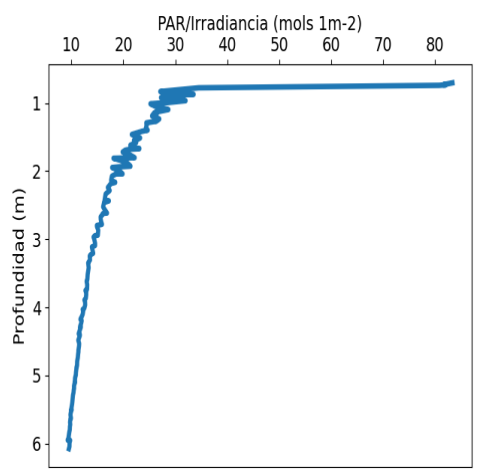












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.2	51.0	0.65	8.31	9.28	1.1	44.45
PROF (metros)	5.503	5.101	0.922	5.717	5.949	0.742	4.636
MÁXIMO	13.31	13.31	1.14	8.57	83.35	1.67	44.54
PROF (metros)	2.437	2.337	6.041	4.994	0.705	6.074	5.503

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.3	51.04	0.85	8.52	47.39	1.14	44.46
1 - 2m	13.3	51.04	0.9	8.53	23.2	1.17	44.47
2 - 3m	13.3	51.05	0.88	8.53	16.28	1.21	44.47
3 - 4m	13.3	51.04	0.88	8.54	13.36	1.21	44.47
4 - 5m	13.29	51.03	0.88	8.54	11.58	1.24	44.47
5 - 6m	13.22	51.0	0.9	8.43	10.07	1.38	44.52
6 - 7m	13.2	51.01	1.1	8.33	9.57	1.62	44.54

OBSERVACIONES GENERALES

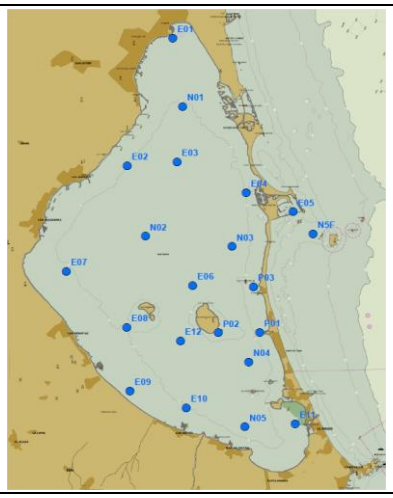
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	13.3	51.04	0.88	8.52	83.35	1.19	44.47
0.733	13.3	51.04	0.8	8.52	81.56	1.11	44.47
0.735	13.3	51.04	1.03	8.52	82.05	1.13	44.46
0.742	13.3	51.04	0.8	8.52	80.75	1.1	44.46
0.778	13.3	51.04	0.88	8.53	34.5	1.12	44.46
0.833	13.3	51.04	0.84	8.53	27.09	1.18	44.47
0.87	13.3	51.04	0.76	8.52	29.61	1.14	44.47
0.874	13.3	51.04	0.95	8.52	33.54	1.14	44.47
0.884	13.3	51.04	0.92	8.52	28.69	1.11	44.46
0.922	13.3	51.04	0.65	8.52	27.22	1.14	44.46
0.967	13.3	51.04	0.92	8.53	31.99	1.14	44.46
0.996	13.3	51.04	0.76	8.53	28.38	1.12	44.47
1.0	13.3	51.04	0.92	8.53	27.4	1.13	44.47
1.013	13.3	51.04	0.95	8.53	25.2	1.17	44.47
1.052	13.3	51.04	0.88	8.52	26.23	1.14	44.47
1.097	13.3	51.04	0.88	8.53	28.68	1.14	44.46
1.133	13.3	51.04	0.76	8.53	26.35	1.14	44.46
1.146	13.3	51.04	0.88	8.53	25.96	1.16	44.46
1.148	13.3	51.04	0.99	8.54	26.5	1.2	44.47
1.159	13.3	51.04	0.99	8.55	25.81	1.13	44.47
1.191	13.3	51.04	0.84	8.55	25.51	1.11	44.47
1.235	13.3	51.04	0.92	8.55	26.93	1.11	44.47
1.265	13.3	51.04	0.84	8.54	26.42	1.13	44.46
1.272	13.3	51.04	0.95	8.54	26.27	1.14	44.46
1.274	13.3	51.04	0.99	8.52	25.83	1.16	44.46
1.293	13.3	51.04	0.88	8.52	24.41	1.2	44.46
1.33	13.3	51.04	0.92	8.51	24.48	1.17	44.47
1.369	13.3	51.04	0.92	8.51	24.34	1.21	44.47
1.396	13.3	51.04	0.84	8.51	24.44	1.17	44.47
1.399	13.3	51.04	0.88	8.53	24.69	1.14	44.46
1.416	13.3	51.04	0.95	8.53	23.62	1.14	44.46
1.463	13.3	51.04	0.84	8.53	21.62	1.17	44.46
1.514	13.3	51.04	1.03	8.53	23.24	1.15	44.46
1.533	13.29	51.04	0.99	8.55	22.77	1.21	44.47
1.549	13.29	51.03	0.84	8.55	22.02	1.18	44.46

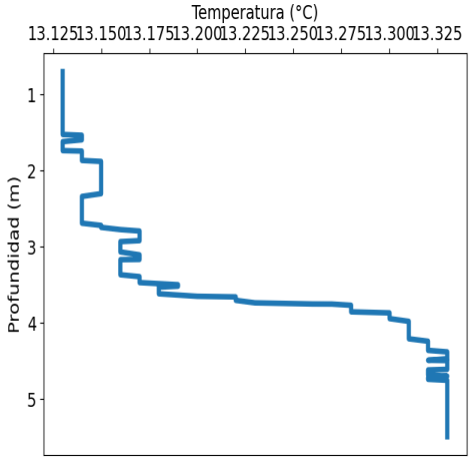
1.58	13.29	51.03	0.92	8.55	22.48	1.15	44.46
1.622	13.29	51.03	0.88	8.55	21.32	1.14	44.47
1.656	13.29	51.04	0.92	8.55	21.87	1.14	44.47
1.669	13.29	51.04	0.84	8.55	23.1	1.17	44.47
1.672	13.29	51.03	0.88	8.54	23.08	1.14	44.47
1.679	13.29	51.04	0.88	8.54	21.42	1.17	44.47
1.693	13.29	51.03	0.95	8.54	20.38	1.18	44.47
1.72	13.29	51.03	0.95	8.54	19.86	1.22	44.47
1.763	13.29	51.04	0.88	8.53	21.29	1.25	44.47
1.804	13.29	51.04	0.88	8.54	22.19	1.16	44.47
1.808	13.3	51.04	0.92	8.54	19.82	1.17	44.47
1.812	13.3	51.04	1.03	8.54	18.09	1.14	44.47
1.84	13.3	51.04	0.92	8.54	19.36	1.23	44.47
1.888	13.3	51.04	0.72	8.54	20.84	1.2	44.47
1.928	13.3	51.04	0.95	8.53	21.38	1.18	44.47
1.938	13.3	51.04	0.84	8.53	19.17	1.21	44.47
1.948	13.3	51.04	0.88	8.53	17.83	1.15	44.47
1.991	13.3	51.04	0.84	8.52	19.14	1.21	44.46
2.041	13.3	51.04	0.84	8.52	19.86	1.17	44.46
2.042	13.3	51.04	0.92	8.52	18.58	1.22	44.46
2.076	13.3	51.04	0.95	8.52	17.78	1.19	44.46
2.136	13.3	51.04	0.84	8.53	17.64	1.21	44.47
2.165	13.3	51.04	0.95	8.53	18.45	1.26	44.46
2.182	13.3	51.04	0.92	8.53	17.62	1.21	44.46
2.241	13.3	51.04	1.03	8.53	17.01	1.21	44.47
2.285	13.3	51.04	0.88	8.51	17.38	1.18	44.46
2.337	13.3	51.05	0.76	8.51	16.58	1.17	44.47
2.433	13.3	51.05	1.03	8.5	16.38	1.17	44.47
2.437	13.31	51.05	0.92	8.52	17.22	1.22	44.46
2.461	13.3	51.05	1.03	8.53	16.29	1.19	44.46
2.525	13.3	51.05	0.92	8.53	16.1	1.18	44.47
2.584	13.3	51.05	0.92	8.53	16.56	1.24	44.47
2.616	13.31	51.05	0.88	8.54	16.86	1.18	44.47
2.62	13.31	51.05	0.95	8.53	16.25	1.17	44.46
2.627	13.3	51.05	0.84	8.54	16.02	1.17	44.47
2.646	13.3	51.05	0.88	8.54	15.9	1.18	44.46
2.674	13.3	51.05	0.8	8.54	15.62	1.35	44.47
2.707	13.3	51.05	0.8	8.54	15.64	1.34	44.46
2.747	13.3	51.05	0.8	8.54	15.74	1.33	44.46
2.781	13.3	51.05	0.99	8.54	15.88	1.24	44.47
2.799	13.3	51.05	0.84	8.55	14.89	1.18	44.47
2.819	13.3	51.05	0.69	8.54	14.93	1.15	44.47
2.866	13.3	51.05	0.76	8.54	15.17	1.25	44.47
2.916	13.3	51.05	0.8	8.54	15.12	1.17	44.47
2.94	13.3	51.05	0.88	8.54	15.1	1.2	44.47
2.942	13.3	51.05	0.8	8.54	14.99	1.16	44.47
2.948	13.3	51.05	0.84	8.55	14.52	1.16	44.47
2.969	13.3	51.05	0.92	8.55	14.26	1.17	44.47
2.997	13.3	51.05	0.92	8.55	14.38	1.21	44.47
3.027	13.3	51.05	0.92	8.55	14.47	1.21	44.47
3.06	13.3	51.05	0.95	8.55	14.56	1.2	44.47
3.092	13.3	51.05	0.84	8.56	14.56	1.17	44.47
3.11	13.3	51.05	0.88	8.55	14.03	1.19	44.46
3.115	13.3	51.05	0.95	8.55	13.94	1.21	44.46
3.151	13.3	51.05	0.84	8.54	14.04	1.17	44.47
3.206	13.3	51.04	0.95	8.54	14.19	1.21	44.46
3.232	13.3	51.04	0.92	8.54	13.64	1.24	44.47
3.248	13.3	51.04	0.92	8.54	13.53	1.2	44.47

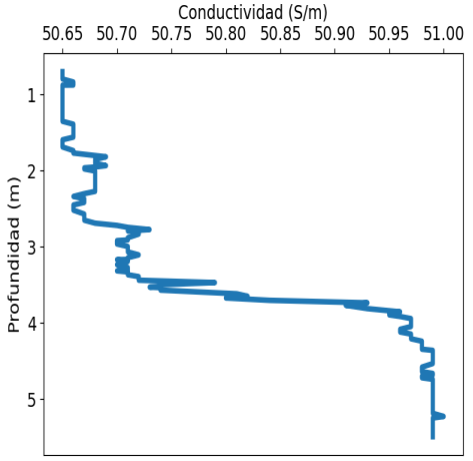
3.304	13.3	51.04	0.88	8.55	13.58	1.16	44.47
3.349	13.3	51.04	0.92	8.54	13.22	1.31	44.47
3.361	13.3	51.04	0.8	8.54	13.24	1.2	44.47
3.419	13.3	51.04	0.84	8.54	13.32	1.24	44.46
3.472	13.3	51.04	0.84	8.55	13.21	1.27	44.47
3.516	13.3	51.04	0.92	8.54	13.13	1.22	44.47
3.59	13.3	51.04	0.92	8.54	13.07	1.24	44.46
3.609	13.29	51.04	0.88	8.54	12.96	1.27	44.47
3.618	13.29	51.04	0.84	8.54	12.93	1.21	44.47
3.668	13.29	51.04	0.99	8.54	13.04	1.17	44.47
3.735	13.29	51.04	0.8	8.54	13.01	1.18	44.47
3.754	13.29	51.04	0.69	8.55	12.69	1.2	44.47
3.772	13.29	51.04	0.95	8.55	12.85	1.2	44.47
3.815	13.29	51.04	0.88	8.54	12.85	1.18	44.47
3.866	13.29	51.03	0.88	8.55	12.78	1.19	44.47
3.893	13.29	51.03	0.8	8.54	12.5	1.25	44.47
3.916	13.29	51.03	0.84	8.54	12.63	1.17	44.47
3.965	13.29	51.03	0.92	8.54	12.65	1.24	44.47
4.009	13.29	51.03	0.84	8.54	12.5	1.24	44.47
4.03	13.29	51.03	0.72	8.54	12.32	1.18	44.47
4.031	13.29	51.03	0.88	8.54	12.19	1.2	44.47
4.032	13.29	51.03	0.65	8.54	12.16	1.18	44.47
4.043	13.29	51.03	0.84	8.55	12.23	1.23	44.47
4.067	13.29	51.03	0.92	8.56	12.25	1.18	44.47
4.103	13.29	51.04	0.92	8.55	12.17	1.2	44.47
4.141	13.29	51.04	0.72	8.55	11.96	1.23	44.47
4.167	13.29	51.04	0.95	8.55	11.78	1.21	44.47
4.177	13.29	51.04	0.95	8.54	11.74	1.24	44.47
4.178	13.29	51.04	0.99	8.54	11.87	1.22	44.47
4.196	13.29	51.04	1.07	8.54	11.98	1.2	44.47
4.235	13.29	51.04	0.95	8.55	11.87	1.26	44.47
4.283	13.29	51.04	0.84	8.55	11.67	1.24	44.47
4.29	13.3	51.04	0.8	8.56	11.82	1.3	44.47
4.313	13.3	51.04	0.92	8.56	11.71	1.23	44.47
4.388	13.3	51.04	1.11	8.56	11.39	1.24	44.47
4.4	13.3	51.04	0.72	8.53	11.63	1.3	44.47
4.412	13.3	51.04	0.76	8.52	11.64	1.21	44.47
4.483	13.3	51.05	0.84	8.52	11.32	1.24	44.47
4.531	13.3	51.04	0.99	8.53	11.5	1.25	44.46
4.567	13.3	51.04	0.84	8.54	11.47	1.24	44.46
4.636	13.3	51.03	0.92	8.54	11.34	1.24	44.45
4.652	13.28	51.03	0.76	8.53	11.36	1.21	44.47
4.68	13.28	51.03	0.8	8.53	11.3	1.25	44.47
4.742	13.28	51.02	0.92	8.53	11.23	1.27	44.46
4.76	13.28	51.03	0.84	8.54	11.18	1.2	44.48
4.795	13.28	51.03	0.88	8.53	11.11	1.29	44.47
4.85	13.28	51.02	0.99	8.54	11.09	1.24	44.46
4.877	13.27	51.02	0.84	8.54	11.02	1.26	44.47
4.882	13.27	51.02	0.95	8.55	10.97	1.21	44.47
4.913	13.27	51.02	0.99	8.55	10.94	1.35	44.47
4.961	13.27	51.02	0.88	8.56	10.87	1.37	44.47
4.994	13.27	51.02	0.88	8.57	10.87	1.3	44.47
4.995	13.27	51.01	0.76	8.57	10.86	1.24	44.47
5.006	13.27	51.02	0.8	8.57	10.8	1.27	44.48
5.039	13.27	51.01	0.8	8.57	10.7	1.36	44.47
5.076	13.27	51.01	0.8	8.56	10.68	1.5	44.47
5.099	13.26	51.01	0.88	8.56	10.71	1.4	44.47
5.101	13.26	51.0	0.95	8.55	10.66	1.22	44.48

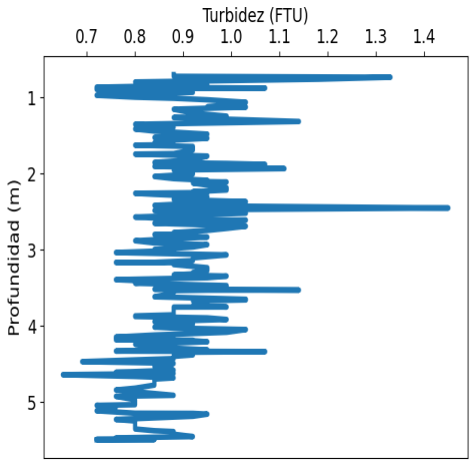
5.121	13.25	51.0	0.92	8.55	10.59	1.26	44.48
5.157	13.25	51.0	0.84	8.55	10.5	1.57	44.48
5.182	13.25	51.0	0.95	8.55	10.51	1.56	44.48
5.186	13.25	51.0	0.99	8.55	10.5	1.34	44.48
5.189	13.25	51.0	0.88	8.55	10.52	1.24	44.48
5.212	13.25	51.01	0.76	8.55	10.45	1.3	44.48
5.25	13.25	51.01	0.95	8.55	10.41	1.46	44.48
5.288	13.23	51.0	0.84	8.54	10.3	1.25	44.5
5.345	13.23	51.0	0.95	8.53	10.24	1.24	44.5
5.388	13.21	51.0	0.8	8.48	10.18	1.21	44.53
5.42	13.21	51.0	0.72	8.46	10.13	1.27	44.53
5.496	13.21	51.0	0.95	8.43	9.97	1.3	44.53
5.503	13.2	51.0	0.92	8.36	10.06	1.33	44.54
5.506	13.2	51.0	0.8	8.35	9.98	1.21	44.54
5.576	13.2	51.0	0.92	8.35	9.81	1.38	44.54
5.628	13.2	51.0	0.92	8.32	9.92	1.37	44.54
5.641	13.2	51.0	1.07	8.33	9.8	1.42	44.54
5.689	13.2	51.01	0.95	8.32	9.73	1.54	44.54
5.717	13.2	51.0	0.8	8.31	9.78	1.33	44.54
5.75	13.2	51.0	0.99	8.32	9.71	1.43	44.54
5.795	13.2	51.0	0.92	8.31	9.69	1.43	44.54
5.832	13.2	51.01	0.88	8.31	9.59	1.5	44.54
5.903	13.2	51.01	0.88	8.31	9.46	1.57	44.54
5.916	13.2	51.01	0.95	8.32	9.48	1.46	44.54
5.929	13.2	51.01	0.95	8.31	9.43	1.5	44.54
5.942	13.2	51.0	1.03	8.34	9.3	1.4	44.54
5.949	13.21	51.01	0.88	8.31	9.28	1.32	44.54
5.953	13.2	51.0	0.92	8.33	9.77	1.52	44.54
5.983	13.2	51.0	0.99	8.32	9.64	1.54	44.54
6.041	13.2	51.01	1.14	8.33	9.63	1.57	44.54
6.074	13.2	51.01	1.07	8.33	9.52	1.67	44.54

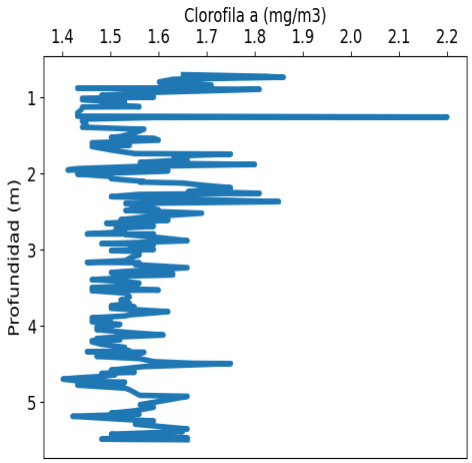
Nombre: CTD E02 - Punto 003 **Fecha: 17/12/2024** **Hora: 08:12:22**

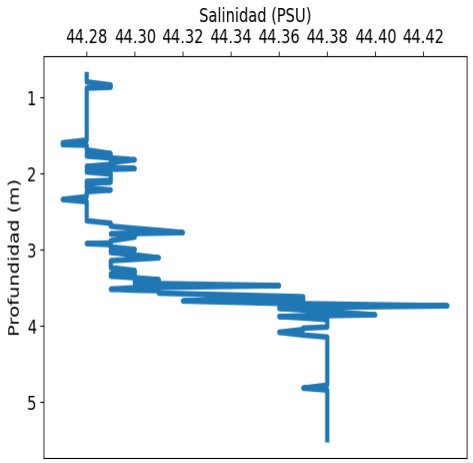


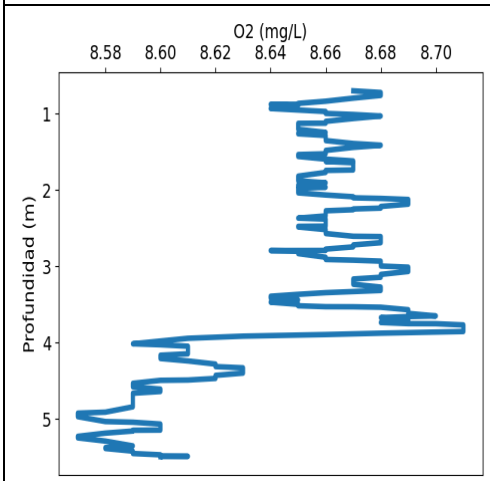


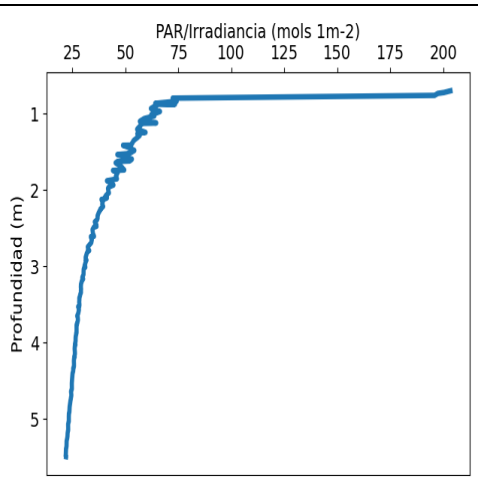


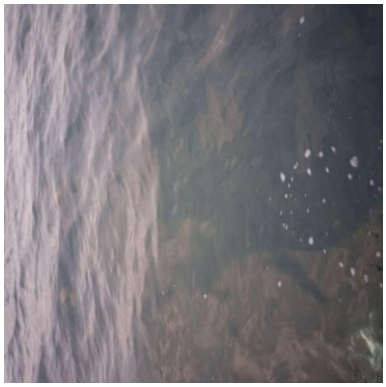












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.13	50.65	0.65	8.57	21.8	1.4	44.27
PROF (metros)	0.702	0.702	4.642	4.926	5.481	4.7	1.597
MÁXIMO	13.33	13.33	1.45	8.71	203.45	2.2	44.43
PROF (metros)	4.382	5.23	2.453	3.77	0.702	1.258	3.738

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.13	50.65	0.91	8.66	107.97	1.65	44.28
1 - 2m	13.13	50.66	0.92	8.66	51.35	1.54	44.28
2 - 3m	13.15	50.68	0.93	8.67	35.81	1.59	44.29
3 - 4m	13.21	50.79	0.9	8.67	28.3	1.53	44.33
4 - 5m	13.32	50.98	0.85	8.6	25.02	1.52	44.38
5 - 6m	13.33	50.99	0.81	8.59	22.41	1.56	44.38

OBSERVACIONES GENERALES

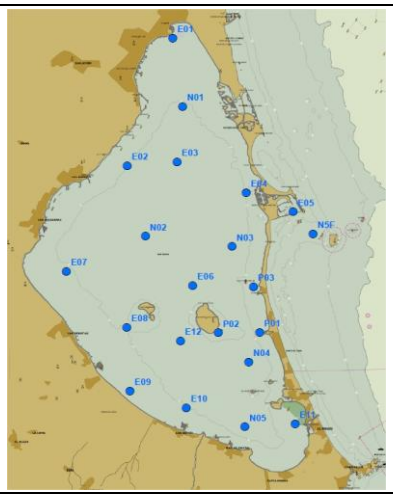
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	13.13	50.65	0.88	8.67	203.45	1.65	44.28
0.724	13.13	50.65	0.88	8.68	200.41	1.82	44.28
0.736	13.13	50.65	1.33	8.68	197.5	1.86	44.28
0.762	13.13	50.65	1.18	8.68	195.95	1.63	44.28
0.798	13.13	50.65	0.8	8.67	72.28	1.6	44.28
0.838	13.13	50.66	0.95	8.66	74.25	1.71	44.29
0.867	13.13	50.66	0.72	8.65	64.04	1.66	44.29
0.878	13.13	50.66	1.07	8.65	73.43	1.57	44.28
0.879	13.13	50.65	0.88	8.64	65.47	1.43	44.28
0.895	13.13	50.65	0.72	8.65	64.4	1.81	44.28
0.934	13.13	50.65	0.92	8.64	62.01	1.59	44.28
0.973	13.13	50.65	0.72	8.66	66.36	1.48	44.28
0.998	13.13	50.65	0.8	8.66	64.07	1.59	44.28
1.012	13.13	50.65	0.88	8.67	62.21	1.44	44.28
1.032	13.13	50.65	0.95	8.68	63.66	1.44	44.28
1.065	13.13	50.65	1.03	8.67	58.92	1.53	44.28
1.102	13.13	50.65	0.99	8.66	56.78	1.48	44.28
1.123	13.13	50.65	0.95	8.66	64.59	1.56	44.28
1.126	13.13	50.65	0.95	8.66	62.1	1.45	44.28
1.128	13.13	50.65	1.03	8.65	57.75	1.44	44.28
1.156	13.13	50.65	0.88	8.65	57.15	1.44	44.28
1.206	13.13	50.65	0.92	8.65	55.5	1.43	44.28
1.247	13.13	50.65	0.99	8.66	59.53	1.43	44.28
1.258	13.13	50.65	0.99	8.65	55.75	2.2	44.28
1.265	13.13	50.65	0.88	8.65	55.59	1.59	44.28
1.287	13.13	50.65	0.99	8.66	56.76	1.44	44.28
1.317	13.13	50.65	1.14	8.66	55.55	1.44	44.28
1.354	13.13	50.65	0.8	8.66	53.86	1.45	44.28
1.392	13.13	50.66	0.88	8.67	53.16	1.44	44.28
1.414	13.13	50.66	0.8	8.68	52.62	1.54	44.28
1.416	13.13	50.66	0.8	8.68	48.84	1.57	44.28
1.443	13.13	50.66	0.84	8.67	51.5	1.56	44.28
1.483	13.13	50.66	0.95	8.66	54.25	1.54	44.28
1.514	13.13	50.66	0.88	8.66	52.44	1.52	44.28
1.527	13.13	50.66	0.84	8.66	50.45	1.5	44.28
1.537	13.14	50.66	0.95	8.65	46.17	1.59	44.28

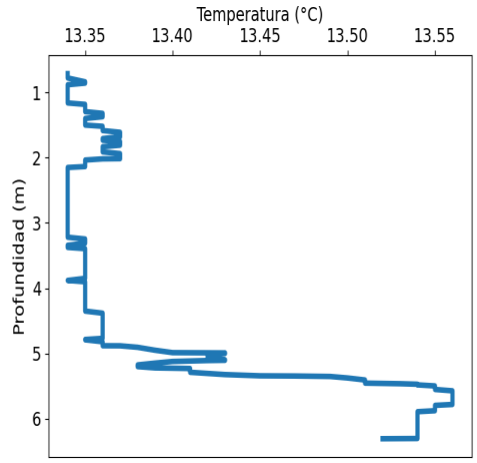
1.562	13.14	50.66	0.88	8.65	49.17	1.6	44.28
1.597	13.14	50.65	0.84	8.66	53.1	1.46	44.27
1.621	13.13	50.65	0.88	8.67	52.03	1.47	44.27
1.627	13.13	50.65	0.8	8.67	46.36	1.49	44.28
1.628	13.13	50.65	0.8	8.66	46.56	1.54	44.28
1.645	13.13	50.65	0.92	8.67	45.34	1.46	44.28
1.691	13.13	50.65	0.92	8.67	47.9	1.5	44.28
1.739	13.13	50.66	0.88	8.67	49.46	1.55	44.29
1.745	13.14	50.66	0.8	8.66	44.09	1.75	44.28
1.771	13.14	50.66	0.95	8.66	46.4	1.63	44.28
1.82	13.14	50.69	0.92	8.65	45.48	1.66	44.3
1.855	13.14	50.68	0.84	8.65	46.03	1.56	44.29
1.868	13.14	50.68	0.99	8.65	43.77	1.63	44.29
1.881	13.15	50.68	1.07	8.65	41.25	1.8	44.29
1.907	13.15	50.68	0.84	8.66	43.29	1.56	44.28
1.936	13.15	50.69	1.11	8.65	44.39	1.43	44.3
1.954	13.15	50.68	0.88	8.65	42.88	1.41	44.28
1.965	13.15	50.67	0.92	8.66	42.1	1.62	44.28
1.98	13.15	50.67	0.92	8.65	41.77	1.57	44.28
2.007	13.15	50.68	0.92	8.65	41.92	1.43	44.29
2.039	13.15	50.68	0.84	8.65	42.23	1.5	44.29
2.067	13.15	50.68	0.88	8.66	41.0	1.5	44.29
2.09	13.15	50.68	0.95	8.67	40.45	1.54	44.29
2.104	13.15	50.68	0.92	8.67	41.31	1.57	44.28
2.112	13.15	50.68	0.99	8.68	40.83	1.56	44.29
2.126	13.15	50.68	0.92	8.69	38.66	1.65	44.28
2.153	13.15	50.68	0.95	8.69	39.34	1.69	44.28
2.187	13.15	50.68	0.99	8.69	39.06	1.75	44.28
2.217	13.15	50.68	0.99	8.68	39.5	1.69	44.29
2.239	13.15	50.68	0.92	8.68	38.76	1.66	44.28
2.25	13.15	50.68	0.95	8.67	38.2	1.75	44.28
2.26	13.15	50.68	0.8	8.67	38.2	1.81	44.28
2.274	13.15	50.68	0.84	8.66	37.9	1.56	44.28
2.304	13.15	50.67	0.95	8.66	37.33	1.5	44.28
2.341	13.14	50.66	0.88	8.66	36.83	1.68	44.27
2.37	13.14	50.67	1.03	8.65	36.88	1.85	44.28
2.383	13.14	50.67	0.92	8.66	36.74	1.68	44.28
2.393	13.14	50.67	0.92	8.66	36.61	1.53	44.28
2.419	13.14	50.67	0.84	8.66	35.52	1.56	44.28
2.453	13.14	50.66	1.45	8.66	36.25	1.59	44.28
2.475	13.14	50.66	0.95	8.66	36.02	1.54	44.28
2.478	13.14	50.66	0.88	8.65	36.38	1.6	44.28
2.486	13.14	50.66	0.84	8.65	35.17	1.53	44.28
2.521	13.14	50.66	1.03	8.66	34.46	1.69	44.28
2.572	13.14	50.67	0.8	8.66	34.68	1.57	44.28
2.608	13.14	50.67	0.92	8.67	35.18	1.52	44.28
2.612	13.14	50.67	1.03	8.68	33.69	1.62	44.28
2.621	13.14	50.67	0.95	8.68	33.72	1.6	44.28
2.653	13.14	50.67	0.84	8.68	34.16	1.49	44.29
2.692	13.14	50.68	1.03	8.68	33.87	1.59	44.29
2.721	13.15	50.7	0.99	8.67	32.99	1.51	44.3
2.747	13.15	50.71	0.95	8.67	32.24	1.53	44.31
2.776	13.16	50.73	0.88	8.66	32.41	1.5	44.32
2.794	13.17	50.71	0.92	8.66	32.84	1.45	44.29
2.795	13.17	50.72	0.92	8.64	32.93	1.59	44.3
2.801	13.17	50.72	0.84	8.65	32.32	1.53	44.3
2.835	13.17	50.72	0.95	8.65	31.74	1.59	44.3
2.883	13.17	50.71	0.8	8.66	31.24	1.66	44.29

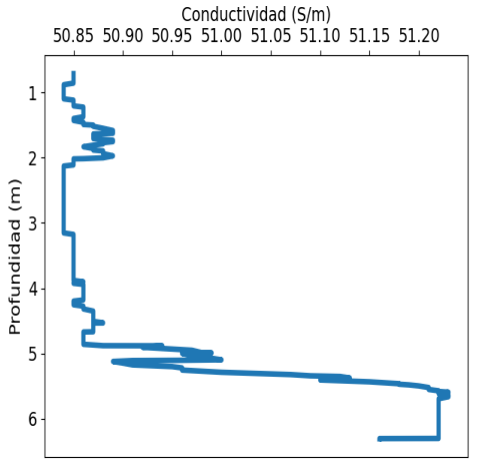
2.912	13.17	50.71	0.84	8.66	31.23	1.53	44.29
2.921	13.17	50.7	0.88	8.67	31.66	1.48	44.28
2.934	13.16	50.7	0.95	8.68	31.36	1.59	44.29
2.965	13.16	50.7	0.92	8.68	31.02	1.54	44.29
2.998	13.16	50.71	0.84	8.68	30.69	1.59	44.3
3.013	13.16	50.71	0.88	8.69	31.07	1.5	44.29
3.02	13.16	50.71	0.84	8.69	30.63	1.54	44.29
3.038	13.16	50.71	0.76	8.69	30.31	1.56	44.29
3.069	13.16	50.71	0.99	8.69	30.26	1.56	44.3
3.108	13.17	50.72	0.92	8.68	30.24	1.54	44.31
3.145	13.17	50.71	0.92	8.68	29.68	1.53	44.29
3.167	13.17	50.71	0.84	8.67	29.67	1.45	44.29
3.168	13.17	50.71	0.76	8.67	30.07	1.47	44.29
3.171	13.16	50.7	0.88	8.67	29.96	1.56	44.29
3.196	13.16	50.71	0.88	8.67	29.41	1.55	44.29
3.237	13.16	50.7	0.95	8.67	29.04	1.66	44.29
3.274	13.16	50.71	0.95	8.68	28.98	1.56	44.3
3.3	13.16	50.71	0.92	8.68	29.06	1.5	44.3
3.318	13.16	50.7	0.92	8.68	29.0	1.63	44.29
3.332	13.16	50.71	0.88	8.67	29.0	1.63	44.3
3.347	13.16	50.71	0.99	8.66	29.02	1.53	44.29
3.369	13.16	50.71	0.95	8.65	28.69	1.53	44.3
3.394	13.17	50.72	0.76	8.64	28.51	1.46	44.31
3.417	13.17	50.72	0.84	8.64	28.23	1.53	44.3
3.441	13.17	50.72	0.8	8.65	28.26	1.56	44.3
3.472	13.17	50.79	0.99	8.64	28.18	1.55	44.36
3.5	13.19	50.74	0.99	8.65	28.28	1.46	44.3
3.519	13.19	50.74	0.84	8.65	28.26	1.54	44.29
3.531	13.18	50.73	1.14	8.66	27.86	1.6	44.3
3.532	13.18	50.73	0.95	8.67	27.66	1.57	44.3
3.538	13.18	50.74	0.88	8.68	27.86	1.46	44.31
3.571	13.18	50.74	0.88	8.69	28.06	1.53	44.31
3.619	13.18	50.81	0.84	8.69	27.73	1.54	44.37
3.652	13.2	50.82	1.03	8.7	27.22	1.53	44.37
3.66	13.22	50.81	1.03	8.69	27.46	1.52	44.33
3.674	13.22	50.8	0.92	8.68	27.53	1.53	44.32
3.705	13.22	50.84	0.95	8.69	27.6	1.54	44.36
3.738	13.23	50.93	0.92	8.68	27.33	1.5	44.43
3.753	13.26	50.92	0.99	8.69	27.23	1.55	44.39
3.754	13.27	50.92	0.88	8.7	27.1	1.5	44.37
3.77	13.28	50.91	0.88	8.71	26.93	1.5	44.36
3.814	13.28	50.93	0.88	8.71	26.92	1.62	44.38
3.856	13.28	50.96	0.88	8.71	26.92	1.54	44.4
3.87	13.3	50.95	0.8	8.69	26.94	1.53	44.37
3.878	13.3	50.95	0.8	8.68	26.77	1.51	44.36
3.896	13.3	50.95	0.95	8.66	26.75	1.46	44.37
3.917	13.3	50.96	0.99	8.63	26.56	1.5	44.38
3.945	13.3	50.97	0.84	8.61	26.49	1.46	44.38
3.981	13.31	50.97	0.92	8.6	26.48	1.52	44.38
4.017	13.31	50.97	0.84	8.59	26.23	1.47	44.38
4.03	13.31	50.97	0.88	8.6	26.42	1.5	44.37
4.049	13.31	50.97	1.03	8.61	26.12	1.47	44.37
4.085	13.31	50.96	0.99	8.61	26.04	1.53	44.36
4.121	13.31	50.96	0.84	8.61	26.14	1.61	44.37
4.148	13.31	50.97	0.76	8.61	26.17	1.51	44.38
4.167	13.31	50.97	0.88	8.6	26.04	1.47	44.38
4.183	13.31	50.97	0.76	8.6	25.94	1.52	44.38
4.19	13.31	50.97	0.92	8.6	26.07	1.48	44.38

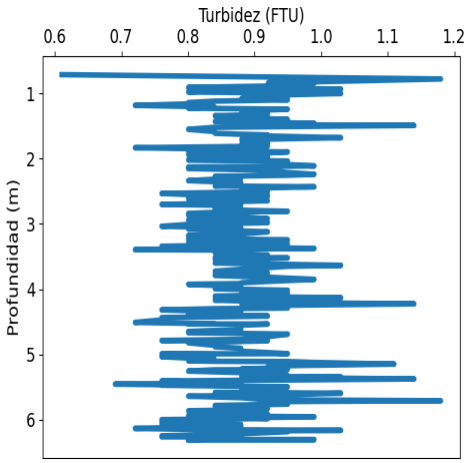
4.196	13.31	50.97	0.92	8.6	25.91	1.46	44.38
4.21	13.31	50.97	0.95	8.6	25.77	1.46	44.38
4.242	13.32	50.98	0.8	8.61	25.68	1.48	44.38
4.283	13.32	50.98	0.84	8.62	25.73	1.53	44.38
4.316	13.32	50.98	0.95	8.62	25.72	1.53	44.38
4.332	13.32	50.98	0.76	8.63	25.46	1.54	44.38
4.339	13.32	50.98	1.07	8.63	25.35	1.45	44.38
4.347	13.32	50.98	0.92	8.63	25.38	1.57	44.38
4.362	13.32	50.99	0.88	8.63	25.38	1.56	44.38
4.382	13.33	50.99	0.92	8.63	25.3	1.52	44.38
4.401	13.33	50.99	0.88	8.63	25.06	1.47	44.38
4.431	13.33	50.99	0.88	8.62	24.99	1.56	44.38
4.471	13.33	50.99	0.69	8.62	24.93	1.59	44.38
4.492	13.32	50.99	0.88	8.61	24.85	1.67	44.38
4.496	13.33	50.99	0.88	8.6	24.8	1.75	44.38
4.535	13.33	50.99	0.84	8.59	24.7	1.57	44.38
4.582	13.33	50.98	0.88	8.59	24.71	1.5	44.38
4.611	13.33	50.98	0.76	8.6	24.73	1.55	44.38
4.619	13.32	50.98	0.84	8.6	24.62	1.5	44.38
4.625	13.32	50.98	0.88	8.6	24.48	1.48	44.38
4.642	13.32	50.98	0.65	8.6	24.31	1.51	44.38
4.665	13.32	50.99	0.8	8.59	24.4	1.48	44.38
4.684	13.32	50.99	0.88	8.59	24.48	1.43	44.38
4.7	13.33	50.98	0.84	8.59	24.46	1.4	44.38
4.722	13.32	50.98	0.84	8.59	24.3	1.43	44.38
4.742	13.32	50.99	0.84	8.59	24.22	1.53	44.38
4.755	13.33	50.99	0.84	8.59	24.1	1.48	44.38
4.779	13.33	50.99	0.84	8.59	23.99	1.43	44.38
4.819	13.33	50.99	0.8	8.59	23.84	1.53	44.37
4.843	13.33	50.99	0.76	8.59	23.67	1.54	44.38
4.913	13.33	50.99	0.88	8.58	23.55	1.56	44.38
4.926	13.33	50.99	0.76	8.57	23.35	1.66	44.38
4.972	13.33	50.99	0.8	8.57	23.29	1.62	44.38
5.036	13.33	50.99	0.8	8.58	23.29	1.56	44.38
5.045	13.33	50.99	0.72	8.59	23.16	1.57	44.38
5.069	13.33	50.99	0.76	8.6	22.96	1.59	44.38
5.116	13.33	50.99	0.72	8.6	22.99	1.55	44.38
5.148	13.33	50.99	0.8	8.6	23.0	1.5	44.38
5.15	13.33	50.99	0.92	8.59	22.93	1.52	44.38
5.16	13.33	50.99	0.95	8.59	22.87	1.56	44.38
5.188	13.33	50.99	0.92	8.58	22.72	1.42	44.38
5.23	13.33	51.0	0.76	8.57	22.65	1.53	44.38
5.25	13.33	50.99	0.8	8.57	22.55	1.59	44.38
5.292	13.33	50.99	0.8	8.58	22.25	1.55	44.38
5.355	13.33	50.99	0.8	8.59	22.21	1.66	44.38
5.378	13.33	50.99	0.84	8.58	22.1	1.63	44.38
5.389	13.33	50.99	0.88	8.58	21.98	1.65	44.38
5.424	13.33	50.99	0.88	8.59	21.94	1.5	44.38
5.455	13.33	50.99	0.92	8.59	21.94	1.56	44.38
5.472	13.33	50.99	0.76	8.6	21.86	1.66	44.38
5.481	13.33	50.99	0.76	8.6	21.8	1.53	44.38
5.488	13.33	50.99	0.84	8.6	21.8	1.48	44.38
5.492	13.33	50.99	0.72	8.61	21.91	1.53	44.38
5.494	13.33	50.99	0.84	8.6	22.03	1.59	44.38
5.496	13.33	50.99	0.72	8.6	22.02	1.66	44.38

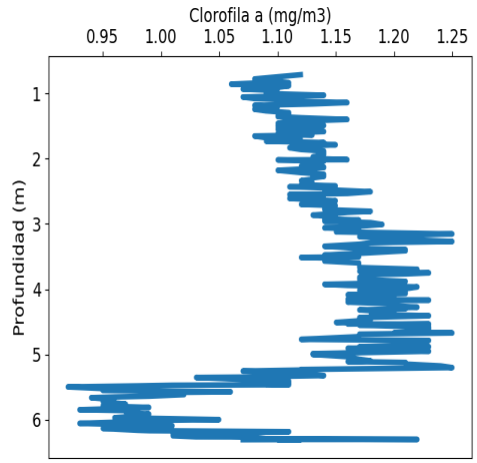
Nombre: CTD E03 - Punto 004 **Fecha: 17/12/2024** **Hora: 08:12:46**

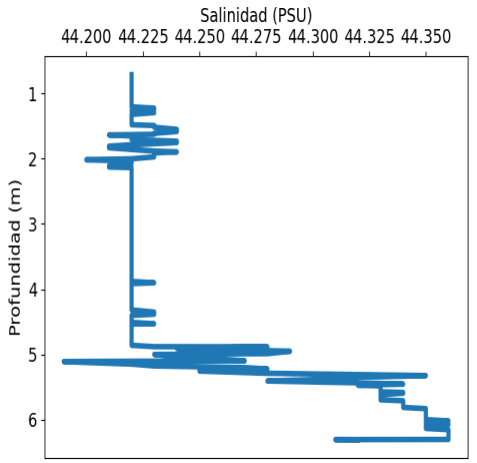


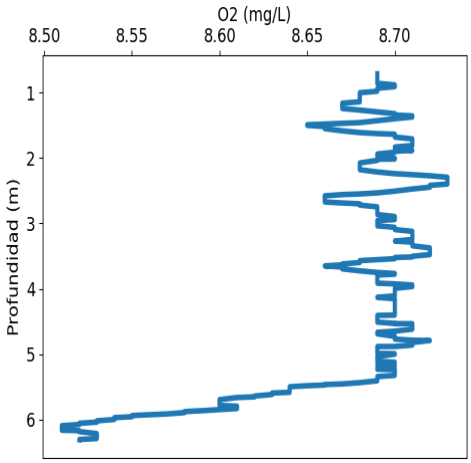


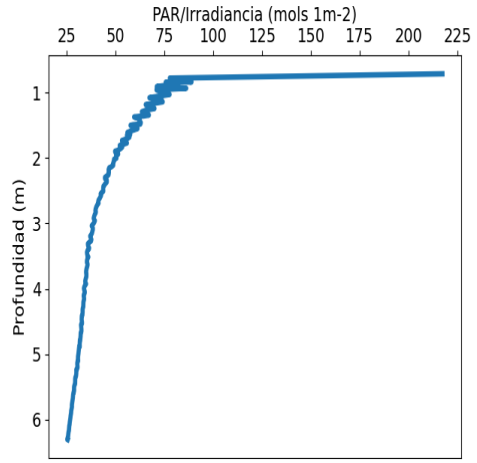


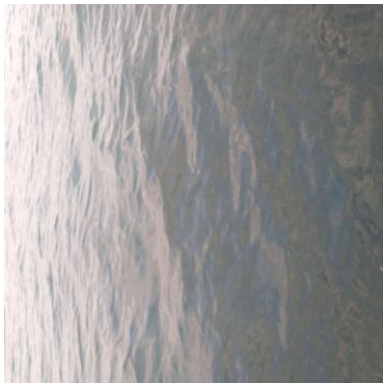












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.34	50.84	0.61	8.51	25.23	0.92	44.19
PROF (metros)	0.713	0.883	0.713	6.095	6.304	5.499	5.11
MÁXIMO	13.56	13.56	1.18	8.73	217.39	1.25	44.36
PROF (metros)	5.574	5.595	0.779	2.295	0.713	3.154	6.02

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.34	50.84	0.9	8.69	92.08	1.09	44.22
1 - 2m	13.36	50.86	0.89	8.69	61.1	1.11	44.22
2 - 3m	13.34	50.84	0.87	8.69	43.68	1.14	44.22
3 - 4m	13.35	50.85	0.87	8.7	35.97	1.18	44.22
4 - 5m	13.36	50.87	0.87	8.7	32.71	1.19	44.23
5 - 6m	13.5	51.13	0.89	8.64	28.84	1.05	44.31
6 - 7m	13.54	51.21	0.85	8.52	25.97	1.03	44.35

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	13.34	50.85	0.61	8.69	217.39	1.12	44.22
0.779	13.34	50.85	1.18	8.69	77.75	1.08	44.22
0.838	13.35	50.85	0.92	8.69	88.9	1.11	44.22
0.842	13.35	50.85	0.99	8.69	75.64	1.08	44.22
0.858	13.35	50.85	0.92	8.69	82.18	1.06	44.22
0.883	13.34	50.84	0.95	8.7	77.45	1.11	44.22
0.909	13.34	50.84	0.8	8.7	71.07	1.1	44.22
0.934	13.34	50.84	1.03	8.69	86.2	1.07	44.22
0.958	13.34	50.84	0.84	8.69	70.95	1.1	44.22
0.979	13.34	50.84	0.8	8.69	73.22	1.09	44.22
1.002	13.34	50.84	1.03	8.68	74.44	1.09	44.22
1.028	13.34	50.84	0.92	8.68	77.7	1.14	44.22
1.055	13.34	50.84	0.95	8.68	72.38	1.07	44.22
1.079	13.34	50.84	0.88	8.68	67.32	1.08	44.22
1.099	13.34	50.84	0.95	8.68	71.4	1.11	44.22
1.119	13.34	50.85	0.84	8.68	73.65	1.12	44.22
1.141	13.34	50.85	0.8	8.68	74.15	1.16	44.22
1.162	13.34	50.85	0.8	8.67	70.05	1.13	44.22
1.184	13.35	50.85	0.72	8.67	65.41	1.08	44.22
1.207	13.35	50.85	0.84	8.67	67.39	1.1	44.22
1.226	13.35	50.86	0.8	8.67	67.55	1.1	44.23
1.243	13.35	50.86	0.95	8.67	69.94	1.08	44.23
1.268	13.35	50.86	0.88	8.68	65.74	1.09	44.22
1.295	13.35	50.86	0.92	8.69	63.44	1.11	44.23
1.322	13.36	50.86	0.92	8.7	64.71	1.11	44.22
1.343	13.36	50.86	0.84	8.7	67.1	1.1	44.22
1.356	13.36	50.86	0.88	8.71	64.61	1.1	44.22
1.373	13.36	50.86	0.88	8.71	59.48	1.12	44.22
1.4	13.35	50.85	0.95	8.7	62.21	1.16	44.22
1.43	13.35	50.85	0.84	8.69	62.32	1.11	44.22
1.459	13.35	50.86	0.99	8.68	62.94	1.1	44.22
1.481	13.35	50.86	0.95	8.66	62.72	1.11	44.22
1.492	13.35	50.86	1.14	8.65	58.98	1.14	44.23
1.501	13.35	50.87	1.03	8.65	57.62	1.1	44.23
1.52	13.36	50.87	0.84	8.66	60.46	1.11	44.23

1.551	13.36	50.88	0.8	8.66	61.24	1.1	44.24
1.585	13.36	50.89	0.84	8.67	57.95	1.14	44.24
1.612	13.37	50.89	0.84	8.68	56.01	1.1	44.23
1.627	13.37	50.89	0.88	8.69	56.81	1.12	44.23
1.637	13.37	50.87	0.92	8.7	57.54	1.13	44.21
1.653	13.37	50.87	0.92	8.7	55.78	1.08	44.22
1.68	13.37	50.87	1.03	8.7	57.13	1.09	44.22
1.708	13.36	50.87	0.88	8.71	55.7	1.12	44.22
1.733	13.36	50.89	0.92	8.71	53.27	1.09	44.24
1.754	13.37	50.89	0.92	8.71	54.64	1.14	44.24
1.771	13.37	50.88	0.88	8.71	55.81	1.13	44.23
1.788	13.37	50.88	0.92	8.71	53.96	1.15	44.22
1.809	13.37	50.87	0.92	8.71	52.13	1.12	44.21
1.833	13.36	50.86	0.72	8.7	53.43	1.11	44.21
1.86	13.36	50.87	0.88	8.7	52.4	1.12	44.22
1.884	13.36	50.87	0.8	8.71	51.06	1.14	44.23
1.897	13.36	50.88	0.95	8.7	49.72	1.14	44.24
1.912	13.36	50.88	0.92	8.7	49.85	1.14	44.23
1.939	13.37	50.88	0.8	8.69	51.36	1.14	44.23
1.973	13.37	50.89	0.92	8.69	50.22	1.13	44.23
2.003	13.37	50.88	0.92	8.7	50.46	1.14	44.22
2.016	13.37	50.86	0.92	8.7	49.38	1.16	44.2
2.019	13.36	50.85	0.8	8.69	49.24	1.1	44.2
2.037	13.35	50.85	0.95	8.69	49.3	1.14	44.22
2.076	13.35	50.85	0.92	8.68	48.81	1.13	44.22
2.112	13.35	50.85	0.99	8.68	48.8	1.12	44.21
2.129	13.35	50.84	0.8	8.68	47.98	1.14	44.21
2.137	13.35	50.84	0.92	8.68	47.82	1.14	44.22
2.151	13.34	50.84	0.8	8.68	46.72	1.13	44.22
2.179	13.34	50.84	0.92	8.68	46.42	1.1	44.22
2.214	13.34	50.84	0.95	8.69	46.59	1.12	44.22
2.24	13.34	50.84	0.99	8.7	46.3	1.14	44.22
2.255	13.34	50.84	0.95	8.71	46.42	1.13	44.22
2.272	13.34	50.84	0.84	8.72	45.76	1.14	44.22
2.295	13.34	50.84	0.88	8.73	44.59	1.13	44.22
2.315	13.34	50.84	0.84	8.73	44.59	1.13	44.22
2.338	13.34	50.84	0.8	8.73	45.5	1.12	44.22
2.368	13.34	50.84	0.88	8.73	45.51	1.13	44.22
2.398	13.34	50.84	0.88	8.73	44.59	1.12	44.22
2.419	13.34	50.84	0.84	8.72	44.22	1.15	44.22
2.432	13.34	50.84	0.99	8.72	43.78	1.11	44.22
2.447	13.34	50.84	0.92	8.72	43.7	1.14	44.22
2.474	13.34	50.84	0.88	8.71	43.65	1.14	44.22
2.507	13.34	50.84	0.92	8.7	43.73	1.18	44.22
2.534	13.34	50.84	0.76	8.69	42.7	1.16	44.22
2.55	13.34	50.84	0.8	8.68	42.34	1.11	44.22
2.56	13.34	50.84	0.92	8.67	42.65	1.14	44.22
2.579	13.34	50.84	0.92	8.66	42.51	1.13	44.22
2.61	13.34	50.84	0.8	8.66	41.98	1.11	44.22
2.646	13.34	50.84	0.92	8.66	41.28	1.15	44.22
2.673	13.34	50.84	0.8	8.66	41.12	1.14	44.22
2.688	13.34	50.84	0.84	8.67	41.3	1.13	44.22
2.701	13.34	50.84	0.76	8.68	41.08	1.12	44.22
2.72	13.34	50.84	0.88	8.68	40.58	1.15	44.22
2.748	13.34	50.84	0.84	8.69	40.15	1.14	44.22
2.781	13.34	50.84	0.84	8.69	39.81	1.14	44.22
2.807	13.34	50.84	0.95	8.69	39.68	1.18	44.22
2.824	13.34	50.84	0.84	8.69	39.89	1.16	44.22

2.84	13.34	50.84	0.8	8.69	39.8	1.15	44.22
2.865	13.34	50.84	0.8	8.69	39.34	1.13	44.22
2.895	13.34	50.84	0.88	8.7	39.01	1.15	44.22
2.921	13.34	50.84	0.92	8.7	38.8	1.14	44.22
2.941	13.34	50.84	0.8	8.7	38.96	1.17	44.22
2.958	13.34	50.84	0.88	8.69	39.42	1.14	44.22
2.981	13.34	50.84	0.92	8.69	39.14	1.18	44.22
3.009	13.34	50.84	0.8	8.69	38.52	1.19	44.22
3.037	13.34	50.84	0.76	8.69	37.79	1.17	44.22
3.061	13.34	50.84	0.88	8.7	38.26	1.14	44.22
3.078	13.34	50.84	0.8	8.7	38.35	1.17	44.22
3.095	13.34	50.84	0.84	8.7	38.34	1.17	44.22
3.122	13.34	50.84	0.92	8.71	38.12	1.15	44.22
3.154	13.34	50.84	0.88	8.71	37.88	1.25	44.22
3.177	13.34	50.85	0.8	8.71	37.41	1.2	44.22
3.196	13.34	50.85	0.88	8.71	37.0	1.17	44.22
3.22	13.34	50.85	0.8	8.71	37.25	1.2	44.22
3.247	13.35	50.85	0.95	8.71	37.62	1.22	44.22
3.27	13.35	50.85	0.8	8.7	37.42	1.25	44.22
3.289	13.35	50.85	0.84	8.71	36.57	1.18	44.22
3.312	13.35	50.85	0.95	8.71	35.81	1.17	44.22
3.343	13.34	50.85	0.76	8.71	35.92	1.14	44.22
3.376	13.34	50.85	0.99	8.72	36.46	1.17	44.22
3.395	13.35	50.85	0.72	8.72	36.32	1.21	44.22
3.401	13.35	50.85	0.84	8.72	36.09	1.18	44.22
3.412	13.35	50.85	0.88	8.72	35.66	1.21	44.22
3.442	13.35	50.85	0.84	8.72	35.36	1.18	44.22
3.478	13.35	50.85	0.92	8.72	35.5	1.14	44.22
3.503	13.35	50.85	0.88	8.71	35.78	1.17	44.22
3.514	13.35	50.85	0.84	8.71	36.08	1.12	44.22
3.522	13.35	50.85	0.95	8.7	35.75	1.14	44.22
3.54	13.35	50.85	0.84	8.7	35.6	1.14	44.22
3.57	13.35	50.85	0.92	8.68	35.37	1.14	44.22
3.599	13.35	50.85	0.84	8.68	35.34	1.17	44.22
3.621	13.35	50.85	0.95	8.67	35.64	1.17	44.22
3.635	13.35	50.85	1.03	8.67	35.64	1.17	44.22
3.65	13.35	50.85	0.95	8.66	35.54	1.17	44.22
3.669	13.35	50.85	0.92	8.67	35.36	1.17	44.22
3.696	13.35	50.85	0.88	8.67	35.13	1.22	44.22
3.726	13.35	50.85	0.84	8.68	34.97	1.17	44.22
3.751	13.35	50.85	0.92	8.69	34.93	1.23	44.22
3.767	13.35	50.85	0.84	8.7	35.06	1.21	44.22
3.777	13.35	50.85	0.84	8.7	35.04	1.18	44.22
3.791	13.35	50.85	0.84	8.69	35.06	1.18	44.22
3.818	13.35	50.85	0.92	8.69	35.02	1.17	44.22
3.85	13.35	50.85	0.99	8.69	34.7	1.17	44.22
3.882	13.34	50.85	0.92	8.69	34.45	1.21	44.22
3.903	13.35	50.86	0.88	8.69	34.5	1.17	44.23
3.915	13.35	50.85	0.88	8.69	34.67	1.17	44.22
3.926	13.35	50.85	0.8	8.7	34.92	1.14	44.22
3.943	13.35	50.86	0.84	8.71	34.57	1.16	44.22
3.966	13.35	50.86	0.88	8.71	34.03	1.22	44.22
3.994	13.35	50.86	0.84	8.7	33.8	1.21	44.22
4.018	13.35	50.86	0.95	8.7	33.94	1.17	44.22
4.036	13.35	50.86	0.88	8.7	34.17	1.19	44.22
4.051	13.35	50.86	0.88	8.7	34.26	1.21	44.22
4.068	13.35	50.86	0.95	8.7	34.18	1.21	44.22
4.087	13.35	50.86	0.92	8.7	33.79	1.16	44.22

4.109	13.35	50.86	0.84	8.7	33.69	1.2	44.22
4.132	13.35	50.86	1.03	8.69	33.81	1.2	44.22
4.153	13.35	50.86	0.88	8.7	33.86	1.16	44.22
4.169	13.35	50.86	0.84	8.7	33.82	1.23	44.22
4.181	13.35	50.86	0.88	8.7	33.71	1.17	44.22
4.199	13.35	50.85	0.88	8.7	33.55	1.16	44.22
4.226	13.35	50.85	1.14	8.7	33.52	1.2	44.22
4.255	13.35	50.85	0.88	8.7	33.46	1.2	44.22
4.277	13.35	50.86	0.95	8.7	33.46	1.22	44.22
4.29	13.35	50.86	0.95	8.7	33.3	1.2	44.22
4.3	13.35	50.86	0.84	8.7	33.22	1.21	44.22
4.319	13.35	50.86	0.76	8.7	33.12	1.17	44.22
4.352	13.35	50.87	0.88	8.7	33.14	1.2	44.23
4.384	13.36	50.87	0.8	8.7	33.05	1.18	44.23
4.403	13.36	50.87	0.88	8.7	33.02	1.22	44.22
4.408	13.36	50.87	0.92	8.69	32.91	1.23	44.22
4.414	13.36	50.87	0.92	8.69	32.71	1.22	44.22
4.436	13.36	50.87	0.76	8.69	32.69	1.17	44.22
4.473	13.36	50.87	0.76	8.69	32.63	1.18	44.22
4.51	13.36	50.87	0.72	8.69	32.81	1.15	44.22
4.531	13.36	50.88	0.84	8.7	32.81	1.18	44.23
4.534	13.36	50.88	0.8	8.7	32.82	1.16	44.22
4.535	13.36	50.87	0.92	8.71	32.56	1.23	44.22
4.552	13.36	50.87	0.88	8.71	32.31	1.17	44.22
4.583	13.36	50.87	0.88	8.71	32.39	1.23	44.22
4.618	13.36	50.87	0.88	8.71	32.5	1.23	44.22
4.649	13.36	50.87	0.8	8.7	32.51	1.22	44.22
4.666	13.36	50.87	0.8	8.69	32.32	1.2	44.22
4.669	13.36	50.87	0.8	8.69	32.23	1.24	44.22
4.672	13.36	50.86	0.84	8.69	32.16	1.25	44.22
4.69	13.36	50.86	0.95	8.69	32.15	1.17	44.22
4.728	13.36	50.86	0.92	8.7	32.09	1.17	44.22
4.77	13.36	50.86	0.88	8.7	31.97	1.12	44.22
4.787	13.35	50.86	0.76	8.71	31.88	1.23	44.22
4.792	13.35	50.86	0.92	8.72	31.74	1.2	44.22
4.822	13.36	50.86	0.8	8.71	31.67	1.22	44.22
4.861	13.36	50.86	0.84	8.71	31.62	1.21	44.22
4.882	13.36	50.88	0.84	8.7	31.69	1.17	44.23
4.883	13.36	50.9	0.84	8.7	31.47	1.23	44.26
4.884	13.37	50.94	0.84	8.69	31.37	1.22	44.28
4.907	13.38	50.92	0.88	8.69	31.29	1.16	44.24
4.952	13.39	50.97	0.88	8.69	31.15	1.23	44.29
4.989	13.4	50.98	0.95	8.69	31.02	1.13	44.28
4.993	13.43	50.99	0.76	8.7	31.02	1.14	44.26
5.001	13.43	50.96	0.84	8.7	30.95	1.13	44.23
5.036	13.42	50.97	0.76	8.69	30.78	1.16	44.24
5.075	13.42	50.99	0.84	8.69	30.75	1.17	44.26
5.099	13.43	51.0	0.8	8.69	30.83	1.18	44.27
5.106	13.43	50.96	0.84	8.69	30.8	1.17	44.22
5.11	13.42	50.91	0.95	8.69	30.62	1.16	44.19
5.124	13.4	50.89	0.99	8.7	30.46	1.21	44.2
5.149	13.39	50.9	1.11	8.69	30.41	1.21	44.22
5.177	13.38	50.91	0.92	8.7	30.48	1.24	44.23
5.203	13.38	50.95	0.95	8.69	30.53	1.25	44.27
5.223	13.39	50.96	0.88	8.69	30.34	1.16	44.28
5.232	13.41	50.96	0.95	8.69	30.07	1.12	44.25
5.237	13.41	50.96	0.84	8.7	29.87	1.13	44.25
5.256	13.41	50.96	0.8	8.7	29.91	1.07	44.25

5.29	13.41	51.0	0.92	8.7	29.9	1.12	44.28
5.325	13.43	51.07	0.95	8.7	29.81	1.14	44.35
5.344	13.45	51.09	0.88	8.69	29.69	1.08	44.33
5.347	13.47	51.1	1.03	8.69	29.54	1.08	44.32
5.354	13.49	51.12	0.92	8.69	29.44	1.03	44.32
5.377	13.5	51.13	1.14	8.69	29.32	1.06	44.31
5.408	13.51	51.1	0.76	8.69	29.31	1.11	44.28
5.436	13.51	51.15	0.88	8.68	29.3	1.11	44.32
5.456	13.51	51.17	0.69	8.67	29.26	1.09	44.34
5.465	13.53	51.18	0.76	8.66	29.11	1.11	44.33
5.473	13.54	51.18	0.76	8.66	29.0	1.01	44.32
5.483	13.54	51.19	0.84	8.65	28.89	0.98	44.33
5.499	13.55	51.2	0.95	8.64	28.79	0.92	44.33
5.524	13.55	51.21	0.88	8.64	28.75	0.95	44.33
5.553	13.55	51.21	0.88	8.64	28.78	0.95	44.33
5.574	13.56	51.22	0.88	8.64	28.63	1.06	44.33
5.583	13.56	51.22	0.95	8.64	28.61	1.01	44.34
5.584	13.56	51.22	0.84	8.64	28.48	1.01	44.34
5.595	13.56	51.23	1.03	8.63	28.41	1.02	44.34
5.617	13.56	51.22	0.95	8.63	28.28	1.02	44.33
5.641	13.56	51.23	0.8	8.62	28.18	0.99	44.33
5.653	13.56	51.23	0.84	8.62	28.17	0.96	44.33
5.664	13.56	51.23	0.88	8.61	28.17	0.94	44.33
5.696	13.56	51.22	0.92	8.6	28.0	0.96	44.33
5.711	13.56	51.22	1.18	8.6	27.95	0.95	44.34
5.724	13.56	51.22	0.92	8.6	27.89	0.95	44.34
5.743	13.56	51.22	0.92	8.6	27.78	0.96	44.34
5.763	13.56	51.22	0.95	8.6	27.68	0.97	44.34
5.783	13.56	51.22	0.84	8.6	27.62	0.95	44.34
5.797	13.55	51.22	0.84	8.61	27.66	0.96	44.34
5.813	13.55	51.22	0.88	8.61	27.62	0.99	44.34
5.832	13.55	51.22	0.92	8.61	27.5	0.96	44.35
5.849	13.55	51.22	0.88	8.6	27.42	0.93	44.35
5.865	13.55	51.22	0.8	8.59	27.3	0.98	44.35
5.879	13.55	51.22	0.88	8.58	27.28	0.97	44.35
5.894	13.54	51.22	0.88	8.58	27.24	0.97	44.35
5.915	13.54	51.22	0.92	8.57	27.15	0.99	44.35
5.939	13.54	51.22	0.8	8.55	27.0	0.98	44.35
5.958	13.54	51.22	0.99	8.55	26.95	0.97	44.35
5.971	13.54	51.22	0.88	8.54	26.89	0.96	44.35
5.983	13.54	51.22	0.92	8.54	26.83	1.0	44.35
6.0	13.54	51.22	0.76	8.54	26.75	1.05	44.35
6.02	13.54	51.22	0.76	8.53	26.67	0.96	44.36
6.04	13.54	51.22	0.8	8.53	26.56	0.96	44.35
6.058	13.54	51.22	0.76	8.52	26.51	0.93	44.35
6.076	13.54	51.22	0.88	8.52	26.45	0.97	44.36
6.095	13.54	51.22	0.88	8.51	26.3	1.01	44.35
6.115	13.54	51.22	0.8	8.51	26.26	0.99	44.35
6.135	13.54	51.22	0.72	8.51	26.19	0.95	44.35
6.154	13.54	51.22	0.84	8.51	26.14	0.97	44.36
6.164	13.54	51.22	1.03	8.51	26.11	0.98	44.36
6.17	13.54	51.22	0.95	8.52	26.1	0.99	44.36
6.185	13.54	51.22	0.95	8.52	25.96	1.11	44.36
6.216	13.54	51.22	0.88	8.53	25.82	1.01	44.36
6.248	13.54	51.22	0.76	8.53	25.73	1.01	44.36
6.264	13.54	51.22	0.76	8.53	25.68	1.03	44.36
6.265	13.54	51.22	0.84	8.53	25.68	1.06	44.36
6.272	13.54	51.22	0.88	8.53	25.57	1.08	44.36

6.291	13.54	51.22	0.88	8.53	25.37	1.09	44.36
6.304	13.54	51.22	0.8	8.52	25.23	1.22	44.36
6.305	13.54	51.18	0.99	8.52	25.39	1.1	44.31
6.306	13.53	51.16	0.99	8.52	25.39	1.12	44.31
6.308	13.52	51.16	0.8	8.52	25.5	1.07	44.32

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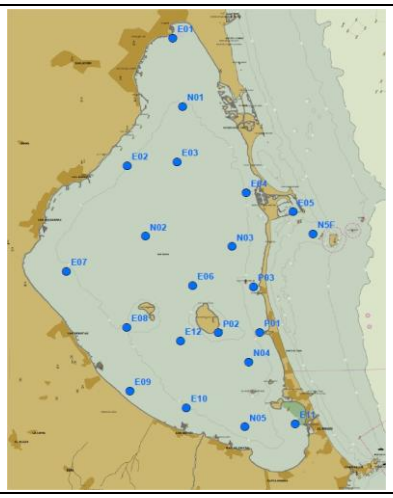
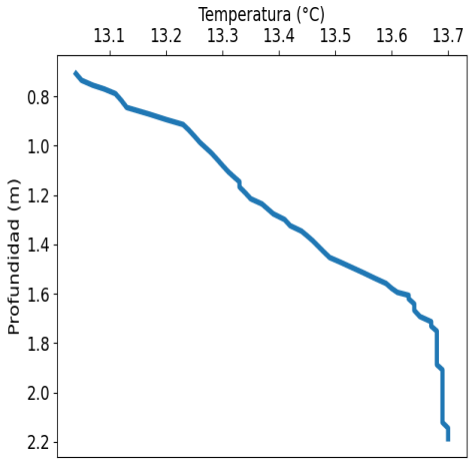
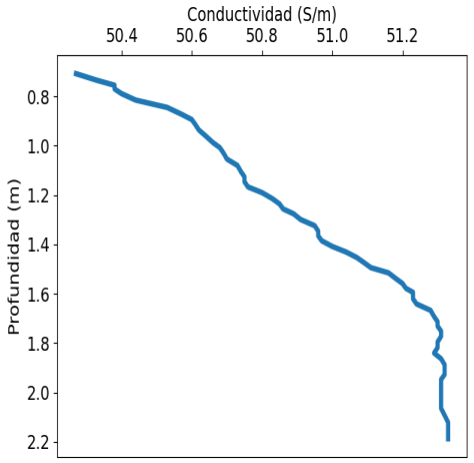
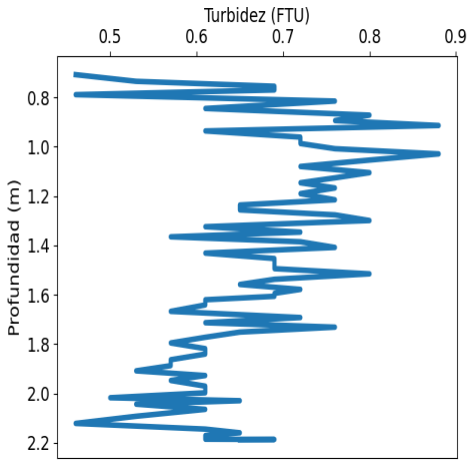
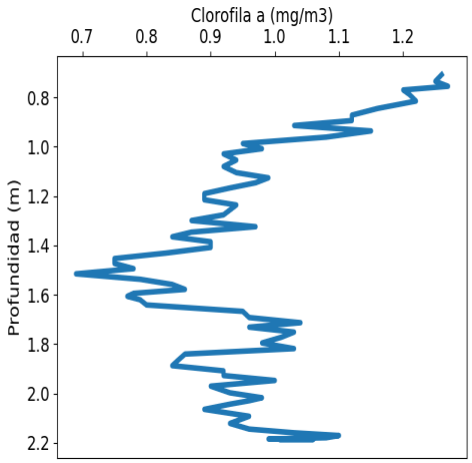
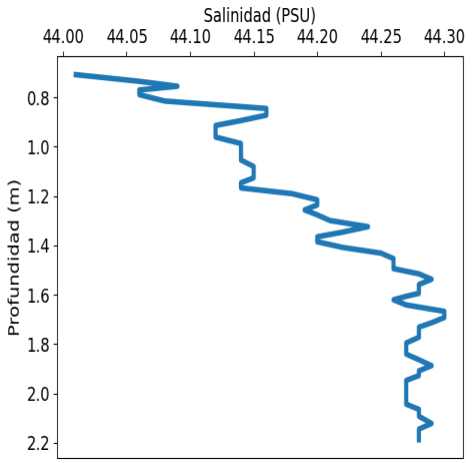


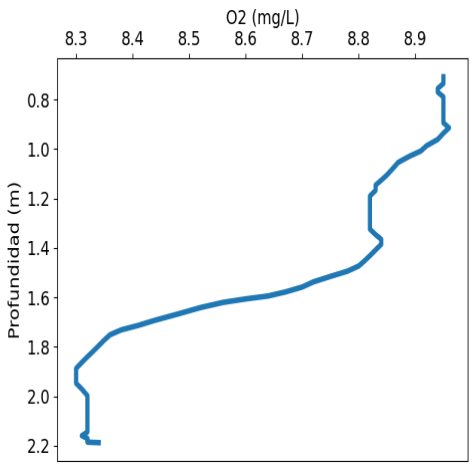


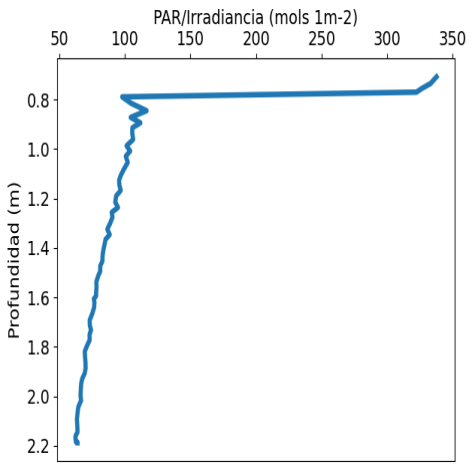


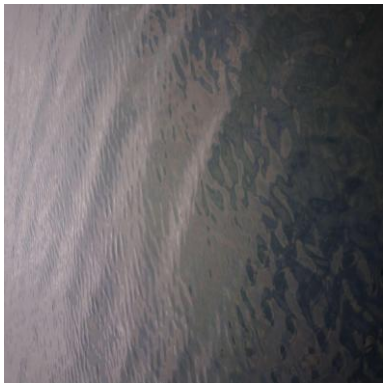












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.04	50.27	0.46	8.3	62.2	0.69	44.01
PROF (metros)	0.708	0.708	0.708	1.887	2.17	1.515	0.708
MÁXIMO	13.7	13.7	0.88	8.96	337.67	1.27	44.3
PROF (metros)	2.144	2.121	0.914	0.914	0.708	0.755	1.667

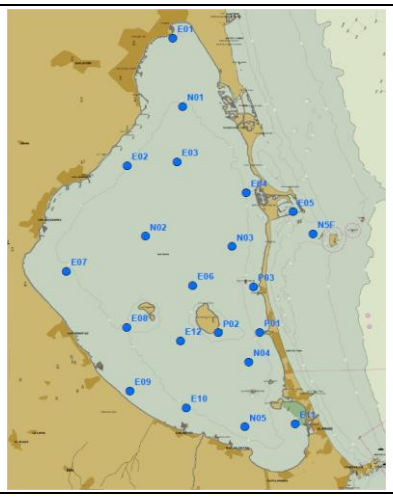
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.15	50.49	0.67	8.95	174.91	1.16	44.1
1 - 2m	13.52	51.08	0.68	8.64	81.83	0.9	44.24
2 - 3m	13.69	51.32	0.59	8.32	63.72	0.99	44.28

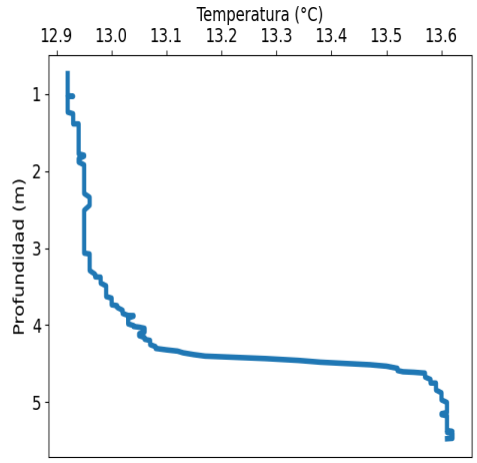
OBSERVACIONES GENERALES

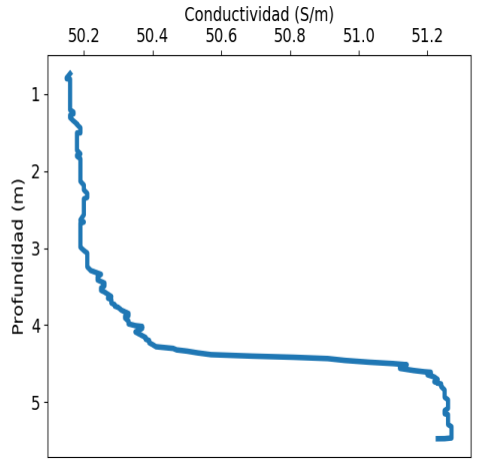
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	13.04	50.27	0.46	8.95	337.67	1.26	44.01
0.735	13.05	50.33	0.53	8.95	333.16	1.25	44.06
0.755	13.07	50.38	0.69	8.94	326.51	1.27	44.09
0.77	13.09	50.38	0.69	8.94	322.38	1.2	44.06
0.789	13.11	50.4	0.46	8.95	97.88	1.21	44.06
0.815	13.12	50.44	0.76	8.95	104.75	1.22	44.08
0.845	13.13	50.53	0.61	8.95	116.51	1.16	44.16
0.872	13.17	50.57	0.8	8.95	104.39	1.12	44.16
0.894	13.2	50.6	0.76	8.95	111.8	1.12	44.14
0.914	13.23	50.61	0.88	8.96	105.66	1.03	44.12
0.936	13.24	50.62	0.61	8.95	105.58	1.15	44.12
0.961	13.25	50.64	0.72	8.94	106.29	1.08	44.12
0.987	13.26	50.66	0.72	8.92	101.24	0.95	44.14
1.008	13.27	50.68	0.76	8.91	104.0	0.98	44.14
1.029	13.28	50.69	0.88	8.89	100.64	0.92	44.14
1.054	13.29	50.7	0.8	8.87	102.14	0.94	44.14
1.08	13.3	50.73	0.72	8.86	99.34	0.92	44.15
1.105	13.31	50.74	0.8	8.85	96.95	0.94	44.15
1.126	13.32	50.75	0.76	8.84	95.52	0.99	44.15
1.146	13.33	50.75	0.72	8.83	95.79	0.97	44.14
1.167	13.33	50.76	0.76	8.83	96.79	0.93	44.14
1.19	13.34	50.8	0.72	8.82	93.27	0.89	44.18
1.215	13.35	50.83	0.76	8.82	92.62	0.89	44.2
1.236	13.37	50.85	0.65	8.82	94.71	0.94	44.2
1.256	13.38	50.86	0.65	8.82	89.92	0.93	44.19
1.276	13.39	50.89	0.76	8.82	90.46	0.92	44.2
1.299	13.41	50.91	0.8	8.82	88.8	0.87	44.21
1.324	13.42	50.95	0.61	8.82	86.58	0.97	44.24
1.346	13.44	50.96	0.72	8.83	88.35	0.87	44.22
1.365	13.45	50.96	0.57	8.84	85.25	0.84	44.2
1.385	13.46	50.97	0.72	8.84	84.48	0.9	44.2
1.408	13.47	51.0	0.76	8.83	83.55	0.9	44.22
1.431	13.48	51.04	0.61	8.82	82.95	0.83	44.25
1.453	13.49	51.07	0.69	8.81	82.83	0.75	44.26
1.473	13.51	51.09	0.69	8.8	81.14	0.75	44.26
1.494	13.53	51.11	0.69	8.78	81.14	0.78	44.26
1.515	13.55	51.16	0.8	8.75	79.45	0.69	44.28
1.537	13.57	51.18	0.69	8.72	78.19	0.79	44.29
1.558	13.59	51.2	0.65	8.7	78.33	0.84	44.28

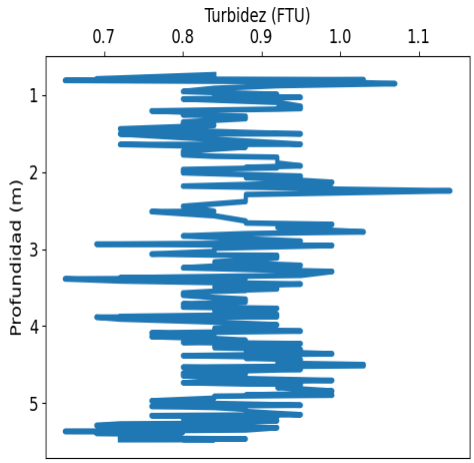
1.578	13.6	51.21	0.72	8.67	78.04	0.86	44.28
1.594	13.61	51.23	0.69	8.64	77.99	0.78	44.28
1.606	13.63	51.23	0.69	8.6	76.26	0.77	44.27
1.62	13.63	51.23	0.61	8.56	76.75	0.79	44.26
1.641	13.64	51.24	0.61	8.52	76.45	0.8	44.27
1.667	13.64	51.28	0.57	8.48	74.98	0.95	44.3
1.692	13.65	51.29	0.72	8.44	73.1	0.96	44.3
1.713	13.67	51.3	0.61	8.41	73.21	1.04	44.29
1.731	13.67	51.3	0.76	8.38	74.11	0.96	44.28
1.751	13.68	51.31	0.65	8.36	73.0	1.03	44.28
1.772	13.68	51.31	0.61	8.35	73.1	1.01	44.28
1.795	13.68	51.3	0.57	8.34	71.1	0.98	44.27
1.818	13.68	51.3	0.61	8.33	69.33	1.03	44.27
1.84	13.68	51.29	0.61	8.32	69.57	0.86	44.27
1.863	13.68	51.31	0.57	8.31	69.89	0.85	44.28
1.887	13.68	51.32	0.57	8.3	69.99	0.84	44.29
1.908	13.69	51.32	0.53	8.3	69.23	0.92	44.28
1.927	13.69	51.32	0.61	8.3	67.5	0.92	44.28
1.947	13.69	51.31	0.57	8.3	66.66	1.0	44.27
1.97	13.69	51.31	0.61	8.31	66.36	0.9	44.27
1.997	13.69	51.31	0.61	8.32	66.12	0.93	44.27
2.017	13.69	51.31	0.5	8.32	66.54	0.98	44.27
2.029	13.69	51.31	0.65	8.32	65.5	0.96	44.27
2.043	13.69	51.31	0.53	8.32	64.44	0.93	44.27
2.064	13.69	51.31	0.61	8.32	63.92	0.89	44.28
2.092	13.69	51.32	0.53	8.32	63.38	0.96	44.28
2.121	13.69	51.33	0.46	8.32	63.69	0.93	44.29
2.144	13.7	51.33	0.61	8.32	63.82	0.96	44.28
2.159	13.7	51.33	0.65	8.31	62.4	1.03	44.28
2.17	13.7	51.33	0.61	8.32	62.2	1.1	44.28
2.179	13.7	51.33	0.61	8.32	62.71	1.08	44.28
2.184	13.7	51.33	0.61	8.32	63.0	0.99	44.28
2.185	13.7	51.33	0.61	8.32	62.68	1.01	44.28
2.186	13.7	51.33	0.69	8.33	63.91	1.06	44.28
2.187	13.7	51.33	0.65	8.34	63.9	1.01	44.28

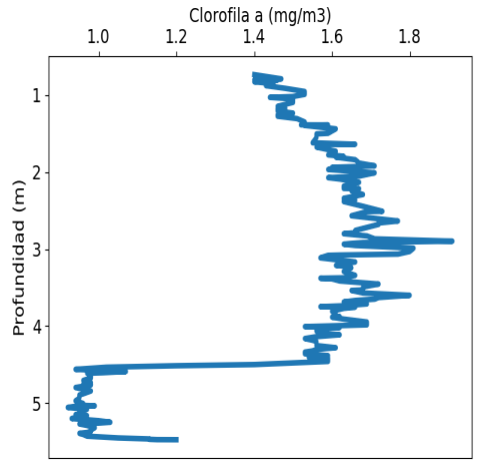
Nombre: CTD N01 - Punto 006 **Fecha: 17/12/2024** **Hora: 09:12:45**

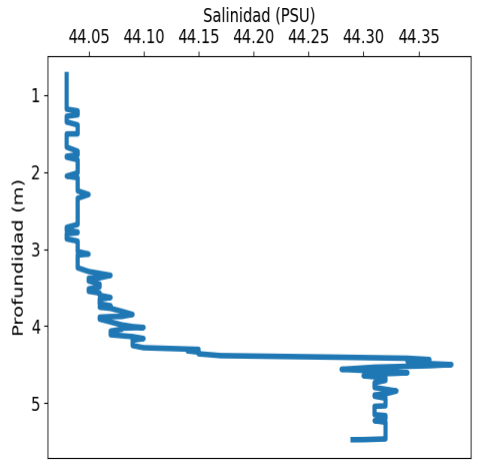


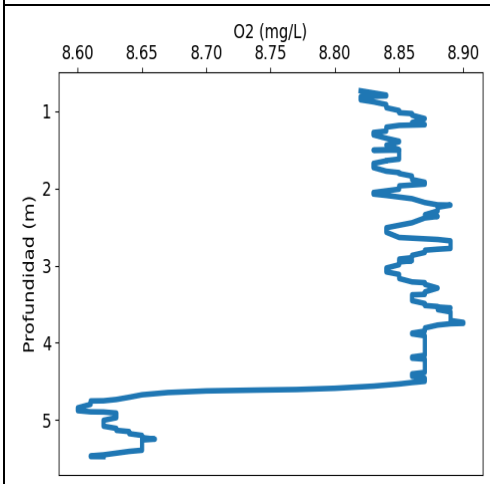


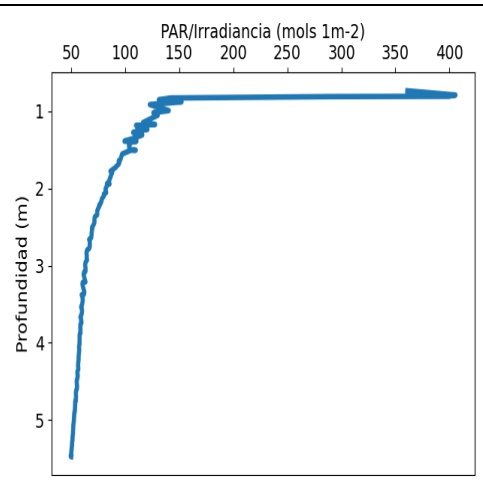


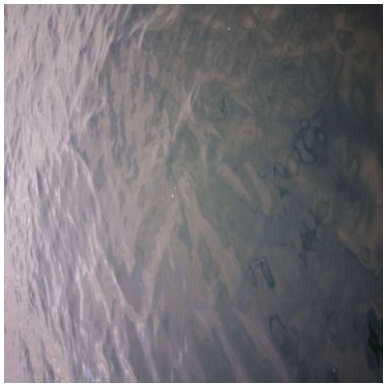












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.92	50.15	0.65	8.6	49.46	0.92	44.03
PROF (metros)	0.734	0.789	0.809	4.843	5.466	5.057	0.734
MÁXIMO	13.62	13.62	1.14	8.9	405.62	1.91	44.38
PROF (metros)	5.382	5.32	2.243	3.736	0.789	2.897	4.5

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.92	50.16	0.88	8.83	243.38	1.45	44.03
1 - 2m	12.94	50.18	0.86	8.85	103.86	1.55	44.04
2 - 3m	12.95	50.19	0.9	8.86	70.44	1.68	44.04
3 - 4m	12.99	50.26	0.84	8.87	59.95	1.65	44.06
4 - 5m	13.33	50.84	0.89	8.78	55.41	1.29	44.23
5 - 6m	13.61	51.26	0.82	8.64	51.0	0.99	44.31

OBSERVACIONES GENERALES

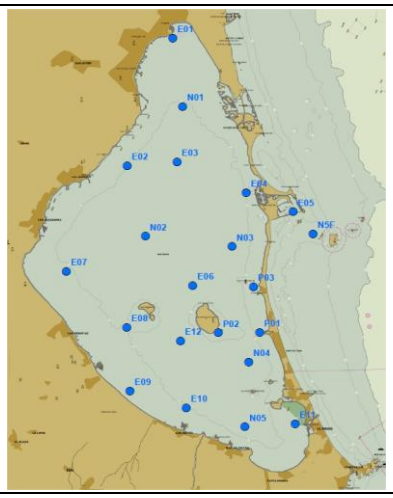
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.734	12.92	50.16	0.84	8.82	361.07	1.4	44.03
0.789	12.92	50.15	0.69	8.84	405.62	1.47	44.03
0.8	12.92	50.15	1.03	8.84	400.76	1.4	44.03
0.805	12.92	50.16	0.95	8.83	399.74	1.46	44.03
0.809	12.92	50.16	0.65	8.82	290.38	1.43	44.03
0.827	12.92	50.16	0.99	8.82	141.75	1.4	44.03
0.851	12.92	50.16	1.07	8.82	131.01	1.45	44.03
0.877	12.92	50.16	0.92	8.83	152.1	1.43	44.03
0.912	12.92	50.16	0.84	8.84	122.69	1.48	44.03
0.953	12.92	50.16	0.8	8.84	131.83	1.53	44.03
0.99	12.92	50.16	0.92	8.85	140.25	1.53	44.03
1.018	12.92	50.16	0.84	8.85	125.95	1.5	44.03
1.028	12.93	50.16	0.88	8.86	130.31	1.45	44.03
1.029	12.92	50.16	0.95	8.86	126.74	1.44	44.03
1.05	12.92	50.16	0.8	8.86	130.1	1.5	44.03
1.094	12.92	50.16	0.92	8.87	123.69	1.5	44.03
1.145	12.92	50.16	0.95	8.86	116.43	1.46	44.03
1.17	12.92	50.16	0.92	8.87	127.68	1.48	44.03
1.174	12.92	50.16	0.95	8.87	122.98	1.46	44.03
1.182	12.92	50.16	0.92	8.85	109.88	1.46	44.03
1.205	12.92	50.16	0.76	8.84	111.65	1.46	44.04
1.234	12.92	50.17	0.84	8.84	120.55	1.5	44.04
1.256	12.93	50.17	0.8	8.84	110.9	1.46	44.04
1.274	12.93	50.16	0.88	8.83	107.19	1.46	44.03
1.305	12.93	50.16	0.88	8.83	115.81	1.51	44.03
1.349	12.93	50.17	0.8	8.84	108.03	1.53	44.03
1.386	12.93	50.18	0.8	8.85	99.2	1.52	44.04
1.387	12.94	50.18	0.84	8.85	110.41	1.59	44.04
1.394	12.94	50.18	0.84	8.85	106.15	1.53	44.04
1.438	12.94	50.19	0.72	8.84	103.35	1.61	44.04
1.496	12.94	50.19	0.92	8.85	104.0	1.59	44.04
1.503	12.94	50.19	0.95	8.83	109.72	1.56	44.04
1.504	12.94	50.18	0.72	8.85	105.17	1.56	44.03
1.552	12.94	50.18	0.8	8.85	97.18	1.56	44.03
1.619	12.94	50.18	0.92	8.85	95.59	1.55	44.03
1.638	12.94	50.18	0.95	8.84	94.99	1.66	44.03

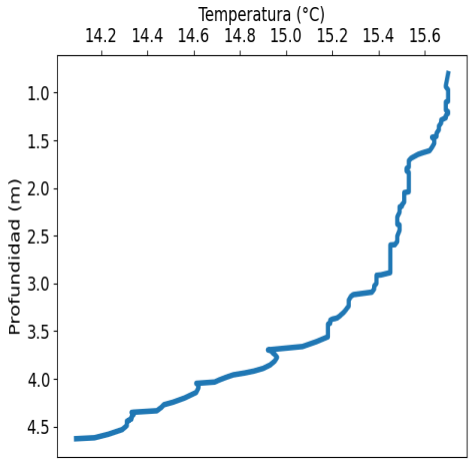
1.641	12.94	50.18	0.72	8.84	93.94	1.59	44.03
1.675	12.94	50.18	0.88	8.83	94.34	1.56	44.03
1.729	12.94	50.18	0.8	8.83	90.8	1.61	44.04
1.776	12.94	50.19	0.8	8.84	86.28	1.59	44.04
1.794	12.95	50.18	0.84	8.85	87.94	1.63	44.03
1.806	12.95	50.18	0.92	8.85	87.31	1.61	44.03
1.839	12.94	50.19	0.92	8.86	86.62	1.66	44.04
1.883	12.94	50.19	0.92	8.86	85.45	1.67	44.04
1.919	12.95	50.19	0.95	8.87	84.52	1.71	44.04
1.938	12.95	50.19	0.88	8.87	83.01	1.6	44.04
1.94	12.95	50.19	0.88	8.87	85.52	1.61	44.04
1.943	12.95	50.19	0.92	8.87	84.23	1.61	44.04
1.966	12.95	50.19	0.8	8.85	82.91	1.59	44.04
2.009	12.95	50.19	0.8	8.85	81.67	1.71	44.04
2.052	12.95	50.19	0.95	8.83	82.35	1.67	44.03
2.072	12.95	50.19	0.88	8.83	80.15	1.59	44.04
2.09	12.95	50.19	0.92	8.84	80.47	1.62	44.04
2.132	12.95	50.19	0.99	8.86	78.44	1.67	44.04
2.182	12.95	50.2	0.8	8.87	77.59	1.63	44.04
2.212	12.95	50.2	0.99	8.88	75.99	1.63	44.04
2.215	12.95	50.2	0.95	8.89	76.32	1.67	44.04
2.243	12.95	50.2	1.14	8.88	75.45	1.65	44.04
2.291	12.95	50.21	0.88	8.88	73.99	1.68	44.05
2.34	12.96	50.21	0.88	8.87	74.09	1.63	44.04
2.362	12.96	50.2	0.88	8.88	72.08	1.66	44.04
2.382	12.96	50.2	0.88	8.87	71.51	1.63	44.04
2.444	12.96	50.2	0.8	8.86	71.46	1.68	44.04
2.509	12.95	50.2	0.84	8.84	69.21	1.73	44.04
2.513	12.95	50.2	0.76	8.84	69.44	1.69	44.04
2.567	12.95	50.2	0.84	8.84	68.96	1.65	44.04
2.635	12.95	50.19	0.88	8.85	68.53	1.77	44.04
2.661	12.95	50.2	0.88	8.88	66.57	1.72	44.04
2.679	12.95	50.19	0.99	8.89	67.1	1.72	44.04
2.718	12.95	50.19	0.92	8.89	67.18	1.69	44.03
2.757	12.95	50.19	0.99	8.89	67.08	1.66	44.03
2.777	12.95	50.19	1.03	8.89	66.56	1.66	44.04
2.787	12.95	50.19	0.95	8.88	65.59	1.66	44.04
2.8	12.95	50.19	0.88	8.87	64.62	1.63	44.03
2.829	12.95	50.19	0.8	8.87	64.1	1.69	44.03
2.867	12.95	50.19	0.88	8.86	64.34	1.71	44.03
2.897	12.95	50.19	0.95	8.86	64.3	1.91	44.04
2.915	12.95	50.19	0.88	8.85	64.48	1.68	44.04
2.926	12.95	50.19	0.84	8.85	64.55	1.65	44.04
2.936	12.95	50.19	0.69	8.86	64.19	1.63	44.04
2.953	12.95	50.19	0.99	8.85	63.33	1.66	44.04
2.988	12.95	50.19	0.84	8.85	62.84	1.81	44.04
3.031	12.95	50.2	0.84	8.84	63.17	1.8	44.04
3.065	12.95	50.21	0.76	8.84	63.29	1.77	44.05
3.077	12.96	50.21	0.84	8.84	63.07	1.62	44.04
3.081	12.96	50.21	0.92	8.84	61.98	1.59	44.04
3.114	12.96	50.21	0.92	8.85	61.44	1.57	44.04
3.167	12.96	50.21	0.84	8.85	62.24	1.66	44.04
3.211	12.96	50.21	0.95	8.86	63.19	1.61	44.04
3.221	12.96	50.21	0.84	8.87	60.48	1.63	44.04
3.243	12.96	50.21	0.8	8.87	60.37	1.65	44.04
3.291	12.96	50.22	0.99	8.88	61.17	1.63	44.05
3.341	12.97	50.25	0.95	8.87	62.1	1.66	44.07
3.373	12.97	50.24	0.72	8.87	61.73	1.63	44.06

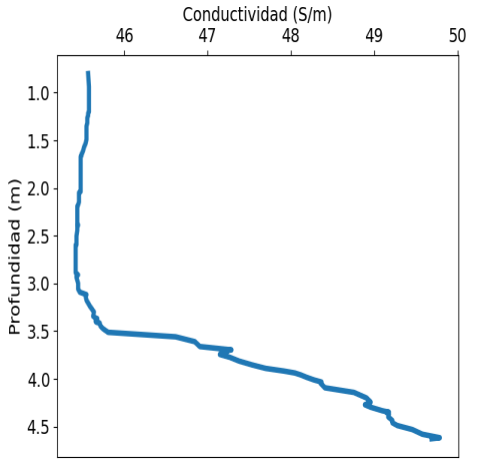
3.378	12.98	50.24	0.88	8.86	59.62	1.57	44.05
3.387	12.98	50.24	0.65	8.86	59.84	1.6	44.05
3.414	12.98	50.24	0.72	8.86	60.46	1.62	44.05
3.454	12.98	50.26	0.95	8.86	60.63	1.72	44.06
3.491	12.99	50.26	0.84	8.87	60.21	1.68	44.06
3.517	12.99	50.25	0.92	8.87	59.71	1.68	44.05
3.53	12.99	50.25	0.88	8.88	59.24	1.68	44.05
3.537	12.99	50.25	0.88	8.88	59.11	1.65	44.05
3.548	12.99	50.25	0.84	8.89	59.46	1.66	44.05
3.57	12.99	50.26	0.8	8.88	59.94	1.68	44.06
3.6	12.99	50.27	0.8	8.89	59.94	1.8	44.06
3.629	12.99	50.28	0.84	8.89	59.56	1.72	44.07
3.65	13.0	50.27	0.88	8.89	58.93	1.71	44.06
3.667	13.0	50.28	0.88	8.89	58.51	1.66	44.06
3.687	13.0	50.28	0.88	8.89	58.92	1.63	44.06
3.712	13.0	50.28	0.8	8.89	59.23	1.69	44.06
3.736	13.0	50.29	0.84	8.9	59.45	1.63	44.07
3.748	13.01	50.29	0.8	8.9	59.16	1.57	44.07
3.753	13.01	50.29	0.8	8.89	58.71	1.66	44.06
3.77	13.01	50.3	0.92	8.88	58.43	1.63	44.07
3.808	13.02	50.31	0.84	8.87	58.45	1.6	44.08
3.849	13.02	50.33	0.92	8.87	58.41	1.61	44.09
3.875	13.03	50.33	0.72	8.86	58.54	1.61	44.08
3.877	13.04	50.33	0.92	8.86	58.36	1.62	44.07
3.884	13.04	50.32	0.69	8.86	57.91	1.6	44.06
3.909	13.03	50.32	0.72	8.87	57.71	1.63	44.06
3.947	13.03	50.33	0.84	8.87	57.77	1.69	44.07
3.984	13.03	50.33	0.92	8.87	57.7	1.69	44.08
4.007	13.04	50.35	0.88	8.87	57.69	1.53	44.09
4.018	13.04	50.37	0.88	8.87	57.58	1.62	44.1
4.027	13.05	50.36	0.84	8.87	57.59	1.59	44.08
4.042	13.06	50.37	0.84	8.87	57.27	1.56	44.08
4.065	13.06	50.36	0.95	8.87	57.22	1.56	44.07
4.089	13.06	50.35	0.76	8.87	57.42	1.57	44.07
4.113	13.05	50.36	0.84	8.87	57.26	1.62	44.07
4.137	13.05	50.37	0.76	8.87	57.17	1.56	44.09
4.162	13.06	50.38	0.84	8.87	56.93	1.53	44.1
4.184	13.06	50.38	0.88	8.86	56.78	1.55	44.09
4.2	13.07	50.39	0.84	8.86	56.8	1.56	44.09
4.212	13.07	50.39	0.8	8.87	56.85	1.56	44.09
4.228	13.07	50.39	0.95	8.87	56.74	1.56	44.09
4.253	13.07	50.4	0.84	8.87	56.46	1.56	44.09
4.281	13.08	50.41	0.84	8.87	56.36	1.61	44.1
4.303	13.08	50.46	0.95	8.87	56.31	1.56	44.15
4.322	13.1	50.47	0.88	8.87	56.48	1.55	44.14
4.338	13.12	50.5	0.92	8.87	56.57	1.53	44.15
4.36	13.13	50.53	0.99	8.87	56.04	1.53	44.15
4.384	13.15	50.57	0.8	8.87	55.65	1.59	44.17
4.403	13.17	50.69	0.92	8.86	55.73	1.54	44.27
4.418	13.22	50.81	0.88	8.86	55.97	1.59	44.34
4.435	13.28	50.91	0.95	8.86	55.96	1.59	44.36
4.459	13.34	50.96	0.95	8.87	55.6	1.59	44.34
4.482	13.38	51.03	0.92	8.87	55.32	1.48	44.35
4.5	13.43	51.1	1.03	8.87	55.02	1.4	44.38
4.515	13.47	51.14	1.03	8.86	55.11	1.2	44.36
4.534	13.5	51.12	0.8	8.85	55.18	1.02	44.31
4.562	13.52	51.12	0.95	8.83	55.36	0.94	44.28
4.59	13.52	51.16	0.84	8.8	55.32	1.07	44.32

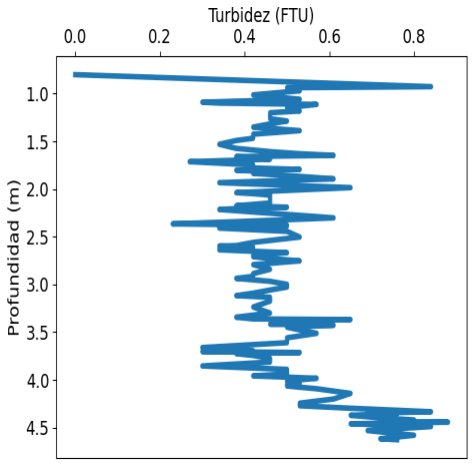
4.606	13.53	51.19	0.88	8.77	55.02	1.01	44.34
4.613	13.55	51.21	0.8	8.74	54.64	0.97	44.33
4.624	13.57	51.21	0.88	8.7	54.44	0.98	44.31
4.645	13.57	51.2	0.8	8.67	54.3	0.98	44.3
4.674	13.57	51.22	0.84	8.65	54.35	0.98	44.32
4.706	13.58	51.23	0.99	8.64	54.39	0.96	44.32
4.735	13.58	51.22	0.8	8.63	54.35	0.98	44.31
4.752	13.58	51.23	0.88	8.62	54.28	0.96	44.31
4.754	13.59	51.23	0.95	8.61	53.74	0.98	44.31
4.765	13.59	51.24	0.95	8.61	53.62	0.98	44.31
4.798	13.59	51.24	0.92	8.61	53.62	0.94	44.31
4.843	13.59	51.25	0.99	8.6	53.49	0.98	44.33
4.88	13.6	51.25	0.95	8.6	53.33	0.96	44.32
4.895	13.6	51.25	0.88	8.61	53.2	0.95	44.31
4.897	13.6	51.25	0.99	8.62	53.03	0.95	44.31
4.911	13.6	51.25	0.84	8.63	52.84	0.95	44.31
4.937	13.6	51.25	0.84	8.63	52.72	0.95	44.32
4.971	13.6	51.26	0.76	8.63	52.55	0.94	44.32
5.005	13.61	51.26	0.84	8.62	52.41	0.96	44.32
5.028	13.61	51.26	0.95	8.62	52.38	0.95	44.32
5.036	13.61	51.26	0.84	8.62	52.2	0.99	44.32
5.042	13.61	51.26	0.76	8.62	52.17	0.94	44.31
5.057	13.61	51.26	0.84	8.62	52.0	0.92	44.31
5.081	13.61	51.26	0.88	8.62	51.88	0.97	44.31
5.11	13.61	51.25	0.88	8.63	51.83	0.95	44.31
5.135	13.61	51.25	0.92	8.63	51.68	0.96	44.31
5.151	13.6	51.25	0.95	8.64	51.62	0.94	44.31
5.163	13.6	51.26	0.76	8.64	51.66	0.97	44.32
5.178	13.61	51.26	0.92	8.64	51.55	0.95	44.32
5.201	13.61	51.26	0.8	8.65	51.33	0.93	44.32
5.229	13.61	51.26	0.92	8.65	51.17	1.0	44.31
5.249	13.61	51.26	0.88	8.66	51.14	1.03	44.32
5.26	13.61	51.26	0.88	8.65	51.14	1.0	44.32
5.271	13.61	51.26	0.72	8.65	50.98	0.95	44.32
5.291	13.61	51.26	0.69	8.65	50.79	0.97	44.32
5.32	13.61	51.27	0.92	8.65	50.74	0.99	44.32
5.349	13.61	51.27	0.88	8.65	50.56	0.98	44.32
5.368	13.61	51.27	0.65	8.65	50.41	0.98	44.32
5.382	13.62	51.27	0.8	8.65	50.41	0.97	44.32
5.393	13.61	51.27	0.69	8.65	50.29	0.95	44.32
5.408	13.62	51.27	0.76	8.64	50.15	0.96	44.32
5.43	13.62	51.27	0.76	8.63	49.99	0.97	44.32
5.453	13.62	51.27	0.72	8.62	49.72	1.05	44.32
5.466	13.62	51.27	0.88	8.61	49.46	1.13	44.32
5.471	13.62	51.26	0.8	8.61	49.52	1.13	44.31
5.475	13.61	51.25	0.84	8.61	49.7	1.15	44.3
5.476	13.61	51.23	0.72	8.62	50.0	1.2	44.29

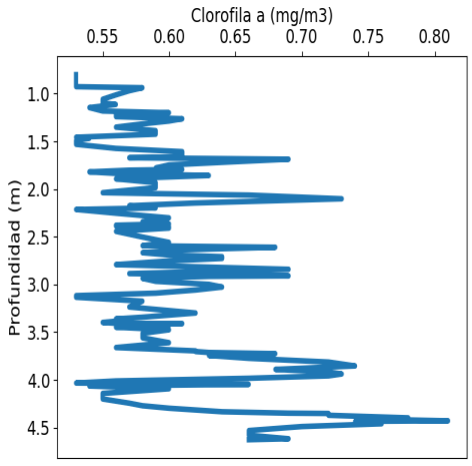
Nombre: CTD E05 - Punto 007 **Fecha: 17/12/2024** **Hora: 09:12:24**

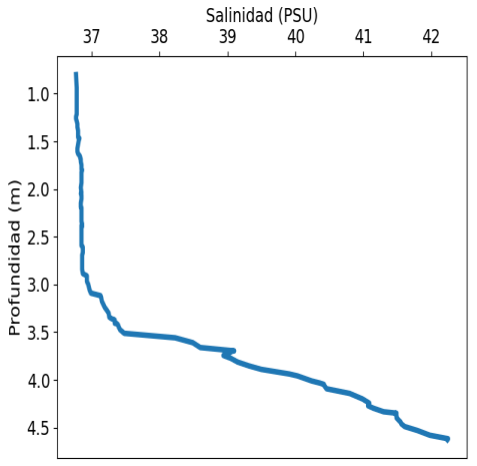


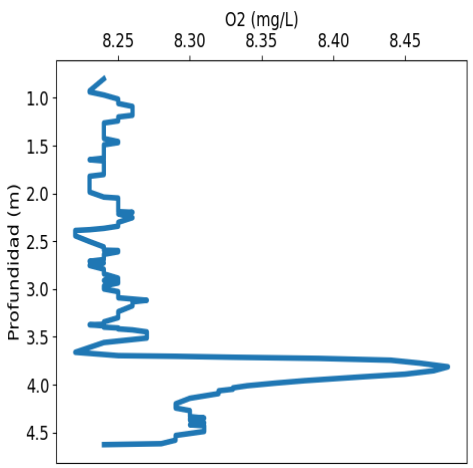


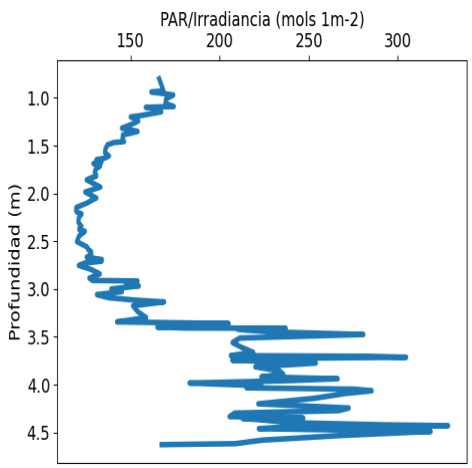












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	14.09	45.42	0.0	8.22	119.44	0.53	36.77
PROF (metros)	4.627	2.597	0.801	2.387	2.175	0.801	0.801
MÁXIMO	15.7	15.7	0.88	8.48	328.18	0.81	42.25
PROF (metros)	0.801	4.617	4.443	3.813	4.429	4.429	4.617

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.69	45.58	0.62	8.24	168.07	0.56	36.78
1 - 2m	15.62	45.53	0.45	8.24	142.98	0.58	36.81
2 - 3m	15.47	45.44	0.43	8.24	127.46	0.6	36.87
3 - 4m	15.11	46.4	0.47	8.3	203.59	0.61	38.1
4 - 5m	14.41	49.04	0.68	8.3	245.84	0.66	41.27

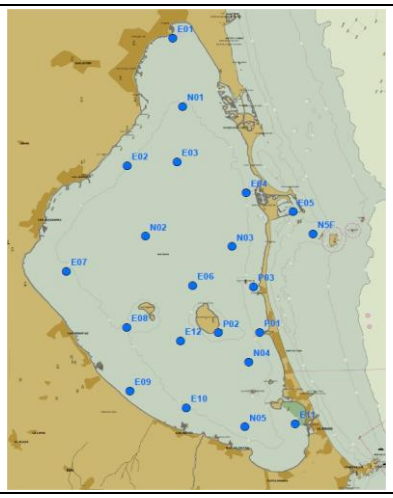
OBSERVACIONES GENERALES

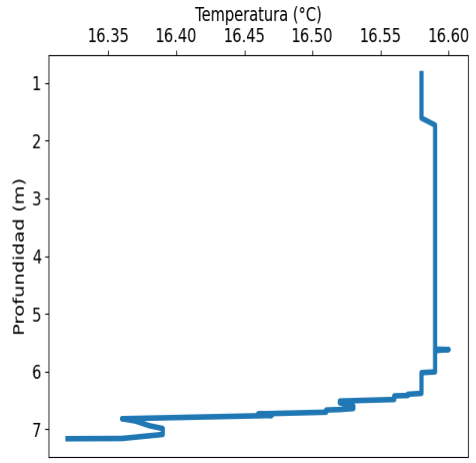
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.801	15.7	45.57	0.0	8.24	166.1	0.53	36.77
0.927	15.69	45.58	0.84	8.23	168.51	0.53	36.78
0.938	15.69	45.58	0.5	8.23	161.66	0.58	36.78
0.97	15.7	45.58	0.53	8.24	174.03	0.57	36.78
1.013	15.7	45.58	0.42	8.25	169.88	0.56	36.78
1.059	15.7	45.58	0.53	8.25	169.64	0.55	36.78
1.09	15.7	45.58	0.3	8.26	174.31	0.55	36.78
1.099	15.69	45.58	0.34	8.26	158.54	0.55	36.78
1.113	15.69	45.58	0.57	8.26	165.41	0.56	36.78
1.146	15.69	45.58	0.5	8.26	167.26	0.54	36.78
1.182	15.69	45.58	0.53	8.26	156.93	0.55	36.78
1.2	15.7	45.58	0.46	8.25	150.1	0.6	36.78
1.217	15.7	45.57	0.46	8.25	153.3	0.56	36.78
1.241	15.69	45.57	0.46	8.25	154.41	0.56	36.77
1.263	15.69	45.56	0.46	8.24	152.14	0.61	36.77
1.287	15.67	45.56	0.5	8.24	149.34	0.6	36.78
1.317	15.67	45.56	0.46	8.24	145.18	0.58	36.79
1.351	15.66	45.55	0.42	8.24	154.02	0.56	36.79
1.388	15.66	45.55	0.53	8.24	145.72	0.59	36.8
1.425	15.65	45.55	0.42	8.24	145.55	0.59	36.8
1.457	15.65	45.55	0.42	8.25	146.43	0.53	36.8
1.468	15.63	45.55	0.42	8.25	140.61	0.54	36.82
1.491	15.64	45.55	0.38	8.24	137.07	0.53	36.81
1.531	15.64	45.54	0.34	8.24	135.99	0.53	36.8
1.574	15.63	45.52	0.38	8.24	135.71	0.56	36.79
1.608	15.62	45.51	0.46	8.24	137.96	0.61	36.79
1.63	15.59	45.5	0.53	8.24	135.52	0.61	36.8
1.647	15.57	45.49	0.61	8.23	130.86	0.61	36.82
1.66	15.56	45.49	0.38	8.24	133.31	0.61	36.83
1.672	15.55	45.48	0.42	8.24	133.74	0.57	36.83
1.687	15.54	45.48	0.46	8.24	129.17	0.69	36.84
1.713	15.53	45.48	0.27	8.24	132.97	0.65	36.84
1.747	15.53	45.48	0.42	8.24	130.46	0.6	36.85
1.779	15.53	45.48	0.42	8.24	129.95	0.59	36.85
1.794	15.52	45.48	0.53	8.24	130.22	0.61	36.85
1.802	15.52	45.48	0.38	8.24	130.65	0.57	36.86
1.82	15.52	45.48	0.46	8.23	130.8	0.54	36.85

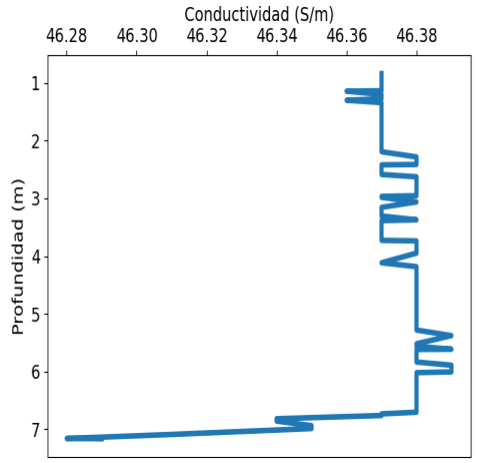
1.836	15.53	45.48	0.42	8.23	127.92	0.56	36.85
1.858	15.53	45.48	0.5	8.23	125.37	0.63	36.85
1.893	15.53	45.48	0.61	8.23	128.93	0.56	36.85
1.933	15.53	45.48	0.34	8.23	133.12	0.59	36.85
1.985	15.53	45.48	0.65	8.23	124.58	0.59	36.84
2.038	15.53	45.48	0.38	8.24	129.89	0.55	36.85
2.048	15.51	45.46	0.42	8.25	130.86	0.59	36.84
2.063	15.51	45.46	0.46	8.25	129.17	0.66	36.85
2.102	15.51	45.46	0.46	8.25	125.34	0.73	36.85
2.146	15.51	45.46	0.46	8.25	119.6	0.62	36.84
2.175	15.5	45.45	0.38	8.25	119.44	0.57	36.84
2.19	15.5	45.44	0.5	8.25	119.69	0.58	36.84
2.197	15.49	45.44	0.42	8.26	120.41	0.59	36.85
2.214	15.49	45.44	0.34	8.25	122.61	0.53	36.85
2.253	15.49	45.44	0.46	8.26	121.05	0.56	36.85
2.302	15.48	45.44	0.61	8.25	120.75	0.6	36.85
2.342	15.48	45.44	0.38	8.25	122.47	0.58	36.85
2.365	15.48	45.44	0.23	8.24	121.28	0.6	36.86
2.379	15.48	45.44	0.5	8.23	121.31	0.56	36.85
2.387	15.49	45.45	0.5	8.22	122.81	0.56	36.86
2.39	15.49	45.45	0.46	8.22	122.38	0.57	36.86
2.395	15.49	45.44	0.34	8.22	124.44	0.6	36.85
2.409	15.49	45.44	0.34	8.22	123.63	0.6	36.85
2.443	15.49	45.44	0.5	8.22	121.22	0.56	36.85
2.503	15.48	45.43	0.53	8.23	119.91	0.58	36.85
2.559	15.48	45.43	0.42	8.24	125.54	0.6	36.85
2.593	15.47	45.43	0.38	8.24	126.59	0.58	36.85
2.597	15.45	45.42	0.34	8.25	127.24	0.6	36.86
2.61	15.45	45.42	0.42	8.25	127.92	0.68	36.87
2.637	15.45	45.42	0.34	8.24	128.01	0.61	36.87
2.667	15.45	45.42	0.5	8.24	125.39	0.58	36.87
2.691	15.45	45.42	0.42	8.24	133.99	0.6	36.86
2.709	15.45	45.42	0.42	8.23	133.8	0.64	36.86
2.727	15.45	45.42	0.46	8.24	124.44	0.64	36.86
2.753	15.45	45.42	0.53	8.23	120.97	0.6	36.86
2.792	15.45	45.42	0.42	8.24	127.56	0.56	36.86
2.841	15.45	45.42	0.46	8.24	132.81	0.69	36.86
2.886	15.45	45.42	0.42	8.25	126.89	0.57	36.87
2.91	15.41	45.45	0.42	8.24	128.75	0.69	36.93
2.915	15.39	45.43	0.42	8.25	153.94	0.63	36.93
2.936	15.39	45.43	0.38	8.25	147.35	0.58	36.93
2.967	15.39	45.44	0.46	8.24	154.73	0.59	36.93
2.999	15.39	45.45	0.5	8.24	139.18	0.63	36.95
3.027	15.38	45.45	0.5	8.25	145.24	0.64	36.96
3.058	15.38	45.45	0.46	8.25	131.13	0.62	36.97
3.091	15.37	45.47	0.42	8.25	137.99	0.59	36.99
3.117	15.29	45.55	0.38	8.27	153.45	0.53	37.13
3.134	15.28	45.54	0.46	8.26	168.9	0.53	37.14
3.175	15.27	45.55	0.46	8.26	151.36	0.58	37.15
3.236	15.27	45.59	0.42	8.25	154.09	0.57	37.19
3.299	15.25	45.64	0.46	8.25	158.8	0.62	37.25
3.343	15.23	45.63	0.38	8.24	142.41	0.58	37.26
3.361	15.22	45.66	0.42	8.24	205.11	0.56	37.3
3.368	15.21	45.68	0.65	8.24	180.52	0.57	37.33
3.373	15.2	45.67	0.5	8.23	169.72	0.56	37.34
3.385	15.19	45.66	0.53	8.24	181.1	0.56	37.34
3.398	15.19	45.66	0.53	8.24	165.03	0.55	37.34
3.407	15.19	45.67	0.5	8.25	181.27	0.56	37.34

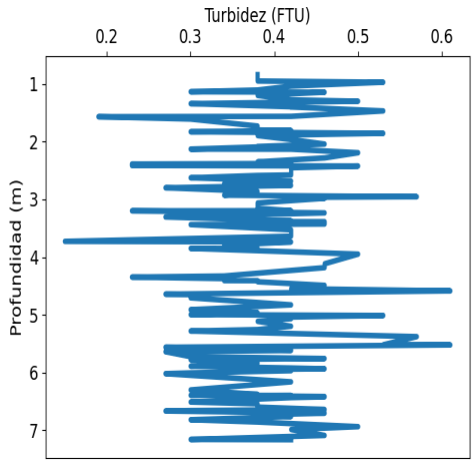
3.41	15.19	45.7	0.53	8.25	237.13	0.61	37.37
3.416	15.19	45.71	0.46	8.25	209.92	0.59	37.38
3.427	15.18	45.71	0.61	8.26	213.5	0.6	37.39
3.448	15.18	45.72	0.5	8.27	229.46	0.56	37.4
3.475	15.18	45.75	0.53	8.27	280.65	0.6	37.42
3.512	15.18	45.81	0.57	8.27	211.28	0.58	37.48
3.559	15.18	46.62	0.5	8.24	207.21	0.58	38.23
3.61	15.13	46.85	0.5	8.23	212.36	0.6	38.49
3.661	15.07	46.91	0.3	8.22	218.86	0.56	38.6
3.696	14.92	47.29	0.42	8.25	206.25	0.62	39.1
3.703	14.93	47.24	0.3	8.29	283.46	0.62	39.05
3.713	14.94	47.24	0.53	8.33	304.65	0.63	39.04
3.725	14.94	47.17	0.38	8.39	231.16	0.68	38.97
3.744	14.95	47.15	0.42	8.44	207.06	0.63	38.94
3.774	14.96	47.27	0.46	8.46	253.97	0.66	39.05
3.813	14.95	47.38	0.46	8.48	219.98	0.72	39.15
3.854	14.93	47.54	0.3	8.47	233.42	0.74	39.32
3.89	14.9	47.7	0.5	8.45	235.71	0.68	39.5
3.918	14.86	47.92	0.5	8.42	223.37	0.72	39.74
3.938	14.82	48.05	0.5	8.4	266.27	0.73	39.91
3.958	14.77	48.12	0.42	8.38	237.79	0.72	40.03
3.983	14.74	48.19	0.57	8.36	183.09	0.66	40.13
4.011	14.71	48.28	0.5	8.34	223.47	0.56	40.24
4.033	14.69	48.37	0.53	8.33	215.04	0.53	40.36
4.047	14.61	48.36	0.5	8.33	275.75	0.66	40.42
4.064	14.62	48.38	0.5	8.32	285.31	0.54	40.43
4.093	14.62	48.41	0.57	8.32	270.0	0.6	40.46
4.142	14.61	48.76	0.65	8.3	253.33	0.55	40.8
4.2	14.56	48.91	0.61	8.29	221.67	0.55	40.99
4.244	14.51	48.96	0.53	8.29	272.45	0.57	41.09
4.271	14.47	48.89	0.53	8.3	266.89	0.58	41.07
4.297	14.46	48.96	0.65	8.3	208.46	0.6	41.15
4.334	14.44	49.1	0.84	8.3	205.53	0.64	41.3
4.349	14.34	49.18	0.69	8.31	246.95	0.69	41.49
4.352	14.33	49.15	0.76	8.3	212.76	0.72	41.47
4.371	14.34	49.18	0.65	8.3	225.19	0.72	41.49
4.398	14.33	49.17	0.72	8.31	241.46	0.78	41.49
4.42	14.33	49.2	0.8	8.3	292.0	0.78	41.52
4.429	14.32	49.21	0.8	8.31	328.18	0.81	41.53
4.435	14.32	49.22	0.72	8.31	257.29	0.74	41.54
4.443	14.31	49.22	0.88	8.31	235.54	0.76	41.55
4.46	14.31	49.22	0.65	8.31	221.92	0.76	41.56
4.489	14.31	49.28	0.84	8.31	318.44	0.7	41.61
4.531	14.29	49.46	0.69	8.29	268.38	0.66	41.8
4.58	14.23	49.58	0.8	8.29	223.83	0.66	41.98
4.617	14.17	49.79	0.72	8.28	208.65	0.69	42.25
4.627	14.09	49.69	0.76	8.24	167.46	0.66	42.24

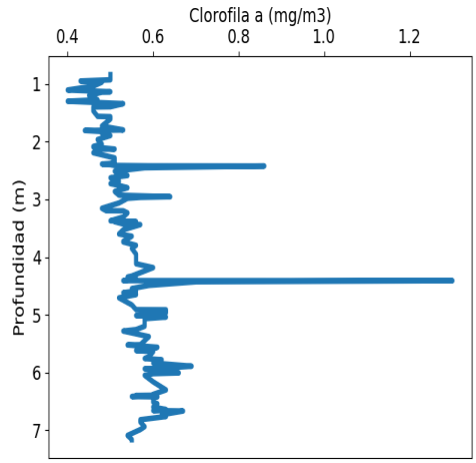
Nombre: CTD N5F - Punto 008 **Fecha: 17/12/2024** **Hora: 09:12:52**

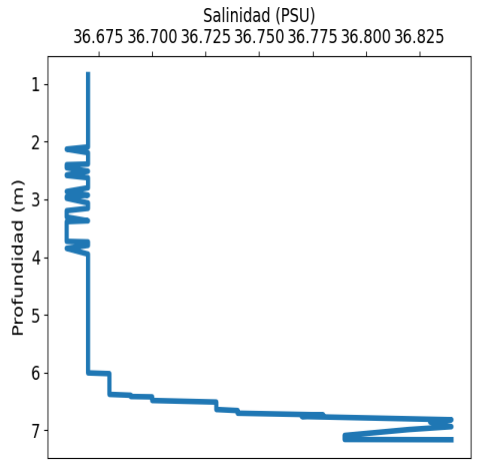


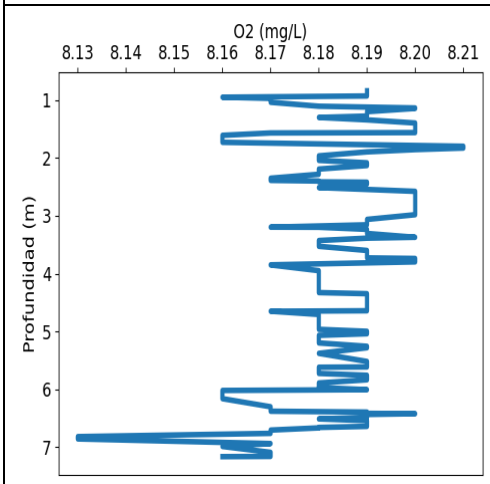


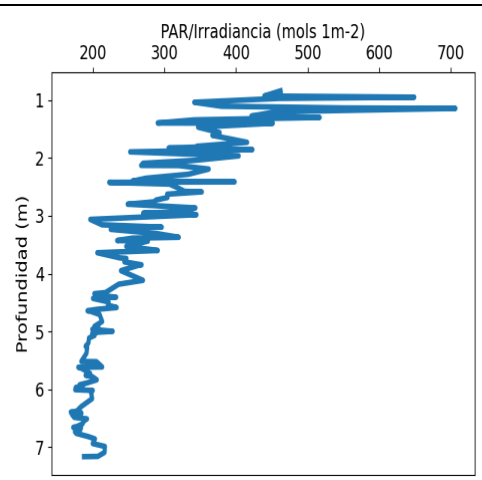


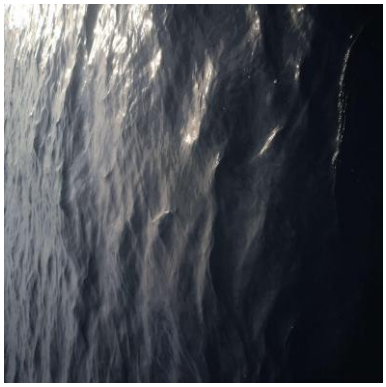












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	16.32	46.28	0.15	8.13	169.33	0.4	36.66
PROF (metros)	7.163	7.159	3.728	6.817	6.393	1.107	2.13
MÁXIMO	16.6	16.6	0.61	8.21	706.47	1.3	36.84
PROF (metros)	5.618	5.378	4.586	1.799	1.145	4.409	6.817

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	16.58	46.37	0.42	8.18	502.72	0.48	36.67
1 - 2m	16.58	46.37	0.39	8.19	401.46	0.47	36.67
2 - 3m	16.59	46.38	0.39	8.19	303.33	0.53	36.67
3 - 4m	16.59	46.37	0.38	8.19	252.5	0.53	36.66
4 - 5m	16.59	46.38	0.37	8.19	215.34	0.61	36.67
5 - 6m	16.59	46.38	0.41	8.18	193.94	0.59	36.67
6 - 7m	16.52	46.37	0.37	8.18	185.32	0.6	36.73
7 - 8m	16.36	46.29	0.39	8.17	203.92	0.55	36.8

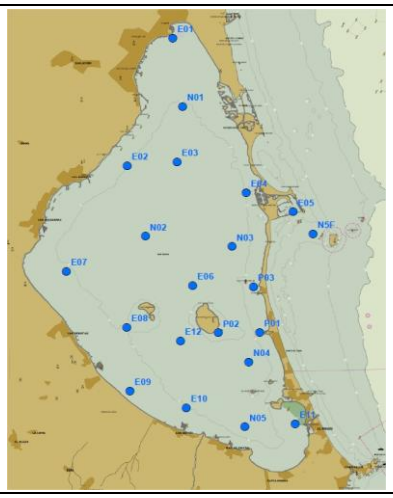
OBSERVACIONES GENERALES

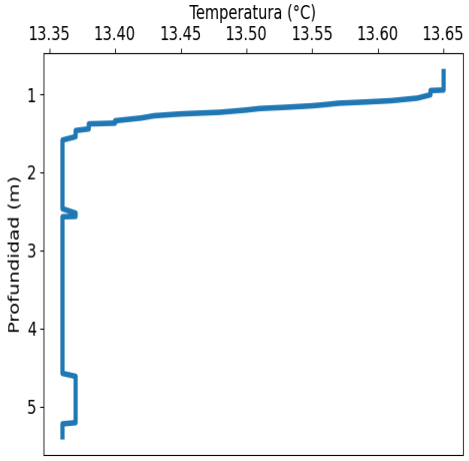
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.841	16.58	46.37	0.38	8.19	462.37	0.5	36.67
0.93	16.58	46.37	0.38	8.19	439.59	0.5	36.67
0.951	16.58	46.37	0.38	8.16	649.01	0.43	36.67
0.972	16.58	46.37	0.53	8.17	459.91	0.48	36.67
1.039	16.58	46.37	0.42	8.17	341.77	0.46	36.67
1.107	16.58	46.37	0.38	8.18	380.04	0.4	36.67
1.137	16.58	46.37	0.3	8.2	550.03	0.5	36.67
1.145	16.58	46.36	0.46	8.2	706.47	0.48	36.67
1.201	16.58	46.37	0.38	8.19	457.25	0.45	36.67
1.277	16.58	46.37	0.42	8.19	421.63	0.47	36.67
1.301	16.58	46.36	0.5	8.18	517.02	0.4	36.67
1.343	16.58	46.37	0.3	8.19	341.85	0.53	36.67
1.397	16.58	46.37	0.42	8.2	290.72	0.5	36.67
1.401	16.58	46.37	0.42	8.2	451.57	0.46	36.67
1.469	16.58	46.37	0.53	8.2	347.12	0.46	36.67
1.563	16.58	46.37	0.42	8.2	377.32	0.47	36.67
1.569	16.58	46.37	0.19	8.17	377.32	0.5	36.67
1.61	16.58	46.37	0.3	8.16	367.06	0.5	36.67
1.731	16.59	46.37	0.38	8.16	415.71	0.48	36.67
1.799	16.59	46.37	0.38	8.21	345.67	0.53	36.67
1.808	16.59	46.37	0.42	8.21	356.91	0.44	36.67
1.83	16.59	46.37	0.3	8.21	305.93	0.49	36.67
1.857	16.59	46.37	0.53	8.2	423.09	0.48	36.67
1.896	16.59	46.37	0.38	8.19	252.33	0.5	36.67
1.965	16.59	46.37	0.42	8.18	403.93	0.47	36.67
2.043	16.59	46.37	0.46	8.18	341.93	0.48	36.67
2.085	16.59	46.37	0.38	8.19	280.07	0.46	36.67
2.093	16.59	46.37	0.38	8.19	270.44	0.46	36.67
2.13	16.59	46.37	0.3	8.19	267.63	0.51	36.66
2.132	16.59	46.37	0.42	8.19	319.77	0.47	36.66
2.193	16.59	46.37	0.5	8.18	362.07	0.46	36.67
2.283	16.59	46.38	0.46	8.18	333.47	0.51	36.67
2.351	16.59	46.38	0.38	8.17	274.6	0.51	36.67
2.379	16.59	46.38	0.42	8.17	263.87	0.5	36.67

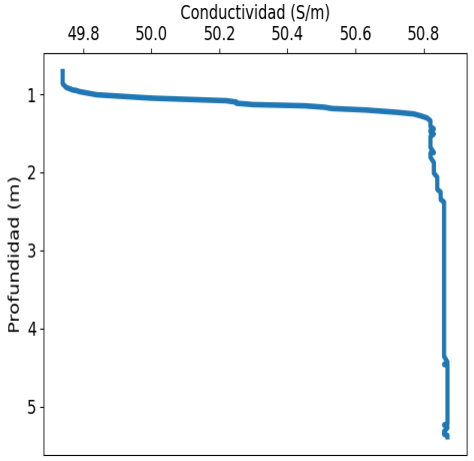
2.389	16.59	46.38	0.23	8.17	261.07	0.48	36.67
2.4	16.59	46.38	0.3	8.18	255.57	0.5	36.66
2.414	16.59	46.38	0.23	8.18	398.35	0.51	36.66
2.42	16.59	46.37	0.38	8.19	286.1	0.59	36.66
2.423	16.59	46.37	0.5	8.19	223.06	0.86	36.66
2.453	16.59	46.37	0.42	8.19	307.28	0.58	36.66
2.513	16.59	46.37	0.42	8.18	317.92	0.51	36.67
2.578	16.59	46.37	0.42	8.2	328.41	0.52	36.66
2.587	16.59	46.37	0.38	8.2	352.47	0.54	36.66
2.627	16.59	46.38	0.3	8.2	303.95	0.5	36.67
2.684	16.59	46.38	0.42	8.2	304.58	0.52	36.67
2.728	16.59	46.38	0.34	8.2	288.57	0.5	36.67
2.759	16.59	46.38	0.42	8.2	285.51	0.52	36.67
2.8	16.59	46.38	0.27	8.2	248.84	0.54	36.67
2.864	16.59	46.38	0.38	8.2	343.59	0.51	36.66
2.928	16.59	46.38	0.34	8.2	325.3	0.52	36.67
2.955	16.59	46.38	0.57	8.2	270.44	0.64	36.66
2.966	16.59	46.37	0.42	8.2	333.24	0.57	36.66
2.982	16.59	46.37	0.46	8.2	345.03	0.54	36.66
3.063	16.59	46.38	0.38	8.19	196.63	0.52	36.67
3.156	16.59	46.37	0.38	8.19	213.0	0.48	36.67
3.197	16.59	46.37	0.42	8.17	296.57	0.49	36.66
3.199	16.59	46.37	0.23	8.18	232.67	0.53	36.66
3.235	16.59	46.37	0.46	8.19	225.14	0.54	36.66
3.306	16.59	46.37	0.27	8.19	288.7	0.53	36.66
3.372	16.59	46.38	0.42	8.2	320.29	0.5	36.67
3.386	16.59	46.37	0.38	8.19	263.2	0.56	36.66
3.387	16.59	46.37	0.46	8.19	255.21	0.51	36.66
3.428	16.59	46.37	0.46	8.18	234.18	0.53	36.66
3.438	16.59	46.37	0.3	8.18	277.23	0.57	36.66
3.528	16.59	46.37	0.42	8.18	246.83	0.53	36.66
3.6	16.59	46.37	0.42	8.19	290.99	0.52	36.66
3.639	16.59	46.37	0.42	8.19	206.44	0.55	36.66
3.728	16.59	46.37	0.15	8.19	237.96	0.53	36.66
3.738	16.59	46.38	0.42	8.2	247.23	0.53	36.67
3.797	16.59	46.38	0.34	8.2	244.22	0.56	36.67
3.848	16.59	46.38	0.38	8.17	268.38	0.55	36.66
3.85	16.59	46.38	0.3	8.17	265.59	0.55	36.66
3.949	16.59	46.38	0.5	8.18	239.45	0.56	36.67
4.116	16.59	46.37	0.46	8.18	270.31	0.56	36.67
4.183	16.59	46.38	0.46	8.18	236.36	0.6	36.67
4.328	16.59	46.38	0.34	8.18	217.85	0.55	36.67
4.347	16.59	46.38	0.23	8.19	202.37	0.54	36.67
4.373	16.59	46.38	0.34	8.19	205.68	0.56	36.67
4.408	16.59	46.38	0.34	8.19	232.94	0.53	36.67
4.409	16.59	46.38	0.38	8.19	207.55	1.3	36.67
4.428	16.59	46.38	0.38	8.19	200.41	0.7	36.67
4.49	16.59	46.38	0.46	8.19	222.39	0.59	36.67
4.546	16.59	46.38	0.42	8.19	221.31	0.55	36.67
4.586	16.59	46.38	0.61	8.19	233.64	0.56	36.67
4.618	16.59	46.38	0.42	8.19	205.53	0.53	36.67
4.642	16.59	46.38	0.27	8.19	192.8	0.56	36.67
4.65	16.59	46.38	0.3	8.17	196.77	0.56	36.67
4.706	16.59	46.38	0.3	8.18	209.67	0.52	36.67
4.828	16.59	46.38	0.42	8.18	213.35	0.55	36.67
4.911	16.59	46.38	0.3	8.18	202.46	0.56	36.67
4.913	16.59	46.38	0.3	8.18	208.03	0.63	36.67
4.963	16.59	46.38	0.38	8.18	199.39	0.63	36.67

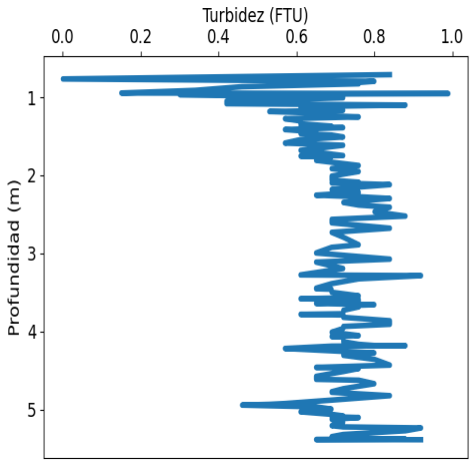
4.997	16.59	46.38	0.3	8.19	228.02	0.59	36.67
5.012	16.59	46.38	0.53	8.19	207.83	0.56	36.67
5.039	16.59	46.38	0.42	8.19	199.2	0.63	36.67
5.067	16.59	46.38	0.42	8.18	202.84	0.58	36.67
5.113	16.59	46.38	0.38	8.18	194.91	0.58	36.67
5.198	16.59	46.38	0.42	8.18	194.1	0.58	36.67
5.256	16.59	46.38	0.38	8.19	190.18	0.56	36.67
5.281	16.59	46.38	0.3	8.19	192.4	0.53	36.67
5.378	16.59	46.39	0.57	8.18	191.37	0.59	36.67
5.518	16.59	46.38	0.53	8.19	184.15	0.57	36.67
5.522	16.59	46.38	0.61	8.19	205.39	0.54	36.67
5.562	16.59	46.38	0.27	8.19	208.99	0.61	36.67
5.613	16.59	46.39	0.42	8.19	213.35	0.59	36.67
5.618	16.6	46.38	0.42	8.18	179.89	0.56	36.67
5.639	16.59	46.38	0.27	8.18	184.92	0.6	36.67
5.725	16.59	46.38	0.3	8.18	196.54	0.59	36.67
5.757	16.59	46.38	0.46	8.19	190.14	0.58	36.67
5.778	16.59	46.38	0.3	8.19	199.2	0.62	36.67
5.835	16.59	46.38	0.38	8.19	205.77	0.6	36.67
5.89	16.59	46.39	0.3	8.18	191.77	0.69	36.67
5.921	16.59	46.39	0.42	8.18	181.82	0.63	36.67
5.935	16.59	46.39	0.46	8.18	183.26	0.58	36.67
5.941	16.59	46.39	0.42	8.18	186.3	0.6	36.67
5.968	16.59	46.39	0.42	8.18	176.38	0.61	36.67
6.006	16.59	46.39	0.3	8.19	175.61	0.66	36.67
6.019	16.58	46.38	0.27	8.16	200.22	0.6	36.68
6.048	16.58	46.38	0.3	8.16	197.73	0.58	36.68
6.161	16.58	46.38	0.42	8.16	199.3	0.6	36.68
6.301	16.58	46.38	0.3	8.17	183.77	0.63	36.68
6.378	16.58	46.38	0.38	8.17	177.65	0.6	36.68
6.393	16.57	46.38	0.3	8.19	169.33	0.6	36.69
6.397	16.57	46.38	0.42	8.19	170.63	0.56	36.69
6.405	16.57	46.38	0.34	8.19	184.06	0.57	36.69
6.409	16.57	46.38	0.42	8.19	184.28	0.56	36.69
6.415	16.57	46.38	0.46	8.19	184.41	0.55	36.69
6.421	16.56	46.38	0.46	8.2	180.64	0.61	36.7
6.434	16.56	46.38	0.42	8.19	171.07	0.6	36.7
6.484	16.56	46.38	0.34	8.19	174.39	0.6	36.7
6.511	16.52	46.38	0.3	8.18	192.22	0.6	36.73
6.541	16.52	46.38	0.38	8.19	188.25	0.61	36.73
6.598	16.53	46.38	0.38	8.19	185.69	0.6	36.73
6.64	16.53	46.38	0.46	8.19	178.39	0.63	36.73
6.658	16.52	46.38	0.3	8.18	172.82	0.6	36.74
6.666	16.51	46.38	0.27	8.18	183.81	0.67	36.74
6.704	16.51	46.38	0.46	8.17	182.54	0.64	36.74
6.733	16.46	46.37	0.38	8.17	175.16	0.62	36.78
6.761	16.47	46.37	0.42	8.17	177.16	0.63	36.77
6.817	16.36	46.34	0.3	8.13	194.1	0.57	36.84
6.857	16.37	46.34	0.38	8.13	203.26	0.57	36.83
6.937	16.38	46.35	0.5	8.17	200.04	0.58	36.84
6.987	16.39	46.35	0.42	8.16	217.14	0.57	36.82
7.089	16.39	46.31	0.46	8.17	216.64	0.54	36.79
7.159	16.36	46.28	0.3	8.17	207.21	0.55	36.79
7.163	16.32	46.29	0.42	8.16	187.9	0.55	36.84

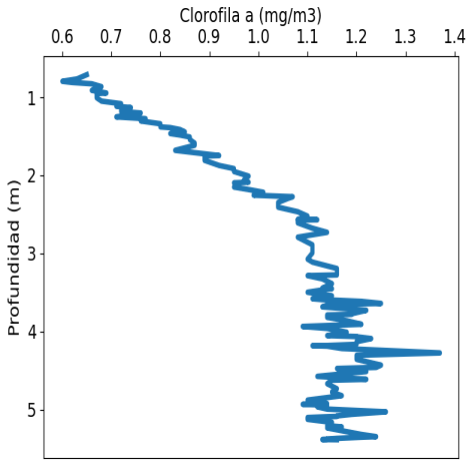
Nombre: CTD E04 - Punto 009 **Fecha: 17/12/2024** **Hora: 10:12:57**

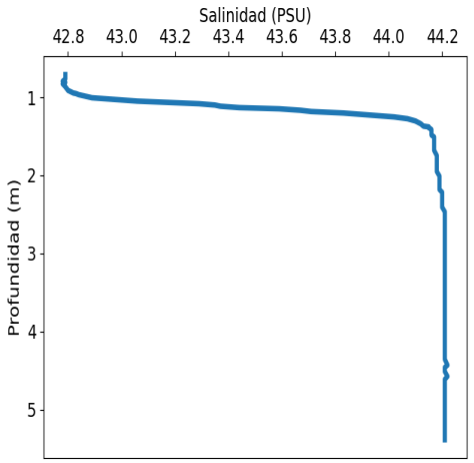


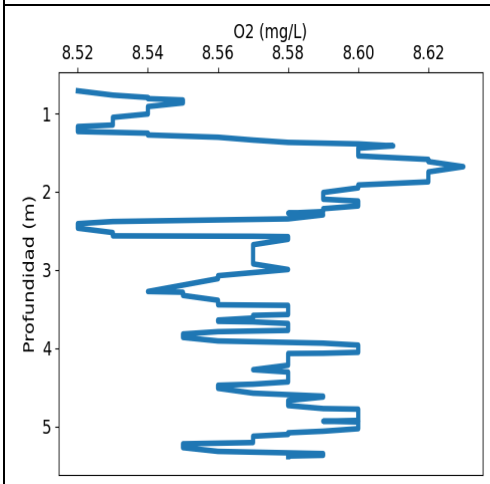


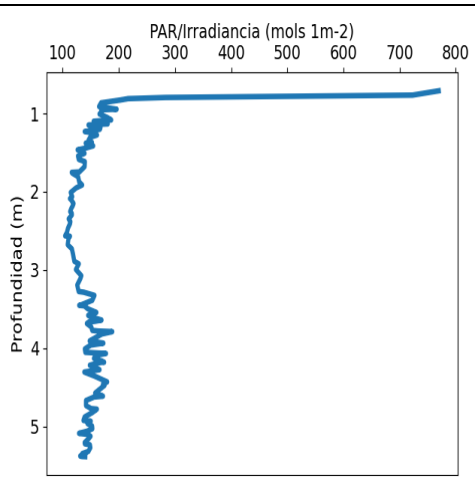












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.36	49.74	0.0	8.52	104.24	0.6	42.78
PROF (metros)	1.587	0.711	0.766	0.711	2.564	0.796	0.796
MÁXIMO	13.65	13.65	0.99	8.63	769.73	1.37	44.22
PROF (metros)	0.711	4.43	0.953	1.68	0.711	4.274	4.43

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.65	49.75	0.6	8.54	260.1	0.66	42.8
1 - 2m	13.44	50.66	0.65	8.58	146.08	0.81	43.93
2 - 3m	13.36	50.85	0.74	8.57	114.65	1.05	44.2
3 - 4m	13.36	50.86	0.73	8.57	149.66	1.15	44.21
4 - 5m	13.36	50.87	0.71	8.58	156.73	1.17	44.21
5 - 6m	13.37	50.87	0.75	8.58	140.0	1.16	44.21

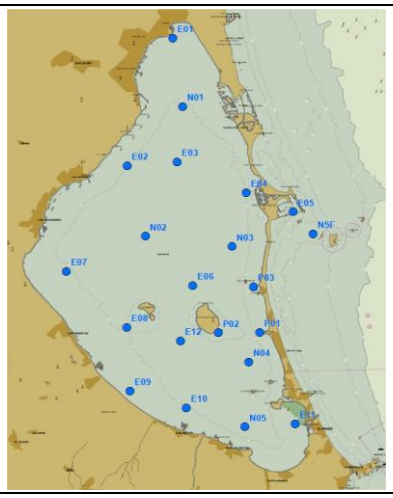
OBSERVACIONES GENERALES

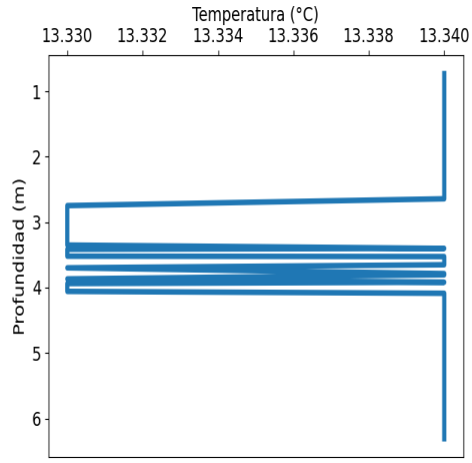
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	13.65	49.74	0.84	8.52	769.73	0.65	42.79
0.766	13.65	49.74	0.0	8.53	723.04	0.63	42.79
0.796	13.65	49.74	0.8	8.54	283.14	0.6	42.78
0.811	13.65	49.74	0.76	8.54	216.49	0.62	42.79
0.828	13.65	49.74	0.76	8.55	203.12	0.66	42.78
0.865	13.65	49.74	0.46	8.55	168.31	0.68	42.79
0.912	13.65	49.75	0.34	8.54	164.72	0.66	42.8
0.946	13.65	49.77	0.15	8.54	196.13	0.69	42.82
0.953	13.64	49.78	0.99	8.54	168.47	0.67	42.83
0.967	13.64	49.79	0.3	8.54	170.79	0.67	42.84
1.007	13.64	49.84	0.72	8.54	165.49	0.67	42.89
1.05	13.63	50.0	0.42	8.53	178.68	0.68	43.06
1.083	13.61	50.22	0.42	8.53	186.43	0.72	43.29
1.1	13.59	50.25	0.88	8.53	155.02	0.72	43.35
1.115	13.57	50.25	0.69	8.53	164.0	0.71	43.37
1.133	13.56	50.3	0.61	8.53	180.27	0.74	43.44
1.148	13.55	50.45	0.61	8.53	145.78	0.72	43.59
1.167	13.53	50.51	0.72	8.52	158.29	0.72	43.67
1.183	13.51	50.53	0.53	8.52	167.15	0.72	43.71
1.202	13.5	50.63	0.65	8.52	166.26	0.76	43.83
1.231	13.48	50.72	0.65	8.52	139.05	0.73	43.94
1.252	13.45	50.77	0.76	8.54	157.15	0.71	44.02
1.275	13.43	50.79	0.57	8.54	161.14	0.77	44.07
1.304	13.42	50.81	0.61	8.56	148.93	0.76	44.1
1.34	13.4	50.82	0.61	8.57	146.05	0.8	44.12
1.37	13.4	50.82	0.69	8.58	152.14	0.8	44.13
1.38	13.38	50.82	0.61	8.59	140.77	0.8	44.15
1.389	13.38	50.82	0.72	8.6	147.65	0.82	44.15
1.414	13.38	50.82	0.57	8.61	154.37	0.84	44.16
1.444	13.38	50.83	0.65	8.6	139.86	0.85	44.16
1.465	13.37	50.82	0.61	8.6	126.45	0.82	44.16
1.484	13.37	50.82	0.69	8.6	134.83	0.84	44.16
1.509	13.37	50.83	0.72	8.6	138.92	0.86	44.17
1.543	13.37	50.82	0.61	8.6	127.21	0.86	44.17
1.587	13.36	50.82	0.57	8.62	128.54	0.87	44.17
1.615	13.36	50.82	0.72	8.62	139.41	0.87	44.17

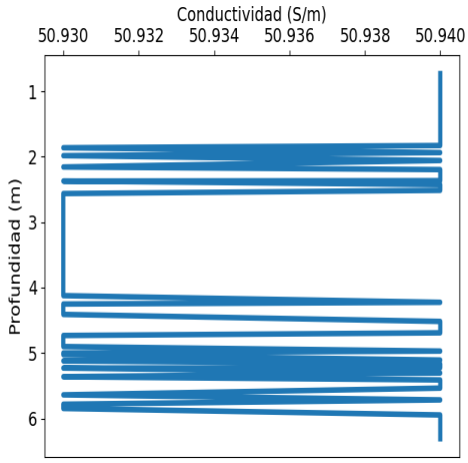
1.68	13.36	50.82	0.61	8.63	138.95	0.83	44.17
1.747	13.36	50.83	0.72	8.62	129.65	0.92	44.18
1.753	13.36	50.82	0.61	8.62	116.0	0.89	44.18
1.763	13.36	50.82	0.69	8.62	117.13	0.89	44.18
1.808	13.36	50.82	0.65	8.62	127.42	0.89	44.18
1.874	13.36	50.83	0.76	8.62	129.29	0.92	44.18
1.914	13.36	50.83	0.69	8.6	134.61	0.95	44.18
1.951	13.36	50.83	0.76	8.6	123.89	0.95	44.18
2.01	13.36	50.83	0.69	8.59	114.13	0.98	44.19
2.063	13.36	50.84	0.69	8.59	116.97	0.97	44.19
2.088	13.36	50.84	0.76	8.59	112.77	0.98	44.19
2.096	13.36	50.84	0.69	8.59	114.19	0.95	44.19
2.119	13.36	50.84	0.84	8.6	116.51	0.96	44.19
2.15	13.36	50.84	0.76	8.6	119.3	0.95	44.19
2.182	13.36	50.84	0.69	8.6	117.65	0.98	44.19
2.217	13.36	50.84	0.76	8.59	115.04	1.01	44.2
2.254	13.36	50.85	0.65	8.59	113.21	0.99	44.2
2.274	13.36	50.85	0.76	8.58	116.08	1.07	44.2
2.296	13.36	50.85	0.84	8.59	116.32	1.06	44.2
2.347	13.36	50.85	0.72	8.58	110.59	1.04	44.2
2.381	13.36	50.86	0.76	8.53	113.63	1.04	44.2
2.408	13.36	50.86	0.84	8.52	112.98	1.04	44.2
2.466	13.36	50.86	0.8	8.52	109.37	1.08	44.21
2.522	13.37	50.86	0.88	8.53	107.43	1.1	44.21
2.564	13.37	50.86	0.69	8.53	104.24	1.08	44.21
2.569	13.36	50.86	0.69	8.57	112.92	1.12	44.21
2.574	13.36	50.86	0.69	8.58	111.57	1.08	44.21
2.608	13.36	50.86	0.69	8.58	110.08	1.08	44.21
2.677	13.36	50.86	0.84	8.57	108.84	1.11	44.21
2.73	13.36	50.86	0.69	8.57	116.3	1.14	44.21
2.792	13.36	50.86	0.72	8.57	118.17	1.08	44.21
2.889	13.36	50.86	0.76	8.57	120.63	1.11	44.21
2.922	13.36	50.86	0.69	8.57	128.63	1.11	44.21
2.994	13.36	50.86	0.65	8.58	123.43	1.11	44.21
3.073	13.36	50.86	0.84	8.56	133.18	1.1	44.21
3.111	13.36	50.86	0.65	8.56	131.37	1.11	44.21
3.193	13.36	50.86	0.72	8.55	125.8	1.16	44.21
3.275	13.36	50.86	0.61	8.54	128.39	1.16	44.21
3.284	13.36	50.86	0.92	8.55	137.35	1.1	44.21
3.325	13.36	50.86	0.76	8.55	156.5	1.13	44.21
3.387	13.36	50.86	0.69	8.56	152.74	1.15	44.21
3.445	13.36	50.86	0.65	8.56	133.28	1.13	44.21
3.452	13.36	50.86	0.65	8.58	129.23	1.15	44.21
3.458	13.36	50.86	0.69	8.58	138.34	1.14	44.21
3.497	13.36	50.86	0.69	8.58	144.87	1.1	44.21
3.543	13.36	50.86	0.76	8.58	160.02	1.15	44.21
3.569	13.36	50.86	0.72	8.58	149.17	1.14	44.21
3.58	13.36	50.86	0.61	8.57	145.28	1.11	44.21
3.591	13.36	50.86	0.76	8.57	148.27	1.13	44.21
3.614	13.36	50.86	0.76	8.57	156.61	1.21	44.21
3.64	13.36	50.86	0.65	8.56	169.21	1.25	44.21
3.656	13.36	50.86	0.8	8.56	157.08	1.14	44.21
3.663	13.36	50.86	0.76	8.57	146.9	1.14	44.21
3.684	13.36	50.86	0.76	8.58	142.94	1.13	44.21
3.728	13.36	50.86	0.72	8.58	150.87	1.22	44.21
3.772	13.36	50.86	0.72	8.58	152.52	1.19	44.21
3.78	13.36	50.86	0.61	8.57	162.71	1.19	44.21
3.788	13.36	50.86	0.72	8.56	188.29	1.14	44.21

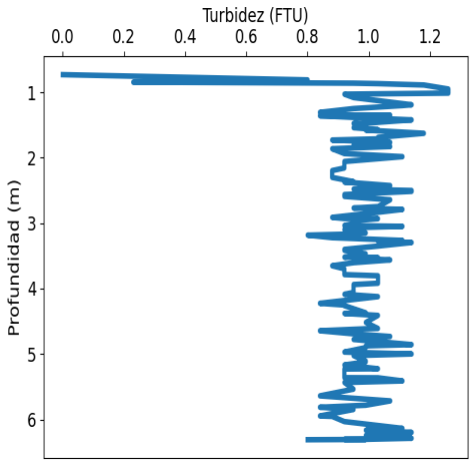
3.818	13.36	50.86	0.72	8.55	169.68	1.14	44.21
3.862	13.36	50.86	0.84	8.55	159.17	1.18	44.21
3.907	13.36	50.86	0.84	8.56	147.93	1.21	44.21
3.935	13.36	50.86	0.72	8.59	172.5	1.09	44.21
3.96	13.36	50.86	0.72	8.6	149.9	1.14	44.21
4.009	13.36	50.86	0.69	8.6	139.37	1.18	44.21
4.052	13.36	50.86	0.76	8.6	140.28	1.14	44.21
4.064	13.36	50.86	0.69	8.59	168.2	1.2	44.21
4.067	13.36	50.86	0.72	8.58	177.16	1.2	44.21
4.09	13.36	50.86	0.72	8.58	158.51	1.23	44.21
4.13	13.36	50.86	0.72	8.58	155.59	1.2	44.21
4.164	13.36	50.86	0.76	8.58	169.88	1.2	44.21
4.179	13.36	50.86	0.8	8.58	173.86	1.14	44.21
4.181	13.36	50.86	0.88	8.58	167.69	1.11	44.21
4.187	13.36	50.86	0.69	8.58	164.23	1.14	44.21
4.217	13.36	50.86	0.57	8.58	148.2	1.17	44.21
4.274	13.36	50.86	0.8	8.57	165.64	1.37	44.21
4.304	13.36	50.86	0.72	8.58	138.41	1.2	44.21
4.356	13.36	50.86	0.8	8.58	156.75	1.2	44.21
4.43	13.36	50.87	0.84	8.58	179.18	1.25	44.22
4.459	13.36	50.86	0.65	8.57	171.7	1.24	44.21
4.473	13.36	50.87	0.76	8.56	174.67	1.16	44.21
4.512	13.36	50.87	0.72	8.56	167.96	1.22	44.21
4.574	13.36	50.87	0.65	8.57	157.59	1.12	44.22
4.612	13.37	50.87	0.65	8.59	171.82	1.22	44.21
4.623	13.37	50.87	0.76	8.59	155.77	1.15	44.21
4.668	13.37	50.87	0.8	8.58	141.42	1.14	44.21
4.732	13.37	50.87	0.72	8.58	141.39	1.16	44.21
4.771	13.37	50.87	0.69	8.59	150.56	1.15	44.21
4.778	13.37	50.87	0.69	8.6	160.87	1.15	44.21
4.821	13.37	50.87	0.84	8.6	152.74	1.17	44.21
4.878	13.37	50.87	0.69	8.6	139.05	1.1	44.21
4.922	13.37	50.87	0.57	8.6	136.91	1.14	44.21
4.932	13.37	50.87	0.53	8.59	150.0	1.09	44.21
4.942	13.37	50.87	0.46	8.6	143.14	1.14	44.21
4.964	13.37	50.87	0.65	8.6	144.34	1.12	44.21
4.993	13.37	50.87	0.69	8.6	152.38	1.14	44.21
5.028	13.37	50.87	0.61	8.6	152.81	1.26	44.21
5.06	13.37	50.87	0.69	8.59	143.14	1.19	44.21
5.08	13.37	50.87	0.72	8.58	132.35	1.16	44.21
5.087	13.37	50.87	0.72	8.58	128.93	1.16	44.21
5.091	13.37	50.87	0.69	8.58	133.65	1.14	44.21
5.101	13.37	50.87	0.76	8.58	144.97	1.1	44.21
5.124	13.37	50.87	0.69	8.57	149.62	1.1	44.21
5.163	13.37	50.87	0.72	8.57	145.08	1.15	44.21
5.205	13.37	50.87	0.69	8.57	139.02	1.14	44.21
5.221	13.36	50.87	0.72	8.55	139.41	1.17	44.21
5.234	13.36	50.86	0.92	8.55	148.48	1.14	44.21
5.27	13.36	50.87	0.88	8.55	149.27	1.17	44.21
5.318	13.36	50.86	0.72	8.56	145.65	1.21	44.21
5.346	13.36	50.86	0.69	8.59	134.74	1.24	44.21
5.353	13.36	50.86	0.76	8.59	140.38	1.21	44.21
5.368	13.36	50.87	0.76	8.59	134.58	1.16	44.21
5.377	13.36	50.87	0.88	8.58	131.01	1.14	44.21
5.38	13.36	50.87	0.76	8.58	132.08	1.14	44.21
5.383	13.36	50.87	0.65	8.58	134.67	1.13	44.21
5.385	13.36	50.87	0.92	8.58	140.12	1.16	44.21

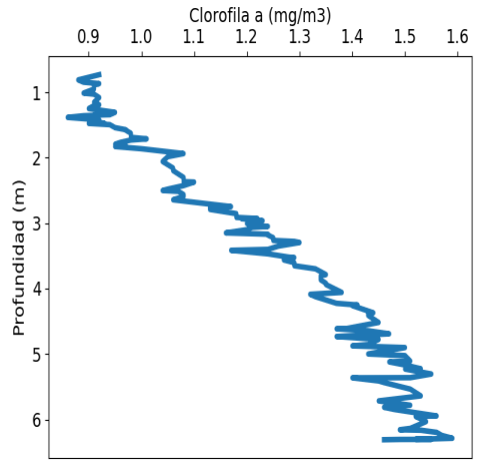
Nombre: CTD N03 - Punto 010 **Fecha: 17/12/2024** **Hora: 10:12:29**

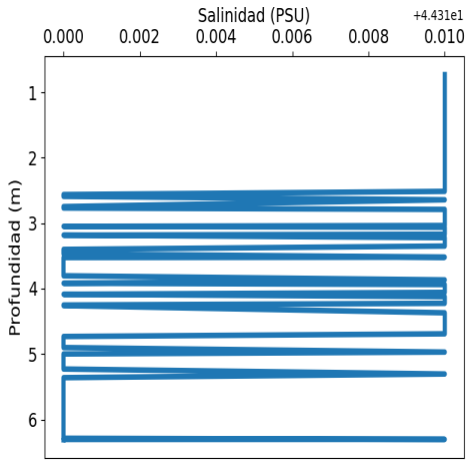


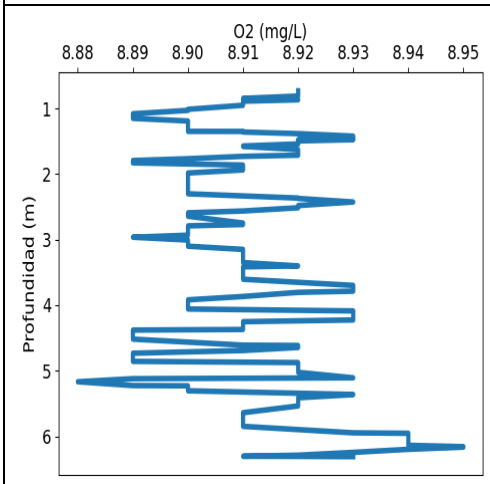


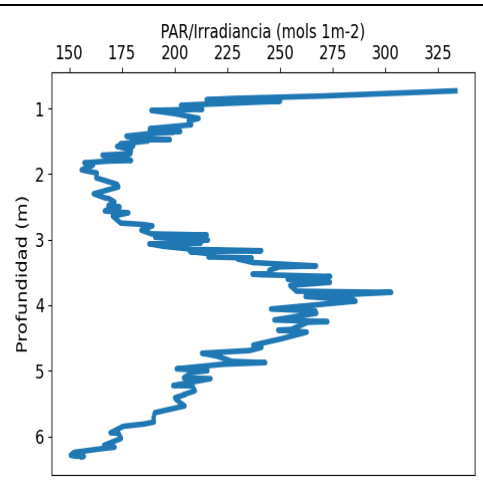












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.33	50.93	0.0	8.88	150.52	0.86	44.31
PROF (metros)	2.747	1.863	0.731	5.167	6.287	1.384	2.563
MÁXIMO	13.34	13.34	1.26	8.95	333.4	1.59	44.32
PROF (metros)	0.731	0.731	0.951	6.157	0.731	6.287	0.731

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.34	50.94	0.91	8.92	230.72	0.9	44.32
1 - 2m	13.34	50.94	1.0	8.91	184.67	0.94	44.32
2 - 3m	13.34	50.93	0.98	8.91	178.21	1.11	44.32
3 - 4m	13.33	50.93	0.98	8.91	240.85	1.27	44.31
4 - 5m	13.34	50.93	0.98	8.91	241.65	1.41	44.32
5 - 6m	13.34	50.94	0.95	8.91	197.06	1.49	44.31
6 - 7m	13.34	50.94	1.01	8.93	160.53	1.53	44.31

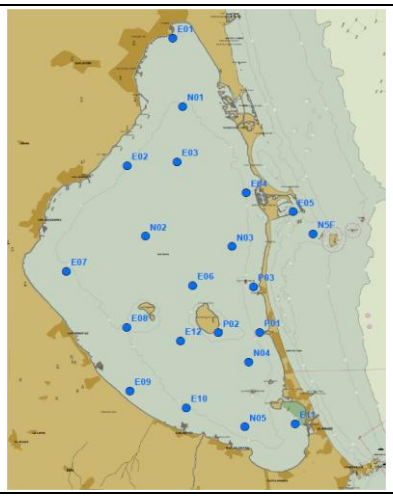
OBSERVACIONES GENERALES

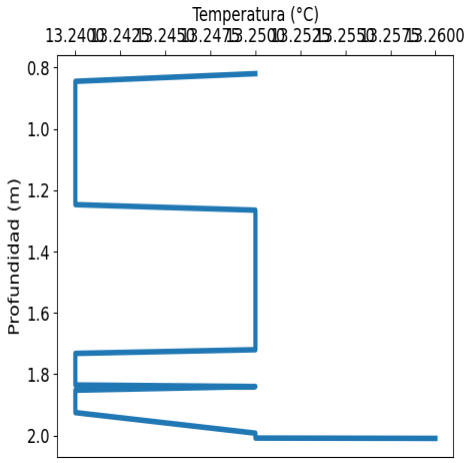
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.731	13.34	50.94	0.0	8.92	333.4	0.92	44.32
0.811	13.34	50.94	0.8	8.92	269.31	0.88	44.32
0.846	13.34	50.94	0.23	8.91	228.5	0.89	44.32
0.861	13.34	50.94	0.95	8.92	218.4	0.91	44.32
0.868	13.34	50.94	1.03	8.92	215.09	0.92	44.32
0.889	13.34	50.94	1.18	8.91	250.06	0.91	44.32
0.951	13.34	50.94	1.26	8.91	202.93	0.91	44.32
1.013	13.34	50.94	1.26	8.9	213.1	0.89	44.32
1.029	13.34	50.94	0.92	8.9	188.86	0.91	44.32
1.081	13.34	50.94	0.95	8.89	200.41	0.92	44.32
1.151	13.34	50.94	1.07	8.89	211.38	0.91	44.32
1.191	13.34	50.94	1.14	8.9	206.59	0.92	44.32
1.203	13.34	50.94	1.11	8.9	207.06	0.91	44.32
1.249	13.34	50.94	0.95	8.9	207.83	0.9	44.32
1.307	13.34	50.94	0.84	8.9	188.16	0.95	44.32
1.343	13.34	50.94	0.92	8.9	199.39	0.94	44.32
1.349	13.34	50.94	0.92	8.9	202.65	0.91	44.32
1.35	13.34	50.94	1.07	8.91	188.08	0.92	44.32
1.359	13.34	50.94	0.84	8.91	199.67	0.89	44.32
1.384	13.34	50.94	0.95	8.92	188.03	0.86	44.32
1.422	13.34	50.94	1.14	8.93	176.95	0.92	44.32
1.459	13.34	50.94	1.03	8.93	182.11	0.92	44.32
1.475	13.34	50.94	0.99	8.92	197.69	0.93	44.32
1.476	13.34	50.94	0.95	8.93	182.37	0.9	44.32
1.495	13.34	50.94	0.99	8.92	187.25	0.94	44.32
1.541	13.34	50.94	0.95	8.92	174.03	0.95	44.32
1.572	13.34	50.94	1.03	8.91	180.31	0.97	44.32
1.578	13.34	50.94	0.99	8.91	172.54	0.97	44.32
1.627	13.34	50.94	1.18	8.92	179.27	0.98	44.32
1.689	13.34	50.94	1.03	8.92	178.93	0.98	44.32
1.712	13.34	50.94	1.03	8.92	165.57	1.01	44.32
1.73	13.34	50.94	0.88	8.91	169.21	0.98	44.32
1.766	13.34	50.94	1.07	8.9	177.45	0.96	44.32
1.794	13.34	50.94	0.99	8.89	179.27	0.95	44.32
1.802	13.34	50.94	0.95	8.89	168.51	0.97	44.32

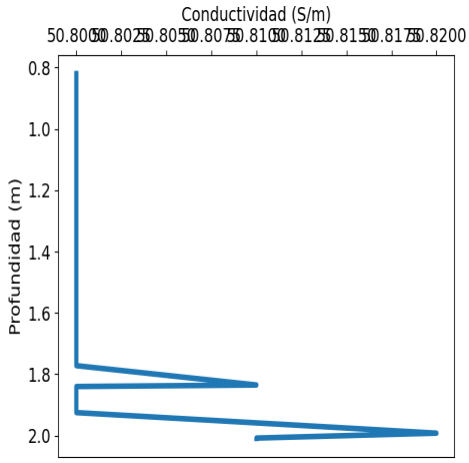
1.829	13.34	50.94	1.07	8.89	156.97	0.95	44.32
1.863	13.34	50.93	0.88	8.91	161.21	1.0	44.32
1.937	13.34	50.94	0.92	8.91	155.7	1.08	44.32
1.984	13.34	50.93	1.11	8.9	162.98	1.05	44.32
2.058	13.34	50.94	0.92	8.9	162.64	1.04	44.32
2.157	13.34	50.93	0.92	8.9	172.62	1.06	44.32
2.197	13.34	50.94	0.88	8.9	173.22	1.06	44.32
2.301	13.34	50.94	0.88	8.9	161.44	1.08	44.32
2.366	13.34	50.94	0.95	8.92	167.07	1.08	44.32
2.372	13.34	50.93	0.92	8.92	168.66	1.1	44.32
2.426	13.34	50.94	1.07	8.93	171.38	1.08	44.32
2.48	13.34	50.94	0.95	8.92	168.43	1.05	44.32
2.501	13.34	50.94	1.14	8.92	173.82	1.04	44.32
2.514	13.34	50.94	1.14	8.92	169.84	1.07	44.32
2.563	13.34	50.93	0.92	8.91	166.68	1.08	44.31
2.591	13.34	50.93	0.92	8.9	177.98	1.08	44.31
2.643	13.34	50.93	1.07	8.9	170.55	1.06	44.32
2.747	13.33	50.93	1.03	8.91	174.31	1.17	44.31
2.769	13.33	50.93	0.95	8.91	184.92	1.13	44.31
2.79	13.33	50.93	1.11	8.9	189.43	1.13	44.32
2.855	13.33	50.93	0.99	8.9	184.06	1.18	44.32
2.912	13.33	50.93	0.88	8.9	188.91	1.18	44.32
2.929	13.33	50.93	0.92	8.9	215.24	1.22	44.32
2.932	13.33	50.93	1.03	8.9	210.55	1.19	44.32
2.963	13.33	50.93	0.95	8.89	190.58	1.23	44.32
3.006	13.33	50.93	0.95	8.9	215.84	1.2	44.32
3.036	13.33	50.93	0.92	8.9	202.65	1.21	44.32
3.049	13.33	50.93	1.11	8.9	212.41	1.24	44.31
3.064	13.33	50.93	0.99	8.9	187.86	1.21	44.32
3.1	13.33	50.93	0.92	8.9	194.32	1.2	44.32
3.149	13.33	50.93	0.99	8.91	209.09	1.16	44.32
3.169	13.33	50.93	0.92	8.91	241.12	1.24	44.32
3.183	13.33	50.93	0.8	8.91	207.26	1.24	44.31
3.222	13.33	50.93	0.88	8.91	218.55	1.25	44.32
3.264	13.33	50.93	1.11	8.91	215.94	1.25	44.32
3.279	13.33	50.93	1.03	8.91	236.58	1.29	44.32
3.296	13.33	50.93	1.14	8.91	229.93	1.3	44.32
3.35	13.33	50.93	1.03	8.91	237.41	1.26	44.32
3.401	13.34	50.93	0.92	8.92	267.2	1.24	44.31
3.415	13.33	50.93	0.92	8.91	249.77	1.17	44.31
3.469	13.33	50.93	0.99	8.91	244.84	1.24	44.31
3.52	13.33	50.93	0.92	8.91	245.07	1.28	44.32
3.526	13.34	50.93	1.03	8.91	236.91	1.29	44.31
3.535	13.34	50.93	0.95	8.91	241.12	1.28	44.31
3.562	13.34	50.93	1.07	8.91	273.91	1.27	44.31
3.604	13.34	50.93	0.95	8.91	253.62	1.29	44.31
3.651	13.34	50.93	0.88	8.92	273.78	1.29	44.31
3.698	13.33	50.93	0.92	8.93	254.8	1.33	44.31
3.786	13.34	50.93	0.92	8.93	257.83	1.35	44.31
3.804	13.34	50.93	1.03	8.92	302.89	1.34	44.31
3.867	13.33	50.93	1.03	8.91	262.11	1.34	44.32
3.918	13.34	50.93	1.03	8.9	284.98	1.35	44.31
3.938	13.33	50.93	0.95	8.9	285.97	1.35	44.32
4.058	13.33	50.93	0.95	8.9	245.69	1.38	44.32
4.087	13.34	50.93	0.92	8.93	266.89	1.32	44.31
4.123	13.34	50.93	1.03	8.93	267.26	1.33	44.32
4.225	13.34	50.94	0.84	8.93	247.29	1.37	44.32
4.251	13.34	50.93	0.92	8.91	272.58	1.41	44.31

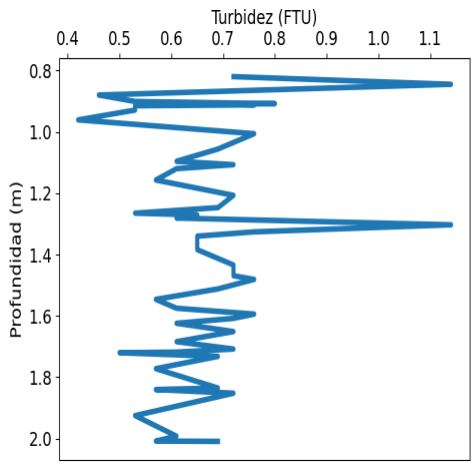
4.26	13.34	50.93	0.92	8.91	263.2	1.4	44.31
4.37	13.34	50.93	0.99	8.91	255.27	1.44	44.32
4.379	13.34	50.93	0.92	8.89	249.08	1.43	44.32
4.41	13.34	50.93	1.03	8.89	262.77	1.43	44.32
4.517	13.34	50.94	0.99	8.89	250.0	1.45	44.32
4.609	13.34	50.94	1.03	8.91	237.24	1.39	44.32
4.614	13.34	50.94	0.99	8.92	238.4	1.37	44.32
4.644	13.34	50.94	0.84	8.92	241.23	1.43	44.32
4.691	13.34	50.94	0.95	8.91	235.65	1.47	44.32
4.732	13.34	50.93	1.07	8.89	212.9	1.37	44.31
4.777	13.34	50.93	0.95	8.89	220.13	1.45	44.31
4.856	13.34	50.93	1.14	8.89	227.18	1.43	44.31
4.875	13.34	50.93	0.99	8.92	243.03	1.4	44.31
4.901	13.34	50.93	0.99	8.92	222.49	1.5	44.31
4.97	13.34	50.94	0.92	8.92	200.87	1.45	44.32
4.999	13.34	50.93	1.14	8.92	215.59	1.43	44.31
5.024	13.34	50.93	0.95	8.92	208.32	1.5	44.31
5.107	13.34	50.94	0.99	8.93	204.3	1.51	44.31
5.12	13.34	50.93	0.99	8.89	217.04	1.47	44.31
5.167	13.34	50.94	0.92	8.88	209.14	1.5	44.31
5.225	13.34	50.94	1.03	8.89	199.2	1.53	44.31
5.229	13.34	50.93	0.92	8.9	208.32	1.5	44.31
5.305	13.34	50.94	0.92	8.9	209.58	1.55	44.32
5.361	13.34	50.93	0.92	8.93	204.39	1.51	44.31
5.363	13.34	50.93	1.03	8.93	204.77	1.4	44.31
5.411	13.34	50.94	1.11	8.92	200.08	1.45	44.31
5.435	13.34	50.94	0.92	8.92	200.55	1.46	44.31
5.536	13.34	50.94	0.95	8.92	204.68	1.51	44.31
5.639	13.34	50.93	0.84	8.91	190.49	1.53	44.31
5.716	13.34	50.94	1.07	8.91	189.87	1.45	44.31
5.782	13.34	50.93	0.99	8.91	190.14	1.51	44.31
5.813	13.34	50.93	0.84	8.91	185.01	1.46	44.31
5.847	13.34	50.93	0.95	8.91	175.48	1.48	44.31
5.946	13.34	50.94	0.84	8.93	169.41	1.56	44.31
5.953	13.34	50.94	0.88	8.94	173.3	1.52	44.31
6.032	13.34	50.94	0.92	8.94	174.47	1.54	44.31
6.136	13.34	50.94	1.11	8.94	166.37	1.51	44.31
6.157	13.34	50.94	1.07	8.95	167.81	1.49	44.31
6.164	13.34	50.94	0.99	8.95	171.46	1.53	44.31
6.197	13.34	50.94	1.14	8.94	163.01	1.56	44.31
6.244	13.34	50.94	0.99	8.93	152.1	1.57	44.31
6.287	13.34	50.94	1.14	8.92	150.52	1.59	44.31
6.303	13.34	50.94	0.99	8.91	152.91	1.52	44.32
6.304	13.34	50.94	0.92	8.92	154.55	1.55	44.32
6.305	13.34	50.94	0.99	8.92	156.83	1.49	44.31
6.309	13.34	50.94	0.8	8.93	155.85	1.46	44.31

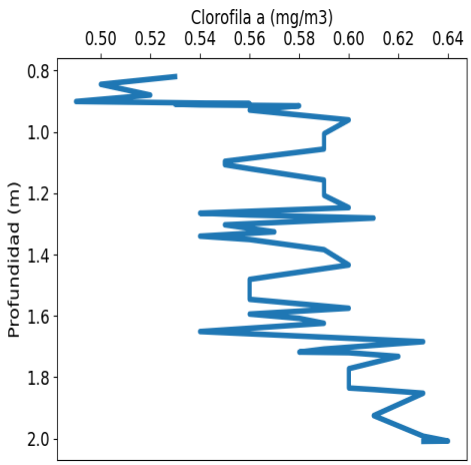
Nombre: CTD P03 - Punto 011 **Fecha: 17/12/2024** **Hora: 10:12:12**

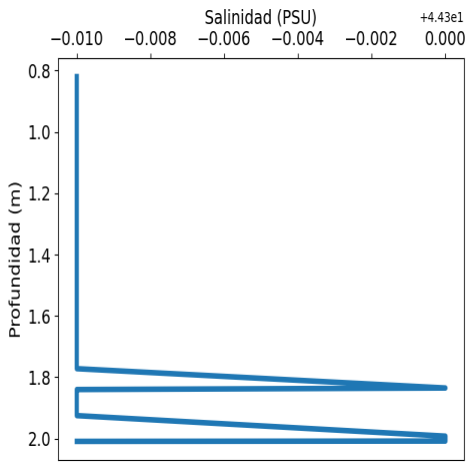


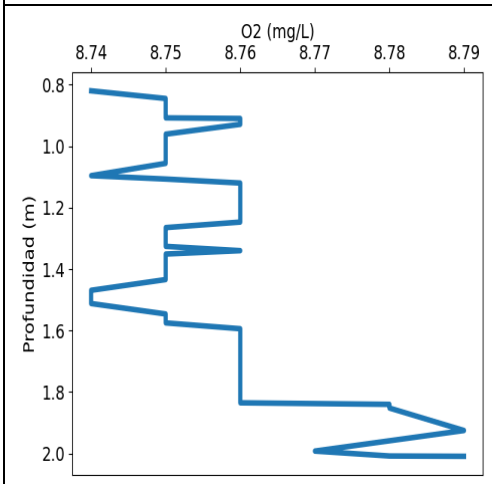


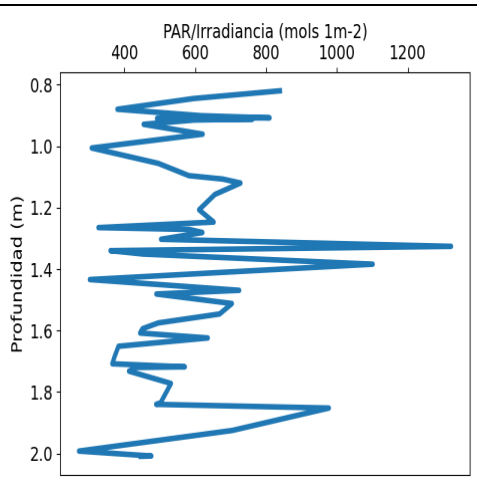












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.24	50.8	0.42	8.74	272.39	0.49	44.29
PROF (metros)	0.845	0.82	0.961	0.82	1.992	0.901	0.82
MÁXIMO	13.26	13.26	1.14	8.79	1321.8	0.64	44.3
PROF (metros)	2.009	1.992	0.845	1.925	1.326	2.008	1.835

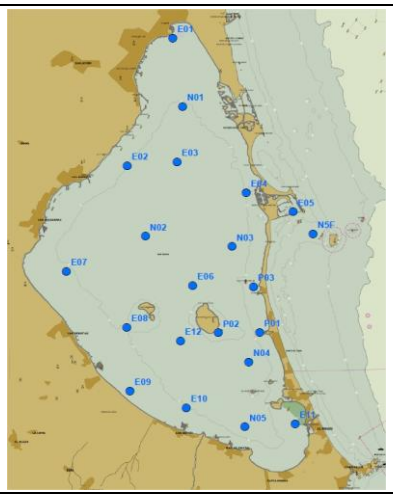
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.24	50.8	0.66	8.75	617.18	0.54	44.29
1 - 2m	13.25	50.8	0.67	8.76	565.5	0.58	44.29
2 - 3m	13.25	50.81	0.63	8.78	461.5	0.64	44.29

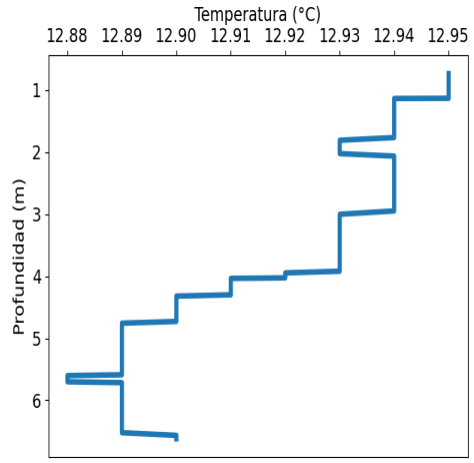
OBSERVACIONES GENERALES

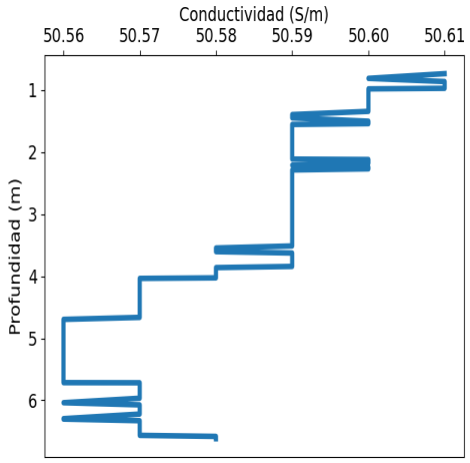
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.82	13.25	50.8	0.72	8.74	839.24	0.53	44.29
0.845	13.24	50.8	1.14	8.75	596.09	0.5	44.29
0.88	13.24	50.8	0.46	8.75	380.66	0.52	44.29
0.901	13.24	50.8	0.53	8.75	617.46	0.49	44.29
0.908	13.24	50.8	0.8	8.75	810.18	0.56	44.29
0.91	13.24	50.8	0.72	8.76	492.23	0.53	44.29
0.912	13.24	50.8	0.76	8.76	762.1	0.54	44.29
0.915	13.24	50.8	0.53	8.76	597.61	0.58	44.29
0.929	13.24	50.8	0.53	8.76	454.61	0.56	44.29
0.961	13.24	50.8	0.42	8.75	621.63	0.6	44.29
1.006	13.24	50.8	0.76	8.75	308.13	0.59	44.29
1.056	13.24	50.8	0.69	8.75	496.01	0.59	44.29
1.096	13.24	50.8	0.61	8.74	582.43	0.55	44.29
1.107	13.24	50.8	0.72	8.75	677.6	0.55	44.29
1.12	13.24	50.8	0.61	8.76	728.08	0.56	44.29
1.157	13.24	50.8	0.57	8.76	655.82	0.59	44.29
1.207	13.24	50.8	0.72	8.76	611.06	0.59	44.29
1.247	13.24	50.8	0.69	8.76	652.48	0.6	44.29
1.265	13.25	50.8	0.53	8.75	327.19	0.54	44.29
1.271	13.25	50.8	0.65	8.75	583.65	0.56	44.29
1.281	13.25	50.8	0.61	8.75	620.76	0.61	44.29
1.303	13.25	50.8	1.14	8.75	503.65	0.55	44.29
1.326	13.25	50.8	0.76	8.75	1321.8	0.57	44.29
1.34	13.25	50.8	0.65	8.76	361.15	0.54	44.29
1.351	13.25	50.8	0.65	8.75	453.24	0.56	44.29
1.384	13.25	50.8	0.65	8.75	1100.9	0.59	44.29
1.434	13.25	50.8	0.72	8.75	302.89	0.6	44.29
1.469	13.25	50.8	0.72	8.74	724.38	0.57	44.29
1.481	13.25	50.8	0.76	8.74	490.41	0.56	44.29
1.512	13.25	50.8	0.69	8.74	703.86	0.56	44.29
1.546	13.25	50.8	0.57	8.75	669.02	0.56	44.29
1.575	13.25	50.8	0.61	8.75	496.35	0.6	44.29
1.594	13.25	50.8	0.76	8.76	451.57	0.56	44.29
1.608	13.25	50.8	0.72	8.76	444.61	0.58	44.29
1.624	13.25	50.8	0.61	8.76	635.91	0.59	44.29
1.651	13.25	50.8	0.72	8.76	383.85	0.54	44.29
1.684	13.25	50.8	0.61	8.76	373.15	0.63	44.29
1.708	13.25	50.8	0.72	8.76	366.29	0.59	44.29
1.718	13.25	50.8	0.61	8.76	571.2	0.58	44.29

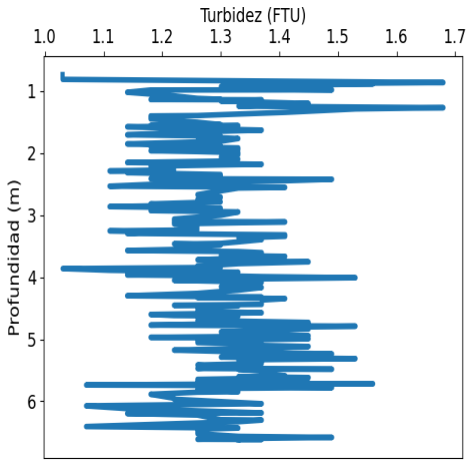
1.72	13.25	50.8	0.5	8.76	434.42	0.6	44.29
1.732	13.24	50.8	0.69	8.76	413.3	0.62	44.29
1.772	13.24	50.8	0.57	8.76	531.97	0.6	44.29
1.835	13.24	50.81	0.69	8.76	502.6	0.6	44.3
1.84	13.25	50.8	0.57	8.78	489.84	0.61	44.29
1.852	13.24	50.8	0.72	8.78	977.27	0.63	44.29
1.925	13.24	50.8	0.53	8.79	704.35	0.61	44.29
1.992	13.25	50.82	0.61	8.77	272.39	0.63	44.3
2.008	13.25	50.81	0.57	8.78	476.84	0.64	44.3
2.009	13.26	50.81	0.69	8.79	446.16	0.63	44.29

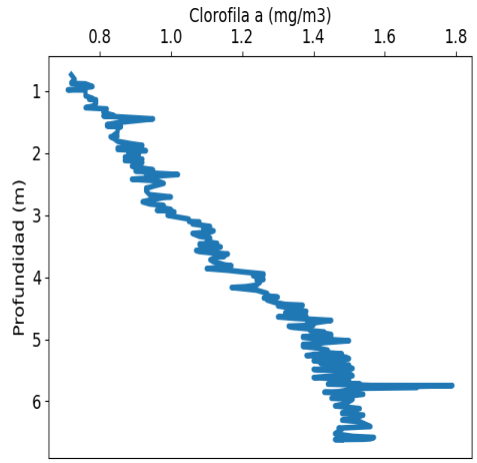
Nombre: CTD E06 - Punto 012 **Fecha: 17/12/2024** **Hora: 10:12:48**

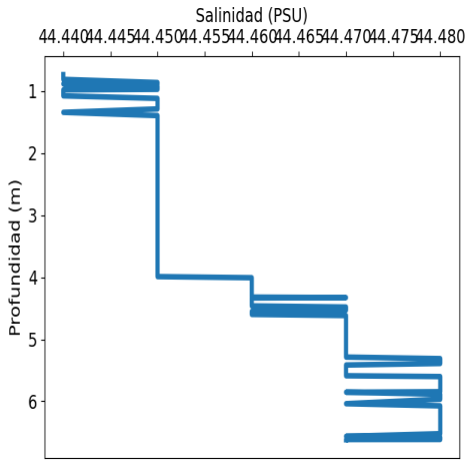


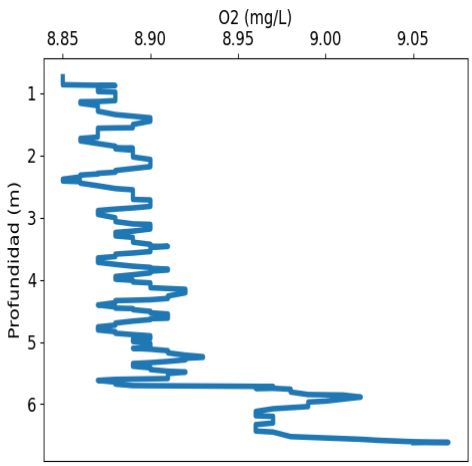


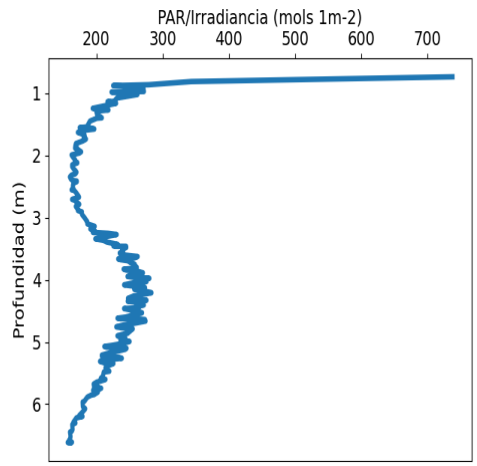












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.88	50.56	1.03	8.85	156.75	0.71	44.44
PROF (metros)	5.601	4.696	0.738	0.738	6.615	0.983	0.738
MÁXIMO	12.95	12.95	1.68	9.07	737.59	1.79	44.48
PROF (metros)	0.738	0.738	0.865	6.614	0.738	5.745	5.312

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.95	50.61	1.35	8.87	314.98	0.74	44.44
1 - 2m	12.94	50.59	1.28	8.88	192.91	0.84	44.45
2 - 3m	12.94	50.59	1.26	8.88	168.65	0.94	44.45
3 - 4m	12.93	50.59	1.28	8.89	233.04	1.12	44.45
4 - 5m	12.9	50.57	1.33	8.89	254.29	1.33	44.47
5 - 6m	12.89	50.56	1.34	8.93	211.09	1.47	44.48
6 - 7m	12.89	50.57	1.28	9.0	166.66	1.5	44.48

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.738	12.95	50.61	1.03	8.85	737.59	0.72	44.44
0.814	12.95	50.6	1.03	8.85	343.36	0.73	44.44
0.865	12.95	50.61	1.68	8.85	279.16	0.72	44.45
0.879	12.95	50.61	1.49	8.88	225.34	0.72	44.45
0.886	12.95	50.61	1.56	8.87	237.57	0.76	44.44
0.929	12.95	50.61	1.3	8.87	271.19	0.78	44.45
0.974	12.95	50.61	1.41	8.87	271.88	0.73	44.45
0.983	12.95	50.6	1.49	8.88	222.85	0.71	44.44
0.985	12.95	50.6	1.18	8.88	245.92	0.76	44.44
1.022	12.95	50.6	1.14	8.88	262.17	0.76	44.44
1.079	12.95	50.6	1.22	8.88	231.11	0.76	44.44
1.12	12.95	50.6	1.26	8.88	228.08	0.78	44.45
1.135	12.95	50.6	1.3	8.87	225.19	0.77	44.45
1.138	12.94	50.6	1.18	8.86	216.79	0.78	44.45
1.143	12.94	50.6	1.37	8.86	221.46	0.79	44.45
1.163	12.94	50.6	1.3	8.86	229.99	0.79	44.45
1.202	12.94	50.6	1.45	8.87	213.5	0.79	44.45
1.245	12.94	50.6	1.33	8.87	194.46	0.78	44.45
1.27	12.94	50.6	1.68	8.87	218.4	0.76	44.45
1.29	12.94	50.6	1.53	8.87	199.9	0.82	44.45
1.345	12.94	50.6	1.41	8.88	201.1	0.81	44.44
1.397	12.94	50.59	1.26	8.9	208.36	0.84	44.45
1.403	12.94	50.59	1.18	8.9	200.83	0.81	44.45
1.45	12.94	50.59	1.18	8.9	190.44	0.95	44.45
1.504	12.94	50.6	1.26	8.89	187.68	0.86	44.45
1.543	12.94	50.6	1.3	8.89	185.65	0.82	44.45
1.556	12.94	50.59	1.18	8.89	174.83	0.83	44.45
1.559	12.94	50.59	1.33	8.88	185.26	0.85	44.45
1.564	12.94	50.59	1.3	8.87	193.16	0.82	44.45
1.577	12.94	50.59	1.14	8.87	197.09	0.86	44.45
1.599	12.94	50.59	1.22	8.87	180.6	0.85	44.45
1.631	12.94	50.59	1.37	8.87	172.06	0.85	44.45
1.671	12.94	50.59	1.22	8.87	182.2	0.85	44.45
1.707	12.94	50.59	1.14	8.87	182.58	0.84	44.45
1.728	12.94	50.59	1.3	8.86	180.81	0.85	44.45

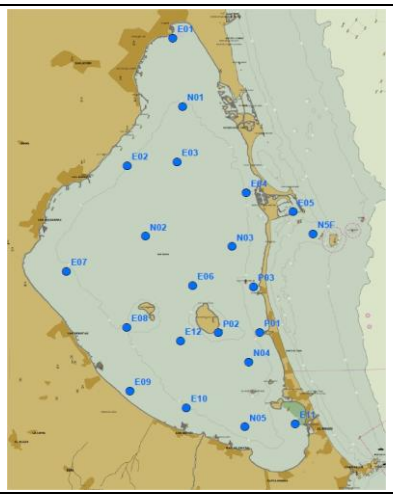
1.738	12.94	50.59	1.26	8.86	184.49	0.83	44.45
1.767	12.94	50.59	1.33	8.86	179.93	0.84	44.45
1.811	12.93	50.59	1.3	8.87	169.09	0.85	44.45
1.853	12.93	50.59	1.14	8.88	168.2	0.89	44.45
1.877	12.93	50.59	1.22	8.88	170.71	0.92	44.45
1.884	12.93	50.59	1.3	8.89	167.85	0.87	44.45
1.895	12.93	50.59	1.18	8.88	170.04	0.89	44.45
1.918	12.93	50.59	1.33	8.89	173.66	0.85	44.45
1.943	12.93	50.59	1.33	8.89	177.12	0.85	44.45
1.963	12.93	50.59	1.18	8.89	174.35	0.93	44.45
1.977	12.93	50.59	1.26	8.89	168.7	0.89	44.45
1.994	12.93	50.59	1.33	8.89	162.6	0.88	44.45
2.026	12.93	50.59	1.33	8.89	164.57	0.91	44.45
2.066	12.94	50.59	1.3	8.9	167.65	0.87	44.45
2.099	12.94	50.59	1.33	8.9	167.85	0.92	44.45
2.114	12.94	50.59	1.3	8.9	171.22	0.89	44.45
2.121	12.94	50.6	1.3	8.9	171.42	0.87	44.45
2.131	12.94	50.6	1.3	8.9	168.66	0.9	44.45
2.153	12.94	50.6	1.14	8.9	163.47	0.92	44.45
2.181	12.94	50.6	1.37	8.9	163.51	0.91	44.45
2.212	12.94	50.59	1.18	8.89	165.41	0.89	44.45
2.244	12.94	50.6	1.22	8.88	168.27	0.92	44.45
2.271	12.94	50.6	1.22	8.88	170.16	0.95	44.45
2.289	12.94	50.59	1.11	8.87	168.98	0.9	44.45
2.299	12.94	50.59	1.22	8.87	167.96	0.92	44.45
2.317	12.94	50.59	1.14	8.86	162.56	0.93	44.45
2.347	12.94	50.59	1.3	8.86	159.98	1.02	44.45
2.383	12.94	50.59	1.3	8.85	161.77	0.93	44.45
2.405	12.94	50.59	1.26	8.85	164.42	0.94	44.45
2.413	12.94	50.59	1.18	8.85	170.63	0.91	44.45
2.423	12.94	50.59	1.49	8.86	170.59	0.89	44.45
2.447	12.94	50.59	1.41	8.86	165.3	0.96	44.45
2.489	12.94	50.59	1.22	8.87	164.53	0.98	44.45
2.534	12.94	50.59	1.11	8.88	165.26	0.95	44.45
2.554	12.94	50.59	1.41	8.89	162.64	0.94	44.45
2.564	12.94	50.59	1.33	8.89	166.6	0.93	44.45
2.61	12.94	50.59	1.3	8.89	170.24	0.93	44.45
2.671	12.94	50.59	1.26	8.89	174.03	0.94	44.45
2.708	12.94	50.59	1.3	8.89	163.32	1.0	44.45
2.717	12.94	50.59	1.3	8.9	167.22	0.98	44.45
2.747	12.94	50.59	1.26	8.9	169.49	0.95	44.45
2.786	12.94	50.59	1.3	8.9	174.39	0.92	44.45
2.82	12.94	50.59	1.18	8.9	168.9	0.94	44.45
2.845	12.94	50.59	1.22	8.89	170.67	0.98	44.45
2.864	12.94	50.59	1.11	8.88	172.34	0.97	44.45
2.887	12.94	50.59	1.3	8.87	172.14	0.98	44.45
2.909	12.94	50.59	1.22	8.87	178.35	1.0	44.45
2.922	12.94	50.59	1.18	8.87	177.82	0.96	44.45
2.928	12.94	50.59	1.18	8.87	178.11	0.98	44.45
2.949	12.94	50.59	1.33	8.87	178.35	1.01	44.45
3.003	12.93	50.59	1.3	8.88	182.2	0.99	44.45
3.064	12.93	50.59	1.22	8.88	186.17	1.05	44.45
3.102	12.93	50.59	1.22	8.89	186.43	1.05	44.45
3.11	12.93	50.59	1.41	8.9	189.04	1.08	44.45
3.142	12.93	50.59	1.22	8.9	197.64	1.06	44.45
3.183	12.93	50.59	1.26	8.9	190.89	1.11	44.45
3.218	12.93	50.59	1.26	8.89	198.01	1.09	44.45
3.239	12.93	50.59	1.26	8.88	194.77	1.1	44.45

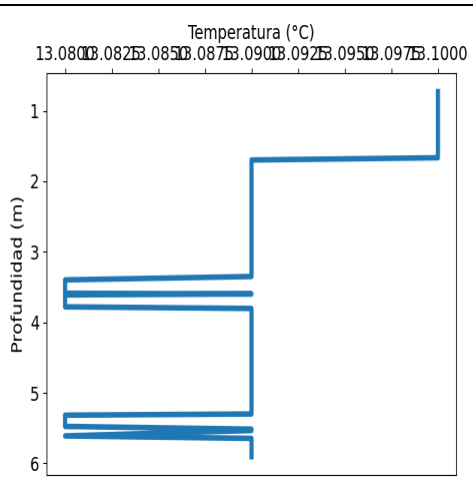
3.254	12.93	50.59	1.11	8.88	217.95	1.12	44.45
3.273	12.93	50.59	1.18	8.88	230.79	1.11	44.45
3.295	12.93	50.59	1.14	8.88	219.57	1.06	44.45
3.318	12.93	50.59	1.41	8.89	208.61	1.07	44.45
3.342	12.93	50.59	1.41	8.89	198.42	1.08	44.45
3.366	12.93	50.59	1.33	8.89	210.6	1.11	44.45
3.395	12.93	50.59	1.37	8.89	216.24	1.11	44.45
3.431	12.93	50.59	1.33	8.9	232.18	1.1	44.45
3.456	12.93	50.59	1.3	8.9	225.76	1.13	44.45
3.462	12.93	50.59	1.26	8.9	228.08	1.1	44.45
3.463	12.93	50.59	1.22	8.91	245.01	1.08	44.45
3.481	12.93	50.59	1.3	8.9	245.18	1.08	44.45
3.513	12.93	50.59	1.26	8.9	238.73	1.14	44.45
3.546	12.93	50.58	1.26	8.9	240.45	1.12	44.45
3.57	12.93	50.58	1.14	8.89	235.33	1.07	44.45
3.588	12.93	50.58	1.33	8.88	236.15	1.08	44.45
3.605	12.93	50.58	1.37	8.88	244.5	1.11	44.45
3.627	12.93	50.59	1.37	8.88	262.47	1.16	44.45
3.649	12.93	50.59	1.3	8.87	257.65	1.13	44.45
3.665	12.93	50.59	1.41	8.87	232.88	1.15	44.45
3.677	12.93	50.59	1.37	8.87	236.64	1.13	44.45
3.694	12.93	50.59	1.33	8.87	247.64	1.12	44.45
3.72	12.93	50.59	1.26	8.87	251.05	1.11	44.45
3.753	12.93	50.59	1.45	8.88	258.13	1.12	44.45
3.782	12.93	50.59	1.33	8.89	258.01	1.14	44.45
3.801	12.93	50.59	1.3	8.9	261.2	1.15	44.45
3.816	12.93	50.59	1.26	8.9	256.93	1.17	44.45
3.829	12.93	50.59	1.26	8.91	241.07	1.15	44.45
3.843	12.93	50.59	1.3	8.91	244.78	1.14	44.45
3.862	12.93	50.58	1.03	8.9	261.86	1.1	44.45
3.889	12.93	50.58	1.11	8.9	270.5	1.16	44.45
3.92	12.93	50.58	1.33	8.89	262.35	1.21	44.45
3.947	12.92	50.58	1.3	8.88	246.95	1.26	44.45
3.964	12.92	50.58	1.14	8.88	259.87	1.26	44.45
3.977	12.92	50.58	1.3	8.88	280.2	1.23	44.45
3.991	12.92	50.58	1.37	8.88	265.04	1.24	44.45
4.009	12.92	50.58	1.53	8.89	259.69	1.24	44.46
4.027	12.92	50.58	1.37	8.89	276.01	1.24	44.46
4.036	12.91	50.57	1.37	8.89	273.21	1.26	44.46
4.05	12.91	50.57	1.22	8.9	256.04	1.24	44.46
4.082	12.91	50.57	1.37	8.9	241.79	1.25	44.46
4.128	12.91	50.57	1.33	8.9	273.65	1.24	44.46
4.153	12.91	50.57	1.3	8.92	257.17	1.21	44.46
4.166	12.91	50.57	1.37	8.92	266.83	1.17	44.46
4.209	12.91	50.57	1.33	8.92	283.33	1.24	44.46
4.261	12.91	50.57	1.26	8.91	256.34	1.27	44.46
4.3	12.91	50.57	1.14	8.91	247.64	1.27	44.46
4.321	12.9	50.57	1.37	8.9	263.26	1.3	44.46
4.329	12.9	50.57	1.26	8.89	275.82	1.27	44.47
4.335	12.9	50.57	1.33	8.88	258.67	1.26	44.46
4.345	12.9	50.57	1.41	8.88	247.29	1.27	44.46
4.368	12.9	50.57	1.37	8.88	265.41	1.27	44.46
4.405	12.9	50.57	1.37	8.87	271.82	1.29	44.46
4.438	12.9	50.57	1.37	8.88	258.91	1.32	44.46
4.453	12.9	50.57	1.22	8.88	264.12	1.37	44.46
4.456	12.9	50.57	1.33	8.88	252.5	1.32	44.46
4.463	12.9	50.57	1.33	8.89	241.74	1.3	44.46
4.481	12.9	50.57	1.26	8.89	250.06	1.32	44.47

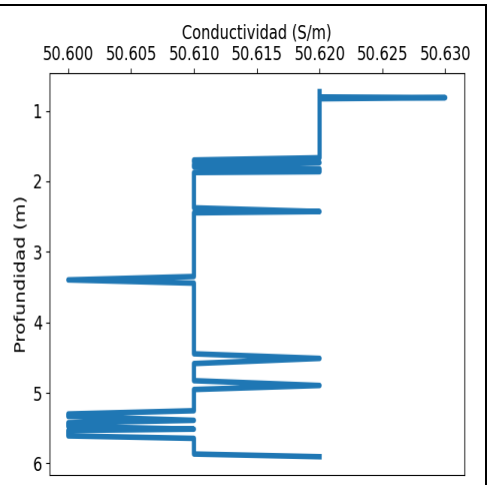
4.508	12.9	50.57	1.26	8.9	260.05	1.35	44.47
4.531	12.9	50.57	1.3	8.9	269.12	1.36	44.47
4.551	12.9	50.57	1.26	8.91	262.53	1.38	44.46
4.573	12.9	50.57	1.37	8.91	253.5	1.32	44.46
4.6	12.9	50.57	1.18	8.91	244.22	1.35	44.46
4.618	12.9	50.57	1.22	8.91	231.86	1.37	44.47
4.626	12.9	50.57	1.33	8.9	236.58	1.38	44.47
4.629	12.9	50.57	1.33	8.9	259.69	1.35	44.47
4.64	12.9	50.57	1.26	8.9	273.46	1.3	44.47
4.664	12.9	50.57	1.3	8.89	274.41	1.35	44.47
4.696	12.9	50.56	1.26	8.88	259.03	1.45	44.47
4.729	12.9	50.56	1.45	8.88	240.45	1.41	44.47
4.757	12.89	50.56	1.26	8.87	230.09	1.38	44.47
4.772	12.89	50.56	1.18	8.87	238.34	1.4	44.47
4.781	12.89	50.56	1.37	8.87	245.41	1.36	44.47
4.789	12.89	50.56	1.53	8.87	255.03	1.33	44.47
4.807	12.89	50.56	1.41	8.87	252.74	1.34	44.47
4.834	12.89	50.56	1.45	8.88	249.88	1.39	44.47
4.86	12.89	50.56	1.37	8.88	247.29	1.39	44.47
4.882	12.89	50.56	1.3	8.89	238.18	1.43	44.47
4.901	12.89	50.56	1.37	8.9	231.81	1.43	44.47
4.923	12.89	50.56	1.37	8.9	236.69	1.45	44.47
4.943	12.89	50.56	1.45	8.9	244.05	1.45	44.47
4.956	12.89	50.56	1.33	8.89	243.59	1.37	44.47
4.969	12.89	50.56	1.18	8.89	236.31	1.37	44.47
4.992	12.89	50.56	1.45	8.89	250.29	1.41	44.47
5.024	12.89	50.56	1.26	8.9	239.56	1.5	44.47
5.054	12.89	50.56	1.26	8.9	224.09	1.43	44.47
5.073	12.89	50.56	1.37	8.9	212.02	1.4	44.47
5.083	12.89	50.56	1.37	8.9	215.39	1.37	44.47
5.091	12.89	50.56	1.37	8.9	235.93	1.37	44.47
5.101	12.89	50.56	1.37	8.89	245.64	1.38	44.47
5.116	12.89	50.56	1.45	8.9	244.05	1.37	44.47
5.14	12.89	50.56	1.37	8.91	235.05	1.41	44.47
5.175	12.89	50.56	1.22	8.91	220.54	1.44	44.47
5.212	12.89	50.56	1.37	8.92	208.22	1.43	44.47
5.236	12.89	50.56	1.49	8.93	208.56	1.48	44.47
5.242	12.89	50.56	1.41	8.93	219.26	1.4	44.47
5.247	12.89	50.56	1.41	8.93	234.45	1.4	44.47
5.262	12.89	50.56	1.37	8.92	238.62	1.38	44.47
5.287	12.89	50.56	1.3	8.92	215.94	1.49	44.47
5.312	12.89	50.56	1.53	8.91	205.44	1.5	44.48
5.332	12.89	50.56	1.33	8.9	211.38	1.48	44.48
5.346	12.89	50.56	1.33	8.89	225.92	1.4	44.48
5.366	12.89	50.56	1.37	8.89	221.36	1.43	44.48
5.39	12.89	50.56	1.37	8.89	214.59	1.42	44.48
5.415	12.89	50.56	1.26	8.9	213.79	1.5	44.47
5.444	12.89	50.56	1.3	8.9	216.89	1.49	44.47
5.47	12.89	50.56	1.26	8.91	219.77	1.51	44.47
5.482	12.89	50.56	1.49	8.92	211.87	1.44	44.47
5.485	12.89	50.56	1.33	8.92	211.09	1.4	44.47
5.507	12.89	50.56	1.37	8.91	210.7	1.46	44.47
5.549	12.89	50.56	1.37	8.91	209.96	1.5	44.47
5.588	12.89	50.56	1.41	8.91	206.54	1.51	44.47
5.601	12.88	50.56	1.33	8.88	213.89	1.43	44.48
5.617	12.88	50.56	1.45	8.87	209.67	1.4	44.48
5.646	12.88	50.56	1.26	8.88	200.5	1.5	44.48
5.677	12.88	50.56	1.26	8.88	195.91	1.5	44.48

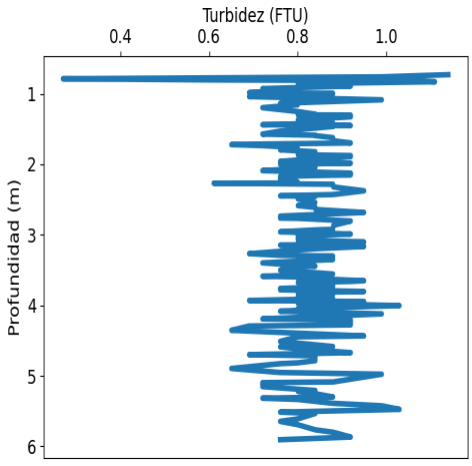
5.701	12.88	50.56	1.45	8.89	196.36	1.48	44.48
5.715	12.89	50.56	1.37	8.97	196.41	1.48	44.48
5.717	12.89	50.57	1.56	8.96	202.23	1.53	44.48
5.722	12.89	50.57	1.3	8.96	200.08	1.44	44.48
5.737	12.89	50.57	1.07	8.97	201.29	1.53	44.48
5.744	12.89	50.57	1.3	8.96	207.45	1.56	44.48
5.745	12.89	50.57	1.3	8.97	198.7	1.79	44.48
5.759	12.89	50.57	1.33	8.98	196.04	1.69	44.48
5.778	12.89	50.57	1.49	8.98	195.09	1.69	44.48
5.789	12.89	50.57	1.33	8.98	202.6	1.54	44.48
5.805	12.89	50.57	1.26	8.98	202.46	1.51	44.48
5.845	12.89	50.57	1.33	8.99	196.68	1.47	44.48
5.853	12.89	50.57	1.26	9.01	192.57	1.43	44.47
5.886	12.89	50.57	1.18	9.02	186.43	1.54	44.48
5.95	12.89	50.57	1.22	9.0	182.16	1.45	44.48
5.966	12.89	50.57	1.22	8.99	179.31	1.51	44.48
6.038	12.89	50.56	1.37	8.99	179.68	1.49	44.47
6.073	12.89	50.57	1.07	8.97	183.3	1.46	44.48
6.117	12.89	50.57	1.14	8.96	179.89	1.53	44.48
6.186	12.89	50.57	1.37	8.96	173.9	1.48	44.48
6.196	12.89	50.57	1.14	8.97	179.31	1.48	44.48
6.221	12.89	50.57	1.26	8.97	169.8	1.54	44.48
6.295	12.89	50.56	1.3	8.97	165.14	1.5	44.48
6.302	12.89	50.56	1.37	8.97	168.51	1.48	44.48
6.328	12.89	50.57	1.33	8.96	163.62	1.53	44.48
6.406	12.89	50.57	1.07	8.96	164.15	1.56	44.48
6.431	12.89	50.57	1.33	8.96	163.17	1.47	44.48
6.448	12.89	50.57	1.26	8.97	160.13	1.48	44.48
6.521	12.89	50.57	1.26	8.98	161.14	1.46	44.48
6.564	12.9	50.57	1.33	9.02	160.21	1.51	44.47
6.581	12.9	50.58	1.49	9.03	158.76	1.57	44.48
6.603	12.9	50.58	1.3	9.05	160.43	1.56	44.48
6.611	12.9	50.58	1.26	9.06	163.35	1.54	44.48
6.614	12.9	50.58	1.37	9.07	161.14	1.46	44.48
6.615	12.9	50.58	1.33	9.06	156.75	1.46	44.47
6.618	12.9	50.58	1.33	9.05	160.73	1.48	44.47

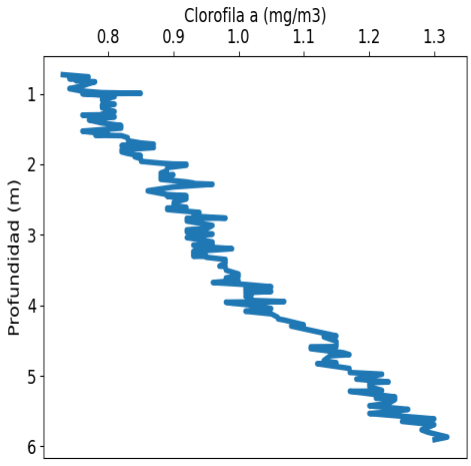
Nombre: CTD E12 - Punto 013 **Fecha: 17/12/2024** **Hora: 10:12:50**

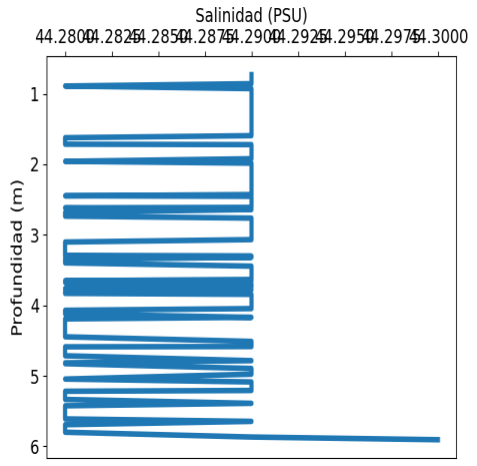


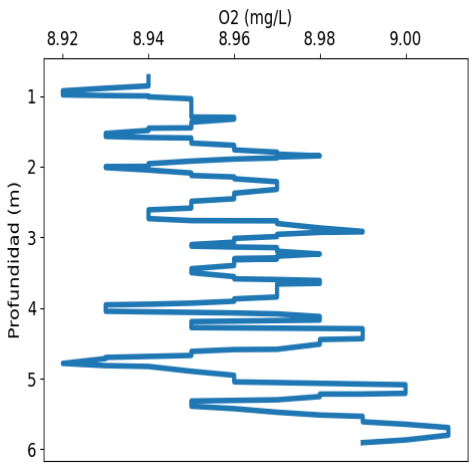


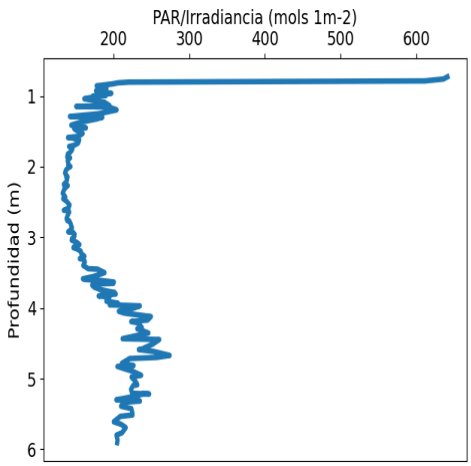












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.08	50.6	0.27	8.92	132.81	0.73	44.28
PROF (metros)	3.398	3.398	0.787	0.927	2.376	0.729	0.89
MÁXIMO	13.1	13.1	1.14	9.01	641.39	1.32	44.3
PROF (metros)	0.729	0.814	0.729	5.692	0.729	5.867	5.905

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.1	50.62	0.83	8.93	302.16	0.77	44.29
1 - 2m	13.1	50.62	0.82	8.95	155.84	0.82	44.29
2 - 3m	13.09	50.61	0.83	8.96	138.98	0.91	44.29
3 - 4m	13.09	50.61	0.83	8.96	174.11	0.98	44.28
4 - 5m	13.09	50.61	0.82	8.96	233.12	1.11	44.28
5 - 6m	13.09	50.61	0.83	8.98	219.28	1.24	44.28

OBSERVACIONES GENERALES

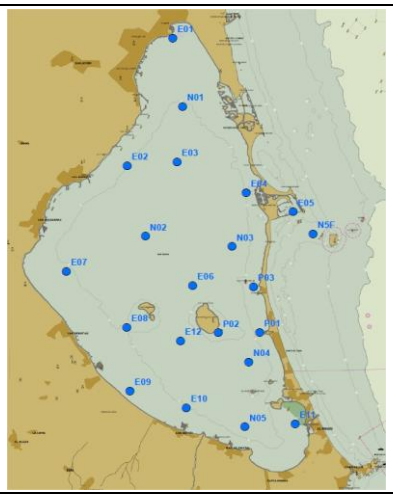
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.729	13.1	50.62	1.14	8.94	641.39	0.73	44.29
0.76	13.1	50.62	0.99	8.94	636.06	0.77	44.29
0.787	13.1	50.62	0.27	8.94	611.34	0.74	44.29
0.804	13.1	50.62	0.61	8.94	219.82	0.76	44.29
0.814	13.1	50.63	1.07	8.94	205.92	0.75	44.29
0.83	13.1	50.62	1.11	8.94	198.24	0.78	44.29
0.857	13.1	50.62	0.8	8.94	177.65	0.77	44.29
0.89	13.1	50.62	0.92	8.93	190.71	0.76	44.28
0.927	13.1	50.62	0.72	8.92	176.83	0.74	44.29
0.962	13.1	50.62	0.76	8.92	197.27	0.76	44.29
0.984	13.1	50.62	0.69	8.92	180.89	0.79	44.29
0.994	13.1	50.62	0.88	8.93	189.83	0.85	44.29
1.0	13.1	50.62	0.88	8.94	172.78	0.76	44.29
1.012	13.1	50.62	0.8	8.94	174.67	0.78	44.29
1.04	13.1	50.62	0.69	8.95	161.32	0.81	44.29
1.086	13.1	50.62	0.99	8.95	187.6	0.79	44.29
1.135	13.1	50.62	0.76	8.95	194.59	0.8	44.29
1.148	13.1	50.62	0.8	8.95	150.56	0.81	44.29
1.157	13.1	50.62	0.8	8.95	194.19	0.79	44.29
1.197	13.1	50.62	0.72	8.95	204.2	0.79	44.29
1.252	13.1	50.62	0.8	8.95	180.27	0.81	44.29
1.29	13.1	50.62	0.84	8.95	142.31	0.79	44.29
1.298	13.1	50.62	0.8	8.95	165.8	0.79	44.29
1.302	13.1	50.62	0.92	8.96	185.35	0.76	44.29
1.327	13.1	50.62	0.92	8.96	176.71	0.81	44.29
1.371	13.1	50.62	0.8	8.95	156.79	0.77	44.29
1.413	13.1	50.62	0.88	8.95	144.1	0.79	44.29
1.439	13.1	50.62	0.72	8.95	154.23	0.81	44.29
1.451	13.1	50.62	0.92	8.95	163.66	0.82	44.29
1.455	13.1	50.62	0.8	8.94	158.25	0.81	44.29
1.463	13.1	50.62	0.88	8.94	148.03	0.82	44.29
1.487	13.1	50.62	0.84	8.94	151.22	0.82	44.29
1.53	13.1	50.62	0.76	8.93	159.35	0.76	44.29
1.572	13.1	50.62	0.72	8.93	153.45	0.8	44.29
1.588	13.1	50.62	0.84	8.94	139.76	0.78	44.29
1.594	13.1	50.62	0.84	8.95	145.34	0.82	44.29

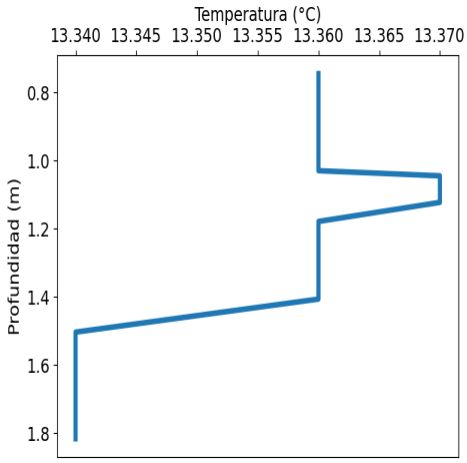
1.623	13.1	50.62	0.88	8.95	154.7	0.83	44.28
1.666	13.1	50.62	0.88	8.95	153.2	0.83	44.28
1.698	13.09	50.61	0.92	8.96	147.93	0.85	44.28
1.715	13.09	50.61	0.69	8.96	141.19	0.87	44.28
1.721	13.09	50.61	0.65	8.96	144.57	0.85	44.29
1.735	13.09	50.62	0.72	8.96	145.78	0.82	44.29
1.763	13.09	50.61	0.8	8.96	145.28	0.87	44.29
1.795	13.09	50.61	0.76	8.97	142.91	0.82	44.29
1.823	13.09	50.62	0.84	8.97	139.47	0.82	44.29
1.847	13.09	50.62	0.84	8.98	139.7	0.83	44.29
1.864	13.09	50.62	0.8	8.97	138.73	0.84	44.29
1.876	13.09	50.61	0.92	8.97	142.74	0.85	44.29
1.892	13.09	50.61	0.92	8.96	140.51	0.84	44.29
1.921	13.09	50.61	0.84	8.95	139.34	0.85	44.29
1.958	13.09	50.61	0.76	8.94	140.57	0.85	44.28
1.984	13.09	50.61	0.92	8.94	140.05	0.88	44.29
1.996	13.09	50.61	0.8	8.94	141.03	0.9	44.29
1.998	13.09	50.61	0.76	8.93	143.24	0.92	44.29
2.013	13.09	50.61	0.84	8.93	140.44	0.92	44.29
2.048	13.09	50.61	0.84	8.94	137.19	0.89	44.29
2.09	13.09	50.61	0.72	8.95	135.83	0.89	44.29
2.125	13.09	50.61	0.92	8.95	138.09	0.88	44.29
2.146	13.09	50.61	0.88	8.96	139.37	0.88	44.29
2.149	13.09	50.61	0.92	8.96	137.58	0.9	44.29
2.171	13.09	50.61	0.76	8.96	138.73	0.88	44.29
2.213	13.09	50.61	0.76	8.97	137.83	0.88	44.29
2.25	13.09	50.61	0.8	8.97	134.33	0.92	44.29
2.266	13.09	50.61	0.76	8.97	134.83	0.93	44.29
2.268	13.09	50.61	0.61	8.97	139.66	0.92	44.29
2.283	13.09	50.61	0.88	8.97	137.86	0.96	44.29
2.321	13.09	50.61	0.88	8.97	134.89	0.9	44.29
2.376	13.09	50.61	0.95	8.96	132.81	0.86	44.29
2.429	13.09	50.62	0.88	8.96	136.34	0.89	44.29
2.447	13.09	50.61	0.76	8.96	134.33	0.92	44.28
2.454	13.09	50.61	0.84	8.96	133.46	0.89	44.29
2.49	13.09	50.61	0.8	8.95	137.96	0.92	44.29
2.542	13.09	50.61	0.84	8.95	141.95	0.9	44.29
2.586	13.09	50.61	0.8	8.95	140.61	0.9	44.29
2.611	13.09	50.61	0.84	8.94	135.21	0.92	44.29
2.617	13.09	50.61	0.84	8.94	134.24	0.91	44.28
2.62	13.09	50.61	0.84	8.94	138.12	0.89	44.28
2.641	13.09	50.61	0.84	8.94	141.55	0.89	44.29
2.683	13.09	50.61	0.95	8.94	139.63	0.94	44.28
2.735	13.09	50.61	0.76	8.94	137.93	0.93	44.28
2.763	13.09	50.61	0.76	8.95	138.79	0.98	44.29
2.766	13.09	50.61	0.8	8.97	141.52	0.92	44.29
2.804	13.09	50.61	0.92	8.97	143.17	0.92	44.29
2.867	13.09	50.61	0.88	8.98	145.18	0.96	44.29
2.916	13.09	50.61	0.88	8.99	141.26	0.95	44.29
2.922	13.09	50.61	0.88	8.99	139.99	0.93	44.29
2.93	13.09	50.61	0.84	8.98	146.53	0.92	44.29
2.958	13.09	50.61	0.76	8.97	148.75	0.92	44.29
2.989	13.09	50.61	0.92	8.97	148.17	0.96	44.29
3.015	13.09	50.61	0.8	8.96	145.31	0.94	44.29
3.039	13.09	50.61	0.8	8.96	144.67	0.92	44.29
3.068	13.09	50.61	0.8	8.96	150.91	0.94	44.29
3.102	13.09	50.61	0.95	8.95	154.98	0.96	44.28
3.125	13.09	50.61	0.8	8.95	152.38	0.96	44.28

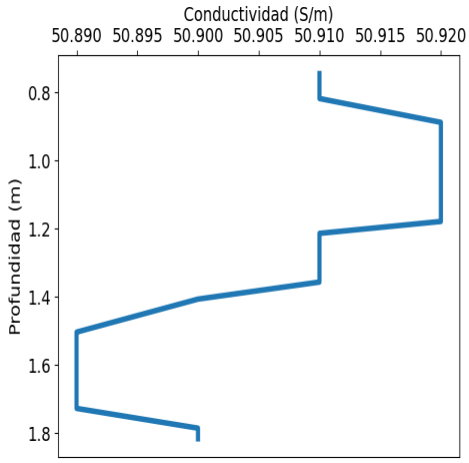
3.137	13.09	50.61	0.84	8.96	147.38	0.96	44.28
3.146	13.09	50.61	0.76	8.97	146.97	0.93	44.28
3.165	13.09	50.61	0.95	8.97	151.99	0.94	44.28
3.197	13.09	50.61	0.84	8.97	156.75	0.99	44.28
3.235	13.09	50.61	0.76	8.98	157.66	0.93	44.28
3.267	13.09	50.61	0.69	8.97	161.62	0.93	44.28
3.29	13.09	50.61	0.76	8.97	156.46	0.95	44.28
3.302	13.09	50.61	0.88	8.96	155.38	0.93	44.29
3.306	13.09	50.61	0.8	8.97	158.84	0.95	44.28
3.318	13.09	50.61	0.84	8.96	161.14	0.95	44.29
3.35	13.09	50.61	0.88	8.96	162.19	0.98	44.28
3.398	13.08	50.6	0.72	8.96	159.95	0.98	44.28
3.444	13.08	50.61	0.84	8.95	166.6	0.97	44.29
3.45	13.08	50.61	0.8	8.95	178.85	0.98	44.29
3.5	13.08	50.61	0.76	8.95	188.16	0.98	44.29
3.556	13.08	50.61	0.88	8.96	173.02	1.0	44.29
3.587	13.08	50.61	0.72	8.96	159.46	1.0	44.29
3.597	13.09	50.61	0.8	8.97	163.66	0.99	44.29
3.611	13.08	50.61	0.8	8.98	183.3	0.98	44.29
3.633	13.08	50.61	0.88	8.98	200.55	0.98	44.29
3.651	13.08	50.61	0.95	8.98	199.9	1.0	44.28
3.661	13.08	50.61	0.92	8.97	177.2	0.98	44.29
3.676	13.08	50.61	0.8	8.97	171.66	0.96	44.28
3.704	13.08	50.61	0.88	8.97	174.39	1.01	44.29
3.737	13.08	50.61	0.88	8.97	181.99	1.05	44.29
3.76	13.08	50.61	0.76	8.97	190.97	1.01	44.28
3.78	13.08	50.61	0.76	8.97	201.52	1.01	44.29
3.803	13.09	50.61	0.95	8.97	203.03	1.05	44.28
3.82	13.09	50.61	0.8	8.97	183.77	1.01	44.28
3.83	13.09	50.61	0.88	8.97	180.27	1.02	44.28
3.844	13.09	50.61	0.88	8.97	194.86	1.02	44.29
3.871	13.09	50.61	0.8	8.96	191.02	1.01	44.29
3.904	13.09	50.61	0.88	8.96	190.49	1.02	44.29
3.931	13.09	50.61	0.69	8.95	205.82	1.02	44.29
3.946	13.09	50.61	0.95	8.94	197.64	1.07	44.29
3.955	13.09	50.61	0.84	8.93	194.86	0.98	44.29
3.97	13.09	50.61	0.8	8.93	234.89	0.99	44.29
4.004	13.09	50.61	1.03	8.93	226.02	1.03	44.29
4.046	13.09	50.61	0.8	8.93	206.87	1.05	44.29
4.07	13.09	50.61	0.8	8.96	213.55	1.02	44.28
4.083	13.09	50.61	0.76	8.97	221.56	1.01	44.28
4.121	13.09	50.61	0.99	8.98	249.48	1.05	44.28
4.17	13.09	50.61	0.8	8.98	245.07	1.06	44.29
4.192	13.09	50.61	0.72	8.95	223.26	1.06	44.28
4.209	13.09	50.61	0.92	8.95	232.24	1.07	44.28
4.277	13.09	50.61	0.92	8.95	237.57	1.1	44.28
4.293	13.09	50.61	0.69	8.99	231.32	1.08	44.28
4.354	13.09	50.61	0.65	8.99	246.21	1.11	44.28
4.434	13.09	50.61	0.95	8.99	211.97	1.15	44.28
4.446	13.09	50.61	0.8	8.98	260.59	1.13	44.28
4.511	13.09	50.62	0.76	8.98	251.8	1.15	44.29
4.584	13.09	50.61	0.88	8.97	236.86	1.15	44.29
4.588	13.09	50.61	0.76	8.96	233.37	1.11	44.28
4.614	13.09	50.61	0.8	8.95	252.56	1.11	44.28
4.671	13.09	50.61	0.92	8.95	274.29	1.16	44.28
4.699	13.09	50.61	0.69	8.93	257.11	1.17	44.28
4.715	13.09	50.61	0.84	8.93	221.36	1.14	44.28
4.784	13.09	50.61	0.84	8.92	210.84	1.13	44.29

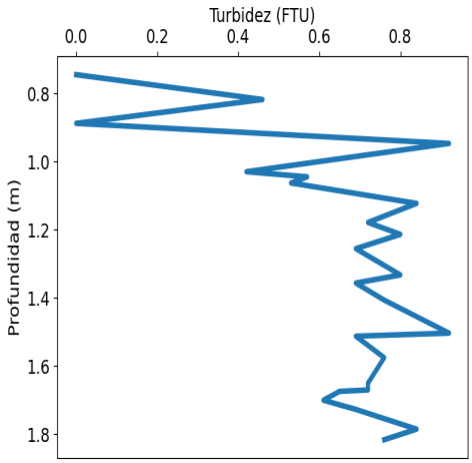
4.815	13.09	50.61	0.8	8.93	226.6	1.15	44.28
4.827	13.09	50.61	0.76	8.94	205.11	1.12	44.28
4.895	13.09	50.62	0.65	8.95	225.08	1.17	44.29
4.952	13.09	50.61	0.76	8.96	236.69	1.17	44.29
4.976	13.09	50.61	0.99	8.96	223.73	1.22	44.29
5.045	13.09	50.61	0.92	8.96	229.51	1.18	44.28
5.086	13.09	50.61	0.88	9.0	231.54	1.23	44.29
5.096	13.09	50.61	0.72	9.0	226.02	1.2	44.29
5.152	13.09	50.61	0.72	9.0	223.01	1.2	44.29
5.207	13.09	50.61	0.84	9.0	224.72	1.22	44.29
5.217	13.09	50.61	0.8	8.99	247.23	1.2	44.28
5.218	13.09	50.61	0.8	8.98	238.34	1.17	44.28
5.253	13.09	50.61	0.84	8.98	226.23	1.2	44.28
5.299	13.09	50.6	0.88	8.97	203.64	1.24	44.28
5.316	13.08	50.6	0.72	8.95	235.0	1.21	44.28
5.334	13.08	50.6	0.8	8.95	213.7	1.24	44.28
5.389	13.08	50.61	0.88	8.95	209.87	1.23	44.29
5.424	13.08	50.6	0.99	8.96	223.68	1.2	44.28
5.475	13.08	50.6	1.03	8.97	224.82	1.26	44.28
5.514	13.09	50.61	0.76	8.98	225.19	1.23	44.28
5.533	13.09	50.6	0.84	8.99	209.14	1.2	44.28
5.61	13.08	50.6	0.8	8.99	200.27	1.3	44.28
5.645	13.09	50.61	0.76	9.0	209.92	1.25	44.29
5.692	13.09	50.61	0.8	9.01	216.24	1.3	44.28
5.765	13.09	50.61	0.84	9.01	211.28	1.28	44.28
5.799	13.09	50.61	0.88	9.01	203.83	1.29	44.28
5.867	13.09	50.61	0.92	9.0	205.44	1.32	44.29
5.905	13.09	50.62	0.76	8.99	204.87	1.3	44.3

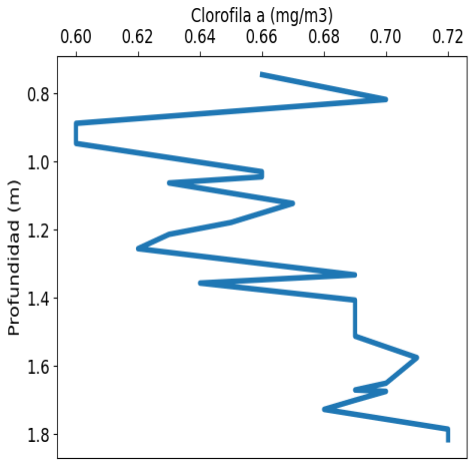
Nombre: CTD P02 - Punto 014 **Fecha: 17/12/2024** **Hora: 11:12:22**

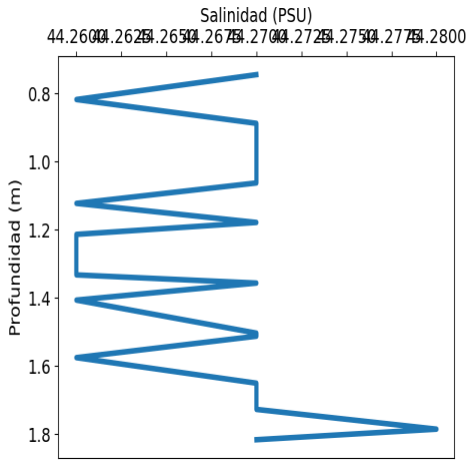


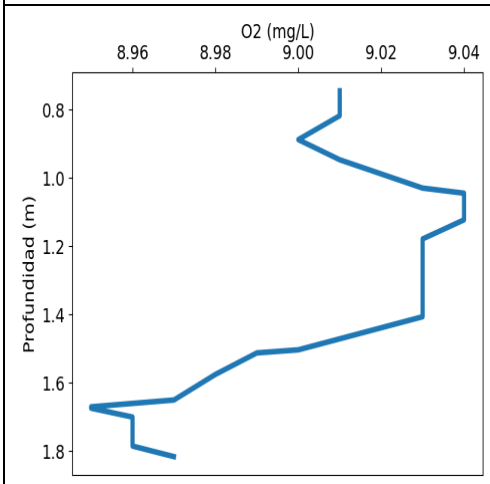


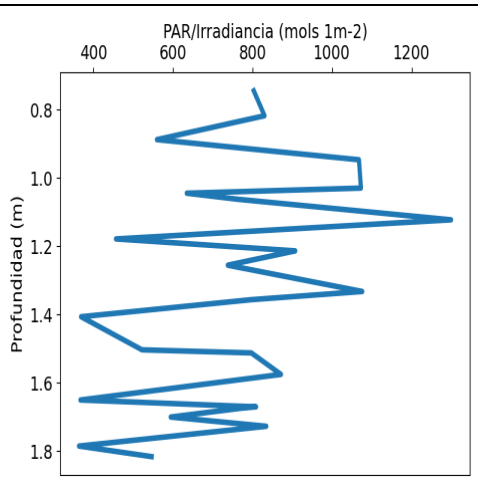












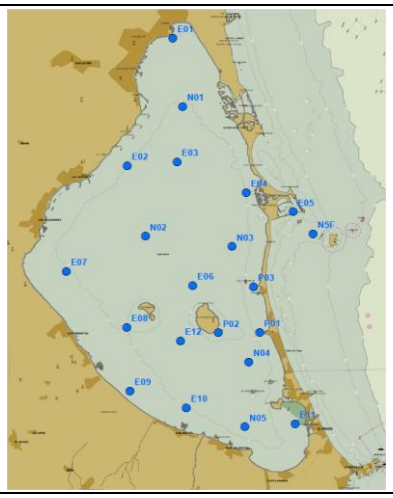
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.34	50.89	0.0	8.95	363.67	0.6	44.26
PROF (metros)	1.504	1.504	0.745	1.671	1.786	0.888	0.818
MÁXIMO	13.37	13.37	0.92	9.04	1299.4	0.72	44.28
PROF (metros)	1.045	0.888	0.947	1.045	1.123	1.786	1.786

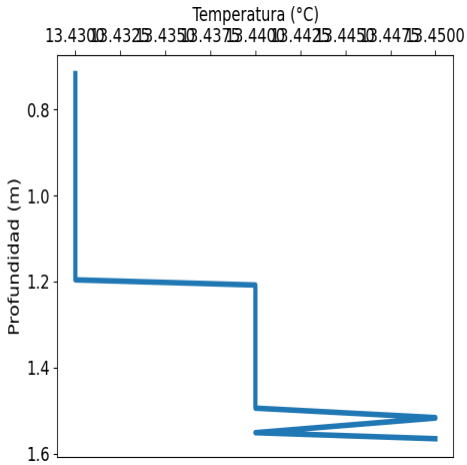
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P02 - Punto 014	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.36	50.92	0.69	9.01	949.02	0.65	44.27
1 - 2m	13.35	50.9	0.71	9.0	729.73	0.68	44.27

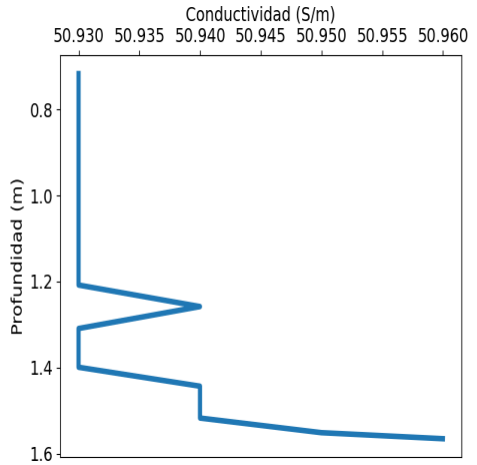
OBSERVACIONES GENERALES

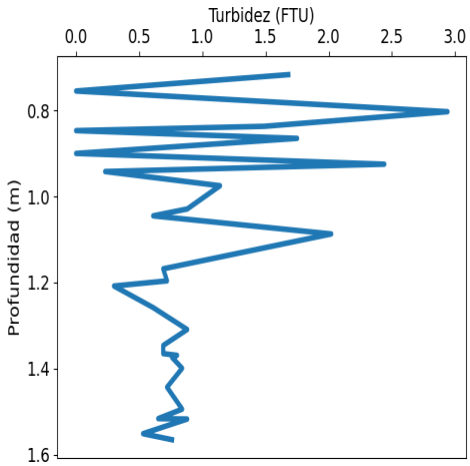
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.745	13.36	50.91	0.0	9.01	803.27	0.66	44.27
0.818	13.36	50.91	0.46	9.01	830.34	0.7	44.26
0.888	13.36	50.92	0.0	9.0	559.54	0.6	44.27
0.947	13.36	50.92	0.92	9.01	1067.7	0.6	44.27
1.03	13.36	50.92	0.42	9.03	1072.7	0.66	44.27
1.045	13.37	50.92	0.57	9.04	634.58	0.66	44.27
1.063	13.37	50.92	0.53	9.04	764.93	0.63	44.27
1.123	13.37	50.92	0.84	9.04	1299.4	0.67	44.26
1.179	13.36	50.92	0.72	9.03	456.62	0.65	44.27
1.214	13.36	50.91	0.8	9.03	907.63	0.63	44.26
1.256	13.36	50.91	0.69	9.03	737.76	0.62	44.26
1.333	13.36	50.91	0.8	9.03	1076.2	0.69	44.26
1.357	13.36	50.91	0.69	9.03	796.96	0.64	44.27
1.407	13.36	50.9	0.76	9.03	368.85	0.69	44.26
1.504	13.34	50.89	0.92	9.0	522.32	0.69	44.27
1.513	13.34	50.89	0.69	8.99	797.15	0.69	44.27
1.576	13.34	50.89	0.76	8.98	871.75	0.71	44.26
1.651	13.34	50.89	0.72	8.97	367.31	0.7	44.27
1.671	13.34	50.89	0.72	8.95	809.25	0.69	44.27
1.675	13.34	50.89	0.65	8.95	771.87	0.7	44.27
1.701	13.34	50.89	0.61	8.96	594.3	0.69	44.27
1.728	13.34	50.89	0.69	8.96	834.77	0.68	44.27
1.786	13.34	50.9	0.84	8.96	363.67	0.72	44.28
1.817	13.34	50.9	0.76	8.97	546.59	0.72	44.27

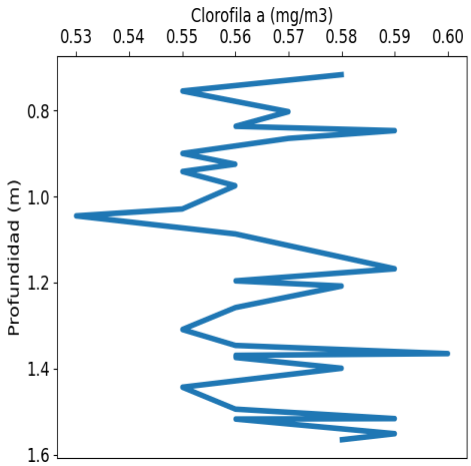
Nombre: CTD P01 - Punto 015 **Fecha: 17/12/2024** **Hora: 11:12:46**

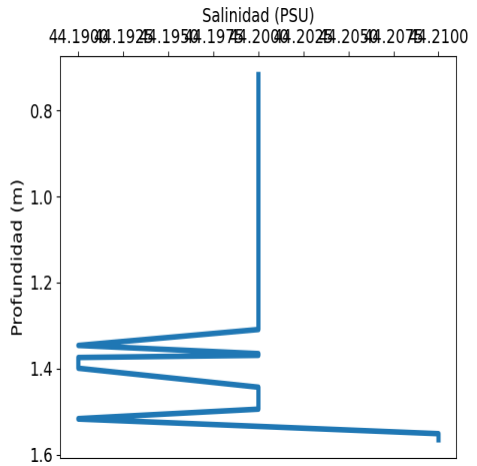


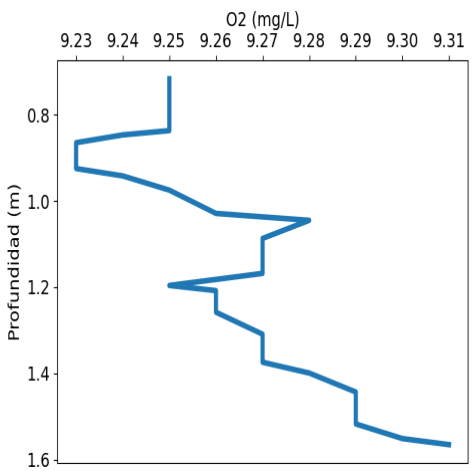


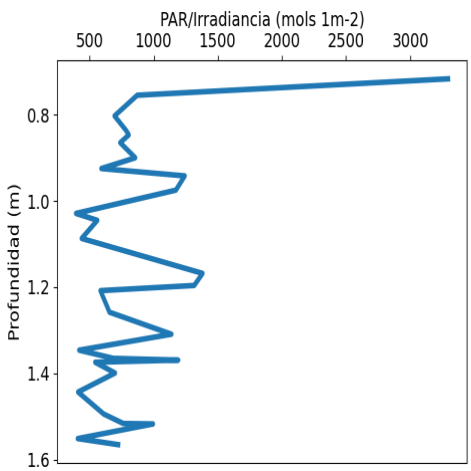












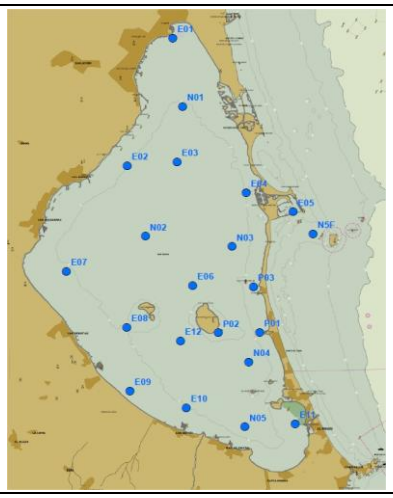
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.43	50.93	0.0	9.23	393.58	0.53	44.19
PROF (metros)	0.717	0.717	0.755	0.865	1.029	1.045	1.346
MÁXIMO	13.45	13.45	2.94	9.31	3295.9	0.6	44.21
PROF (metros)	1.516	1.565	0.803	1.565	0.717	1.365	1.443

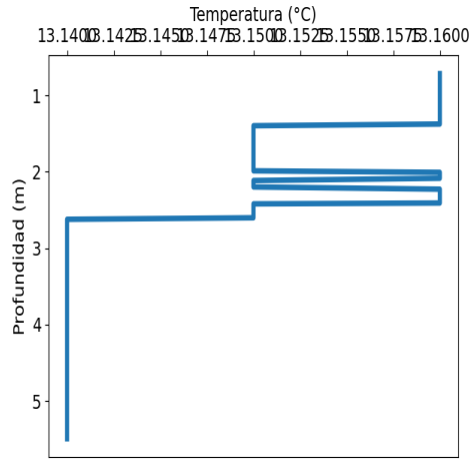
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.43	50.93	1.67	9.24	1217.22	0.56	44.2
1 - 2m	13.44	50.94	0.78	9.28	732.34	0.57	44.2

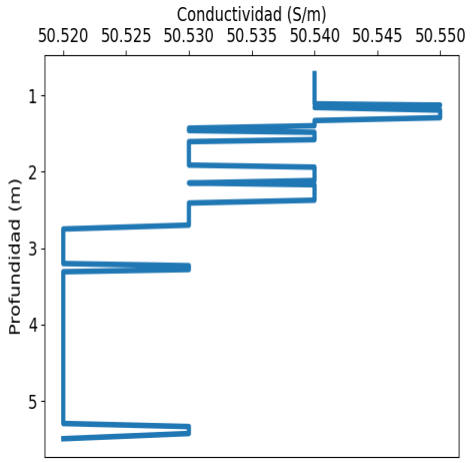
OBSERVACIONES GENERALES

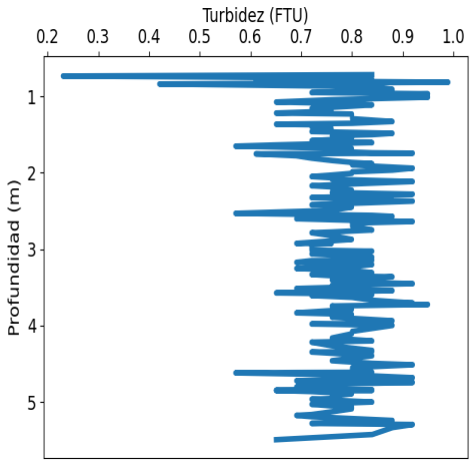
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.717	13.43	50.93	1.68	9.25	3295.9	0.58	44.2
0.755	13.43	50.93	0.0	9.25	871.55	0.55	44.2
0.803	13.43	50.93	2.94	9.25	694.3	0.57	44.2
0.837	13.43	50.93	1.49	9.25	785.59	0.56	44.2
0.847	13.43	50.93	0.0	9.24	805.69	0.59	44.2
0.865	13.43	50.93	1.75	9.23	738.62	0.57	44.2
0.9	13.43	50.93	0.0	9.23	856.33	0.55	44.2
0.925	13.43	50.93	2.44	9.23	591.14	0.56	44.2
0.942	13.43	50.93	0.23	9.24	1242.2	0.55	44.2
0.975	13.43	50.93	1.14	9.25	1172.8	0.56	44.2
1.029	13.43	50.93	0.88	9.26	393.58	0.55	44.2
1.045	13.43	50.93	0.61	9.28	560.58	0.53	44.2
1.087	13.43	50.93	2.02	9.27	438.06	0.56	44.2
1.168	13.43	50.93	0.69	9.27	1381.3	0.59	44.2
1.196	13.43	50.93	0.72	9.25	1315.7	0.56	44.2
1.208	13.44	50.93	0.3	9.26	584.6	0.58	44.2
1.258	13.44	50.94	0.61	9.26	655.21	0.56	44.2
1.309	13.44	50.93	0.88	9.27	1138.8	0.55	44.2
1.346	13.44	50.93	0.69	9.27	418.41	0.56	44.19
1.365	13.44	50.93	0.69	9.27	685.98	0.6	44.2
1.369	13.44	50.93	0.8	9.27	1191.7	0.56	44.2
1.374	13.44	50.93	0.76	9.27	543.31	0.56	44.19
1.399	13.44	50.93	0.84	9.28	698.82	0.58	44.19
1.443	13.44	50.94	0.72	9.29	409.87	0.55	44.2
1.494	13.44	50.94	0.84	9.29	610.07	0.56	44.2
1.516	13.45	50.94	0.65	9.29	763.16	0.59	44.19
1.517	13.45	50.94	0.88	9.29	994.87	0.56	44.19
1.551	13.44	50.95	0.53	9.3	407.22	0.59	44.21
1.565	13.45	50.96	0.76	9.31	723.2	0.58	44.21

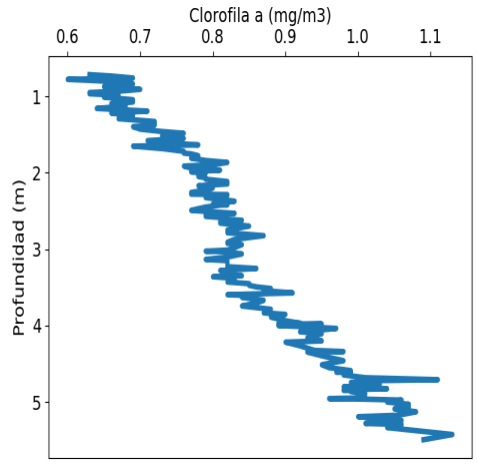
Nombre: CTD N04 - Punto 016 **Fecha: 17/12/2024** **Hora: 11:12:02**

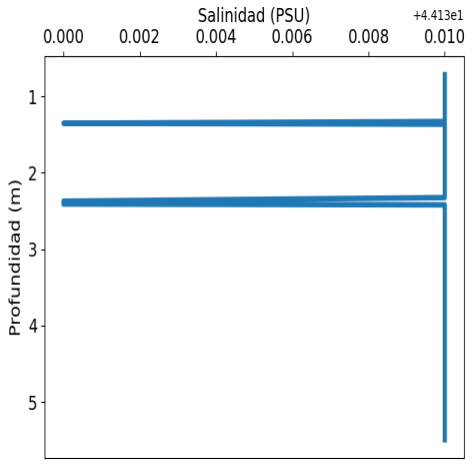


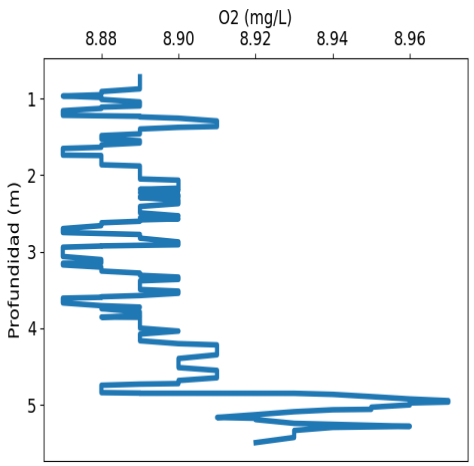


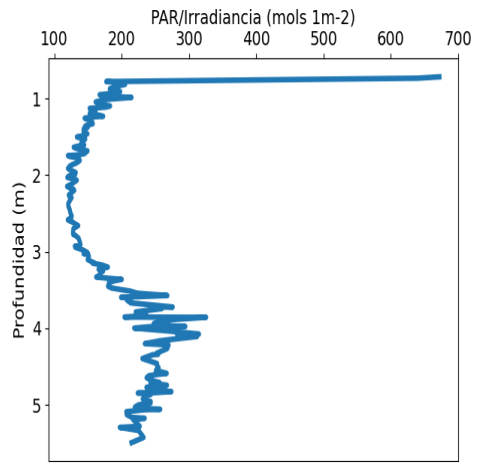












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	13.14	50.52	0.23	8.87	118.83	0.6	44.13
PROF (metros)	2.623	2.75	0.736	0.968	2.148	0.78	1.354
MÁXIMO	13.16	13.16	0.99	8.97	672.6	1.13	44.14
PROF (metros)	0.718	1.13	0.817	4.945	0.718	5.425	0.718

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N04 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.16	50.54	0.75	8.89	274.43	0.66	44.14
1 - 2m	13.15	50.54	0.78	8.89	144.52	0.73	44.14
2 - 3m	13.15	50.53	0.78	8.89	127.2	0.81	44.14
3 - 4m	13.14	50.52	0.8	8.88	205.33	0.85	44.14
4 - 5m	13.14	50.52	0.78	8.91	252.03	0.98	44.14
5 - 6m	13.14	50.52	0.78	8.94	223.67	1.06	44.14

OBSERVACIONES GENERALES

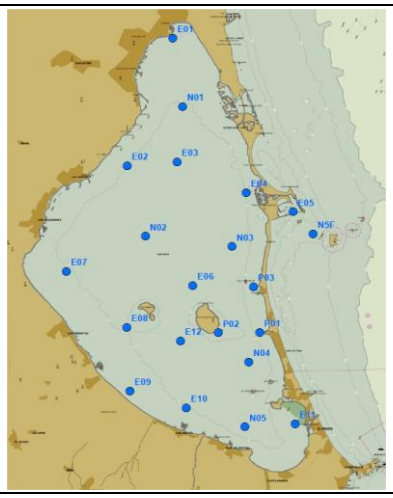
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.718	13.16	50.54	0.84	8.89	672.6	0.63	44.14
0.736	13.16	50.54	0.23	8.89	639.9	0.66	44.14
0.762	13.16	50.54	0.8	8.89	357.82	0.69	44.14
0.78	13.16	50.54	0.84	8.89	177.08	0.6	44.14
0.797	13.16	50.54	0.61	8.89	203.03	0.64	44.14
0.817	13.16	50.54	0.99	8.89	205.25	0.67	44.14
0.84	13.16	50.54	0.42	8.89	192.8	0.69	44.14
0.875	13.16	50.54	0.84	8.89	182.32	0.65	44.14
0.91	13.16	50.54	0.88	8.88	197.91	0.7	44.14
0.935	13.16	50.54	0.8	8.88	185.09	0.67	44.14
0.952	13.16	50.54	0.72	8.88	167.11	0.63	44.14
0.968	13.16	50.54	0.95	8.87	171.86	0.63	44.14
0.987	13.16	50.54	0.84	8.88	214.79	0.67	44.14
1.013	13.16	50.54	0.95	8.88	176.42	0.65	44.14
1.046	13.16	50.54	0.76	8.89	161.29	0.69	44.14
1.076	13.16	50.54	0.65	8.89	169.6	0.69	44.14
1.098	13.16	50.54	0.8	8.89	182.96	0.66	44.14
1.113	13.16	50.54	0.84	8.88	176.67	0.68	44.14
1.13	13.16	50.55	0.8	8.88	152.38	0.68	44.14
1.16	13.16	50.54	0.72	8.87	161.14	0.64	44.14
1.195	13.16	50.55	0.76	8.87	152.49	0.71	44.14
1.22	13.16	50.55	0.65	8.87	166.99	0.66	44.14
1.233	13.16	50.55	0.8	8.89	172.66	0.67	44.14
1.241	13.16	50.55	0.8	8.89	157.15	0.69	44.14
1.258	13.16	50.55	0.8	8.9	144.87	0.69	44.14
1.294	13.16	50.55	0.8	8.91	155.7	0.67	44.14
1.331	13.16	50.54	0.88	8.91	157.08	0.72	44.14
1.354	13.16	50.54	0.8	8.91	147.04	0.72	44.13
1.366	13.16	50.54	0.65	8.91	145.41	0.71	44.14
1.377	13.16	50.54	0.76	8.9	149.62	0.72	44.14
1.399	13.15	50.54	0.72	8.89	143.5	0.69	44.14
1.431	13.15	50.53	0.76	8.89	143.44	0.7	44.14
1.462	13.15	50.53	0.72	8.89	149.13	0.73	44.14
1.485	13.15	50.54	0.88	8.88	143.24	0.76	44.14
1.503	13.15	50.54	0.84	8.88	133.46	0.74	44.14
1.517	13.15	50.54	0.76	8.88	139.21	0.73	44.14

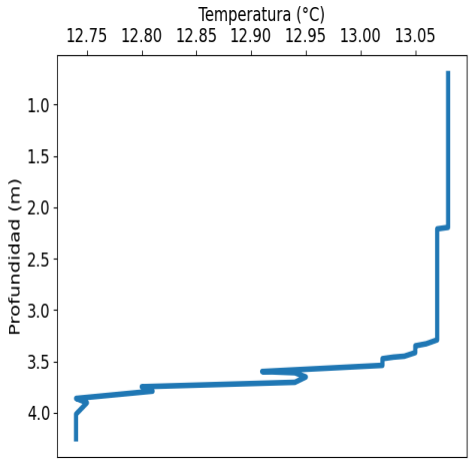
1.53	13.15	50.54	0.8	8.88	145.99	0.75	44.14
1.552	13.15	50.54	0.8	8.89	141.46	0.76	44.14
1.581	13.15	50.54	0.72	8.89	140.02	0.71	44.14
1.607	13.15	50.53	0.84	8.88	144.4	0.74	44.14
1.625	13.15	50.53	0.72	8.88	134.21	0.76	44.14
1.637	13.15	50.53	0.65	8.88	128.66	0.78	44.14
1.653	13.15	50.53	0.57	8.87	133.55	0.69	44.14
1.685	13.15	50.53	0.8	8.87	149.31	0.73	44.14
1.721	13.15	50.53	0.76	8.87	144.54	0.76	44.14
1.74	13.15	50.53	0.84	8.87	132.17	0.76	44.14
1.745	13.15	50.53	0.92	8.88	120.08	0.76	44.14
1.754	13.15	50.53	0.61	8.88	121.39	0.77	44.14
1.779	13.15	50.53	0.69	8.88	135.99	0.78	44.14
1.81	13.15	50.53	0.72	8.88	137.86	0.77	44.14
1.841	13.15	50.53	0.76	8.88	133.0	0.79	44.14
1.866	13.15	50.53	0.8	8.88	126.21	0.82	44.14
1.882	13.15	50.53	0.84	8.89	122.98	0.81	44.14
1.897	13.15	50.53	0.8	8.89	121.59	0.8	44.14
1.914	13.15	50.53	0.84	8.89	120.19	0.76	44.14
1.941	13.15	50.54	0.92	8.89	125.42	0.77	44.14
1.967	13.15	50.54	0.88	8.89	131.77	0.81	44.14
1.989	13.15	50.54	0.8	8.89	130.98	0.77	44.14
2.009	13.16	50.54	0.8	8.89	122.01	0.79	44.14
2.031	13.16	50.54	0.76	8.89	119.24	0.78	44.14
2.051	13.16	50.54	0.72	8.89	129.59	0.78	44.14
2.067	13.16	50.54	0.76	8.9	133.49	0.79	44.14
2.086	13.16	50.54	0.76	8.9	130.43	0.79	44.14
2.116	13.15	50.54	0.92	8.9	125.77	0.82	44.14
2.148	13.15	50.53	0.8	8.9	118.83	0.82	44.14
2.171	13.15	50.54	0.72	8.9	123.43	0.78	44.14
2.186	13.15	50.54	0.76	8.89	128.63	0.79	44.14
2.2	13.15	50.54	0.76	8.9	129.62	0.8	44.14
2.229	13.16	50.54	0.8	8.89	125.48	0.79	44.14
2.259	13.16	50.54	0.76	8.9	121.42	0.77	44.14
2.281	13.16	50.54	0.92	8.89	122.24	0.77	44.14
2.287	13.16	50.54	0.88	8.9	125.16	0.82	44.14
2.295	13.16	50.54	0.88	8.89	125.66	0.82	44.14
2.326	13.16	50.54	0.72	8.9	123.29	0.79	44.14
2.373	13.16	50.54	0.92	8.9	120.66	0.83	44.13
2.41	13.16	50.53	0.76	8.89	120.89	0.8	44.13
2.421	13.15	50.53	0.72	8.89	121.39	0.82	44.14
2.425	13.15	50.53	0.76	8.89	121.48	0.81	44.14
2.45	13.15	50.53	0.8	8.89	122.75	0.79	44.14
2.493	13.15	50.53	0.76	8.89	123.78	0.77	44.14
2.532	13.15	50.53	0.57	8.9	125.69	0.83	44.14
2.558	13.15	50.53	0.84	8.89	125.25	0.79	44.14
2.572	13.15	50.53	0.88	8.9	121.93	0.79	44.14
2.585	13.15	50.53	0.8	8.89	119.88	0.81	44.14
2.603	13.15	50.53	0.69	8.89	123.84	0.81	44.14
2.623	13.14	50.53	0.8	8.88	128.66	0.84	44.14
2.639	13.14	50.53	0.92	8.88	131.16	0.81	44.14
2.66	13.14	50.53	0.8	8.88	135.46	0.81	44.14
2.699	13.14	50.53	0.8	8.87	128.25	0.85	44.14
2.75	13.14	50.52	0.84	8.87	127.65	0.82	44.14
2.776	13.14	50.52	0.76	8.89	127.92	0.82	44.14
2.786	13.14	50.52	0.72	8.89	130.89	0.82	44.14
2.824	13.14	50.52	0.76	8.89	135.96	0.87	44.14
2.873	13.14	50.52	0.8	8.9	137.83	0.83	44.14

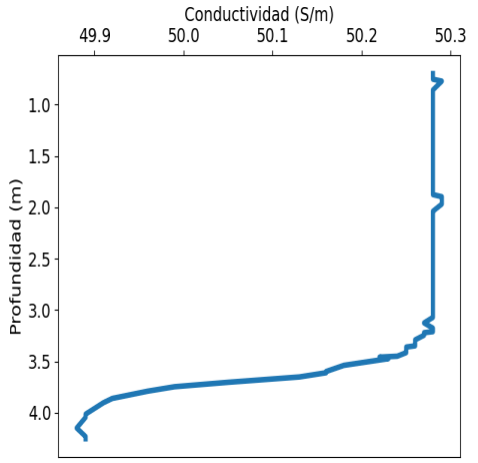
2.91	13.14	50.52	0.72	8.9	138.76	0.82	44.14
2.925	13.14	50.52	0.69	8.88	136.94	0.82	44.14
2.927	13.14	50.52	0.76	8.88	130.49	0.83	44.14
2.942	13.14	50.52	0.72	8.87	130.86	0.84	44.14
2.979	13.14	50.52	0.72	8.87	142.67	0.83	44.14
3.013	13.14	50.52	0.72	8.87	149.34	0.82	44.14
3.027	13.14	50.52	0.84	8.87	143.4	0.79	44.14
3.036	13.14	50.52	0.76	8.87	150.56	0.82	44.14
3.063	13.14	50.52	0.72	8.87	151.33	0.84	44.14
3.104	13.14	50.52	0.84	8.88	149.37	0.82	44.14
3.135	13.14	50.52	0.8	8.88	156.28	0.79	44.14
3.146	13.14	50.52	0.84	8.88	159.17	0.81	44.14
3.151	13.14	50.52	0.72	8.87	157.01	0.82	44.14
3.173	13.14	50.52	0.69	8.87	169.92	0.82	44.14
3.202	13.14	50.52	0.84	8.88	179.64	0.82	44.14
3.23	13.14	50.53	0.8	8.88	165.64	0.82	44.14
3.253	13.14	50.53	0.69	8.88	172.46	0.86	44.14
3.28	13.14	50.53	0.8	8.89	167.96	0.81	44.14
3.309	13.14	50.52	0.84	8.89	167.65	0.82	44.14
3.332	13.14	50.52	0.72	8.9	162.07	0.82	44.14
3.348	13.14	50.52	0.76	8.9	180.85	0.84	44.14
3.362	13.14	50.52	0.88	8.9	200.31	0.8	44.14
3.381	13.14	50.52	0.84	8.89	188.99	0.83	44.14
3.404	13.14	50.52	0.76	8.89	181.02	0.83	44.14
3.43	13.14	50.52	0.8	8.89	181.31	0.82	44.14
3.452	13.14	50.52	0.92	8.89	179.76	0.85	44.14
3.474	13.14	50.52	0.76	8.89	184.83	0.85	44.14
3.494	13.14	50.52	0.8	8.89	197.82	0.86	44.14
3.515	13.14	50.52	0.69	8.9	212.56	0.88	44.14
3.543	13.14	50.52	0.88	8.9	223.42	0.87	44.14
3.573	13.14	50.52	0.65	8.89	268.06	0.91	44.14
3.589	13.14	50.52	0.84	8.88	216.84	0.85	44.14
3.596	13.14	50.52	0.84	8.88	199.06	0.82	44.14
3.607	13.14	50.52	0.72	8.87	214.39	0.85	44.14
3.631	13.14	50.52	0.8	8.87	207.69	0.84	44.14
3.669	13.14	50.52	0.84	8.87	213.6	0.87	44.14
3.705	13.14	50.52	0.92	8.88	255.57	0.86	44.14
3.723	13.14	50.52	0.84	8.89	276.07	0.85	44.14
3.724	13.14	50.52	0.95	8.89	256.81	0.85	44.14
3.744	13.14	50.52	0.76	8.88	259.69	0.84	44.14
3.787	13.14	50.52	0.8	8.89	220.85	0.88	44.14
3.834	13.14	50.52	0.69	8.89	237.35	0.87	44.14
3.854	13.14	50.52	0.8	8.88	204.11	0.9	44.14
3.857	13.14	50.52	0.8	8.89	325.76	0.89	44.14
3.89	13.14	50.52	0.76	8.89	271.19	0.88	44.14
3.937	13.14	50.52	0.88	8.89	247.81	0.9	44.14
3.969	13.14	50.52	0.84	8.89	275.63	0.92	44.14
3.977	13.14	50.52	0.76	8.89	294.86	0.89	44.14
3.979	13.14	50.52	0.72	8.89	243.26	0.95	44.14
3.998	13.14	50.52	0.88	8.89	218.66	0.89	44.14
4.037	13.14	50.52	0.84	8.9	271.88	0.97	44.14
4.076	13.14	50.52	0.8	8.89	315.06	0.93	44.14
4.081	13.14	50.52	0.8	8.89	282.48	0.92	44.14
4.107	13.14	50.52	0.8	8.89	312.16	0.95	44.14
4.163	13.14	50.52	0.76	8.89	257.29	0.93	44.14
4.201	13.14	50.52	0.84	8.9	234.45	0.95	44.14
4.217	13.14	50.52	0.72	8.91	269.81	0.9	44.14
4.265	13.14	50.52	0.76	8.91	267.88	0.92	44.14

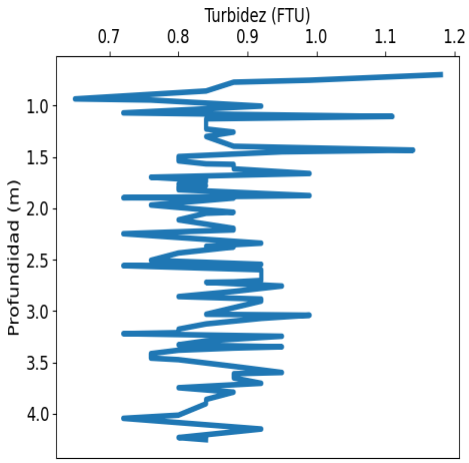
4.325	13.14	50.52	0.84	8.91	252.15	0.94	44.14
4.34	13.14	50.52	0.84	8.91	254.5	0.98	44.14
4.346	13.14	50.52	0.72	8.91	246.03	0.93	44.14
4.395	13.14	50.52	0.84	8.9	230.79	0.95	44.14
4.46	13.14	50.52	0.76	8.9	252.68	0.98	44.14
4.494	13.14	50.52	0.84	8.9	252.8	0.96	44.14
4.513	13.14	50.52	0.92	8.9	254.97	0.95	44.14
4.55	13.14	50.52	0.8	8.91	250.93	0.96	44.14
4.589	13.14	50.52	0.8	8.91	267.13	0.99	44.14
4.61	13.14	50.52	0.84	8.91	246.15	0.97	44.14
4.614	13.14	50.52	0.69	8.91	247.06	0.99	44.14
4.619	13.14	50.52	0.57	8.91	240.51	0.98	44.14
4.646	13.14	50.52	0.8	8.91	237.08	0.98	44.14
4.682	13.14	50.52	0.92	8.9	244.61	1.01	44.14
4.708	13.14	50.52	0.76	8.9	256.4	1.11	44.14
4.722	13.14	50.52	0.69	8.9	242.75	1.01	44.14
4.729	13.14	50.52	0.76	8.89	255.57	1.01	44.14
4.744	13.14	50.52	0.92	8.88	267.51	0.99	44.14
4.771	13.14	50.52	0.72	8.88	236.91	1.03	44.14
4.802	13.14	50.52	0.69	8.88	241.96	0.98	44.14
4.827	13.14	50.52	0.72	8.88	274.16	1.04	44.14
4.84	13.14	50.52	0.84	8.88	249.83	0.98	44.14
4.846	13.14	50.52	0.65	8.89	223.89	0.98	44.14
4.848	13.14	50.52	0.84	8.89	232.56	0.98	44.14
4.849	13.14	50.52	0.65	8.93	240.96	0.99	44.14
4.863	13.14	50.52	0.72	8.94	243.48	0.99	44.14
4.892	13.14	50.52	0.8	8.95	234.4	1.01	44.14
4.923	13.14	50.52	0.76	8.96	231.32	1.0	44.14
4.945	13.14	50.52	0.76	8.97	234.18	1.01	44.14
4.955	13.14	50.52	0.76	8.97	243.14	0.96	44.14
4.963	13.14	50.52	0.72	8.97	240.79	1.01	44.14
4.975	13.14	50.52	0.76	8.96	243.14	1.06	44.14
5.0	13.14	50.52	0.84	8.96	225.14	1.04	44.14
5.03	13.14	50.52	0.72	8.95	219.57	1.07	44.14
5.051	13.14	50.52	0.76	8.95	241.96	1.06	44.14
5.058	13.14	50.52	0.8	8.95	257.47	1.07	44.14
5.064	13.14	50.52	0.8	8.94	233.37	1.06	44.14
5.089	13.14	50.52	0.8	8.93	206.97	1.05	44.14
5.128	13.14	50.52	0.76	8.92	207.59	1.08	44.14
5.164	13.14	50.52	0.72	8.91	215.34	1.06	44.14
5.175	13.14	50.52	0.69	8.92	234.35	1.05	44.14
5.192	13.14	50.52	0.72	8.92	217.09	1.0	44.14
5.241	13.14	50.52	0.88	8.93	222.9	1.06	44.14
5.28	13.14	50.52	0.72	8.96	227.07	1.01	44.14
5.294	13.14	50.52	0.92	8.94	197.23	1.06	44.14
5.334	13.14	50.53	0.88	8.93	225.19	1.04	44.14
5.425	13.14	50.53	0.84	8.93	232.67	1.13	44.14
5.493	13.14	50.52	0.65	8.92	214.79	1.09	44.14

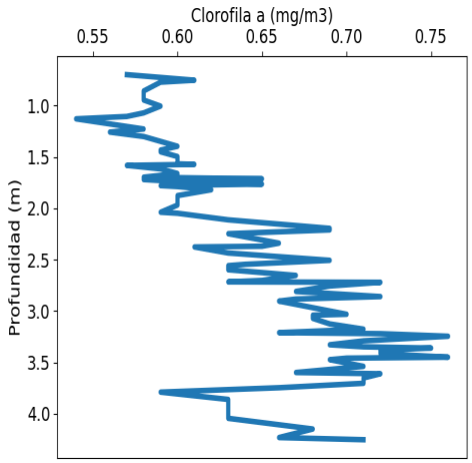
Nombre: CTD E11 - Punto 017 **Fecha: 17/12/2024** **Hora: 11:12:12**

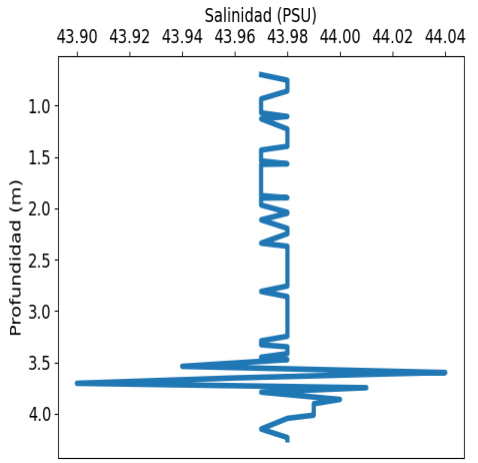


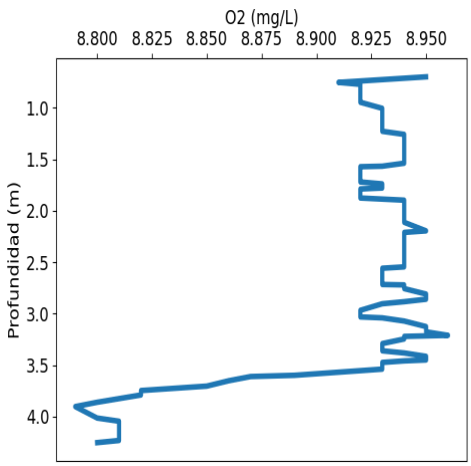


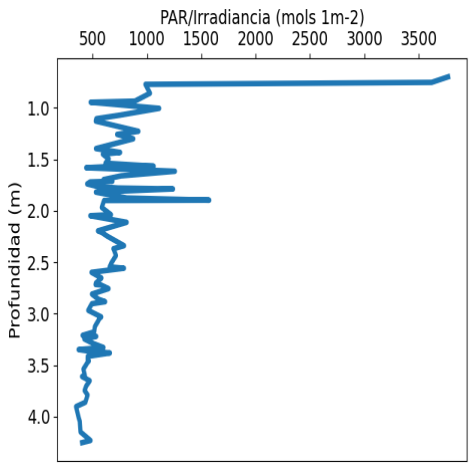












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.74	49.88	0.65	8.79	346.47	0.54	43.9
PROF (metros)	3.861	4.149	0.936	3.903	3.903	1.13	3.704
MÁXIMO	13.08	13.08	1.18	8.96	3771.9	0.76	44.04
PROF (metros)	0.7	0.773	0.7	3.211	0.7	3.246	3.599

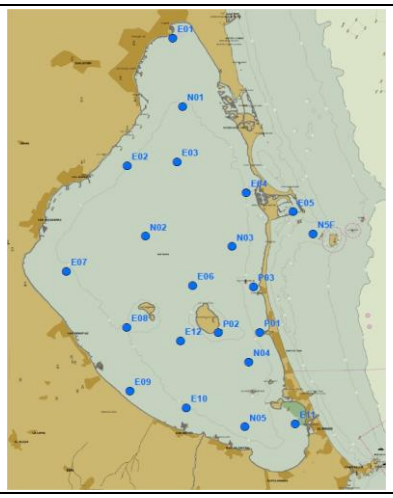
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.08	50.28	0.88	8.92	1795.56	0.58	43.97
1 - 2m	13.08	50.28	0.86	8.93	742.9	0.59	43.97
2 - 3m	13.07	50.28	0.86	8.94	611.86	0.66	43.98
3 - 4m	12.99	50.19	0.85	8.91	473.41	0.7	43.98
4 - 5m	12.74	49.89	0.82	8.81	404.49	0.66	43.98

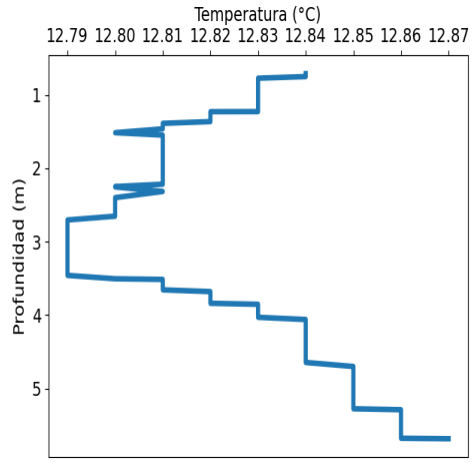
OBSERVACIONES GENERALES

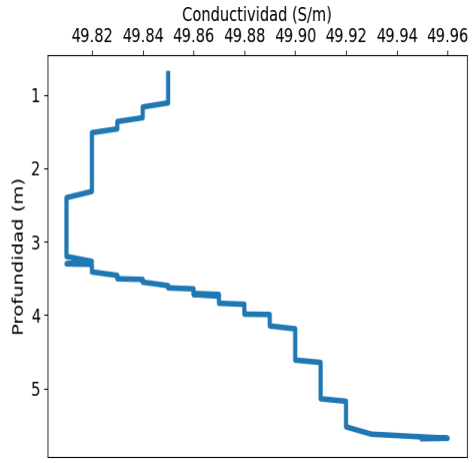
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	13.08	50.28	1.18	8.95	3771.9	0.57	43.97
0.754	13.08	50.28	0.99	8.91	3620.3	0.61	43.98
0.773	13.08	50.29	0.88	8.92	985.01	0.59	43.98
0.859	13.08	50.28	0.84	8.92	1027.7	0.58	43.98
0.936	13.08	50.28	0.65	8.92	887.86	0.58	43.97
0.947	13.08	50.28	0.76	8.92	480.62	0.58	43.97
1.006	13.08	50.28	0.92	8.93	1112.5	0.59	43.97
1.072	13.08	50.28	0.72	8.93	751.75	0.58	43.97
1.107	13.08	50.28	1.11	8.93	533.21	0.57	43.98
1.13	13.08	50.28	0.84	8.93	527.8	0.54	43.97
1.229	13.08	50.28	0.84	8.93	921.19	0.58	43.98
1.259	13.08	50.28	0.88	8.94	724.21	0.56	43.98
1.302	13.08	50.28	0.84	8.94	874.18	0.58	43.98
1.397	13.08	50.28	0.88	8.94	529.39	0.6	43.98
1.434	13.08	50.28	1.14	8.94	753.14	0.59	43.97
1.451	13.08	50.28	0.95	8.94	592.78	0.59	43.97
1.497	13.08	50.28	0.8	8.94	647.66	0.6	43.97
1.539	13.08	50.28	0.8	8.94	617.18	0.6	43.97
1.568	13.08	50.28	0.84	8.93	1061.8	0.6	43.98
1.573	13.08	50.28	0.88	8.92	618.75	0.61	43.97
1.583	13.08	50.28	0.88	8.92	439.38	0.57	43.97
1.617	13.08	50.28	0.88	8.92	1257.3	0.59	43.97
1.662	13.08	50.28	0.99	8.92	760.68	0.6	43.97
1.698	13.08	50.28	0.76	8.92	599.14	0.58	43.97
1.714	13.08	50.28	0.8	8.92	681.7	0.65	43.97
1.721	13.08	50.28	0.84	8.92	476.18	0.58	43.97
1.74	13.08	50.28	0.84	8.93	448.54	0.6	43.97
1.765	13.08	50.28	0.8	8.93	543.18	0.65	43.97
1.78	13.08	50.28	0.84	8.93	729.94	0.59	43.97
1.789	13.08	50.28	0.8	8.92	1239.9	0.6	43.97
1.82	13.08	50.28	0.8	8.92	528.77	0.62	43.97
1.877	13.08	50.28	0.99	8.92	813.01	0.6	43.97
1.898	13.08	50.29	0.72	8.94	1573.1	0.6	43.98
1.901	13.08	50.29	0.88	8.94	604.3	0.6	43.97
1.969	13.08	50.29	0.76	8.94	583.51	0.6	43.97
2.039	13.08	50.28	0.88	8.94	668.71	0.59	43.98
2.049	13.08	50.28	0.84	8.94	477.73	0.6	43.98

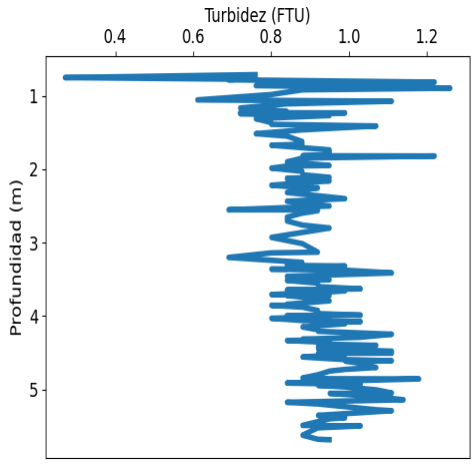
2.113	13.08	50.28	0.8	8.94	813.01	0.63	43.97
2.196	13.08	50.28	0.88	8.95	547.61	0.69	43.98
2.211	13.07	50.28	0.88	8.94	582.57	0.69	43.98
2.248	13.07	50.28	0.72	8.94	634.58	0.63	43.98
2.34	13.07	50.28	0.92	8.94	789.06	0.66	43.97
2.37	13.07	50.28	0.84	8.94	689.97	0.65	43.98
2.377	13.07	50.28	0.88	8.94	694.62	0.61	43.98
2.436	13.07	50.28	0.8	8.94	714.21	0.63	43.98
2.507	13.07	50.28	0.76	8.94	672.6	0.69	43.98
2.546	13.07	50.28	0.92	8.94	655.67	0.64	43.98
2.559	13.07	50.28	0.72	8.93	788.33	0.63	43.98
2.599	13.07	50.28	0.92	8.93	488.59	0.63	43.98
2.654	13.07	50.28	0.92	8.93	580.68	0.67	43.98
2.703	13.07	50.28	0.92	8.93	529.51	0.65	43.98
2.717	13.07	50.28	0.88	8.93	526.21	0.63	43.98
2.721	13.07	50.28	0.84	8.94	574.39	0.72	43.98
2.757	13.07	50.28	0.95	8.94	646.16	0.69	43.98
2.81	13.07	50.28	0.88	8.95	492.57	0.67	43.97
2.86	13.07	50.28	0.8	8.95	552.2	0.72	43.98
2.884	13.07	50.28	0.92	8.94	615.04	0.67	43.98
2.904	13.07	50.28	0.92	8.93	492.0	0.66	43.98
2.968	13.07	50.28	0.88	8.92	458.74	0.68	43.98
3.032	13.07	50.28	0.84	8.92	579.07	0.7	43.98
3.041	13.07	50.28	0.99	8.93	565.67	0.68	43.98
3.072	13.07	50.28	0.92	8.94	549.64	0.68	43.98
3.126	13.07	50.27	0.84	8.95	519.9	0.69	43.98
3.177	13.07	50.28	0.8	8.95	513.79	0.71	43.98
3.211	13.07	50.28	0.8	8.96	406.09	0.66	43.98
3.221	13.07	50.27	0.72	8.94	533.33	0.72	43.98
3.246	13.07	50.27	0.95	8.94	422.51	0.76	43.98
3.291	13.07	50.26	0.84	8.93	506.7	0.71	43.97
3.329	13.06	50.26	0.8	8.93	599.55	0.69	43.97
3.349	13.05	50.26	0.95	8.93	369.7	0.71	43.98
3.361	13.05	50.25	0.88	8.93	445.64	0.75	43.98
3.382	13.05	50.25	0.8	8.94	659.02	0.72	43.98
3.415	13.05	50.25	0.76	8.95	454.19	0.72	43.98
3.45	13.04	50.24	0.76	8.95	453.77	0.76	43.97
3.459	13.03	50.22	0.76	8.94	465.16	0.7	43.97
3.474	13.02	50.23	0.8	8.93	452.41	0.69	43.98
3.539	13.02	50.18	0.88	8.93	414.26	0.71	43.94
3.599	12.91	50.16	0.95	8.89	427.33	0.67	44.04
3.611	12.94	50.16	0.88	8.87	401.22	0.72	44.02
3.652	12.95	50.13	0.88	8.86	472.99	0.71	43.96
3.704	12.94	50.05	0.92	8.85	439.49	0.71	43.9
3.747	12.8	49.99	0.8	8.82	425.26	0.66	44.01
3.79	12.81	49.96	0.88	8.82	453.14	0.59	43.97
3.861	12.74	49.92	0.84	8.8	432.31	0.63	44.0
3.903	12.75	49.91	0.84	8.79	346.47	0.63	43.99
4.014	12.74	49.89	0.8	8.8	371.68	0.63	43.99
4.045	12.74	49.89	0.72	8.81	380.66	0.63	43.98
4.149	12.74	49.88	0.92	8.81	387.6	0.68	43.97
4.232	12.74	49.89	0.8	8.81	480.17	0.66	43.98
4.253	12.74	49.89	0.84	8.8	402.34	0.71	43.98

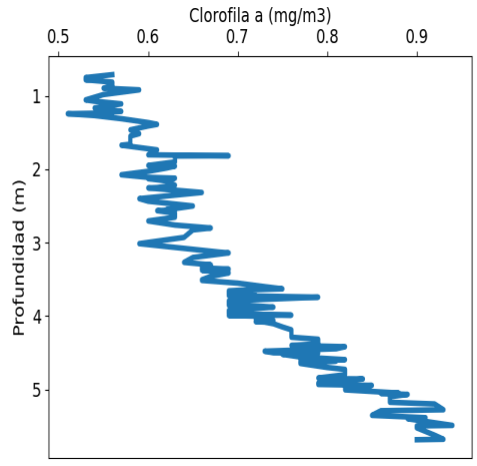
Nombre: CTD N05 - Punto 018 **Fecha: 17/12/2024** **Hora: 11:12:31**

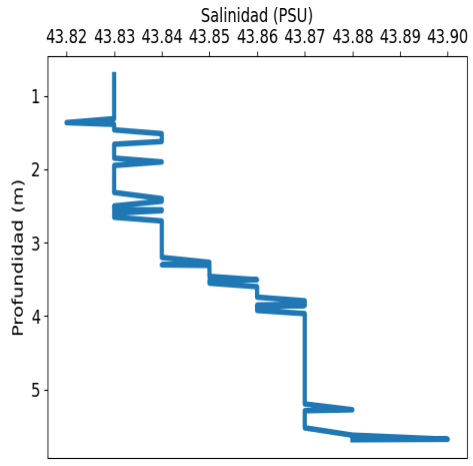


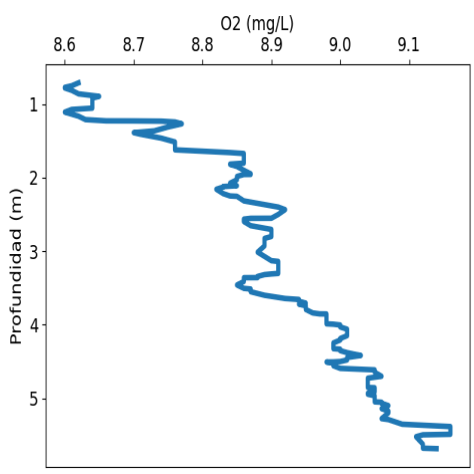


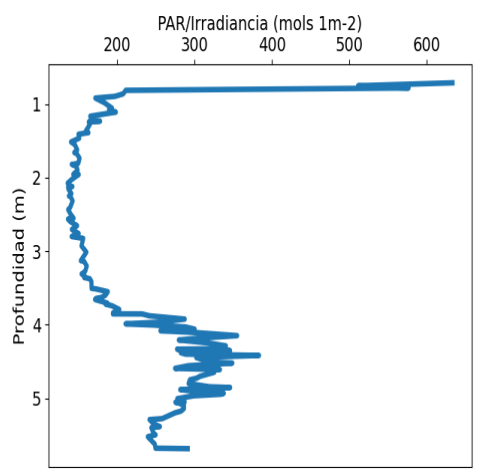












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.79	49.81	0.27	8.6	136.62	0.51	43.82
PROF (metros)	2.706	2.402	0.753	0.775	2.077	1.245	1.366
MÁXIMO	12.87	12.87	1.26	9.16	632.97	0.94	43.9
PROF (metros)	5.686	5.68	0.897	5.386	0.713	5.491	5.68

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.83	49.85	0.82	8.62	360.89	0.55	43.83
1 - 2m	12.82	49.83	0.86	8.76	158.68	0.59	43.83
2 - 3m	12.8	49.81	0.88	8.87	142.2	0.62	43.83
3 - 4m	12.81	49.85	0.89	8.92	184.21	0.69	43.86
4 - 5m	12.84	49.9	0.97	9.02	310.97	0.78	43.87
5 - 6m	12.86	49.92	0.98	9.09	264.77	0.89	43.87

OBSERVACIONES GENERALES

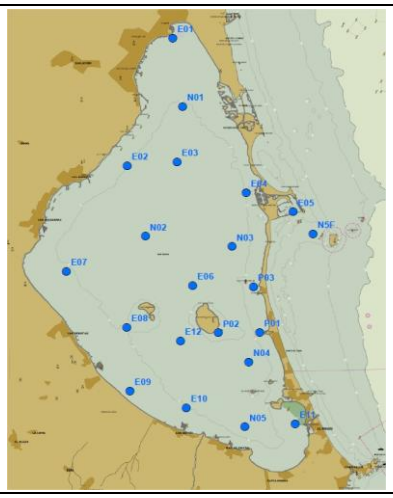
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	12.84	49.85	0.76	8.62	632.97	0.56	43.83
0.753	12.84	49.85	0.27	8.61	511.18	0.53	43.83
0.775	12.83	49.85	0.72	8.6	553.99	0.54	43.83
0.783	12.83	49.85	0.69	8.6	576.39	0.53	43.83
0.815	12.83	49.85	1.22	8.61	211.53	0.56	43.83
0.863	12.83	49.85	0.76	8.62	208.12	0.56	43.83
0.897	12.83	49.85	1.26	8.65	197.59	0.55	43.83
0.92	12.83	49.85	0.88	8.64	172.26	0.59	43.83
0.984	12.83	49.85	0.8	8.64	184.02	0.55	43.83
1.057	12.83	49.85	0.61	8.64	193.78	0.53	43.83
1.075	12.83	49.85	1.11	8.61	189.92	0.54	43.83
1.111	12.83	49.85	0.84	8.6	198.83	0.57	43.83
1.167	12.83	49.84	0.72	8.62	165.72	0.54	43.83
1.213	12.83	49.84	0.84	8.63	170.08	0.57	43.83
1.23	12.83	49.84	0.8	8.66	165.37	0.55	43.83
1.231	12.82	49.84	0.72	8.7	177.08	0.55	43.83
1.234	12.82	49.84	0.99	8.74	178.52	0.56	43.83
1.245	12.82	49.84	0.72	8.76	163.85	0.51	43.83
1.27	12.82	49.84	0.95	8.77	165.57	0.54	43.83
1.313	12.82	49.84	0.76	8.75	163.35	0.57	43.83
1.366	12.82	49.83	0.8	8.73	160.17	0.6	43.82
1.39	12.81	49.83	0.8	8.7	163.43	0.61	43.83
1.412	12.81	49.83	1.07	8.71	150.49	0.6	43.83
1.465	12.81	49.83	0.88	8.74	151.57	0.58	43.83
1.517	12.8	49.82	0.76	8.76	140.9	0.59	43.84
1.55	12.81	49.82	0.84	8.76	145.65	0.58	43.84
1.624	12.81	49.82	0.88	8.76	148.96	0.58	43.84
1.661	12.81	49.82	0.88	8.84	145.11	0.58	43.83
1.674	12.81	49.82	0.8	8.86	148.24	0.57	43.83
1.738	12.81	49.82	0.95	8.86	151.96	0.61	43.83
1.805	12.81	49.82	0.95	8.86	150.38	0.6	43.83
1.818	12.81	49.82	0.88	8.84	145.41	0.69	43.83
1.821	12.81	49.82	1.22	8.84	141.85	0.63	43.83
1.85	12.81	49.82	0.88	8.85	148.03	0.63	43.83
1.902	12.81	49.82	0.84	8.86	149.37	0.63	43.84
1.95	12.81	49.82	0.95	8.87	144.74	0.6	43.83

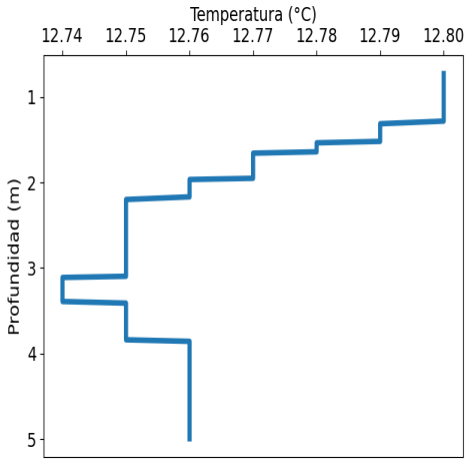
1.958	12.81	49.82	0.84	8.87	143.8	0.62	43.83
1.959	12.81	49.82	0.84	8.86	150.94	0.63	43.83
1.986	12.81	49.82	0.8	8.85	147.18	0.62	43.83
2.03	12.81	49.82	0.88	8.85	141.49	0.6	43.83
2.077	12.81	49.82	0.88	8.84	136.62	0.57	43.83
2.112	12.81	49.82	0.95	8.85	139.28	0.6	43.83
2.123	12.81	49.82	0.84	8.83	142.77	0.63	43.83
2.13	12.81	49.82	0.84	8.83	137.13	0.6	43.83
2.16	12.81	49.82	0.95	8.82	137.7	0.62	43.83
2.219	12.81	49.82	0.8	8.83	141.46	0.63	43.83
2.251	12.8	49.82	0.88	8.84	138.18	0.61	43.83
2.256	12.8	49.82	0.92	8.85	140.18	0.6	43.83
2.318	12.81	49.82	0.84	8.86	143.01	0.66	43.83
2.402	12.8	49.81	0.99	8.91	140.05	0.59	43.84
2.437	12.8	49.81	0.84	8.92	137.26	0.6	43.84
2.502	12.8	49.81	0.95	8.91	140.64	0.65	43.83
2.554	12.8	49.81	0.69	8.9	144.3	0.62	43.83
2.555	12.8	49.81	0.92	8.87	138.89	0.63	43.84
2.566	12.8	49.81	0.92	8.86	136.97	0.61	43.84
2.599	12.8	49.81	0.88	8.86	140.02	0.63	43.83
2.655	12.8	49.81	0.84	8.87	148.79	0.63	43.83
2.706	12.79	49.81	0.84	8.9	142.01	0.6	43.84
2.762	12.79	49.81	0.88	8.9	150.84	0.63	43.84
2.802	12.79	49.81	0.95	8.9	141.75	0.67	43.84
2.828	12.79	49.81	0.92	8.89	156.72	0.65	43.84
2.93	12.79	49.81	0.8	8.89	154.44	0.64	43.84
3.015	12.79	49.81	0.88	8.88	160.76	0.59	43.84
3.131	12.79	49.81	0.92	8.9	153.59	0.68	43.84
3.141	12.79	49.81	0.8	8.91	157.81	0.69	43.84
3.203	12.79	49.81	0.69	8.91	161.25	0.65	43.84
3.27	12.79	49.82	0.88	8.91	159.39	0.64	43.85
3.304	12.79	49.81	0.84	8.91	155.85	0.67	43.84
3.311	12.79	49.82	0.84	8.9	154.52	0.66	43.85
3.32	12.79	49.82	0.99	8.89	155.81	0.67	43.85
3.345	12.79	49.82	0.84	8.88	158.98	0.66	43.85
3.361	12.79	49.82	0.84	8.88	157.96	0.69	43.85
3.362	12.79	49.82	0.8	8.86	159.21	0.69	43.85
3.377	12.79	49.82	0.99	8.86	165.22	0.66	43.85
3.414	12.79	49.82	1.11	8.86	167.26	0.69	43.85
3.461	12.79	49.83	0.84	8.85	167.38	0.67	43.85
3.507	12.8	49.83	0.95	8.86	167.42	0.66	43.86
3.516	12.81	49.84	0.84	8.87	173.66	0.66	43.85
3.553	12.81	49.84	0.92	8.87	188.42	0.7	43.85
3.601	12.81	49.85	0.92	8.89	185.22	0.73	43.86
3.631	12.81	49.85	1.03	8.91	180.18	0.75	43.86
3.645	12.81	49.86	0.84	8.92	172.98	0.71	43.86
3.658	12.81	49.86	0.99	8.94	171.9	0.69	43.86
3.682	12.82	49.86	0.92	8.94	179.35	0.69	43.86
3.708	12.82	49.86	0.8	8.95	187.99	0.69	43.86
3.72	12.82	49.87	0.95	8.94	186.34	0.72	43.86
3.722	12.82	49.86	0.84	8.94	185.56	0.69	43.86
3.744	12.82	49.87	0.88	8.95	193.83	0.79	43.86
3.794	12.82	49.87	0.95	8.95	203.26	0.69	43.87
3.841	12.82	49.87	0.84	8.96	195.0	0.69	43.87
3.854	12.83	49.88	0.88	8.97	194.96	0.69	43.86
3.855	12.83	49.88	0.8	8.98	232.67	0.71	43.87
3.88	12.83	49.88	0.88	8.98	241.96	0.74	43.86
3.925	12.83	49.88	0.92	8.98	287.63	0.69	43.86

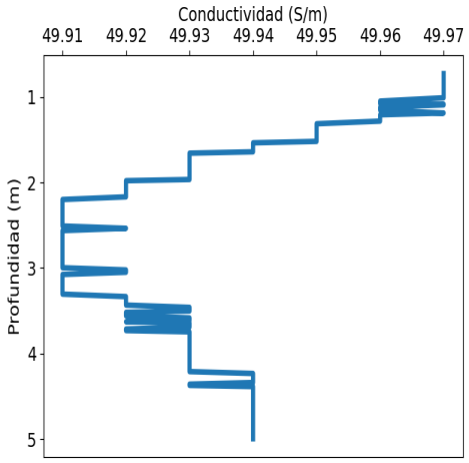
3.968	12.83	49.88	0.92	8.98	253.44	0.69	43.87
3.989	12.83	49.88	1.03	8.98	211.28	0.76	43.87
3.994	12.83	49.89	0.84	8.99	219.37	0.69	43.87
4.005	12.83	49.89	0.95	9.0	245.64	0.73	43.87
4.032	12.83	49.89	0.8	9.0	288.44	0.72	43.87
4.062	12.84	49.89	0.88	9.01	300.44	0.74	43.87
4.077	12.84	49.89	1.03	9.01	300.44	0.72	43.87
4.083	12.84	49.89	0.99	9.01	256.22	0.73	43.87
4.106	12.84	49.89	0.99	9.01	298.16	0.74	43.87
4.15	12.84	49.89	0.88	9.01	355.26	0.75	43.87
4.189	12.84	49.9	0.92	9.0	300.58	0.76	43.87
4.209	12.84	49.9	0.92	9.0	279.94	0.76	43.87
4.249	12.84	49.9	1.11	8.99	317.7	0.76	43.87
4.29	12.84	49.9	1.03	8.99	340.82	0.76	43.87
4.317	12.84	49.9	0.88	8.99	324.25	0.79	43.87
4.327	12.84	49.9	0.95	8.99	337.52	0.79	43.87
4.334	12.84	49.9	0.84	9.0	277.68	0.79	43.87
4.354	12.84	49.9	0.92	9.0	346.15	0.79	43.87
4.381	12.84	49.9	0.92	9.01	282.35	0.79	43.87
4.401	12.84	49.9	1.07	9.02	288.57	0.76	43.87
4.419	12.84	49.9	0.92	9.03	383.49	0.82	43.87
4.447	12.84	49.9	0.92	9.01	302.47	0.81	43.87
4.48	12.84	49.9	1.11	9.01	312.08	0.73	43.87
4.502	12.84	49.9	1.11	9.0	325.23	0.74	43.87
4.507	12.84	49.9	1.11	8.99	312.59	0.79	43.87
4.508	12.84	49.9	0.92	8.98	319.4	0.76	43.87
4.523	12.84	49.9	0.99	8.99	349.05	0.75	43.87
4.559	12.84	49.9	0.88	8.99	292.27	0.77	43.87
4.595	12.84	49.9	0.99	9.0	275.11	0.82	43.87
4.611	12.84	49.9	1.11	9.04	333.09	0.77	43.87
4.615	12.84	49.9	0.99	9.05	318.96	0.81	43.87
4.647	12.84	49.91	1.03	9.05	325.76	0.77	43.87
4.702	12.85	49.91	1.07	9.06	307.49	0.8	43.87
4.728	12.85	49.91	0.99	9.04	302.96	0.82	43.87
4.751	12.85	49.91	0.95	9.04	294.24	0.82	43.87
4.801	12.85	49.91	0.92	9.04	292.61	0.82	43.87
4.845	12.85	49.91	0.88	9.04	319.33	0.79	43.87
4.855	12.85	49.91	0.95	9.04	346.23	0.81	43.87
4.858	12.85	49.91	1.18	9.05	334.71	0.84	43.87
4.884	12.85	49.91	0.99	9.05	281.76	0.82	43.87
4.914	12.85	49.91	0.84	9.05	308.7	0.79	43.87
4.933	12.85	49.91	1.03	9.04	338.06	0.79	43.87
4.946	12.85	49.91	0.92	9.04	334.56	0.85	43.87
4.967	12.85	49.91	0.99	9.05	299.4	0.82	43.87
5.007	12.85	49.91	1.07	9.05	278.0	0.82	43.87
5.05	12.85	49.91	1.11	9.05	287.57	0.88	43.87
5.055	12.85	49.91	0.95	9.06	275.5	0.86	43.87
5.069	12.85	49.91	0.99	9.06	280.78	0.89	43.87
5.101	12.85	49.91	1.07	9.07	286.64	0.87	43.87
5.142	12.85	49.91	1.14	9.06	286.57	0.87	43.87
5.176	12.85	49.92	0.84	9.07	282.68	0.87	43.87
5.199	12.85	49.92	0.92	9.07	275.05	0.92	43.87
5.278	12.85	49.92	1.07	9.06	258.61	0.93	43.88
5.291	12.86	49.92	1.11	9.07	242.19	0.86	43.87
5.354	12.86	49.92	0.92	9.09	248.33	0.85	43.87
5.386	12.86	49.92	0.99	9.16	255.63	0.91	43.87
5.401	12.86	49.92	0.95	9.16	244.5	0.89	43.87
5.491	12.86	49.92	0.88	9.16	248.21	0.94	43.87

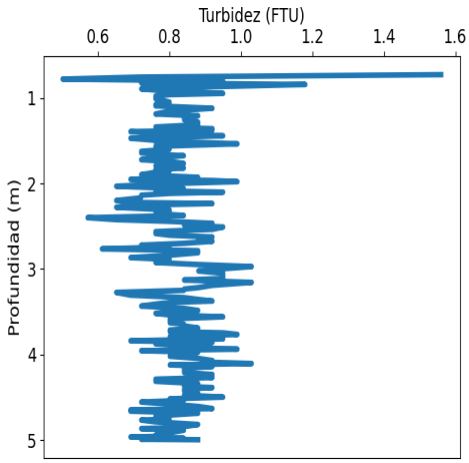
5.498	12.86	49.92	1.03	9.12	250.12	0.9	43.87
5.524	12.86	49.92	0.92	9.11	239.95	0.9	43.87
5.624	12.86	49.93	0.88	9.12	248.96	0.92	43.88
5.68	12.86	49.96	0.92	9.12	249.88	0.93	43.9
5.686	12.87	49.95	0.95	9.14	291.53	0.9	43.88

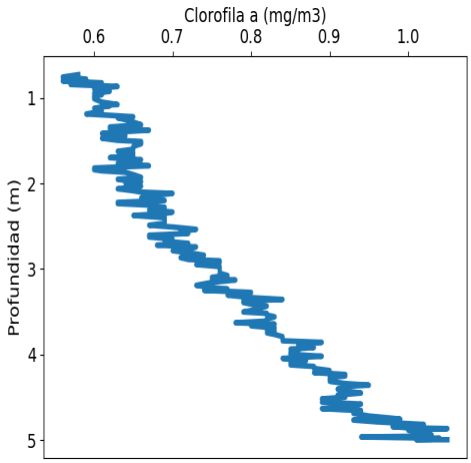
Nombre: CTD E10 - Punto 019 **Fecha: 17/12/2024** **Hora: 11:12:08**

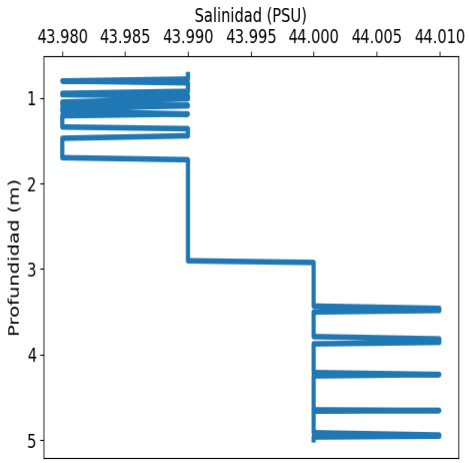


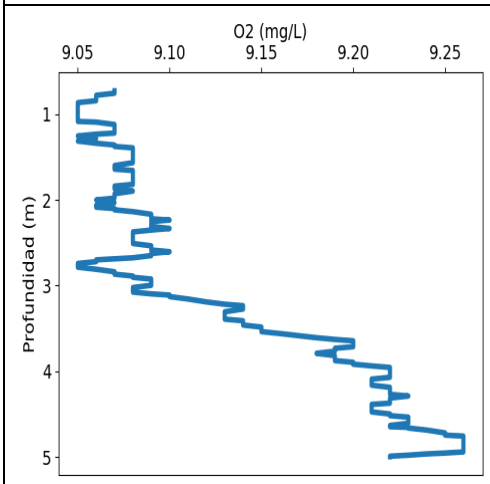


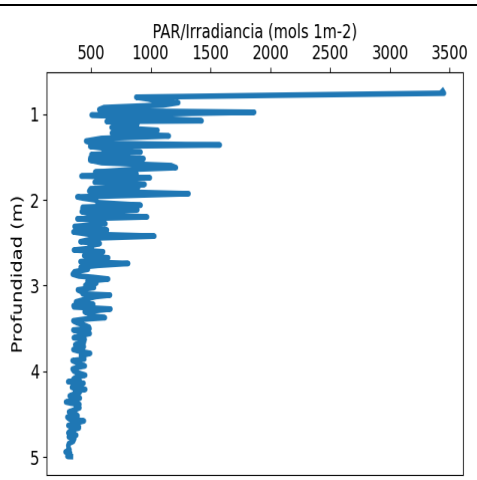


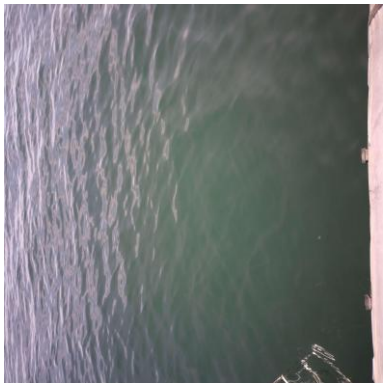












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.74	49.91	0.5	9.05	284.39	0.56	43.98
PROF (metros)	3.111	2.199	0.779	0.865	4.942	0.755	0.946
MÁXIMO	12.8	12.8	1.56	9.26	3453.1	1.05	44.01
PROF (metros)	0.727	0.727	0.727	4.757	0.755	4.867	3.461

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.8	49.97	0.88	9.06	1492.47	0.59	43.99
1 - 2m	12.78	49.95	0.81	9.07	764.63	0.63	43.98
2 - 3m	12.75	49.91	0.8	9.08	538.75	0.69	43.99
3 - 4m	12.75	49.92	0.85	9.16	437.02	0.81	44.0
4 - 5m	12.76	49.94	0.83	9.23	351.88	0.94	44.0

OBSERVACIONES GENERALES

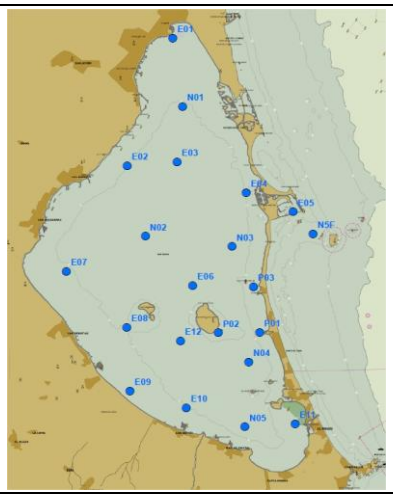
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.727	12.8	49.97	1.56	9.07	3441.1	0.58	43.99
0.755	12.8	49.97	0.72	9.07	3453.1	0.56	43.99
0.779	12.8	49.97	0.5	9.06	2035.6	0.59	43.99
0.801	12.8	49.97	0.95	9.06	876.0	0.56	43.98
0.823	12.8	49.97	0.72	9.06	979.77	0.61	43.99
0.842	12.8	49.97	1.18	9.06	1036.8	0.57	43.99
0.865	12.8	49.97	0.95	9.05	1230.2	0.63	43.99
0.893	12.8	49.97	0.72	9.05	1103.0	0.6	43.99
0.922	12.8	49.97	0.8	9.05	607.53	0.62	43.99
0.946	12.8	49.97	0.95	9.05	566.33	0.6	43.98
0.961	12.8	49.97	0.8	9.05	714.87	0.61	43.98
0.977	12.8	49.97	0.76	9.05	1865.3	0.6	43.99
1.009	12.8	49.97	0.76	9.05	502.72	0.6	43.99
1.048	12.8	49.96	0.8	9.05	1046.9	0.61	43.98
1.077	12.8	49.96	0.76	9.05	1425.6	0.63	43.98
1.084	12.8	49.97	0.76	9.05	628.29	0.61	43.99
1.092	12.8	49.97	0.76	9.06	785.77	0.62	43.99
1.12	12.8	49.96	0.92	9.07	886.83	0.6	43.98
1.154	12.8	49.96	0.8	9.07	669.18	0.61	43.98
1.187	12.8	49.97	0.76	9.07	1056.4	0.59	43.99
1.208	12.8	49.96	0.88	9.07	722.87	0.63	43.98
1.22	12.8	49.96	0.84	9.07	671.97	0.65	43.98
1.233	12.8	49.96	0.84	9.06	914.38	0.63	43.98
1.254	12.8	49.96	0.84	9.05	1151.3	0.64	43.98
1.282	12.8	49.96	0.88	9.06	586.63	0.65	43.98
1.313	12.79	49.95	0.88	9.05	456.3	0.66	43.98
1.339	12.79	49.95	0.76	9.06	506.35	0.62	43.98
1.359	12.79	49.95	0.92	9.07	1577.9	0.62	43.99
1.376	12.79	49.95	0.92	9.07	490.75	0.67	43.99
1.393	12.79	49.95	0.69	9.08	594.43	0.64	43.99
1.415	12.79	49.95	0.76	9.08	604.72	0.61	43.99
1.442	12.79	49.95	0.95	9.08	915.23	0.64	43.99
1.471	12.79	49.95	0.69	9.08	500.98	0.61	43.98
1.495	12.79	49.95	0.76	9.08	810.94	0.63	43.98
1.509	12.79	49.95	0.76	9.08	492.23	0.66	43.98
1.519	12.79	49.95	0.88	9.08	940.17	0.66	43.98
1.536	12.78	49.94	0.99	9.08	490.18	0.66	43.98

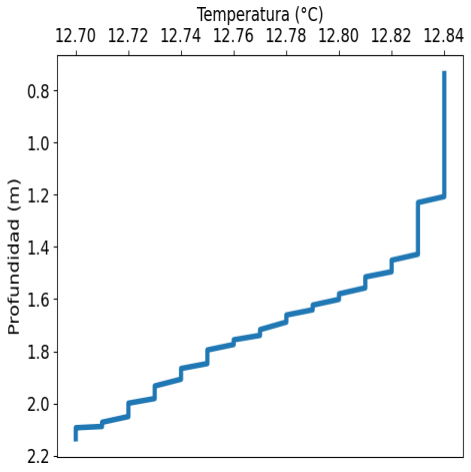
1.566	12.78	49.94	0.76	9.08	588.54	0.65	43.98
1.599	12.78	49.94	0.8	9.07	1169.0	0.65	43.98
1.624	12.78	49.94	0.72	9.07	1210.9	0.63	43.98
1.641	12.78	49.94	0.72	9.07	885.19	0.65	43.98
1.657	12.77	49.93	0.76	9.08	729.77	0.64	43.98
1.675	12.77	49.93	0.84	9.08	532.34	0.65	43.98
1.698	12.77	49.93	0.76	9.08	881.3	0.62	43.98
1.722	12.77	49.93	0.72	9.08	417.35	0.66	43.99
1.742	12.77	49.93	0.8	9.08	993.03	0.65	43.99
1.766	12.77	49.93	0.84	9.08	660.24	0.63	43.99
1.793	12.77	49.93	0.76	9.08	528.04	0.67	43.99
1.819	12.77	49.93	0.84	9.08	948.71	0.6	43.99
1.839	12.77	49.93	0.76	9.07	703.37	0.6	43.99
1.852	12.77	49.93	0.8	9.07	895.51	0.61	43.99
1.869	12.77	49.93	0.76	9.07	495.89	0.64	43.99
1.897	12.77	49.93	0.72	9.08	482.07	0.65	43.99
1.928	12.77	49.93	0.88	9.07	1316.6	0.66	43.99
1.951	12.77	49.93	0.69	9.07	728.25	0.63	43.99
1.965	12.76	49.93	0.92	9.07	382.87	0.64	43.99
1.979	12.76	49.92	0.99	9.07	430.21	0.66	43.99
2.001	12.76	49.92	0.8	9.06	536.3	0.64	43.99
2.032	12.76	49.92	0.65	9.07	557.34	0.66	43.99
2.062	12.76	49.92	0.84	9.06	915.44	0.63	43.99
2.085	12.76	49.92	0.76	9.06	428.42	0.65	43.99
2.101	12.76	49.92	0.95	9.07	425.65	0.66	43.99
2.116	12.76	49.92	0.8	9.07	888.06	0.7	43.99
2.137	12.76	49.92	0.72	9.08	419.48	0.68	43.99
2.168	12.76	49.92	0.72	9.09	509.52	0.66	43.99
2.199	12.75	49.91	0.65	9.09	969.38	0.69	43.99
2.221	12.75	49.91	0.69	9.09	383.32	0.63	43.99
2.235	12.75	49.91	0.92	9.1	559.54	0.63	43.99
2.253	12.75	49.91	0.72	9.09	580.81	0.67	43.99
2.278	12.75	49.91	0.65	9.09	621.05	0.69	43.99
2.31	12.75	49.91	0.8	9.09	359.48	0.67	43.99
2.334	12.75	49.91	0.8	9.1	434.62	0.7	43.99
2.352	12.75	49.91	0.76	9.09	633.85	0.69	43.99
2.374	12.75	49.91	0.84	9.08	350.51	0.65	43.99
2.4	12.75	49.91	0.57	9.08	476.62	0.69	43.99
2.423	12.75	49.91	0.65	9.08	1030.1	0.69	43.99
2.443	12.75	49.91	0.8	9.08	585.41	0.69	43.99
2.466	12.75	49.91	0.92	9.08	480.62	0.69	43.99
2.488	12.75	49.91	0.84	9.08	408.83	0.67	43.99
2.509	12.75	49.91	0.95	9.08	573.59	0.7	43.99
2.536	12.75	49.92	0.92	9.09	487.23	0.73	43.99
2.563	12.75	49.91	0.76	9.09	507.17	0.71	43.99
2.585	12.75	49.91	0.76	9.09	354.6	0.72	43.99
2.605	12.75	49.91	0.8	9.1	601.78	0.67	43.99
2.626	12.75	49.91	0.92	9.09	542.68	0.67	43.99
2.65	12.75	49.91	0.88	9.09	439.69	0.7	43.99
2.676	12.75	49.91	0.92	9.08	644.22	0.69	43.99
2.7	12.75	49.91	0.84	9.06	615.46	0.72	43.99
2.721	12.75	49.91	0.72	9.06	409.11	0.68	43.99
2.742	12.75	49.91	0.8	9.05	811.31	0.73	43.99
2.765	12.75	49.91	0.61	9.05	554.12	0.72	43.99
2.786	12.75	49.91	0.88	9.05	410.54	0.7	43.99
2.81	12.75	49.91	0.88	9.06	474.53	0.72	43.99
2.839	12.75	49.91	0.8	9.07	359.73	0.74	43.99
2.867	12.75	49.91	0.69	9.07	344.47	0.71	43.99

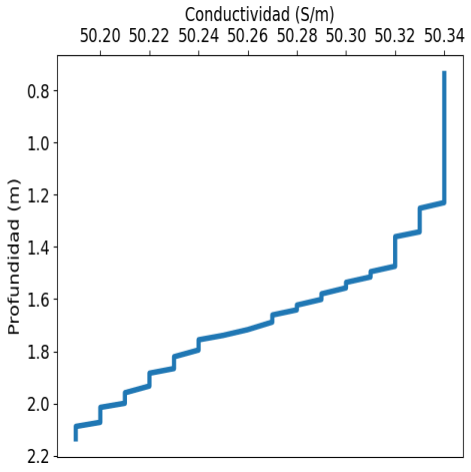
2.889	12.75	49.91	0.8	9.08	396.97	0.72	43.99
2.904	12.75	49.91	0.8	9.08	517.5	0.76	43.99
2.924	12.75	49.91	0.76	9.09	643.77	0.76	44.0
2.948	12.75	49.91	0.88	9.09	467.54	0.73	44.0
2.972	12.75	49.91	1.03	9.09	544.95	0.76	44.0
2.997	12.75	49.91	0.95	9.09	449.79	0.76	44.0
3.023	12.75	49.92	0.88	9.08	525.6	0.76	44.0
3.05	12.75	49.92	0.95	9.08	387.51	0.76	44.0
3.076	12.75	49.91	0.95	9.08	425.45	0.77	44.0
3.097	12.75	49.91	0.95	9.09	428.72	0.75	44.0
3.111	12.74	49.91	0.95	9.1	659.63	0.75	44.0
3.129	12.74	49.91	0.84	9.1	539.8	0.78	44.0
3.157	12.74	49.91	1.03	9.11	457.25	0.75	44.0
3.191	12.74	49.91	0.92	9.12	371.34	0.73	44.0
3.218	12.74	49.91	0.88	9.13	519.18	0.75	44.0
3.235	12.74	49.91	0.84	9.14	351.41	0.77	44.0
3.25	12.74	49.91	0.84	9.14	354.84	0.74	44.0
3.274	12.74	49.91	0.65	9.14	663.15	0.8	44.0
3.306	12.74	49.91	0.69	9.13	444.2	0.77	44.0
3.335	12.74	49.92	0.84	9.13	491.09	0.8	44.0
3.356	12.74	49.92	0.88	9.13	518.7	0.84	44.0
3.375	12.74	49.92	0.92	9.13	616.61	0.79	44.0
3.392	12.74	49.92	0.8	9.13	445.54	0.79	44.0
3.411	12.75	49.92	0.76	9.14	349.7	0.8	44.0
3.434	12.75	49.92	0.72	9.14	381.19	0.82	44.0
3.461	12.75	49.93	0.84	9.14	441.63	0.81	44.01
3.485	12.75	49.93	0.88	9.15	482.96	0.8	44.01
3.503	12.75	49.93	0.8	9.15	488.14	0.79	44.0
3.519	12.75	49.92	0.76	9.15	349.54	0.82	44.0
3.538	12.75	49.92	0.8	9.15	431.41	0.82	44.0
3.56	12.75	49.92	0.95	9.16	489.73	0.83	44.0
3.584	12.75	49.93	0.8	9.17	405.81	0.82	44.0
3.609	12.75	49.93	0.8	9.18	353.28	0.82	44.0
3.629	12.75	49.92	0.8	9.19	447.92	0.78	44.0
3.645	12.75	49.93	0.84	9.2	441.12	0.83	44.0
3.665	12.75	49.93	0.84	9.2	440.81	0.8	44.0
3.691	12.75	49.93	0.88	9.2	365.02	0.83	44.0
3.714	12.75	49.92	0.8	9.2	440.71	0.82	44.0
3.732	12.75	49.92	0.8	9.19	415.61	0.83	44.0
3.747	12.75	49.93	0.95	9.19	349.86	0.82	44.0
3.766	12.75	49.93	0.99	9.19	397.89	0.83	44.0
3.791	12.75	49.93	0.8	9.18	493.14	0.84	44.0
3.818	12.75	49.93	0.95	9.19	413.21	0.84	44.01
3.84	12.75	49.93	0.69	9.19	433.62	0.84	44.01
3.858	12.76	49.93	0.92	9.19	444.4	0.89	44.01
3.876	12.76	49.93	0.76	9.19	343.2	0.86	44.0
3.896	12.76	49.93	0.84	9.2	375.92	0.86	44.0
3.918	12.76	49.93	0.84	9.2	397.98	0.88	44.0
3.938	12.76	49.93	0.99	9.21	448.85	0.85	44.0
3.956	12.76	49.93	0.72	9.22	382.25	0.86	44.0
3.974	12.76	49.93	0.88	9.22	343.43	0.85	44.0
3.998	12.76	49.93	0.84	9.22	354.35	0.85	44.0
4.021	12.76	49.93	0.8	9.22	395.68	0.89	44.0
4.046	12.76	49.93	0.88	9.22	451.67	0.84	44.0
4.071	12.76	49.93	0.92	9.22	372.28	0.87	44.0
4.092	12.76	49.93	0.92	9.21	350.19	0.85	44.0
4.106	12.76	49.93	1.03	9.21	403.55	0.85	44.0
4.122	12.76	49.93	0.8	9.21	306.49	0.85	44.0

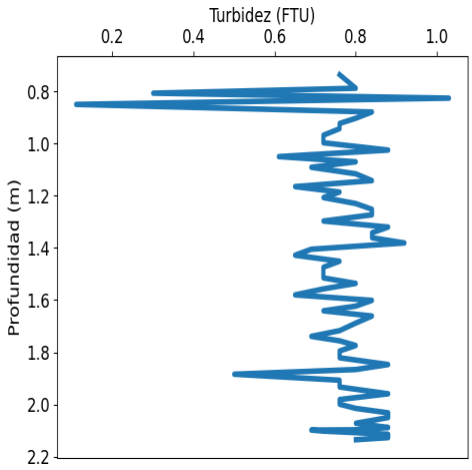
4.14	12.76	49.93	0.92	9.21	438.06	0.88	44.0
4.163	12.76	49.93	0.84	9.21	383.14	0.88	44.0
4.188	12.76	49.93	0.84	9.22	337.59	0.9	44.0
4.212	12.76	49.93	0.84	9.22	452.51	0.88	44.0
4.234	12.76	49.94	0.92	9.22	364.09	0.92	44.01
4.251	12.76	49.94	0.88	9.22	403.65	0.92	44.0
4.27	12.76	49.94	0.92	9.22	350.19	0.9	44.0
4.289	12.76	49.94	0.76	9.23	318.88	0.9	44.0
4.314	12.76	49.94	0.76	9.22	407.31	0.9	44.0
4.34	12.76	49.94	0.88	9.22	353.69	0.92	44.0
4.359	12.76	49.93	0.84	9.22	288.17	0.95	44.0
4.373	12.76	49.93	0.84	9.22	331.78	0.92	44.0
4.387	12.76	49.94	0.92	9.21	403.55	0.92	44.0
4.405	12.76	49.94	0.84	9.21	370.56	0.91	44.0
4.427	12.76	49.94	0.84	9.21	403.93	0.92	44.0
4.451	12.76	49.94	0.88	9.21	360.06	0.94	44.0
4.475	12.76	49.94	0.84	9.21	313.32	0.91	44.0
4.499	12.76	49.94	0.95	9.22	369.79	0.92	44.0
4.519	12.76	49.94	0.8	9.22	387.96	0.89	44.0
4.536	12.76	49.94	0.84	9.23	299.68	0.9	44.0
4.557	12.76	49.94	0.72	9.23	317.41	0.89	44.0
4.58	12.76	49.94	0.8	9.23	441.12	0.94	44.0
4.608	12.76	49.94	0.88	9.23	363.67	0.93	44.0
4.633	12.76	49.94	0.92	9.22	307.63	0.89	44.0
4.648	12.76	49.94	0.69	9.22	399.18	0.92	44.0
4.655	12.76	49.94	0.84	9.23	347.28	0.94	44.01
4.663	12.76	49.94	0.69	9.23	398.91	0.94	44.0
4.687	12.76	49.94	0.88	9.24	331.32	0.93	44.0
4.72	12.76	49.94	0.76	9.25	307.42	0.95	44.0
4.746	12.76	49.94	0.76	9.25	377.06	0.98	44.0
4.757	12.76	49.94	0.8	9.26	317.63	0.99	44.0
4.767	12.76	49.94	0.72	9.26	311.65	0.93	44.0
4.788	12.76	49.94	0.76	9.26	360.4	0.96	44.0
4.819	12.76	49.94	0.88	9.26	350.19	1.02	44.0
4.844	12.76	49.94	0.84	9.26	312.95	0.98	44.0
4.858	12.76	49.94	0.8	9.26	309.35	1.0	44.0
4.867	12.76	49.94	0.72	9.26	307.2	1.05	44.0
4.886	12.76	49.94	0.84	9.26	309.42	1.0	44.0
4.916	12.76	49.94	0.8	9.26	320.81	1.02	44.0
4.942	12.76	49.94	0.76	9.26	284.39	1.03	44.01
4.955	12.76	49.94	0.8	9.25	325.76	1.02	44.01
4.965	12.76	49.94	0.69	9.24	323.13	0.94	44.0
4.98	12.76	49.94	0.84	9.23	315.65	1.04	44.0
4.992	12.76	49.94	0.72	9.22	299.82	1.03	44.0
4.996	12.76	49.94	0.88	9.22	308.06	1.01	44.0
4.997	12.76	49.94	0.88	9.22	332.55	1.05	44.0

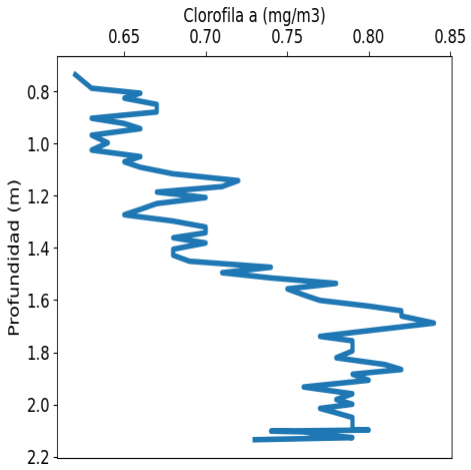
Nombre: CTD E09 - Punto 020 **Fecha: 17/12/2024** **Hora: 12:12:24**

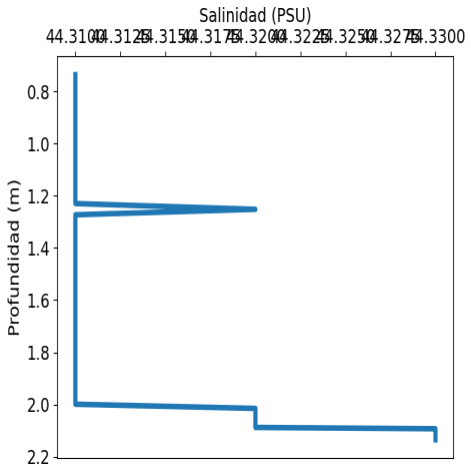


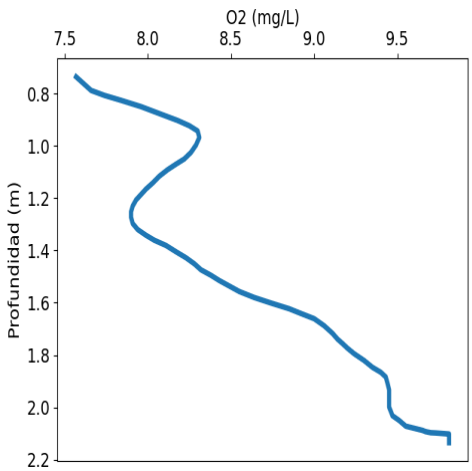


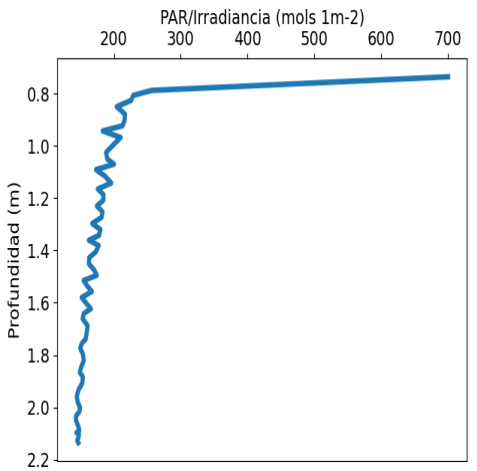












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.7	50.19	0.11	7.57	143.17	0.62	44.31
PROF (metros)	2.093	2.088	0.85	0.736	2.05	0.736	0.736
MÁXIMO	12.84	12.84	1.03	9.81	700.76	0.84	44.33
PROF (metros)	0.736	0.736	0.826	2.102	0.736	1.688	2.088

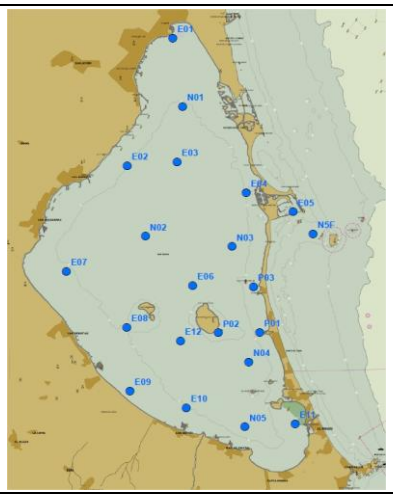
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.84	50.34	0.69	8.02	259.51	0.65	44.31
1 - 2m	12.8	50.29	0.77	8.6	166.05	0.74	44.31
2 - 3m	12.71	50.19	0.82	9.68	146.23	0.78	44.32

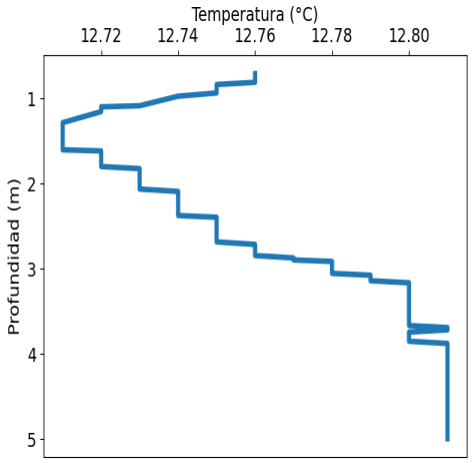
OBSERVACIONES GENERALES

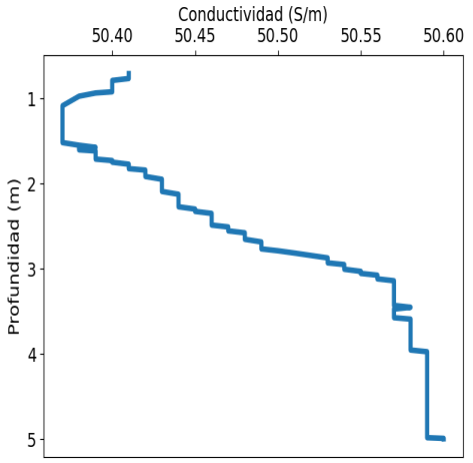
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.736	12.84	50.34	0.76	7.57	700.76	0.62	44.31
0.788	12.84	50.34	0.8	7.66	256.64	0.63	44.31
0.807	12.84	50.34	0.3	7.74	229.03	0.66	44.31
0.826	12.84	50.34	1.03	7.84	225.97	0.65	44.31
0.85	12.84	50.34	0.11	7.96	204.2	0.67	44.31
0.879	12.84	50.34	0.84	8.08	216.69	0.67	44.31
0.903	12.84	50.34	0.8	8.18	216.04	0.63	44.31
0.923	12.84	50.34	0.76	8.25	213.0	0.65	44.31
0.943	12.84	50.34	0.76	8.3	183.21	0.66	44.31
0.968	12.84	50.34	0.72	8.31	210.26	0.63	44.31
0.997	12.84	50.34	0.72	8.29	198.79	0.64	44.31
1.025	12.84	50.34	0.88	8.26	188.29	0.63	44.31
1.05	12.84	50.34	0.61	8.22	190.09	0.66	44.31
1.07	12.84	50.34	0.8	8.17	200.27	0.65	44.31
1.091	12.84	50.34	0.69	8.12	173.22	0.66	44.31
1.116	12.84	50.34	0.8	8.07	186.69	0.68	44.31
1.142	12.84	50.34	0.84	8.03	196.13	0.72	44.31
1.165	12.84	50.34	0.65	7.99	175.97	0.71	44.31
1.186	12.84	50.34	0.76	7.96	184.28	0.67	44.31
1.207	12.84	50.34	0.72	7.93	184.36	0.7	44.31
1.23	12.83	50.34	0.8	7.91	174.55	0.67	44.31
1.252	12.83	50.33	0.84	7.9	183.0	0.66	44.32
1.273	12.83	50.33	0.84	7.9	181.57	0.65	44.31
1.297	12.83	50.33	0.72	7.91	167.5	0.68	44.31
1.32	12.83	50.33	0.88	7.94	179.76	0.7	44.31
1.342	12.83	50.33	0.84	7.99	177.9	0.7	44.31
1.361	12.83	50.32	0.84	8.04	162.56	0.68	44.31
1.381	12.83	50.32	0.92	8.11	177.2	0.7	44.31
1.405	12.83	50.32	0.69	8.17	173.06	0.68	44.31
1.428	12.83	50.32	0.65	8.23	162.94	0.68	44.31
1.451	12.82	50.32	0.76	8.28	162.49	0.69	44.31
1.474	12.82	50.32	0.72	8.32	170.39	0.74	44.31
1.495	12.82	50.31	0.72	8.38	174.43	0.71	44.31
1.515	12.81	50.31	0.72	8.43	154.7	0.74	44.31
1.536	12.81	50.3	0.8	8.49	160.06	0.78	44.31
1.557	12.81	50.3	0.72	8.55	167.07	0.75	44.31
1.58	12.8	50.29	0.65	8.64	151.75	0.76	44.31
1.601	12.8	50.29	0.84	8.74	158.36	0.77	44.31
1.623	12.79	50.28	0.8	8.85	165.57	0.8	44.31

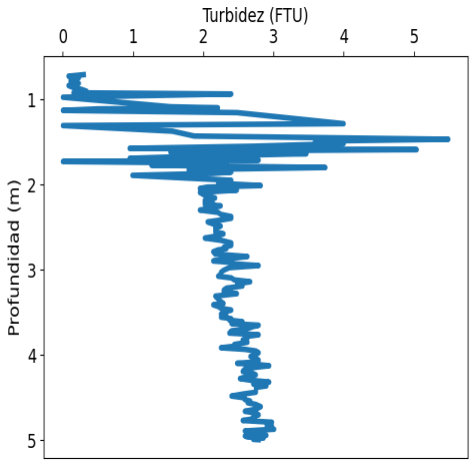
1.641	12.79	50.28	0.72	8.92	155.02	0.82	44.31
1.661	12.78	50.27	0.84	9.0	153.13	0.82	44.31
1.688	12.78	50.27	0.8	9.06	160.73	0.84	44.31
1.717	12.77	50.26	0.76	9.11	159.1	0.8	44.31
1.739	12.77	50.25	0.69	9.14	157.74	0.77	44.31
1.756	12.76	50.24	0.76	9.17	151.82	0.79	44.31
1.774	12.76	50.24	0.8	9.2	149.58	0.79	44.31
1.795	12.75	50.24	0.76	9.24	153.41	0.79	44.31
1.821	12.75	50.23	0.76	9.3	154.95	0.78	44.31
1.847	12.75	50.23	0.88	9.35	150.94	0.81	44.31
1.866	12.74	50.23	0.8	9.4	148.99	0.82	44.31
1.884	12.74	50.22	0.5	9.43	153.52	0.79	44.31
1.907	12.74	50.22	0.76	9.44	152.74	0.8	44.31
1.933	12.73	50.22	0.76	9.45	147.04	0.76	44.31
1.959	12.73	50.21	0.88	9.45	144.34	0.79	44.31
1.981	12.73	50.21	0.76	9.45	145.95	0.78	44.31
1.999	12.72	50.21	0.76	9.45	149.03	0.79	44.31
2.015	12.72	50.2	0.8	9.46	148.68	0.77	44.32
2.032	12.72	50.2	0.88	9.47	143.37	0.78	44.32
2.05	12.72	50.2	0.88	9.51	143.17	0.79	44.32
2.072	12.71	50.2	0.8	9.55	146.63	0.79	44.32
2.088	12.71	50.19	0.88	9.65	148.13	0.79	44.32
2.093	12.7	50.19	0.84	9.67	146.63	0.79	44.33
2.097	12.7	50.19	0.8	9.7	143.84	0.79	44.33
2.098	12.7	50.19	0.69	9.73	146.6	0.8	44.33
2.102	12.7	50.19	0.72	9.81	147.65	0.74	44.33
2.105	12.7	50.19	0.76	9.81	147.69	0.76	44.33
2.114	12.7	50.19	0.88	9.81	146.9	0.77	44.33
2.127	12.7	50.19	0.88	9.81	145.08	0.79	44.33
2.135	12.7	50.19	0.8	9.81	146.66	0.73	44.33

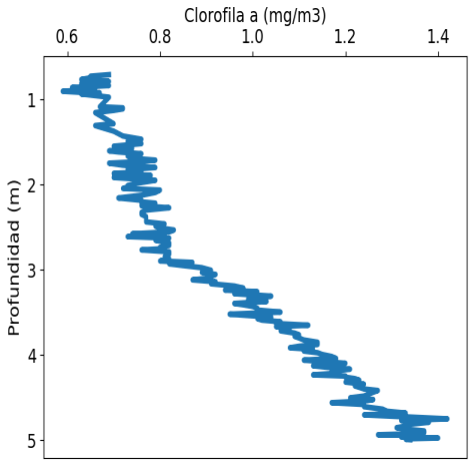
Nombre: CTD E08 - Punto 021 **Fecha: 17/12/2024** **Hora: 12:12:57**

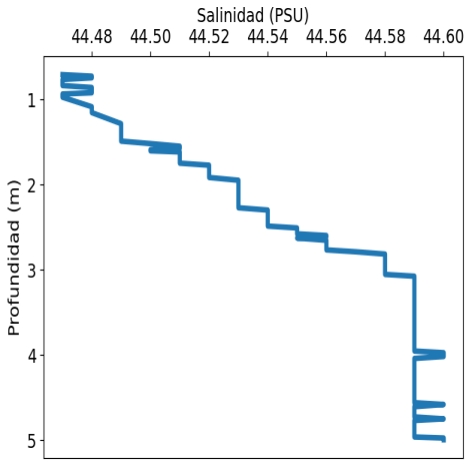


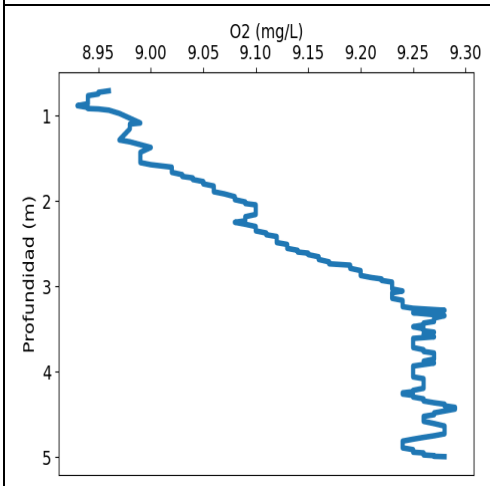


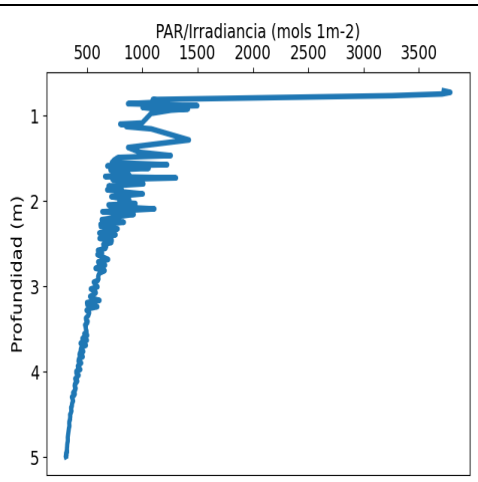












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	12.71	50.37	0.0	8.93	307.06	0.59	44.47
PROF (metros)	1.284	1.085	0.973	0.882	4.993	0.903	0.708
MÁXIMO	12.81	12.81	5.49	9.29	3785.0	1.42	44.6
PROF (metros)	3.691	4.993	1.467	4.419	0.726	4.752	3.975

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.75	50.4	0.36	8.95	2004.93	0.65	44.47
1 - 2m	12.72	50.39	2.39	9.02	881.2	0.73	44.51
2 - 3m	12.75	50.47	2.24	9.14	681.52	0.79	44.55
3 - 4m	12.8	50.57	2.43	9.25	489.45	1.02	44.59
4 - 5m	12.81	50.59	2.72	9.26	352.66	1.26	44.59

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	12.76	50.41	0.3	8.96	3723.2	0.69	44.47
0.726	12.76	50.41	0.08	8.95	3785.0	0.65	44.48
0.745	12.76	50.41	0.23	8.95	3709.4	0.65	44.48
0.765	12.76	50.41	0.11	8.94	3255.6	0.63	44.47
0.788	12.76	50.4	0.11	8.94	2139.7	0.69	44.47
0.81	12.76	50.4	0.23	8.94	1093.5	0.63	44.47
0.836	12.75	50.4	0.08	8.94	1229.6	0.69	44.47
0.859	12.75	50.4	0.15	8.94	869.53	0.61	44.48
0.882	12.75	50.4	0.27	8.93	1498.1	0.66	44.48
0.903	12.75	50.4	0.34	8.94	1000.9	0.59	44.48
0.916	12.75	50.4	0.23	8.94	1088.0	0.63	44.48
0.921	12.75	50.4	0.15	8.95	1413.4	0.67	44.48
0.935	12.75	50.39	2.4	8.96	1258.2	0.63	44.47
0.973	12.74	50.38	0.0	8.97	1079.2	0.69	44.47
1.085	12.73	50.37	1.53	8.99	997.87	0.67	44.48
1.098	12.72	50.37	2.21	8.98	799.18	0.72	44.48
1.11	12.72	50.37	0.5	8.98	850.4	0.72	44.48
1.128	12.72	50.37	0.0	8.98	855.34	0.7	44.48
1.154	12.72	50.37	2.48	8.98	1080.4	0.66	44.48
1.284	12.71	50.37	4.0	8.97	1422.3	0.7	44.49
1.306	12.71	50.37	0.0	8.98	1282.0	0.66	44.49
1.372	12.71	50.37	1.56	9.0	870.14	0.7	44.49
1.429	12.71	50.37	1.87	8.99	980.22	0.72	44.49
1.467	12.71	50.37	5.49	8.99	1258.2	0.76	44.49
1.489	12.71	50.37	3.59	8.99	781.05	0.73	44.49
1.518	12.71	50.37	4.0	8.99	745.84	0.76	44.5
1.549	12.71	50.38	2.71	8.99	723.37	0.7	44.51
1.574	12.71	50.39	0.95	9.0	1225.6	0.74	44.51
1.589	12.71	50.38	5.04	9.01	682.17	0.72	44.5
1.603	12.71	50.38	2.17	9.02	862.11	0.69	44.5
1.616	12.72	50.39	1.53	9.02	1058.1	0.71	44.51
1.637	12.72	50.39	3.47	9.02	710.74	0.76	44.51
1.664	12.72	50.39	1.98	9.02	787.78	0.73	44.51
1.691	12.72	50.39	0.95	9.03	881.5	0.74	44.51
1.712	12.72	50.39	2.79	9.03	662.39	0.79	44.51
1.729	12.72	50.4	0.0	9.04	1305.4	0.76	44.51
1.748	12.72	50.4	2.33	9.04	729.09	0.69	44.51

1.772	12.72	50.41	1.26	9.05	962.22	0.72	44.52
1.799	12.72	50.41	3.74	9.05	1010.7	0.79	44.52
1.824	12.73	50.41	1.79	9.06	693.49	0.73	44.52
1.841	12.73	50.42	2.1	9.06	749.48	0.75	44.52
1.852	12.73	50.42	2.4	9.06	812.44	0.76	44.52
1.868	12.73	50.42	2.14	9.06	681.07	0.7	44.52
1.891	12.73	50.42	0.99	9.06	812.06	0.78	44.52
1.916	12.73	50.42	1.6	9.07	1005.5	0.7	44.52
1.949	12.73	50.43	2.4	9.08	718.19	0.79	44.53
1.984	12.73	50.43	2.21	9.08	882.52	0.75	44.53
2.011	12.73	50.43	2.82	9.09	791.07	0.73	44.53
2.029	12.73	50.43	2.06	9.09	938.86	0.73	44.53
2.045	12.73	50.43	1.95	9.1	693.01	0.72	44.53
2.064	12.73	50.43	2.48	9.1	710.58	0.8	44.53
2.092	12.74	50.43	1.95	9.1	1109.9	0.79	44.53
2.125	12.74	50.44	2.02	9.1	637.39	0.76	44.53
2.157	12.74	50.44	2.17	9.1	923.11	0.71	44.53
2.184	12.74	50.44	2.02	9.09	763.51	0.76	44.53
2.203	12.74	50.44	2.02	9.09	710.74	0.76	44.53
2.218	12.74	50.44	2.14	9.09	631.65	0.79	44.53
2.232	12.74	50.44	2.02	9.09	717.36	0.76	44.53
2.249	12.74	50.44	2.25	9.08	833.81	0.76	44.53
2.272	12.74	50.44	2.14	9.09	621.05	0.82	44.53
2.299	12.74	50.45	1.95	9.1	623.94	0.77	44.54
2.326	12.74	50.45	2.21	9.1	777.8	0.76	44.54
2.35	12.74	50.46	2.25	9.1	729.26	0.76	44.54
2.375	12.74	50.46	2.4	9.11	609.64	0.77	44.54
2.395	12.75	50.46	2.4	9.11	759.45	0.77	44.54
2.416	12.75	50.46	2.25	9.12	704.18	0.77	44.54
2.438	12.75	50.46	2.06	9.12	612.05	0.77	44.54
2.462	12.75	50.46	2.14	9.12	724.71	0.81	44.54
2.487	12.75	50.46	2.25	9.12	720.19	0.79	44.54
2.509	12.75	50.47	2.17	9.13	646.01	0.8	44.55
2.533	12.75	50.47	2.17	9.13	674.31	0.83	44.55
2.555	12.75	50.47	2.17	9.13	666.7	0.82	44.55
2.578	12.75	50.48	2.29	9.14	597.89	0.74	44.55
2.598	12.75	50.48	2.21	9.14	601.36	0.81	44.56
2.611	12.75	50.48	2.14	9.15	637.24	0.73	44.56
2.628	12.75	50.48	2.02	9.15	593.33	0.82	44.55
2.654	12.75	50.48	2.25	9.16	639.01	0.79	44.56
2.685	12.75	50.49	2.4	9.16	691.89	0.82	44.56
2.714	12.76	50.49	2.4	9.17	599.69	0.82	44.56
2.736	12.76	50.49	2.29	9.17	633.7	0.8	44.56
2.752	12.76	50.49	2.33	9.19	664.69	0.81	44.56
2.767	12.76	50.49	2.21	9.19	606.82	0.76	44.56
2.789	12.76	50.5	2.14	9.19	576.12	0.82	44.57
2.816	12.76	50.51	2.17	9.2	660.39	0.82	44.58
2.845	12.76	50.52	2.63	9.2	613.9	0.81	44.58
2.873	12.77	50.53	2.33	9.2	602.06	0.82	44.58
2.897	12.77	50.53	2.14	9.21	599.97	0.8	44.58
2.914	12.78	50.53	2.4	9.22	604.3	0.87	44.58
2.931	12.78	50.53	2.44	9.22	598.03	0.82	44.58
2.951	12.78	50.54	2.79	9.23	560.19	0.85	44.58
2.976	12.78	50.54	2.37	9.23	576.12	0.89	44.58
3.006	12.78	50.54	2.29	9.23	595.68	0.91	44.58
3.031	12.78	50.55	2.25	9.23	533.45	0.89	44.58
3.055	12.78	50.55	2.25	9.24	572.79	0.92	44.58
3.076	12.79	50.56	2.21	9.23	580.28	0.91	44.59

3.096	12.79	50.56	2.4	9.23	559.28	0.91	44.59
3.119	12.79	50.56	2.44	9.23	526.94	0.87	44.59
3.141	12.79	50.57	2.67	9.23	542.93	0.92	44.59
3.165	12.8	50.57	2.48	9.24	613.75	0.91	44.59
3.191	12.8	50.57	2.56	9.24	498.89	0.96	44.59
3.216	12.8	50.57	2.33	9.24	502.02	0.98	44.59
3.239	12.8	50.57	2.29	9.24	594.02	0.94	44.59
3.258	12.8	50.57	2.29	9.25	530.0	1.01	44.59
3.281	12.8	50.57	2.48	9.28	494.63	0.96	44.59
3.31	12.8	50.57	2.17	9.25	520.27	1.04	44.59
3.344	12.8	50.57	2.21	9.28	511.42	0.99	44.59
3.373	12.8	50.57	2.25	9.27	489.04	1.03	44.59
3.396	12.8	50.57	2.29	9.27	491.55	0.96	44.59
3.412	12.8	50.57	2.14	9.27	506.58	0.98	44.59
3.431	12.8	50.57	2.21	9.26	501.79	1.0	44.59
3.453	12.8	50.58	2.25	9.26	481.51	1.01	44.59
3.474	12.8	50.57	2.4	9.25	489.84	1.01	44.59
3.498	12.8	50.57	2.29	9.26	488.59	1.06	44.59
3.522	12.8	50.57	2.25	9.26	495.66	0.95	44.59
3.538	12.8	50.57	2.33	9.27	495.43	0.99	44.59
3.557	12.8	50.57	2.25	9.26	474.2	1.04	44.59
3.575	12.8	50.57	2.4	9.26	502.49	1.01	44.59
3.592	12.8	50.58	2.37	9.27	479.73	1.02	44.59
3.611	12.8	50.58	2.56	9.25	457.78	1.06	44.59
3.632	12.8	50.58	2.4	9.25	499.7	1.05	44.59
3.652	12.8	50.58	2.79	9.25	455.77	1.12	44.59
3.668	12.8	50.58	2.71	9.25	440.91	1.05	44.59
3.691	12.81	50.58	2.63	9.25	490.75	1.08	44.59
3.718	12.81	50.58	2.4	9.25	448.13	1.06	44.59
3.744	12.8	50.58	2.37	9.26	442.45	1.09	44.59
3.764	12.8	50.58	2.79	9.26	467.0	1.1	44.59
3.782	12.8	50.58	2.63	9.27	434.93	1.09	44.59
3.802	12.8	50.58	2.63	9.27	431.71	1.1	44.59
3.825	12.8	50.58	2.56	9.27	462.58	1.11	44.59
3.852	12.8	50.58	2.63	9.27	426.05	1.14	44.59
3.878	12.81	50.58	2.44	9.26	422.7	1.14	44.59
3.899	12.81	50.58	2.44	9.27	448.44	1.1	44.59
3.917	12.81	50.58	2.25	9.26	432.81	1.08	44.59
3.935	12.81	50.58	2.59	9.25	416.19	1.13	44.59
3.955	12.81	50.58	2.75	9.25	420.45	1.11	44.59
3.975	12.81	50.59	2.79	9.25	440.51	1.14	44.6
3.996	12.81	50.59	2.75	9.25	402.99	1.15	44.6
4.019	12.81	50.59	2.67	9.25	403.55	1.17	44.6
4.042	12.81	50.59	2.75	9.25	425.26	1.18	44.59
4.062	12.81	50.59	2.79	9.25	411.68	1.11	44.59
4.083	12.81	50.59	2.75	9.26	392.67	1.16	44.59
4.099	12.81	50.59	2.48	9.26	398.26	1.2	44.59
4.112	12.81	50.59	2.75	9.26	412.73	1.19	44.59
4.128	12.81	50.59	2.94	9.26	403.93	1.13	44.59
4.146	12.81	50.59	2.75	9.26	390.04	1.16	44.59
4.168	12.81	50.59	2.59	9.26	387.6	1.21	44.59
4.195	12.81	50.59	2.56	9.26	398.26	1.17	44.59
4.22	12.81	50.59	2.71	9.25	391.58	1.17	44.59
4.235	12.81	50.59	2.75	9.25	381.28	1.13	44.59
4.249	12.81	50.59	2.63	9.24	373.58	1.2	44.59
4.263	12.81	50.59	2.59	9.24	390.22	1.2	44.59
4.279	12.81	50.59	2.52	9.25	382.96	1.22	44.59
4.298	12.81	50.59	2.67	9.25	362.66	1.23	44.59

4.32	12.81	50.59	2.94	9.26	368.34	1.2	44.59
4.344	12.81	50.59	2.71	9.26	374.97	1.24	44.59
4.365	12.81	50.59	2.9	9.27	366.89	1.22	44.59
4.382	12.81	50.59	2.75	9.28	364.26	1.23	44.59
4.401	12.81	50.59	2.75	9.28	364.09	1.24	44.59
4.419	12.81	50.59	2.75	9.29	356.0	1.27	44.59
4.439	12.81	50.59	2.75	9.29	356.33	1.26	44.59
4.461	12.81	50.59	2.56	9.28	359.98	1.25	44.59
4.484	12.81	50.59	2.4	9.27	354.1	1.24	44.59
4.505	12.81	50.59	2.59	9.27	346.39	1.21	44.59
4.525	12.81	50.59	2.59	9.26	349.29	1.26	44.59
4.543	12.81	50.59	2.67	9.26	346.87	1.24	44.59
4.562	12.81	50.59	2.63	9.26	347.28	1.17	44.59
4.583	12.81	50.59	2.75	9.26	340.11	1.24	44.6
4.609	12.81	50.59	2.82	9.27	339.24	1.24	44.59
4.638	12.81	50.59	2.75	9.28	341.61	1.28	44.59
4.663	12.81	50.59	2.59	9.28	336.5	1.29	44.59
4.684	12.81	50.59	2.75	9.28	334.48	1.33	44.59
4.705	12.81	50.59	2.79	9.28	332.47	1.24	44.59
4.729	12.81	50.59	2.71	9.28	330.86	1.33	44.59
4.752	12.81	50.59	2.71	9.27	328.11	1.42	44.6
4.771	12.81	50.59	2.56	9.26	325.91	1.32	44.59
4.792	12.81	50.59	2.98	9.25	326.59	1.38	44.59
4.815	12.81	50.59	2.9	9.24	326.36	1.34	44.59
4.837	12.81	50.59	2.98	9.24	322.98	1.33	44.59
4.856	12.81	50.59	2.9	9.24	321.11	1.31	44.59
4.874	12.81	50.59	3.01	9.24	320.51	1.33	44.59
4.894	12.81	50.59	2.59	9.24	319.03	1.37	44.59
4.915	12.81	50.59	2.67	9.25	318.44	1.37	44.59
4.931	12.81	50.59	2.71	9.25	319.77	1.32	44.59
4.939	12.81	50.59	2.75	9.25	316.31	1.27	44.59
4.945	12.81	50.59	2.9	9.25	318.96	1.33	44.59
4.953	12.81	50.59	2.59	9.26	310.86	1.34	44.59
4.965	12.81	50.59	2.63	9.26	311.15	1.32	44.59
4.977	12.81	50.59	2.86	9.26	315.72	1.4	44.6
4.985	12.81	50.59	2.71	9.27	310.5	1.34	44.6
4.993	12.81	50.6	2.71	9.27	307.06	1.33	44.6
4.997	12.81	50.6	2.79	9.28	308.06	1.34	44.6