2024

Informe de seguimiento de las condiciones oceanográficas del Mar Menor

CARM

Integración: IMIDA

Fecha de referencia: 27/08/2024

Objeto

Se trata de un informe ejecutivo elaborado automáticamente en el que se recopila la última información de las condiciones oceanográficas del Mar Menor.

Resumen

Los niveles medios de oxigenación del Mar Menor son buenos, y se encuentran en niveles superiores a (> 4 mg/L) para la mayoría de las estaciones y profundidades.

Los valores medios de clorofila están por debajo 1.12 mg/m3, considerándose en un estado bueno de forma general.

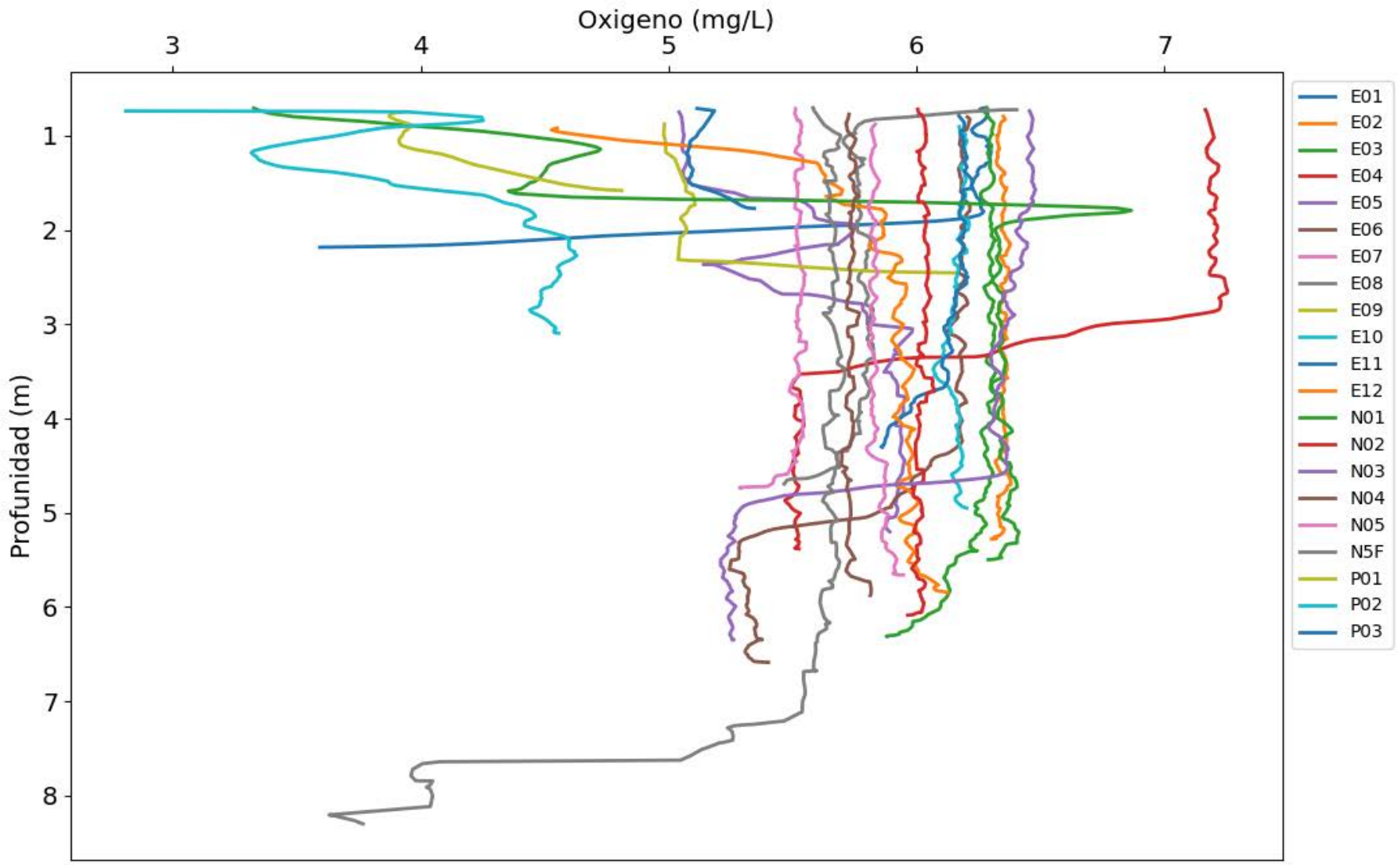
Los niveles medios de turbidez se mantienen en valores medios bajos, excepto en la zona de influencia de la rambla del Albujón.

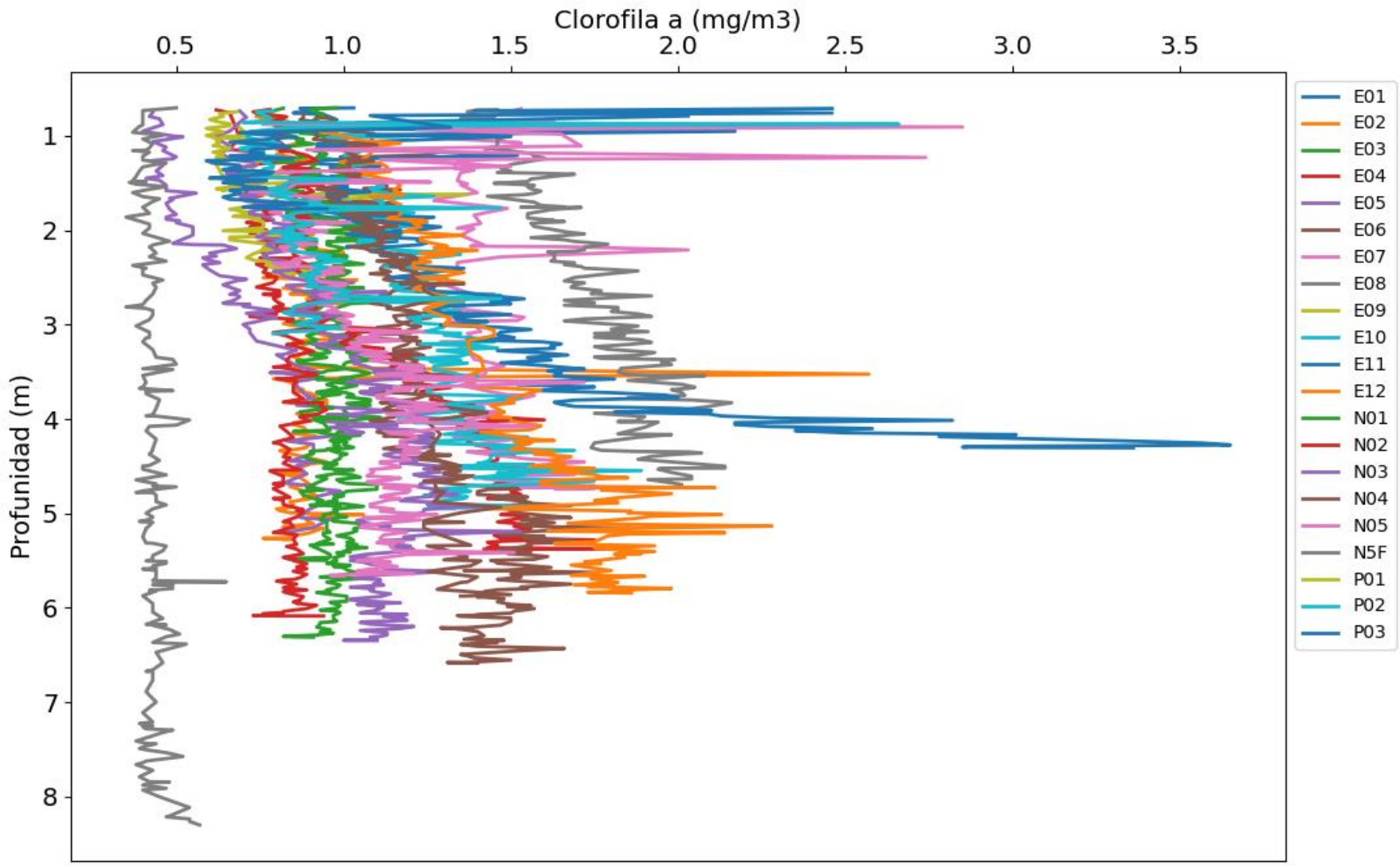
La salinidad media sigue aumentando y ya está en 45.35 PSU.

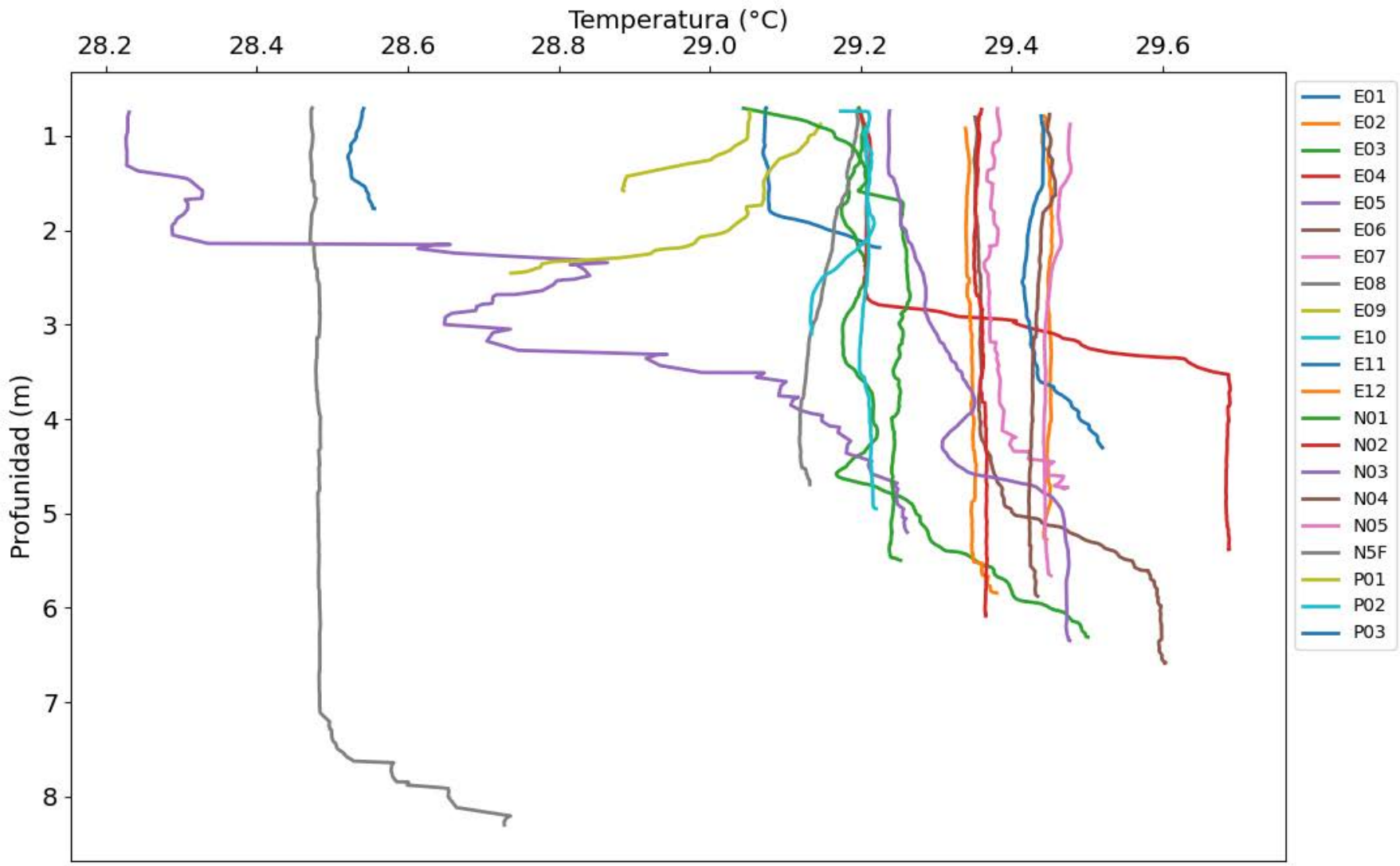
La temperatura media ya está por debajo de los 30 º C en todos los puntos de medición.

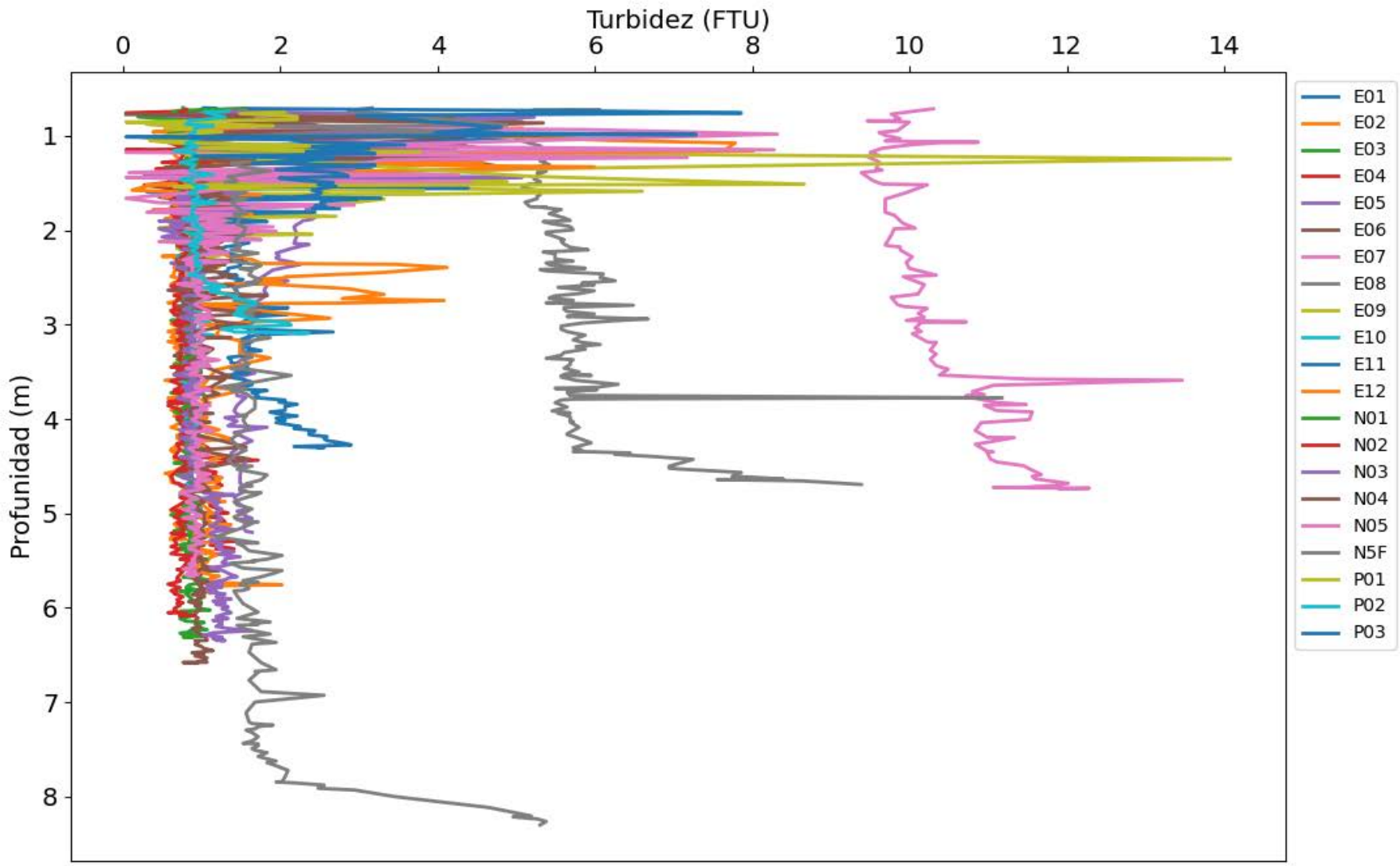
La transparencia del agua es alta como se puede apreciar en los valores del Disco de Secchi (media de las lecturas: 4,18 m).

FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA **FECHA: 20240827**

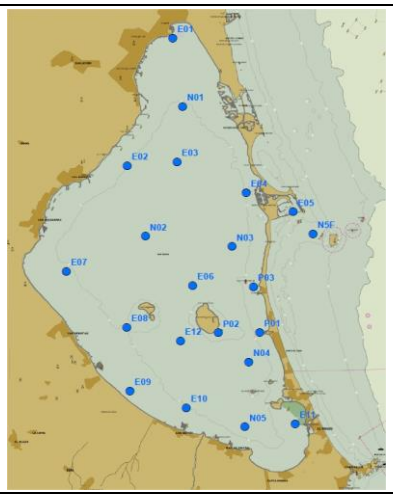


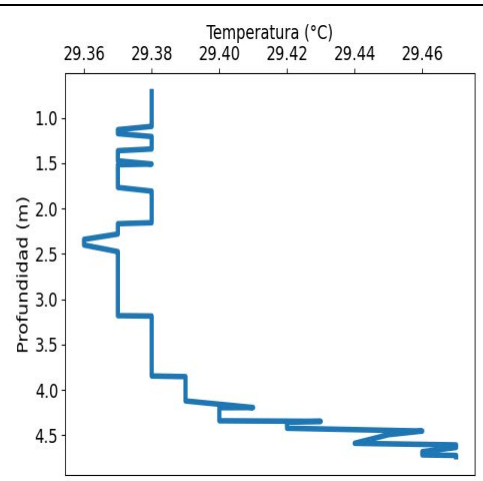

Clorofila a (mg/m3)
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

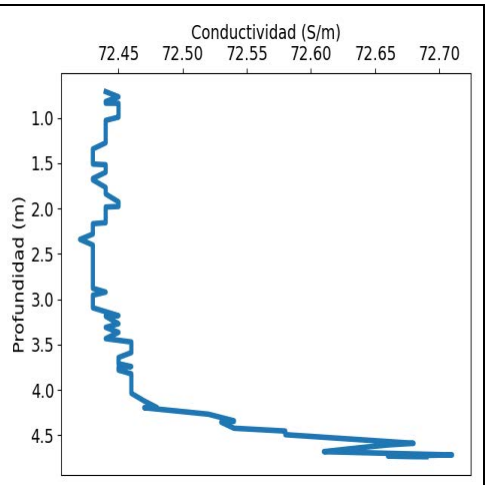

Temperatura (°C)
28.2
28.4
28.6
28.8
29.0
29.2
29.4
29.6
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

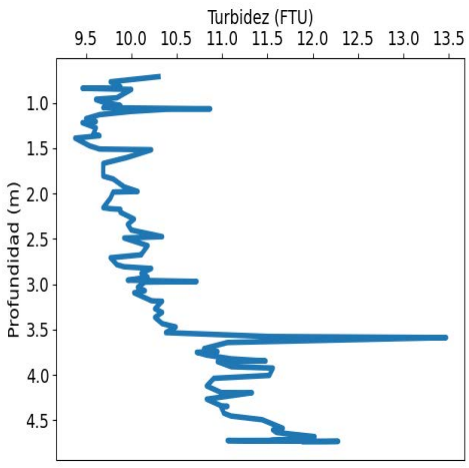

Turbidez (FTU)
0
2
4
6
8
10
12
14
Profunidad (m)
1
2
3
4
5
6
7
8
E01
E02
E03
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

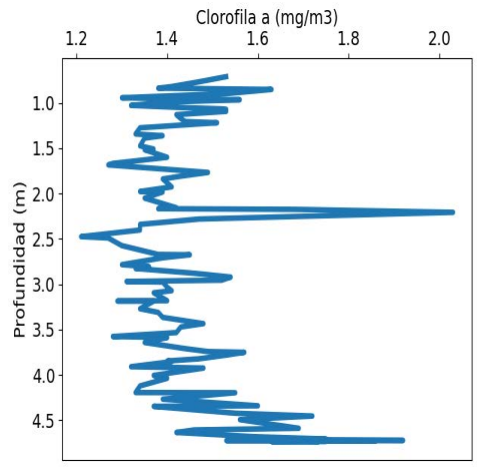
Nombre: CTD E07 - Punto 001 **Fecha: 27/08/2024** **Hora: 07:08:54**

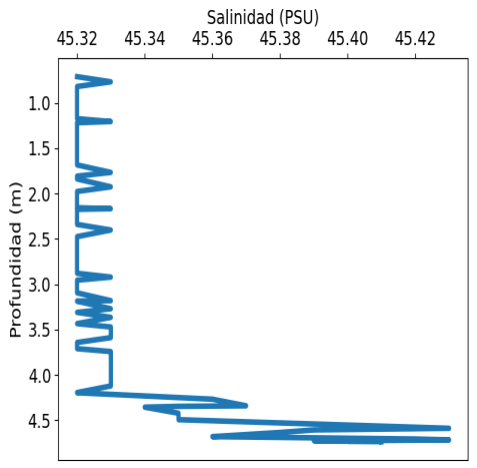


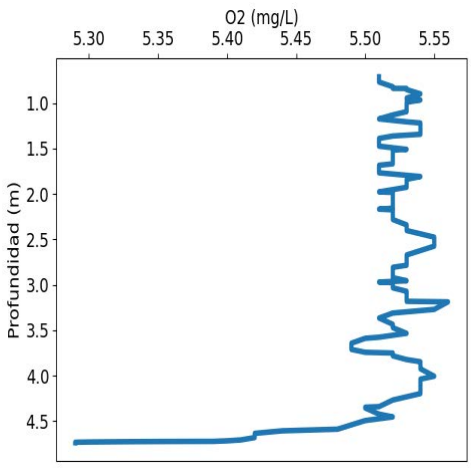


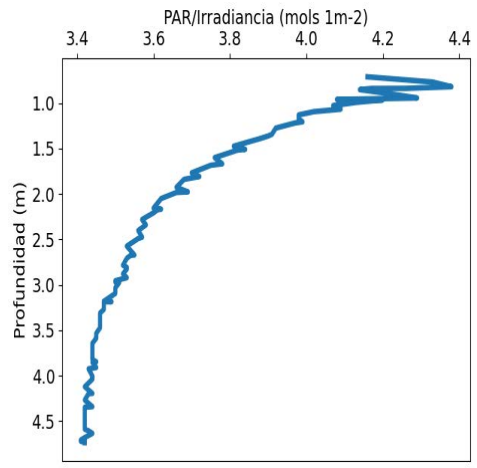


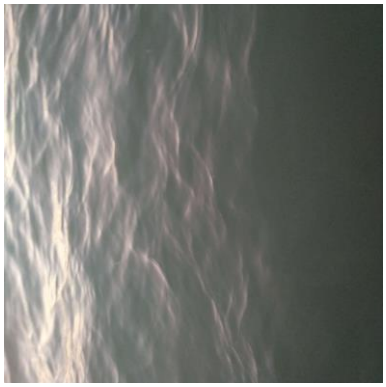












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.36	72.42	9.38	5.29	3.41	1.21	45.32
PROF (metros)	2.341	2.341	1.39	4.733	4.707	2.476	0.712
MÁXIMO	29.47	29.47	13.47	5.56	4.38	2.03	45.43
PROF (metros)	4.607	4.717	3.589	3.188	0.821	2.208	4.589

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	29.38	72.45	9.8	5.53	4.21	1.46	45.32
1 - 2m	29.38	72.44	9.8	5.52	3.87	1.4	45.32
2 - 3m	29.37	72.43	10.02	5.53	3.55	1.42	45.32
3 - 4m	29.38	72.45	10.78	5.53	3.46	1.41	45.33
4 - 5m	29.44	72.59	11.4	5.44	3.42	1.57	45.37

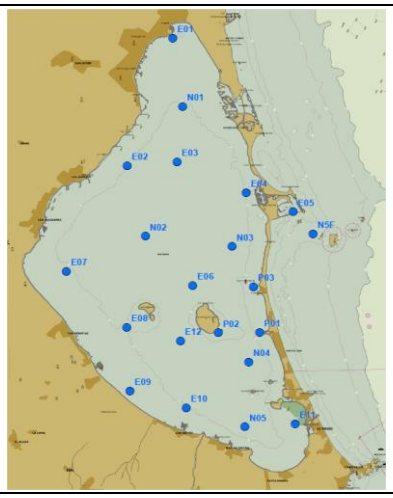
OBSERVACIONES GENERALES

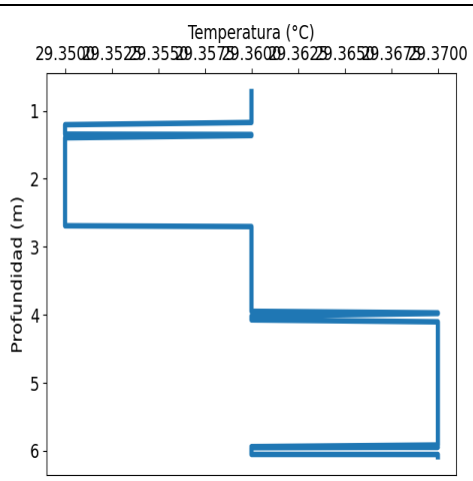
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.712	29.38	72.44	10.3	5.51	4.16	1.53	45.32
0.769	29.38	72.45	9.77	5.51	4.33	1.47	45.33
0.821	29.38	72.44	9.88	5.52	4.38	1.41	45.32
0.839	29.38	72.44	9.77	5.52	4.26	1.38	45.32
0.84	29.38	72.45	9.46	5.53	4.17	1.41	45.32
0.853	29.38	72.45	10.0	5.53	4.14	1.63	45.32
0.899	29.38	72.45	9.92	5.54	4.22	1.53	45.32
0.945	29.38	72.45	9.84	5.53	4.29	1.3	45.32
0.961	29.38	72.45	9.61	5.53	4.08	1.46	45.32
0.966	29.38	72.45	9.61	5.54	4.2	1.56	45.32
0.993	29.38	72.45	9.69	5.53	4.13	1.4	45.32
1.029	29.38	72.44	9.88	5.53	4.07	1.32	45.32
1.054	29.38	72.44	9.69	5.53	4.08	1.44	45.32
1.067	29.38	72.44	10.87	5.53	4.09	1.52	45.32
1.072	29.38	72.44	10.38	5.53	4.08	1.53	45.32
1.095	29.38	72.44	10.0	5.53	4.02	1.53	45.32
1.131	29.37	72.44	9.65	5.52	3.98	1.42	45.32
1.175	29.37	72.44	9.5	5.51	3.98	1.43	45.32
1.207	29.38	72.44	9.61	5.53	3.99	1.44	45.33
1.22	29.38	72.44	9.46	5.54	3.97	1.51	45.32
1.276	29.38	72.44	9.61	5.54	3.92	1.34	45.32
1.344	29.38	72.43	9.58	5.54	3.91	1.33	45.32
1.363	29.37	72.43	9.65	5.52	3.9	1.39	45.32
1.39	29.37	72.43	9.38	5.51	3.88	1.35	45.32
1.475	29.37	72.43	9.54	5.51	3.81	1.34	45.32
1.51	29.38	72.43	9.65	5.53	3.84	1.37	45.32
1.518	29.37	72.44	10.22	5.52	3.82	1.35	45.32
1.601	29.37	72.44	9.96	5.52	3.76	1.4	45.32
1.669	29.37	72.43	9.69	5.52	3.78	1.28	45.32
1.685	29.37	72.43	9.69	5.51	3.75	1.27	45.32
1.768	29.37	72.44	9.69	5.51	3.7	1.49	45.33
1.809	29.38	72.44	9.69	5.54	3.72	1.43	45.32
1.84	29.38	72.44	9.8	5.53	3.68	1.39	45.32
1.927	29.38	72.45	9.92	5.53	3.66	1.41	45.33
1.978	29.38	72.45	10.07	5.51	3.69	1.34	45.32
1.984	29.38	72.44	9.8	5.52	3.66	1.39	45.32
2.051	29.38	72.44	9.77	5.52	3.62	1.35	45.32

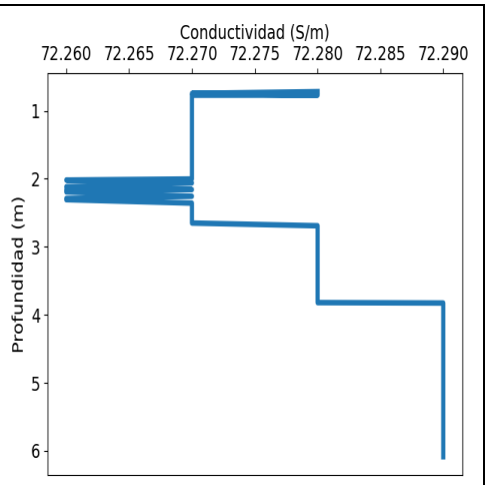
2.157	29.38	72.44	9.69	5.52	3.6	1.42	45.32
2.168	29.37	72.43	9.77	5.51	3.62	1.38	45.33
2.175	29.37	72.43	9.88	5.52	3.61	1.68	45.32
2.208	29.37	72.43	9.88	5.52	3.6	2.03	45.32
2.282	29.37	72.43	10.03	5.52	3.57	1.47	45.32
2.341	29.36	72.42	9.96	5.53	3.58	1.34	45.32
2.403	29.36	72.43	10.0	5.53	3.56	1.34	45.33
2.476	29.37	72.43	10.34	5.55	3.57	1.21	45.32
2.491	29.37	72.43	9.92	5.55	3.56	1.27	45.32
2.575	29.37	72.43	10.18	5.55	3.53	1.3	45.32
2.672	29.37	72.43	10.11	5.53	3.55	1.38	45.32
2.676	29.37	72.43	10.11	5.53	3.54	1.45	45.32
2.709	29.37	72.43	9.77	5.53	3.53	1.39	45.32
2.785	29.37	72.43	9.84	5.53	3.52	1.3	45.32
2.808	29.37	72.43	9.92	5.52	3.53	1.36	45.32
2.827	29.37	72.43	10.22	5.52	3.53	1.33	45.32
2.88	29.37	72.43	10.11	5.52	3.52	1.46	45.32
2.922	29.37	72.44	10.18	5.52	3.53	1.54	45.33
2.956	29.37	72.43	9.96	5.53	3.5	1.52	45.32
2.97	29.37	72.43	10.72	5.51	3.5	1.31	45.32
2.977	29.37	72.43	10.15	5.52	3.51	1.39	45.32
3.034	29.37	72.43	10.07	5.52	3.5	1.4	45.32
3.072	29.37	72.43	10.15	5.53	3.5	1.41	45.32
3.095	29.37	72.43	10.03	5.53	3.5	1.37	45.32
3.182	29.37	72.45	10.22	5.53	3.47	1.4	45.33
3.186	29.38	72.44	10.26	5.55	3.49	1.29	45.32
3.188	29.38	72.44	10.34	5.56	3.47	1.37	45.32
3.271	29.38	72.45	10.26	5.55	3.47	1.34	45.33
3.311	29.38	72.44	10.34	5.52	3.46	1.38	45.32
3.366	29.38	72.45	10.26	5.51	3.46	1.39	45.33
3.435	29.38	72.44	10.34	5.52	3.46	1.48	45.32
3.472	29.38	72.46	10.49	5.52	3.46	1.43	45.33
3.534	29.38	72.46	10.38	5.53	3.45	1.42	45.33
3.577	29.38	72.46	11.52	5.51	3.45	1.28	45.33
3.589	29.38	72.46	13.47	5.5	3.45	1.4	45.33
3.643	29.38	72.45	11.06	5.49	3.44	1.35	45.32
3.711	29.38	72.45	10.8	5.49	3.44	1.44	45.32
3.743	29.38	72.46	10.95	5.5	3.44	1.49	45.33
3.751	29.38	72.45	10.72	5.52	3.44	1.57	45.33
3.782	29.38	72.45	10.83	5.52	3.44	1.53	45.33
3.823	29.38	72.46	11.1	5.53	3.44	1.47	45.33
3.847	29.38	72.46	11.48	5.54	3.45	1.4	45.33
3.854	29.39	72.46	10.95	5.54	3.44	1.41	45.33
3.91	29.39	72.46	11.1	5.54	3.45	1.32	45.33
3.925	29.39	72.46	11.56	5.54	3.43	1.48	45.33
4.006	29.39	72.46	11.52	5.55	3.44	1.37	45.33
4.038	29.39	72.46	10.91	5.54	3.44	1.4	45.33
4.122	29.39	72.47	10.83	5.54	3.42	1.34	45.33
4.195	29.41	72.48	10.99	5.54	3.44	1.33	45.32
4.197	29.4	72.47	11.33	5.54	3.43	1.55	45.32
4.268	29.4	72.52	10.83	5.52	3.42	1.39	45.36
4.341	29.4	72.54	10.99	5.51	3.44	1.6	45.37
4.347	29.43	72.54	11.06	5.5	3.42	1.37	45.35
4.356	29.42	72.53	10.99	5.5	3.42	1.39	45.34
4.423	29.42	72.54	11.02	5.51	3.42	1.55	45.35
4.454	29.46	72.58	11.1	5.52	3.42	1.72	45.35
4.494	29.45	72.58	11.44	5.5	3.42	1.56	45.35
4.589	29.44	72.68	11.67	5.48	3.42	1.69	45.43

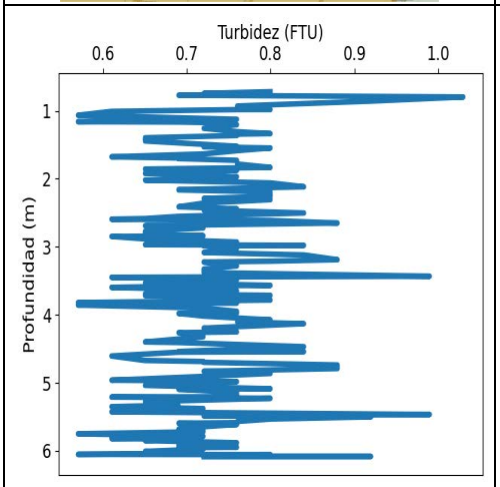
4.607	29.47	72.66	11.56	5.44	3.43	1.46	45.39
4.635	29.47	72.64	11.6	5.42	3.44	1.42	45.38
4.681	29.46	72.61	12.02	5.42	3.42	1.59	45.36
4.707	29.46	72.68	11.83	5.41	3.41	1.75	45.42
4.717	29.46	72.71	11.56	5.4	3.42	1.69	45.43
4.723	29.47	72.69	11.52	5.39	3.41	1.92	45.41
4.724	29.47	72.66	11.06	5.36	3.42	1.53	45.39
4.726	29.47	72.66	11.18	5.33	3.42	1.86	45.39
4.73	29.47	72.66	11.56	5.3	3.42	1.69	45.4
4.733	29.47	72.67	12.28	5.29	3.42	1.75	45.4
4.736	29.47	72.68	12.13	5.29	3.42	1.63	45.41
4.737	29.47	72.69	11.9	5.29	3.42	1.73	45.41

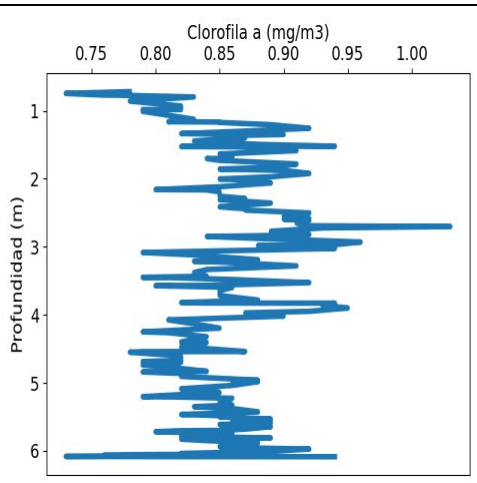
Nombre: CTD N02 - Punto 002 **Fecha: 27/08/2024** **Hora: 07:08:50**

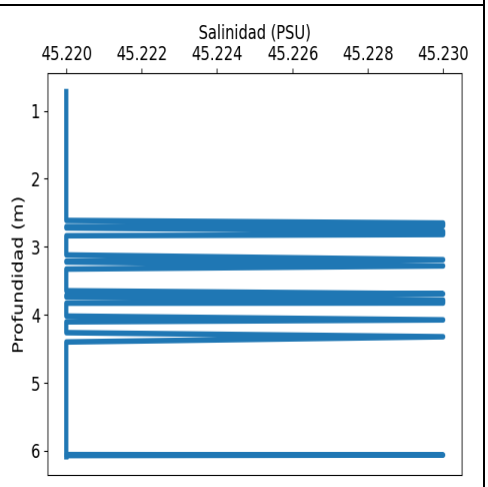


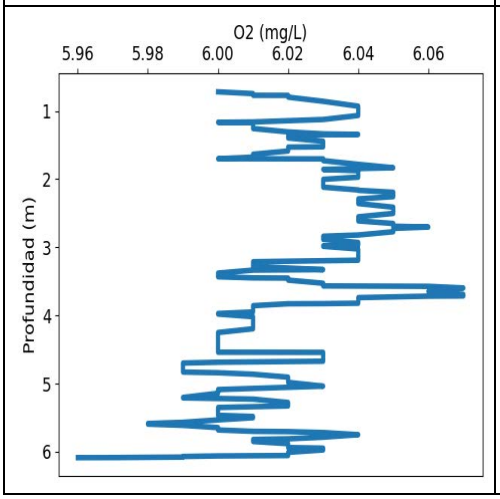


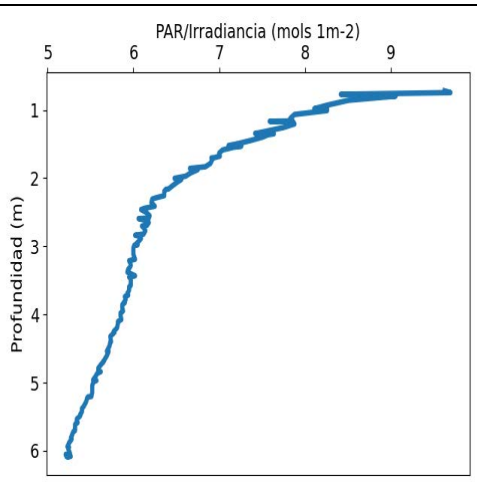


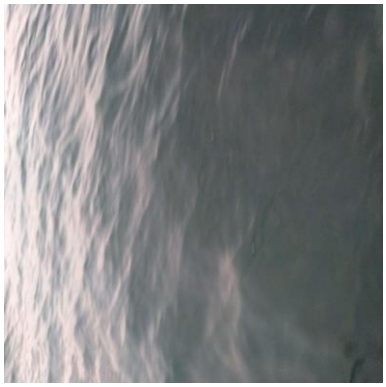












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.35	72.26	0.57	5.96	5.21	0.73	45.22
PROF (metros)	1.205	2.019	1.066	6.087	6.054	0.745	0.719
MÁXIMO	29.37	29.37	1.03	6.07	9.7	1.03	45.23
PROF (metros)	3.949	3.827	0.797	3.597	0.745	2.703	2.651

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	29.36	72.27	0.81	6.02	8.76	0.79	45.22
1 - 2m	29.35	72.27	0.72	6.03	7.3	0.86	45.22
2 - 3m	29.35	72.27	0.73	6.04	6.2	0.89	45.22
3 - 4m	29.36	72.28	0.73	6.03	5.94	0.86	45.22
4 - 5m	29.37	72.29	0.74	6.01	5.69	0.83	45.22
5 - 6m	29.37	72.29	0.72	6.01	5.36	0.85	45.22
6 - 7m	29.37	72.29	0.73	6.0	5.24	0.81	45.22

OBSERVACIONES GENERALES

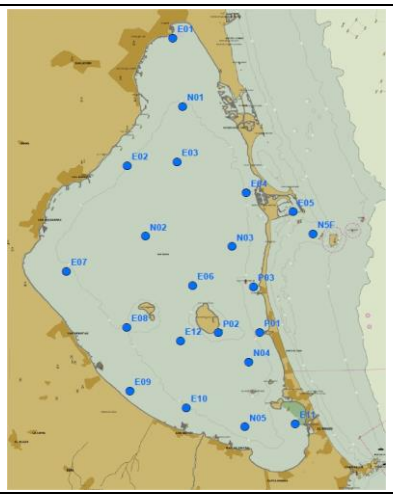
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.719	29.36	72.28	0.8	6.0	9.63	0.78	45.22
0.745	29.36	72.27	0.72	6.01	9.7	0.73	45.22
0.77	29.36	72.28	0.8	6.01	8.42	0.76	45.22
0.771	29.36	72.27	0.69	6.02	8.9	0.77	45.22
0.797	29.36	72.27	1.03	6.02	9.06	0.83	45.22
0.858	29.36	72.27	0.92	6.03	8.51	0.78	45.22
0.93	29.36	72.27	0.76	6.04	8.26	0.82	45.22
0.982	29.36	72.27	0.8	6.04	8.11	0.82	45.22
0.983	29.36	72.27	0.76	6.04	8.26	0.79	45.22
1.009	29.36	72.27	0.61	6.04	8.26	0.79	45.22
1.066	29.36	72.27	0.57	6.04	7.88	0.81	45.22
1.125	29.36	72.27	0.76	6.03	7.83	0.83	45.22
1.161	29.36	72.27	0.57	6.01	7.86	0.81	45.22
1.166	29.36	72.27	0.69	6.0	7.59	0.85	45.22
1.172	29.36	72.27	0.72	6.01	7.86	0.85	45.22
1.205	29.35	72.27	0.76	6.01	7.88	0.89	45.22
1.258	29.35	72.27	0.72	6.01	7.75	0.92	45.22
1.307	29.35	72.27	0.76	6.02	7.57	0.86	45.22
1.336	29.35	72.27	0.8	6.03	7.46	0.82	45.22
1.344	29.35	72.27	0.76	6.04	7.42	0.85	45.22
1.349	29.36	72.27	0.76	6.03	7.64	0.9	45.22
1.364	29.36	72.27	0.76	6.02	7.57	0.86	45.22
1.397	29.35	72.27	0.65	6.02	7.51	0.87	45.22
1.444	29.35	72.27	0.65	6.03	7.38	0.83	45.22
1.494	29.35	72.27	0.72	6.03	7.22	0.88	45.22
1.522	29.35	72.27	0.76	6.03	7.11	0.94	45.22
1.526	29.35	72.27	0.72	6.03	7.2	0.82	45.22
1.53	29.35	72.27	0.72	6.02	7.26	0.86	45.22
1.547	29.35	72.27	0.8	6.02	7.17	0.89	45.22
1.587	29.35	72.27	0.76	6.02	7.04	0.91	45.22
1.635	29.35	72.27	0.72	6.01	7.0	0.85	45.22
1.677	29.35	72.27	0.61	6.01	7.01	0.86	45.22
1.701	29.35	72.27	0.72	6.0	6.94	0.86	45.22
1.703	29.35	72.27	0.69	6.03	6.91	0.84	45.22
1.729	29.35	72.27	0.76	6.03	6.92	0.85	45.22

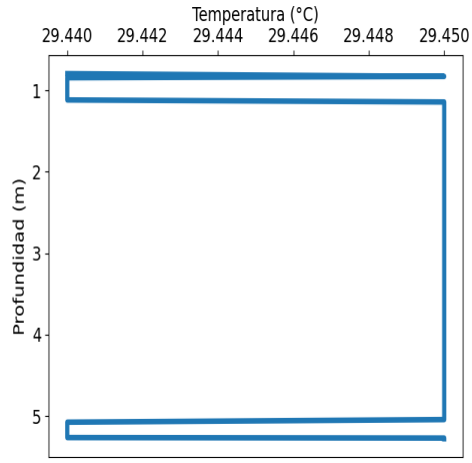
1.783	29.35	72.27	0.76	6.04	6.9	0.91	45.22
1.833	29.35	72.27	0.8	6.05	6.84	0.89	45.22
1.857	29.35	72.27	0.65	6.03	6.66	0.85	45.22
1.877	29.35	72.27	0.76	6.04	6.75	0.9	45.22
1.922	29.35	72.27	0.65	6.04	6.67	0.92	45.22
1.971	29.35	72.27	0.76	6.04	6.61	0.89	45.22
2.003	29.35	72.27	0.72	6.03	6.48	0.85	45.22
2.019	29.35	72.26	0.65	6.03	6.56	0.87	45.22
2.061	29.35	72.27	0.8	6.03	6.51	0.89	45.22
2.118	29.35	72.26	0.84	6.03	6.45	0.85	45.22
2.159	29.35	72.27	0.69	6.04	6.41	0.8	45.22
2.164	29.35	72.26	0.69	6.04	6.38	0.84	45.22
2.193	29.35	72.26	0.8	6.05	6.36	0.85	45.22
2.257	29.35	72.27	0.8	6.05	6.36	0.85	45.22
2.29	29.35	72.26	0.72	6.04	6.26	0.87	45.22
2.307	29.35	72.26	0.8	6.04	6.22	0.85	45.22
2.358	29.35	72.27	0.72	6.04	6.21	0.89	45.22
2.412	29.35	72.27	0.69	6.05	6.25	0.85	45.22
2.442	29.35	72.27	0.76	6.05	6.13	0.87	45.22
2.461	29.35	72.27	0.72	6.05	6.09	0.87	45.22
2.503	29.35	72.27	0.84	6.05	6.15	0.92	45.22
2.553	29.35	72.27	0.69	6.04	6.19	0.9	45.22
2.585	29.35	72.27	0.65	6.04	6.18	0.92	45.22
2.594	29.35	72.27	0.61	6.04	6.06	0.9	45.22
2.613	29.35	72.27	0.8	6.04	6.12	0.92	45.22
2.651	29.35	72.27	0.88	6.05	6.18	0.91	45.23
2.691	29.35	72.28	0.65	6.05	6.16	0.92	45.23
2.703	29.36	72.28	0.72	6.06	6.1	1.03	45.22
2.723	29.36	72.28	0.72	6.05	6.12	0.93	45.22
2.772	29.36	72.28	0.65	6.05	6.14	0.89	45.23
2.82	29.36	72.28	0.65	6.04	6.12	0.92	45.23
2.838	29.36	72.28	0.72	6.03	6.02	0.88	45.22
2.848	29.36	72.28	0.61	6.03	6.06	0.84	45.22
2.884	29.36	72.28	0.65	6.03	6.09	0.89	45.22
2.93	29.36	72.28	0.76	6.04	6.06	0.96	45.22
2.969	29.36	72.28	0.65	6.04	6.03	0.94	45.22
2.979	29.36	72.28	0.84	6.03	6.05	0.88	45.22
2.986	29.36	72.28	0.72	6.03	6.01	0.88	45.22
3.025	29.36	72.28	0.76	6.04	6.0	0.94	45.22
3.084	29.36	72.28	0.72	6.04	6.0	0.79	45.22
3.12	29.36	72.28	0.84	6.04	6.0	0.83	45.22
3.19	29.36	72.28	0.88	6.04	6.02	0.88	45.23
3.212	29.36	72.28	0.8	6.01	5.95	0.83	45.22
3.224	29.36	72.28	0.72	6.01	5.96	0.85	45.22
3.281	29.36	72.28	0.76	6.01	5.97	0.91	45.23
3.328	29.36	72.28	0.72	6.03	5.95	0.85	45.22
3.335	29.36	72.28	0.72	6.01	5.94	0.84	45.22
3.379	29.36	72.28	0.72	6.0	5.93	0.83	45.22
3.433	29.36	72.28	0.99	6.0	6.02	0.84	45.22
3.449	29.36	72.28	0.61	6.01	5.96	0.79	45.22
3.452	29.36	72.28	0.76	6.02	5.95	0.81	45.22
3.482	29.36	72.28	0.76	6.02	5.97	0.86	45.22
3.528	29.36	72.28	0.65	6.03	5.97	0.92	45.22
3.567	29.36	72.28	0.8	6.03	5.97	0.84	45.22
3.573	29.36	72.28	0.72	6.06	5.97	0.8	45.22
3.597	29.36	72.28	0.61	6.07	5.95	0.86	45.22
3.647	29.36	72.28	0.76	6.06	5.95	0.85	45.22
3.692	29.36	72.28	0.65	6.07	5.93	0.85	45.23

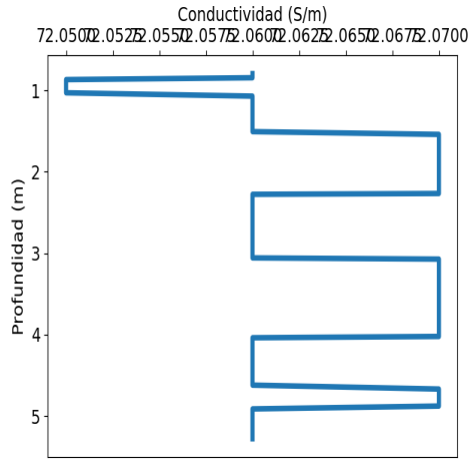
3.714	29.36	72.28	0.8	6.07	5.94	0.85	45.22
3.717	29.36	72.28	0.65	6.06	5.94	0.85	45.22
3.739	29.36	72.28	0.76	6.04	5.9	0.86	45.22
3.783	29.36	72.28	0.8	6.04	5.91	0.88	45.23
3.821	29.36	72.28	0.57	6.04	5.89	0.82	45.23
3.827	29.36	72.29	0.76	6.03	5.9	0.84	45.23
3.829	29.36	72.29	0.65	6.02	5.9	0.94	45.22
3.857	29.36	72.29	0.57	6.01	5.87	0.93	45.22
3.901	29.36	72.29	0.72	6.01	5.87	0.95	45.22
3.949	29.36	72.29	0.76	6.01	5.88	0.92	45.22
3.972	29.37	72.29	0.76	6.0	5.86	0.87	45.22
3.98	29.37	72.29	0.69	6.0	5.85	0.87	45.22
4.019	29.36	72.29	0.72	6.01	5.85	0.9	45.22
4.075	29.36	72.29	0.8	6.01	5.86	0.81	45.23
4.104	29.37	72.29	0.76	6.01	5.82	0.82	45.22
4.131	29.37	72.29	0.84	6.01	5.82	0.83	45.22
4.196	29.37	72.29	0.72	6.01	5.81	0.85	45.22
4.251	29.37	72.29	0.76	6.0	5.77	0.79	45.22
4.263	29.37	72.29	0.69	6.0	5.78	0.81	45.22
4.323	29.37	72.29	0.72	6.0	5.73	0.84	45.23
4.4	29.37	72.29	0.65	6.0	5.74	0.82	45.22
4.408	29.37	72.29	0.69	6.0	5.73	0.84	45.22
4.469	29.37	72.29	0.84	6.0	5.72	0.82	45.22
4.54	29.37	72.29	0.69	6.0	5.69	0.87	45.22
4.542	29.37	72.29	0.84	6.03	5.71	0.79	45.22
4.55	29.37	72.29	0.69	6.03	5.71	0.78	45.22
4.606	29.37	72.29	0.61	6.03	5.69	0.82	45.22
4.672	29.37	72.29	0.65	6.03	5.66	0.82	45.22
4.687	29.37	72.29	0.72	6.0	5.65	0.79	45.22
4.699	29.37	72.29	0.72	5.99	5.65	0.82	45.22
4.738	29.37	72.29	0.88	5.99	5.62	0.79	45.22
4.791	29.37	72.29	0.88	5.99	5.59	0.82	45.22
4.831	29.37	72.29	0.72	5.99	5.59	0.84	45.22
4.841	29.37	72.29	0.8	6.0	5.62	0.79	45.22
4.863	29.37	72.29	0.8	6.01	5.58	0.82	45.22
4.906	29.37	72.29	0.72	6.02	5.56	0.82	45.22
4.962	29.37	72.29	0.61	6.02	5.53	0.88	45.22
4.97	29.37	72.29	0.69	6.02	5.57	0.86	45.22
4.983	29.37	72.29	0.76	6.02	5.54	0.88	45.22
5.038	29.37	72.29	0.65	6.03	5.52	0.86	45.22
5.088	29.37	72.29	0.8	6.0	5.52	0.82	45.22
5.095	29.37	72.29	0.69	6.0	5.52	0.84	45.22
5.143	29.37	72.29	0.76	6.0	5.52	0.85	45.22
5.204	29.37	72.29	0.76	5.99	5.51	0.79	45.22
5.21	29.37	72.29	0.61	5.99	5.47	0.82	45.22
5.228	29.37	72.29	0.8	6.01	5.46	0.86	45.22
5.278	29.37	72.29	0.65	6.02	5.45	0.85	45.22
5.328	29.37	72.29	0.69	6.02	5.43	0.86	45.22
5.351	29.37	72.29	0.61	6.0	5.42	0.83	45.22
5.379	29.37	72.29	0.72	6.0	5.4	0.86	45.22
5.427	29.37	72.29	0.61	6.0	5.4	0.88	45.22
5.466	29.37	72.29	0.99	6.0	5.38	0.82	45.22
5.483	29.37	72.29	0.8	6.01	5.38	0.85	45.22
5.487	29.37	72.29	0.72	6.01	5.38	0.86	45.22
5.501	29.37	72.29	0.92	6.01	5.37	0.85	45.22
5.533	29.37	72.29	0.8	6.0	5.34	0.89	45.22
5.569	29.37	72.29	0.76	5.99	5.34	0.86	45.22
5.586	29.37	72.29	0.76	5.98	5.35	0.89	45.22

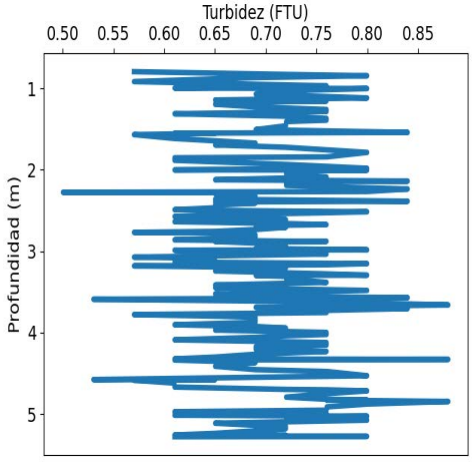
5.595	29.37	72.29	0.69	5.98	5.34	0.88	45.22
5.613	29.37	72.29	0.76	5.99	5.32	0.85	45.22
5.646	29.37	72.29	0.72	6.0	5.32	0.89	45.22
5.681	29.37	72.29	0.69	6.0	5.32	0.87	45.22
5.701	29.37	72.29	0.69	6.01	5.32	0.85	45.22
5.705	29.37	72.29	0.72	6.02	5.32	0.82	45.22
5.719	29.37	72.29	0.72	6.03	5.3	0.8	45.22
5.75	29.37	72.29	0.57	6.04	5.29	0.86	45.22
5.787	29.37	72.29	0.72	6.03	5.28	0.82	45.22
5.811	29.37	72.29	0.65	6.02	5.27	0.89	45.22
5.82	29.37	72.29	0.61	6.01	5.28	0.87	45.22
5.829	29.37	72.29	0.69	6.01	5.28	0.82	45.22
5.85	29.37	72.29	0.65	6.01	5.27	0.84	45.22
5.882	29.37	72.29	0.76	6.02	5.25	0.88	45.22
5.915	29.37	72.29	0.69	6.02	5.24	0.87	45.22
5.939	29.36	72.29	0.72	6.02	5.23	0.85	45.22
5.948	29.37	72.29	0.76	6.03	5.25	0.87	45.22
5.954	29.36	72.29	0.69	6.03	5.24	0.86	45.22
5.974	29.36	72.29	0.72	6.03	5.24	0.92	45.22
6.009	29.36	72.29	0.65	6.02	5.25	0.89	45.22
6.039	29.36	72.29	0.69	6.02	5.26	0.82	45.22
6.053	29.36	72.29	0.57	6.02	5.26	0.82	45.22
6.054	29.37	72.29	0.72	6.02	5.21	0.81	45.22
6.056	29.37	72.29	0.8	6.02	5.21	0.79	45.22
6.062	29.37	72.29	0.72	6.0	5.22	0.76	45.23
6.07	29.37	72.29	0.76	5.99	5.22	0.76	45.22
6.079	29.37	72.29	0.72	5.99	5.26	0.76	45.22
6.083	29.37	72.29	0.92	5.98	5.27	0.73	45.22
6.086	29.37	72.29	0.72	5.97	5.22	0.82	45.22
6.087	29.37	72.29	0.72	5.96	5.23	0.94	45.22

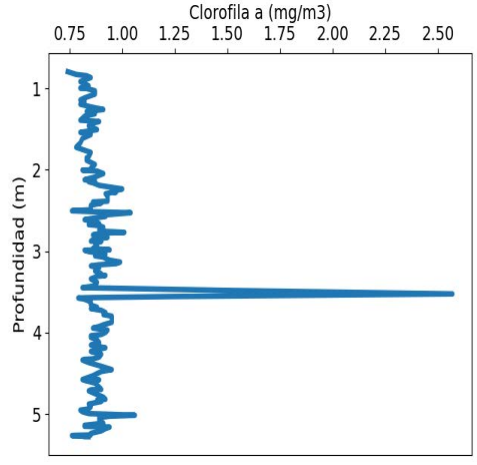
Nombre: CTD E02 - Punto 003 **Fecha: 27/08/2024** **Hora: 07:08:34**

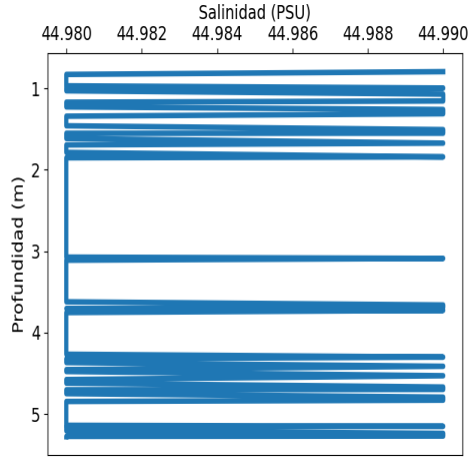


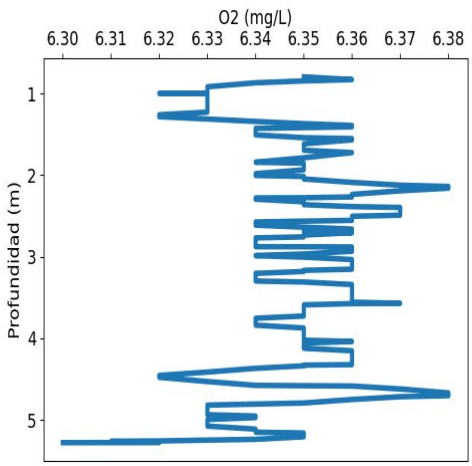


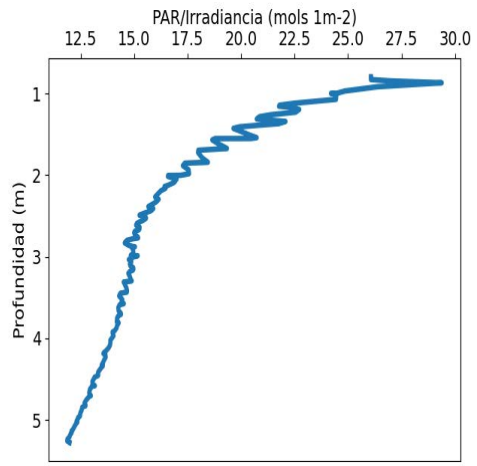


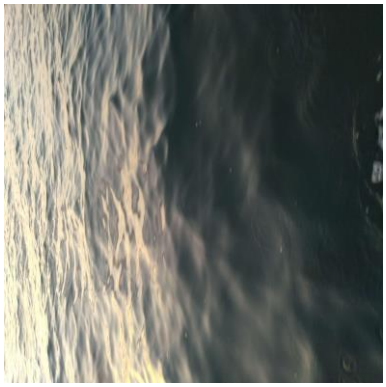












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.44	72.05	0.5	6.3	11.87	0.74	44.98
PROF (metros)	0.794	0.867	2.276	5.278	5.257	0.794	0.828
MÁXIMO	29.45	29.45	0.88	6.38	29.38	2.57	44.99
PROF (metros)	0.828	1.54	3.66	2.138	0.867	3.524	0.794

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	29.44	72.05	0.67	6.34	26.05	0.8	44.98
1 - 2m	29.45	72.06	0.71	6.34	20.41	0.83	44.99
2 - 3m	29.45	72.06	0.7	6.35	15.58	0.89	44.98
3 - 4m	29.45	72.07	0.7	6.35	14.51	0.95	44.98
4 - 5m	29.45	72.06	0.71	6.35	13.16	0.87	44.98
5 - 6m	29.44	72.06	0.7	6.33	12.06	0.87	44.98

OBSERVACIONES GENERALES

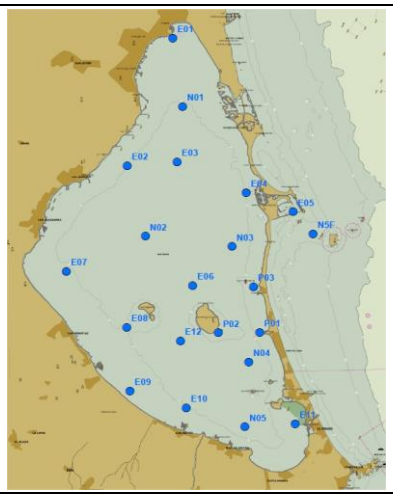
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.794	29.44	72.06	0.57	6.35	26.07	0.74	44.99
0.828	29.45	72.06	0.72	6.36	26.07	0.78	44.98
0.844	29.44	72.06	0.8	6.35	26.98	0.83	44.98
0.867	29.44	72.05	0.69	6.34	29.38	0.85	44.98
0.916	29.44	72.05	0.57	6.33	26.37	0.8	44.98
0.968	29.44	72.05	0.76	6.33	24.85	0.84	44.98
0.995	29.44	72.05	0.61	6.33	24.49	0.8	44.99
0.997	29.44	72.05	0.65	6.32	24.2	0.8	44.99
1.001	29.44	72.05	0.8	6.33	24.32	0.83	44.98
1.029	29.44	72.05	0.72	6.33	24.45	0.87	44.98
1.07	29.44	72.06	0.69	6.33	24.44	0.87	44.99
1.117	29.44	72.06	0.8	6.33	22.52	0.82	44.99
1.142	29.45	72.06	0.65	6.33	21.8	0.8	44.99
1.154	29.45	72.06	0.76	6.33	21.77	0.82	44.99
1.169	29.45	72.06	0.69	6.33	22.37	0.82	44.98
1.194	29.45	72.06	0.65	6.33	22.72	0.8	44.98
1.227	29.45	72.06	0.69	6.33	22.55	0.85	44.98
1.259	29.45	72.06	0.76	6.32	21.39	0.91	44.99
1.283	29.45	72.06	0.76	6.32	20.86	0.83	44.99
1.311	29.45	72.06	0.61	6.33	20.73	0.87	44.99
1.341	29.45	72.06	0.72	6.34	22.08	0.82	44.98
1.368	29.45	72.06	0.76	6.35	21.75	0.81	44.98
1.39	29.45	72.06	0.76	6.36	20.68	0.8	44.98
1.407	29.45	72.06	0.72	6.36	19.93	0.89	44.98
1.426	29.45	72.06	0.72	6.34	19.64	0.86	44.98
1.459	29.45	72.06	0.72	6.34	19.96	0.84	44.98
1.506	29.45	72.06	0.69	6.34	20.38	0.88	44.99
1.54	29.45	72.07	0.84	6.35	20.73	0.8	44.99
1.55	29.45	72.07	0.61	6.36	20.45	0.83	44.99
1.551	29.45	72.07	0.65	6.36	18.78	0.83	44.98
1.567	29.45	72.07	0.57	6.36	18.65	0.85	44.98
1.615	29.45	72.07	0.61	6.35	18.94	0.81	44.98
1.672	29.45	72.07	0.69	6.35	19.34	0.8	44.99
1.694	29.45	72.07	0.65	6.35	18.0	0.79	44.98
1.723	29.45	72.07	0.72	6.36	17.99	0.78	44.98
1.786	29.45	72.07	0.8	6.35	18.18	0.85	44.98

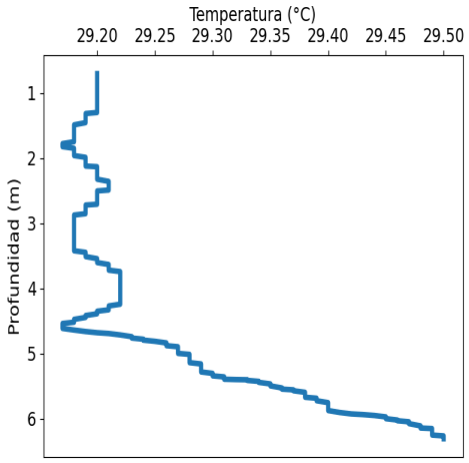
1.841	29.45	72.07	0.76	6.34	18.45	0.84	44.99
1.852	29.45	72.07	0.61	6.35	17.37	0.83	44.98
1.883	29.45	72.07	0.61	6.35	17.28	0.83	44.98
1.934	29.45	72.07	0.72	6.35	17.55	0.87	44.98
1.981	29.45	72.07	0.8	6.34	17.57	0.85	44.98
2.001	29.45	72.07	0.61	6.34	17.18	0.86	44.98
2.003	29.45	72.07	0.8	6.34	16.59	0.81	44.98
2.015	29.45	72.07	0.72	6.35	16.58	0.88	44.98
2.046	29.45	72.07	0.72	6.35	16.99	0.91	44.98
2.088	29.45	72.07	0.76	6.36	16.87	0.87	44.98
2.122	29.45	72.07	0.65	6.37	16.6	0.82	44.98
2.138	29.45	72.07	0.84	6.38	16.42	0.87	44.98
2.146	29.45	72.07	0.72	6.38	16.43	0.84	44.98
2.159	29.45	72.07	0.72	6.38	16.47	0.86	44.98
2.191	29.45	72.07	0.72	6.37	16.25	0.89	44.98
2.235	29.45	72.07	0.84	6.36	16.09	1.0	44.98
2.266	29.45	72.07	0.8	6.36	15.98	0.95	44.98
2.276	29.45	72.06	0.5	6.35	16.07	0.97	44.98
2.278	29.45	72.06	0.65	6.34	16.03	0.95	44.98
2.294	29.45	72.06	0.65	6.34	16.15	0.92	44.98
2.326	29.45	72.06	0.69	6.35	16.03	0.93	44.98
2.361	29.45	72.06	0.65	6.35	15.82	0.93	44.98
2.385	29.45	72.06	0.84	6.36	15.66	0.93	44.98
2.395	29.45	72.06	0.65	6.37	15.72	0.86	44.98
2.408	29.45	72.06	0.69	6.37	15.9	0.9	44.98
2.435	29.45	72.06	0.65	6.37	15.79	0.85	44.98
2.466	29.45	72.06	0.65	6.37	15.47	0.85	44.98
2.49	29.45	72.06	0.61	6.37	15.25	0.85	44.98
2.503	29.45	72.06	0.69	6.36	15.44	0.76	44.98
2.515	29.45	72.06	0.8	6.36	15.55	0.87	44.98
2.527	29.45	72.06	0.76	6.36	15.56	1.04	44.98
2.553	29.45	72.06	0.65	6.36	15.42	0.92	44.98
2.573	29.45	72.06	0.61	6.34	15.25	0.92	44.98
2.59	29.45	72.06	0.65	6.34	15.13	0.87	44.98
2.612	29.45	72.06	0.72	6.34	15.09	0.82	44.98
2.637	29.45	72.06	0.61	6.35	15.26	0.87	44.98
2.66	29.45	72.06	0.72	6.36	15.25	0.89	44.98
2.673	29.45	72.06	0.76	6.36	15.2	0.84	44.98
2.685	29.45	72.06	0.69	6.35	15.04	0.89	44.98
2.705	29.45	72.06	0.72	6.36	15.0	0.91	44.98
2.733	29.45	72.06	0.69	6.35	15.05	0.89	44.98
2.756	29.45	72.06	0.65	6.35	15.17	0.92	44.98
2.768	29.45	72.06	0.57	6.34	15.19	1.01	44.98
2.778	29.45	72.06	0.65	6.34	14.95	0.9	44.98
2.799	29.45	72.06	0.69	6.34	14.66	0.86	44.98
2.83	29.45	72.06	0.69	6.34	14.56	0.93	44.98
2.86	29.45	72.06	0.61	6.34	14.75	0.86	44.98
2.876	29.45	72.06	0.72	6.34	14.98	0.85	44.98
2.877	29.45	72.06	0.76	6.35	15.04	0.9	44.98
2.88	29.45	72.06	0.65	6.36	14.88	0.9	44.98
2.9	29.45	72.06	0.69	6.36	14.94	0.87	44.98
2.932	29.45	72.06	0.72	6.36	14.96	0.88	44.98
2.966	29.45	72.06	0.69	6.35	14.96	0.86	44.98
2.983	29.45	72.06	0.8	6.34	14.84	0.94	44.98
2.984	29.45	72.06	0.72	6.34	14.92	0.89	44.98
2.987	29.45	72.06	0.61	6.34	15.17	0.82	44.98
3.004	29.45	72.06	0.65	6.35	14.95	0.84	44.98
3.034	29.45	72.06	0.76	6.36	14.75	0.92	44.98

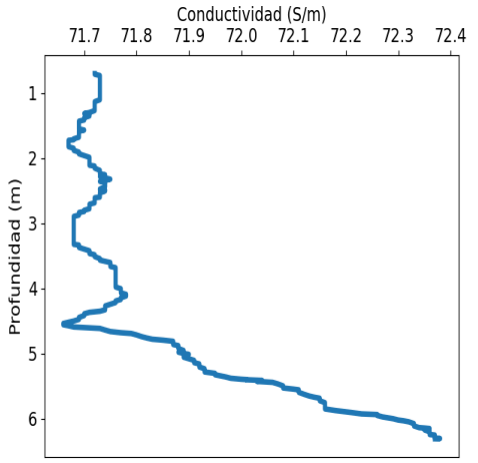
3.057	29.45	72.06	0.65	6.36	14.87	0.87	44.98
3.072	29.45	72.07	0.57	6.36	14.86	0.91	44.98
3.088	29.45	72.07	0.65	6.36	14.8	0.92	44.99
3.11	29.45	72.07	0.65	6.36	14.82	0.94	44.98
3.133	29.45	72.07	0.61	6.36	14.96	0.99	44.98
3.152	29.45	72.07	0.8	6.36	14.97	0.97	44.98
3.166	29.45	72.07	0.76	6.35	14.93	0.89	44.98
3.18	29.45	72.07	0.57	6.35	14.8	0.85	44.98
3.203	29.45	72.07	0.72	6.34	14.73	0.89	44.98
3.242	29.45	72.07	0.65	6.34	14.8	0.87	44.98
3.278	29.45	72.07	0.76	6.34	14.84	0.9	44.98
3.294	29.45	72.07	0.8	6.34	14.89	0.88	44.98
3.297	29.45	72.07	0.69	6.34	14.87	0.92	44.98
3.309	29.45	72.07	0.72	6.35	14.51	0.88	44.98
3.34	29.45	72.07	0.72	6.36	14.57	0.85	44.98
3.382	29.45	72.07	0.76	6.36	14.64	0.88	44.98
3.415	29.45	72.07	0.65	6.36	14.67	0.87	44.98
3.429	29.45	72.07	0.72	6.36	14.66	0.86	44.98
3.433	29.45	72.07	0.69	6.36	14.66	0.85	44.98
3.447	29.45	72.07	0.65	6.36	14.36	0.81	44.98
3.481	29.45	72.07	0.8	6.36	14.3	1.49	44.98
3.524	29.45	72.07	0.65	6.36	14.45	2.57	44.98
3.556	29.45	72.07	0.72	6.36	14.41	1.24	44.98
3.57	29.45	72.07	0.84	6.37	14.41	0.84	44.98
3.574	29.45	72.07	0.8	6.36	14.52	0.79	44.98
3.589	29.45	72.07	0.53	6.35	14.32	0.82	44.98
3.621	29.45	72.07	0.76	6.35	14.26	0.85	44.98
3.66	29.45	72.07	0.88	6.35	14.27	0.85	44.99
3.688	29.45	72.07	0.69	6.35	14.37	0.88	44.99
3.704	29.45	72.07	0.84	6.35	14.39	0.85	44.98
3.726	29.45	72.07	0.76	6.35	14.25	0.9	44.99
3.753	29.45	72.07	0.76	6.34	14.2	0.92	44.98
3.778	29.45	72.07	0.57	6.34	14.22	0.91	44.98
3.797	29.45	72.07	0.65	6.34	14.19	0.95	44.98
3.81	29.45	72.07	0.69	6.34	14.28	0.95	44.98
3.838	29.45	72.07	0.69	6.34	14.21	0.95	44.98
3.873	29.45	72.07	0.69	6.35	14.18	0.95	44.98
3.903	29.45	72.07	0.61	6.35	14.1	0.91	44.98
3.924	29.45	72.07	0.69	6.35	13.99	0.89	44.98
3.944	29.45	72.07	0.72	6.35	14.0	0.86	44.98
3.968	29.45	72.07	0.65	6.35	14.04	0.93	44.98
3.997	29.45	72.07	0.76	6.35	13.96	0.92	44.98
4.022	29.45	72.07	0.76	6.35	13.89	0.9	44.98
4.038	29.45	72.06	0.72	6.36	13.89	0.85	44.98
4.058	29.45	72.06	0.69	6.35	13.89	0.85	44.98
4.088	29.45	72.06	0.61	6.35	13.87	0.88	44.98
4.121	29.45	72.06	0.76	6.35	13.79	0.89	44.98
4.152	29.45	72.06	0.76	6.36	13.69	0.85	44.98
4.172	29.45	72.06	0.69	6.36	13.6	0.89	44.98
4.186	29.45	72.06	0.69	6.36	13.56	0.92	44.98
4.203	29.45	72.06	0.69	6.36	13.66	0.89	44.98
4.23	29.45	72.06	0.76	6.36	13.67	0.85	44.98
4.265	29.45	72.06	0.69	6.36	13.6	0.9	44.98
4.3	29.45	72.06	0.65	6.36	13.54	0.89	44.99
4.322	29.45	72.06	0.61	6.36	13.49	0.86	44.98
4.328	29.45	72.06	0.88	6.35	13.49	0.82	44.98
4.336	29.45	72.06	0.61	6.35	13.54	0.81	44.98
4.367	29.45	72.06	0.69	6.34	13.44	0.84	44.98

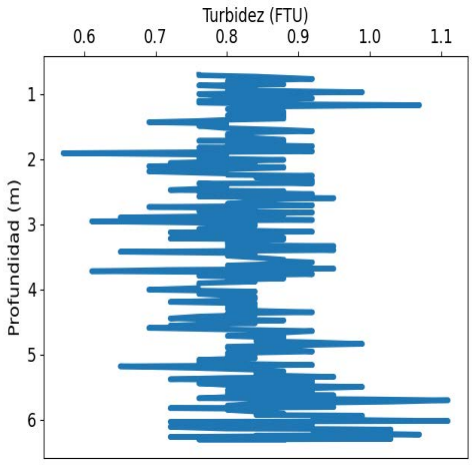
4.413	29.45	72.06	0.65	6.33	13.32	0.9	44.99
4.454	29.45	72.06	0.69	6.32	13.32	0.95	44.98
4.477	29.45	72.06	0.76	6.32	13.15	0.9	44.98
4.529	29.45	72.06	0.8	6.33	13.05	0.86	44.99
4.576	29.45	72.06	0.53	6.34	13.06	0.81	44.98
4.58	29.45	72.06	0.65	6.35	13.17	0.89	44.98
4.584	29.45	72.06	0.57	6.36	13.05	0.82	44.98
4.62	29.45	72.06	0.61	6.37	12.94	0.87	44.98
4.668	29.45	72.07	0.61	6.38	12.9	0.89	44.99
4.697	29.45	72.07	0.72	6.38	12.96	0.9	44.99
4.702	29.45	72.07	0.76	6.38	12.98	0.85	44.98
4.715	29.45	72.07	0.8	6.37	12.89	0.84	44.98
4.749	29.45	72.07	0.76	6.36	12.78	0.87	44.98
4.792	29.45	72.07	0.72	6.35	12.68	0.91	44.99
4.818	29.45	72.07	0.76	6.33	12.73	0.92	44.99
4.827	29.45	72.07	0.8	6.33	12.73	0.88	44.99
4.829	29.45	72.07	0.76	6.33	12.69	0.9	44.99
4.845	29.45	72.07	0.88	6.33	12.57	0.9	44.98
4.877	29.45	72.07	0.8	6.33	12.55	0.84	44.98
4.912	29.45	72.06	0.76	6.33	12.49	0.85	44.98
4.936	29.45	72.06	0.76	6.33	12.48	0.84	44.98
4.952	29.45	72.06	0.76	6.34	12.47	0.8	44.98
4.971	29.45	72.06	0.61	6.34	12.38	0.81	44.98
4.994	29.45	72.06	0.76	6.33	12.36	0.84	44.98
5.014	29.45	72.06	0.61	6.33	12.31	1.06	44.98
5.026	29.45	72.06	0.8	6.33	12.35	0.94	44.98
5.043	29.45	72.06	0.72	6.33	12.29	0.89	44.98
5.075	29.44	72.06	0.8	6.33	12.22	0.89	44.98
5.112	29.44	72.06	0.65	6.34	12.15	0.91	44.98
5.138	29.44	72.06	0.69	6.34	12.07	0.82	44.98
5.15	29.44	72.06	0.72	6.34	12.08	0.82	44.99
5.16	29.44	72.06	0.69	6.35	12.07	0.94	44.98
5.178	29.44	72.06	0.72	6.35	12.02	0.92	44.98
5.206	29.44	72.06	0.69	6.35	11.98	0.9	44.98
5.237	29.44	72.06	0.65	6.34	11.88	0.85	44.99
5.257	29.44	72.06	0.61	6.32	11.87	0.85	44.99
5.261	29.44	72.06	0.72	6.31	11.92	0.78	44.99
5.264	29.44	72.06	0.65	6.31	11.96	0.76	44.99
5.27	29.45	72.06	0.69	6.32	11.97	0.8	44.99
5.274	29.45	72.06	0.8	6.32	11.96	0.82	44.98
5.277	29.45	72.06	0.72	6.32	11.97	0.82	44.98
5.278	29.45	72.06	0.61	6.3	11.98	0.84	44.98

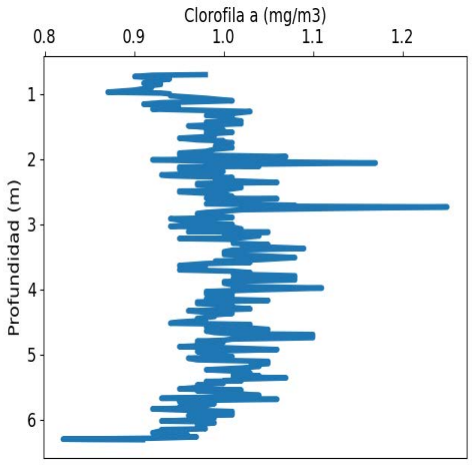
Nombre: CTD E03 - Punto 004 **Fecha: 27/08/2024** **Hora: 07:08:57**

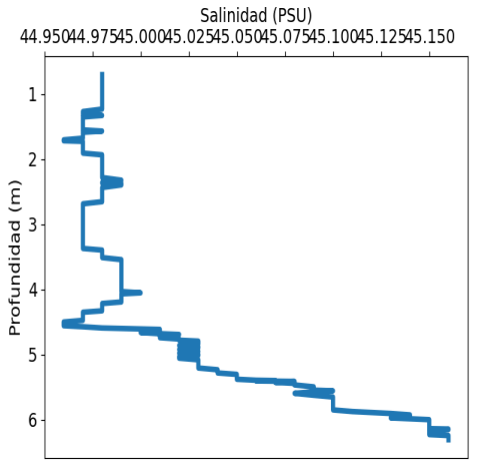


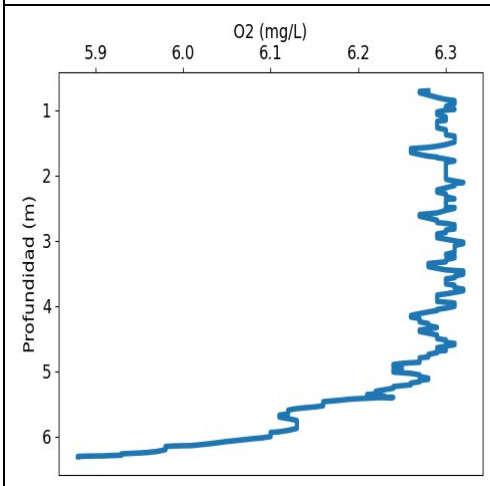


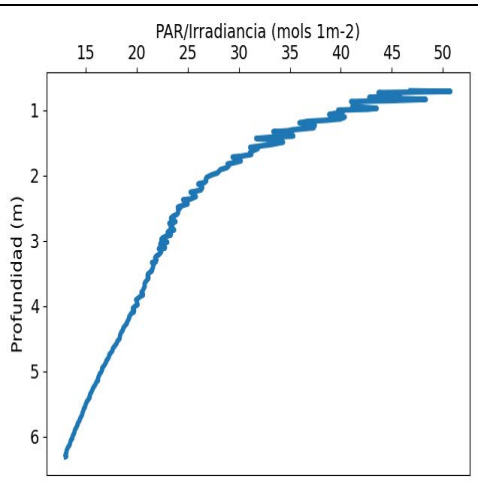


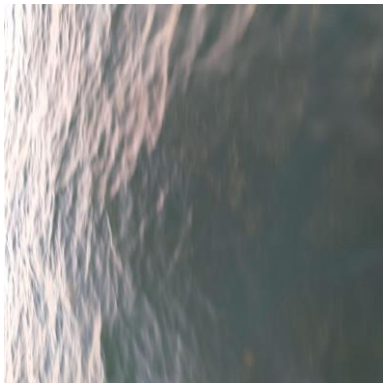












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.17	71.66	0.57	5.88	13.02	0.82	44.96
PROF (metros)	1.777	4.541	1.908	6.309	6.289	6.304	1.704
MÁXIMO	29.5	29.5	1.11	6.32	50.77	1.25	45.16
PROF (metros)	6.269	6.309	5.706	2.109	0.711	2.735	6.148

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	29.2	71.73	0.83	6.3	44.07	0.92	44.98
1 - 2m	29.19	71.7	0.83	6.29	32.99	0.99	44.97
2 - 3m	29.2	71.72	0.82	6.3	24.52	1.0	44.98
3 - 4m	29.19	71.72	0.82	6.3	21.42	1.02	44.98
4 - 5m	29.22	71.77	0.82	6.28	18.18	1.0	44.99
5 - 6m	29.34	72.05	0.86	6.18	15.11	1.0	45.07
6 - 7m	29.48	72.35	0.9	5.98	13.27	0.94	45.15

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	29.2	71.72	0.76	6.28	46.85	0.98	44.98
0.711	29.2	71.72	0.76	6.27	50.77	0.92	44.98
0.731	29.2	71.73	0.84	6.27	43.7	0.9	44.98
0.767	29.2	71.73	0.92	6.28	45.82	0.94	44.98
0.804	29.2	71.73	0.8	6.29	42.79	0.92	44.98
0.834	29.2	71.73	0.84	6.3	48.36	0.91	44.98
0.852	29.2	71.73	0.88	6.31	45.07	0.93	44.98
0.867	29.2	71.73	0.76	6.31	41.01	0.92	44.98
0.898	29.2	71.73	0.84	6.31	41.55	0.92	44.98
0.94	29.2	71.73	0.8	6.3	41.14	0.9	44.98
0.971	29.2	71.73	0.99	6.3	43.54	0.87	44.98
0.985	29.2	71.73	0.84	6.31	42.63	0.93	44.98
0.998	29.2	71.73	0.76	6.3	39.75	0.94	44.98
1.027	29.2	71.73	0.8	6.29	40.2	0.94	44.98
1.065	29.2	71.73	0.92	6.29	38.86	0.98	44.98
1.103	29.2	71.73	0.76	6.3	40.41	1.01	44.98
1.133	29.2	71.72	0.76	6.3	39.98	0.93	44.98
1.155	29.2	71.72	0.88	6.3	38.43	0.91	44.98
1.17	29.2	71.72	1.07	6.29	36.74	0.94	44.98
1.194	29.2	71.72	0.84	6.29	35.94	0.95	44.98
1.231	29.2	71.72	0.8	6.29	37.47	0.92	44.98
1.269	29.2	71.72	0.88	6.29	37.35	1.03	44.97
1.299	29.2	71.71	0.84	6.3	35.32	1.01	44.97
1.315	29.19	71.7	0.88	6.3	34.8	1.01	44.97
1.329	29.19	71.71	0.8	6.3	33.38	0.98	44.98
1.352	29.19	71.71	0.88	6.3	34.6	1.01	44.97
1.378	29.19	71.7	0.88	6.3	35.28	1.0	44.97
1.396	29.19	71.7	0.8	6.31	35.36	1.01	44.97
1.414	29.19	71.7	0.76	6.31	33.14	1.02	44.97
1.432	29.19	71.69	0.69	6.31	31.7	0.98	44.97
1.455	29.19	71.69	0.8	6.31	33.57	1.02	44.97
1.489	29.18	71.69	0.76	6.31	34.36	0.96	44.97
1.525	29.18	71.69	0.8	6.3	33.22	0.99	44.97
1.551	29.18	71.69	0.88	6.29	31.96	1.0	44.97
1.569	29.18	71.7	0.92	6.28	31.11	0.98	44.98

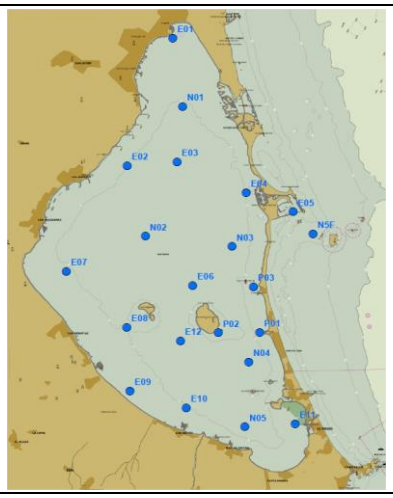
1.588	29.18	71.69	0.84	6.26	31.87	1.01	44.97
1.616	29.18	71.69	0.8	6.26	31.47	0.98	44.97
1.648	29.18	71.69	0.8	6.26	31.1	0.99	44.97
1.678	29.18	71.69	0.84	6.27	31.24	0.95	44.97
1.704	29.18	71.68	0.88	6.28	30.24	0.97	44.96
1.718	29.18	71.68	0.76	6.29	29.39	1.0	44.96
1.727	29.18	71.67	0.84	6.29	29.69	0.99	44.97
1.748	29.18	71.67	0.88	6.3	30.03	1.01	44.97
1.777	29.17	71.67	0.8	6.31	30.21	1.0	44.97
1.801	29.17	71.67	0.92	6.3	29.63	0.99	44.97
1.824	29.17	71.67	0.76	6.3	28.89	1.01	44.97
1.849	29.18	71.68	0.88	6.3	29.04	0.99	44.97
1.881	29.18	71.68	0.92	6.3	28.83	0.98	44.97
1.908	29.18	71.69	0.57	6.3	28.23	0.95	44.97
1.934	29.18	71.69	0.8	6.3	28.06	0.95	44.98
1.961	29.18	71.7	0.76	6.3	27.93	1.07	44.98
1.988	29.19	71.71	0.76	6.3	27.38	1.03	44.98
2.011	29.19	71.71	0.88	6.3	27.08	0.92	44.98
2.033	29.19	71.71	0.8	6.3	26.82	0.99	44.98
2.059	29.19	71.71	0.72	6.3	26.76	1.17	44.98
2.085	29.19	71.71	0.84	6.31	26.81	0.98	44.98
2.109	29.19	71.71	0.69	6.32	26.64	1.04	44.98
2.122	29.19	71.72	0.88	6.31	26.17	0.95	44.98
2.132	29.2	71.72	0.88	6.31	26.02	0.96	44.98
2.154	29.2	71.72	0.8	6.31	26.34	0.95	44.98
2.189	29.2	71.73	0.69	6.3	26.43	1.0	44.98
2.222	29.2	71.73	0.8	6.29	26.29	0.98	44.98
2.242	29.2	71.73	0.8	6.29	25.77	0.93	44.98
2.256	29.2	71.74	0.92	6.29	25.27	0.94	44.98
2.283	29.2	71.73	0.84	6.3	25.57	1.01	44.98
2.324	29.2	71.75	0.92	6.3	25.8	0.99	44.99
2.358	29.21	71.73	0.88	6.31	25.31	1.06	44.98
2.37	29.21	71.74	0.92	6.3	24.78	0.99	44.98
2.374	29.21	71.74	0.76	6.3	24.53	0.97	44.99
2.396	29.21	71.74	0.8	6.3	24.98	0.97	44.99
2.437	29.21	71.74	0.8	6.3	24.99	1.02	44.98
2.475	29.21	71.73	0.72	6.3	24.2	1.0	44.98
2.489	29.21	71.74	0.84	6.3	24.01	0.98	44.98
2.491	29.21	71.73	0.88	6.31	24.27	0.95	44.98
2.504	29.2	71.74	0.76	6.31	24.22	0.95	44.98
2.536	29.2	71.73	0.92	6.3	24.05	1.0	44.98
2.574	29.2	71.73	0.76	6.29	24.05	1.01	44.98
2.599	29.2	71.73	0.95	6.27	23.92	0.98	44.98
2.609	29.2	71.72	0.88	6.27	23.76	1.06	44.98
2.625	29.2	71.72	0.84	6.27	23.56	1.0	44.98
2.654	29.2	71.72	0.84	6.28	23.34	1.0	44.98
2.687	29.2	71.72	0.8	6.29	23.66	0.98	44.97
2.709	29.2	71.71	0.92	6.29	23.8	1.08	44.97
2.721	29.19	71.71	0.84	6.29	23.29	1.02	44.97
2.735	29.19	71.71	0.69	6.3	23.18	1.25	44.97
2.756	29.19	71.71	0.84	6.31	23.51	1.13	44.97
2.778	29.19	71.71	0.76	6.31	23.31	1.02	44.97
2.801	29.19	71.7	0.76	6.31	23.34	1.0	44.97
2.82	29.19	71.7	0.92	6.31	23.54	0.98	44.97
2.836	29.19	71.69	0.84	6.3	23.67	0.97	44.97
2.854	29.19	71.69	0.88	6.3	23.12	0.97	44.97
2.875	29.18	71.69	0.8	6.3	23.01	0.99	44.97
2.896	29.18	71.68	0.65	6.29	23.36	1.01	44.97

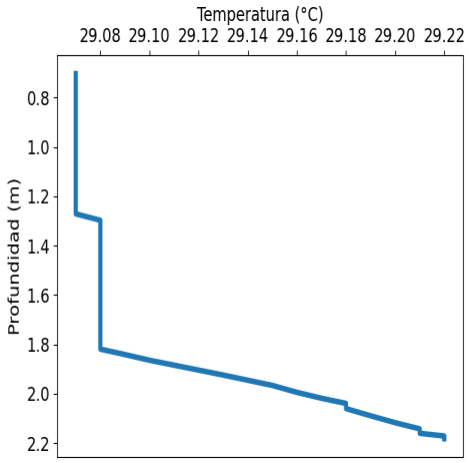
2.916	29.18	71.68	0.76	6.29	23.33	0.94	44.97
2.935	29.18	71.68	0.92	6.29	22.83	0.95	44.97
2.955	29.18	71.68	0.61	6.29	22.55	0.98	44.97
2.977	29.18	71.68	0.76	6.3	22.4	0.98	44.97
3.002	29.18	71.68	0.84	6.31	22.75	1.01	44.97
3.023	29.18	71.68	0.84	6.32	22.99	0.95	44.97
3.033	29.18	71.68	0.8	6.32	22.36	0.94	44.97
3.045	29.18	71.68	0.8	6.32	22.31	1.01	44.97
3.074	29.18	71.68	0.76	6.31	22.3	1.02	44.97
3.101	29.18	71.68	0.84	6.31	22.78	1.01	44.97
3.116	29.18	71.68	0.92	6.31	22.75	0.96	44.97
3.118	29.18	71.68	0.84	6.31	22.28	1.05	44.97
3.125	29.18	71.68	0.72	6.31	22.15	1.05	44.97
3.146	29.18	71.68	0.8	6.31	22.43	1.0	44.97
3.179	29.18	71.68	0.8	6.31	22.37	1.04	44.97
3.208	29.18	71.68	0.88	6.3	22.2	1.02	44.97
3.219	29.18	71.68	0.84	6.3	22.14	0.98	44.97
3.221	29.18	71.68	0.72	6.3	22.06	0.95	44.97
3.233	29.18	71.68	0.88	6.31	21.94	1.01	44.97
3.262	29.18	71.68	0.8	6.31	21.78	1.01	44.97
3.293	29.18	71.68	0.8	6.3	21.94	1.01	44.97
3.313	29.18	71.68	0.8	6.3	21.77	1.05	44.97
3.325	29.18	71.68	0.84	6.3	21.87	1.02	44.97
3.336	29.18	71.69	0.95	6.29	21.48	1.05	44.97
3.352	29.18	71.69	0.8	6.28	21.63	1.05	44.97
3.373	29.18	71.69	0.88	6.28	21.65	1.09	44.97
3.398	29.18	71.7	0.95	6.28	21.59	1.01	44.98
3.424	29.18	71.71	0.65	6.29	21.57	1.0	44.98
3.448	29.19	71.71	0.84	6.3	21.46	1.0	44.98
3.466	29.19	71.71	0.8	6.32	21.47	1.0	44.98
3.485	29.19	71.72	0.8	6.32	21.3	1.04	44.98
3.513	29.19	71.72	0.84	6.32	21.08	1.08	44.98
3.545	29.2	71.73	0.88	6.31	21.05	1.04	44.99
3.568	29.2	71.73	0.88	6.31	21.16	0.99	44.99
3.586	29.2	71.74	0.92	6.3	21.11	1.03	44.99
3.605	29.2	71.75	0.88	6.3	20.99	0.98	44.99
3.635	29.21	71.75	0.8	6.3	20.83	0.95	44.99
3.664	29.21	71.75	0.84	6.3	20.75	0.98	44.99
3.684	29.21	71.76	0.95	6.31	20.78	0.97	44.99
3.702	29.21	71.76	0.72	6.31	20.78	0.95	44.99
3.722	29.21	71.76	0.61	6.31	20.72	1.01	44.99
3.744	29.22	71.76	0.88	6.32	20.64	1.03	44.99
3.768	29.22	71.76	0.92	6.32	20.58	1.01	44.99
3.793	29.22	71.76	0.76	6.31	20.45	1.08	44.99
3.816	29.22	71.76	0.84	6.3	20.59	1.08	44.99
3.834	29.22	71.76	0.88	6.29	20.61	1.01	44.99
3.856	29.22	71.76	0.8	6.29	20.33	1.08	44.99
3.882	29.22	71.76	0.84	6.29	20.14	1.0	44.99
3.907	29.22	71.76	0.76	6.29	19.92	1.0	44.99
3.932	29.22	71.76	0.76	6.29	20.0	1.01	44.99
3.956	29.22	71.76	0.76	6.31	20.03	1.01	44.99
3.981	29.22	71.76	0.76	6.31	20.09	1.11	44.99
4.007	29.22	71.77	0.69	6.31	19.83	1.04	44.99
4.035	29.22	71.77	0.84	6.3	19.61	0.98	44.99
4.055	29.22	71.77	0.8	6.29	19.62	1.01	45.0
4.071	29.22	71.77	0.76	6.29	19.74	0.98	44.99
4.093	29.22	71.78	0.8	6.28	19.72	1.01	44.99
4.119	29.22	71.78	0.84	6.27	19.43	1.0	44.99

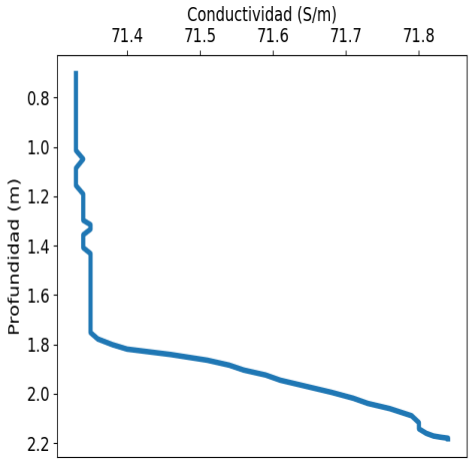
4.147	29.22	71.77	0.84	6.26	19.34	0.98	44.99
4.172	29.22	71.77	0.8	6.26	19.24	1.05	44.99
4.195	29.22	71.76	0.72	6.27	19.24	0.97	44.99
4.219	29.22	71.76	0.84	6.27	19.14	0.97	44.98
4.245	29.22	71.75	0.8	6.27	19.05	1.01	44.98
4.272	29.21	71.74	0.84	6.28	19.02	1.0	44.98
4.302	29.21	71.74	0.8	6.28	18.85	1.03	44.98
4.331	29.21	71.74	0.84	6.29	18.71	0.96	44.98
4.353	29.2	71.73	0.92	6.28	18.64	0.98	44.97
4.37	29.2	71.71	0.8	6.27	18.64	1.01	44.97
4.392	29.2	71.7	0.84	6.27	18.53	0.99	44.97
4.419	29.19	71.7	0.76	6.28	18.44	0.99	44.97
4.448	29.19	71.69	0.72	6.29	18.36	0.97	44.97
4.478	29.18	71.69	0.88	6.29	18.34	0.98	44.97
4.503	29.18	71.68	0.76	6.29	18.31	0.95	44.96
4.522	29.18	71.67	0.84	6.3	18.21	0.94	44.96
4.541	29.17	71.66	0.76	6.3	18.1	1.03	44.96
4.56	29.17	71.66	0.72	6.3	18.05	0.98	44.96
4.576	29.17	71.67	0.8	6.31	18.03	0.98	44.97
4.595	29.17	71.68	0.69	6.31	17.91	1.03	44.98
4.617	29.17	71.73	0.8	6.3	17.84	1.05	45.01
4.642	29.18	71.74	0.92	6.29	17.69	0.98	45.01
4.665	29.19	71.75	0.88	6.29	17.62	0.99	45.0
4.683	29.2	71.77	0.84	6.3	17.61	1.01	45.01
4.695	29.21	71.79	0.88	6.29	17.58	1.1	45.02
4.717	29.22	71.8	0.8	6.29	17.47	1.1	45.01
4.744	29.23	71.81	0.88	6.28	17.31	1.1	45.01
4.765	29.23	71.82	0.84	6.28	17.28	1.01	45.02
4.783	29.24	71.83	0.88	6.28	17.26	1.0	45.02
4.797	29.24	71.85	0.84	6.27	17.21	0.97	45.03
4.815	29.25	71.87	0.92	6.27	17.15	1.0	45.03
4.84	29.26	71.87	0.99	6.27	17.01	0.97	45.03
4.864	29.26	71.87	0.88	6.27	16.99	0.98	45.02
4.882	29.26	71.88	0.8	6.25	16.92	0.95	45.03
4.899	29.27	71.88	0.8	6.24	16.87	1.0	45.03
4.926	29.27	71.88	0.88	6.24	16.74	1.06	45.02
4.956	29.27	71.89	0.92	6.25	16.59	0.97	45.03
4.982	29.27	71.88	0.8	6.24	16.59	0.98	45.02
5.001	29.27	71.89	0.84	6.24	16.55	0.98	45.03
5.016	29.28	71.9	0.8	6.24	16.5	0.98	45.03
5.035	29.28	71.89	0.8	6.26	16.39	1.01	45.02
5.059	29.28	71.89	0.84	6.27	16.33	0.96	45.02
5.084	29.28	71.9	0.76	6.27	16.26	0.97	45.03
5.108	29.28	71.91	0.8	6.28	16.19	1.05	45.03
5.127	29.28	71.91	0.76	6.28	16.19	1.05	45.03
5.143	29.28	71.91	0.8	6.27	16.21	1.05	45.03
5.163	29.29	71.92	0.92	6.27	16.06	1.03	45.03
5.184	29.29	71.92	0.65	6.26	16.0	1.04	45.03
5.21	29.29	71.92	0.76	6.26	15.92	1.02	45.03
5.237	29.29	71.93	0.84	6.24	15.8	0.98	45.04
5.262	29.29	71.93	0.88	6.24	15.71	1.02	45.04
5.286	29.29	71.93	0.84	6.23	15.64	1.03	45.04
5.308	29.3	71.95	0.84	6.22	15.58	1.01	45.05
5.329	29.3	71.95	0.88	6.22	15.52	1.04	45.05
5.346	29.3	71.96	0.95	6.22	15.45	1.01	45.05
5.362	29.31	71.97	0.8	6.21	15.4	1.07	45.05
5.383	29.31	71.98	0.72	6.23	15.39	1.01	45.05
5.398	29.31	72.0	0.88	6.23	15.39	1.01	45.06

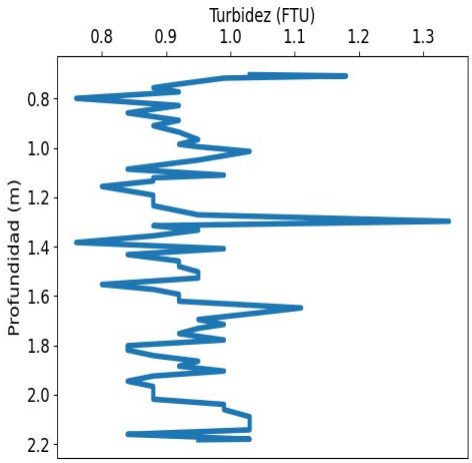
5.403	29.32	72.01	0.88	6.24	15.35	1.0	45.07
5.406	29.33	72.01	0.88	6.23	15.35	1.01	45.06
5.409	29.33	72.02	0.92	6.22	15.35	1.02	45.06
5.416	29.33	72.04	0.8	6.21	15.3	0.98	45.08
5.431	29.34	72.03	0.92	6.19	15.27	0.99	45.07
5.446	29.34	72.06	0.76	6.18	15.2	1.0	45.08
5.47	29.35	72.07	0.8	6.16	15.09	0.97	45.08
5.5	29.35	72.08	0.99	6.16	15.01	0.98	45.09
5.532	29.36	72.08	0.88	6.16	14.95	0.95	45.09
5.55	29.36	72.1	0.8	6.15	14.91	1.02	45.09
5.561	29.37	72.11	0.88	6.14	14.89	0.97	45.1
5.575	29.37	72.11	0.92	6.13	14.8	1.0	45.09
5.599	29.38	72.11	0.8	6.12	14.77	1.01	45.08
5.629	29.38	72.12	0.95	6.12	14.69	1.04	45.09
5.656	29.38	72.13	0.8	6.12	14.65	0.99	45.1
5.675	29.38	72.14	0.76	6.11	14.62	0.93	45.1
5.69	29.39	72.15	0.99	6.11	14.56	1.06	45.1
5.706	29.39	72.15	1.11	6.11	14.52	0.98	45.1
5.728	29.39	72.15	1.03	6.12	14.43	0.95	45.1
5.758	29.4	72.16	0.84	6.13	14.38	0.99	45.1
5.787	29.4	72.16	0.8	6.13	14.27	0.98	45.1
5.811	29.4	72.16	0.95	6.13	14.19	0.95	45.1
5.827	29.4	72.16	0.72	6.13	14.19	0.96	45.1
5.839	29.4	72.16	0.84	6.13	14.15	0.92	45.1
5.854	29.4	72.16	0.8	6.13	14.1	0.95	45.1
5.879	29.4	72.18	0.84	6.13	14.01	1.01	45.11
5.909	29.41	72.21	0.88	6.12	13.91	1.01	45.13
5.931	29.42	72.23	0.84	6.11	13.89	1.01	45.14
5.941	29.43	72.26	0.99	6.1	13.88	0.96	45.14
5.955	29.44	72.26	0.99	6.1	13.86	0.97	45.14
5.977	29.45	72.27	0.92	6.1	13.75	0.99	45.13
6.004	29.45	72.29	0.95	6.1	13.7	0.98	45.15
6.025	29.46	72.3	1.11	6.09	13.68	0.93	45.15
6.036	29.46	72.31	0.72	6.08	13.67	0.98	45.15
6.052	29.47	72.32	0.8	6.07	13.56	0.99	45.15
6.08	29.47	72.33	0.92	6.05	13.49	0.97	45.15
6.115	29.48	72.33	0.72	6.03	13.44	0.97	45.15
6.142	29.48	72.34	0.8	6.01	13.38	0.98	45.15
6.148	29.48	72.35	0.95	5.99	13.34	0.97	45.16
6.156	29.49	72.36	1.03	5.98	13.3	0.93	45.16
6.176	29.49	72.35	0.92	5.98	13.22	0.93	45.15
6.206	29.49	72.36	0.95	5.98	13.14	0.92	45.15
6.233	29.49	72.36	1.07	5.97	13.1	0.96	45.15
6.248	29.49	72.36	0.84	5.96	13.1	0.95	45.16
6.256	29.49	72.37	0.88	5.95	13.07	0.93	45.16
6.269	29.5	72.37	0.72	5.93	13.03	0.97	45.16
6.289	29.5	72.37	0.92	5.93	13.02	0.92	45.16
6.3	29.5	72.37	1.03	5.91	13.02	0.85	45.16
6.304	29.5	72.37	0.95	5.89	13.05	0.82	45.16
6.309	29.5	72.38	0.76	5.88	13.08	0.85	45.16
6.312	29.5	72.37	0.88	5.88	13.02	0.91	45.16

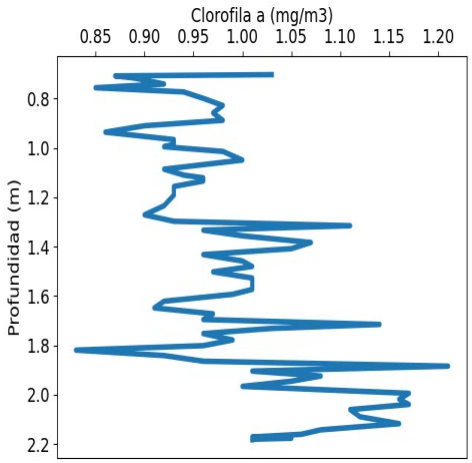
Nombre: CTD E01 - Punto 005 **Fecha: 27/08/2024** **Hora: 08:08:46**

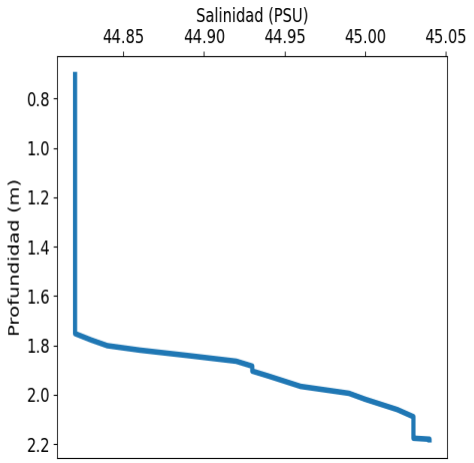


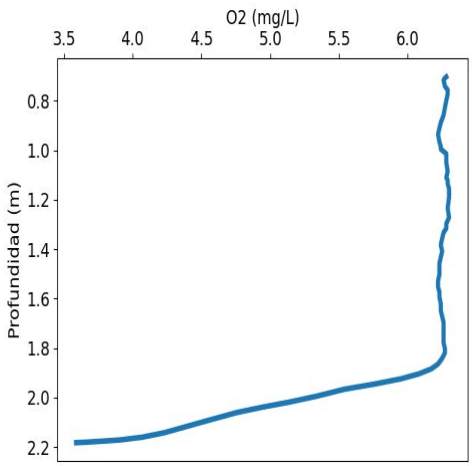


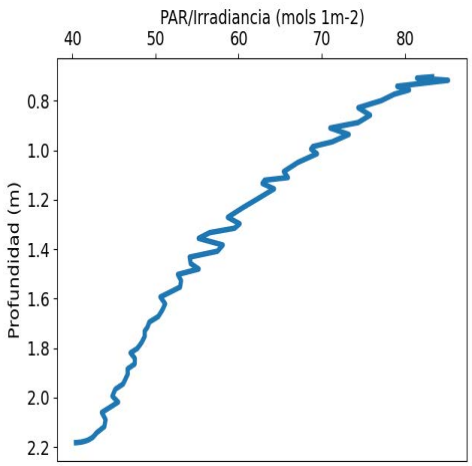


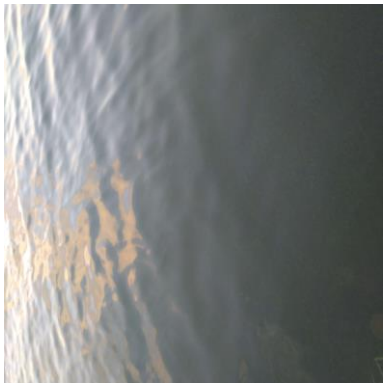












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.07	71.33	0.76	3.59	40.43	0.83	44.82
PROF (metros)	0.703	0.703	0.799	2.182	2.182	1.819	0.703
MÁXIMO	29.22	29.22	1.34	6.3	85.21	1.21	45.04
PROF (metros)	2.171	2.18	1.297	1.156	0.717	1.884	2.18

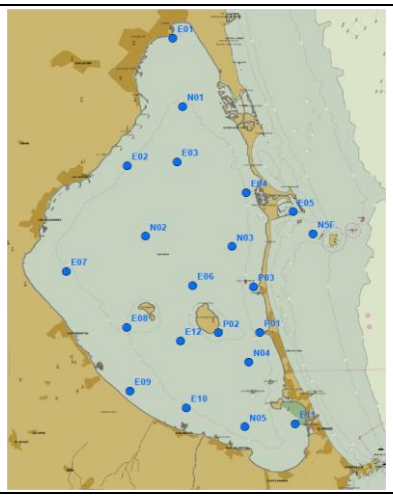
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.07	71.33	0.93	6.26	76.22	0.93	44.82
1 - 2m	29.09	71.39	0.92	6.19	54.13	0.99	44.85
2 - 3m	29.2	71.79	0.97	4.28	42.88	1.09	45.03

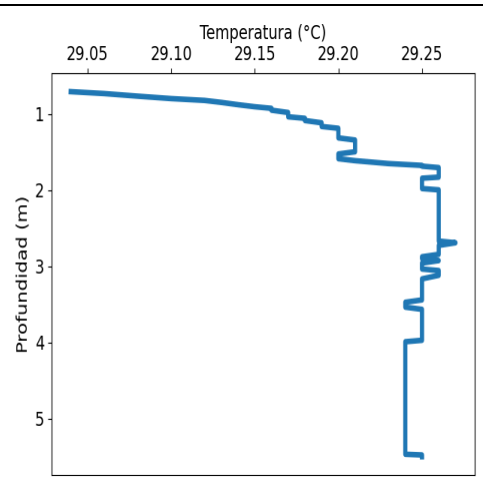
OBSERVACIONES GENERALES

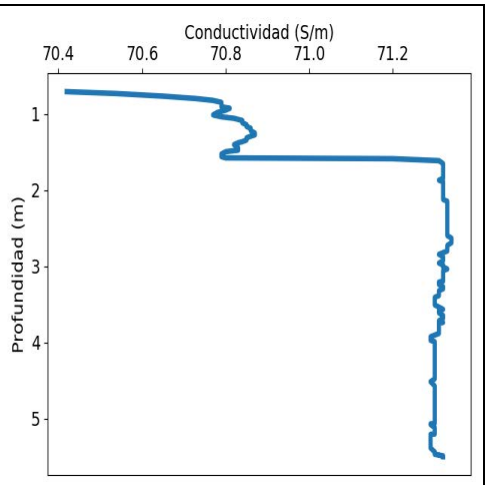
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	29.07	71.33	1.03	6.28	83.3	1.03	44.82
0.708	29.07	71.33	1.18	6.27	81.46	0.87	44.82
0.717	29.07	71.33	0.99	6.26	85.21	0.89	44.82
0.741	29.07	71.33	0.92	6.27	79.08	0.92	44.82
0.756	29.07	71.33	0.88	6.29	80.52	0.85	44.82
0.773	29.07	71.33	0.92	6.29	78.75	0.94	44.82
0.799	29.07	71.33	0.76	6.28	77.18	0.96	44.82
0.828	29.07	71.33	0.92	6.27	74.4	0.98	44.82
0.858	29.07	71.33	0.84	6.26	75.83	0.97	44.82
0.888	29.07	71.33	0.92	6.24	74.37	0.98	44.82
0.91	29.07	71.33	0.88	6.23	71.03	0.9	44.82
0.936	29.07	71.33	0.92	6.22	73.26	0.86	44.82
0.966	29.07	71.33	0.95	6.23	71.25	0.93	44.82
0.985	29.07	71.33	0.92	6.24	68.94	0.93	44.82
0.995	29.07	71.33	0.95	6.24	68.72	0.92	44.82
1.014	29.07	71.33	1.03	6.28	69.44	0.98	44.82
1.049	29.07	71.34	0.95	6.28	67.14	1.0	44.82
1.086	29.07	71.33	0.84	6.29	65.44	0.92	44.82
1.11	29.07	71.33	0.99	6.28	65.94	0.94	44.82
1.121	29.07	71.33	0.88	6.29	63.14	0.96	44.82
1.134	29.07	71.33	0.88	6.29	62.87	0.96	44.82
1.156	29.07	71.33	0.8	6.3	64.27	0.93	44.82
1.191	29.07	71.34	0.88	6.3	62.55	0.93	44.82
1.234	29.07	71.34	0.88	6.29	60.41	0.92	44.82
1.271	29.07	71.34	0.95	6.3	58.7	0.9	44.82
1.297	29.08	71.34	1.34	6.28	60.13	0.93	44.82
1.315	29.08	71.35	0.88	6.28	59.52	1.11	44.82
1.333	29.08	71.35	0.95	6.26	56.52	0.96	44.82
1.356	29.08	71.34	0.88	6.25	55.2	1.0	44.82
1.383	29.08	71.34	0.76	6.24	58.1	1.07	44.82
1.408	29.08	71.34	0.99	6.25	57.46	1.05	44.82
1.432	29.08	71.35	0.84	6.24	54.11	0.96	44.82
1.458	29.08	71.35	0.92	6.23	54.24	1.0	44.82
1.48	29.08	71.35	0.92	6.23	55.2	1.01	44.82
1.502	29.08	71.35	0.95	6.23	52.7	0.97	44.82
1.527	29.08	71.35	0.95	6.22	53.08	1.01	44.82
1.553	29.08	71.35	0.8	6.22	52.96	1.01	44.82
1.573	29.08	71.35	0.88	6.23	51.79	1.01	44.82
1.593	29.08	71.35	0.92	6.23	50.59	0.99	44.82

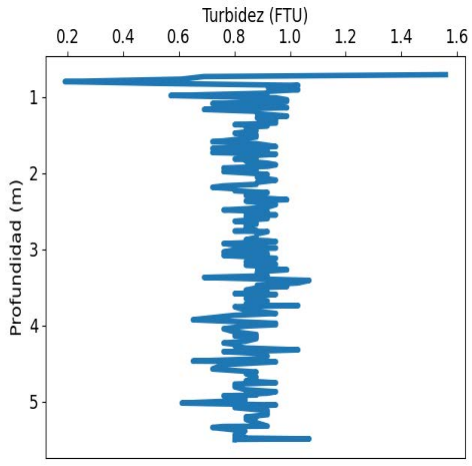
1.621	29.08	71.35	0.92	6.24	51.17	0.92	44.82
1.648	29.08	71.35	1.11	6.24	50.79	0.91	44.82
1.672	29.08	71.35	1.03	6.25	50.34	0.97	44.82
1.695	29.08	71.35	0.95	6.26	49.25	0.96	44.82
1.715	29.08	71.35	0.99	6.26	49.04	1.14	44.82
1.731	29.08	71.35	0.95	6.26	48.7	1.03	44.82
1.752	29.08	71.35	0.92	6.26	48.71	0.96	44.82
1.778	29.08	71.36	0.99	6.26	48.32	0.99	44.83
1.801	29.08	71.38	0.84	6.27	47.82	0.96	44.84
1.819	29.08	71.4	0.84	6.27	46.99	0.83	44.86
1.841	29.09	71.46	0.88	6.25	47.52	0.92	44.89
1.864	29.1	71.51	0.95	6.22	47.5	0.96	44.92
1.884	29.11	71.54	0.92	6.17	46.64	1.21	44.93
1.904	29.12	71.56	0.99	6.08	46.67	1.01	44.93
1.924	29.13	71.59	0.88	5.95	46.4	1.08	44.94
1.945	29.14	71.61	0.84	5.76	46.1	1.05	44.95
1.966	29.15	71.64	0.88	5.54	45.17	1.0	44.96
1.994	29.16	71.68	0.88	5.34	44.81	1.17	44.99
2.018	29.17	71.71	0.88	5.14	45.51	1.16	45.0
2.039	29.18	71.73	0.99	4.94	44.53	1.17	45.01
2.06	29.18	71.76	0.99	4.76	43.54	1.11	45.02
2.089	29.19	71.79	1.03	4.57	44.0	1.12	45.03
2.117	29.2	71.8	1.03	4.39	43.85	1.16	45.03
2.142	29.21	71.8	1.03	4.23	42.93	1.08	45.03
2.16	29.21	71.81	0.84	4.07	42.47	1.06	45.03
2.171	29.22	71.82	0.95	3.91	41.94	1.01	45.03
2.176	29.22	71.83	0.99	3.78	41.51	1.05	45.03
2.18	29.22	71.84	1.03	3.67	41.02	1.01	45.04
2.182	29.22	71.84	0.95	3.59	40.43	1.01	45.04

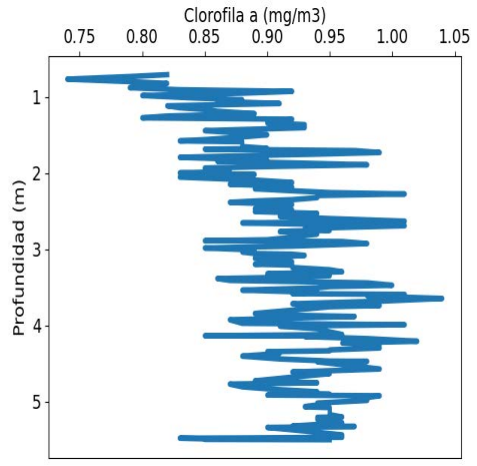
Nombre: CTD N01 - Punto 006 **Fecha: 27/08/2024** **Hora: 08:08:50**

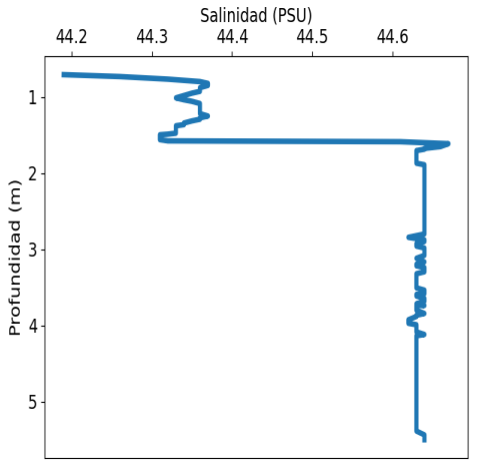


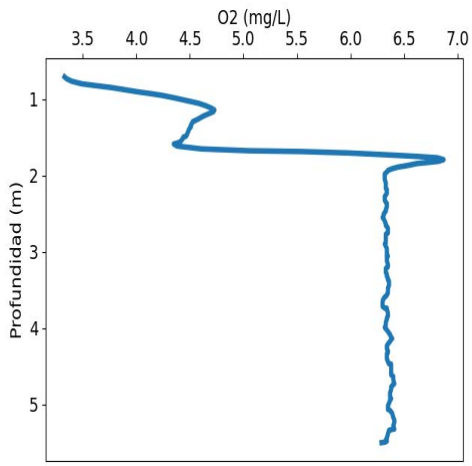


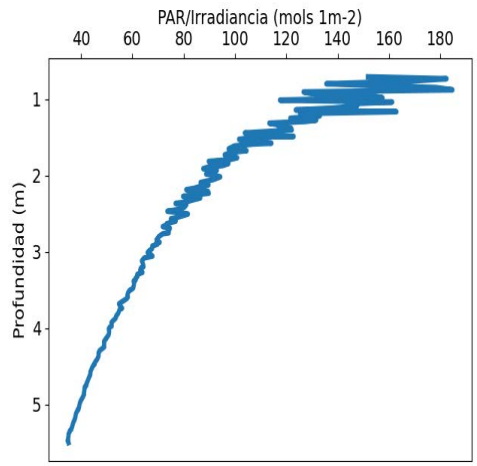


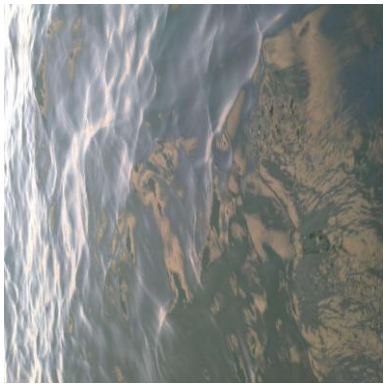












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.04	70.42	0.19	3.33	34.87	0.74	44.19
PROF (metros)	0.707	0.707	0.798	0.707	5.478	0.766	0.707
MÁXIMO	29.27	29.27	1.56	6.87	184.66	1.04	44.67
PROF (metros)	2.668	2.63	0.707	1.792	0.878	3.644	1.613

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	29.12	70.72	0.82	3.78	156.36	0.82	44.33
1 - 2m	29.22	71.05	0.87	5.24	111.77	0.88	44.48
2 - 3m	29.26	71.33	0.87	6.33	78.12	0.92	44.64
3 - 4m	29.25	71.31	0.88	6.34	59.54	0.93	44.64
4 - 5m	29.24	71.3	0.84	6.37	45.37	0.94	44.63
5 - 6m	29.24	71.3	0.84	6.36	36.77	0.93	44.63

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.78 respectivamente.

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.707	29.04	70.42	1.56	3.33	151.75	0.82	44.19
0.732	29.06	70.54	0.69	3.35	182.37	0.79	44.26
0.766	29.08	70.65	0.61	3.4	167.5	0.74	44.32
0.798	29.1	70.73	0.19	3.49	135.52	0.79	44.36
0.822	29.12	70.77	0.53	3.62	154.3	0.82	44.37
0.848	29.13	70.79	1.03	3.77	178.35	0.81	44.37
0.878	29.14	70.79	0.92	3.9	184.66	0.79	44.36
0.905	29.15	70.79	1.03	4.02	126.68	0.83	44.36
0.926	29.16	70.81	0.92	4.13	129.5	0.92	44.36
0.95	29.16	70.8	0.92	4.24	151.92	0.88	44.35
0.981	29.17	70.78	0.57	4.35	157.44	0.8	44.34
1.012	29.17	70.77	0.95	4.45	117.49	0.84	44.33
1.037	29.17	70.79	0.99	4.53	161.21	0.88	44.34
1.057	29.18	70.82	0.99	4.59	146.46	0.86	44.35
1.086	29.18	70.84	0.72	4.65	147.55	0.91	44.36
1.116	29.19	70.84	0.95	4.7	138.34	0.82	44.36
1.141	29.19	70.85	0.99	4.73	123.63	0.83	44.36
1.164	29.19	70.85	0.69	4.72	162.86	0.85	44.36
1.188	29.2	70.86	0.88	4.68	125.28	0.86	44.36
1.219	29.2	70.86	0.88	4.63	133.03	0.89	44.36
1.25	29.2	70.87	0.99	4.59	121.48	0.82	44.37
1.274	29.2	70.87	0.88	4.56	131.65	0.8	44.36
1.292	29.2	70.86	0.95	4.53	127.3	0.92	44.36
1.314	29.2	70.85	0.95	4.52	113.34	0.91	44.35
1.342	29.21	70.85	0.95	4.51	117.95	0.9	44.34
1.363	29.21	70.84	0.8	4.51	117.08	0.93	44.34
1.378	29.21	70.83	0.92	4.5	121.84	0.93	44.33
1.403	29.21	70.82	0.84	4.49	122.15	0.93	44.33
1.442	29.21	70.83	0.88	4.48	103.79	0.85	44.33
1.475	29.21	70.83	0.8	4.47	111.34	0.88	44.33
1.488	29.21	70.81	0.84	4.46	122.86	0.89	44.32
1.496	29.21	70.8	0.88	4.44	108.61	0.9	44.31
1.525	29.2	70.79	0.88	4.43	101.55	0.88	44.31
1.56	29.2	70.79	0.8	4.41	111.26	0.85	44.31

1.576	29.2	70.8	0.76	4.38	114.21	0.83	44.32
1.587	29.2	71.2	0.72	4.35	107.14	0.88	44.61
1.613	29.21	71.31	0.88	4.38	99.73	0.88	44.67
1.651	29.23	71.32	0.95	4.61	97.51	0.88	44.66
1.675	29.25	71.32	0.72	5.05	104.54	0.9	44.64
1.685	29.25	71.32	0.76	5.53	101.34	0.85	44.64
1.704	29.26	71.32	0.92	5.98	98.04	0.97	44.63
1.729	29.26	71.32	0.72	6.35	95.97	0.99	44.63
1.75	29.26	71.32	0.95	6.63	97.49	0.94	44.63
1.767	29.26	71.32	0.88	6.81	100.89	0.89	44.63
1.792	29.26	71.32	0.88	6.87	97.76	0.83	44.63
1.814	29.26	71.32	0.8	6.82	89.75	0.87	44.63
1.829	29.26	71.32	0.88	6.72	90.38	0.9	44.63
1.843	29.25	71.32	0.84	6.62	97.45	0.86	44.63
1.869	29.25	71.31	0.92	6.53	95.19	0.93	44.63
1.89	29.25	71.32	0.95	6.44	89.56	0.98	44.64
1.91	29.25	71.32	0.92	6.39	87.61	0.91	44.64
1.932	29.25	71.32	0.76	6.35	92.97	0.85	44.64
1.954	29.25	71.32	0.88	6.34	91.51	0.85	44.64
1.979	29.25	71.32	0.76	6.32	88.72	0.87	44.64
1.996	29.26	71.32	0.84	6.32	91.94	0.83	44.64
2.017	29.26	71.32	0.92	6.32	94.27	0.89	44.64
2.052	29.26	71.32	0.88	6.32	91.6	0.83	44.64
2.091	29.26	71.32	0.95	6.33	86.58	0.89	44.64
2.122	29.26	71.32	0.88	6.33	89.73	0.92	44.64
2.146	29.26	71.33	0.88	6.33	86.06	0.87	44.64
2.167	29.26	71.33	0.76	6.33	84.11	0.91	44.64
2.185	29.26	71.33	0.72	6.34	81.03	0.92	44.64
2.205	29.26	71.33	0.8	6.34	89.46	0.89	44.64
2.231	29.26	71.33	0.8	6.34	89.81	0.92	44.64
2.255	29.26	71.33	0.92	6.33	83.41	0.95	44.64
2.273	29.26	71.33	0.88	6.32	79.78	1.01	44.64
2.293	29.26	71.33	0.84	6.32	86.54	0.94	44.64
2.321	29.26	71.33	0.88	6.32	83.31	0.94	44.64
2.348	29.26	71.33	0.99	6.33	80.78	0.92	44.64
2.365	29.26	71.33	0.84	6.34	76.84	0.89	44.64
2.383	29.26	71.33	0.88	6.34	81.07	0.87	44.64
2.412	29.26	71.33	0.95	6.34	80.32	0.92	44.64
2.444	29.26	71.33	0.92	6.33	78.01	0.91	44.64
2.468	29.26	71.33	0.84	6.33	73.68	0.89	44.64
2.483	29.26	71.33	0.76	6.32	78.39	0.92	44.64
2.504	29.26	71.33	0.92	6.31	81.71	0.89	44.64
2.528	29.26	71.33	0.84	6.31	79.39	0.94	44.64
2.548	29.26	71.33	0.95	6.3	77.47	0.93	44.64
2.567	29.26	71.33	0.84	6.31	75.04	0.91	44.64
2.596	29.26	71.33	0.92	6.32	76.96	0.95	44.64
2.63	29.26	71.34	0.8	6.33	73.44	1.01	44.64
2.653	29.26	71.34	0.88	6.33	73.05	0.88	44.64
2.668	29.26	71.34	0.88	6.34	71.86	0.93	44.64
2.69	29.27	71.34	0.84	6.35	74.7	1.01	44.64
2.725	29.26	71.33	0.84	6.35	74.04	0.93	44.64
2.751	29.26	71.33	0.88	6.35	74.22	0.95	44.64
2.759	29.26	71.33	0.8	6.34	72.26	0.92	44.64
2.767	29.26	71.33	0.92	6.33	71.71	0.91	44.64
2.798	29.26	71.33	0.88	6.33	70.41	0.94	44.64
2.842	29.26	71.31	0.88	6.33	69.44	0.92	44.62
2.874	29.25	71.32	0.84	6.33	70.69	0.9	44.64
2.887	29.25	71.32	0.92	6.33	69.42	0.85	44.64

2.897	29.25	71.32	0.95	6.32	69.86	0.96	44.64
2.924	29.26	71.32	0.76	6.33	67.78	0.98	44.63
2.957	29.25	71.31	0.84	6.34	67.75	0.92	44.63
2.982	29.25	71.32	0.95	6.34	66.72	0.85	44.64
3.007	29.25	71.32	0.8	6.34	65.99	0.89	44.64
3.035	29.25	71.33	0.76	6.34	67.19	0.88	44.64
3.055	29.26	71.32	0.92	6.35	67.9	0.89	44.64
3.064	29.26	71.32	0.92	6.34	66.72	0.92	44.64
3.079	29.26	71.32	0.76	6.34	64.67	0.93	44.64
3.117	29.26	71.32	0.95	6.34	63.75	0.89	44.63
3.164	29.25	71.32	0.84	6.35	64.25	0.92	44.64
3.195	29.25	71.32	0.95	6.35	64.4	0.89	44.63
3.206	29.25	71.31	0.84	6.34	63.51	0.92	44.63
3.216	29.25	71.31	0.88	6.33	63.32	0.92	44.63
3.238	29.25	71.31	0.88	6.33	63.1	0.92	44.64
3.268	29.25	71.32	0.99	6.33	64.01	0.95	44.64
3.294	29.25	71.32	0.88	6.34	61.98	0.96	44.64
3.32	29.25	71.31	0.88	6.34	62.07	0.9	44.63
3.346	29.25	71.31	0.92	6.35	61.27	0.95	44.63
3.368	29.25	71.31	0.69	6.35	61.3	0.91	44.63
3.383	29.25	71.31	0.84	6.36	60.49	0.86	44.63
3.407	29.25	71.3	1.07	6.36	60.76	0.87	44.63
3.44	29.25	71.3	1.03	6.36	60.61	0.98	44.63
3.471	29.24	71.3	0.88	6.35	60.42	1.0	44.63
3.488	29.24	71.3	0.99	6.35	59.85	0.95	44.63
3.505	29.24	71.3	0.88	6.35	58.92	0.94	44.63
3.535	29.24	71.31	0.84	6.35	58.41	0.88	44.64
3.564	29.25	71.32	0.92	6.34	58.1	0.94	44.64
3.581	29.25	71.31	0.8	6.33	58.3	0.92	44.64
3.591	29.25	71.31	0.95	6.32	58.33	1.01	44.63
3.612	29.25	71.31	0.88	6.31	57.83	0.98	44.63
3.644	29.25	71.32	0.84	6.3	56.44	1.04	44.64
3.68	29.25	71.32	0.92	6.3	54.84	0.99	44.64
3.714	29.25	71.31	0.84	6.3	55.42	0.92	44.63
3.736	29.25	71.32	0.88	6.32	55.92	0.93	44.64
3.737	29.25	71.31	1.03	6.34	56.1	0.99	44.63
3.753	29.25	71.31	0.8	6.34	55.11	0.95	44.63
3.798	29.25	71.31	0.84	6.35	54.63	0.92	44.63
3.841	29.25	71.31	0.95	6.35	53.74	0.89	44.64
3.865	29.25	71.31	0.8	6.34	53.61	0.92	44.63
3.88	29.25	71.31	0.76	6.34	53.17	0.97	44.63
3.924	29.25	71.29	0.65	6.33	51.91	0.87	44.62
3.97	29.25	71.29	0.95	6.33	52.02	0.88	44.62
3.989	29.24	71.3	0.95	6.32	51.15	1.01	44.63
4.007	29.24	71.3	0.84	6.33	50.85	0.91	44.63
4.042	29.24	71.3	0.76	6.35	51.04	0.94	44.63
4.083	29.24	71.3	0.8	6.37	50.85	0.95	44.63
4.117	29.24	71.3	0.88	6.38	50.17	0.96	44.64
4.134	29.24	71.3	0.88	6.39	49.83	0.85	44.63
4.136	29.24	71.3	0.8	6.39	49.85	0.94	44.63
4.144	29.24	71.3	0.88	6.38	49.64	0.93	44.63
4.171	29.24	71.3	0.88	6.37	49.02	0.98	44.63
4.206	29.24	71.3	0.84	6.35	49.07	1.02	44.63
4.229	29.24	71.3	0.76	6.34	49.06	0.96	44.63
4.245	29.24	71.3	0.8	6.34	49.12	0.99	44.63
4.267	29.24	71.3	0.8	6.34	48.3	0.97	44.63
4.294	29.24	71.3	0.84	6.35	47.26	0.99	44.63
4.319	29.24	71.3	1.03	6.35	46.93	0.95	44.63

4.331	29.24	71.3	0.92	6.34	46.89	0.95	44.63
4.342	29.24	71.3	0.76	6.34	46.93	0.9	44.63
4.365	29.24	71.3	0.88	6.34	46.89	0.91	44.63
4.401	29.24	71.3	0.92	6.34	46.44	0.88	44.63
4.438	29.24	71.3	0.88	6.35	45.66	0.91	44.63
4.466	29.24	71.3	0.65	6.36	45.27	0.95	44.63
4.47	29.24	71.3	0.76	6.38	45.38	0.98	44.63
4.476	29.24	71.3	0.95	6.38	45.01	0.94	44.63
4.513	29.24	71.29	0.76	6.38	44.44	0.96	44.63
4.57	29.24	71.3	0.72	6.38	43.71	0.99	44.63
4.61	29.24	71.3	0.88	6.38	43.67	0.92	44.63
4.631	29.24	71.3	0.84	6.4	43.34	0.95	44.63
4.677	29.24	71.3	0.88	6.4	42.81	0.92	44.63
4.726	29.24	71.3	0.84	6.41	42.21	0.89	44.63
4.751	29.24	71.3	0.95	6.39	42.13	0.94	44.63
4.768	29.24	71.3	0.8	6.38	41.51	0.87	44.63
4.804	29.24	71.3	0.8	6.38	41.41	0.88	44.63
4.842	29.24	71.3	0.84	6.37	41.22	0.91	44.63
4.868	29.24	71.3	0.95	6.37	41.25	0.94	44.63
4.887	29.24	71.3	0.92	6.37	40.93	0.92	44.63
4.902	29.24	71.3	0.84	6.37	40.81	0.95	44.63
4.912	29.24	71.3	0.88	6.37	40.56	0.9	44.63
4.921	29.24	71.3	0.76	6.38	40.44	0.99	44.63
4.944	29.24	71.3	0.84	6.37	40.04	0.98	44.63
4.982	29.24	71.3	0.84	6.36	39.59	0.98	44.63
5.017	29.24	71.3	0.61	6.35	39.39	0.94	44.63
5.042	29.24	71.3	0.95	6.35	39.25	0.94	44.63
5.063	29.24	71.3	0.84	6.35	38.86	0.93	44.63
5.067	29.24	71.29	0.8	6.36	38.99	0.93	44.63
5.076	29.24	71.29	0.8	6.37	38.72	0.95	44.63
5.116	29.24	71.3	0.92	6.39	38.1	0.95	44.63
5.169	29.24	71.3	0.92	6.4	37.81	0.95	44.63
5.2	29.24	71.3	0.84	6.41	37.56	0.96	44.63
5.204	29.24	71.29	0.88	6.41	37.49	0.94	44.63
5.231	29.24	71.29	0.84	6.41	37.09	0.94	44.63
5.275	29.24	71.29	0.88	6.4	36.71	0.96	44.63
5.32	29.24	71.29	0.92	6.41	36.33	0.92	44.63
5.324	29.24	71.29	0.76	6.39	36.3	0.97	44.63
5.337	29.24	71.29	0.72	6.36	35.81	0.9	44.63
5.384	29.24	71.29	0.84	6.35	35.24	0.93	44.63
5.435	29.24	71.3	0.8	6.34	35.12	0.96	44.64
5.466	29.24	71.3	0.84	6.33	34.88	0.96	44.64
5.475	29.25	71.31	0.8	6.34	34.94	0.88	44.64
5.478	29.25	71.31	0.88	6.34	34.87	0.83	44.64
5.487	29.25	71.32	1.07	6.33	35.11	0.85	44.64
5.494	29.25	71.32	0.8	6.31	35.18	0.85	44.64
5.498	29.25	71.32	0.8	6.29	35.2	0.95	44.64

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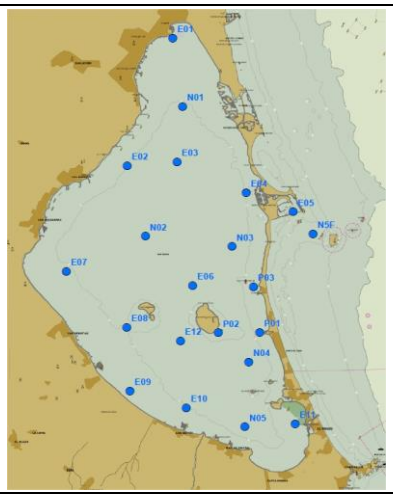
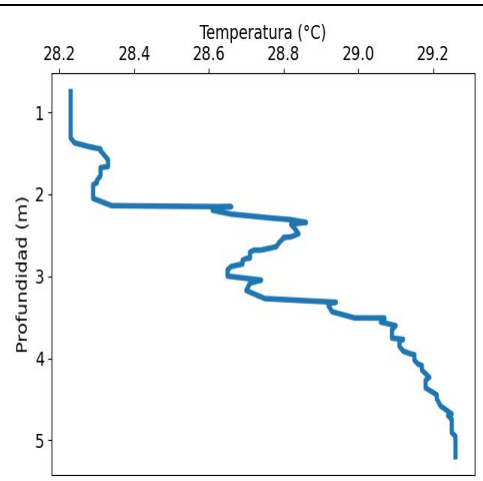
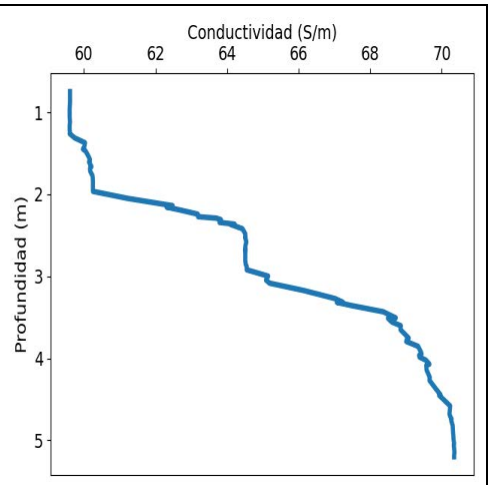
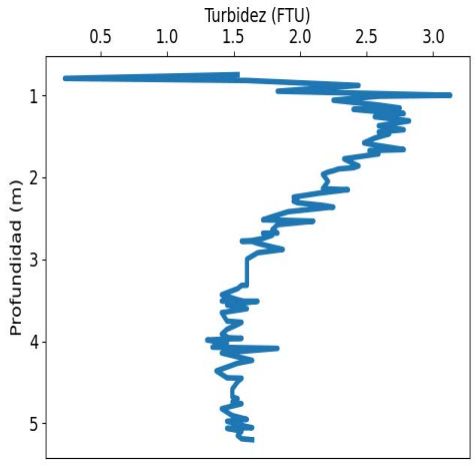
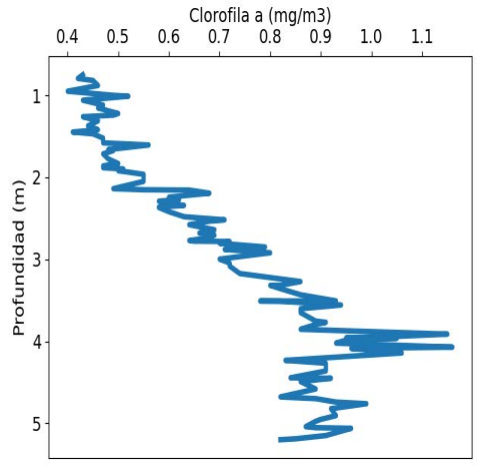
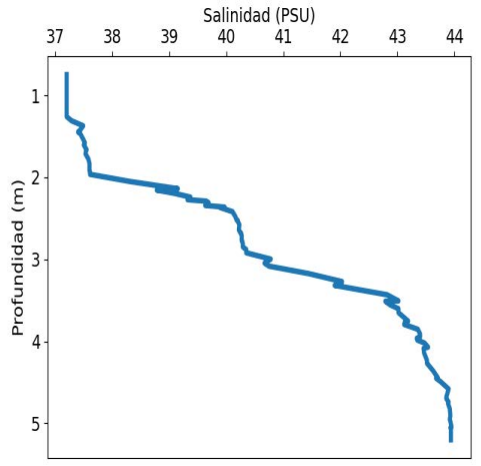


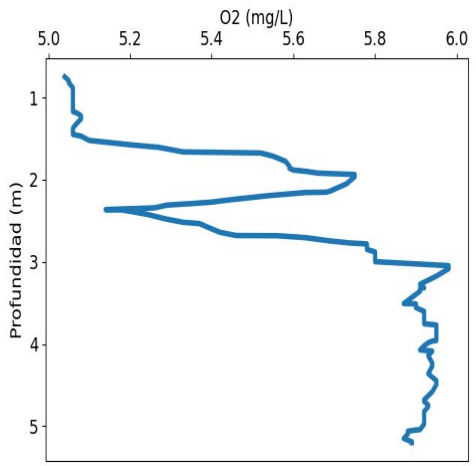


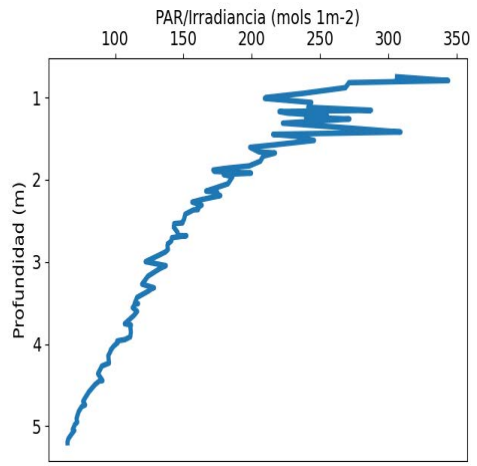


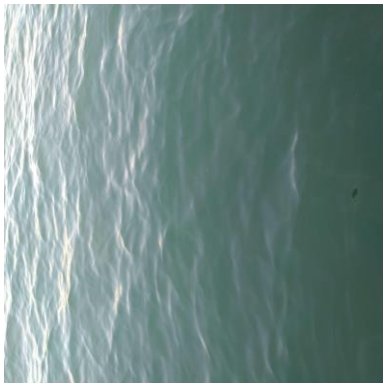












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.23	59.6	0.23	5.04	65.12	0.4	37.2
PROF (metros)	0.748	0.95	0.794	0.748	5.19	0.95	0.748
MÁXIMO	29.26	29.26	3.13	5.98	343.91	1.16	43.95
PROF (metros)	4.953	5.15	1.0	3.047	0.794	4.072	5.042

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	28.23	59.61	1.53	5.05	285.52	0.43	37.2
1 - 2m	28.27	59.96	2.54	5.28	222.11	0.48	37.41
2 - 3m	28.71	63.98	1.91	5.53	151.39	0.65	39.9
3 - 4m	29.01	68.23	1.51	5.93	115.89	0.88	42.66
4 - 5m	29.21	70.0	1.51	5.93	84.31	0.92	43.73
5 - 6m	29.26	70.35	1.57	5.89	67.58	0.89	43.94

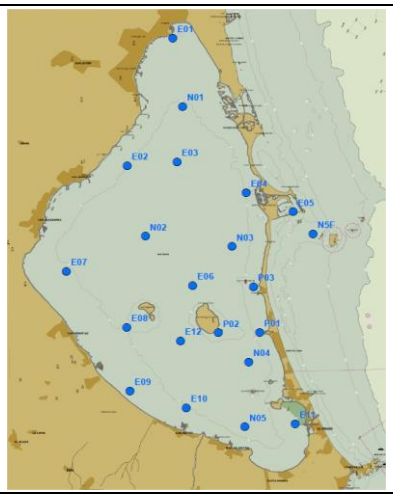
OBSERVACIONES GENERALES

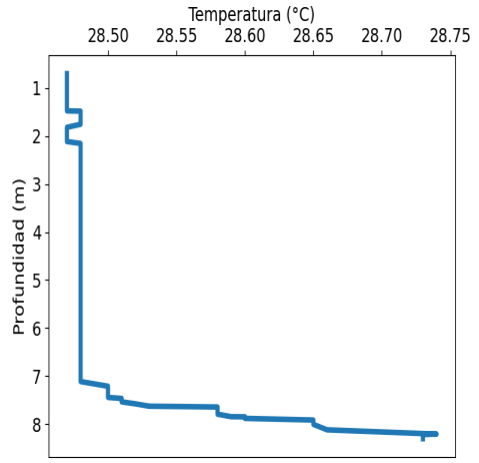
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.748	28.23	59.61	1.53	5.04	306.35	0.43	37.2
0.794	28.23	59.61	0.23	5.05	343.91	0.42	37.2
0.819	28.23	59.61	1.6	5.05	271.25	0.45	37.2
0.88	28.23	59.61	2.44	5.06	268.62	0.46	37.2
0.95	28.23	59.6	1.83	5.06	237.46	0.4	37.2
1.0	28.23	59.6	3.13	5.06	210.21	0.49	37.2
1.011	28.23	59.6	2.59	5.06	209.58	0.52	37.2
1.06	28.23	59.6	2.25	5.06	243.65	0.43	37.2
1.119	28.23	59.61	2.59	5.06	241.35	0.47	37.2
1.155	28.23	59.6	2.75	5.06	287.37	0.46	37.2
1.171	28.23	59.6	2.4	5.06	220.28	0.47	37.2
1.189	28.23	59.6	2.52	5.07	226.02	0.48	37.2
1.222	28.23	59.6	2.78	5.08	255.21	0.5	37.2
1.242	28.23	59.61	2.63	5.08	239.73	0.49	37.2
1.261	28.23	59.6	2.56	5.08	271.57	0.43	37.2
1.312	28.23	59.74	2.82	5.07	222.8	0.46	37.29
1.372	28.24	60.03	2.59	5.06	271.82	0.44	37.49
1.42	28.28	60.01	2.78	5.06	308.99	0.46	37.44
1.448	28.31	59.97	2.59	5.06	215.64	0.41	37.4
1.47	28.31	60.04	2.67	5.08	231.91	0.45	37.44
1.522	28.32	60.11	2.56	5.1	245.64	0.47	37.48
1.58	28.33	60.17	2.48	5.21	214.39	0.47	37.52
1.606	28.33	60.14	2.56	5.27	198.83	0.56	37.5
1.662	28.33	60.21	2.78	5.33	205.39	0.48	37.55
1.675	28.31	60.17	2.52	5.52	217.09	0.49	37.54
1.714	28.31	60.17	2.59	5.55	208.41	0.47	37.53
1.775	28.31	60.24	2.33	5.58	206.3	0.48	37.58
1.832	28.3	60.25	2.4	5.59	198.19	0.5	37.6
1.861	28.3	60.25	2.44	5.59	181.31	0.47	37.6
1.883	28.29	60.25	2.4	5.6	171.86	0.47	37.6
1.898	28.29	60.25	2.29	5.63	172.7	0.51	37.6
1.92	28.29	60.25	2.25	5.66	199.57	0.5	37.6
1.937	28.29	60.25	2.21	5.75	179.39	0.52	37.61
1.964	28.29	60.25	2.17	5.75	185.91	0.55	37.61
2.05	28.29	61.22	2.21	5.73	182.62	0.55	38.3
2.139	28.34	62.48	2.17	5.69	166.6	0.49	39.15

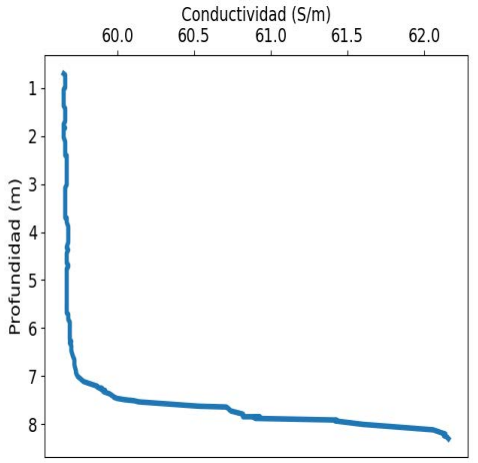
2.152	28.66	62.43	2.36	5.68	174.75	0.55	38.85
2.156	28.63	62.31	2.33	5.63	172.66	0.64	38.78
2.194	28.61	62.71	2.14	5.54	177.04	0.68	39.08
2.242	28.66	63.18	1.95	5.45	163.39	0.6	39.37
2.273	28.73	63.19	1.98	5.4	156.5	0.62	39.32
2.291	28.77	63.7	1.95	5.35	159.98	0.58	39.65
2.31	28.82	63.83	1.98	5.29	163.43	0.59	39.69
2.343	28.86	63.79	2.17	5.26	160.13	0.63	39.63
2.364	28.82	64.21	2.25	5.14	160.76	0.58	39.97
2.368	28.82	64.1	2.21	5.18	157.33	0.58	39.89
2.42	28.83	64.43	1.91	5.24	151.36	0.6	40.11
2.481	28.84	64.51	1.79	5.29	150.49	0.63	40.16
2.519	28.82	64.51	1.72	5.33	149.27	0.71	40.18
2.526	28.8	64.52	1.91	5.35	149.37	0.7	40.2
2.535	28.8	64.51	2.1	5.37	143.27	0.68	40.2
2.578	28.79	64.54	1.83	5.39	142.97	0.64	40.23
2.64	28.78	64.51	1.79	5.42	145.68	0.69	40.22
2.68	28.74	64.52	1.83	5.46	145.85	0.66	40.25
2.682	28.72	64.5	1.72	5.56	152.21	0.68	40.26
2.706	28.71	64.51	1.79	5.63	141.59	0.69	40.27
2.746	28.71	64.51	1.72	5.69	141.13	0.67	40.27
2.771	28.71	64.51	1.64	5.74	139.41	0.64	40.27
2.779	28.71	64.51	1.56	5.77	138.57	0.65	40.28
2.783	28.7	64.51	1.64	5.78	138.57	0.72	40.28
2.805	28.69	64.51	1.68	5.78	138.34	0.7	40.29
2.85	28.69	64.52	1.79	5.78	138.7	0.79	40.29
2.88	28.66	64.55	1.87	5.8	136.75	0.71	40.35
2.921	28.65	64.55	1.68	5.8	131.92	0.8	40.35
2.998	28.65	65.15	1.6	5.8	122.32	0.7	40.78
3.047	28.74	65.09	1.6	5.98	137.13	0.72	40.67
3.084	28.71	65.19	1.6	5.98	132.6	0.72	40.75
3.174	28.7	66.15	1.6	5.95	124.09	0.74	41.44
3.272	28.75	67.02	1.6	5.91	119.74	0.86	42.03
3.317	28.94	67.24	1.6	5.92	128.51	0.82	42.01
3.318	28.93	67.07	1.56	5.91	127.53	0.8	41.9
3.358	28.92	67.49	1.53	5.91	124.18	0.82	42.22
3.433	28.93	68.37	1.41	5.89	116.08	0.86	42.82
3.508	28.99	68.72	1.56	5.87	114.29	0.93	43.02
3.509	29.07	68.69	1.41	5.88	116.84	0.78	42.93
3.512	29.07	68.5	1.68	5.9	114.98	0.82	42.79
3.558	29.06	68.61	1.45	5.9	112.84	0.94	42.88
3.603	29.1	68.86	1.6	5.92	116.16	0.86	43.02
3.651	29.09	68.85	1.41	5.92	113.87	0.86	43.02
3.754	29.09	69.08	1.45	5.92	107.09	0.89	43.19
3.769	29.12	69.03	1.56	5.95	111.65	0.91	43.13
3.795	29.11	69.01	1.53	5.95	111.13	0.89	43.12
3.854	29.11	69.34	1.45	5.95	111.54	0.86	43.36
3.913	29.12	69.41	1.41	5.95	111.11	1.15	43.4
3.946	29.14	69.44	1.45	5.95	107.21	1.03	43.4
3.957	29.15	69.4	1.45	5.95	103.5	0.95	43.36
3.964	29.15	69.37	1.56	5.94	101.5	1.05	43.34
3.985	29.15	69.38	1.3	5.93	101.88	0.95	43.35
4.023	29.15	69.56	1.45	5.92	99.13	0.93	43.48
4.072	29.16	69.66	1.34	5.91	96.82	1.16	43.54
4.087	29.17	69.57	1.83	5.94	96.68	0.96	43.46
4.143	29.17	69.58	1.41	5.93	94.99	1.06	43.47
4.233	29.19	69.67	1.64	5.94	95.54	0.83	43.52
4.268	29.18	69.66	1.53	5.94	90.33	0.91	43.52

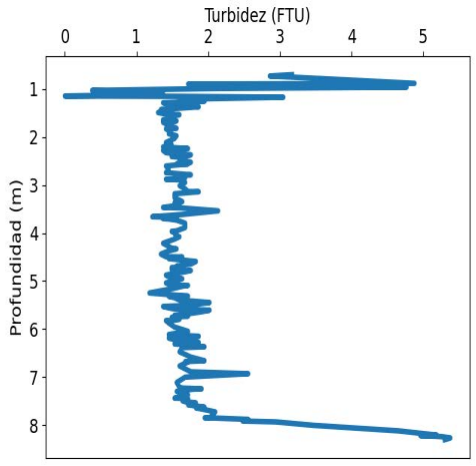
4.362	29.18	69.82	1.37	5.93	87.47	0.91	43.63
4.446	29.21	69.97	1.45	5.95	90.77	0.84	43.71
4.451	29.21	69.93	1.56	5.95	88.49	0.92	43.68
4.493	29.21	70.03	1.53	5.95	85.35	0.86	43.76
4.582	29.22	70.24	1.49	5.94	80.82	0.89	43.9
4.679	29.25	70.22	1.49	5.92	77.2	0.82	43.86
4.7	29.24	70.23	1.53	5.92	76.57	0.89	43.86
4.742	29.25	70.28	1.49	5.93	78.1	0.93	43.9
4.762	29.25	70.27	1.56	5.93	75.55	0.99	43.89
4.823	29.25	70.31	1.41	5.92	73.32	0.92	43.92
4.907	29.25	70.32	1.49	5.92	71.76	0.93	43.93
4.953	29.26	70.33	1.6	5.92	72.26	0.9	43.92
4.976	29.26	70.33	1.45	5.92	70.69	0.89	43.93
5.042	29.26	70.35	1.6	5.91	68.92	0.87	43.95
5.054	29.26	70.34	1.64	5.89	70.18	0.89	43.93
5.062	29.26	70.34	1.45	5.88	69.66	0.96	43.94
5.097	29.26	70.35	1.56	5.88	68.15	0.94	43.94
5.15	29.26	70.36	1.53	5.87	65.9	0.91	43.94
5.19	29.26	70.35	1.56	5.89	65.12	0.85	43.94
5.201	29.26	70.35	1.64	5.89	65.14	0.82	43.94

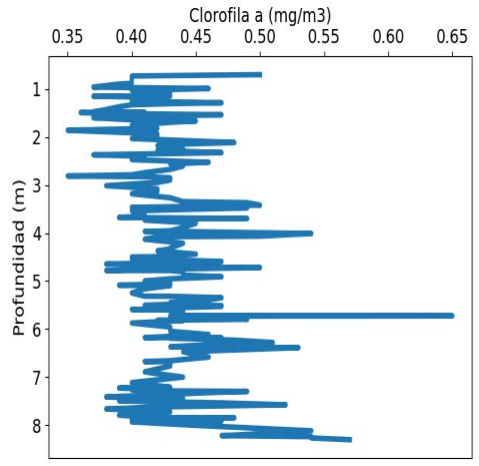
Nombre: CTD N5F - Punto 008 **Fecha: 27/08/2024** **Hora: 08:08:39**

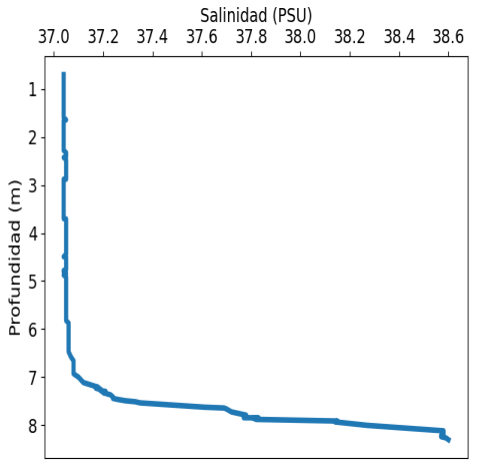


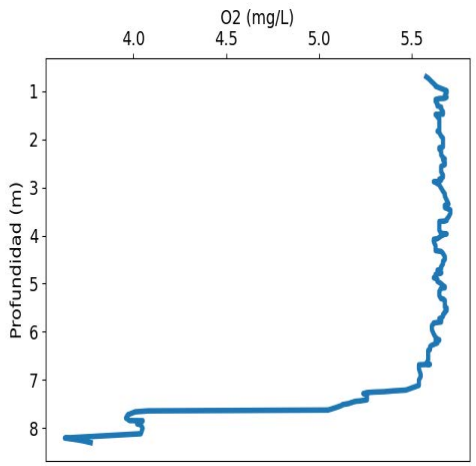


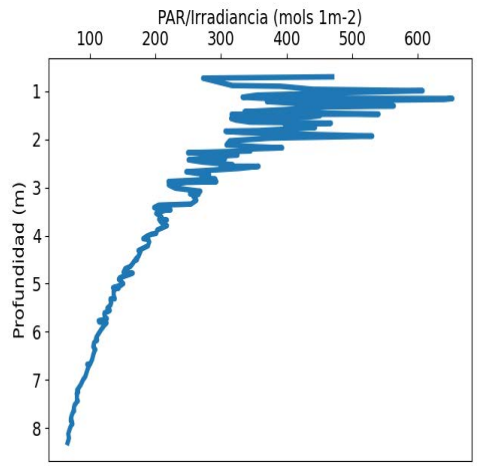


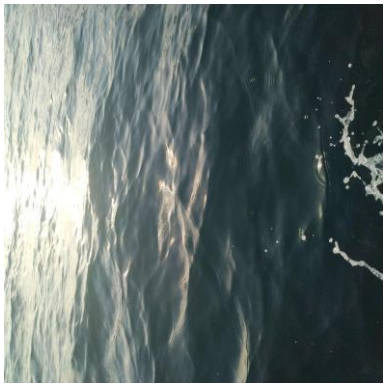












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.47	59.65	0.0	3.63	65.83	0.35	37.04
PROF (metros)	0.703	0.703	1.147	8.206	8.302	1.86	0.703
MÁXIMO	28.74	28.74	5.38	5.71	653.54	0.65	38.6
PROF (metros)	8.206	8.302	8.265	3.467	1.154	5.725	8.302

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	28.47	59.66	3.24	5.63	416.5	0.42	37.04
1 - 2m	28.47	59.65	1.48	5.65	422.92	0.41	37.04
2 - 3m	28.48	59.67	1.56	5.66	292.68	0.42	37.05
3 - 4m	28.48	59.66	1.59	5.68	221.69	0.43	37.04
4 - 5m	28.48	59.67	1.55	5.65	165.66	0.44	37.05
5 - 6m	28.48	59.67	1.59	5.66	127.81	0.44	37.05
6 - 7m	28.48	59.71	1.73	5.6	103.55	0.44	37.07
7 - 8m	28.54	60.32	1.87	4.83	77.14	0.42	37.46
8 - 9m	28.71	62.05	4.89	3.79	67.3	0.51	38.54

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 8 - 9m con los valores 3.79 respectivamente.

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.703	28.47	59.65	3.17	5.58	470.04	0.5	37.04
0.731	28.47	59.66	2.86	5.59	272.51	0.4	37.04
0.884	28.47	59.66	4.88	5.63	317.26	0.4	37.04
0.899	28.47	59.66	1.72	5.63	391.03	0.39	37.04
0.962	28.47	59.66	4.77	5.67	440.1	0.37	37.04
0.992	28.47	59.66	2.06	5.69	608.09	0.46	37.04
1.032	28.47	59.65	0.38	5.69	491.43	0.4	37.04
1.083	28.47	59.65	1.37	5.68	355.5	0.43	37.04
1.126	28.47	59.65	0.84	5.69	332.86	0.42	37.04
1.147	28.47	59.65	0.0	5.68	361.15	0.43	37.04
1.152	28.47	59.65	1.3	5.67	549.52	0.41	37.04
1.154	28.47	59.65	1.53	5.65	653.54	0.37	37.04
1.173	28.47	59.65	3.05	5.63	640.94	0.42	37.04
1.215	28.47	59.65	1.6	5.63	369.96	0.4	37.04
1.256	28.47	59.65	1.95	5.64	414.36	0.4	37.04
1.288	28.47	59.65	1.37	5.64	419.29	0.47	37.04
1.307	28.47	59.65	1.41	5.64	564.1	0.43	37.04
1.33	28.47	59.65	1.53	5.66	463.66	0.4	37.04
1.372	28.47	59.65	1.87	5.66	412.83	0.39	37.04
1.429	28.47	59.66	1.34	5.67	335.64	0.38	37.04
1.478	28.47	59.66	1.45	5.67	540.8	0.37	37.04
1.483	28.48	59.66	1.34	5.63	316.09	0.41	37.04
1.492	28.48	59.66	1.3	5.63	325.46	0.36	37.04
1.511	28.48	59.66	1.37	5.64	451.04	0.38	37.04
1.537	28.48	59.66	1.6	5.64	434.32	0.47	37.04
1.566	28.48	59.66	1.45	5.65	315.36	0.42	37.04
1.6	28.48	59.66	1.53	5.65	322.6	0.37	37.04
1.643	28.48	59.66	1.37	5.65	344.31	0.4	37.05
1.666	28.48	59.66	1.56	5.65	467.98	0.45	37.04
1.695	28.48	59.66	1.37	5.65	397.34	0.43	37.04
1.756	28.48	59.65	1.45	5.65	443.79	0.4	37.04

1.82	28.47	59.65	1.56	5.65	357.15	0.42	37.04
1.832	28.47	59.66	1.41	5.64	306.71	0.4	37.04
1.86	28.47	59.65	1.49	5.65	332.78	0.35	37.04
1.934	28.47	59.65	1.45	5.66	531.11	0.42	37.04
1.976	28.47	59.65	1.56	5.67	374.27	0.42	37.04
2.033	28.47	59.65	1.53	5.67	313.24	0.4	37.04
2.116	28.47	59.66	1.41	5.67	308.27	0.48	37.04
2.156	28.48	59.66	1.49	5.67	355.58	0.43	37.04
2.177	28.48	59.66	1.49	5.65	393.58	0.42	37.04
2.207	28.48	59.66	1.37	5.65	335.18	0.43	37.04
2.242	28.48	59.66	1.72	5.66	345.19	0.44	37.04
2.28	28.48	59.66	1.37	5.66	249.54	0.42	37.04
2.327	28.48	59.66	1.41	5.66	325.3	0.47	37.05
2.372	28.48	59.66	1.76	5.67	275.31	0.37	37.05
2.402	28.48	59.66	1.68	5.67	306.35	0.41	37.05
2.407	28.48	59.67	1.49	5.68	267.38	0.4	37.05
2.427	28.48	59.67	1.64	5.67	250.46	0.4	37.04
2.473	28.48	59.67	1.6	5.68	271.94	0.4	37.05
2.527	28.48	59.67	1.76	5.68	317.7	0.46	37.05
2.56	28.48	59.67	1.56	5.66	299.54	0.43	37.05
2.561	28.48	59.67	1.72	5.66	357.49	0.43	37.05
2.604	28.48	59.67	1.41	5.66	328.56	0.44	37.05
2.675	28.48	59.67	1.45	5.66	246.95	0.43	37.05
2.743	28.48	59.67	1.41	5.67	282.02	0.41	37.05
2.788	28.48	59.67	1.76	5.67	272.51	0.4	37.05
2.812	28.48	59.67	1.56	5.66	270.06	0.35	37.05
2.828	28.48	59.67	1.64	5.65	291.46	0.41	37.05
2.85	28.48	59.67	1.68	5.66	258.67	0.43	37.05
2.878	28.48	59.67	1.49	5.65	219.77	0.43	37.05
2.88	28.48	59.67	1.41	5.62	293.08	0.43	37.04
2.896	28.48	59.67	1.64	5.63	247.18	0.43	37.04
2.947	28.48	59.67	1.68	5.65	220.13	0.42	37.04
3.014	28.48	59.67	1.6	5.66	230.25	0.38	37.04
3.08	28.48	59.66	1.68	5.67	268.62	0.42	37.04
3.135	28.48	59.66	1.72	5.68	252.56	0.42	37.04
3.14	28.48	59.66	1.87	5.68	266.08	0.41	37.04
3.183	28.48	59.66	1.53	5.68	257.41	0.4	37.04
3.266	28.48	59.66	1.53	5.69	262.47	0.43	37.04
3.346	28.48	59.66	1.64	5.7	254.15	0.44	37.04
3.369	28.48	59.66	1.53	5.68	205.11	0.49	37.04
3.419	28.48	59.66	1.6	5.68	197.87	0.5	37.04
3.467	28.48	59.66	1.37	5.71	223.11	0.4	37.04
3.475	28.48	59.66	1.6	5.71	214.44	0.49	37.04
3.538	28.48	59.66	2.14	5.71	201.01	0.4	37.04
3.613	28.48	59.66	1.64	5.7	209.19	0.41	37.04
3.661	28.48	59.66	1.22	5.69	205.53	0.4	37.04
3.676	28.48	59.66	1.56	5.69	217.44	0.39	37.04
3.684	28.48	59.66	1.56	5.69	214.99	0.43	37.04
3.699	28.48	59.66	1.37	5.68	207.11	0.49	37.04
3.708	28.48	59.67	1.45	5.65	211.63	0.41	37.05
3.731	28.48	59.67	1.56	5.65	209.24	0.41	37.05
3.795	28.48	59.67	1.68	5.65	217.54	0.45	37.05
3.886	28.48	59.68	1.68	5.65	202.51	0.44	37.05
3.954	28.48	59.68	1.56	5.66	201.01	0.43	37.05
3.966	28.48	59.68	1.49	5.69	196.77	0.41	37.05
3.969	28.48	59.68	1.56	5.68	194.59	0.44	37.05
4.01	28.48	59.68	1.53	5.66	187.34	0.54	37.05
4.065	28.48	59.68	1.56	5.64	181.31	0.5	37.05

4.077	28.48	59.68	1.6	5.62	188.64	0.42	37.05
4.127	28.48	59.68	1.53	5.62	190.53	0.41	37.05
4.213	28.48	59.68	1.37	5.63	188.47	0.44	37.05
4.313	28.48	59.67	1.49	5.63	173.86	0.43	37.05
4.33	28.48	59.67	1.56	5.66	177.16	0.43	37.05
4.372	28.48	59.68	1.45	5.67	175.77	0.42	37.05
4.439	28.48	59.67	1.34	5.68	173.58	0.45	37.05
4.492	28.48	59.67	1.41	5.68	169.53	0.42	37.04
4.498	28.48	59.67	1.64	5.68	171.9	0.4	37.05
4.532	28.48	59.67	1.45	5.67	167.57	0.4	37.05
4.592	28.48	59.67	1.83	5.67	164.53	0.47	37.05
4.645	28.48	59.67	1.76	5.66	161.4	0.38	37.05
4.687	28.48	59.68	1.56	5.66	153.94	0.44	37.05
4.71	28.48	59.68	1.64	5.65	157.26	0.43	37.05
4.719	28.48	59.68	1.49	5.64	152.66	0.5	37.05
4.762	28.48	59.67	1.49	5.66	151.12	0.4	37.05
4.779	28.48	59.67	1.64	5.65	153.98	0.38	37.04
4.78	28.48	59.67	1.76	5.66	165.26	0.43	37.04
4.806	28.48	59.67	1.68	5.63	160.58	0.44	37.04
4.841	28.48	59.67	1.53	5.63	153.02	0.44	37.05
4.876	28.48	59.67	1.41	5.62	145.58	0.44	37.04
4.91	28.48	59.67	1.45	5.64	143.94	0.47	37.05
4.952	28.48	59.67	1.64	5.64	147.38	0.43	37.05
4.999	28.48	59.67	1.53	5.66	150.77	0.41	37.05
5.038	28.48	59.67	1.41	5.67	146.56	0.43	37.05
5.064	28.48	59.67	1.45	5.68	139.5	0.42	37.05
5.085	28.48	59.67	1.53	5.68	135.05	0.39	37.05
5.09	28.48	59.67	1.72	5.67	144.04	0.4	37.05
5.094	28.48	59.67	1.68	5.66	139.66	0.43	37.05
5.161	28.48	59.67	1.49	5.65	136.02	0.41	37.05
5.247	28.48	59.67	1.18	5.65	136.21	0.4	37.05
5.314	28.48	59.67	1.72	5.66	137.83	0.41	37.05
5.316	28.48	59.67	1.45	5.67	131.25	0.43	37.05
5.346	28.48	59.67	1.53	5.68	131.31	0.47	37.05
5.396	28.48	59.67	1.6	5.68	132.38	0.46	37.05
5.446	28.48	59.67	2.02	5.68	131.13	0.43	37.05
5.485	28.48	59.67	1.83	5.68	128.28	0.43	37.05
5.504	28.48	59.67	1.64	5.69	127.42	0.41	37.05
5.508	28.48	59.67	1.68	5.69	126.45	0.44	37.05
5.51	28.48	59.67	1.68	5.69	126.86	0.47	37.05
5.528	28.48	59.67	1.37	5.69	128.28	0.47	37.05
5.557	28.48	59.67	1.45	5.69	130.25	0.43	37.05
5.58	28.48	59.67	1.53	5.68	127.39	0.44	37.05
5.589	28.48	59.67	1.68	5.68	124.9	0.4	37.05
5.605	28.48	59.67	2.02	5.68	122.07	0.44	37.05
5.638	28.48	59.67	1.91	5.67	121.79	0.44	37.05
5.68	28.48	59.67	1.72	5.67	122.64	0.44	37.05
5.713	28.48	59.68	1.53	5.66	123.38	0.43	37.05
5.725	28.48	59.68	1.53	5.65	125.83	0.65	37.05
5.729	28.48	59.68	1.72	5.65	124.73	0.49	37.05
5.742	28.48	59.68	1.53	5.65	122.21	0.47	37.05
5.756	28.48	59.68	1.49	5.66	119.3	0.43	37.05
5.761	28.48	59.68	1.53	5.66	115.46	0.49	37.05
5.77	28.48	59.68	1.56	5.66	113.19	0.48	37.05
5.795	28.48	59.68	1.6	5.66	113.97	0.49	37.05
5.816	28.48	59.68	1.53	5.62	125.37	0.42	37.05
5.822	28.48	59.68	1.41	5.62	124.64	0.44	37.05
5.873	28.48	59.69	1.45	5.61	121.28	0.4	37.06

5.956	28.48	59.69	1.53	5.61	116.84	0.43	37.06
6.046	28.48	59.69	1.72	5.62	112.79	0.43	37.06
6.113	28.48	59.69	1.45	5.63	109.65	0.46	37.06
6.15	28.48	59.69	1.87	5.64	109.06	0.43	37.06
6.165	28.48	59.69	1.64	5.65	110.95	0.42	37.06
6.176	28.48	59.69	1.72	5.65	110.75	0.41	37.06
6.181	28.48	59.69	1.6	5.63	110.26	0.47	37.06
6.186	28.48	59.69	1.45	5.63	109.17	0.43	37.06
6.23	28.48	59.69	1.56	5.64	105.88	0.48	37.06
6.279	28.48	59.7	1.87	5.61	105.56	0.51	37.06
6.307	28.48	59.69	1.53	5.6	104.85	0.47	37.06
6.368	28.48	59.7	1.95	5.6	108.28	0.43	37.06
6.385	28.48	59.7	1.64	5.59	107.19	0.53	37.06
6.472	28.48	59.7	1.6	5.59	105.02	0.44	37.06
6.582	28.48	59.71	1.76	5.59	103.09	0.46	37.07
6.658	28.48	59.72	1.95	5.58	100.4	0.43	37.08
6.674	28.48	59.72	1.68	5.59	98.04	0.41	37.08
6.676	28.48	59.72	1.68	5.6	95.68	0.43	37.08
6.685	28.48	59.72	1.72	5.54	99.27	0.43	37.08
6.767	28.48	59.72	1.6	5.54	96.5	0.43	37.08
6.889	28.48	59.73	1.76	5.55	93.62	0.41	37.08
6.928	28.48	59.73	2.56	5.55	92.77	0.42	37.08
6.999	28.48	59.74	1.68	5.54	89.27	0.44	37.1
7.112	28.48	59.78	1.56	5.54	85.31	0.4	37.12
7.21	28.5	59.87	1.6	5.47	80.3	0.43	37.18
7.227	28.5	59.87	1.64	5.4	80.77	0.39	37.17
7.244	28.5	59.88	1.91	5.35	81.24	0.41	37.18
7.251	28.5	59.9	1.79	5.3	81.99	0.43	37.19
7.262	28.5	59.89	1.72	5.26	80.62	0.4	37.19
7.283	28.5	59.9	1.68	5.24	79.58	0.41	37.19
7.296	28.5	59.92	1.56	5.25	79.71	0.49	37.21
7.322	28.5	59.91	1.64	5.26	80.13	0.46	37.2
7.368	28.5	59.95	1.72	5.26	79.96	0.42	37.23
7.412	28.5	59.97	1.64	5.26	80.36	0.38	37.24
7.437	28.5	59.98	1.53	5.22	81.44	0.41	37.24
7.442	28.5	59.98	1.72	5.2	80.71	0.44	37.24
7.464	28.51	60.0	1.72	5.18	79.3	0.41	37.26
7.491	28.51	60.05	1.64	5.16	78.12	0.39	37.29
7.511	28.51	60.11	1.68	5.13	76.66	0.42	37.33
7.535	28.51	60.14	1.83	5.12	76.08	0.47	37.35
7.576	28.52	60.32	1.72	5.09	75.39	0.52	37.47
7.625	28.53	60.53	1.95	5.05	75.11	0.41	37.61
7.642	28.58	60.71	1.83	4.08	75.8	0.4	37.69
7.662	28.58	60.72	1.91	4.01	74.08	0.38	37.7
7.723	28.58	60.74	2.1	3.97	72.38	0.43	37.72
7.791	28.58	60.82	2.06	3.96	70.85	0.39	37.78
7.844	28.59	60.82	2.02	3.98	70.57	0.42	37.77
7.846	28.6	60.93	1.95	4.05	72.23	0.48	37.83
7.854	28.6	60.89	2.14	4.05	71.78	0.43	37.81
7.879	28.6	60.9	2.56	4.04	71.66	0.4	37.82
7.913	28.65	61.43	2.48	4.02	73.19	0.47	38.15
7.931	28.65	61.42	2.94	4.04	71.73	0.4	38.14
8.003	28.65	61.6	3.47	4.05	69.33	0.45	38.27
8.117	28.66	62.06	4.65	4.04	66.72	0.54	38.58
8.206	28.74	62.14	5.19	3.63	67.77	0.48	38.58
8.216	28.73	62.13	4.96	3.65	67.71	0.47	38.57
8.238	28.73	62.13	5.26	3.69	67.05	0.54	38.57
8.265	28.73	62.15	5.38	3.73	66.66	0.54	38.59

8.302	28.73	62.16	5.3	3.77	65.83	0.57	38.6

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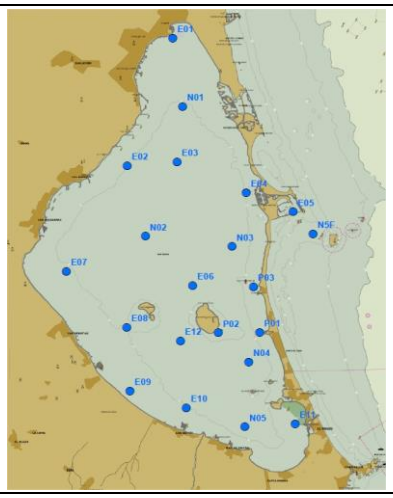
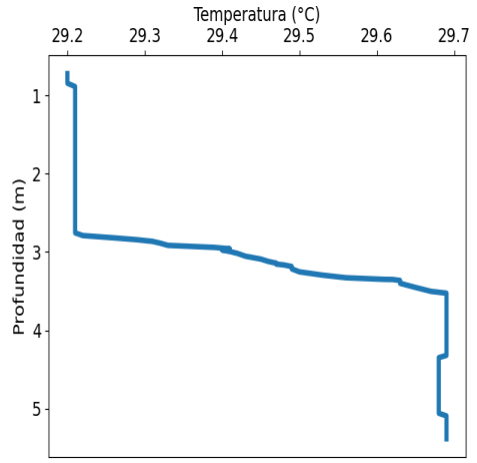
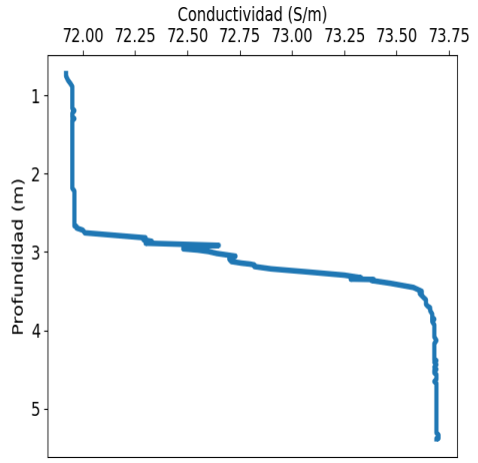
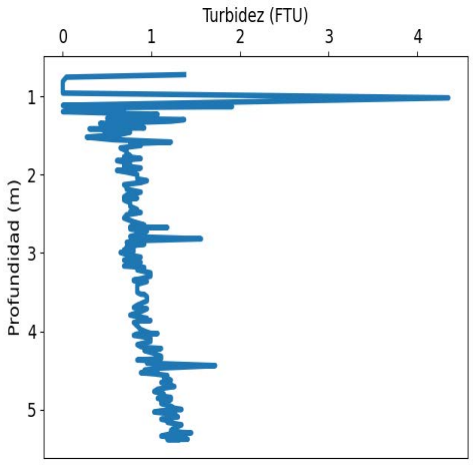
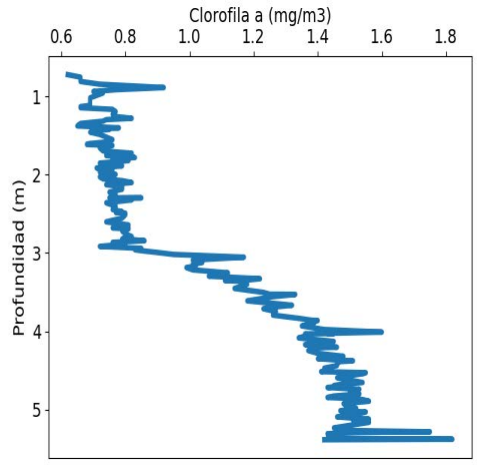
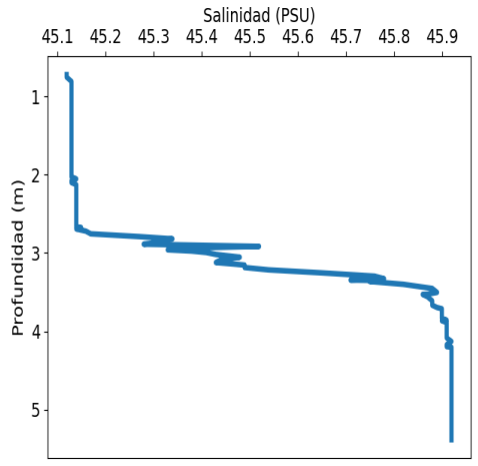


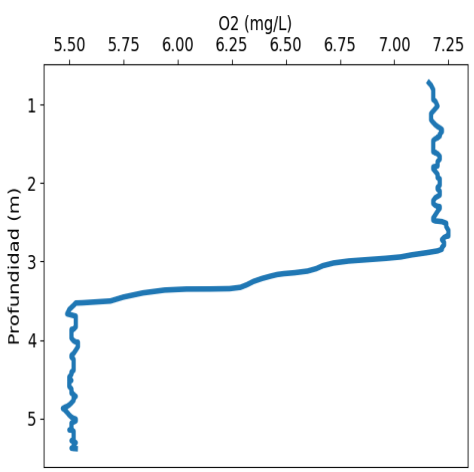


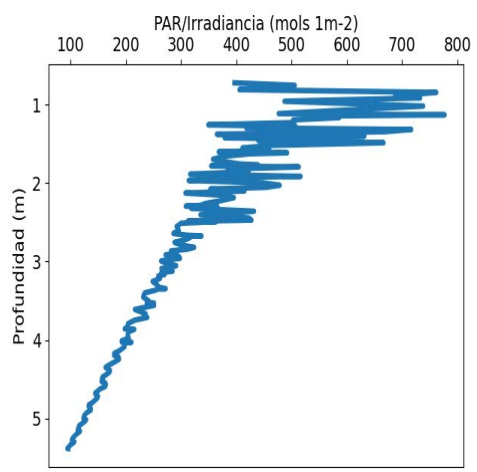


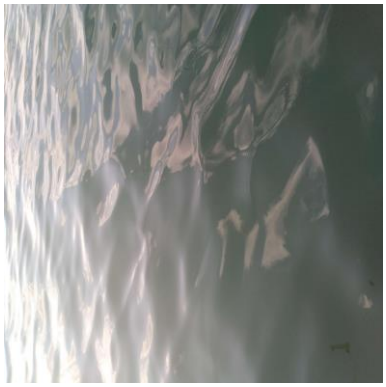












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.2	71.92	0.0	5.47	93.83	0.62	45.12
PROF (metros)	0.724	0.724	0.811	4.87	5.38	0.724	0.724
MÁXIMO	29.69	29.69	4.35	7.25	777.44	1.82	45.92
PROF (metros)	3.525	5.335	1.02	2.602	1.132	5.376	4.128

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	29.2	71.92	0.71	7.17	451.25	0.64	45.12
1 - 2m	29.21	71.95	0.85	7.2	470.11	0.74	45.13
2 - 3m	29.24	72.07	0.82	7.18	335.97	0.79	45.19
3 - 4m	29.6	73.35	0.86	5.94	242.41	1.19	45.75
4 - 5m	29.68	73.68	1.07	5.51	161.76	1.46	45.92
5 - 6m	29.69	73.69	1.24	5.52	109.28	1.52	45.92

OBSERVACIONES GENERALES

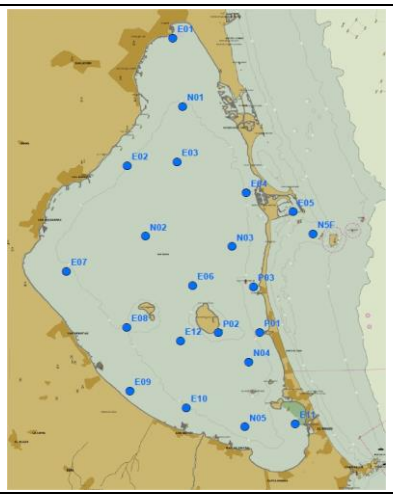
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.724	29.2	71.92	1.37	7.16	396.51	0.62	45.12
0.756	29.2	71.92	0.04	7.17	505.99	0.66	45.12
0.811	29.2	71.93	0.0	7.18	405.43	0.66	45.13
0.846	29.2	71.94	0.0	7.18	762.27	0.72	45.13
0.889	29.21	71.95	0.0	7.18	687.57	0.92	45.13
0.916	29.21	71.95	0.0	7.18	732.99	0.77	45.13
0.939	29.21	71.95	0.0	7.18	598.72	0.7	45.13
0.959	29.21	71.95	0.0	7.19	487.01	0.73	45.13
1.02	29.21	71.95	4.35	7.2	738.45	0.69	45.13
1.116	29.21	71.95	0.0	7.17	476.51	0.69	45.13
1.132	29.21	71.95	1.91	7.17	777.44	0.66	45.13
1.146	29.21	71.95	0.04	7.17	555.92	0.66	45.13
1.167	29.21	71.95	0.69	7.17	586.22	0.76	45.13
1.196	29.21	71.96	0.0	7.17	502.72	0.77	45.13
1.23	29.21	71.95	1.07	7.18	505.17	0.76	45.13
1.259	29.21	71.95	0.84	7.19	349.05	0.77	45.13
1.281	29.21	71.95	0.5	7.2	507.52	0.82	45.13
1.298	29.21	71.96	1.37	7.21	417.73	0.74	45.13
1.318	29.21	71.95	1.22	7.22	716.86	0.73	45.13
1.347	29.21	71.95	0.42	7.22	667.16	0.66	45.13
1.378	29.21	71.95	0.61	7.21	364.6	0.65	45.13
1.403	29.21	71.95	0.92	7.21	631.94	0.78	45.13
1.416	29.21	71.95	0.3	7.2	526.33	0.72	45.13
1.424	29.21	71.95	0.61	7.2	378.72	0.75	45.13
1.436	29.21	71.95	0.46	7.19	492.91	0.71	45.13
1.458	29.21	71.95	0.76	7.18	439.79	0.69	45.13
1.487	29.21	71.95	0.65	7.18	666.7	0.72	45.13
1.521	29.21	71.95	0.27	7.18	461.19	0.74	45.13
1.554	29.21	71.95	0.57	7.18	410.92	0.76	45.13
1.584	29.21	71.95	1.22	7.18	460.12	0.74	45.13
1.603	29.21	71.95	0.8	7.18	367.91	0.69	45.13
1.611	29.21	71.95	0.8	7.19	415.32	0.68	45.13
1.615	29.21	71.95	0.76	7.19	492.11	0.68	45.13
1.628	29.21	71.95	0.88	7.2	424.67	0.76	45.13
1.659	29.21	71.95	0.65	7.21	377.67	0.72	45.13
1.697	29.21	71.95	0.72	7.21	357.57	0.73	45.13

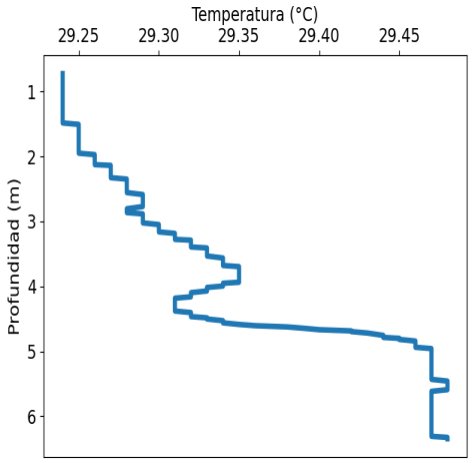
1.727	29.21	71.95	0.72	7.2	378.37	0.82	45.13
1.756	29.21	71.95	0.76	7.2	404.77	0.74	45.13
1.772	29.21	71.95	0.69	7.2	440.0	0.78	45.13
1.782	29.21	71.95	0.8	7.2	354.19	0.83	45.13
1.795	29.21	71.95	0.88	7.18	513.2	0.76	45.13
1.821	29.21	71.95	0.61	7.18	384.38	0.81	45.13
1.853	29.21	71.95	0.76	7.19	422.31	0.72	45.13
1.888	29.21	71.95	0.69	7.2	316.16	0.79	45.13
1.915	29.21	71.95	0.88	7.2	516.54	0.71	45.13
1.931	29.21	71.95	0.8	7.2	380.31	0.73	45.13
1.946	29.21	71.95	0.61	7.21	373.06	0.76	45.13
1.967	29.21	71.95	0.72	7.21	313.53	0.72	45.13
1.997	29.21	71.95	0.84	7.21	447.61	0.77	45.13
2.028	29.21	71.95	0.84	7.21	478.62	0.72	45.13
2.054	29.21	71.95	0.84	7.2	454.19	0.73	45.14
2.077	29.21	71.95	0.95	7.2	352.79	0.79	45.13
2.101	29.21	71.95	0.88	7.21	414.74	0.82	45.13
2.128	29.21	71.95	0.69	7.21	307.63	0.74	45.14
2.154	29.21	71.95	0.72	7.21	373.41	0.79	45.14
2.186	29.21	71.95	0.72	7.19	395.68	0.79	45.14
2.223	29.21	71.96	0.88	7.18	372.89	0.75	45.14
2.261	29.21	71.96	0.72	7.18	344.07	0.77	45.14
2.285	29.21	71.96	0.69	7.19	334.25	0.77	45.14
2.295	29.21	71.96	0.69	7.2	308.27	0.75	45.14
2.296	29.21	71.96	0.8	7.2	353.12	0.85	45.14
2.3	29.21	71.96	0.84	7.21	365.78	0.79	45.14
2.322	29.21	71.96	0.69	7.21	318.15	0.82	45.14
2.359	29.21	71.96	0.76	7.2	432.11	0.74	45.14
2.404	29.21	71.96	0.76	7.19	334.87	0.77	45.14
2.445	29.21	71.96	0.84	7.18	422.6	0.76	45.14
2.472	29.21	71.96	0.76	7.18	427.63	0.79	45.14
2.483	29.21	71.96	0.88	7.19	346.31	0.77	45.14
2.485	29.21	71.96	0.84	7.2	312.08	0.78	45.14
2.491	29.21	71.96	0.84	7.22	363.59	0.8	45.14
2.512	29.21	71.96	0.72	7.24	300.1	0.8	45.14
2.554	29.21	71.96	0.69	7.24	291.73	0.79	45.14
2.602	29.21	71.96	0.8	7.25	295.88	0.74	45.14
2.642	29.21	71.96	0.92	7.25	285.84	0.81	45.14
2.666	29.21	71.96	0.76	7.25	312.37	0.79	45.14
2.674	29.21	71.97	1.18	7.25	337.05	0.81	45.15
2.679	29.21	71.97	0.8	7.24	310.21	0.76	45.15
2.693	29.21	71.97	0.76	7.23	316.45	0.81	45.14
2.721	29.21	72.0	0.95	7.22	307.92	0.79	45.16
2.755	29.21	72.01	0.88	7.23	287.9	0.8	45.17
2.79	29.22	72.17	0.76	7.23	300.44	0.82	45.27
2.819	29.26	72.3	1.56	7.22	323.72	0.79	45.34
2.843	29.29	72.29	0.8	7.22	310.5	0.86	45.3
2.864	29.31	72.33	0.72	7.2	281.44	0.76	45.31
2.887	29.32	72.3	0.92	7.15	292.68	0.8	45.28
2.915	29.33	72.65	0.72	7.08	271.63	0.72	45.52
2.941	29.39	72.49	0.8	7.03	296.91	0.85	45.35
2.959	29.41	72.48	0.69	6.96	298.09	0.83	45.33
2.975	29.4	72.55	0.8	6.88	277.61	0.86	45.38
2.993	29.41	72.6	0.65	6.79	263.57	0.9	45.41
3.018	29.42	72.64	0.72	6.72	272.64	0.95	45.43
3.053	29.43	72.73	0.88	6.67	291.26	1.17	45.48
3.09	29.45	72.7	0.69	6.64	264.18	1.01	45.44
3.121	29.46	72.71	0.88	6.6	284.85	1.04	45.43

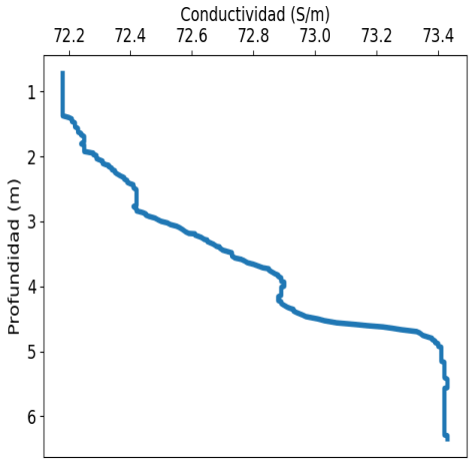
3.142	29.47	72.76	0.72	6.54	263.87	1.01	45.47
3.154	29.47	72.8	0.8	6.49	263.75	1.01	45.49
3.165	29.48	72.82	0.69	6.46	270.12	1.02	45.49
3.185	29.49	72.82	0.92	6.43	258.25	0.99	45.49
3.215	29.49	72.9	0.84	6.39	261.8	1.01	45.54
3.253	29.5	73.07	0.99	6.35	248.27	1.12	45.65
3.295	29.53	73.25	0.99	6.32	256.22	1.06	45.76
3.328	29.56	73.33	0.88	6.29	259.93	1.22	45.78
3.345	29.6	73.28	0.8	6.24	272.26	1.18	45.71
3.349	29.61	73.36	0.88	6.15	270.88	1.11	45.76
3.35	29.62	73.39	0.8	6.04	256.93	1.11	45.77
3.363	29.63	73.38	0.95	5.94	254.33	1.17	45.75
3.399	29.63	73.47	0.84	5.84	233.91	1.18	45.82
3.452	29.65	73.58	0.84	5.75	231.06	1.14	45.88
3.502	29.67	73.62	0.84	5.69	241.79	1.23	45.89
3.525	29.69	73.62	0.88	5.56	237.52	1.25	45.87
3.528	29.69	73.61	0.92	5.53	250.93	1.33	45.86
3.557	29.69	73.62	0.95	5.52	251.28	1.26	45.87
3.61	29.69	73.64	0.95	5.5	216.14	1.18	45.88
3.666	29.69	73.64	0.84	5.49	236.04	1.32	45.88
3.695	29.69	73.65	0.8	5.53	232.94	1.25	45.89
3.711	29.69	73.66	0.95	5.53	238.9	1.23	45.9
3.747	29.69	73.66	0.88	5.53	215.49	1.27	45.9
3.792	29.69	73.67	0.76	5.53	203.45	1.26	45.9
3.833	29.69	73.67	0.95	5.53	203.12	1.34	45.9
3.857	29.69	73.68	0.88	5.52	197.64	1.38	45.91
3.861	29.69	73.67	0.99	5.52	214.64	1.4	45.9
3.864	29.69	73.67	0.88	5.51	215.34	1.38	45.9
3.887	29.69	73.67	0.8	5.51	206.54	1.39	45.91
3.93	29.69	73.68	0.84	5.51	202.74	1.35	45.91
3.976	29.69	73.68	0.88	5.51	205.3	1.42	45.91
4.009	29.69	73.68	0.95	5.52	192.17	1.6	45.91
4.024	29.69	73.68	0.99	5.53	192.31	1.43	45.91
4.027	29.69	73.68	1.07	5.54	210.21	1.45	45.91
4.032	29.69	73.68	0.84	5.54	201.52	1.36	45.91
4.05	29.69	73.68	0.8	5.54	196.54	1.37	45.91
4.083	29.69	73.68	0.99	5.54	197.73	1.34	45.91
4.128	29.69	73.69	0.99	5.53	189.65	1.45	45.92
4.169	29.69	73.68	0.84	5.52	178.68	1.36	45.91
4.194	29.69	73.68	0.88	5.51	178.56	1.44	45.91
4.202	29.69	73.68	0.92	5.51	180.93	1.46	45.92
4.206	29.69	73.68	0.92	5.51	185.09	1.42	45.92
4.218	29.69	73.68	1.11	5.51	187.03	1.38	45.92
4.244	29.69	73.68	0.92	5.52	187.68	1.37	45.92
4.28	29.69	73.68	1.03	5.52	179.06	1.4	45.92
4.318	29.69	73.68	1.11	5.52	169.21	1.48	45.92
4.348	29.68	73.68	1.11	5.52	162.9	1.4	45.92
4.365	29.68	73.68	0.84	5.52	166.68	1.46	45.92
4.375	29.68	73.68	1.07	5.52	168.74	1.51	45.92
4.385	29.68	73.69	0.99	5.52	171.22	1.47	45.92
4.406	29.68	73.68	0.95	5.51	170.51	1.46	45.92
4.436	29.68	73.69	1.72	5.51	165.03	1.46	45.92
4.469	29.68	73.68	1.07	5.5	157.66	1.42	45.92
4.496	29.68	73.69	0.92	5.5	156.32	1.43	45.92
4.513	29.68	73.68	1.07	5.51	158.73	1.41	45.92
4.527	29.68	73.68	0.88	5.5	155.77	1.55	45.92
4.541	29.68	73.68	1.03	5.5	161.96	1.54	45.92
4.563	29.68	73.69	1.18	5.5	163.89	1.5	45.92

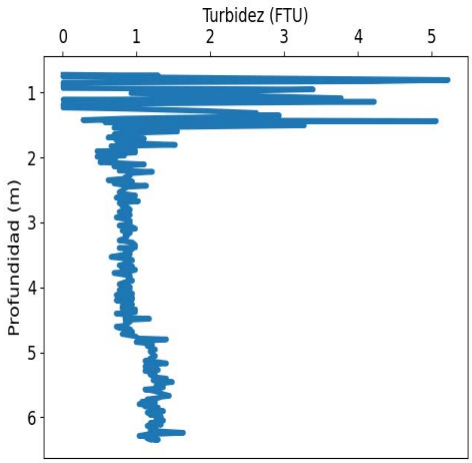
4.591	29.68	73.69	1.14	5.5	162.37	1.46	45.92
4.622	29.68	73.69	1.22	5.51	153.02	1.5	45.92
4.652	29.68	73.68	1.11	5.51	148.34	1.54	45.92
4.676	29.68	73.69	1.22	5.51	144.14	1.47	45.92
4.691	29.68	73.69	1.22	5.52	145.11	1.45	45.92
4.703	29.68	73.69	1.26	5.52	148.65	1.46	45.92
4.716	29.68	73.69	1.18	5.53	149.65	1.43	45.92
4.738	29.68	73.69	1.07	5.52	148.1	1.53	45.92
4.767	29.68	73.69	1.03	5.52	143.74	1.5	45.92
4.798	29.68	73.69	1.14	5.51	138.76	1.53	45.92
4.825	29.68	73.69	1.11	5.5	132.6	1.45	45.92
4.843	29.68	73.69	1.22	5.49	132.29	1.43	45.92
4.854	29.68	73.69	1.07	5.48	134.64	1.5	45.92
4.87	29.68	73.69	1.22	5.47	136.4	1.54	45.92
4.891	29.68	73.69	1.11	5.48	136.4	1.56	45.92
4.921	29.68	73.69	1.11	5.49	129.5	1.48	45.92
4.954	29.68	73.69	1.22	5.5	124.96	1.49	45.92
4.981	29.68	73.69	1.26	5.51	123.63	1.52	45.92
4.996	29.68	73.69	1.34	5.52	122.86	1.52	45.92
5.006	29.68	73.69	1.22	5.53	124.64	1.48	45.92
5.013	29.68	73.69	1.11	5.53	128.22	1.47	45.92
5.028	29.68	73.69	1.03	5.53	126.71	1.55	45.92
5.057	29.68	73.69	1.26	5.51	121.64	1.52	45.92
5.091	29.69	73.69	1.3	5.51	115.01	1.46	45.92
5.12	29.69	73.69	1.11	5.51	113.68	1.56	45.92
5.138	29.69	73.69	1.18	5.51	112.87	1.51	45.92
5.144	29.69	73.69	1.18	5.5	112.69	1.52	45.92
5.146	29.69	73.69	1.22	5.51	115.7	1.55	45.92
5.16	29.69	73.69	1.18	5.52	117.08	1.56	45.92
5.192	29.69	73.69	1.34	5.52	111.26	1.51	45.92
5.231	29.69	73.69	1.26	5.52	105.53	1.45	45.92
5.263	29.69	73.69	1.22	5.52	102.4	1.47	45.92
5.281	29.69	73.69	1.3	5.51	102.14	1.75	45.92
5.289	29.69	73.69	1.34	5.52	103.07	1.53	45.92
5.294	29.69	73.69	1.45	5.52	106.84	1.48	45.92
5.306	29.69	73.69	1.22	5.53	105.07	1.43	45.92
5.335	29.69	73.7	1.11	5.52	99.36	1.46	45.92
5.364	29.69	73.7	1.34	5.52	95.94	1.43	45.92
5.376	29.69	73.7	1.41	5.51	94.58	1.82	45.92
5.38	29.69	73.69	1.18	5.52	93.83	1.54	45.92
5.382	29.69	73.69	1.3	5.53	95.79	1.42	45.92

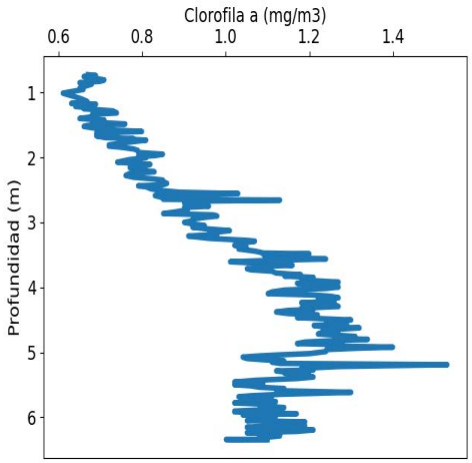
Nombre: CTD N03 - Punto 010 **Fecha: 27/08/2024** **Hora: 09:08:27**

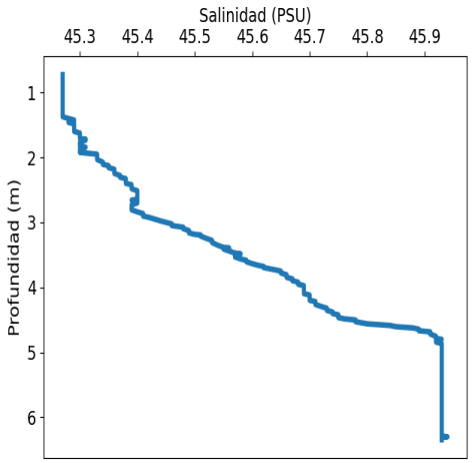


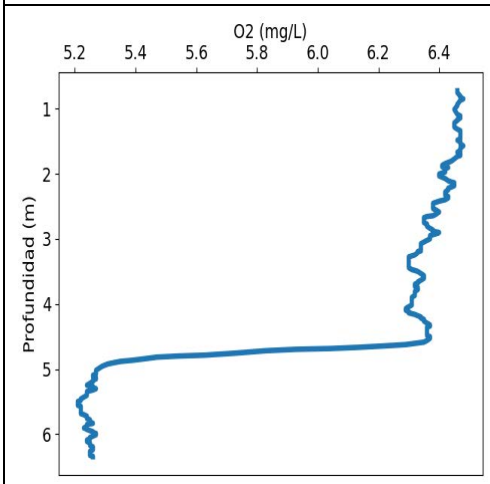


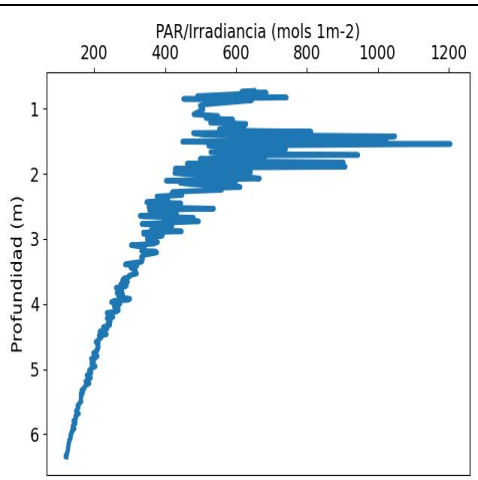












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.24	72.18	0.0	5.21	119.88	0.61	45.27
PROF (metros)	0.722	0.722	0.722	5.5	6.347	1.007	0.722
MÁXIMO	29.48	29.48	5.23	6.48	1204.8	1.53	45.94
PROF (metros)	5.46	5.433	0.803	0.846	1.54	5.192	6.303

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	29.24	72.18	3.53	6.46	587.05	0.69	45.27
1 - 2m	29.25	72.22	1.46	6.45	649.67	0.72	45.29
2 - 3m	29.28	72.4	0.84	6.4	433.26	0.86	45.38
3 - 4m	29.33	72.74	0.87	6.32	306.79	1.08	45.58
4 - 5m	29.37	73.11	0.95	6.06	223.24	1.23	45.81
5 - 6m	29.47	73.42	1.24	5.24	160.76	1.12	45.93
6 - 7m	29.47	73.42	1.25	5.25	126.74	1.11	45.93

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.722	29.24	72.18	0.0	6.46	651.58	0.67	45.27
0.736	29.24	72.18	1.3	6.46	615.61	0.69	45.27
0.751	29.24	72.18	0.0	6.46	685.82	0.66	45.27
0.803	29.24	72.18	5.23	6.47	491.2	0.71	45.27
0.825	29.24	72.18	4.2	6.47	742.74	0.7	45.27
0.846	29.24	72.18	0.0	6.48	451.99	0.65	45.27
0.868	29.24	72.18	0.0	6.47	644.52	0.68	45.27
0.929	29.24	72.18	0.0	6.46	515.46	0.65	45.27
0.95	29.24	72.18	3.4	6.46	498.66	0.66	45.27
1.007	29.24	72.18	0.92	6.45	507.87	0.61	45.27
1.084	29.24	72.18	3.78	6.46	480.84	0.65	45.27
1.108	29.24	72.18	0.0	6.47	549.52	0.66	45.27
1.14	29.24	72.18	4.23	6.47	515.23	0.67	45.27
1.166	29.24	72.18	1.18	6.46	591.82	0.63	45.27
1.178	29.24	72.18	0.0	6.46	560.19	0.69	45.27
1.213	29.24	72.18	0.0	6.45	527.67	0.64	45.27
1.23	29.24	72.18	0.0	6.45	628.87	0.67	45.27
1.248	29.24	72.18	0.88	6.45	626.55	0.66	45.27
1.28	29.24	72.18	1.91	6.45	616.03	0.73	45.27
1.312	29.24	72.18	2.63	6.46	552.84	0.74	45.27
1.335	29.24	72.18	2.21	6.47	601.22	0.68	45.27
1.35	29.24	72.18	2.94	6.47	812.06	0.69	45.27
1.371	29.24	72.18	2.36	6.47	479.5	0.68	45.27
1.398	29.24	72.2	0.84	6.47	507.17	0.65	45.28
1.421	29.24	72.21	0.27	6.47	1048.4	0.71	45.29
1.436	29.24	72.21	5.07	6.47	892.6	0.68	45.29
1.457	29.24	72.21	0.57	6.47	1025.3	0.69	45.28
1.482	29.24	72.22	2.36	6.46	623.36	0.76	45.29
1.504	29.25	72.22	3.28	6.47	449.06	0.67	45.29
1.52	29.25	72.22	2.1	6.47	674.47	0.66	45.29
1.54	29.25	72.22	0.69	6.47	1204.8	0.68	45.29
1.568	29.25	72.23	1.11	6.48	522.56	0.71	45.29
1.598	29.25	72.23	1.56	6.47	740.16	0.8	45.29
1.622	29.25	72.23	0.88	6.47	740.51	0.69	45.3
1.644	29.25	72.24	0.69	6.47	568.96	0.74	45.3

1.665	29.25	72.24	0.99	6.46	528.53	0.69	45.3
1.691	29.25	72.25	0.61	6.47	578.66	0.71	45.3
1.709	29.25	72.25	1.11	6.47	944.32	0.78	45.3
1.715	29.25	72.25	0.88	6.47	571.73	0.76	45.31
1.731	29.25	72.25	0.72	6.46	682.65	0.81	45.31
1.769	29.25	72.25	0.76	6.45	498.54	0.76	45.3
1.804	29.25	72.24	1.53	6.44	567.11	0.72	45.3
1.823	29.25	72.25	0.65	6.43	903.43	0.72	45.3
1.841	29.25	72.25	0.84	6.42	462.05	0.75	45.31
1.868	29.25	72.25	0.76	6.41	538.92	0.78	45.3
1.89	29.25	72.25	0.99	6.41	908.68	0.79	45.3
1.901	29.25	72.25	0.46	6.43	602.2	0.79	45.3
1.921	29.25	72.25	0.99	6.42	428.03	0.79	45.3
1.948	29.25	72.28	0.61	6.42	622.78	0.85	45.33
1.97	29.26	72.28	0.84	6.42	641.83	0.83	45.33
1.985	29.26	72.29	0.46	6.41	426.74	0.79	45.33
2.002	29.26	72.29	0.53	6.4	454.19	0.81	45.33
2.031	29.26	72.29	0.72	6.4	614.47	0.77	45.33
2.071	29.26	72.31	0.5	6.42	666.85	0.74	45.34
2.105	29.26	72.31	1.11	6.43	402.9	0.82	45.34
2.124	29.26	72.32	0.88	6.44	599.28	0.81	45.35
2.136	29.27	72.33	0.69	6.45	442.55	0.78	45.35
2.155	29.27	72.33	0.92	6.45	468.41	0.77	45.35
2.18	29.27	72.34	0.88	6.45	539.17	0.79	45.36
2.202	29.27	72.34	0.76	6.44	612.48	0.8	45.36
2.219	29.27	72.35	1.22	6.43	520.02	0.83	45.36
2.245	29.27	72.35	0.88	6.43	560.32	0.77	45.36
2.276	29.27	72.36	0.92	6.42	421.24	0.76	45.37
2.303	29.27	72.37	0.84	6.42	418.22	0.78	45.37
2.325	29.27	72.38	0.84	6.42	448.33	0.82	45.38
2.347	29.28	72.38	0.61	6.43	376.62	0.85	45.38
2.37	29.28	72.39	0.95	6.43	388.68	0.85	45.38
2.397	29.28	72.39	0.69	6.42	408.83	0.86	45.38
2.419	29.28	72.4	0.8	6.4	378.9	0.85	45.39
2.435	29.28	72.41	1.14	6.39	347.84	0.79	45.39
2.452	29.28	72.41	0.88	6.38	445.02	0.81	45.39
2.48	29.28	72.41	0.84	6.38	393.76	0.82	45.39
2.511	29.28	72.42	0.8	6.38	353.94	0.85	45.4
2.534	29.28	72.42	0.76	6.38	537.55	0.89	45.4
2.555	29.28	72.42	0.8	6.39	355.75	1.03	45.4
2.585	29.29	72.42	0.99	6.4	407.79	0.83	45.4
2.619	29.29	72.42	0.72	6.39	433.42	0.85	45.4
2.643	29.29	72.42	0.95	6.38	329.33	0.85	45.4
2.655	29.29	72.42	0.92	6.36	339.48	1.13	45.39
2.672	29.29	72.42	1.03	6.35	480.39	0.93	45.4
2.699	29.29	72.42	0.76	6.35	395.87	0.9	45.4
2.729	29.29	72.42	0.8	6.35	495.09	0.94	45.39
2.749	29.29	72.42	0.8	6.35	407.6	0.96	45.39
2.77	29.29	72.41	0.88	6.36	334.63	0.9	45.39
2.804	29.28	72.42	0.92	6.36	419.87	0.91	45.39
2.837	29.28	72.42	0.76	6.37	405.34	0.88	45.4
2.863	29.28	72.44	0.84	6.38	360.81	0.85	45.41
2.883	29.29	72.45	0.92	6.38	446.78	0.97	45.41
2.901	29.29	72.45	0.88	6.4	338.85	0.98	45.41
2.921	29.29	72.46	0.72	6.39	339.16	0.95	45.42
2.948	29.29	72.48	0.84	6.37	393.12	0.92	45.43
2.975	29.29	72.49	0.92	6.37	365.02	0.92	45.44
2.998	29.29	72.5	0.88	6.37	349.13	0.9	45.45

3.022	29.29	72.52	0.92	6.36	355.83	0.92	45.46
3.048	29.3	72.53	0.76	6.35	379.6	0.95	45.46
3.073	29.3	72.55	0.95	6.34	367.65	0.92	45.48
3.096	29.3	72.56	0.99	6.34	304.3	0.95	45.48
3.126	29.3	72.57	0.8	6.34	342.56	1.01	45.49
3.161	29.3	72.58	0.92	6.34	339.01	0.96	45.49
3.184	29.31	72.59	0.84	6.34	333.47	0.98	45.5
3.191	29.31	72.61	0.88	6.33	372.54	0.96	45.51
3.209	29.31	72.61	0.88	6.33	377.15	0.91	45.51
3.245	29.31	72.63	0.84	6.32	341.53	0.96	45.52
3.276	29.31	72.64	0.76	6.3	333.32	1.05	45.53
3.288	29.32	72.65	0.84	6.3	333.24	1.07	45.53
3.309	29.32	72.65	0.95	6.3	337.36	1.05	45.53
3.351	29.32	72.67	0.99	6.3	334.87	1.02	45.54
3.384	29.32	72.68	0.99	6.3	290.58	1.05	45.55
3.393	29.32	72.69	0.76	6.3	287.5	1.05	45.56
3.408	29.33	72.69	0.95	6.3	321.85	1.03	45.55
3.442	29.33	72.7	0.88	6.3	303.38	1.07	45.56
3.471	29.33	72.72	0.84	6.31	317.34	1.09	45.57
3.484	29.33	72.73	0.92	6.32	311.87	1.2	45.58
3.501	29.33	72.73	0.8	6.33	315.28	1.09	45.57
3.532	29.33	72.73	0.65	6.34	320.37	1.1	45.57
3.563	29.34	72.74	0.92	6.35	299.12	1.24	45.58
3.584	29.34	72.76	0.95	6.35	299.26	1.11	45.59
3.606	29.34	72.77	0.84	6.35	284.39	1.01	45.59
3.635	29.34	72.78	0.88	6.34	279.74	1.1	45.6
3.66	29.34	72.8	0.76	6.33	294.86	1.16	45.61
3.678	29.34	72.81	0.95	6.33	285.57	1.08	45.62
3.696	29.35	72.82	0.8	6.32	274.6	1.11	45.62
3.713	29.35	72.83	0.8	6.32	291.86	1.05	45.63
3.73	29.35	72.85	0.99	6.32	288.64	1.06	45.64
3.751	29.35	72.85	0.92	6.33	261.8	1.11	45.65
3.779	29.35	72.86	0.69	6.33	279.16	1.12	45.65
3.807	29.35	72.87	0.84	6.32	272.64	1.18	45.66
3.827	29.35	72.88	0.92	6.32	264.06	1.14	45.66
3.846	29.35	72.88	0.92	6.32	281.11	1.21	45.66
3.87	29.35	72.89	0.88	6.32	267.82	1.18	45.67
3.897	29.35	72.89	0.95	6.31	271.38	1.21	45.67
3.92	29.35	72.89	0.84	6.31	301.35	1.27	45.68
3.937	29.35	72.9	0.8	6.31	295.61	1.17	45.68
3.952	29.34	72.9	0.76	6.31	256.34	1.21	45.68
3.973	29.34	72.9	0.88	6.31	248.56	1.22	45.69
3.995	29.34	72.9	0.92	6.31	273.46	1.27	45.69
4.017	29.33	72.89	0.92	6.31	269.75	1.24	45.69
4.042	29.33	72.89	0.76	6.3	256.22	1.14	45.69
4.071	29.33	72.89	0.8	6.29	267.32	1.11	45.69
4.097	29.32	72.89	0.95	6.29	269.19	1.1	45.69
4.118	29.32	72.89	0.72	6.3	262.53	1.21	45.7
4.137	29.32	72.89	0.88	6.3	235.93	1.25	45.7
4.161	29.32	72.88	0.95	6.32	247.87	1.27	45.7
4.182	29.31	72.88	0.95	6.33	251.1	1.22	45.7
4.2	29.31	72.88	0.72	6.34	253.85	1.24	45.7
4.218	29.31	72.88	0.8	6.34	236.04	1.26	45.71
4.237	29.31	72.89	0.88	6.35	243.88	1.18	45.71
4.264	29.31	72.89	0.95	6.35	246.38	1.26	45.71
4.294	29.31	72.9	0.8	6.36	238.57	1.27	45.72
4.322	29.31	72.91	0.8	6.37	244.78	1.18	45.73
4.341	29.31	72.92	0.99	6.37	237.41	1.21	45.73

4.355	29.31	72.93	0.88	6.36	225.87	1.15	45.73
4.38	29.31	72.93	0.99	6.36	236.97	1.12	45.74
4.404	29.32	72.94	0.72	6.36	227.44	1.15	45.74
4.423	29.32	72.95	0.88	6.36	216.04	1.22	45.75
4.443	29.32	72.96	0.88	6.36	219.77	1.22	45.75
4.466	29.32	72.97	0.84	6.36	235.27	1.17	45.75
4.485	29.33	72.99	1.18	6.36	213.7	1.24	45.76
4.503	29.33	73.01	0.84	6.37	221.46	1.3	45.78
4.529	29.34	73.03	0.92	6.37	217.64	1.24	45.78
4.562	29.34	73.07	0.84	6.36	209.82	1.29	45.8
4.587	29.35	73.13	0.88	6.35	204.87	1.21	45.84
4.606	29.36	73.17	0.72	6.32	212.36	1.23	45.85
4.625	29.38	73.22	0.76	6.29	211.77	1.32	45.88
4.645	29.39	73.25	0.92	6.22	209.62	1.27	45.89
4.668	29.4	73.28	0.92	6.13	212.41	1.27	45.89
4.686	29.42	73.31	0.95	6.04	210.79	1.23	45.91
4.697	29.42	73.33	0.92	5.93	207.79	1.23	45.91
4.719	29.43	73.34	0.8	5.83	208.94	1.22	45.91
4.756	29.44	73.35	0.99	5.73	197.82	1.31	45.92
4.787	29.44	73.37	1.03	5.63	202.7	1.26	45.92
4.801	29.45	73.38	1.41	5.54	209.38	1.34	45.93
4.818	29.45	73.38	1.22	5.47	206.59	1.27	45.92
4.843	29.46	73.39	0.99	5.43	191.77	1.19	45.92
4.866	29.46	73.39	1.18	5.39	197.55	1.17	45.93
4.884	29.46	73.4	1.22	5.35	199.48	1.28	45.93
4.902	29.46	73.4	1.14	5.33	193.2	1.25	45.93
4.922	29.46	73.4	1.18	5.31	192.89	1.4	45.93
4.939	29.46	73.41	1.22	5.3	194.5	1.31	45.93
4.959	29.47	73.41	1.26	5.29	203.78	1.24	45.93
4.989	29.47	73.41	1.18	5.28	192.57	1.24	45.93
5.021	29.47	73.41	1.22	5.27	186.04	1.2	45.93
5.043	29.47	73.41	1.22	5.27	189.65	1.12	45.93
5.057	29.47	73.41	1.26	5.27	192.0	1.08	45.93
5.075	29.47	73.41	1.22	5.27	186.86	1.04	45.93
5.096	29.47	73.41	1.18	5.26	179.31	1.05	45.93
5.116	29.47	73.41	1.18	5.26	183.38	1.09	45.93
5.134	29.47	73.41	1.11	5.27	190.67	1.14	45.93
5.153	29.47	73.41	1.3	5.27	184.24	1.11	45.93
5.172	29.47	73.42	1.41	5.26	181.02	1.13	45.93
5.192	29.47	73.42	1.14	5.26	175.97	1.53	45.93
5.22	29.47	73.42	1.11	5.25	186.47	1.27	45.93
5.249	29.47	73.42	1.26	5.24	177.36	1.18	45.93
5.273	29.47	73.42	1.3	5.26	174.03	1.21	45.93
5.288	29.47	73.42	1.11	5.26	171.94	1.12	45.93
5.303	29.47	73.42	1.18	5.27	172.02	1.14	45.93
5.323	29.47	73.42	1.26	5.26	165.18	1.14	45.93
5.346	29.47	73.42	1.18	5.24	168.86	1.2	45.93
5.366	29.47	73.42	1.26	5.24	163.39	1.15	45.93
5.382	29.47	73.42	1.22	5.24	167.11	1.21	45.93
5.405	29.47	73.42	1.41	5.24	162.98	1.17	45.93
5.433	29.47	73.43	1.22	5.23	163.47	1.07	45.93
5.46	29.48	73.43	1.49	5.22	162.64	1.02	45.93
5.482	29.48	73.43	1.3	5.22	162.6	1.09	45.93
5.5	29.48	73.43	1.3	5.21	163.92	1.02	45.93
5.518	29.48	73.43	1.26	5.21	159.72	1.06	45.93
5.539	29.48	73.43	1.37	5.21	157.92	1.08	45.93
5.559	29.48	73.43	1.26	5.21	153.69	1.14	45.93
5.574	29.48	73.42	1.11	5.22	154.23	1.12	45.93

5.592	29.48	73.42	1.22	5.22	155.88	1.12	45.93
5.618	29.47	73.42	1.3	5.22	152.56	1.3	45.93
5.648	29.47	73.42	1.37	5.22	149.24	1.13	45.93
5.671	29.47	73.42	1.45	5.22	152.66	1.06	45.93
5.686	29.47	73.42	1.34	5.22	156.83	1.03	45.93
5.703	29.47	73.42	1.3	5.23	151.64	1.11	45.93
5.726	29.47	73.42	1.14	5.24	147.55	1.11	45.93
5.746	29.47	73.42	1.26	5.24	149.13	1.09	45.93
5.761	29.47	73.42	1.07	5.24	147.21	1.12	45.93
5.781	29.47	73.42	1.26	5.25	147.55	1.02	45.93
5.8	29.47	73.42	1.03	5.25	141.88	1.09	45.93
5.819	29.47	73.42	1.18	5.25	144.64	1.08	45.93
5.835	29.47	73.42	1.11	5.26	147.38	1.1	45.93
5.853	29.47	73.42	1.3	5.24	142.77	1.14	45.93
5.881	29.47	73.42	1.18	5.24	139.7	1.11	45.93
5.908	29.47	73.42	1.37	5.23	139.83	1.02	45.93
5.918	29.47	73.42	1.22	5.24	144.4	1.02	45.93
5.93	29.47	73.42	1.14	5.24	141.29	1.07	45.93
5.948	29.47	73.42	1.3	5.25	137.77	1.17	45.93
5.965	29.47	73.42	1.18	5.26	137.04	1.04	45.93
5.977	29.47	73.42	1.3	5.26	137.8	1.08	45.93
5.991	29.47	73.42	1.34	5.27	136.37	1.12	45.93
6.011	29.47	73.42	1.26	5.27	133.52	1.11	45.93
6.032	29.47	73.42	1.34	5.26	133.93	1.09	45.93
6.053	29.47	73.42	1.37	5.25	133.99	1.05	45.93
6.073	29.47	73.42	1.26	5.25	133.4	1.19	45.93
6.093	29.47	73.42	1.18	5.24	130.22	1.12	45.93
6.114	29.47	73.42	1.34	5.24	129.98	1.18	45.93
6.134	29.47	73.42	1.14	5.25	129.23	1.19	45.93
6.147	29.47	73.42	1.26	5.25	128.19	1.07	45.93
6.156	29.47	73.42	1.22	5.25	128.28	1.05	45.93
6.174	29.47	73.42	1.26	5.25	128.13	1.08	45.93
6.198	29.47	73.42	1.18	5.26	126.71	1.21	45.93
6.22	29.47	73.42	1.34	5.26	126.18	1.17	45.93
6.241	29.47	73.42	1.64	5.26	126.56	1.05	45.93
6.266	29.47	73.42	1.14	5.25	125.25	1.13	45.93
6.289	29.47	73.42	1.03	5.25	124.04	1.13	45.93
6.303	29.47	73.43	1.18	5.25	123.26	1.11	45.94
6.311	29.47	73.43	1.26	5.25	123.21	1.08	45.93
6.328	29.48	73.43	1.14	5.25	120.86	1.1	45.93
6.342	29.48	73.43	1.22	5.26	120.19	1.1	45.93
6.345	29.48	73.43	1.18	5.26	121.34	1.0	45.93
6.347	29.48	73.43	1.3	5.26	119.88	1.02	45.93
6.348	29.48	73.43	1.26	5.26	121.98	1.1	45.93

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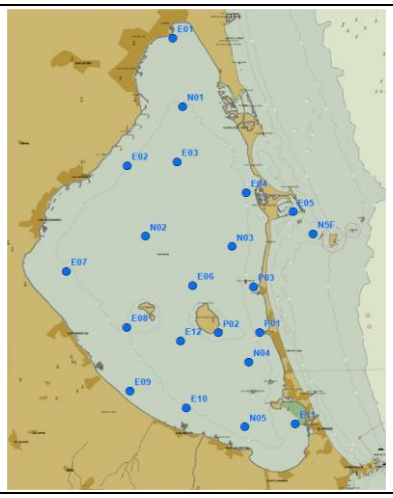
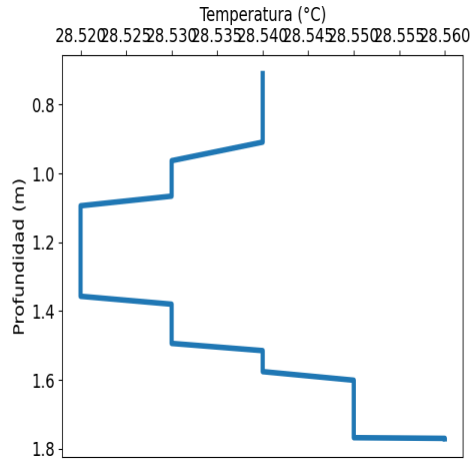
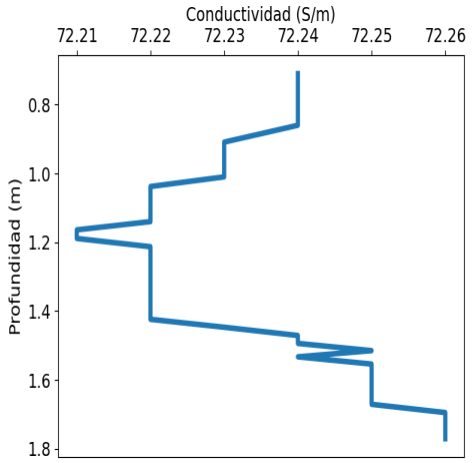
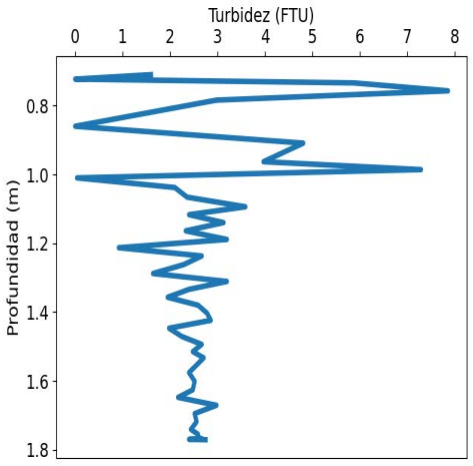
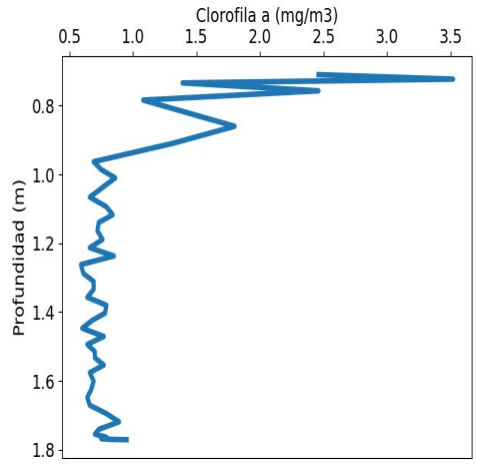
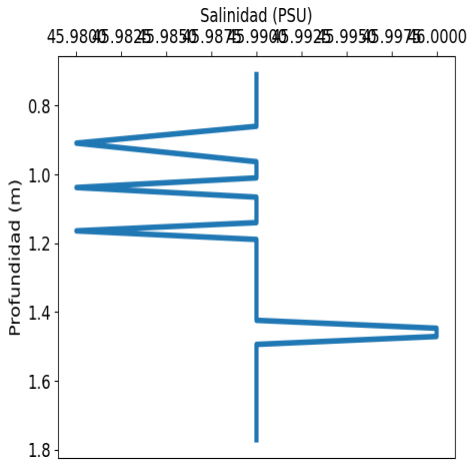


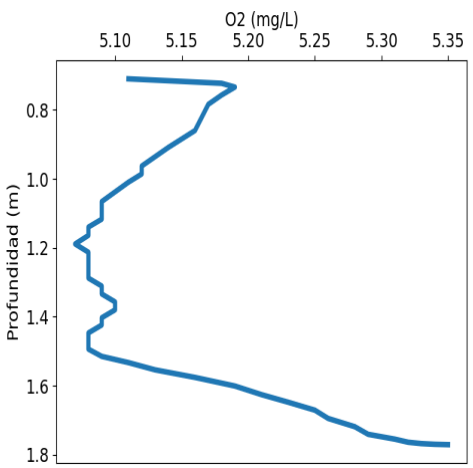


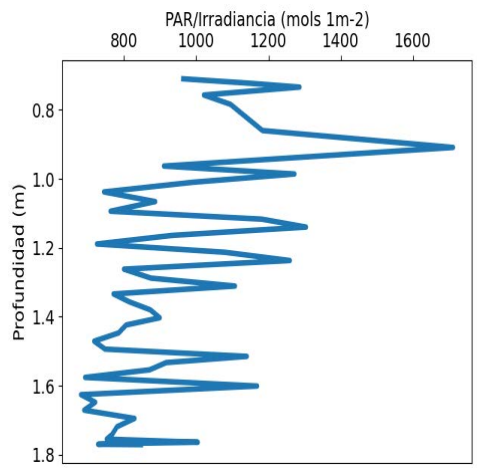












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.52	72.21	0.0	5.07	680.91	0.59	45.98
PROF (metros)	1.094	1.164	0.723	1.189	1.626	1.262	0.909
MÁXIMO	28.56	28.56	7.86	5.35	1710.8	3.52	46.0
PROF (metros)	1.77	1.695	0.757	1.771	0.909	0.723	1.447

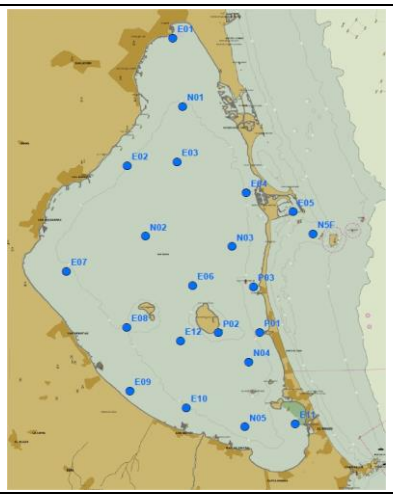
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	28.54	72.24	4.91	5.15	1179.82	1.45	45.99
1 - 2m	28.54	72.24	2.44	5.15	876.4	0.73	45.99

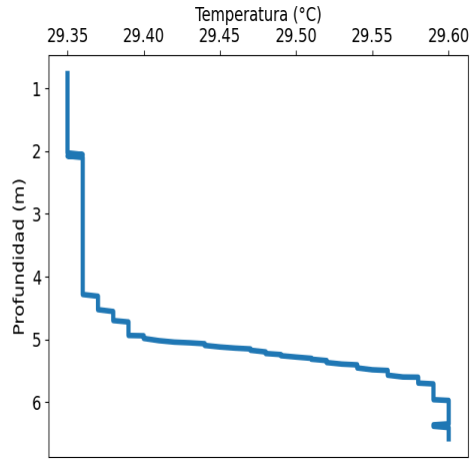
OBSERVACIONES GENERALES

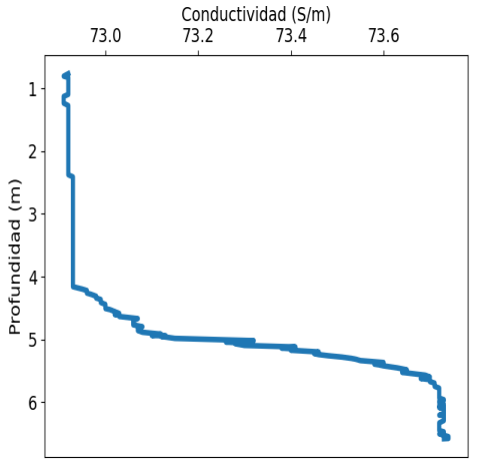
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	28.54	72.24	1.6	5.11	964.0	2.46	45.99
0.723	28.54	72.24	0.0	5.18	1150.8	3.52	45.99
0.734	28.54	72.24	5.88	5.19	1285.9	1.39	45.99
0.757	28.54	72.24	7.86	5.18	1021.0	2.46	45.99
0.784	28.54	72.24	2.98	5.17	1094.8	1.08	45.99
0.86	28.54	72.24	0.0	5.16	1183.2	1.8	45.99
0.909	28.54	72.23	4.81	5.14	1710.8	1.32	45.98
0.963	28.53	72.23	3.97	5.12	910.36	0.69	45.99
0.986	28.53	72.23	7.29	5.12	1271.9	0.75	45.99
1.01	28.53	72.23	0.04	5.11	990.73	0.86	45.99
1.038	28.53	72.22	2.1	5.1	744.64	0.76	45.98
1.066	28.53	72.22	2.36	5.09	886.63	0.66	45.99
1.094	28.52	72.22	3.59	5.09	762.63	0.79	45.99
1.117	28.52	72.22	2.4	5.09	1181.6	0.84	45.99
1.14	28.52	72.22	3.13	5.08	1303.9	0.73	45.99
1.164	28.52	72.21	2.33	5.08	934.52	0.72	45.98
1.189	28.52	72.21	3.2	5.07	725.05	0.76	45.99
1.213	28.52	72.22	0.92	5.08	1078.9	0.66	45.99
1.237	28.52	72.22	2.67	5.08	1259.0	0.85	45.99
1.262	28.52	72.22	2.29	5.08	799.74	0.59	45.99
1.288	28.52	72.22	1.64	5.08	874.58	0.61	45.99
1.311	28.52	72.22	3.2	5.09	1107.3	0.69	45.99
1.334	28.52	72.22	2.4	5.09	770.98	0.69	45.99
1.357	28.52	72.22	1.95	5.1	815.27	0.64	45.99
1.38	28.53	72.22	2.59	5.1	872.76	0.79	45.99
1.403	28.53	72.22	2.78	5.09	899.04	0.78	45.99
1.424	28.53	72.22	2.86	5.09	806.06	0.68	45.99
1.447	28.53	72.23	1.98	5.08	785.23	0.6	46.0
1.471	28.53	72.24	2.25	5.08	717.36	0.77	46.0
1.494	28.53	72.24	2.67	5.08	747.92	0.64	45.99
1.515	28.54	72.25	2.48	5.09	1140.1	0.7	45.99
1.533	28.54	72.24	2.71	5.11	916.93	0.7	45.99
1.554	28.54	72.25	2.56	5.13	870.94	0.77	45.99
1.576	28.54	72.25	2.4	5.16	692.21	0.66	45.99
1.601	28.55	72.25	2.52	5.19	1168.5	0.69	45.99
1.626	28.55	72.25	2.48	5.21	680.91	0.67	45.99
1.648	28.55	72.25	2.17	5.23	720.69	0.64	45.99
1.671	28.55	72.25	2.98	5.25	689.81	0.66	45.99
1.695	28.55	72.26	2.52	5.26	829.37	0.79	45.99
1.719	28.55	72.26	2.56	5.28	780.87	0.89	45.99

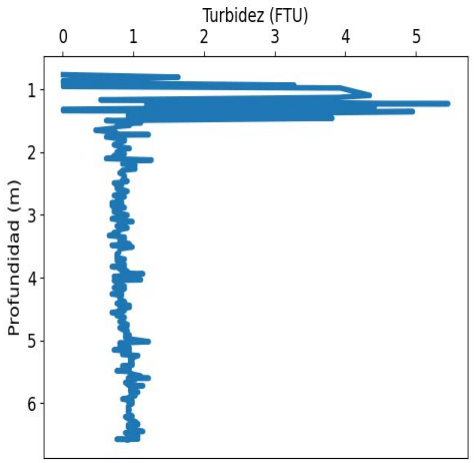
1.741	28.55	72.26	2.44	5.29	767.59	0.73	45.99
1.755	28.55	72.26	2.59	5.31	752.09	0.7	45.99
1.764	28.55	72.26	2.59	5.32	1004.4	0.79	45.99
1.768	28.55	72.26	2.67	5.33	773.31	0.75	45.99
1.77	28.56	72.26	2.4	5.34	728.25	0.83	45.99
1.771	28.56	72.26	2.75	5.35	847.05	0.95	45.99

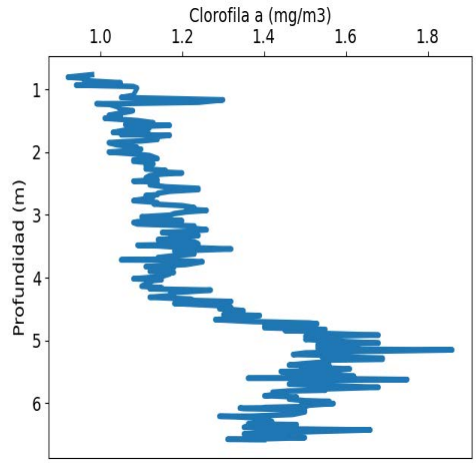
Nombre: CTD E06 - Punto 012 **Fecha: 27/08/2024** **Hora: 09:08:21**

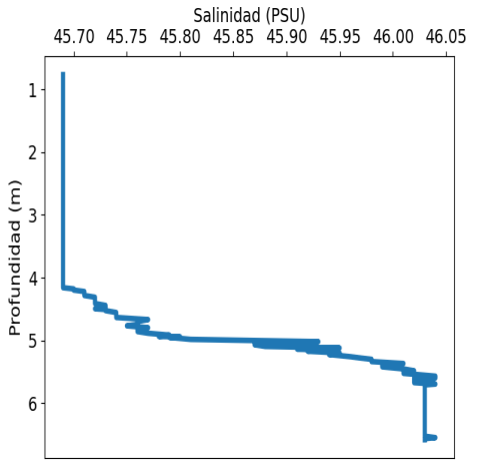


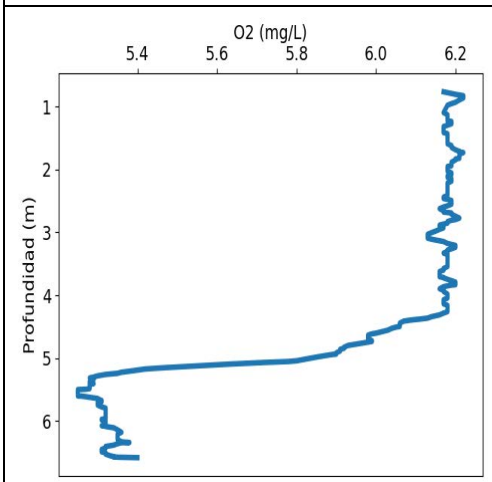


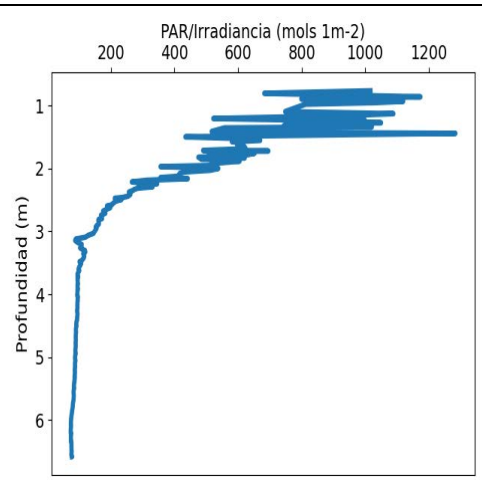












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.35	72.91	0.0	5.25	73.72	0.92	45.69
PROF (metros)	0.761	0.801	0.761	5.503	6.184	0.801	0.761
MÁXIMO	29.6	29.6	5.46	6.22	1283.5	1.86	46.04
PROF (metros)	5.976	6.554	1.225	0.823	1.438	5.154	5.573

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	29.35	72.92	2.47	6.2	873.17	0.98	45.69
1 - 2m	29.35	72.92	1.63	6.19	669.86	1.08	45.69
2 - 3m	29.36	72.93	0.83	6.18	251.71	1.14	45.69
3 - 4m	29.36	72.93	0.82	6.17	104.89	1.17	45.69
4 - 5m	29.38	73.01	0.85	6.05	92.0	1.32	45.74
5 - 6m	29.54	73.59	0.95	5.36	83.37	1.54	45.99
6 - 7m	29.6	73.73	0.96	5.34	75.65	1.42	46.03

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)
0.761	29.35	72.92	0.0	6.17	1016.3	0.98	45.69
0.801	29.35	72.91	1.64	6.2	682.17	0.92	45.69
0.823	29.35	72.92	1.03	6.22	879.05	0.97	45.69
0.857	29.35	72.92	0.0	6.22	1173.6	0.96	45.69
0.89	29.35	72.92	0.0	6.21	798.62	1.05	45.69
0.928	29.35	72.92	3.28	6.2	1119.4	0.94	45.69
0.949	29.35	72.92	0.0	6.19	1031.3	1.08	45.69
0.974	29.35	72.92	3.93	6.18	812.06	1.09	45.69
1.092	29.35	72.92	4.35	6.17	747.92	1.08	45.69
1.125	29.35	72.91	3.89	6.18	1088.5	1.05	45.69
1.163	29.35	72.91	0.53	6.18	890.95	1.3	45.69
1.202	29.35	72.91	3.24	6.18	521.84	1.24	45.69
1.223	29.35	72.91	4.54	6.18	748.1	1.05	45.69
1.225	29.35	72.91	5.46	6.18	998.57	0.99	45.69
1.232	29.35	72.91	1.18	6.19	841.18	1.02	45.69
1.27	29.35	72.92	4.42	6.19	1049.6	1.04	45.69
1.314	29.35	72.92	0.0	6.17	743.95	1.05	45.69
1.336	29.35	72.92	0.0	6.17	1020.6	1.08	45.69
1.351	29.35	72.92	4.96	6.17	557.34	1.07	45.69
1.409	29.35	72.92	0.92	6.17	516.78	1.02	45.69
1.428	29.35	72.92	1.87	6.18	873.57	1.05	45.69
1.438	29.35	72.92	0.92	6.18	1283.5	1.04	45.69
1.457	29.35	72.92	3.82	6.18	975.92	1.01	45.69
1.494	29.35	72.92	0.61	6.18	434.22	1.09	45.69
1.529	29.35	72.92	1.11	6.18	667.78	1.13	45.69
1.55	29.35	72.92	0.8	6.18	669.64	1.11	45.69
1.558	29.35	72.92	0.8	6.18	640.49	1.06	45.69
1.57	29.35	72.92	0.95	6.18	580.28	1.17	45.69
1.59	29.35	72.92	0.76	6.18	610.77	1.09	45.69
1.616	29.35	72.92	0.72	6.19	596.64	1.12	45.69
1.647	29.35	72.92	0.46	6.19	619.76	1.06	45.69
1.683	29.35	72.92	0.76	6.2	624.08	1.03	45.69
1.71	29.35	72.92	0.69	6.21	489.84	1.12	45.69
1.719	29.35	72.92	1.22	6.21	695.42	1.05	45.69
1.728	29.35	72.92	0.65	6.22	503.65	1.17	45.69

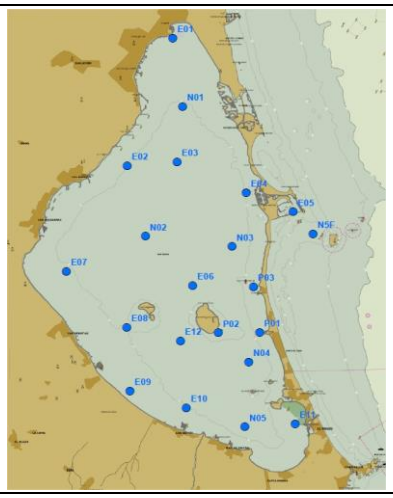
1.755	29.35	72.92	0.61	6.21	651.73	1.13	45.69
1.794	29.35	72.92	0.88	6.21	615.61	1.14	45.69
1.819	29.35	72.92	0.88	6.21	474.97	1.1	45.69
1.83	29.35	72.92	0.84	6.2	620.91	1.06	45.69
1.847	29.35	72.92	0.8	6.2	482.96	1.02	45.69
1.881	29.35	72.92	0.72	6.19	604.86	1.04	45.69
1.919	29.35	72.92	0.84	6.19	515.94	1.09	45.69
1.939	29.35	72.92	0.95	6.19	513.56	1.06	45.69
1.95	29.35	72.92	0.84	6.18	514.03	1.1	45.69
1.968	29.35	72.92	0.84	6.18	355.91	1.09	45.69
1.996	29.35	72.92	0.76	6.18	538.05	1.02	45.69
2.025	29.35	72.92	0.88	6.18	513.56	1.08	45.69
2.052	29.36	72.92	0.72	6.19	433.92	1.12	45.69
2.076	29.35	72.92	0.76	6.19	416.67	1.13	45.69
2.1	29.36	72.92	0.61	6.18	415.51	1.14	45.69
2.123	29.36	72.92	1.26	6.18	407.79	1.08	45.69
2.143	29.36	72.92	0.92	6.19	355.83	1.08	45.69
2.16	29.36	72.92	0.92	6.19	442.14	1.11	45.69
2.185	29.36	72.92	0.84	6.19	313.39	1.13	45.69
2.212	29.36	72.92	1.03	6.18	265.96	1.11	45.69
2.24	29.36	72.92	0.95	6.18	345.91	1.12	45.69
2.266	29.36	72.92	1.03	6.18	287.9	1.11	45.69
2.289	29.36	72.92	0.84	6.18	331.62	1.16	45.69
2.311	29.36	72.92	0.84	6.18	284.85	1.14	45.69
2.33	29.36	72.92	0.8	6.18	274.41	1.2	45.69
2.348	29.36	72.92	0.84	6.18	268.81	1.15	45.69
2.374	29.36	72.92	0.88	6.18	256.58	1.12	45.69
2.409	29.36	72.93	0.88	6.18	261.86	1.11	45.69
2.439	29.36	72.93	0.84	6.17	254.09	1.14	45.69
2.46	29.36	72.93	0.92	6.17	236.15	1.08	45.69
2.473	29.36	72.93	0.88	6.18	212.02	1.13	45.69
2.491	29.36	72.93	0.72	6.19	233.64	1.14	45.69
2.519	29.36	72.93	0.84	6.19	215.59	1.12	45.69
2.551	29.36	72.93	0.76	6.19	207.55	1.16	45.69
2.576	29.36	72.93	0.76	6.18	203.21	1.24	45.69
2.595	29.36	72.93	0.84	6.17	187.77	1.24	45.69
2.622	29.36	72.93	0.92	6.16	198.24	1.17	45.69
2.655	29.36	72.93	0.8	6.17	183.64	1.14	45.69
2.676	29.36	72.93	0.76	6.17	175.52	1.14	45.69
2.69	29.36	72.93	0.72	6.19	178.48	1.11	45.69
2.71	29.36	72.93	0.88	6.19	182.87	1.13	45.69
2.741	29.36	72.93	0.8	6.2	168.98	1.11	45.69
2.772	29.36	72.93	0.76	6.21	171.22	1.08	45.69
2.796	29.36	72.93	0.84	6.2	172.54	1.13	45.69
2.806	29.36	72.93	0.69	6.19	161.96	1.14	45.69
2.827	29.36	72.93	0.84	6.18	160.5	1.13	45.69
2.852	29.36	72.93	0.69	6.18	162.3	1.2	45.69
2.883	29.36	72.93	0.88	6.16	162.49	1.23	45.69
2.907	29.36	72.93	0.72	6.16	155.56	1.21	45.69
2.927	29.36	72.93	0.76	6.17	152.52	1.26	45.69
2.951	29.36	72.93	0.72	6.16	155.16	1.21	45.69
2.979	29.36	72.93	0.84	6.15	151.5	1.18	45.69
3.003	29.36	72.93	0.92	6.14	148.55	1.17	45.69
3.03	29.36	72.93	0.8	6.13	145.34	1.1	45.69
3.062	29.36	72.93	0.69	6.13	129.17	1.13	45.69
3.092	29.36	72.93	0.88	6.13	119.88	1.2	45.69
3.108	29.36	72.93	0.99	6.14	104.05	1.09	45.69
3.121	29.36	72.93	0.8	6.15	89.83	1.08	45.69

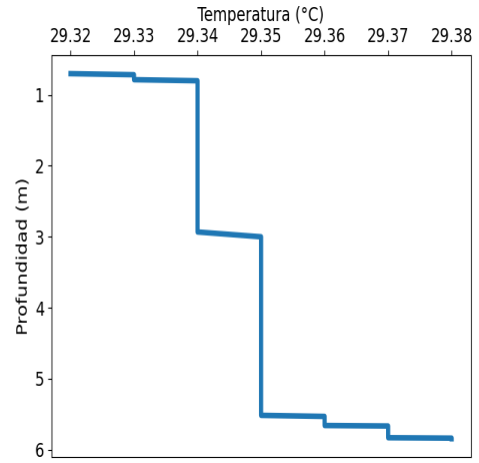
3.145	29.36	72.93	0.88	6.17	87.69	1.09	45.69
3.176	29.36	72.93	0.76	6.18	96.01	1.23	45.69
3.207	29.36	72.93	0.92	6.2	108.56	1.22	45.69
3.237	29.36	72.93	0.8	6.2	107.96	1.26	45.69
3.261	29.36	72.93	0.8	6.19	103.19	1.21	45.69
3.281	29.36	72.93	0.72	6.18	109.17	1.15	45.69
3.304	29.36	72.93	0.72	6.18	119.13	1.22	45.69
3.329	29.36	72.93	0.65	6.17	119.85	1.24	45.69
3.354	29.36	72.93	0.88	6.18	113.11	1.17	45.69
3.373	29.36	72.93	0.8	6.18	114.32	1.18	45.69
3.395	29.36	72.93	0.88	6.18	116.59	1.14	45.69
3.428	29.36	72.93	0.8	6.18	114.24	1.23	45.69
3.464	29.36	72.93	0.95	6.18	108.38	1.24	45.69
3.483	29.36	72.93	0.69	6.18	101.48	1.09	45.69
3.493	29.36	72.93	0.8	6.18	105.88	1.14	45.69
3.511	29.36	72.93	0.99	6.18	106.74	1.18	45.69
3.543	29.36	72.93	0.8	6.18	103.64	1.32	45.69
3.575	29.36	72.93	0.8	6.17	99.55	1.18	45.69
3.6	29.36	72.93	0.8	6.17	98.42	1.23	45.69
3.623	29.36	72.93	0.76	6.16	101.06	1.23	45.69
3.65	29.36	72.93	0.76	6.16	97.72	1.18	45.69
3.68	29.36	72.93	0.76	6.16	95.15	1.14	45.69
3.706	29.36	72.93	0.88	6.16	95.41	1.14	45.69
3.717	29.36	72.93	0.8	6.17	95.79	1.05	45.69
3.724	29.36	72.93	0.76	6.17	97.47	1.17	45.69
3.747	29.36	72.93	0.84	6.18	95.21	1.25	45.69
3.791	29.36	72.93	0.88	6.2	95.7	1.21	45.69
3.825	29.36	72.93	0.69	6.2	96.19	1.11	45.69
3.833	29.36	72.93	0.72	6.2	96.57	1.14	45.69
3.839	29.36	72.93	0.88	6.19	95.46	1.18	45.69
3.864	29.36	72.93	0.8	6.17	95.24	1.14	45.69
3.898	29.36	72.93	0.92	6.16	95.74	1.12	45.69
3.918	29.36	72.93	0.84	6.17	95.3	1.18	45.69
3.924	29.36	72.93	0.84	6.17	96.37	1.17	45.69
3.94	29.36	72.93	1.14	6.17	95.24	1.17	45.69
3.982	29.36	72.93	0.72	6.18	94.95	1.15	45.69
4.019	29.36	72.93	0.88	6.18	94.2	1.08	45.69
4.035	29.36	72.93	1.11	6.18	96.37	1.15	45.69
4.046	29.36	72.93	0.72	6.18	96.7	1.13	45.69
4.073	29.36	72.93	0.76	6.17	95.52	1.12	45.69
4.108	29.36	72.93	0.76	6.17	95.88	1.11	45.69
4.138	29.36	72.93	0.88	6.17	94.75	1.1	45.69
4.161	29.36	72.93	0.72	6.18	95.15	1.15	45.69
4.18	29.36	72.94	0.88	6.18	94.84	1.12	45.7
4.199	29.36	72.95	0.8	6.18	95.04	1.27	45.7
4.222	29.36	72.96	0.76	6.18	94.71	1.22	45.71
4.242	29.36	72.96	0.84	6.18	94.64	1.17	45.71
4.262	29.36	72.96	0.69	6.18	93.86	1.17	45.71
4.285	29.36	72.97	0.84	6.17	94.42	1.18	45.71
4.313	29.37	72.98	0.8	6.16	95.39	1.12	45.72
4.342	29.37	72.98	0.8	6.14	94.66	1.22	45.72
4.365	29.37	72.99	0.84	6.13	93.96	1.23	45.72
4.381	29.37	72.99	0.88	6.11	93.94	1.32	45.72
4.394	29.37	72.99	0.84	6.09	94.34	1.28	45.72
4.413	29.37	72.99	0.76	6.07	93.86	1.18	45.72
4.444	29.37	73.0	0.95	6.06	91.54	1.28	45.73
4.475	29.37	73.0	0.95	6.06	91.56	1.32	45.73
4.497	29.37	73.0	0.8	6.06	91.22	1.29	45.72

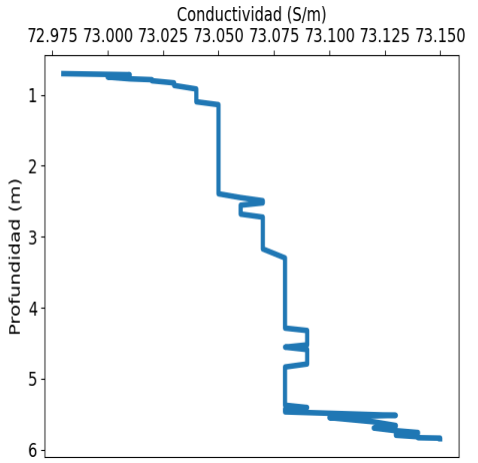
4.509	29.37	73.0	0.8	6.05	92.15	1.32	45.73
4.527	29.37	73.01	0.88	6.04	90.92	1.35	45.73
4.557	29.38	73.02	0.69	6.03	90.1	1.34	45.74
4.588	29.38	73.03	0.84	6.01	90.29	1.3	45.74
4.605	29.38	73.02	0.76	6.0	90.9	1.39	45.74
4.615	29.38	73.03	0.84	5.99	90.58	1.37	45.74
4.636	29.38	73.03	0.88	5.98	89.85	1.35	45.74
4.67	29.38	73.07	0.84	5.98	89.77	1.28	45.77
4.701	29.38	73.06	0.8	5.98	89.67	1.37	45.76
4.724	29.39	73.06	0.88	5.99	90.04	1.51	45.76
4.736	29.39	73.06	0.84	5.99	90.0	1.53	45.76
4.747	29.39	73.06	0.92	5.98	89.94	1.43	45.76
4.769	29.39	73.06	0.92	5.96	88.98	1.4	45.75
4.8	29.39	73.08	0.8	5.93	89.6	1.4	45.77
4.827	29.39	73.07	0.84	5.92	89.73	1.55	45.76
4.845	29.39	73.07	0.92	5.92	89.36	1.45	45.76
4.861	29.39	73.07	0.92	5.91	88.94	1.54	45.76
4.888	29.39	73.08	0.88	5.91	88.47	1.53	45.77
4.918	29.39	73.12	0.95	5.9	88.57	1.68	45.79
4.939	29.39	73.1	0.88	5.9	89.4	1.5	45.78
4.944	29.4	73.13	0.88	5.89	89.85	1.56	45.8
4.954	29.4	73.12	0.88	5.88	88.61	1.53	45.79
4.986	29.4	73.15	0.99	5.85	87.73	1.5	45.81
5.022	29.41	73.32	1.22	5.82	87.39	1.6	45.93
5.045	29.42	73.26	0.8	5.8	88.22	1.68	45.87
5.056	29.43	73.29	0.92	5.78	88.92	1.55	45.88
5.071	29.44	73.28	0.84	5.72	88.14	1.53	45.87
5.098	29.44	73.3	0.8	5.63	87.17	1.63	45.88
5.123	29.45	73.41	0.95	5.56	87.35	1.53	45.95
5.141	29.46	73.38	0.92	5.51	87.43	1.6	45.91
5.154	29.47	73.41	0.72	5.47	87.55	1.86	45.93
5.175	29.47	73.4	0.95	5.42	87.33	1.66	45.92
5.202	29.48	73.46	0.88	5.39	86.4	1.5	45.95
5.227	29.48	73.45	0.84	5.36	87.23	1.47	45.94
5.244	29.49	73.46	1.07	5.35	86.82	1.6	45.95
5.262	29.49	73.48	1.03	5.32	87.04	1.54	45.96
5.284	29.5	73.51	0.95	5.3	86.38	1.69	45.97
5.304	29.51	73.53	0.95	5.29	86.7	1.69	45.98
5.318	29.51	73.54	0.99	5.28	85.8	1.55	45.98
5.34	29.52	73.55	0.95	5.29	86.66	1.56	45.98
5.371	29.52	73.6	0.99	5.28	85.56	1.5	46.01
5.396	29.53	73.58	0.99	5.28	85.88	1.46	45.99
5.408	29.54	73.59	0.84	5.29	85.01	1.56	45.99
5.424	29.54	73.6	0.88	5.28	84.5	1.49	45.99
5.457	29.54	73.63	0.95	5.28	84.01	1.61	46.01
5.487	29.55	73.65	0.76	5.28	84.01	1.57	46.02
5.498	29.56	73.64	0.92	5.27	84.99	1.44	46.01
5.503	29.56	73.65	0.95	5.25	84.54	1.45	46.01
5.528	29.56	73.64	0.95	5.25	83.22	1.46	46.01
5.573	29.56	73.69	1.11	5.25	82.81	1.62	46.04
5.602	29.57	73.7	0.92	5.25	83.49	1.48	46.04
5.605	29.58	73.69	1.22	5.25	83.82	1.36	46.02
5.607	29.58	73.69	1.03	5.26	83.58	1.5	46.02
5.626	29.58	73.68	1.03	5.28	83.45	1.75	46.02
5.645	29.58	73.7	0.92	5.3	83.26	1.5	46.02
5.653	29.58	73.7	0.99	5.3	83.01	1.53	46.02
5.676	29.58	73.7	0.88	5.31	82.97	1.53	46.02
5.699	29.58	73.71	0.92	5.31	82.28	1.46	46.04

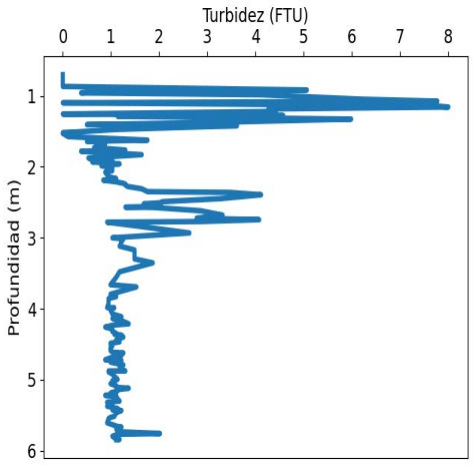
5.712	29.59	73.71	0.92	5.3	81.78	1.5	46.03
5.726	29.59	73.71	1.14	5.3	81.37	1.56	46.03
5.75	29.59	73.71	0.95	5.3	80.6	1.68	46.03
5.78	29.59	73.72	0.99	5.31	80.5	1.53	46.03
5.797	29.59	73.72	0.99	5.32	79.93	1.55	46.03
5.809	29.59	73.72	0.95	5.32	79.8	1.46	46.03
5.829	29.59	73.72	1.07	5.32	79.04	1.42	46.03
5.861	29.59	73.72	0.99	5.32	78.02	1.43	46.03
5.887	29.59	73.72	1.03	5.32	77.61	1.4	46.03
5.888	29.59	73.72	0.95	5.32	77.75	1.42	46.03
5.905	29.59	73.72	0.99	5.32	76.86	1.48	46.03
5.938	29.59	73.72	0.84	5.32	76.34	1.46	46.03
5.964	29.59	73.73	0.99	5.32	75.8	1.5	46.03
5.976	29.6	73.73	0.92	5.31	74.99	1.56	46.03
5.987	29.6	73.72	0.95	5.31	75.01	1.49	46.03
6.009	29.6	73.72	0.99	5.32	74.98	1.57	46.03
6.036	29.6	73.73	0.95	5.32	74.61	1.51	46.03
6.057	29.6	73.72	0.92	5.32	74.34	1.5	46.03
6.072	29.6	73.72	0.92	5.32	74.47	1.4	46.03
6.078	29.6	73.73	0.92	5.31	74.85	1.4	46.03
6.082	29.6	73.73	0.92	5.32	74.7	1.34	46.03
6.091	29.6	73.72	0.92	5.32	74.91	1.35	46.03
6.11	29.6	73.73	0.95	5.34	74.66	1.5	46.03
6.143	29.6	73.73	0.92	5.35	74.47	1.5	46.03
6.184	29.6	73.73	0.95	5.36	73.72	1.47	46.03
6.211	29.6	73.72	0.99	5.35	73.87	1.37	46.03
6.213	29.6	73.73	0.92	5.35	75.39	1.29	46.03
6.22	29.6	73.73	0.88	5.35	75.45	1.33	46.03
6.251	29.6	73.73	0.92	5.35	74.65	1.4	46.03
6.297	29.6	73.73	1.03	5.35	74.46	1.42	46.03
6.335	29.6	73.72	1.07	5.36	74.63	1.36	46.03
6.346	29.6	73.72	1.07	5.38	75.22	1.48	46.03
6.349	29.6	73.72	0.92	5.36	76.04	1.43	46.03
6.365	29.59	73.72	0.95	5.35	75.83	1.46	46.03
6.388	29.59	73.72	0.92	5.34	76.18	1.35	46.03
6.409	29.6	73.72	0.99	5.32	76.01	1.4	46.03
6.431	29.6	73.72	1.03	5.32	76.13	1.66	46.03
6.455	29.6	73.72	1.14	5.31	76.2	1.53	46.03
6.477	29.6	73.73	0.88	5.31	76.41	1.43	46.03
6.495	29.6	73.73	1.03	5.31	76.43	1.35	46.03
6.51	29.6	73.72	0.92	5.32	76.91	1.37	46.03
6.531	29.6	73.73	1.07	5.32	76.2	1.39	46.03
6.554	29.6	73.74	1.03	5.33	76.08	1.5	46.04
6.57	29.6	73.74	0.95	5.34	76.26	1.41	46.03
6.576	29.6	73.74	1.07	5.34	76.82	1.38	46.03
6.58	29.6	73.74	0.76	5.35	77.41	1.31	46.03
6.583	29.6	73.74	0.95	5.37	77.65	1.34	46.03
6.586	29.6	73.73	0.92	5.39	78.46	1.37	46.03
6.587	29.6	73.73	0.92	5.4	77.56	1.4	46.03

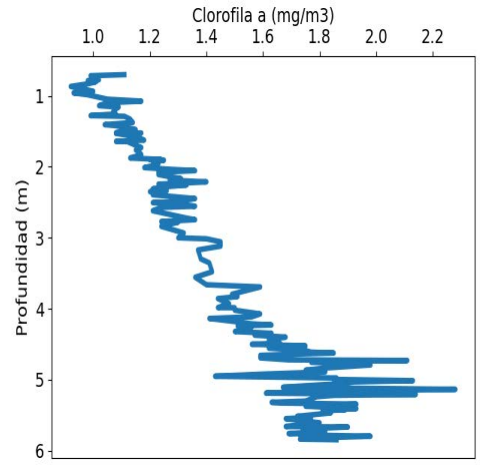
Nombre: CTD E12 - Punto 013 **Fecha: 27/08/2024** **Hora: 09:08:21**

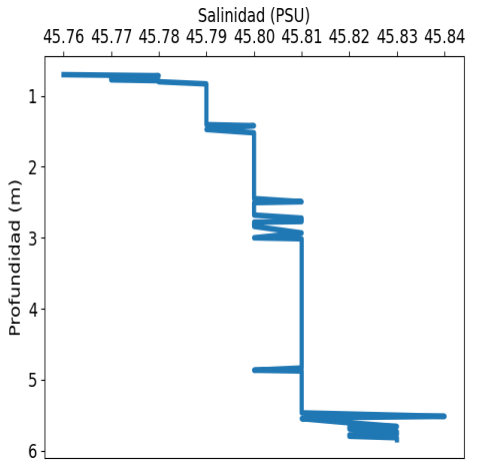


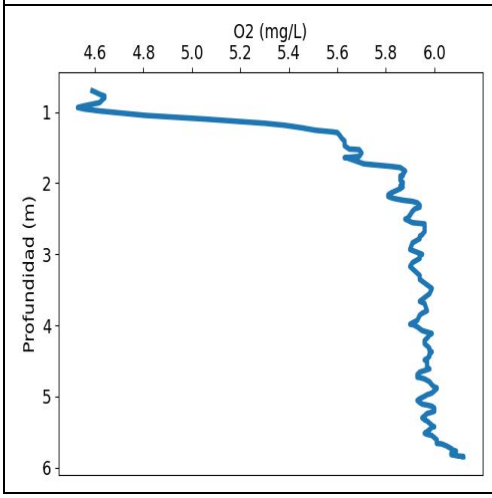


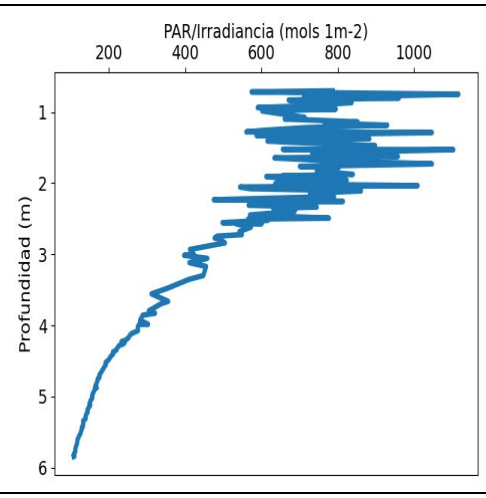


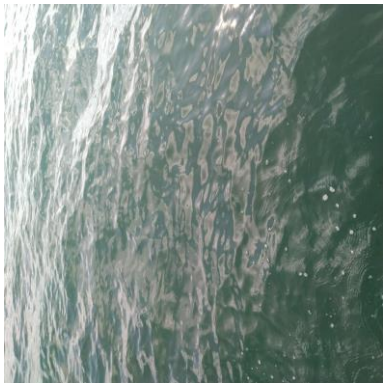












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.32	72.98	0.0	4.53	107.14	0.92	45.76
PROF (metros)	0.702	0.702	0.702	0.937	5.816	0.868	0.702
MÁXIMO	29.38	29.38	8.01	6.12	1116.3	2.28	45.84
PROF (metros)	5.836	5.836	1.158	5.841	0.75	5.135	5.515

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	29.34	73.04	2.57	4.56	669.81	0.97	45.79
1 - 2m	29.34	73.05	2.41	5.62	751.56	1.14	45.79
2 - 3m	29.34	73.06	1.88	5.9	622.79	1.27	45.8
3 - 4m	29.35	73.08	1.2	5.94	360.61	1.43	45.81
4 - 5m	29.35	73.09	1.09	5.97	199.01	1.67	45.81
5 - 6m	29.36	73.1	1.11	6.01	129.22	1.82	45.82

OBSERVACIONES GENERALES

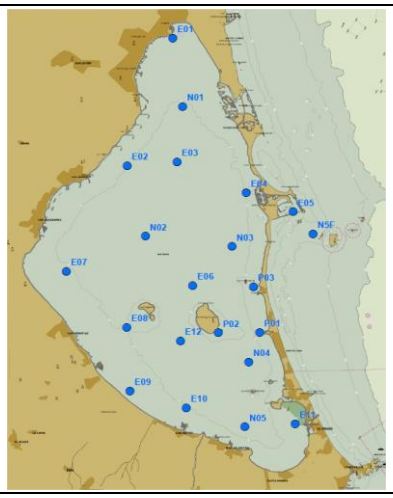
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	29.32	72.98	0.0	4.59	786.5	1.11	45.76
0.717	29.33	73.01	0.0	4.6	573.46	0.99	45.78
0.75	29.33	73.0	0.0	4.62	1116.3	1.01	45.77
0.775	29.33	73.01	0.0	4.64	909.1	1.02	45.77
0.787	29.33	73.02	0.0	4.64	710.74	0.98	45.78
0.802	29.34	73.02	0.0	4.64	960.43	1.01	45.78
0.832	29.34	73.03	0.0	4.63	670.88	0.98	45.79
0.868	29.34	73.03	0.0	4.62	836.13	0.92	45.79
0.918	29.34	73.04	5.07	4.55	693.49	0.98	45.79
0.937	29.34	73.04	0.69	4.53	589.63	1.0	45.79
0.959	29.34	73.04	0.38	4.56	794.75	0.93	45.79
0.985	29.34	73.04	4.12	4.62	601.36	0.98	45.79
1.048	29.34	73.04	6.22	4.81	679.65	1.05	45.79
1.075	29.34	73.04	7.78	4.94	712.89	1.17	45.79
1.098	29.34	73.04	0.0	5.05	660.39	1.05	45.79
1.139	29.34	73.05	7.67	5.22	851.97	1.02	45.79
1.158	29.34	73.05	8.01	5.3	765.28	1.09	45.79
1.185	29.34	73.05	4.27	5.38	929.55	1.08	45.79
1.22	29.34	73.05	4.42	5.45	716.03	1.07	45.79
1.256	29.34	73.05	0.0	5.51	609.93	1.08	45.79
1.279	29.34	73.05	4.58	5.58	559.8	0.99	45.79
1.289	29.34	73.05	1.14	5.6	1046.7	1.11	45.79
1.328	29.34	73.05	5.99	5.61	586.36	1.13	45.79
1.376	29.34	73.05	3.05	5.62	882.73	1.14	45.79
1.406	29.34	73.05	0.5	5.63	615.04	1.04	45.79
1.421	29.34	73.05	3.62	5.63	660.85	1.08	45.8
1.474	29.34	73.05	1.11	5.63	897.79	1.15	45.79
1.521	29.34	73.05	0.0	5.65	808.87	1.08	45.8
1.524	29.34	73.05	0.34	5.67	655.51	1.17	45.8
1.529	29.34	73.05	0.0	5.69	1103.0	1.08	45.8
1.575	29.34	73.05	0.11	5.7	732.65	1.15	45.8
1.624	29.34	73.05	1.76	5.69	957.77	1.18	45.8
1.642	29.34	73.05	0.5	5.63	665.46	1.08	45.8
1.645	29.34	73.05	0.72	5.64	633.41	1.12	45.8
1.68	29.34	73.05	0.88	5.67	759.45	1.14	45.8
1.729	29.34	73.05	0.65	5.71	1046.9	1.17	45.8

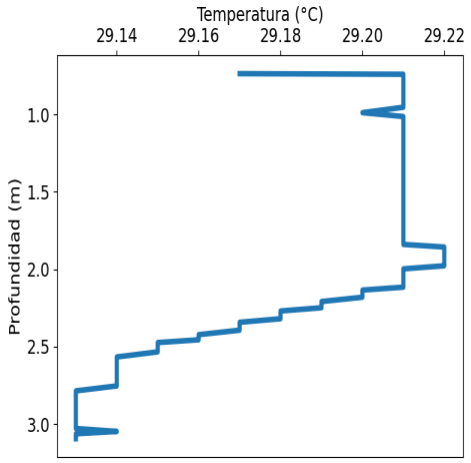
1.764	29.34	73.05	1.3	5.82	700.11	1.15	45.8
1.781	29.34	73.05	0.38	5.86	802.34	1.16	45.8
1.829	29.34	73.05	1.64	5.88	744.81	1.17	45.8
1.876	29.34	73.05	0.53	5.87	839.43	1.13	45.8
1.897	29.34	73.05	0.65	5.87	654.91	1.24	45.8
1.898	29.34	73.05	1.03	5.86	715.53	1.2	45.8
1.907	29.34	73.05	0.95	5.86	612.19	1.25	45.8
1.931	29.34	73.05	0.61	5.86	654.15	1.21	45.8
1.959	29.34	73.05	1.18	5.86	823.44	1.23	45.8
1.985	29.34	73.05	0.8	5.87	644.22	1.21	45.8
2.011	29.34	73.05	1.03	5.87	635.32	1.18	45.8
2.035	29.34	73.05	0.92	5.86	1009.3	1.27	45.8
2.054	29.34	73.05	1.03	5.87	543.44	1.36	45.8
2.077	29.34	73.05	0.88	5.86	570.41	1.23	45.8
2.109	29.34	73.05	0.92	5.84	860.91	1.23	45.8
2.14	29.34	73.05	0.95	5.82	726.56	1.27	45.8
2.165	29.34	73.05	1.11	5.81	734.35	1.31	45.8
2.188	29.34	73.05	0.84	5.81	790.34	1.27	45.8
2.212	29.34	73.05	1.11	5.83	624.23	1.4	45.8
2.233	29.34	73.05	1.26	5.86	474.42	1.3	45.8
2.244	29.34	73.05	1.3	5.88	689.97	1.23	45.8
2.256	29.34	73.05	1.3	5.91	813.57	1.33	45.8
2.276	29.34	73.05	1.34	5.93	579.47	1.27	45.8
2.31	29.34	73.05	1.64	5.94	565.8	1.21	45.8
2.336	29.34	73.05	1.72	5.94	744.81	1.26	45.8
2.35	29.34	73.05	1.76	5.93	629.9	1.2	45.8
2.361	29.34	73.05	3.47	5.92	689.01	1.21	45.8
2.394	29.34	73.05	4.12	5.91	686.93	1.21	45.8
2.448	29.34	73.06	3.28	5.9	569.22	1.36	45.8
2.492	29.34	73.07	2.06	5.89	776.72	1.29	45.81
2.505	29.34	73.07	2.06	5.88	564.36	1.21	45.8
2.522	29.34	73.07	1.68	5.89	616.61	1.3	45.8
2.555	29.34	73.06	2.02	5.91	497.27	1.36	45.8
2.568	29.34	73.06	1.3	5.95	600.53	1.27	45.8
2.572	29.34	73.06	1.87	5.96	533.82	1.24	45.8
2.619	29.34	73.06	2.86	5.96	571.86	1.21	45.8
2.68	29.34	73.06	3.32	5.96	541.68	1.28	45.8
2.723	29.34	73.07	2.78	5.95	548.37	1.33	45.81
2.745	29.34	73.07	4.08	5.94	483.3	1.36	45.81
2.771	29.34	73.07	2.86	5.94	476.62	1.24	45.81
2.78	29.34	73.07	0.92	5.94	487.12	1.3	45.8
2.839	29.34	73.07	1.6	5.91	503.89	1.24	45.8
2.932	29.34	73.07	2.63	5.9	411.97	1.32	45.81
3.0	29.35	73.07	1.03	5.95	422.6	1.3	45.8
3.014	29.35	73.07	1.26	5.94	396.69	1.4	45.81
3.057	29.35	73.07	1.22	5.94	457.89	1.45	45.81
3.117	29.35	73.07	1.18	5.91	410.54	1.45	45.81
3.171	29.35	73.07	1.49	5.9	454.51	1.37	45.81
3.298	29.35	73.08	1.49	5.94	447.3	1.38	45.81
3.353	29.35	73.08	1.87	5.94	409.4	1.41	45.81
3.479	29.35	73.08	1.18	5.99	352.3	1.42	45.81
3.556	29.35	73.08	1.11	5.98	311.15	1.36	45.81
3.661	29.35	73.08	0.99	5.94	355.09	1.4	45.81
3.692	29.35	73.08	1.53	5.96	337.36	1.59	45.81
3.795	29.35	73.08	0.99	5.97	304.16	1.49	45.81
3.828	29.35	73.08	1.11	5.95	320.74	1.51	45.81
3.856	29.35	73.08	0.95	5.94	288.1	1.44	45.81
3.927	29.35	73.08	0.95	5.93	281.37	1.48	45.81

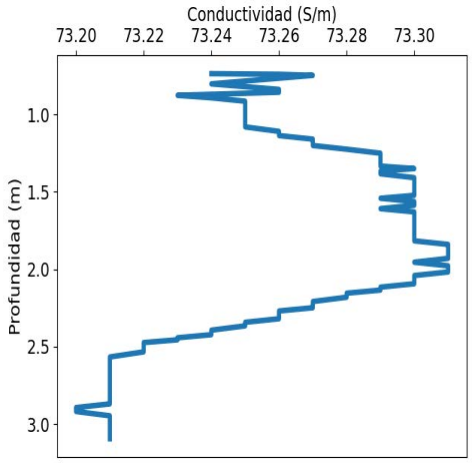
3.983	29.35	73.08	0.92	5.9	302.47	1.44	45.81
3.985	29.35	73.08	1.07	5.91	278.71	1.5	45.81
4.02	29.35	73.08	0.99	5.93	275.18	1.5	45.81
4.072	29.35	73.08	1.03	5.95	276.01	1.59	45.81
4.113	29.35	73.08	1.22	5.99	259.57	1.56	45.81
4.136	29.35	73.08	1.03	5.98	254.62	1.41	45.81
4.179	29.35	73.08	1.26	5.97	249.94	1.5	45.81
4.212	29.35	73.08	1.37	5.96	241.29	1.56	45.81
4.228	29.35	73.08	1.07	5.96	232.29	1.63	45.81
4.239	29.35	73.08	0.99	5.96	241.18	1.51	45.81
4.257	29.35	73.08	0.88	5.96	237.85	1.56	45.81
4.286	29.35	73.08	1.03	5.97	225.45	1.53	45.81
4.32	29.35	73.09	1.03	5.98	221.31	1.5	45.81
4.345	29.35	73.09	1.11	5.98	219.32	1.63	45.81
4.358	29.35	73.09	1.07	5.98	215.39	1.59	45.81
4.371	29.35	73.09	1.22	5.99	210.06	1.57	45.81
4.399	29.35	73.09	1.26	5.98	210.99	1.68	45.81
4.435	29.35	73.09	1.11	5.98	204.25	1.62	45.81
4.466	29.35	73.09	1.18	5.97	201.06	1.65	45.81
4.485	29.35	73.09	0.99	5.96	198.42	1.66	45.81
4.499	29.35	73.09	0.99	5.97	195.45	1.56	45.81
4.522	29.35	73.09	1.03	5.97	190.67	1.75	45.81
4.554	29.35	73.08	0.99	5.97	191.37	1.62	45.81
4.588	29.35	73.09	0.99	5.97	186.73	1.75	45.81
4.611	29.35	73.09	1.03	5.98	184.79	1.77	45.81
4.623	29.35	73.09	1.26	5.97	183.17	1.85	45.81
4.634	29.35	73.09	1.18	5.96	181.57	1.75	45.81
4.656	29.35	73.09	1.22	5.94	179.81	1.59	45.81
4.691	29.35	73.09	0.99	5.93	174.83	1.59	45.81
4.719	29.35	73.09	0.88	5.93	174.71	1.69	45.81
4.728	29.35	73.09	1.22	5.93	173.42	2.11	45.81
4.732	29.35	73.09	1.03	5.94	174.43	1.83	45.81
4.752	29.35	73.09	0.99	5.96	170.24	1.77	45.81
4.791	29.35	73.09	1.26	5.98	168.74	1.98	45.81
4.834	29.35	73.08	1.18	5.99	165.53	1.82	45.81
4.865	29.35	73.08	1.18	6.0	163.05	1.75	45.8
4.875	29.35	73.08	1.3	6.01	164.88	1.79	45.81
4.876	29.35	73.08	0.95	6.01	167.92	1.82	45.81
4.889	29.35	73.08	0.95	6.01	163.73	1.82	45.81
4.92	29.35	73.08	1.03	6.0	160.58	1.6	45.81
4.95	29.35	73.08	1.07	5.99	158.1	1.43	45.81
4.975	29.35	73.08	1.11	5.97	156.06	1.86	45.81
4.995	29.35	73.08	1.14	5.96	155.34	1.85	45.81
5.012	29.35	73.08	1.03	5.95	156.32	2.13	45.81
5.03	29.35	73.08	1.07	5.94	155.05	1.92	45.81
5.055	29.35	73.08	0.99	5.93	151.33	1.87	45.81
5.084	29.35	73.08	1.11	5.94	149.72	1.75	45.81
5.106	29.35	73.08	1.11	5.95	148.31	1.67	45.81
5.119	29.35	73.08	1.37	5.97	150.94	1.92	45.81
5.135	29.35	73.08	1.18	5.99	149.37	2.28	45.81
5.161	29.35	73.08	1.11	6.0	145.68	1.79	45.81
5.188	29.35	73.08	0.99	6.0	143.11	1.61	45.81
5.206	29.35	73.08	1.11	6.0	142.81	2.14	45.81
5.219	29.35	73.08	0.88	5.99	143.94	1.85	45.81
5.238	29.35	73.08	1.11	5.97	141.19	1.79	45.81
5.27	29.35	73.08	1.14	5.96	138.57	1.77	45.81
5.3	29.35	73.08	1.18	5.95	138.92	1.75	45.81
5.317	29.35	73.08	0.92	5.96	138.02	1.63	45.81

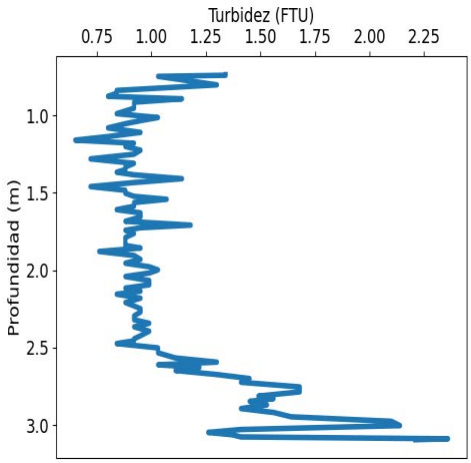
5.327	29.35	73.08	1.03	5.96	134.77	1.66	45.81
5.343	29.35	73.08	0.99	5.97	131.8	1.93	45.81
5.372	29.35	73.08	0.92	5.98	132.29	1.75	45.81
5.405	29.35	73.09	1.14	5.99	131.95	1.93	45.81
5.424	29.35	73.08	1.03	6.0	131.25	1.82	45.81
5.425	29.35	73.08	1.14	5.99	128.87	1.89	45.81
5.433	29.35	73.08	1.22	5.99	128.48	1.81	45.81
5.466	29.35	73.08	1.11	5.98	127.95	1.84	45.81
5.515	29.35	73.13	1.07	5.96	125.1	1.72	45.84
5.53	29.36	73.11	0.99	5.97	123.92	1.77	45.82
5.547	29.36	73.1	0.95	5.99	121.9	1.68	45.81
5.606	29.36	73.12	0.92	6.01	117.08	1.8	45.82
5.658	29.36	73.13	1.14	6.01	116.24	1.68	45.83
5.665	29.37	73.13	1.22	6.03	115.97	1.9	45.82
5.693	29.37	73.12	1.11	6.05	113.55	1.74	45.82
5.731	29.37	73.13	1.14	6.07	111.54	1.82	45.83
5.757	29.37	73.14	2.02	6.08	111.31	1.69	45.83
5.767	29.37	73.14	1.22	6.09	111.7	1.81	45.83
5.776	29.37	73.13	1.11	6.08	111.21	1.73	45.82
5.795	29.37	73.13	1.03	6.07	108.71	1.98	45.82
5.816	29.37	73.14	1.07	6.07	107.14	1.81	45.83
5.83	29.37	73.14	1.11	6.09	107.26	1.79	45.83
5.836	29.38	73.15	1.11	6.1	108.99	1.73	45.83
5.841	29.38	73.15	1.18	6.12	109.01	1.81	45.83
5.844	29.38	73.15	1.11	6.12	107.36	1.86	45.83

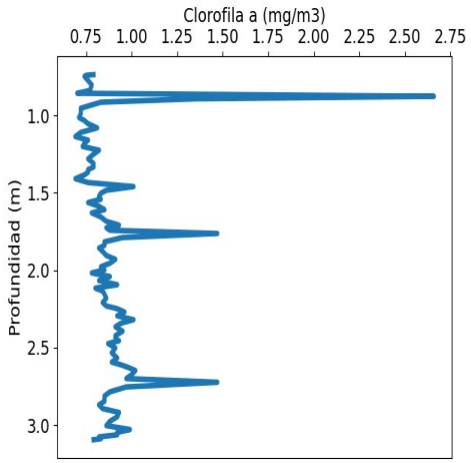
Nombre: CTD P02 - Punto 014 **Fecha: 27/08/2024** **Hora: 10:08:03**

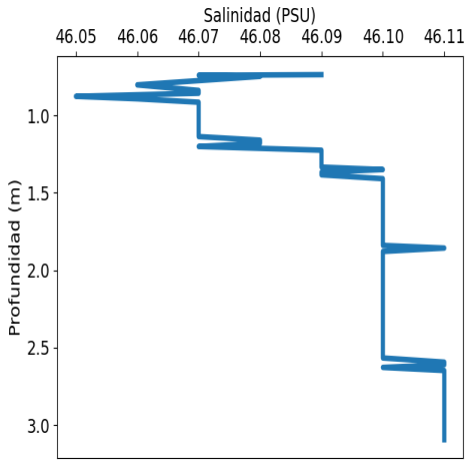


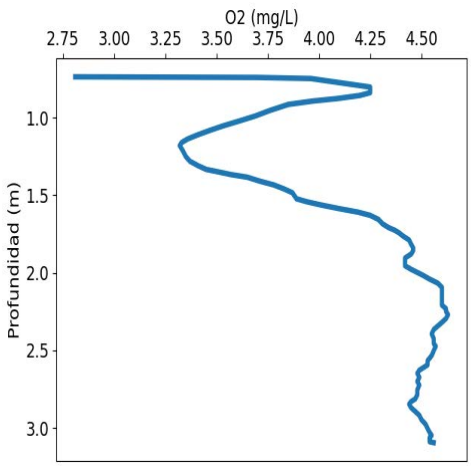


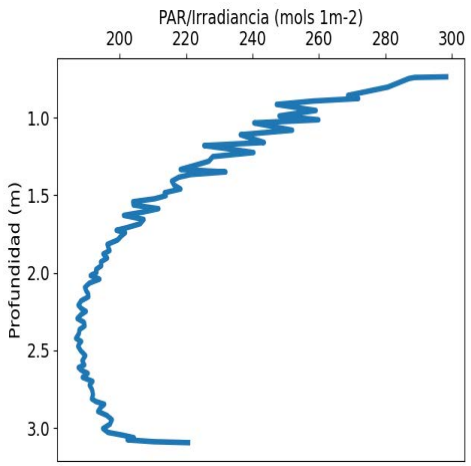












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.13	73.2	0.65	2.81	186.86	0.69	46.05
PROF (metros)	2.786	2.894	1.16	0.737	2.423	1.137	0.877
MÁXIMO	29.22	29.22	2.37	4.63	298.36	2.66	46.11
PROF (metros)	1.857	1.84	3.089	2.27	0.737	0.877	1.857

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	29.21	73.25	1.03	3.86	271.02	0.98	46.07
1 - 2m	29.21	73.29	0.91	3.92	215.28	0.83	46.09
2 - 3m	29.16	73.24	1.16	4.54	190.46	0.91	46.1
3 - 4m	29.13	73.21	1.74	4.54	204.32	0.88	46.11

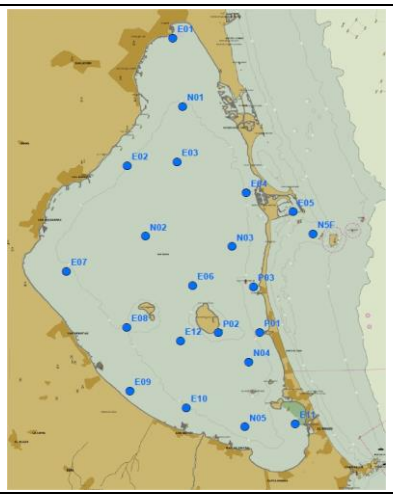
OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m, 1 - 2m con los valores 3.86, 3.92 respectivamente.

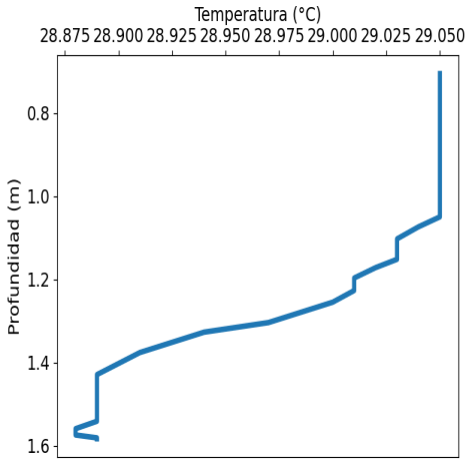
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.737	29.17	73.24	1.34	2.81	298.36	0.79	46.09
0.741	29.21	73.26	1.34	3.7	288.84	0.75	46.07
0.748	29.21	73.27	1.03	3.96	287.1	0.74	46.08
0.803	29.21	73.24	1.3	4.25	280.78	0.78	46.06
0.839	29.21	73.26	0.84	4.25	272.77	0.77	46.07
0.857	29.21	73.26	0.84	4.2	268.75	0.7	46.07
0.877	29.21	73.23	0.8	4.09	271.88	2.66	46.05
0.893	29.21	73.24	1.14	3.97	258.31	1.35	46.06
0.915	29.21	73.25	0.92	3.85	247.29	0.83	46.07
0.954	29.21	73.25	0.92	3.76	259.09	0.72	46.07
0.989	29.2	73.25	0.84	3.69	248.1	0.72	46.07
1.014	29.21	73.25	1.03	3.63	259.87	0.71	46.07
1.034	29.21	73.25	0.95	3.58	240.51	0.74	46.07
1.054	29.21	73.25	0.88	3.53	245.35	0.76	46.07
1.081	29.21	73.25	0.8	3.47	251.98	0.81	46.07
1.11	29.21	73.26	0.95	3.41	236.42	0.72	46.07
1.137	29.21	73.26	0.8	3.36	240.12	0.69	46.07
1.16	29.21	73.27	0.65	3.33	243.48	0.76	46.08
1.18	29.21	73.27	0.92	3.32	225.45	0.74	46.08
1.201	29.21	73.27	0.88	3.33	232.72	0.73	46.07
1.225	29.21	73.28	0.95	3.34	240.34	0.82	46.09
1.251	29.21	73.29	0.92	3.35	228.08	0.79	46.09
1.281	29.21	73.29	0.72	3.37	226.86	0.76	46.09
1.31	29.21	73.29	0.92	3.41	222.28	0.79	46.09
1.334	29.21	73.29	0.88	3.45	218.35	0.79	46.09
1.35	29.21	73.3	0.88	3.51	231.91	0.76	46.1
1.367	29.21	73.29	0.84	3.57	221.36	0.76	46.09
1.384	29.21	73.29	0.92	3.65	217.85	0.74	46.09
1.409	29.21	73.3	1.14	3.71	215.74	0.69	46.1
1.434	29.21	73.3	0.92	3.78	216.39	0.76	46.1
1.46	29.21	73.3	0.72	3.83	218.35	1.01	46.1
1.484	29.21	73.3	0.88	3.87	213.55	0.86	46.1
1.503	29.21	73.3	0.88	3.88	213.94	0.83	46.1
1.523	29.21	73.3	0.92	3.89	210.55	0.82	46.1
1.542	29.21	73.29	1.07	3.94	204.06	0.83	46.1
1.563	29.21	73.3	0.92	4.01	204.2	0.76	46.1

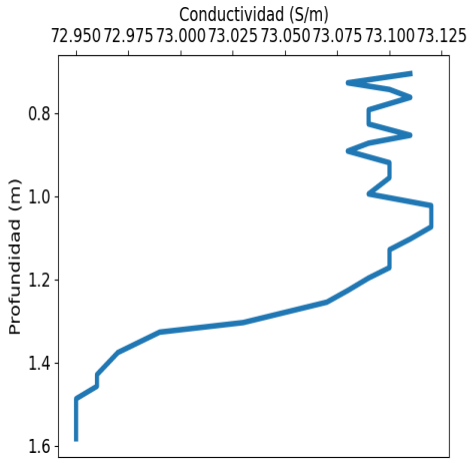
1.587	29.21	73.3	0.92	4.1	211.72	0.82	46.1
1.609	29.21	73.29	0.84	4.19	206.92	0.85	46.1
1.63	29.21	73.3	0.95	4.25	201.29	0.78	46.1
1.656	29.21	73.3	0.95	4.29	207.26	0.83	46.1
1.684	29.21	73.3	0.88	4.31	206.2	0.86	46.1
1.709	29.21	73.3	1.18	4.34	202.23	0.93	46.1
1.726	29.21	73.3	0.95	4.37	199.06	0.86	46.1
1.742	29.21	73.3	0.88	4.39	201.67	0.88	46.1
1.763	29.21	73.3	0.92	4.41	200.5	1.47	46.1
1.789	29.21	73.3	0.88	4.44	199.39	0.95	46.1
1.817	29.21	73.3	0.88	4.45	196.32	0.85	46.1
1.84	29.21	73.31	0.88	4.46	196.68	0.85	46.1
1.857	29.22	73.31	0.95	4.46	197.0	0.82	46.11
1.879	29.22	73.31	0.76	4.45	195.09	0.84	46.1
1.905	29.22	73.31	0.92	4.42	196.27	0.86	46.1
1.93	29.22	73.31	0.95	4.42	194.37	0.91	46.1
1.955	29.22	73.3	0.88	4.42	194.5	0.88	46.1
1.978	29.22	73.31	0.99	4.45	192.93	0.83	46.1
1.998	29.21	73.31	1.03	4.48	193.07	0.85	46.1
2.018	29.21	73.31	0.99	4.51	191.28	0.78	46.1
2.041	29.21	73.3	0.88	4.54	193.96	0.88	46.1
2.067	29.21	73.3	0.99	4.58	190.89	0.82	46.1
2.094	29.21	73.3	0.99	4.6	189.56	0.92	46.1
2.116	29.21	73.29	0.88	4.6	189.96	0.8	46.1
2.135	29.2	73.29	0.95	4.6	190.53	0.84	46.1
2.155	29.2	73.28	0.84	4.6	190.62	0.85	46.1
2.181	29.2	73.28	0.95	4.6	188.42	0.86	46.1
2.209	29.19	73.27	0.88	4.6	187.6	0.84	46.1
2.231	29.19	73.27	0.92	4.62	188.51	0.86	46.1
2.249	29.19	73.27	0.95	4.62	189.87	0.92	46.1
2.27	29.18	73.26	0.95	4.63	188.38	0.96	46.1
2.295	29.18	73.26	0.92	4.62	187.29	0.92	46.1
2.32	29.18	73.26	0.92	4.6	189.3	1.01	46.1
2.343	29.17	73.25	0.99	4.58	189.48	0.94	46.1
2.366	29.17	73.25	0.92	4.56	187.94	0.91	46.1
2.394	29.17	73.24	0.99	4.55	187.73	0.95	46.1
2.423	29.16	73.24	0.95	4.56	186.86	0.91	46.1
2.443	29.16	73.23	0.92	4.56	188.47	0.91	46.1
2.456	29.16	73.23	0.92	4.56	187.9	0.93	46.1
2.474	29.15	73.22	0.84	4.57	187.51	0.87	46.1
2.502	29.15	73.22	1.03	4.56	188.29	0.91	46.1
2.534	29.15	73.22	1.03	4.55	189.7	0.89	46.1
2.567	29.14	73.21	1.11	4.53	188.77	0.92	46.1
2.594	29.14	73.21	1.3	4.53	189.39	0.89	46.11
2.611	29.14	73.21	1.03	4.51	187.64	0.94	46.11
2.628	29.14	73.21	1.22	4.49	188.47	0.98	46.1
2.648	29.14	73.21	1.11	4.48	190.44	1.02	46.11
2.674	29.14	73.21	1.3	4.49	188.86	1.0	46.11
2.7	29.14	73.21	1.45	4.48	191.86	0.97	46.11
2.724	29.14	73.21	1.41	4.49	190.97	1.47	46.11
2.754	29.14	73.21	1.68	4.48	191.73	0.97	46.11
2.786	29.13	73.21	1.68	4.48	192.0	0.88	46.11
2.813	29.13	73.21	1.49	4.47	191.64	0.85	46.11
2.83	29.13	73.21	1.56	4.45	192.89	0.85	46.11
2.847	29.13	73.21	1.45	4.44	195.41	0.85	46.11
2.87	29.13	73.21	1.53	4.45	194.23	0.82	46.11
2.894	29.13	73.2	1.41	4.47	193.51	0.84	46.11
2.919	29.13	73.2	1.56	4.49	196.13	0.93	46.11

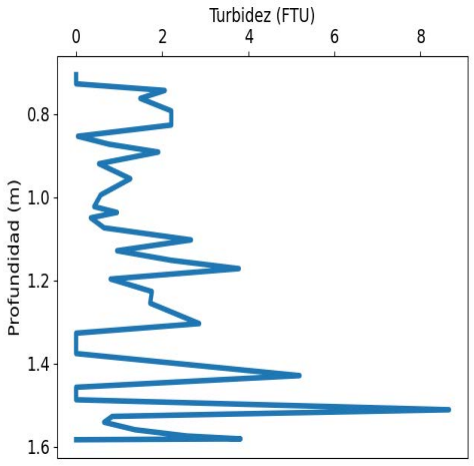
2.947	29.13	73.21	1.64	4.5	197.69	0.92	46.11
2.976	29.13	73.21	2.1	4.52	197.09	0.88	46.11
3.004	29.13	73.21	2.14	4.53	195.0	0.86	46.11
3.029	29.13	73.21	1.41	4.54	196.5	0.99	46.11
3.048	29.14	73.21	1.26	4.55	201.2	0.92	46.11
3.063	29.13	73.21	1.37	4.54	204.3	0.92	46.11
3.077	29.13	73.21	1.41	4.54	202.37	0.82	46.11
3.089	29.13	73.21	2.36	4.54	210.26	0.83	46.11
3.095	29.13	73.21	2.21	4.56	220.64	0.79	46.11

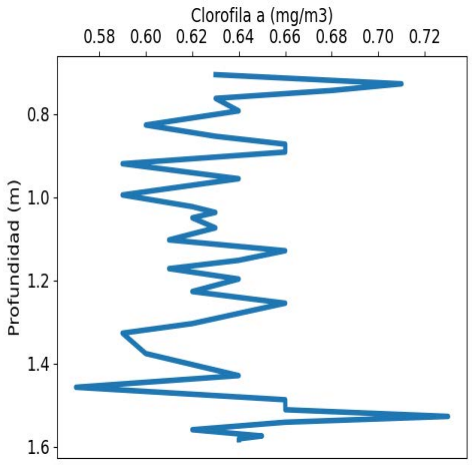
Nombre: CTD P01 - Punto 015 **Fecha: 27/08/2024** **Hora: 10:08:05**

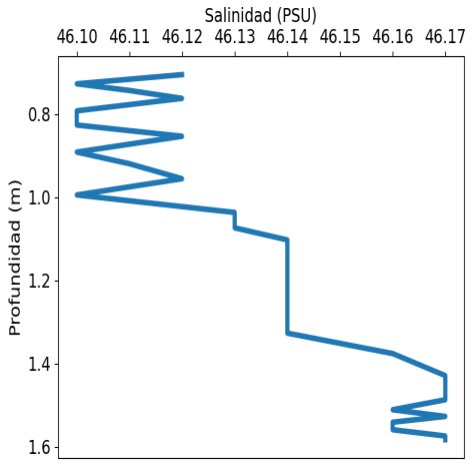


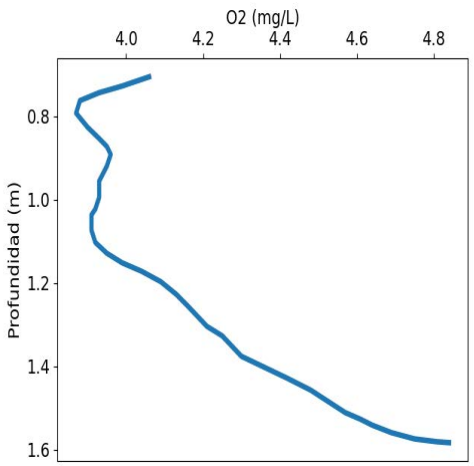


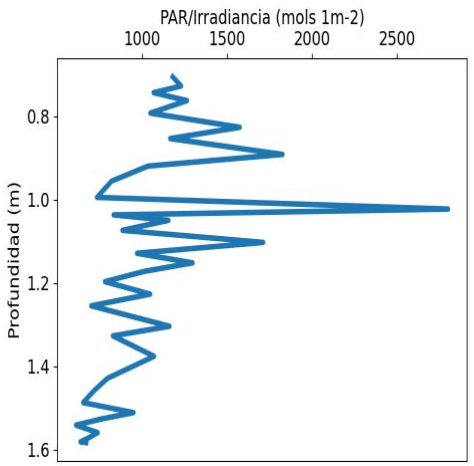












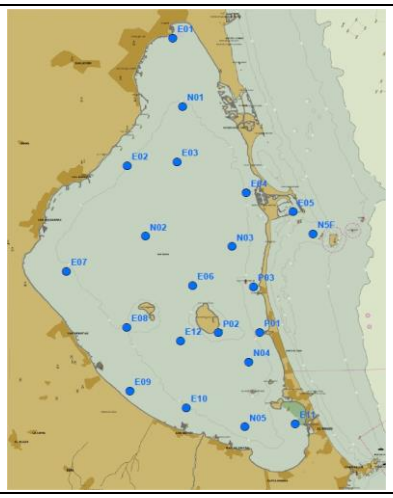
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.88	72.95	0.0	3.87	611.34	0.57	46.1
PROF (metros)	1.559	1.487	0.706	0.793	1.541	1.457	0.728
MÁXIMO	29.05	29.05	8.66	4.84	2800.3	0.73	46.17
PROF (metros)	0.706	1.023	1.511	1.583	1.023	1.527	1.429

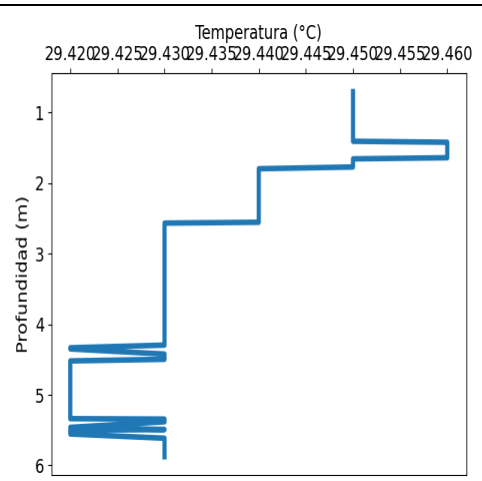
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.05	73.1	1.3	3.92	1203.47	0.63	46.11
1 - 2m	28.97	73.04	2.22	4.24	1027.76	0.64	46.15

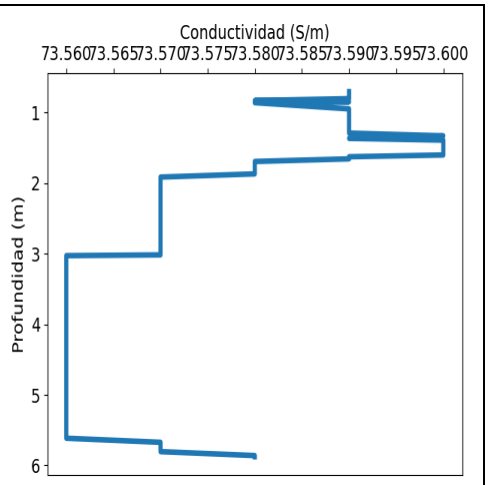
OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.92 respectivamente.

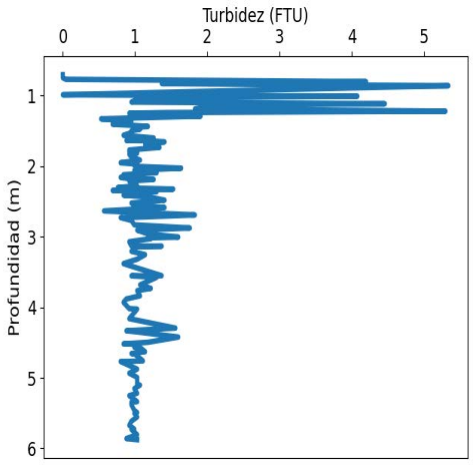
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	29.05	73.11	0.0	4.06	1180.2	0.63	46.12
0.728	29.05	73.08	0.0	3.99	1230.2	0.71	46.1
0.744	29.05	73.1	2.06	3.93	1067.7	0.68	46.11
0.763	29.05	73.11	1.49	3.88	1264.9	0.63	46.12
0.793	29.05	73.09	2.21	3.87	1048.9	0.64	46.1
0.827	29.05	73.09	2.21	3.9	1575.3	0.6	46.1
0.854	29.05	73.11	0.04	3.93	1165.2	0.63	46.12
0.873	29.05	73.09	0.76	3.95	1495.6	0.66	46.11
0.892	29.05	73.08	1.91	3.96	1826.4	0.66	46.1
0.92	29.05	73.1	0.53	3.95	1035.1	0.59	46.11
0.956	29.05	73.1	1.26	3.93	820.77	0.64	46.12
0.995	29.05	73.09	0.57	3.93	734.86	0.59	46.1
1.023	29.05	73.12	0.42	3.92	2800.3	0.62	46.12
1.037	29.05	73.12	0.95	3.91	832.65	0.63	46.13
1.05	29.05	73.12	0.34	3.91	1155.6	0.62	46.13
1.074	29.04	73.12	0.65	3.91	884.57	0.63	46.13
1.103	29.03	73.11	2.67	3.92	1712.8	0.61	46.14
1.129	29.03	73.1	0.95	3.95	970.05	0.66	46.14
1.152	29.03	73.1	2.21	3.99	1298.1	0.64	46.14
1.172	29.02	73.1	3.78	4.04	1017.7	0.61	46.14
1.197	29.01	73.09	0.8	4.09	781.59	0.64	46.14
1.227	29.01	73.08	1.76	4.13	1048.1	0.62	46.14
1.255	29.0	73.07	1.72	4.16	701.09	0.66	46.14
1.304	28.97	73.03	2.86	4.21	1162.3	0.62	46.14
1.327	28.94	72.99	0.0	4.25	828.22	0.59	46.14
1.376	28.91	72.97	0.0	4.3	1071.0	0.6	46.16
1.429	28.89	72.96	5.19	4.42	796.22	0.64	46.17
1.457	28.89	72.96	0.0	4.48	721.2	0.57	46.17
1.487	28.89	72.95	0.0	4.53	653.39	0.66	46.17
1.511	28.89	72.95	8.66	4.57	950.25	0.66	46.16
1.527	28.89	72.95	0.84	4.61	752.97	0.73	46.17
1.541	28.89	72.95	0.65	4.64	611.34	0.66	46.16
1.559	28.88	72.95	1.37	4.69	739.65	0.62	46.16
1.574	28.88	72.95	2.56	4.75	674.63	0.65	46.17
1.581	28.89	72.95	3.82	4.81	637.53	0.64	46.17
1.583	28.89	72.95	0.0	4.84	671.82	0.64	46.17

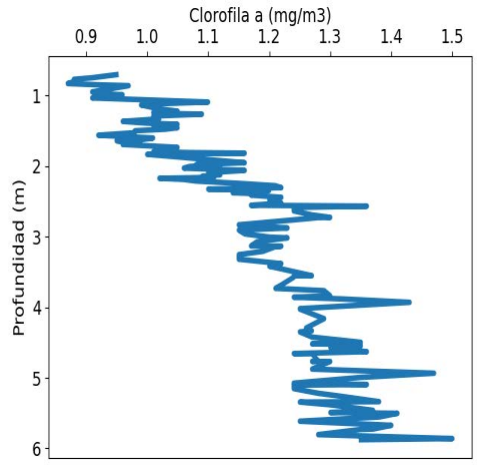
Nombre: CTD N04 - Punto 016 **Fecha: 27/08/2024** **Hora: 10:08:17**

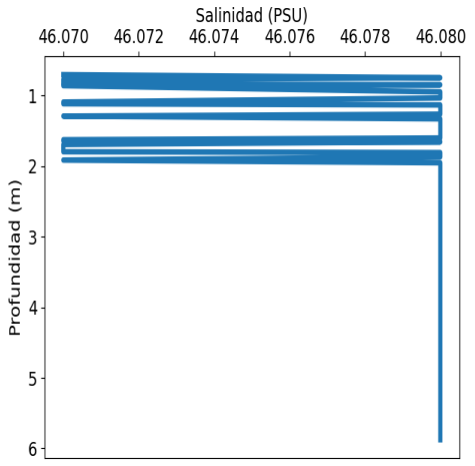


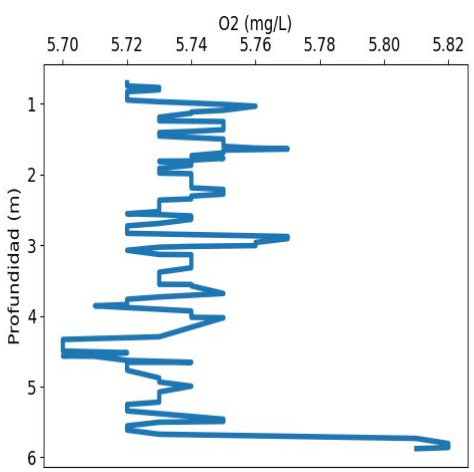


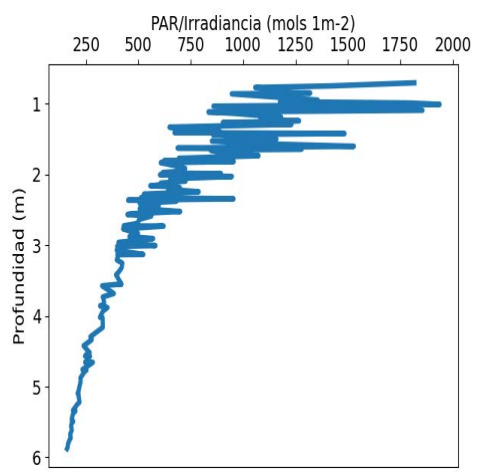












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.42	73.56	0.0	5.7	159.8	0.87	46.07
PROF (metros)	4.334	3.029	0.706	4.334	5.877	0.832	0.706
MÁXIMO	29.46	29.46	5.34	5.82	1937.6	1.5	46.08
PROF (metros)	1.423	1.332	0.862	5.805	1.011	5.861	0.75

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	29.45	73.59	2.39	5.72	1162.86	0.91	46.08
1 - 2m	29.45	73.59	1.34	5.74	973.0	1.03	46.08
2 - 3m	29.44	73.57	1.09	5.74	587.93	1.17	46.08
3 - 4m	29.43	73.56	1.09	5.73	394.39	1.23	46.08
4 - 5m	29.42	73.56	1.04	5.72	262.43	1.3	46.08
5 - 6m	29.43	73.56	0.99	5.75	189.34	1.33	46.08

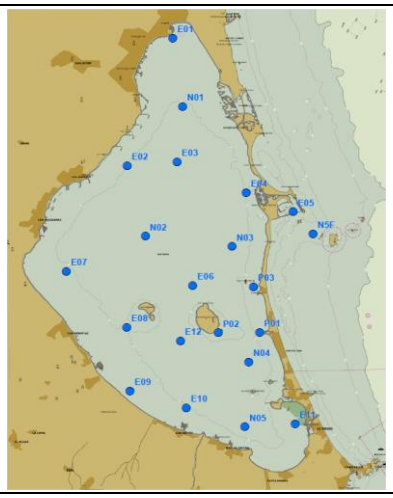
OBSERVACIONES GENERALES

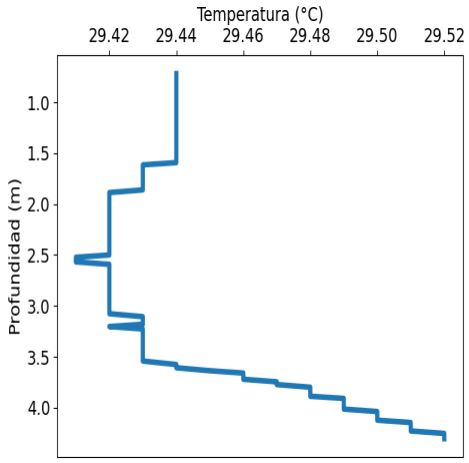
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	29.45	73.59	0.0	5.72	1817.1	0.95	46.07
0.75	29.45	73.59	0.0	5.72	1416.4	0.91	46.08
0.772	29.45	73.59	0.04	5.73	1057.2	0.88	46.07
0.805	29.45	73.59	4.2	5.73	1187.1	0.88	46.07
0.832	29.45	73.58	1.37	5.72	1099.4	0.87	46.07
0.85	29.45	73.59	3.36	5.72	1320.0	0.92	46.08
0.862	29.45	73.58	5.34	5.72	945.42	0.97	46.07
0.95	29.45	73.59	1.64	5.72	1355.6	0.91	46.08
0.973	29.45	73.59	0.76	5.73	1175.3	0.92	46.08
0.991	29.45	73.59	0.0	5.74	1791.2	0.96	46.08
1.011	29.45	73.59	4.08	5.75	1937.6	0.92	46.08
1.036	29.45	73.59	1.07	5.76	857.92	0.91	46.08
1.094	29.45	73.59	0.95	5.75	1855.8	1.1	46.07
1.118	29.45	73.59	4.46	5.74	834.39	1.02	46.07
1.135	29.45	73.59	2.14	5.74	943.01	0.99	46.08
1.191	29.45	73.59	1.83	5.73	1181.6	1.02	46.08
1.223	29.45	73.59	5.3	5.73	1082.4	1.05	46.08
1.243	29.45	73.59	1.45	5.73	1266.9	1.01	46.08
1.253	29.45	73.59	0.92	5.75	1182.1	1.02	46.08
1.266	29.45	73.59	1.18	5.75	903.01	1.09	46.08
1.293	29.45	73.59	1.91	5.75	1230.8	1.01	46.07
1.332	29.45	73.6	0.53	5.75	648.41	1.02	46.08
1.368	29.45	73.59	0.95	5.75	819.25	0.96	46.08
1.393	29.45	73.6	0.72	5.74	888.68	1.0	46.08
1.409	29.45	73.6	0.69	5.73	671.97	1.05	46.08
1.423	29.46	73.6	0.95	5.73	1483.9	1.01	46.08
1.439	29.46	73.6	1.18	5.73	855.73	1.03	46.08
1.458	29.46	73.6	0.99	5.73	1141.7	1.05	46.08
1.479	29.46	73.6	1.07	5.74	1013.7	1.03	46.08
1.501	29.46	73.6	0.95	5.75	1159.0	0.98	46.08
1.528	29.46	73.6	0.95	5.75	850.4	0.98	46.08
1.564	29.46	73.6	0.84	5.75	1043.8	0.92	46.08
1.603	29.46	73.6	1.26	5.75	1528.2	1.01	46.08
1.628	29.46	73.59	1.14	5.76	686.77	0.99	46.07
1.638	29.46	73.59	0.88	5.77	942.13	0.99	46.07
1.642	29.46	73.59	1.18	5.77	1279.9	0.95	46.07

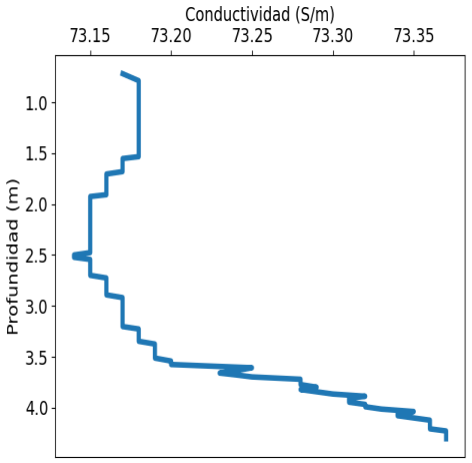
1.658	29.45	73.59	1.41	5.75	844.9	0.96	46.08
1.695	29.45	73.58	1.14	5.75	896.75	0.96	46.07
1.736	29.45	73.58	1.34	5.74	1073.5	1.05	46.07
1.773	29.45	73.58	0.92	5.75	692.37	1.04	46.07
1.798	29.44	73.58	0.92	5.74	925.47	1.01	46.07
1.81	29.44	73.58	0.99	5.74	620.91	1.07	46.08
1.813	29.44	73.58	0.95	5.73	713.55	1.11	46.08
1.818	29.44	73.58	1.03	5.73	955.33	1.16	46.08
1.835	29.44	73.58	0.92	5.74	606.54	1.0	46.08
1.871	29.44	73.58	0.95	5.74	667.32	1.05	46.08
1.916	29.44	73.57	1.07	5.73	723.54	1.11	46.07
1.954	29.44	73.57	0.8	5.73	708.6	1.16	46.08
1.974	29.44	73.57	1.03	5.73	616.32	1.09	46.08
1.982	29.44	73.57	1.03	5.73	664.54	1.08	46.08
1.99	29.44	73.57	0.99	5.74	894.47	1.12	46.08
2.006	29.44	73.57	1.03	5.74	602.76	1.07	46.08
2.03	29.44	73.57	1.64	5.74	946.29	1.06	46.08
2.062	29.44	73.57	0.99	5.74	652.03	1.16	46.08
2.095	29.44	73.57	1.3	5.74	725.39	1.1	46.08
2.124	29.44	73.57	0.84	5.74	606.54	1.12	46.08
2.146	29.44	73.57	0.84	5.74	617.32	1.09	46.08
2.161	29.44	73.57	0.8	5.74	556.69	1.11	46.08
2.174	29.44	73.57	0.88	5.74	679.49	1.02	46.08
2.19	29.44	73.57	1.26	5.74	698.82	1.06	46.08
2.213	29.44	73.57	0.92	5.75	642.43	1.08	46.08
2.246	29.44	73.57	0.95	5.75	787.96	1.15	46.08
2.279	29.44	73.57	1.03	5.75	526.33	1.21	46.08
2.307	29.44	73.57	0.76	5.74	550.41	1.22	46.08
2.327	29.44	73.57	1.53	5.74	512.96	1.1	46.08
2.346	29.44	73.57	0.69	5.74	954.22	1.2	46.08
2.364	29.44	73.57	1.3	5.73	450.83	1.19	46.08
2.379	29.44	73.57	1.03	5.73	681.23	1.14	46.08
2.392	29.44	73.57	1.18	5.73	606.4	1.18	46.08
2.412	29.44	73.57	0.84	5.73	506.58	1.17	46.08
2.444	29.44	73.57	1.22	5.73	597.47	1.22	46.08
2.484	29.44	73.57	1.41	5.73	506.11	1.2	46.08
2.525	29.44	73.57	0.95	5.73	699.95	1.22	46.08
2.556	29.44	73.57	0.99	5.72	463.44	1.17	46.08
2.568	29.43	73.57	1.14	5.73	447.61	1.36	46.08
2.588	29.43	73.57	1.41	5.74	561.75	1.24	46.08
2.636	29.43	73.57	0.57	5.74	503.89	1.24	46.08
2.693	29.43	73.57	1.83	5.73	496.01	1.27	46.08
2.728	29.43	73.57	0.95	5.72	430.01	1.3	46.08
2.731	29.43	73.57	0.8	5.72	620.76	1.28	46.08
2.771	29.43	73.57	0.95	5.72	427.13	1.23	46.08
2.833	29.43	73.57	0.99	5.72	498.08	1.15	46.08
2.878	29.43	73.57	1.76	5.77	457.25	1.23	46.08
2.908	29.43	73.57	1.03	5.77	570.67	1.15	46.08
2.962	29.43	73.57	1.18	5.76	404.87	1.16	46.08
3.007	29.43	73.57	1.6	5.76	581.62	1.2	46.08
3.018	29.43	73.57	1.18	5.74	398.54	1.23	46.08
3.029	29.43	73.56	1.22	5.73	405.24	1.22	46.08
3.073	29.43	73.56	0.92	5.72	396.6	1.18	46.08
3.132	29.43	73.56	0.95	5.73	523.9	1.17	46.08
3.135	29.43	73.56	1.37	5.74	399.92	1.22	46.08
3.143	29.43	73.56	1.03	5.74	403.93	1.21	46.08
3.208	29.43	73.56	0.95	5.74	396.97	1.19	46.08
3.256	29.43	73.56	1.14	5.74	423.78	1.15	46.08

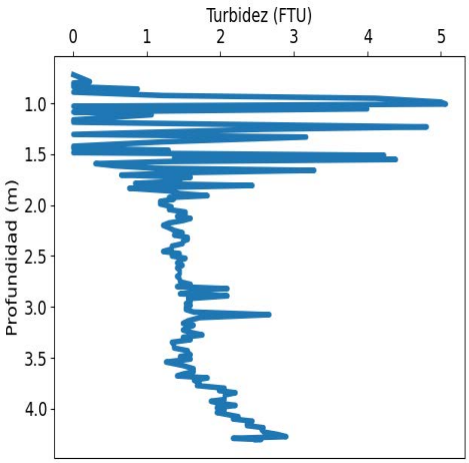
3.32	29.43	73.56	1.03	5.74	420.36	1.15	46.08
3.383	29.43	73.56	0.84	5.73	405.52	1.22	46.08
3.419	29.43	73.56	0.95	5.73	393.4	1.2	46.08
3.554	29.43	73.56	1.37	5.73	419.87	1.27	46.08
3.556	29.43	73.56	0.95	5.74	393.85	1.24	46.08
3.576	29.43	73.56	1.3	5.74	326.89	1.24	46.08
3.684	29.43	73.56	1.07	5.75	383.05	1.22	46.08
3.733	29.43	73.56	1.22	5.73	329.94	1.21	46.08
3.766	29.43	73.56	1.03	5.72	334.25	1.29	46.08
3.839	29.43	73.56	1.07	5.72	337.59	1.3	46.08
3.858	29.43	73.56	0.99	5.71	317.04	1.24	46.08
3.883	29.43	73.56	0.88	5.72	352.96	1.32	46.08
3.931	29.43	73.56	0.84	5.74	331.39	1.43	46.08
4.02	29.43	73.56	0.92	5.74	316.53	1.25	46.08
4.027	29.43	73.56	1.03	5.75	329.55	1.25	46.08
4.162	29.43	73.56	0.92	5.74	330.4	1.29	46.08
4.296	29.43	73.56	1.56	5.73	270.88	1.26	46.08
4.334	29.42	73.56	0.88	5.7	277.81	1.27	46.08
4.35	29.42	73.56	1.03	5.7	272.13	1.25	46.08
4.423	29.43	73.56	1.6	5.7	238.73	1.27	46.08
4.497	29.43	73.56	1.18	5.7	260.29	1.35	46.08
4.52	29.42	73.56	0.84	5.72	267.82	1.27	46.08
4.524	29.42	73.56	1.03	5.72	255.92	1.32	46.08
4.548	29.42	73.56	1.03	5.71	253.97	1.35	46.08
4.567	29.42	73.56	0.99	5.7	245.29	1.3	46.08
4.572	29.42	73.56	1.07	5.71	269.69	1.3	46.08
4.63	29.42	73.56	1.14	5.72	254.56	1.36	46.08
4.656	29.42	73.56	0.95	5.74	245.92	1.24	46.08
4.657	29.42	73.56	0.99	5.72	283.2	1.27	46.08
4.76	29.42	73.56	1.11	5.72	232.99	1.28	46.08
4.768	29.42	73.56	0.92	5.72	252.62	1.27	46.08
4.769	29.42	73.56	0.8	5.72	247.58	1.3	46.08
4.877	29.42	73.56	1.03	5.73	223.73	1.27	46.08
4.935	29.42	73.56	0.92	5.73	224.41	1.47	46.08
4.994	29.42	73.56	1.03	5.74	219.37	1.35	46.08
5.076	29.42	73.56	1.03	5.73	213.75	1.24	46.08
5.095	29.42	73.56	1.03	5.73	209.96	1.36	46.08
5.104	29.42	73.56	1.07	5.73	214.54	1.24	46.08
5.153	29.42	73.56	0.99	5.73	215.79	1.24	46.08
5.219	29.42	73.56	1.03	5.73	219.32	1.28	46.08
5.253	29.42	73.56	0.92	5.72	208.07	1.31	46.08
5.338	29.42	73.56	1.03	5.72	187.38	1.38	46.08
5.344	29.43	73.56	0.95	5.72	199.99	1.25	46.08
5.382	29.43	73.56	0.95	5.73	188.08	1.3	46.08
5.461	29.42	73.56	0.99	5.75	181.99	1.37	46.08
5.492	29.43	73.56	1.03	5.75	189.3	1.3	46.08
5.503	29.42	73.56	0.99	5.73	182.92	1.41	46.08
5.555	29.42	73.56	1.03	5.72	179.06	1.38	46.08
5.615	29.43	73.56	0.95	5.72	182.41	1.25	46.08
5.673	29.43	73.57	0.92	5.73	174.67	1.4	46.08
5.726	29.43	73.57	0.99	5.8	177.53	1.37	46.08
5.732	29.43	73.57	0.95	5.81	174.83	1.35	46.08
5.805	29.43	73.57	1.03	5.82	164.76	1.28	46.08
5.861	29.43	73.58	0.88	5.82	162.64	1.5	46.08
5.877	29.43	73.58	1.03	5.81	159.8	1.35	46.08

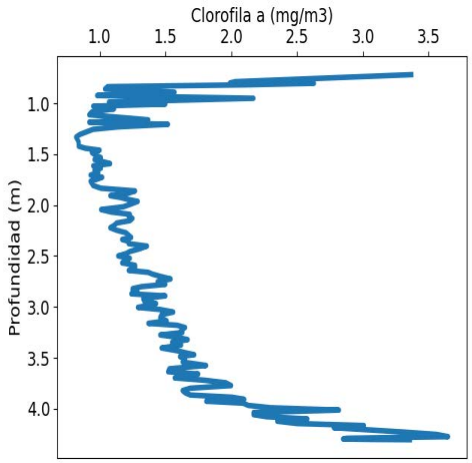
Nombre: CTD E11 - Punto 017 **Fecha: 27/08/2024** **Hora: 10:08:23**

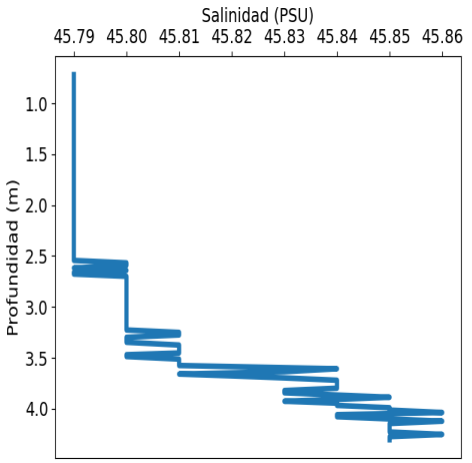


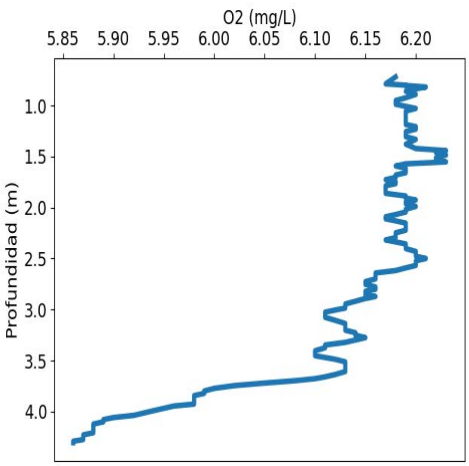


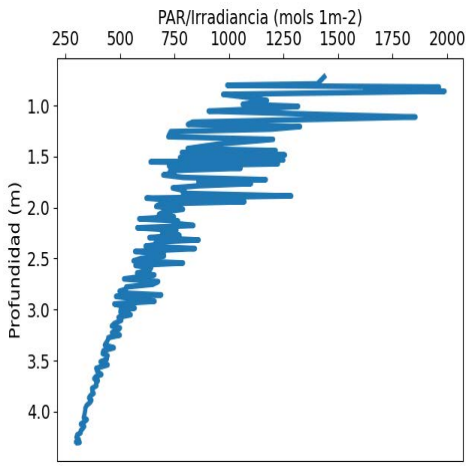












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.41	73.14	0.0	5.86	297.67	0.82	45.79
PROF (metros)	2.523	2.5	0.719	4.291	4.298	1.332	0.719
MÁXIMO	29.52	29.52	5.07	6.23	1989.5	3.65	45.86
PROF (metros)	4.253	4.229	1.008	1.442	0.86	4.275	4.038

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	29.44	73.18	2.29	6.18	1347.24	1.46	45.79
1 - 2m	29.43	73.17	1.94	6.19	946.18	1.06	45.79
2 - 3m	29.42	73.15	1.48	6.17	646.66	1.26	45.79
3 - 4m	29.45	73.22	1.7	6.08	424.0	1.68	45.82
4 - 5m	29.51	73.36	2.39	5.88	320.83	2.84	45.85

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 4 - 5m con los valores 2.84 respectivamente

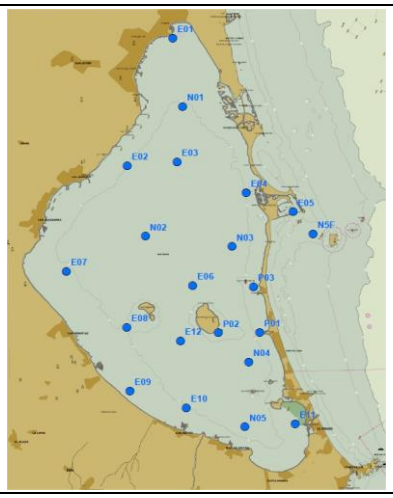
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.719	29.44	73.17	0.0	6.18	1436.9	3.37	45.79
0.788	29.44	73.18	0.23	6.17	1405.9	2.03	45.79
0.801	29.44	73.18	0.0	6.19	991.88	1.99	45.79
0.804	29.44	73.18	0.0	6.19	1041.4	2.63	45.79
0.819	29.44	73.18	0.0	6.21	1963.8	2.11	45.79
0.837	29.44	73.18	0.0	6.2	1626.5	1.06	45.79
0.86	29.44	73.18	0.88	6.19	1989.5	1.04	45.79
0.891	29.44	73.18	0.0	6.2	972.76	1.57	45.79
0.924	29.44	73.18	1.22	6.19	1103.5	0.98	45.79
0.951	29.44	73.18	4.12	6.18	1174.7	2.17	45.79
0.988	29.44	73.18	5.0	6.18	1062.6	1.07	45.79
1.008	29.44	73.18	5.07	6.19	1317.9	1.5	45.79
1.029	29.44	73.18	0.0	6.2	1180.2	0.95	45.79
1.055	29.44	73.18	4.0	6.19	906.36	1.11	45.79
1.085	29.44	73.18	0.0	6.19	1377.2	0.94	45.79
1.113	29.44	73.18	1.07	6.19	1856.3	0.92	45.79
1.163	29.44	73.18	0.0	6.19	833.42	1.37	45.79
1.186	29.44	73.18	0.0	6.19	811.12	0.92	45.79
1.207	29.44	73.18	2.1	6.2	1326.7	1.52	45.79
1.232	29.44	73.18	4.81	6.2	1192.8	1.14	45.79
1.256	29.44	73.18	2.56	6.19	732.31	0.95	45.79
1.306	29.44	73.18	0.0	6.19	721.2	0.85	45.79
1.332	29.44	73.18	3.17	6.2	1202.8	0.82	45.79
1.379	29.44	73.18	1.22	6.19	947.83	0.84	45.79
1.422	29.44	73.18	0.0	6.2	809.81	0.84	45.79
1.442	29.44	73.18	0.0	6.23	1214.9	0.89	45.79
1.461	29.44	73.18	1.3	6.22	783.23	1.0	45.79
1.485	29.44	73.18	0.0	6.23	1257.3	0.94	45.79
1.511	29.44	73.18	4.23	6.22	774.56	0.97	45.79
1.534	29.44	73.18	1.37	6.22	1250.0	1.01	45.79
1.553	29.44	73.17	4.39	6.23	639.9	0.96	45.79
1.572	29.44	73.17	1.3	6.19	1225.1	1.02	45.79
1.593	29.44	73.17	0.3	6.18	724.55	1.08	45.79
1.615	29.43	73.17	0.57	6.19	1054.2	0.95	45.79
1.638	29.43	73.17	1.11	6.19	729.77	1.01	45.79
1.659	29.43	73.17	3.28	6.19	750.7	0.96	45.79

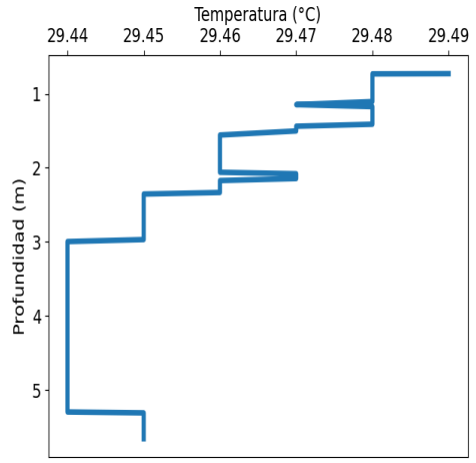
1.681	29.43	73.17	1.56	6.18	698.17	0.99	45.79
1.705	29.43	73.16	0.65	6.18	791.62	0.93	45.79
1.727	29.43	73.16	1.6	6.17	1169.6	1.02	45.79
1.746	29.43	73.16	1.34	6.18	858.91	0.98	45.79
1.766	29.43	73.16	1.45	6.18	1101.7	0.93	45.79
1.787	29.43	73.16	0.84	6.17	860.51	0.94	45.79
1.808	29.43	73.16	2.44	6.17	741.19	0.95	45.79
1.835	29.43	73.16	0.76	6.17	796.78	1.01	45.79
1.861	29.43	73.16	1.3	6.17	787.96	1.27	45.79
1.887	29.42	73.16	1.45	6.19	1286.2	1.21	45.79
1.908	29.42	73.16	1.83	6.19	621.05	1.08	45.79
1.926	29.42	73.15	1.3	6.2	726.56	1.16	45.79
1.943	29.42	73.15	1.37	6.19	1071.7	1.21	45.79
1.964	29.42	73.15	1.18	6.19	685.18	1.29	45.79
1.989	29.42	73.15	1.18	6.2	665.62	1.24	45.79
2.017	29.42	73.15	1.34	6.19	789.79	1.18	45.79
2.044	29.42	73.15	1.3	6.19	699.3	1.01	45.79
2.069	29.42	73.15	1.53	6.18	677.92	1.09	45.79
2.091	29.42	73.15	1.53	6.17	748.27	1.23	45.79
2.111	29.42	73.15	1.41	6.17	587.86	1.22	45.79
2.131	29.42	73.15	1.6	6.18	766.7	1.25	45.79
2.153	29.42	73.15	1.49	6.19	745.15	1.23	45.79
2.176	29.42	73.15	1.3	6.19	837.29	1.13	45.79
2.199	29.42	73.15	1.22	6.19	579.07	1.11	45.79
2.223	29.42	73.15	1.3	6.19	759.45	1.08	45.79
2.248	29.42	73.15	1.37	6.18	692.21	1.13	45.79
2.272	29.42	73.15	1.49	6.18	773.49	1.2	45.79
2.295	29.42	73.15	1.37	6.18	634.29	1.22	45.79
2.318	29.42	73.15	1.56	6.17	861.31	1.24	45.79
2.338	29.42	73.15	1.56	6.18	663.62	1.17	45.79
2.357	29.42	73.15	1.49	6.19	691.89	1.22	45.79
2.379	29.42	73.15	1.49	6.19	616.75	1.22	45.79
2.403	29.42	73.15	1.34	6.19	844.31	1.36	45.79
2.431	29.42	73.15	1.34	6.2	568.96	1.3	45.79
2.456	29.42	73.15	1.22	6.2	701.41	1.23	45.79
2.477	29.42	73.15	1.45	6.2	702.23	1.2	45.79
2.5	29.42	73.14	1.34	6.21	597.33	1.14	45.79
2.523	29.41	73.14	1.53	6.2	561.75	1.23	45.79
2.544	29.41	73.15	1.45	6.2	789.79	1.2	45.79
2.568	29.41	73.15	1.41	6.2	570.54	1.17	45.8
2.592	29.42	73.15	1.49	6.19	643.32	1.27	45.8
2.618	29.42	73.15	1.41	6.18	635.03	1.27	45.79
2.642	29.42	73.15	1.45	6.16	577.86	1.22	45.8
2.661	29.42	73.15	1.45	6.16	658.25	1.37	45.79
2.678	29.42	73.15	1.45	6.16	598.17	1.4	45.79
2.7	29.42	73.15	1.41	6.16	518.34	1.46	45.8
2.726	29.42	73.16	1.45	6.15	675.72	1.54	45.8
2.753	29.42	73.16	1.45	6.15	650.22	1.44	45.8
2.779	29.42	73.16	1.6	6.16	528.77	1.5	45.8
2.801	29.42	73.16	1.41	6.16	527.55	1.32	45.8
2.821	29.42	73.16	2.1	6.15	497.39	1.25	45.8
2.84	29.42	73.16	1.64	6.15	529.39	1.25	45.8
2.857	29.42	73.16	1.6	6.15	689.65	1.29	45.8
2.872	29.42	73.16	1.45	6.16	481.4	1.24	45.8
2.892	29.42	73.16	2.1	6.15	562.92	1.5	45.8
2.919	29.42	73.17	1.56	6.14	659.32	1.33	45.8
2.946	29.42	73.17	1.6	6.13	473.43	1.34	45.8
2.968	29.42	73.17	1.53	6.13	517.02	1.43	45.8

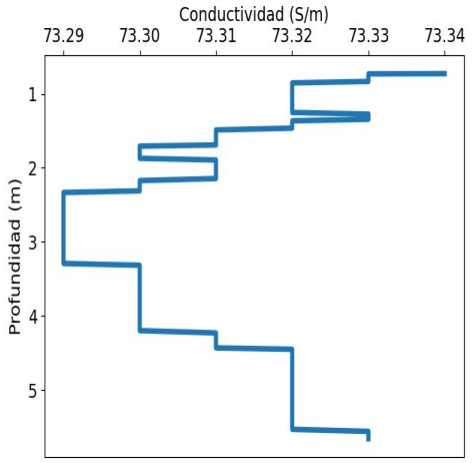
2.986	29.42	73.17	1.6	6.13	568.56	1.37	45.8
3.005	29.42	73.17	1.53	6.12	502.72	1.29	45.8
3.026	29.42	73.17	1.53	6.11	501.56	1.46	45.8
3.051	29.42	73.17	1.64	6.11	549.77	1.56	45.8
3.077	29.42	73.17	2.67	6.11	492.69	1.47	45.8
3.106	29.43	73.17	1.72	6.12	506.58	1.46	45.8
3.137	29.43	73.17	1.56	6.13	474.31	1.51	45.8
3.162	29.43	73.17	1.49	6.13	462.16	1.37	45.8
3.181	29.43	73.17	1.64	6.13	500.63	1.59	45.8
3.203	29.42	73.17	1.56	6.13	489.95	1.65	45.8
3.227	29.43	73.18	1.49	6.14	462.91	1.62	45.8
3.251	29.43	73.18	1.6	6.14	499.93	1.63	45.81
3.276	29.43	73.18	1.76	6.15	446.36	1.46	45.81
3.299	29.43	73.18	1.49	6.14	444.09	1.59	45.8
3.322	29.43	73.18	1.6	6.13	438.16	1.67	45.8
3.348	29.43	73.18	1.34	6.11	430.21	1.55	45.8
3.375	29.43	73.19	1.37	6.11	472.33	1.62	45.81
3.404	29.43	73.19	1.37	6.1	423.68	1.47	45.81
3.431	29.43	73.19	1.56	6.1	420.16	1.59	45.81
3.453	29.43	73.19	1.56	6.1	444.2	1.66	45.81
3.47	29.43	73.19	1.6	6.11	438.06	1.72	45.8
3.488	29.43	73.19	1.45	6.12	439.79	1.61	45.8
3.513	29.43	73.19	1.6	6.13	410.44	1.65	45.81
3.542	29.43	73.2	1.26	6.13	444.09	1.63	45.81
3.576	29.44	73.2	1.49	6.13	390.85	1.81	45.81
3.608	29.44	73.25	1.64	6.13	395.96	1.53	45.84
3.637	29.45	73.24	1.64	6.12	415.23	1.52	45.83
3.66	29.46	73.23	1.49	6.11	387.87	1.75	45.81
3.678	29.46	73.24	1.41	6.1	381.45	1.66	45.82
3.698	29.46	73.25	1.83	6.08	399.37	1.57	45.83
3.721	29.46	73.28	1.64	6.05	390.49	1.8	45.84
3.746	29.47	73.28	1.72	6.02	392.67	1.96	45.84
3.773	29.47	73.28	1.68	6.0	371.68	2.0	45.84
3.799	29.48	73.29	2.06	5.99	372.97	1.69	45.84
3.822	29.48	73.28	1.98	5.99	379.78	1.63	45.83
3.844	29.48	73.29	2.21	5.98	364.43	1.65	45.83
3.866	29.48	73.3	2.06	5.98	357.4	1.69	45.84
3.888	29.48	73.32	2.06	5.98	369.36	2.01	45.85
3.909	29.49	73.31	2.06	5.98	363.67	2.1	45.84
3.927	29.49	73.31	1.87	5.98	353.45	1.81	45.83
3.946	29.49	73.31	1.98	5.96	345.11	2.09	45.84
3.968	29.49	73.32	2.21	5.95	340.98	2.13	45.84
3.991	29.49	73.32	1.95	5.94	340.34	2.3	45.85
4.014	29.49	73.33	2.06	5.93	338.3	2.82	45.85
4.038	29.5	73.35	1.95	5.92	336.34	2.17	45.86
4.059	29.5	73.34	2.1	5.9	333.4	2.17	45.84
4.079	29.5	73.34	2.25	5.89	348.41	2.27	45.84
4.101	29.5	73.35	2.17	5.89	335.49	2.58	45.85
4.123	29.5	73.36	2.44	5.88	320.22	2.35	45.86
4.146	29.51	73.36	2.36	5.88	336.34	2.5	45.85
4.166	29.51	73.36	2.36	5.88	329.25	3.01	45.85
4.187	29.51	73.36	2.59	5.88	319.77	2.78	45.85
4.208	29.51	73.36	2.56	5.88	320.22	3.04	45.85
4.229	29.51	73.37	2.59	5.87	303.45	3.3	45.85
4.253	29.52	73.37	2.78	5.87	300.03	3.56	45.86
4.275	29.52	73.37	2.9	5.87	311.65	3.65	45.85
4.291	29.52	73.37	2.17	5.86	302.33	2.88	45.85
4.298	29.52	73.37	2.36	5.86	297.67	2.85	45.85

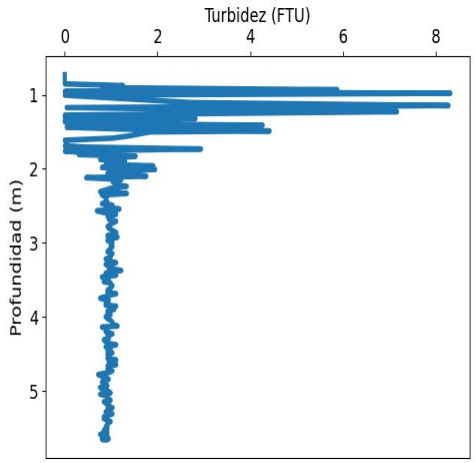
4.302	29.52	73.37	2.56	5.86	315.5	3.04	45.85
4.305	29.52	73.37	2.48	5.86	305.78	3.36	45.85

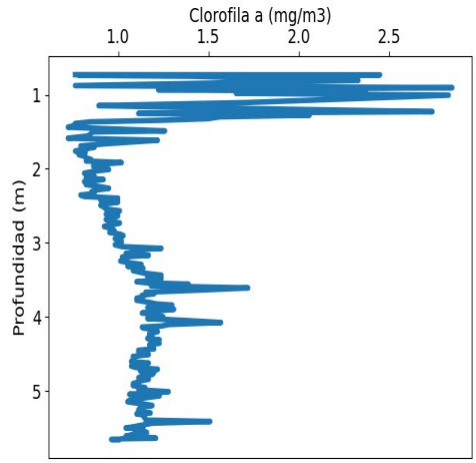
Nombre: CTD N05 - Punto 018 **Fecha: 27/08/2024** **Hora: 10:08:50**

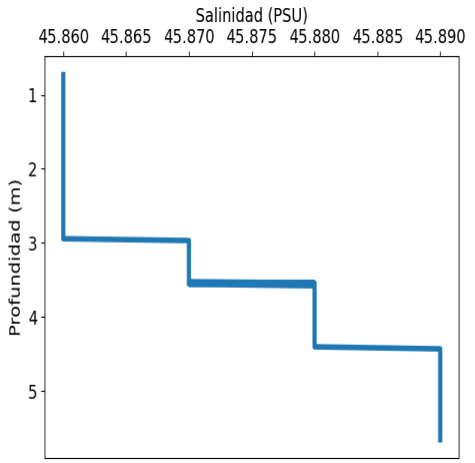


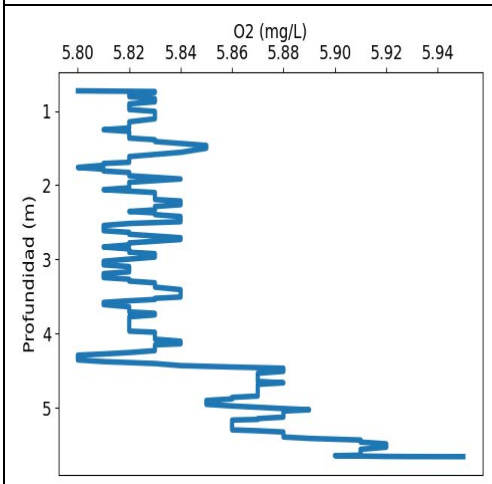


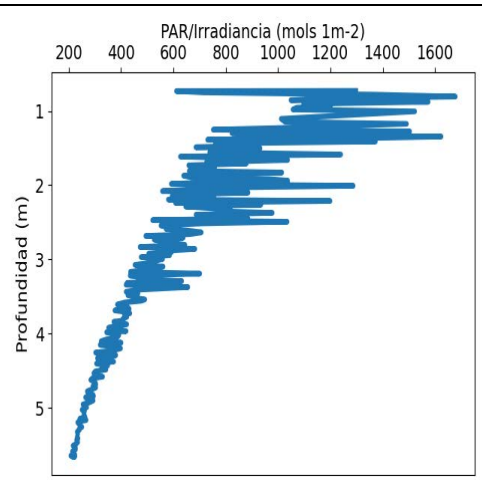












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.44	73.29	0.0	5.8	207.88	0.72	45.86
PROF (metros)	2.997	2.334	0.729	0.729	5.647	1.439	0.729
MÁXIMO	29.49	29.49	8.32	5.95	1677.9	2.85	45.89
PROF (metros)	0.729	0.729	0.981	5.66	0.807	0.905	4.433

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	29.48	73.32	4.06	5.82	1232.35	1.62	45.86
1 - 2m	29.47	73.31	1.94	5.83	883.98	1.02	45.86
2 - 3m	29.45	73.29	1.03	5.83	691.07	0.93	45.86
3 - 4m	29.44	73.3	0.97	5.82	451.91	1.17	45.87
4 - 5m	29.44	73.31	0.93	5.85	319.46	1.17	45.88
5 - 6m	29.45	73.32	0.91	5.89	235.35	1.12	45.89

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	29.49	73.34	0.0	5.8	1297.8	0.76	45.86
0.732	29.48	73.33	0.0	5.81	611.34	2.45	45.86
0.734	29.48	73.33	0.0	5.82	1261.1	1.17	45.86
0.738	29.48	73.33	0.0	5.83	646.01	0.78	45.86
0.751	29.48	73.33	0.0	5.83	715.04	1.42	45.86
0.78	29.48	73.33	0.0	5.82	1371.1	1.81	45.86
0.807	29.48	73.33	0.0	5.82	1677.9	2.33	45.86
0.834	29.48	73.33	0.0	5.83	1166.9	1.72	45.86
0.854	29.48	73.32	0.0	5.83	1048.6	1.24	45.86
0.877	29.48	73.32	1.26	5.83	1574.2	0.76	45.86
0.905	29.48	73.32	0.8	5.82	1097.1	2.85	45.86
0.933	29.48	73.32	5.88	5.82	1201.7	1.22	45.86
0.957	29.48	73.32	0.0	5.82	1070.5	2.37	45.86
0.981	29.48	73.32	8.32	5.82	1056.4	1.65	45.86
1.006	29.48	73.32	0.0	5.83	1522.9	2.83	45.86
1.106	29.48	73.32	2.71	5.83	1011.6	1.71	45.86
1.147	29.47	73.32	8.28	5.82	1026.5	0.89	45.86
1.174	29.48	73.32	0.04	5.82	1491.5	1.4	45.86
1.229	29.48	73.32	7.17	5.82	1014.9	2.74	45.86
1.253	29.48	73.32	3.32	5.81	751.92	1.11	45.86
1.276	29.48	73.33	0.0	5.82	1503.6	2.06	45.86
1.299	29.48	73.33	0.0	5.82	823.25	1.56	45.86
1.323	29.48	73.33	2.82	5.82	925.47	1.5	45.86
1.345	29.48	73.33	0.0	5.82	1623.5	1.24	45.86
1.366	29.48	73.32	0.0	5.82	1347.2	0.85	45.86
1.388	29.48	73.32	0.08	5.83	730.45	0.76	45.86
1.412	29.48	73.32	4.27	5.83	1372.7	0.76	45.86
1.439	29.47	73.32	0.04	5.84	759.63	0.72	45.86
1.465	29.47	73.32	1.26	5.85	880.69	1.01	45.86
1.489	29.47	73.31	4.42	5.85	685.66	1.26	45.86
1.503	29.47	73.31	1.83	5.85	932.14	0.86	45.86
1.558	29.46	73.31	1.37	5.84	738.28	0.83	45.86
1.587	29.46	73.31	1.03	5.83	1240.2	0.72	45.86
1.615	29.46	73.31	0.0	5.82	626.4	1.22	45.86
1.661	29.46	73.31	0.04	5.82	1037.5	0.94	45.86
1.692	29.46	73.31	0.0	5.82	725.89	0.79	45.86

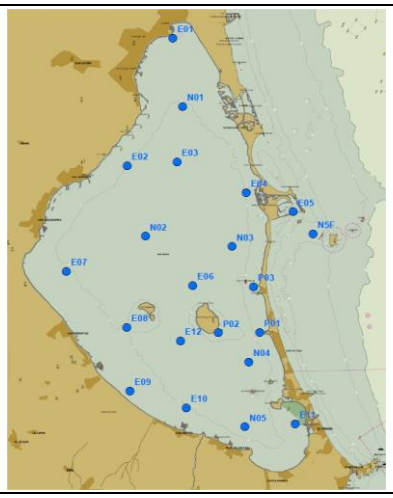
1.708	29.46	73.3	0.46	5.81	879.87	0.87	45.86
1.733	29.46	73.3	2.94	5.81	658.41	0.82	45.86
1.761	29.46	73.3	0.0	5.8	758.92	0.76	45.86
1.786	29.46	73.3	0.5	5.81	701.9	0.82	45.86
1.809	29.46	73.3	0.3	5.81	660.24	0.78	45.86
1.83	29.46	73.3	1.53	5.82	1015.1	0.81	45.86
1.852	29.46	73.3	1.18	5.82	712.56	0.82	45.86
1.873	29.46	73.3	0.76	5.82	638.57	0.85	45.86
1.895	29.46	73.31	1.3	5.83	667.94	0.82	45.86
1.917	29.46	73.31	1.26	5.84	963.78	1.02	45.86
1.94	29.46	73.31	0.88	5.83	1037.7	0.89	45.86
1.962	29.46	73.31	1.91	5.82	740.51	0.86	45.86
1.983	29.46	73.31	0.8	5.82	591.68	0.87	45.86
2.009	29.46	73.31	1.95	5.82	1287.7	0.95	45.86
2.036	29.46	73.31	1.03	5.82	734.18	0.86	45.86
2.061	29.46	73.31	0.92	5.81	649.16	0.81	45.86
2.081	29.47	73.31	1.41	5.82	557.73	0.85	45.86
2.1	29.47	73.31	1.76	5.83	886.21	0.87	45.86
2.121	29.47	73.31	0.46	5.83	694.94	0.82	45.86
2.146	29.47	73.31	1.22	5.83	594.71	0.92	45.86
2.173	29.46	73.3	1.03	5.83	756.29	0.81	45.86
2.194	29.46	73.3	1.07	5.83	580.41	0.82	45.86
2.214	29.46	73.3	1.11	5.84	1199.5	0.82	45.86
2.238	29.46	73.3	1.34	5.84	607.39	0.89	45.86
2.264	29.46	73.3	0.99	5.84	935.17	0.95	45.86
2.288	29.46	73.3	0.88	5.83	646.61	0.88	45.86
2.312	29.46	73.3	0.76	5.83	745.5	0.85	45.86
2.334	29.46	73.29	1.34	5.83	819.44	0.87	45.86
2.355	29.45	73.29	0.8	5.82	802.52	0.79	45.86
2.374	29.45	73.29	0.92	5.83	978.63	0.81	45.86
2.398	29.45	73.29	0.88	5.83	686.14	1.0	45.86
2.423	29.45	73.29	0.88	5.84	725.89	0.9	45.86
2.45	29.45	73.29	0.92	5.84	885.8	1.0	45.86
2.472	29.45	73.29	0.8	5.84	520.51	0.94	45.86
2.493	29.45	73.29	1.03	5.84	1035.3	0.9	45.86
2.517	29.45	73.29	0.88	5.82	707.45	0.92	45.86
2.544	29.45	73.29	1.18	5.81	551.94	0.93	45.86
2.568	29.45	73.29	0.69	5.81	609.64	1.01	45.86
2.591	29.45	73.29	0.84	5.81	571.47	1.0	45.86
2.614	29.45	73.29	1.11	5.81	659.32	0.93	45.86
2.637	29.45	73.29	0.92	5.82	707.45	1.0	45.86
2.662	29.45	73.29	0.95	5.82	661.77	0.97	45.86
2.685	29.45	73.29	0.95	5.83	494.06	0.93	45.86
2.709	29.45	73.29	1.11	5.84	638.27	0.95	45.86
2.733	29.45	73.29	1.03	5.84	526.09	1.01	45.86
2.756	29.45	73.29	0.99	5.83	552.71	0.97	45.86
2.779	29.45	73.29	0.92	5.82	598.44	0.92	45.86
2.805	29.45	73.29	0.95	5.82	645.11	0.96	45.86
2.834	29.45	73.29	1.03	5.81	472.44	0.98	45.86
2.86	29.45	73.29	1.11	5.82	683.12	0.95	45.86
2.883	29.45	73.29	1.11	5.82	585.95	1.01	45.86
2.904	29.45	73.29	0.92	5.82	593.61	1.03	45.86
2.924	29.45	73.29	1.14	5.83	505.17	1.0	45.86
2.945	29.45	73.29	0.95	5.83	586.5	0.98	45.86
2.97	29.45	73.29	0.92	5.83	476.4	1.02	45.87
2.997	29.44	73.29	1.03	5.82	559.41	1.02	45.87
3.026	29.44	73.29	0.99	5.81	526.21	0.98	45.87
3.052	29.44	73.29	1.03	5.81	502.26	1.02	45.87

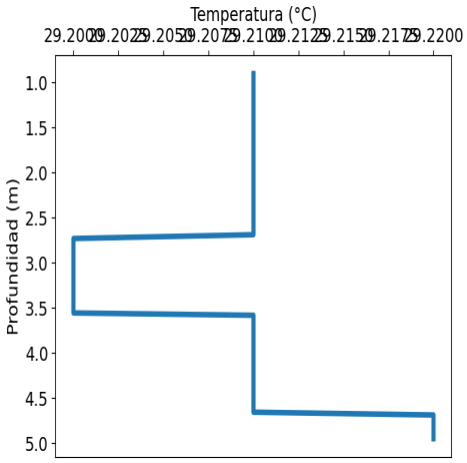
3.075	29.44	73.29	0.99	5.81	452.93	1.24	45.87
3.098	29.44	73.29	0.95	5.82	561.49	1.08	45.87
3.121	29.44	73.29	0.92	5.82	514.99	1.1	45.87
3.145	29.44	73.29	1.03	5.82	488.59	1.04	45.87
3.169	29.44	73.29	0.99	5.82	435.53	1.17	45.87
3.193	29.44	73.29	0.99	5.81	701.74	1.02	45.87
3.219	29.44	73.29	0.88	5.81	434.32	1.05	45.87
3.246	29.44	73.29	0.95	5.81	482.96	1.01	45.87
3.269	29.44	73.29	1.11	5.82	465.6	1.06	45.87
3.293	29.44	73.29	0.88	5.82	632.82	1.13	45.87
3.317	29.44	73.3	1.03	5.83	423.19	1.05	45.87
3.343	29.44	73.3	0.95	5.83	419.0	1.14	45.87
3.375	29.44	73.3	1.22	5.83	656.27	1.08	45.87
3.409	29.44	73.3	0.88	5.84	471.9	1.14	45.87
3.438	29.44	73.3	1.11	5.84	419.09	1.24	45.87
3.462	29.44	73.3	0.8	5.84	465.49	1.16	45.87
3.484	29.44	73.3	0.95	5.84	425.75	1.24	45.87
3.508	29.44	73.3	0.92	5.84	452.09	1.2	45.87
3.526	29.44	73.3	0.84	5.83	462.26	1.1	45.87
3.541	29.44	73.3	0.99	5.83	491.66	1.16	45.88
3.559	29.44	73.3	0.99	5.82	478.51	1.39	45.87
3.581	29.44	73.3	1.03	5.81	414.65	1.18	45.88
3.61	29.44	73.3	0.99	5.81	385.63	1.72	45.88
3.641	29.44	73.3	0.92	5.82	424.47	1.43	45.88
3.668	29.44	73.3	0.92	5.82	432.11	1.15	45.88
3.689	29.44	73.3	1.11	5.82	375.92	1.2	45.88
3.709	29.44	73.3	0.95	5.82	416.57	1.13	45.88
3.728	29.44	73.3	0.88	5.83	434.62	1.14	45.88
3.749	29.44	73.3	0.76	5.83	412.16	1.1	45.88
3.776	29.44	73.3	0.95	5.82	423.19	1.1	45.88
3.804	29.44	73.3	0.88	5.82	407.03	1.17	45.88
3.826	29.44	73.3	0.95	5.82	407.69	1.21	45.88
3.842	29.44	73.3	0.88	5.82	372.2	1.3	45.88
3.856	29.44	73.3	1.11	5.82	398.63	1.26	45.88
3.876	29.44	73.3	0.99	5.82	422.8	1.16	45.88
3.898	29.44	73.3	1.07	5.82	381.72	1.31	45.88
3.923	29.44	73.3	0.92	5.82	351.81	1.21	45.88
3.949	29.44	73.3	0.92	5.82	389.95	1.13	45.88
3.968	29.44	73.3	0.99	5.82	420.16	1.21	45.88
3.983	29.44	73.3	0.95	5.83	344.39	1.21	45.88
4.0	29.44	73.3	0.88	5.83	374.62	1.25	45.88
4.023	29.44	73.3	0.92	5.83	392.85	1.16	45.88
4.049	29.44	73.3	0.99	5.83	385.81	1.37	45.88
4.077	29.44	73.3	1.03	5.83	346.87	1.57	45.88
4.104	29.44	73.3	1.03	5.84	323.72	1.28	45.88
4.124	29.44	73.3	1.14	5.84	401.22	1.24	45.88
4.139	29.44	73.3	0.8	5.84	375.66	1.13	45.88
4.153	29.44	73.3	0.92	5.83	319.77	1.14	45.88
4.171	29.44	73.3	0.92	5.83	358.56	1.21	45.88
4.2	29.44	73.3	0.88	5.83	399.09	1.22	45.88
4.231	29.44	73.31	1.03	5.83	368.93	1.17	45.88
4.257	29.44	73.31	0.92	5.82	302.47	1.17	45.88
4.276	29.44	73.31	0.95	5.81	321.85	1.19	45.88
4.292	29.44	73.31	0.95	5.8	381.1	1.16	45.88
4.31	29.44	73.31	0.84	5.8	361.07	1.23	45.88
4.333	29.44	73.31	0.88	5.8	309.2	1.18	45.88
4.356	29.44	73.31	0.92	5.8	326.74	1.23	45.88
4.379	29.44	73.31	1.11	5.81	372.89	1.17	45.88

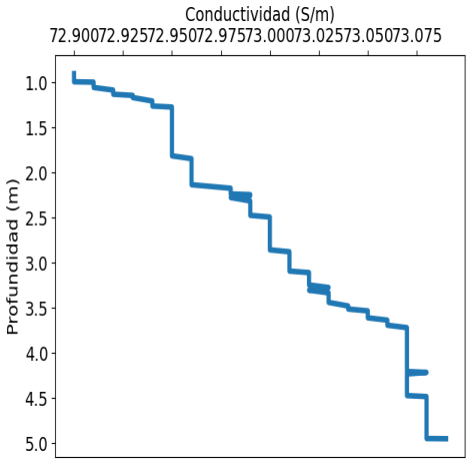
4.405	29.44	73.31	0.88	5.83	305.64	1.18	45.88
4.433	29.44	73.31	0.99	5.84	349.86	1.2	45.89
4.452	29.44	73.32	0.99	5.86	327.35	1.11	45.89
4.468	29.44	73.32	0.92	5.88	325.98	1.11	45.89
4.486	29.44	73.32	1.03	5.88	343.51	1.15	45.89
4.51	29.44	73.32	0.92	5.88	301.98	1.17	45.89
4.536	29.44	73.32	0.95	5.87	295.54	1.08	45.89
4.56	29.44	73.32	0.92	5.87	297.81	1.09	45.89
4.583	29.44	73.32	1.11	5.87	330.63	1.08	45.89
4.603	29.44	73.32	0.95	5.87	290.78	1.07	45.89
4.625	29.44	73.32	0.95	5.87	283.79	1.17	45.89
4.645	29.44	73.32	1.11	5.87	295.81	1.14	45.89
4.665	29.44	73.32	0.92	5.88	303.03	1.07	45.89
4.686	29.44	73.32	0.95	5.87	304.58	1.1	45.89
4.709	29.44	73.32	0.92	5.87	292.41	1.22	45.89
4.729	29.44	73.32	1.03	5.87	304.23	1.12	45.89
4.753	29.44	73.32	0.95	5.87	287.97	1.2	45.89
4.779	29.44	73.32	0.72	5.87	270.75	1.19	45.89
4.803	29.44	73.32	0.8	5.87	272.77	1.13	45.89
4.824	29.44	73.32	0.88	5.87	293.36	1.11	45.89
4.843	29.44	73.32	0.95	5.87	295.88	1.17	45.89
4.861	29.44	73.32	0.84	5.86	263.93	1.13	45.89
4.881	29.44	73.32	0.8	5.86	275.94	1.11	45.89
4.903	29.44	73.32	0.88	5.85	294.38	1.08	45.89
4.929	29.44	73.32	0.92	5.85	279.48	1.08	45.89
4.955	29.44	73.32	0.76	5.85	254.33	1.15	45.89
4.977	29.44	73.32	0.84	5.86	261.5	1.11	45.89
4.995	29.44	73.32	0.92	5.87	269.5	1.17	45.89
5.012	29.44	73.32	0.95	5.88	258.43	1.28	45.89
5.028	29.44	73.32	0.99	5.89	250.58	1.2	45.89
5.046	29.44	73.32	0.76	5.88	261.44	1.06	45.89
5.068	29.44	73.32	0.92	5.88	258.19	1.23	45.89
5.097	29.44	73.32	0.92	5.88	259.45	1.14	45.89
5.127	29.44	73.32	0.99	5.88	263.81	1.06	45.89
5.147	29.44	73.32	0.84	5.87	242.75	1.05	45.89
5.158	29.44	73.32	0.88	5.87	241.46	1.08	45.89
5.167	29.44	73.32	0.88	5.86	267.63	1.11	45.89
5.177	29.44	73.32	0.95	5.86	252.8	1.14	45.89
5.198	29.44	73.32	0.92	5.86	234.18	1.19	45.89
5.229	29.44	73.32	1.03	5.86	241.18	1.12	45.89
5.26	29.44	73.32	0.92	5.86	251.51	1.11	45.89
5.284	29.44	73.32	0.88	5.86	240.23	1.11	45.89
5.299	29.44	73.32	0.99	5.86	241.96	1.18	45.89
5.311	29.45	73.32	1.03	5.87	235.43	1.1	45.89
5.328	29.45	73.32	0.95	5.88	232.4	1.15	45.89
5.351	29.45	73.32	0.84	5.88	235.16	1.14	45.89
5.375	29.45	73.32	0.84	5.88	233.91	1.15	45.89
5.395	29.45	73.32	0.92	5.88	232.51	1.15	45.89
5.414	29.45	73.32	0.99	5.89	236.47	1.51	45.89
5.436	29.45	73.32	0.92	5.91	229.61	1.19	45.89
5.464	29.45	73.32	0.92	5.91	235.54	1.13	45.89
5.487	29.45	73.32	0.88	5.92	228.76	1.08	45.89
5.501	29.45	73.32	0.92	5.92	222.18	1.04	45.89
5.513	29.45	73.32	0.92	5.92	216.04	1.14	45.89
5.533	29.45	73.32	0.84	5.92	226.6	1.09	45.89
5.561	29.45	73.33	0.92	5.91	227.02	1.16	45.89
5.589	29.45	73.33	0.76	5.91	213.89	1.08	45.89
5.612	29.45	73.33	0.92	5.91	215.14	1.04	45.89

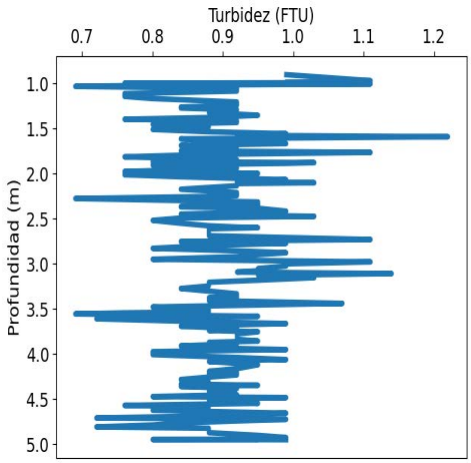
5.628	29.45	73.33	0.92	5.91	223.94	1.17	45.89
5.64	29.45	73.33	0.84	5.91	212.26	1.21	45.89
5.647	29.45	73.33	0.95	5.9	207.88	1.02	45.89
5.652	29.45	73.33	0.8	5.91	220.54	1.01	45.89
5.657	29.45	73.33	0.92	5.92	224.67	0.96	45.89
5.659	29.45	73.33	0.92	5.93	212.71	1.0	45.89
5.66	29.45	73.33	0.84	5.95	219.72	1.0	45.89

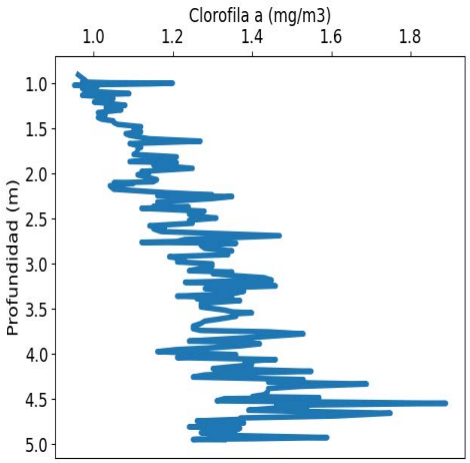
Nombre: CTD E10 - Punto 019 **Fecha: 27/08/2024** **Hora: 10:08:46**

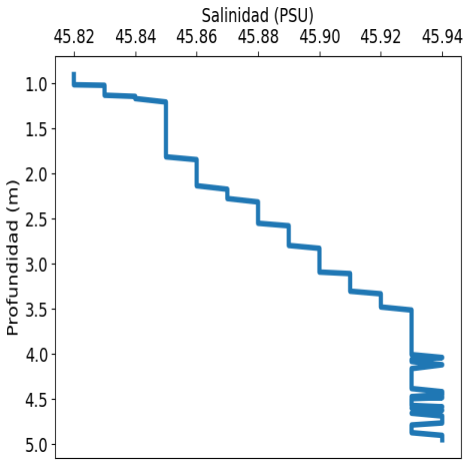


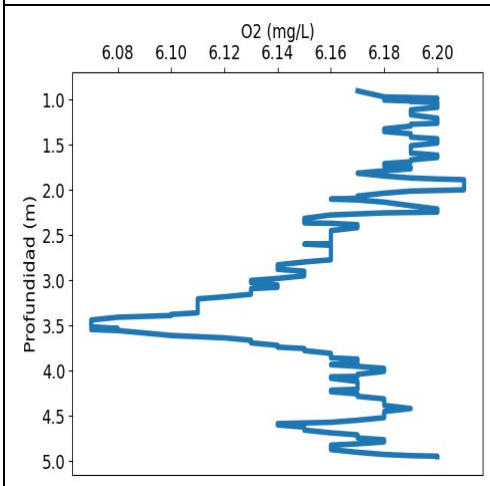


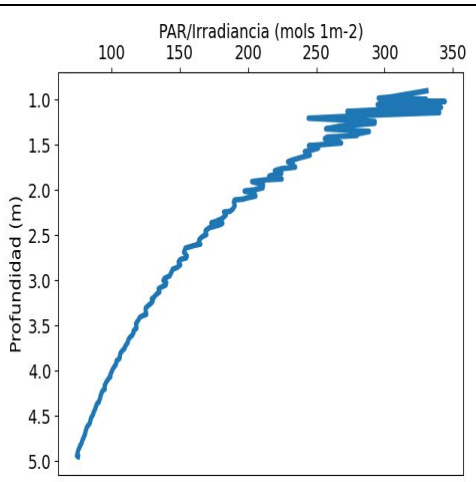












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.2	72.9	0.69	6.07	74.59	0.95	45.82
PROF (metros)	2.731	0.904	1.034	3.439	4.939	1.022	0.904
MÁXIMO	29.22	29.22	1.22	6.21	344.07	1.89	45.94
PROF (metros)	4.687	4.95	1.592	1.887	1.022	4.547	4.039

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	29.21	72.9	0.98	6.19	315.18	1.02	45.82
1 - 2m	29.21	72.94	0.89	6.19	258.29	1.08	45.85
2 - 3m	29.21	72.99	0.91	6.16	169.8	1.21	45.88
3 - 4m	29.2	73.04	0.9	6.12	119.41	1.33	45.92
4 - 5m	29.21	73.08	0.89	6.17	85.96	1.42	45.93

OBSERVACIONES GENERALES

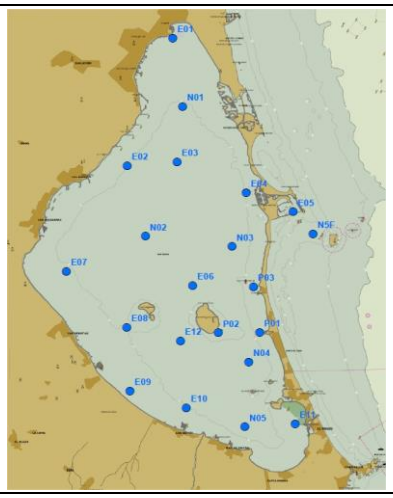
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.904	29.21	72.9	0.99	6.17	330.63	0.96	45.82
0.971	29.21	72.9	1.11	6.18	304.93	0.98	45.82
0.985	29.21	72.9	1.03	6.2	295.54	0.97	45.82
0.987	29.21	72.9	0.99	6.2	304.02	0.98	45.82
0.994	29.21	72.9	0.99	6.2	325.53	1.04	45.82
0.998	29.21	72.91	0.76	6.18	330.4	1.2	45.82
1.006	29.21	72.91	1.11	6.18	299.89	1.14	45.82
1.016	29.21	72.91	0.92	6.19	307.92	0.98	45.82
1.022	29.21	72.91	0.8	6.19	344.07	0.95	45.83
1.034	29.21	72.91	0.69	6.2	313.39	1.01	45.83
1.057	29.21	72.91	0.92	6.2	294.79	0.97	45.83
1.086	29.21	72.92	0.92	6.2	341.37	0.98	45.83
1.114	29.21	72.92	0.76	6.19	295.95	1.09	45.83
1.132	29.21	72.92	0.76	6.19	272.64	0.97	45.83
1.145	29.21	72.93	0.76	6.19	340.03	1.01	45.84
1.169	29.21	72.93	0.8	6.19	297.26	1.05	45.84
1.207	29.21	72.94	0.92	6.2	244.27	1.0	45.85
1.243	29.21	72.94	0.92	6.2	292.81	1.08	45.85
1.263	29.21	72.94	0.84	6.2	292.68	1.03	45.85
1.274	29.21	72.95	0.84	6.19	284.06	1.03	45.85
1.294	29.21	72.95	0.92	6.19	267.38	1.07	45.85
1.325	29.21	72.95	0.88	6.18	256.99	1.01	45.85
1.354	29.21	72.95	0.95	6.18	288.57	1.03	45.85
1.379	29.21	72.95	0.88	6.19	280.26	1.01	45.85
1.398	29.21	72.95	0.76	6.19	279.61	1.02	45.85
1.416	29.21	72.95	0.92	6.19	257.95	1.05	45.85
1.434	29.21	72.95	0.92	6.2	256.1	1.05	45.85
1.455	29.21	72.95	0.8	6.2	264.67	1.06	45.85
1.481	29.21	72.95	0.88	6.2	268.19	1.12	45.85
1.511	29.21	72.95	0.8	6.19	244.44	1.1	45.85
1.537	29.21	72.95	0.88	6.19	251.34	1.12	45.85
1.558	29.21	72.95	0.99	6.19	246.95	1.08	45.85
1.576	29.21	72.95	0.92	6.19	241.46	1.09	45.85
1.592	29.21	72.95	1.22	6.19	242.69	1.11	45.85
1.615	29.21	72.95	0.84	6.2	245.29	1.14	45.85
1.641	29.21	72.95	0.88	6.2	238.79	1.27	45.85
1.668	29.21	72.95	0.99	6.19	232.83	1.09	45.85

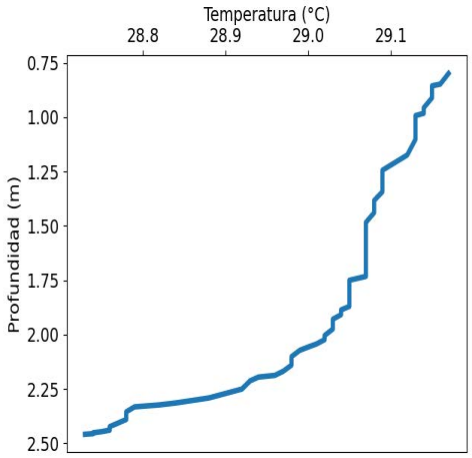
1.689	29.21	72.95	0.84	6.19	229.14	1.11	45.85
1.709	29.21	72.95	0.88	6.18	232.67	1.12	45.85
1.729	29.21	72.95	0.92	6.18	232.78	1.11	45.85
1.748	29.21	72.95	0.84	6.19	234.51	1.11	45.85
1.766	29.21	72.95	1.11	6.19	224.15	1.11	45.85
1.788	29.21	72.95	0.88	6.18	219.52	1.1	45.85
1.815	29.21	72.95	0.76	6.17	224.41	1.21	45.85
1.846	29.21	72.96	0.92	6.18	215.49	1.14	45.86
1.868	29.21	72.96	0.8	6.19	216.54	1.09	45.86
1.879	29.21	72.96	1.03	6.2	224.67	1.21	45.86
1.887	29.21	72.96	0.99	6.21	213.7	1.15	45.86
1.907	29.21	72.96	0.8	6.21	202.84	1.15	45.86
1.942	29.21	72.96	0.92	6.21	211.04	1.25	45.86
1.977	29.21	72.96	0.76	6.21	210.7	1.12	45.86
1.999	29.21	72.96	0.95	6.21	204.39	1.14	45.86
2.013	29.21	72.96	0.76	6.19	197.36	1.11	45.86
2.036	29.21	72.96	0.84	6.18	204.63	1.13	45.86
2.068	29.21	72.96	0.99	6.17	205.44	1.16	45.86
2.092	29.21	72.96	0.92	6.17	198.33	1.15	45.86
2.102	29.21	72.96	1.03	6.16	196.41	1.05	45.86
2.111	29.21	72.96	0.92	6.17	190.09	1.1	45.86
2.135	29.21	72.96	0.92	6.18	189.56	1.04	45.86
2.174	29.21	72.98	0.84	6.19	190.27	1.05	45.87
2.211	29.21	72.98	0.92	6.2	188.86	1.18	45.87
2.237	29.21	72.98	0.92	6.2	186.69	1.3	45.87
2.245	29.21	72.99	0.92	6.2	182.32	1.16	45.87
2.254	29.21	72.99	0.88	6.18	183.47	1.35	45.87
2.277	29.21	72.98	0.69	6.16	183.77	1.3	45.87
2.315	29.21	72.99	0.95	6.15	181.19	1.16	45.88
2.349	29.21	72.99	0.95	6.15	176.3	1.18	45.88
2.365	29.21	72.99	0.84	6.15	173.02	1.15	45.88
2.369	29.21	72.99	0.84	6.16	181.19	1.24	45.88
2.385	29.21	72.99	0.95	6.17	179.39	1.12	45.88
2.417	29.21	72.99	0.99	6.17	171.78	1.28	45.88
2.45	29.21	72.99	0.84	6.16	168.86	1.24	45.88
2.474	29.21	72.99	1.03	6.16	168.82	1.26	45.88
2.493	29.21	73.0	0.84	6.16	169.53	1.31	45.88
2.519	29.21	73.0	0.8	6.16	166.22	1.24	45.88
2.551	29.21	73.0	0.84	6.16	164.23	1.25	45.88
2.579	29.21	73.0	0.88	6.16	163.96	1.14	45.89
2.593	29.21	73.0	0.92	6.16	163.32	1.16	45.89
2.6	29.21	73.0	0.95	6.15	165.07	1.18	45.89
2.612	29.21	73.0	0.88	6.16	161.06	1.15	45.89
2.643	29.21	73.0	0.88	6.16	154.19	1.17	45.89
2.689	29.21	73.0	0.88	6.16	153.05	1.47	45.89
2.731	29.2	73.0	1.11	6.16	155.23	1.23	45.89
2.753	29.2	73.0	0.84	6.16	154.59	1.21	45.89
2.762	29.2	73.0	0.95	6.16	152.06	1.12	45.89
2.773	29.2	73.0	0.99	6.16	150.1	1.36	45.89
2.797	29.2	73.0	0.88	6.15	149.06	1.27	45.89
2.829	29.2	73.0	0.8	6.14	150.35	1.28	45.9
2.857	29.2	73.0	0.92	6.14	148.07	1.35	45.9
2.878	29.2	73.01	0.99	6.14	144.77	1.32	45.9
2.899	29.2	73.01	0.95	6.15	144.17	1.34	45.9
2.922	29.2	73.01	0.92	6.15	143.5	1.19	45.9
2.95	29.2	73.01	0.8	6.15	142.61	1.23	45.9
2.979	29.2	73.01	1.11	6.14	138.76	1.21	45.9
3.001	29.2	73.01	0.99	6.13	137.93	1.3	45.9

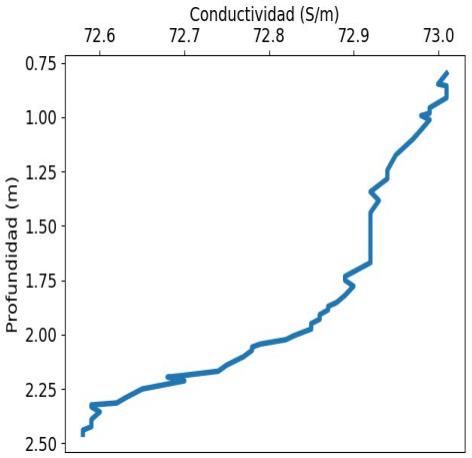
3.025	29.2	73.01	0.99	6.13	140.12	1.3	45.9
3.052	29.2	73.01	0.95	6.14	139.73	1.27	45.9
3.077	29.2	73.01	0.95	6.14	136.28	1.24	45.9
3.092	29.2	73.01	0.92	6.13	134.49	1.35	45.9
3.109	29.2	73.02	1.14	6.13	134.77	1.3	45.91
3.13	29.2	73.02	0.95	6.13	135.05	1.35	45.91
3.154	29.2	73.02	1.03	6.13	132.91	1.43	45.91
3.182	29.2	73.02	0.95	6.12	131.34	1.45	45.91
3.205	29.2	73.02	0.88	6.11	129.44	1.23	45.91
3.225	29.2	73.02	0.88	6.11	130.22	1.4	45.91
3.246	29.2	73.02	0.88	6.11	129.53	1.46	45.91
3.274	29.2	73.03	0.84	6.11	127.27	1.28	45.91
3.304	29.2	73.02	0.88	6.11	125.08	1.38	45.91
3.333	29.2	73.03	0.92	6.11	124.93	1.35	45.92
3.359	29.2	73.03	0.92	6.11	125.28	1.21	45.92
3.377	29.2	73.03	0.88	6.1	125.48	1.35	45.92
3.389	29.2	73.03	0.92	6.1	123.09	1.26	45.92
3.408	29.2	73.03	0.88	6.08	120.8	1.37	45.92
3.439	29.2	73.03	1.07	6.07	119.63	1.27	45.92
3.479	29.2	73.04	0.8	6.07	117.87	1.27	45.92
3.513	29.2	73.04	0.88	6.07	118.28	1.33	45.93
3.533	29.2	73.05	0.88	6.08	118.23	1.35	45.93
3.544	29.2	73.05	0.76	6.07	116.95	1.4	45.93
3.556	29.2	73.05	0.69	6.08	116.19	1.35	45.93
3.582	29.21	73.05	0.95	6.09	116.11	1.36	45.93
3.61	29.21	73.05	0.72	6.1	114.96	1.32	45.93
3.636	29.21	73.06	0.84	6.12	113.13	1.28	45.93
3.663	29.21	73.06	0.99	6.13	112.19	1.27	45.93
3.692	29.21	73.06	0.84	6.13	111.8	1.25	45.93
3.719	29.21	73.07	0.92	6.14	110.41	1.25	45.93
3.739	29.21	73.07	0.88	6.14	109.65	1.27	45.93
3.754	29.21	73.07	0.95	6.15	109.6	1.44	45.93
3.777	29.21	73.07	0.92	6.15	107.91	1.53	45.93
3.808	29.21	73.07	0.92	6.16	106.42	1.43	45.93
3.837	29.21	73.07	0.92	6.16	106.07	1.32	45.93
3.857	29.21	73.07	0.95	6.16	106.0	1.24	45.93
3.871	29.21	73.07	0.88	6.17	105.48	1.39	45.93
3.887	29.21	73.07	0.92	6.17	103.81	1.42	45.93
3.91	29.21	73.07	0.84	6.17	103.47	1.37	45.93
3.933	29.21	73.07	0.88	6.16	103.19	1.29	45.93
3.951	29.21	73.07	0.99	6.17	102.14	1.21	45.93
3.974	29.21	73.07	0.8	6.18	101.2	1.16	45.93
4.007	29.21	73.07	0.8	6.18	100.15	1.36	45.93
4.039	29.21	73.07	0.92	6.17	99.29	1.21	45.94
4.062	29.21	73.07	0.99	6.17	98.83	1.46	45.93
4.067	29.21	73.07	0.95	6.16	99.22	1.43	45.93
4.083	29.21	73.07	0.88	6.16	98.06	1.38	45.93
4.119	29.21	73.07	0.95	6.17	96.41	1.4	45.94
4.162	29.21	73.07	0.92	6.17	94.97	1.3	45.93
4.192	29.21	73.07	0.88	6.17	94.99	1.55	45.93
4.205	29.21	73.07	0.92	6.17	95.06	1.43	45.93
4.215	29.21	73.08	0.88	6.16	93.79	1.39	45.93
4.232	29.21	73.07	0.92	6.16	93.03	1.28	45.93
4.256	29.21	73.07	0.88	6.17	92.47	1.25	45.93
4.283	29.21	73.07	0.84	6.17	91.92	1.53	45.93
4.311	29.21	73.07	0.88	6.18	91.51	1.44	45.93
4.333	29.21	73.07	0.84	6.18	90.92	1.69	45.93
4.347	29.21	73.07	0.95	6.18	90.71	1.6	45.93

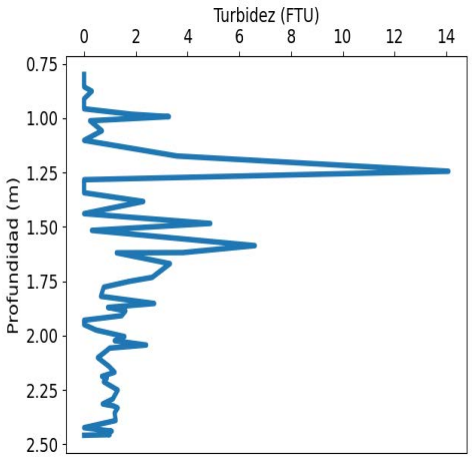
4.359	29.21	73.07	0.84	6.18	89.58	1.52	45.93
4.383	29.21	73.07	0.92	6.18	88.88	1.44	45.93
4.418	29.21	73.07	0.88	6.19	88.16	1.44	45.94
4.451	29.21	73.07	0.92	6.18	87.21	1.43	45.94
4.472	29.21	73.07	0.8	6.18	86.58	1.4	45.93
4.483	29.21	73.08	0.99	6.18	86.52	1.57	45.94
4.495	29.21	73.08	0.92	6.18	86.04	1.33	45.93
4.519	29.21	73.08	0.88	6.18	85.11	1.31	45.93
4.547	29.21	73.08	0.95	6.17	84.6	1.89	45.93
4.57	29.21	73.08	0.76	6.16	84.28	1.46	45.93
4.585	29.21	73.08	0.88	6.14	83.92	1.54	45.94
4.599	29.21	73.08	0.84	6.14	83.14	1.46	45.93
4.623	29.21	73.08	0.8	6.15	81.97	1.39	45.94
4.656	29.21	73.08	0.99	6.15	81.27	1.75	45.93
4.687	29.22	73.08	0.88	6.16	80.75	1.61	45.94
4.709	29.22	73.08	0.72	6.17	80.47	1.37	45.94
4.724	29.22	73.08	0.99	6.17	79.93	1.37	45.94
4.742	29.22	73.08	0.92	6.17	79.5	1.26	45.94
4.764	29.22	73.08	0.84	6.18	78.82	1.38	45.94
4.787	29.22	73.08	0.8	6.18	78.3	1.34	45.93
4.808	29.22	73.08	0.72	6.17	77.88	1.24	45.93
4.823	29.22	73.08	0.88	6.16	77.2	1.37	45.93
4.843	29.22	73.08	0.88	6.16	76.63	1.36	45.93
4.872	29.22	73.08	0.88	6.16	75.81	1.27	45.93
4.902	29.22	73.08	0.95	6.17	75.22	1.33	45.94
4.926	29.22	73.08	0.99	6.18	74.96	1.59	45.94
4.939	29.22	73.08	0.92	6.19	74.59	1.4	45.94
4.945	29.22	73.08	0.95	6.2	74.96	1.26	45.94
4.948	29.22	73.08	0.8	6.2	75.01	1.25	45.94
4.95	29.22	73.09	0.99	6.2	75.45	1.33	45.94

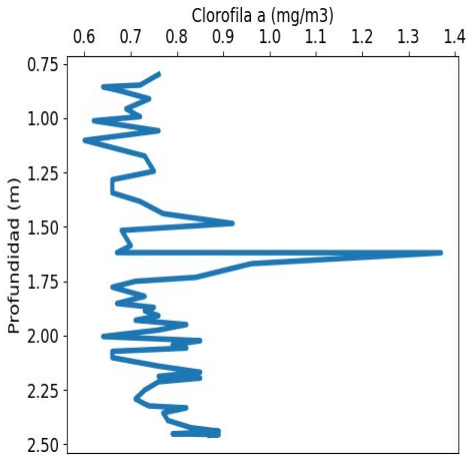
Nombre: CTD E09 - Punto 020 **Fecha: 27/08/2024** **Hora: 11:08:05**

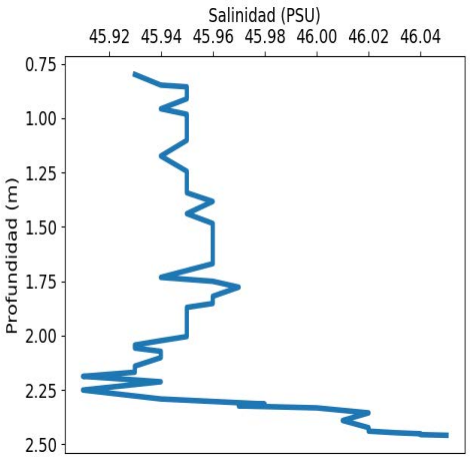


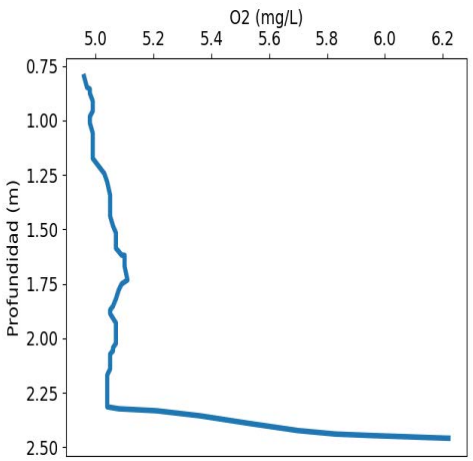


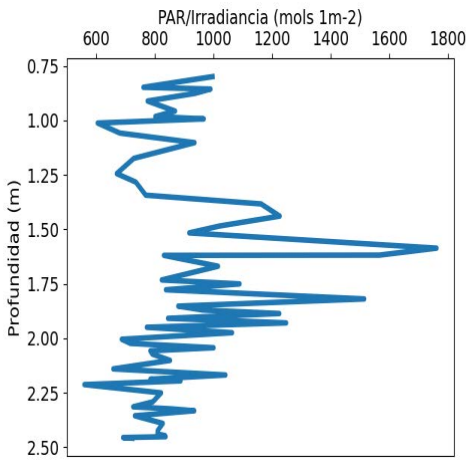


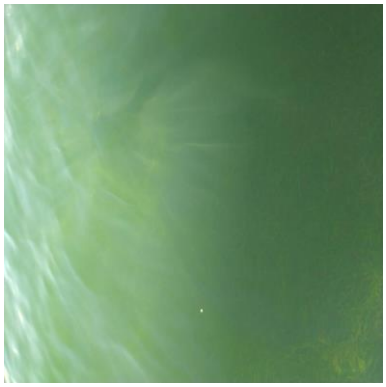












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	28.73	72.58	0.0	4.96	559.54	0.6	45.91
PROF (metros)	2.458	2.439	0.799	0.799	2.212	1.102	2.187
MÁXIMO	29.17	29.17	14.08	6.22	1761.1	1.37	46.05
PROF (metros)	0.799	0.799	1.244	2.458	1.586	1.619	2.458

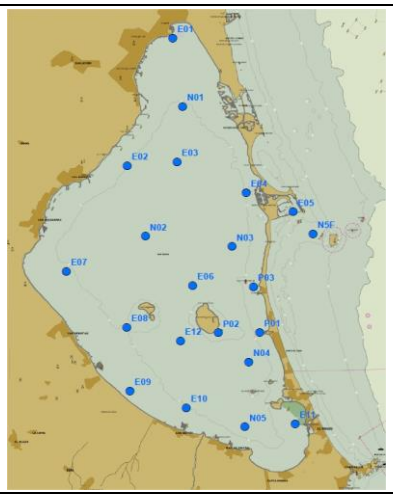
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	29.14	72.99	1.81	4.98	901.74	0.7	45.95
1 - 2m	29.07	72.91	2.7	5.06	1010.08	0.77	45.96
2 - 3m	28.89	72.68	1.08	5.27	801.07	0.78	45.96

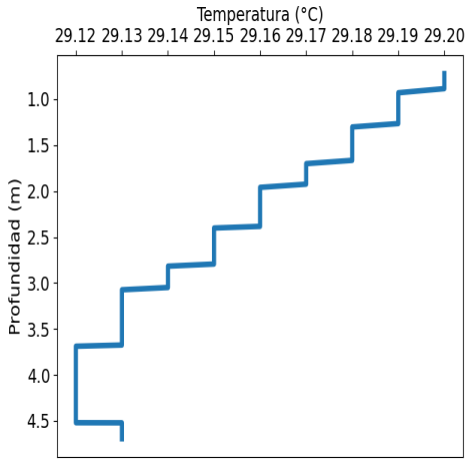
OBSERVACIONES GENERALES

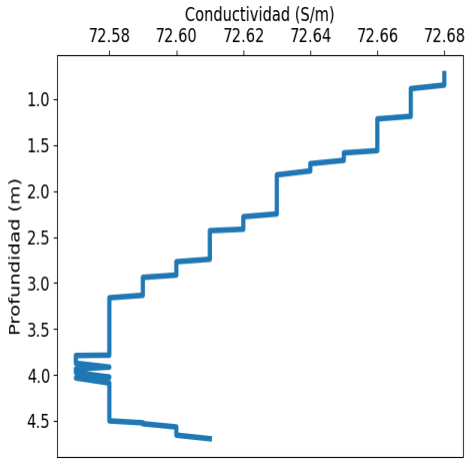
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.799	29.17	73.01	0.0	4.96	997.18	0.76	45.93
0.848	29.16	73.0	0.0	4.97	760.68	0.72	45.94
0.856	29.15	73.01	0.0	4.98	990.27	0.64	45.95
0.876	29.15	73.01	0.3	4.98	936.69	0.68	45.95
0.911	29.15	73.01	0.0	4.99	775.1	0.74	45.95
0.957	29.14	72.99	0.0	4.99	869.33	0.69	45.94
0.982	29.14	72.99	1.83	4.98	801.41	0.71	45.95
0.993	29.13	72.98	3.28	4.98	967.13	0.72	45.95
1.012	29.13	72.99	0.23	4.98	604.72	0.62	45.95
1.058	29.13	72.98	0.69	4.99	680.91	0.76	45.95
1.102	29.13	72.97	0.0	4.99	935.61	0.6	45.95
1.174	29.12	72.95	3.59	4.99	728.42	0.73	45.94
1.244	29.09	72.94	14.08	5.03	669.95	0.75	45.95
1.283	29.09	72.94	0.0	5.04	735.2	0.66	45.95
1.343	29.09	72.92	0.0	5.05	769.02	0.66	45.95
1.383	29.08	72.93	2.29	5.05	1162.3	0.72	45.96
1.439	29.08	72.92	0.0	5.05	1226.2	0.77	45.95
1.484	29.07	72.92	4.88	5.06	1022.5	0.92	45.96
1.516	29.07	72.92	0.3	5.07	917.14	0.68	45.96
1.586	29.07	72.92	6.6	5.07	1761.1	0.7	45.96
1.618	29.07	72.92	3.82	5.09	1565.9	0.67	45.96
1.619	29.07	72.92	1.26	5.1	830.72	1.37	45.96
1.669	29.07	72.92	3.32	5.1	1015.8	0.96	45.96
1.732	29.07	72.89	2.63	5.11	823.44	0.84	45.94
1.75	29.05	72.89	1.76	5.09	1089.2	0.71	45.96
1.777	29.05	72.9	0.76	5.08	837.68	0.66	45.97
1.819	29.05	72.89	0.65	5.07	1514.5	0.73	45.96
1.852	29.05	72.88	2.71	5.06	879.67	0.67	45.96
1.87	29.05	72.87	0.92	5.05	964.45	0.75	45.95
1.886	29.04	72.87	1.6	5.05	1224.8	0.73	45.95
1.908	29.04	72.86	1.45	5.06	844.7	0.76	45.95
1.929	29.03	72.86	0.0	5.07	1248.3	0.71	45.95
1.949	29.03	72.85	0.0	5.07	772.41	0.82	45.95
1.974	29.03	72.85	0.46	5.07	1063.8	0.76	45.95
2.004	29.02	72.83	1.56	5.07	686.93	0.64	45.95
2.023	29.02	72.82	1.18	5.07	716.7	0.85	45.94
2.043	29.01	72.79	2.4	5.06	1000.7	0.79	45.93
2.057	29.0	72.78	0.99	5.06	784.5	0.82	45.93
2.072	28.99	72.78	0.84	5.05	791.44	0.66	45.94

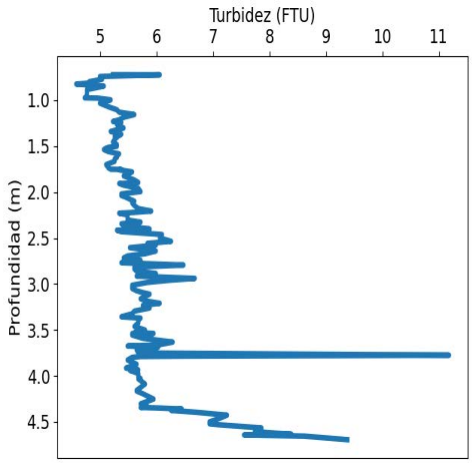
2.101	28.98	72.77	0.53	5.05	852.17	0.66	45.94
2.14	28.98	72.75	0.95	5.05	658.1	0.76	45.93
2.168	28.97	72.74	1.18	5.04	1041.1	0.85	45.93
2.187	28.96	72.7	0.69	5.04	784.86	0.76	45.91
2.195	28.94	72.68	0.88	5.04	887.86	0.85	45.92
2.212	28.93	72.7	0.76	5.04	559.54	0.76	45.94
2.25	28.92	72.65	1.3	5.04	821.53	0.73	45.91
2.291	28.88	72.63	1.11	5.04	793.28	0.71	45.94
2.314	28.84	72.62	0.72	5.04	725.89	0.73	45.98
2.323	28.82	72.59	1.14	5.08	852.37	0.74	45.97
2.332	28.79	72.59	1.3	5.21	934.74	0.82	46.0
2.355	28.78	72.6	1.18	5.36	731.63	0.77	46.02
2.39	28.78	72.59	1.22	5.53	827.45	0.78	46.01
2.423	28.76	72.59	0.0	5.7	809.81	0.83	46.02
2.439	28.76	72.58	1.07	5.83	809.06	0.89	46.02
2.446	28.75	72.58	0.8	5.96	834.97	0.84	46.03
2.451	28.74	72.58	0.84	6.07	837.1	0.79	46.04
2.455	28.74	72.58	0.99	6.15	691.57	0.89	46.04
2.458	28.73	72.58	0.0	6.22	723.37	0.87	46.05

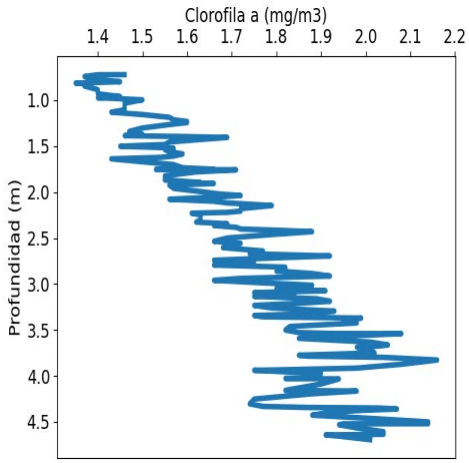
Nombre: CTD E08 - Punto 021 **Fecha: 27/08/2024** **Hora: 11:08:43**

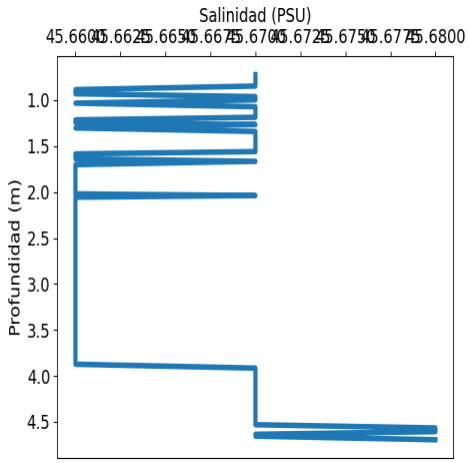


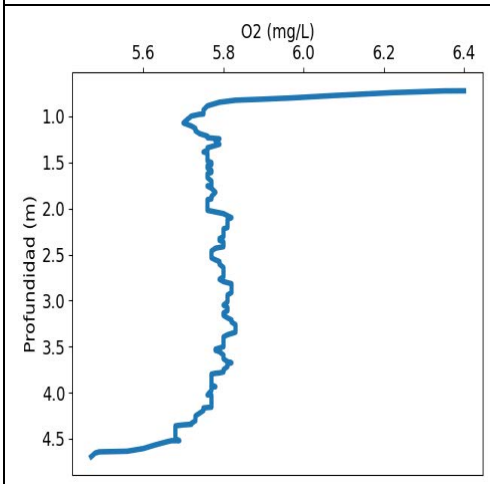


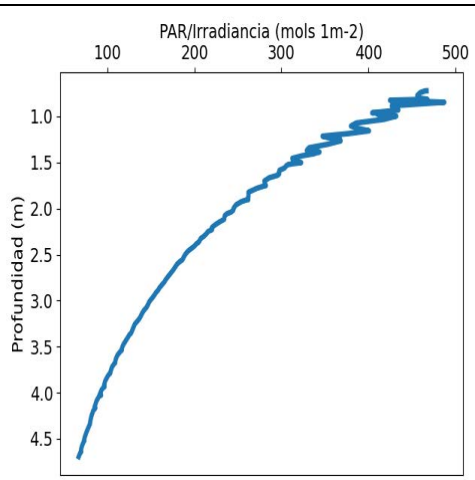












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m^3)	Salinidad (PSU)
MÍNIMO	29.12	72.57	4.58	5.47	66.93	1.35	45.66
PROF (metros)	3.716	3.789	0.825	4.694	4.694	0.815	0.886
MÁXIMO	29.2	29.2	11.18	6.4	487.46	2.16	45.68
PROF (metros)	0.723	0.723	3.775	0.723	0.847	3.827	4.566

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	29.2	72.68	4.98	5.93	444.47	1.41	45.67
1 - 2m	29.18	72.65	5.33	5.76	314.68	1.55	45.67
2 - 3m	29.15	72.61	5.7	5.8	194.58	1.72	45.66
3 - 4m	29.13	72.58	5.86	5.8	118.78	1.91	45.66
4 - 5m	29.12	72.59	6.68	5.68	78.22	1.94	45.67

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.723	29.2	72.68	5.23	6.4	467.0	1.46	45.67
0.724	29.2	72.68	6.06	6.35	465.06	1.4	45.67
0.743	29.2	72.68	5.0	6.22	459.59	1.37	45.67
0.773	29.2	72.68	5.04	6.08	456.3	1.39	45.67
0.8	29.2	72.68	4.81	5.97	457.15	1.45	45.67
0.815	29.2	72.68	4.81	5.89	467.98	1.35	45.67
0.825	29.2	72.68	4.58	5.83	424.86	1.38	45.67
0.847	29.2	72.68	5.07	5.79	487.46	1.37	45.67
0.886	29.2	72.67	4.77	5.76	426.84	1.4	45.66
0.931	29.19	72.67	4.77	5.75	434.62	1.4	45.66
0.962	29.19	72.67	4.77	5.75	404.4	1.45	45.67
0.975	29.19	72.67	4.73	5.75	428.32	1.4	45.67
0.978	29.19	72.67	4.96	5.74	410.82	1.42	45.67
0.997	29.19	72.67	5.19	5.72	432.21	1.5	45.67
1.033	29.19	72.67	5.0	5.71	417.93	1.46	45.66
1.072	29.19	72.67	5.15	5.7	386.17	1.46	45.67
1.105	29.19	72.67	5.3	5.72	379.95	1.46	45.67
1.131	29.19	72.67	5.34	5.73	388.23	1.43	45.67
1.157	29.19	72.67	5.61	5.73	400.85	1.5	45.67
1.187	29.19	72.67	5.42	5.74	377.32	1.56	45.67
1.215	29.19	72.66	5.34	5.76	347.28	1.57	45.66
1.232	29.19	72.66	5.23	5.76	354.02	1.6	45.66
1.244	29.19	72.66	5.38	5.79	367.31	1.6	45.66
1.266	29.19	72.66	5.3	5.78	368.25	1.56	45.67
1.303	29.18	72.66	5.42	5.79	353.37	1.5	45.66
1.341	29.18	72.66	5.19	5.76	331.78	1.47	45.67
1.371	29.18	72.66	5.38	5.76	329.1	1.5	45.67
1.387	29.18	72.66	5.34	5.75	343.99	1.46	45.67
1.396	29.18	72.66	5.26	5.76	340.19	1.59	45.67
1.406	29.18	72.66	5.3	5.76	337.36	1.69	45.67
1.428	29.18	72.66	5.26	5.76	323.87	1.63	45.67
1.456	29.18	72.66	5.23	5.76	312.52	1.56	45.67
1.483	29.18	72.66	5.3	5.76	314.12	1.55	45.67
1.502	29.18	72.66	5.3	5.77	322.9	1.45	45.67
1.514	29.18	72.66	5.15	5.77	313.39	1.53	45.67
1.523	29.18	72.66	5.11	5.77	307.77	1.57	45.67
1.538	29.18	72.66	5.07	5.76	305.43	1.55	45.67

1.56	29.18	72.66	5.15	5.76	303.74	1.56	45.67
1.585	29.18	72.65	5.34	5.77	297.81	1.59	45.66
1.608	29.18	72.65	5.3	5.77	297.05	1.57	45.66
1.623	29.18	72.65	5.3	5.76	297.6	1.54	45.66
1.639	29.18	72.65	5.26	5.76	295.88	1.43	45.66
1.666	29.18	72.65	5.26	5.76	286.17	1.49	45.67
1.702	29.17	72.64	5.11	5.77	280.33	1.57	45.66
1.736	29.17	72.64	5.15	5.77	281.5	1.59	45.66
1.752	29.17	72.64	5.19	5.77	282.22	1.66	45.66
1.754	29.17	72.64	5.38	5.76	279.87	1.53	45.66
1.758	29.17	72.64	5.34	5.76	279.42	1.71	45.66
1.781	29.17	72.64	5.57	5.77	271.76	1.62	45.66
1.824	29.17	72.63	5.42	5.78	262.11	1.55	45.66
1.869	29.17	72.63	5.61	5.77	262.17	1.55	45.66
1.896	29.17	72.63	5.68	5.77	261.5	1.63	45.66
1.904	29.17	72.63	5.49	5.76	261.98	1.59	45.66
1.907	29.17	72.63	5.34	5.76	259.81	1.66	45.66
1.925	29.17	72.63	5.42	5.76	254.15	1.56	45.66
1.96	29.16	72.63	5.68	5.76	247.92	1.57	45.66
1.995	29.16	72.63	5.72	5.76	245.07	1.63	45.66
2.02	29.16	72.63	5.38	5.76	244.61	1.67	45.66
2.038	29.16	72.63	5.38	5.78	242.36	1.72	45.67
2.056	29.16	72.63	5.46	5.8	237.57	1.66	45.66
2.078	29.16	72.63	5.53	5.81	234.84	1.56	45.66
2.1	29.16	72.63	5.61	5.82	234.51	1.66	45.66
2.118	29.16	72.63	5.57	5.81	234.18	1.69	45.66
2.147	29.16	72.63	5.61	5.81	228.66	1.79	45.66
2.18	29.16	72.63	5.68	5.81	223.42	1.72	45.66
2.207	29.16	72.63	5.91	5.81	220.08	1.72	45.66
2.221	29.16	72.63	5.61	5.8	219.93	1.69	45.66
2.23	29.16	72.63	5.34	5.8	220.28	1.61	45.66
2.249	29.16	72.63	5.49	5.8	215.89	1.63	45.66
2.279	29.16	72.62	5.49	5.8	213.3	1.63	45.66
2.305	29.16	72.62	5.49	5.8	210.4	1.63	45.66
2.327	29.16	72.62	5.72	5.79	207.11	1.62	45.66
2.345	29.16	72.62	5.38	5.79	206.2	1.69	45.66
2.364	29.16	72.62	5.42	5.8	205.11	1.66	45.66
2.384	29.16	72.62	5.65	5.8	202.18	1.71	45.66
2.402	29.15	72.62	5.88	5.8	200.55	1.72	45.66
2.415	29.15	72.62	5.3	5.8	199.16	1.8	45.66
2.431	29.15	72.61	5.38	5.78	196.95	1.88	45.66
2.462	29.15	72.61	6.1	5.77	192.71	1.79	45.66
2.5	29.15	72.61	6.06	5.77	189.34	1.69	45.66
2.536	29.15	72.61	6.26	5.77	187.25	1.66	45.66
2.558	29.15	72.61	5.84	5.78	186.08	1.72	45.66
2.577	29.15	72.61	5.99	5.79	183.17	1.69	45.66
2.605	29.15	72.61	5.53	5.79	180.01	1.68	45.66
2.641	29.15	72.61	5.99	5.8	177.49	1.77	45.66
2.671	29.15	72.61	5.8	5.8	175.36	1.74	45.66
2.695	29.15	72.61	5.49	5.8	173.38	1.92	45.66
2.717	29.15	72.61	5.42	5.8	171.5	1.79	45.66
2.742	29.15	72.61	5.72	5.8	169.64	1.66	45.66
2.769	29.15	72.6	5.38	5.79	167.22	1.75	45.66
2.794	29.15	72.6	6.48	5.8	165.72	1.66	45.66
2.817	29.14	72.6	5.61	5.82	163.66	1.82	45.66
2.838	29.14	72.6	5.61	5.82	161.85	1.82	45.66
2.86	29.14	72.6	5.65	5.82	159.91	1.8	45.66
2.886	29.14	72.6	5.99	5.82	158.29	1.88	45.66

2.914	29.14	72.6	5.65	5.82	155.7	1.92	45.66
2.939	29.14	72.59	6.68	5.81	153.94	1.72	45.66
2.96	29.14	72.59	6.22	5.81	152.52	1.66	45.66
2.983	29.14	72.59	5.84	5.81	150.49	1.75	45.66
3.014	29.14	72.59	5.57	5.81	147.96	1.88	45.66
3.049	29.14	72.59	5.57	5.8	146.39	1.8	45.66
3.074	29.13	72.59	5.65	5.81	144.81	1.91	45.66
3.094	29.13	72.59	5.76	5.81	143.01	1.75	45.66
3.111	29.13	72.59	5.88	5.81	141.55	1.84	45.66
3.134	29.13	72.59	5.8	5.8	140.12	1.75	45.66
3.161	29.13	72.58	5.72	5.8	138.7	1.89	45.66
3.188	29.13	72.58	5.84	5.81	137.16	1.92	45.66
3.21	29.13	72.58	6.06	5.82	135.58	1.85	45.66
3.233	29.13	72.58	5.76	5.82	133.37	1.75	45.66
3.261	29.13	72.58	5.88	5.83	131.13	1.79	45.66
3.295	29.13	72.58	5.61	5.83	129.68	1.93	45.66
3.324	29.13	72.58	5.57	5.83	128.42	1.88	45.66
3.343	29.13	72.58	5.46	5.83	127.65	1.75	45.66
3.357	29.13	72.58	5.38	5.82	126.74	1.77	45.66
3.371	29.13	72.58	5.72	5.81	125.28	1.99	45.66
3.394	29.13	72.58	5.68	5.8	123.78	1.95	45.66
3.424	29.13	72.58	5.68	5.8	121.84	1.98	45.66
3.462	29.13	72.58	5.61	5.8	119.22	1.83	45.66
3.501	29.13	72.58	5.8	5.8	117.19	1.82	45.66
3.528	29.13	72.58	5.61	5.78	116.32	1.85	45.66
3.538	29.13	72.58	5.95	5.78	116.59	1.92	45.66
3.54	29.13	72.58	5.57	5.78	116.19	2.08	45.66
3.555	29.13	72.58	5.57	5.79	114.58	2.01	45.66
3.591	29.13	72.58	5.76	5.8	111.6	1.85	45.66
3.632	29.13	72.58	6.29	5.8	109.65	2.01	45.66
3.663	29.13	72.58	6.03	5.81	108.94	2.05	45.66
3.675	29.13	72.58	5.49	5.82	108.89	2.03	45.66
3.688	29.12	72.58	6.03	5.81	107.63	1.98	45.66
3.716	29.12	72.58	5.65	5.81	105.46	2.01	45.66
3.75	29.12	72.58	5.68	5.8	104.22	2.02	45.66
3.775	29.12	72.58	11.18	5.8	103.33	1.85	45.66
3.785	29.12	72.58	6.48	5.79	103.38	1.87	45.66
3.789	29.12	72.57	5.72	5.78	103.14	1.92	45.66
3.798	29.12	72.57	5.57	5.77	101.95	2.04	45.66
3.827	29.12	72.57	5.49	5.77	99.89	2.16	45.66
3.873	29.12	72.57	5.65	5.77	97.38	2.08	45.66
3.915	29.12	72.58	5.46	5.77	96.12	1.98	45.67
3.935	29.12	72.57	5.68	5.78	96.75	1.8	45.67
3.939	29.12	72.57	5.53	5.77	95.66	1.75	45.67
3.974	29.12	72.57	5.68	5.77	92.9	1.9	45.67
4.024	29.12	72.58	5.68	5.76	91.05	1.87	45.67
4.027	29.12	72.58	5.72	5.77	92.8	1.82	45.67
4.033	29.12	72.57	5.68	5.77	90.67	1.94	45.67
4.088	29.12	72.58	5.8	5.77	87.47	1.9	45.67
4.157	29.12	72.58	5.65	5.77	85.09	1.82	45.67
4.165	29.12	72.58	5.65	5.75	86.24	1.98	45.67
4.194	29.12	72.58	5.76	5.75	83.68	1.88	45.67
4.252	29.12	72.58	5.95	5.73	81.59	1.75	45.67
4.304	29.12	72.58	5.72	5.73	80.36	1.74	45.67
4.332	29.12	72.58	5.84	5.72	80.0	1.77	45.67
4.343	29.12	72.58	5.72	5.72	79.82	1.87	45.67
4.349	29.12	72.58	6.03	5.7	79.36	2.03	45.67
4.36	29.12	72.58	6.45	5.68	78.9	2.07	45.67

4.375	29.12	72.58	6.26	5.68	78.19	1.99	45.67
4.396	29.12	72.58	6.71	5.68	77.25	1.92	45.67
4.427	29.12	72.58	7.25	5.68	75.94	1.88	45.67
4.465	29.12	72.58	7.1	5.68	74.46	2.02	45.67
4.5	29.12	72.58	6.94	5.68	73.43	2.14	45.67
4.52	29.12	72.59	6.94	5.69	73.44	2.14	45.67
4.521	29.13	72.59	6.94	5.67	73.56	1.95	45.67
4.531	29.13	72.59	7.1	5.66	72.73	1.94	45.67
4.566	29.13	72.6	7.86	5.63	71.13	1.98	45.68
4.606	29.13	72.6	7.74	5.6	69.84	2.04	45.68
4.635	29.13	72.6	8.39	5.56	69.65	2.04	45.67
4.642	29.13	72.6	7.55	5.49	69.86	1.91	45.67
4.655	29.13	72.6	8.62	5.48	68.5	1.94	45.67
4.694	29.13	72.61	9.38	5.47	66.93	2.01	45.68