

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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	12.78	0.2	0.0	3.17	41.38	0.01	1.34
PROF (metros)	0.134	0.134	0.577	0.134	2.314	0.134	0.134
MÁXIMO	13.98	13.98	1.14	3.86	937.34	0.75	42.01
PROF (metros)	0.504	0.504	0.622	1.421	0.545	0.504	0.504

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E01 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.9	4.69	0.31	3.5	694.59	0.25	39.97
1 - 2m	13.97	4.93	0.7	3.72	58.98	0.04	42.0
2 - 3m	13.98	4.93	0.7	3.71	44.34	0.06	42.0

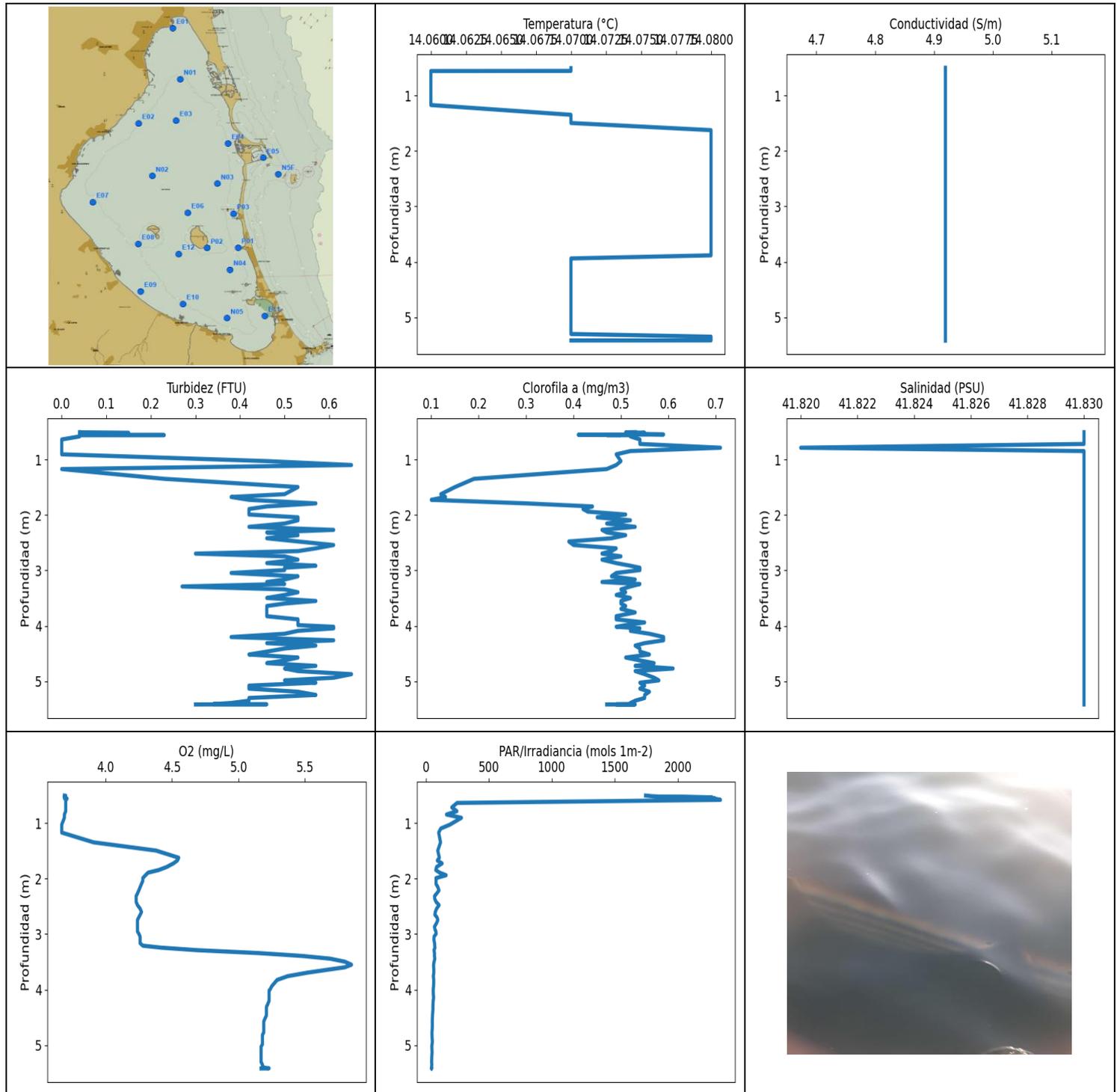
OBSERVACIONES GENERALES

HIPOXIA en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m con los valores 3.5, 3.72, 3.71 respectivamente.

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.134	12.78	0.2	0.23	3.17	926.97	0.01	1.34
0.504	13.98	4.93	0.15	3.8	820.77	0.75	42.01
0.508	13.97	4.93	0.08	3.78	835.55	0.73	42.01
0.509	13.97	4.93	0.19	3.77	818.3	0.73	42.01
0.51	13.97	4.93	0.04	3.58	804.94	0.73	42.01
0.511	13.96	4.93	0.11	3.51	802.34	0.55	42.01
0.512	13.96	4.93	0.08	3.5	810.37	0.53	42.01
0.513	13.96	4.93	0.23	3.53	822.48	0.56	42.0
0.514	13.96	4.93	0.11	3.53	879.26	0.15	42.01
0.515	13.96	4.93	0.15	3.46	901.96	0.04	42.0
0.516	13.96	4.93	0.15	3.45	904.48	0.02	42.0
0.521	13.96	4.93	0.19	3.43	909.31	0.01	42.0
0.545	13.96	4.93	0.04	3.43	937.34	0.02	42.01
0.568	13.96	4.93	0.15	3.42	859.11	0.03	42.01
0.577	13.96	4.93	0.0	3.41	747.23	0.02	42.01
0.589	13.96	4.93	0.95	3.4	788.14	0.01	42.01
0.622	13.96	4.93	1.14	3.4	696.55	0.02	42.01
0.674	13.96	4.93	0.92	3.41	120.97	0.01	42.01
0.809	13.96	4.93	0.42	3.43	90.14	0.04	42.01
0.876	13.96	4.93	0.42	3.45	86.5	0.04	42.01
0.942	13.96	4.93	0.34	3.49	76.24	0.04	42.01
1.015	13.96	4.93	0.53	3.52	78.26	0.05	42.01
1.081	13.97	4.93	1.03	3.56	70.2	0.02	42.0
1.144	13.97	4.93	0.46	3.58	62.03	0.03	42.0
1.209	13.97	4.93	0.53	3.69	77.86	0.07	42.0
1.269	13.97	4.93	0.65	3.8	60.03	0.04	42.0
1.344	13.97	4.93	0.65	3.83	57.77	0.01	42.0
1.421	13.97	4.93	0.65	3.86	60.97	0.04	42.0
1.545	13.97	4.93	0.65	3.83	54.52	0.06	42.0
1.599	13.97	4.93	0.8	3.81	55.3	0.02	42.0
1.643	13.97	4.93	0.84	3.77	50.5	0.04	42.0
1.696	13.97	4.93	0.72	3.73	54.88	0.06	42.0
1.751	13.97	4.93	0.76	3.7	65.83	0.02	42.0
1.805	13.97	4.93	0.8	3.7	45.52	0.03	42.0
1.862	13.97	4.93	0.76	3.69	46.2	0.05	42.0
1.913	13.97	4.93	0.61	3.7	47.77	0.05	42.0
1.964	13.97	4.93	0.69	3.69	56.06	0.02	42.0

2.026	13.97	4.93	0.69	3.69	45.16	0.06	42.0
2.084	13.97	4.93	0.8	3.71	44.22	0.07	42.0
2.137	13.97	4.93	0.72	3.71	45.54	0.07	42.0
2.187	13.97	4.93	0.69	3.7	48.76	0.04	42.0
2.231	13.98	4.93	0.69	3.7	46.46	0.06	42.0
2.273	13.98	4.93	0.8	3.71	42.19	0.09	42.0
2.314	13.98	4.93	0.76	3.7	41.38	0.07	42.0
2.35	13.98	4.93	0.53	3.71	45.33	0.06	42.0
2.369	13.98	4.93	0.65	3.72	41.74	0.06	42.0
2.372	13.98	4.93	0.65	3.71	42.63	0.05	42.0



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.06	4.92	0.0	3.67	43.48	0.1	41.82
PROF (metros)	0.558	0.505	0.637	1.027	5.415	1.726	0.786
MÁXIMO	14.08	14.08	0.65	5.85	2339.4	0.71	41.83
PROF (metros)	1.624	0.505	1.098	3.55	0.582	0.786	0.505

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N01 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.07	4.92	0.09	3.7	2109.02	0.51	41.83
1 - 2m	14.07	4.92	0.45	4.25	113.72	0.31	41.83
2 - 3m	14.08	4.92	0.51	4.25	82.98	0.48	41.83
3 - 4m	14.08	4.92	0.48	5.13	65.02	0.51	41.83
4 - 5m	14.07	4.92	0.52	5.2	53.97	0.55	41.83
5 - 6m	14.07	4.92	0.43	5.18	46.31	0.53	41.83

OBSERVACIONES GENERALES

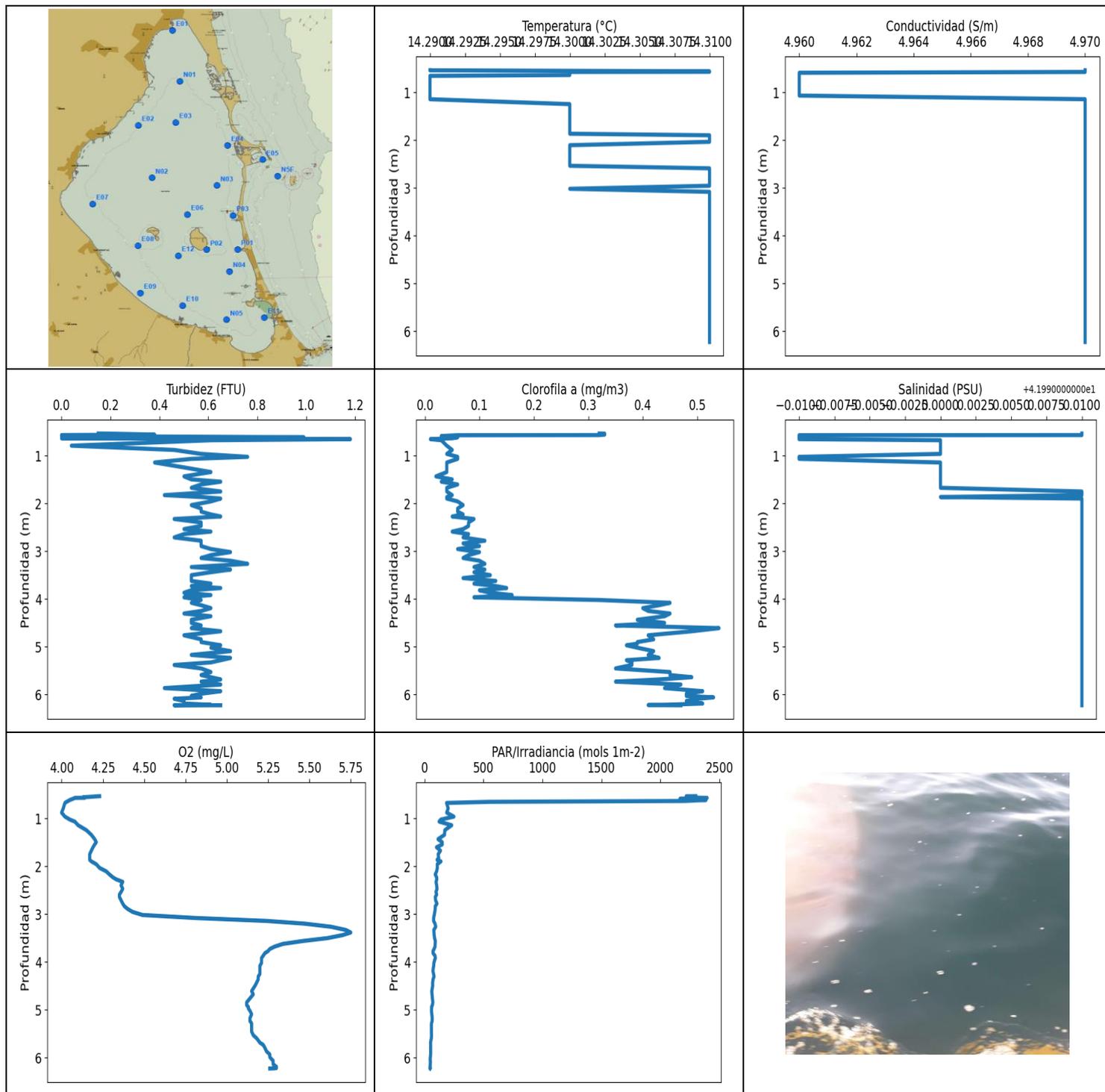
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.7 respectivamente.

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)
0.505	14.07	4.92	0.04	3.69	1744.5	0.53	41.83
0.508	14.07	4.92	0.04	3.7	1761.1	0.51	41.83
0.516	14.07	4.92	0.15	3.69	1795.3	0.55	41.83
0.523	14.07	4.92	0.15	3.69	1846.0	0.54	41.83
0.524	14.07	4.92	0.08	3.69	2043.7	0.54	41.83
0.529	14.07	4.92	0.11	3.69	2120.9	0.53	41.83
0.538	14.07	4.92	0.04	3.69	2272.0	0.54	41.83
0.547	14.07	4.92	0.04	3.69	2200.0	0.59	41.83
0.551	14.07	4.92	0.15	3.69	2243.3	0.47	41.83
0.552	14.07	4.92	0.08	3.69	2212.8	0.41	41.83
0.555	14.07	4.92	0.08	3.7	2294.8	0.42	41.83
0.557	14.06	4.92	0.15	3.7	2263.1	0.5	41.83
0.558	14.06	4.92	0.23	3.71	2203.1	0.47	41.83
0.561	14.06	4.92	0.04	3.71	2295.3	0.53	41.83
0.582	14.06	4.92	0.04	3.7	2339.4	0.52	41.83
0.637	14.06	4.92	0.0	3.7	248.21	0.54	41.83
0.718	14.06	4.92	0.0	3.7	206.06	0.54	41.83
0.786	14.06	4.92	0.0	3.7	246.38	0.71	41.82
0.846	14.06	4.92	0.0	3.69	163.81	0.52	41.83
0.905	14.06	4.92	0.0	3.69	282.68	0.49	41.83
1.027	14.06	4.92	0.46	3.67	192.0	0.5	41.83
1.098	14.06	4.92	0.65	3.67	118.69	0.49	41.83
1.171	14.06	4.92	0.0	3.67	101.9	0.47	41.83
1.347	14.07	4.92	0.23	3.91	116.67	0.19	41.83
1.495	14.07	4.92	0.53	4.38	94.6	0.15	41.83
1.624	14.08	4.92	0.5	4.55	107.23	0.12	41.83
1.674	14.08	4.92	0.38	4.54	91.18	0.13	41.83
1.726	14.08	4.92	0.42	4.51	129.23	0.1	41.83
1.79	14.08	4.92	0.57	4.46	85.35	0.3	41.83
1.845	14.08	4.92	0.46	4.4	78.79	0.44	41.83
1.892	14.08	4.92	0.42	4.32	109.47	0.42	41.83
1.939	14.08	4.92	0.42	4.3	160.87	0.43	41.83
1.991	14.08	4.92	0.42	4.28	80.58	0.51	41.83
2.041	14.08	4.92	0.53	4.28	81.12	0.45	41.83

2.095	14.08	4.92	0.53	4.27	80.64	0.52	41.83
2.153	14.08	4.92	0.5	4.26	95.61	0.47	41.83
2.213	14.08	4.92	0.42	4.25	104.22	0.53	41.83
2.268	14.08	4.92	0.61	4.24	86.06	0.46	41.83
2.314	14.08	4.92	0.46	4.23	69.2	0.47	41.83
2.363	14.08	4.92	0.53	4.23	70.43	0.51	41.83
2.419	14.08	4.92	0.46	4.23	81.5	0.48	41.83
2.477	14.08	4.92	0.53	4.24	105.09	0.39	41.83
2.541	14.08	4.92	0.61	4.26	85.46	0.4	41.83
2.601	14.08	4.92	0.57	4.27	75.11	0.49	41.83
2.651	14.08	4.92	0.53	4.26	71.94	0.48	41.83
2.696	14.08	4.92	0.3	4.25	88.32	0.46	41.83
2.745	14.08	4.92	0.5	4.24	95.08	0.5	41.83
2.805	14.08	4.92	0.53	4.24	84.15	0.46	41.83
2.867	14.08	4.92	0.46	4.24	68.53	0.49	41.83
2.915	14.08	4.92	0.57	4.24	72.68	0.52	41.83
2.951	14.08	4.92	0.5	4.24	79.63	0.54	41.83
2.993	14.08	4.92	0.5	4.25	81.86	0.54	41.83
3.045	14.08	4.92	0.38	4.26	65.36	0.49	41.83
3.105	14.08	4.92	0.53	4.26	64.36	0.48	41.83
3.163	14.08	4.92	0.5	4.26	69.18	0.53	41.83
3.208	14.08	4.92	0.46	4.28	70.46	0.46	41.83
3.244	14.08	4.92	0.5	4.42	72.18	0.54	41.83
3.289	14.08	4.92	0.27	4.69	64.83	0.52	41.83
3.341	14.08	4.92	0.5	5.15	68.7	0.5	41.83
3.393	14.08	4.92	0.53	5.48	68.27	0.51	41.83
3.442	14.08	4.92	0.5	5.69	71.38	0.49	41.83
3.496	14.08	4.92	0.46	5.8	65.41	0.52	41.83
3.55	14.08	4.92	0.57	5.85	61.53	0.5	41.83
3.597	14.08	4.92	0.5	5.8	62.08	0.5	41.83
3.641	14.08	4.92	0.46	5.67	63.35	0.51	41.83
3.693	14.08	4.92	0.46	5.52	63.04	0.5	41.83
3.757	14.08	4.92	0.46	5.37	59.74	0.53	41.83
3.825	14.08	4.92	0.46	5.29	62.56	0.49	41.83
3.882	14.08	4.92	0.53	5.27	62.32	0.49	41.83
3.938	14.07	4.92	0.53	5.25	61.36	0.55	41.83
3.986	14.07	4.92	0.53	5.24	59.3	0.51	41.83
4.016	14.07	4.92	0.61	5.23	58.9	0.49	41.83
4.044	14.07	4.92	0.61	5.23	59.09	0.54	41.83
4.089	14.07	4.92	0.53	5.23	59.71	0.52	41.83
4.142	14.07	4.92	0.5	5.23	61.8	0.56	41.83
4.201	14.07	4.92	0.38	5.23	58.51	0.59	41.83
4.26	14.07	4.92	0.61	5.22	56.69	0.59	41.83
4.311	14.07	4.92	0.46	5.21	56.4	0.55	41.83
4.355	14.07	4.92	0.57	5.21	56.3	0.53	41.83
4.408	14.07	4.92	0.5	5.21	54.69	0.54	41.83
4.464	14.07	4.92	0.46	5.21	52.74	0.54	41.83
4.516	14.07	4.92	0.42	5.2	51.88	0.56	41.83
4.571	14.07	4.92	0.53	5.19	51.14	0.51	41.83
4.623	14.07	4.92	0.5	5.19	51.5	0.54	41.83
4.672	14.07	4.92	0.46	5.19	51.3	0.57	41.83
4.721	14.07	4.92	0.57	5.19	50.32	0.53	41.83
4.769	14.07	4.92	0.5	5.19	48.63	0.61	41.83
4.815	14.07	4.92	0.53	5.18	48.94	0.53	41.83
4.871	14.07	4.92	0.65	5.18	49.73	0.55	41.83
4.935	14.07	4.92	0.61	5.18	51.79	0.57	41.83
4.983	14.07	4.92	0.5	5.18	49.34	0.58	41.83
5.025	14.07	4.92	0.57	5.17	47.3	0.54	41.83

5.078	14.07	4.92	0.42	5.17	48.67	0.55	41.83
5.132	14.07	4.92	0.42	5.17	49.55	0.54	41.83
5.188	14.07	4.92	0.53	5.17	47.61	0.56	41.83
5.246	14.07	4.92	0.57	5.17	46.59	0.55	41.83
5.301	14.07	4.92	0.42	5.17	45.9	0.55	41.83
5.35	14.08	4.92	0.42	5.18	47.5	0.53	41.83
5.391	14.08	4.92	0.38	5.18	45.75	0.52	41.83
5.412	14.08	4.92	0.34	5.21	44.58	0.52	41.83
5.415	14.08	4.92	0.46	5.23	43.48	0.49	41.83
5.417	14.08	4.92	0.34	5.21	44.14	0.53	41.83
5.418	14.07	4.92	0.3	5.17	44.63	0.47	41.83



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.29	4.96	0.0	4.0	46.9	0.01	41.98
PROF (metros)	0.533	0.586	0.566	0.877	6.219	0.651	0.569
MÁXIMO	14.31	14.31	1.18	5.75	2396.4	0.54	42.0
PROF (metros)	0.556	0.533	0.651	3.382	0.569	4.608	0.533

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E03 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.29	4.97	0.51	4.08	1175.43	0.13	41.99
1 - 2m	14.3	4.97	0.56	4.16	139.83	0.04	41.99
2 - 3m	14.31	4.97	0.56	4.34	99.99	0.07	42.0
3 - 4m	14.31	4.97	0.59	5.33	85.45	0.11	42.0
4 - 5m	14.31	4.97	0.57	5.17	71.28	0.42	42.0
5 - 6m	14.31	4.97	0.59	5.18	58.27	0.42	42.0
6 - 7m	14.31	4.97	0.53	5.28	49.07	0.47	42.0

OBSERVACIONES GENERALES

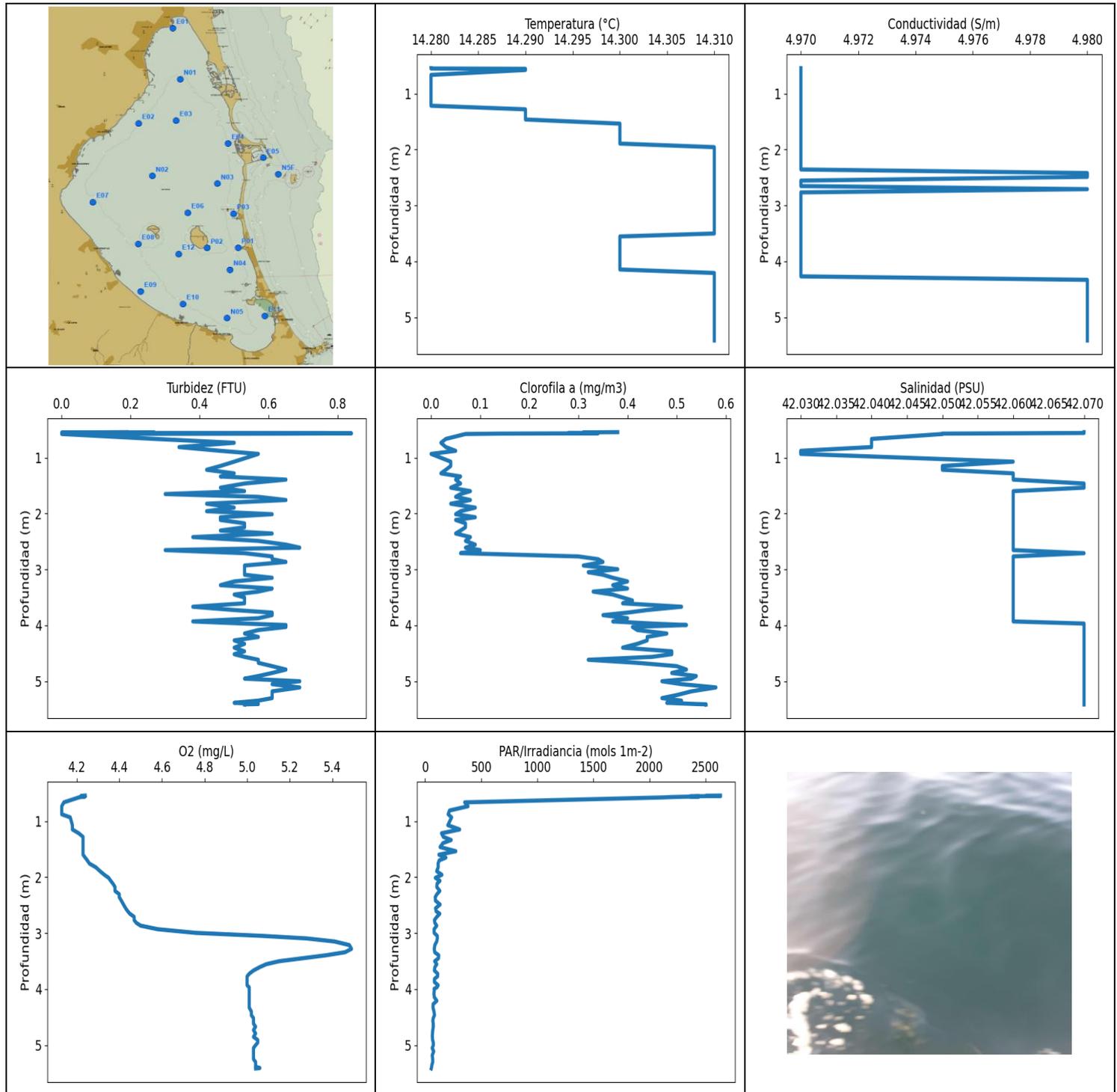
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.533	14.29	4.97	0.15	4.23	2300.1	0.32	42.0
0.535	14.29	4.97	0.19	4.22	2219.0	0.33	42.0
0.556	14.31	4.97	0.38	4.13	2293.2	0.33	42.0
0.566	14.31	4.97	0.0	4.14	2326.9	0.32	42.0
0.569	14.3	4.97	0.0	4.08	2396.4	0.06	41.98
0.586	14.3	4.96	0.0	4.07	2166.6	0.03	41.98
0.612	14.3	4.96	0.99	4.05	2386.5	0.06	41.98
0.633	14.3	4.96	0.0	4.04	2205.1	0.05	41.98
0.651	14.29	4.96	1.18	4.03	549.52	0.01	41.98
0.674	14.29	4.96	0.61	4.02	188.47	0.03	41.99
0.788	14.29	4.96	0.04	4.01	201.99	0.04	41.99
0.877	14.29	4.96	0.46	4.0	189.52	0.05	41.99
0.96	14.29	4.96	0.57	4.02	250.58	0.04	41.99
1.022	14.29	4.96	0.76	4.05	139.21	0.06	41.98
1.064	14.29	4.96	0.53	4.08	125.48	0.06	41.98
1.14	14.29	4.97	0.38	4.1	231.97	0.04	41.99
1.243	14.3	4.97	0.5	4.15	173.7	0.04	41.99
1.34	14.3	4.97	0.61	4.18	170.83	0.04	41.99
1.431	14.3	4.97	0.5	4.2	115.95	0.02	41.99
1.494	14.3	4.97	0.53	4.21	151.54	0.05	41.99
1.542	14.3	4.97	0.65	4.2	151.61	0.03	41.99
1.6	14.3	4.97	0.57	4.19	102.97	0.06	41.99
1.67	14.3	4.97	0.53	4.18	136.97	0.04	41.99
1.747	14.3	4.97	0.65	4.17	117.03	0.04	42.0
1.823	14.3	4.97	0.42	4.17	121.62	0.05	42.0
1.863	14.3	4.97	0.57	4.17	108.03	0.04	41.99
1.895	14.31	4.97	0.65	4.18	140.97	0.04	42.0
1.955	14.31	4.97	0.61	4.21	109.55	0.06	42.0
2.032	14.31	4.97	0.53	4.23	110.31	0.07	42.0
2.103	14.3	4.97	0.57	4.27	104.22	0.06	42.0
2.169	14.3	4.97	0.57	4.29	92.43	0.06	42.0
2.227	14.3	4.97	0.61	4.31	104.05	0.07	42.0
2.27	14.3	4.97	0.65	4.33	105.58	0.05	42.0
2.323	14.3	4.97	0.46	4.37	99.16	0.09	42.0
2.395	14.3	4.97	0.57	4.36	104.29	0.08	42.0

2.469	14.3	4.97	0.57	4.37	107.63	0.08	42.0
2.534	14.3	4.97	0.5	4.36	98.74	0.07	42.0
2.587	14.31	4.97	0.61	4.35	104.2	0.05	42.0
2.639	14.31	4.97	0.5	4.35	93.25	0.08	42.0
2.709	14.31	4.97	0.46	4.36	95.43	0.07	42.0
2.778	14.31	4.97	0.57	4.37	107.09	0.11	42.0
2.833	14.31	4.97	0.57	4.38	92.71	0.07	42.0
2.89	14.31	4.97	0.57	4.4	92.13	0.1	42.0
2.952	14.31	4.97	0.61	4.43	88.69	0.06	42.0
3.016	14.3	4.97	0.69	4.49	83.9	0.1	42.0
3.079	14.31	4.97	0.61	4.81	78.84	0.08	42.0
3.14	14.31	4.97	0.57	5.24	78.84	0.07	42.0
3.197	14.31	4.97	0.69	5.47	90.35	0.1	42.0
3.262	14.31	4.97	0.76	5.63	96.61	0.11	42.0
3.329	14.31	4.97	0.53	5.72	80.64	0.09	42.0
3.382	14.31	4.97	0.69	5.75	82.01	0.11	42.0
3.437	14.31	4.97	0.61	5.7	83.31	0.09	42.0
3.499	14.31	4.97	0.53	5.61	86.66	0.12	42.0
3.56	14.31	4.97	0.53	5.46	93.25	0.07	42.0
3.62	14.31	4.97	0.53	5.34	91.62	0.13	42.0
3.676	14.31	4.97	0.61	5.29	90.82	0.09	42.0
3.727	14.31	4.97	0.53	5.26	82.66	0.13	42.0
3.769	14.31	4.97	0.65	5.25	73.63	0.15	42.0
3.815	14.31	4.97	0.53	5.23	74.06	0.1	42.0
3.867	14.31	4.97	0.5	5.22	90.25	0.12	42.0
3.916	14.31	4.97	0.61	5.21	93.72	0.16	42.0
3.963	14.31	4.97	0.5	5.21	86.88	0.09	42.0
4.019	14.31	4.97	0.57	5.21	80.8	0.32	42.0
4.078	14.31	4.97	0.53	5.2	79.6	0.45	42.0
4.128	14.31	4.97	0.57	5.2	75.67	0.43	42.0
4.189	14.31	4.97	0.61	5.2	73.05	0.4	42.0
4.249	14.31	4.97	0.57	5.2	78.4	0.41	42.0
4.302	14.31	4.97	0.5	5.19	82.26	0.45	42.0
4.359	14.31	4.97	0.61	5.19	73.97	0.44	42.0
4.433	14.31	4.97	0.53	5.18	70.22	0.39	42.0
4.498	14.31	4.97	0.53	5.17	70.75	0.44	42.0
4.552	14.31	4.97	0.57	5.16	66.86	0.35	42.0
4.608	14.31	4.97	0.53	5.15	63.14	0.54	42.0
4.674	14.31	4.97	0.65	5.16	65.33	0.49	42.0
4.758	14.31	4.97	0.5	5.14	68.35	0.41	42.0
4.843	14.31	4.97	0.57	5.12	72.11	0.42	42.0
4.9	14.31	4.97	0.57	5.12	68.21	0.39	42.0
4.934	14.31	4.97	0.61	5.13	61.55	0.39	42.0
4.967	14.31	4.97	0.65	5.13	61.45	0.37	42.0
5.018	14.31	4.97	0.61	5.14	60.59	0.39	42.0
5.09	14.31	4.97	0.69	5.15	63.41	0.42	42.0
5.169	14.31	4.97	0.53	5.14	66.79	0.41	42.0
5.233	14.31	4.97	0.69	5.14	66.09	0.43	42.0
5.28	14.31	4.97	0.65	5.15	60.61	0.37	42.0
5.326	14.31	4.97	0.61	5.15	59.52	0.38	42.0
5.38	14.31	4.97	0.46	5.15	60.1	0.38	42.0
5.452	14.31	4.97	0.57	5.15	60.03	0.35	42.0
5.528	14.31	4.97	0.61	5.16	60.51	0.45	42.0
5.591	14.31	4.97	0.57	5.18	59.69	0.45	42.0
5.636	14.31	4.97	0.61	5.19	55.75	0.49	42.0
5.683	14.31	4.97	0.65	5.2	52.79	0.43	42.0
5.729	14.31	4.97	0.57	5.22	53.45	0.35	42.0
5.79	14.31	4.97	0.65	5.23	53.07	0.47	42.0

5.864	14.31	4.97	0.42	5.24	53.8	0.44	42.0
5.929	14.31	4.97	0.65	5.26	53.16	0.51	42.0
5.982	14.31	4.97	0.57	5.26	51.27	0.48	42.0
6.027	14.31	4.97	0.53	5.27	49.46	0.48	42.0
6.059	14.31	4.97	0.57	5.28	50.63	0.53	42.0
6.088	14.31	4.97	0.46	5.28	51.17	0.5	42.0
6.133	14.31	4.97	0.5	5.28	50.34	0.48	42.0
6.187	14.31	4.97	0.5	5.3	49.36	0.51	42.0
6.215	14.31	4.97	0.61	5.3	47.32	0.44	42.0
6.219	14.31	4.97	0.5	5.29	46.9	0.41	42.0
6.223	14.31	4.97	0.46	5.27	48.0	0.45	42.0
6.224	14.31	4.97	0.65	5.26	48.44	0.47	42.0



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.28	4.97	0.0	4.13	55.23	0.0	42.03
PROF (metros)	0.543	0.543	0.55	0.733	5.415	0.932	0.877
MÁXIMO	14.31	14.31	0.84	5.49	2634.1	0.58	42.07
PROF (metros)	1.957	2.42	0.564	3.28	0.543	5.11	0.543

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E02 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.29	4.97	0.43	4.19	1522.71	0.19	42.05
1 - 2m	14.3	4.97	0.49	4.24	169.11	0.06	42.06
2 - 3m	14.31	4.97	0.54	4.45	102.61	0.14	42.06
3 - 4m	14.31	4.97	0.53	5.17	98.14	0.4	42.06
4 - 5m	14.31	4.98	0.57	5.03	74.98	0.46	42.07
5 - 6m	14.31	4.98	0.58	5.04	62.46	0.53	42.07

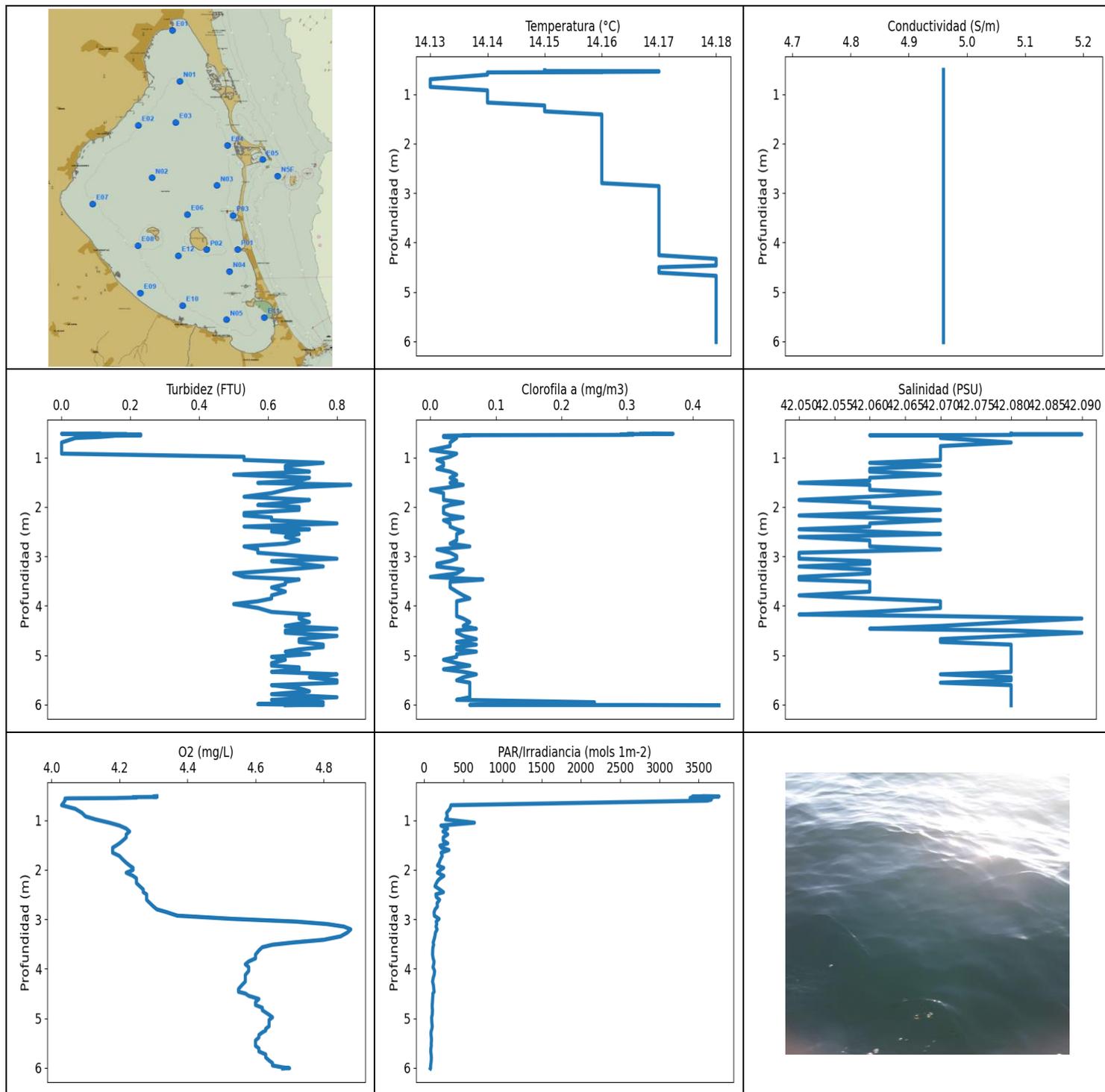
OBSERVACIONES GENERALES

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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)
0.543	14.28	4.97	0.19	4.24	2634.1	0.38	42.07
0.546	14.28	4.97	0.11	4.23	2508.4	0.33	42.07
0.55	14.28	4.97	0.0	4.22	2633.5	0.31	42.07
0.555	14.29	4.97	0.27	4.23	2417.6	0.32	42.07
0.557	14.29	4.97	0.19	4.23	2362.2	0.3	42.07
0.558	14.29	4.97	0.76	4.24	2445.3	0.28	42.07
0.564	14.29	4.97	0.84	4.23	2305.5	0.34	42.06
0.569	14.29	4.97	0.65	4.22	2204.6	0.14	42.05
0.576	14.29	4.97	0.0	4.21	2122.9	0.07	42.05
0.664	14.28	4.97	0.27	4.14	353.2	0.03	42.04
0.733	14.28	4.97	0.5	4.13	382.61	0.02	42.04
0.81	14.28	4.97	0.34	4.13	217.44	0.03	42.04
0.877	14.28	4.97	0.46	4.13	205.3	0.05	42.03
0.932	14.28	4.97	0.57	4.17	236.25	0.0	42.03
1.071	14.28	4.97	0.5	4.18	202.74	0.04	42.06
1.148	14.28	4.97	0.46	4.18	307.99	0.04	42.05
1.216	14.28	4.97	0.42	4.21	146.29	0.03	42.05
1.28	14.29	4.97	0.5	4.23	162.6	0.02	42.06
1.336	14.29	4.97	0.46	4.23	232.51	0.06	42.06
1.392	14.29	4.97	0.65	4.23	158.58	0.05	42.06
1.462	14.29	4.97	0.53	4.23	133.52	0.06	42.07
1.536	14.3	4.97	0.46	4.23	273.65	0.04	42.07
1.598	14.3	4.97	0.53	4.23	122.89	0.08	42.06
1.65	14.3	4.97	0.3	4.24	185.26	0.06	42.06
1.7	14.3	4.97	0.57	4.25	125.51	0.05	42.06
1.757	14.3	4.97	0.65	4.26	115.49	0.08	42.06
1.823	14.3	4.97	0.42	4.29	117.0	0.04	42.06
1.893	14.3	4.97	0.5	4.31	102.78	0.09	42.06
1.957	14.31	4.97	0.42	4.33	149.83	0.06	42.06
2.011	14.31	4.97	0.61	4.35	91.13	0.05	42.06
2.065	14.31	4.97	0.46	4.36	132.29	0.09	42.06
2.114	14.31	4.97	0.46	4.37	106.89	0.05	42.06
2.174	14.31	4.97	0.53	4.38	103.84	0.07	42.06
2.245	14.31	4.97	0.53	4.38	130.83	0.07	42.06
2.303	14.31	4.97	0.46	4.4	105.36	0.06	42.06
2.356	14.31	4.97	0.61	4.4	90.27	0.05	42.06

2.42	14.31	4.98	0.38	4.41	92.67	0.08	42.06
2.488	14.31	4.98	0.57	4.42	133.31	0.07	42.06
2.555	14.31	4.97	0.65	4.43	93.16	0.09	42.06
2.609	14.31	4.97	0.69	4.44	98.49	0.07	42.06
2.653	14.31	4.97	0.3	4.45	130.43	0.1	42.06
2.708	14.31	4.98	0.53	4.47	104.24	0.06	42.07
2.766	14.31	4.97	0.61	4.47	83.06	0.3	42.06
2.815	14.31	4.97	0.61	4.48	86.46	0.34	42.06
2.865	14.31	4.97	0.65	4.5	103.5	0.35	42.06
2.929	14.31	4.97	0.53	4.58	80.15	0.31	42.06
2.995	14.31	4.97	0.53	4.76	80.86	0.38	42.06
3.048	14.31	4.97	0.53	5.07	108.16	0.32	42.06
3.094	14.31	4.97	0.53	5.28	108.79	0.35	42.06
3.148	14.31	4.97	0.61	5.41	103.38	0.37	42.06
3.213	14.31	4.97	0.5	5.48	86.62	0.4	42.06
3.28	14.31	4.97	0.46	5.49	81.44	0.37	42.06
3.34	14.31	4.97	0.61	5.46	85.46	0.4	42.06
3.395	14.31	4.97	0.57	5.37	121.56	0.33	42.06
3.448	14.31	4.97	0.5	5.26	119.19	0.37	42.06
3.501	14.31	4.97	0.53	5.15	85.13	0.39	42.06
3.554	14.3	4.97	0.53	5.09	103.96	0.41	42.06
3.605	14.3	4.97	0.53	5.06	87.25	0.39	42.06
3.666	14.3	4.97	0.38	5.03	82.22	0.51	42.06
3.725	14.3	4.97	0.5	5.01	112.64	0.44	42.06
3.771	14.3	4.97	0.61	5.0	110.93	0.4	42.06
3.816	14.3	4.97	0.61	5.0	83.35	0.35	42.06
3.872	14.3	4.97	0.57	5.0	82.58	0.4	42.06
3.929	14.3	4.97	0.38	5.0	116.22	0.37	42.06
3.967	14.3	4.97	0.53	5.01	105.39	0.45	42.07
3.993	14.3	4.97	0.65	5.01	80.34	0.52	42.07
4.028	14.3	4.97	0.65	5.01	81.39	0.41	42.07
4.083	14.3	4.97	0.57	5.01	78.7	0.42	42.07
4.145	14.3	4.97	0.53	5.01	82.22	0.48	42.07
4.207	14.31	4.97	0.57	5.01	104.56	0.44	42.07
4.268	14.31	4.97	0.5	5.01	71.18	0.44	42.07
4.33	14.31	4.98	0.53	5.01	70.28	0.42	42.07
4.398	14.31	4.98	0.5	5.02	79.1	0.39	42.07
4.464	14.31	4.98	0.53	5.02	83.51	0.49	42.07
4.515	14.31	4.98	0.5	5.03	72.85	0.49	42.07
4.563	14.31	4.98	0.53	5.03	68.61	0.45	42.07
4.615	14.31	4.98	0.57	5.03	72.56	0.32	42.07
4.67	14.31	4.98	0.57	5.04	72.83	0.42	42.07
4.729	14.31	4.98	0.61	5.03	68.34	0.5	42.07
4.79	14.31	4.98	0.65	5.04	65.47	0.52	42.07
4.851	14.31	4.98	0.61	5.03	64.37	0.49	42.07
4.906	14.31	4.98	0.57	5.05	66.79	0.54	42.07
4.953	14.31	4.98	0.53	5.05	73.19	0.53	42.07
4.999	14.31	4.98	0.69	5.04	73.68	0.47	42.07
5.051	14.31	4.98	0.61	5.03	62.82	0.51	42.07
5.11	14.31	4.98	0.69	5.03	76.96	0.58	42.07
5.18	14.31	4.98	0.61	5.03	63.26	0.53	42.07
5.247	14.31	4.98	0.61	5.03	67.46	0.5	42.07
5.301	14.31	4.98	0.61	5.04	67.85	0.47	42.07
5.346	14.31	4.98	0.57	5.04	60.96	0.51	42.07
5.385	14.31	4.98	0.5	5.04	58.06	0.48	42.07
5.407	14.31	4.98	0.57	5.06	56.18	0.54	42.07
5.412	14.31	4.98	0.53	5.05	55.79	0.56	42.07
5.415	14.31	4.98	0.53	5.04	55.23	0.56	42.07



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.13	4.96	0.0	4.03	80.82	0.0	42.05
PROF (metros)	0.698	0.516	0.521	0.698	6.013	0.853	1.514
MÁXIMO	14.18	14.18	0.84	4.88	3760.5	0.44	42.09
PROF (metros)	4.33	0.516	1.555	3.205	0.521	6.013	0.531

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N02 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.15	4.96	0.14	4.2	3351.86	0.18	42.08
1 - 2m	14.16	4.96	0.65	4.21	264.43	0.03	42.06
2 - 3m	14.16	4.96	0.63	4.29	176.8	0.03	42.06
3 - 4m	14.17	4.96	0.63	4.71	130.67	0.04	42.06
4 - 5m	14.18	4.96	0.7	4.59	112.78	0.05	42.07
5 - 6m	14.18	4.96	0.68	4.63	91.4	0.06	42.08
6 - 7m	14.18	4.96	0.7	4.69	81.62	0.28	42.08

OBSERVACIONES GENERALES

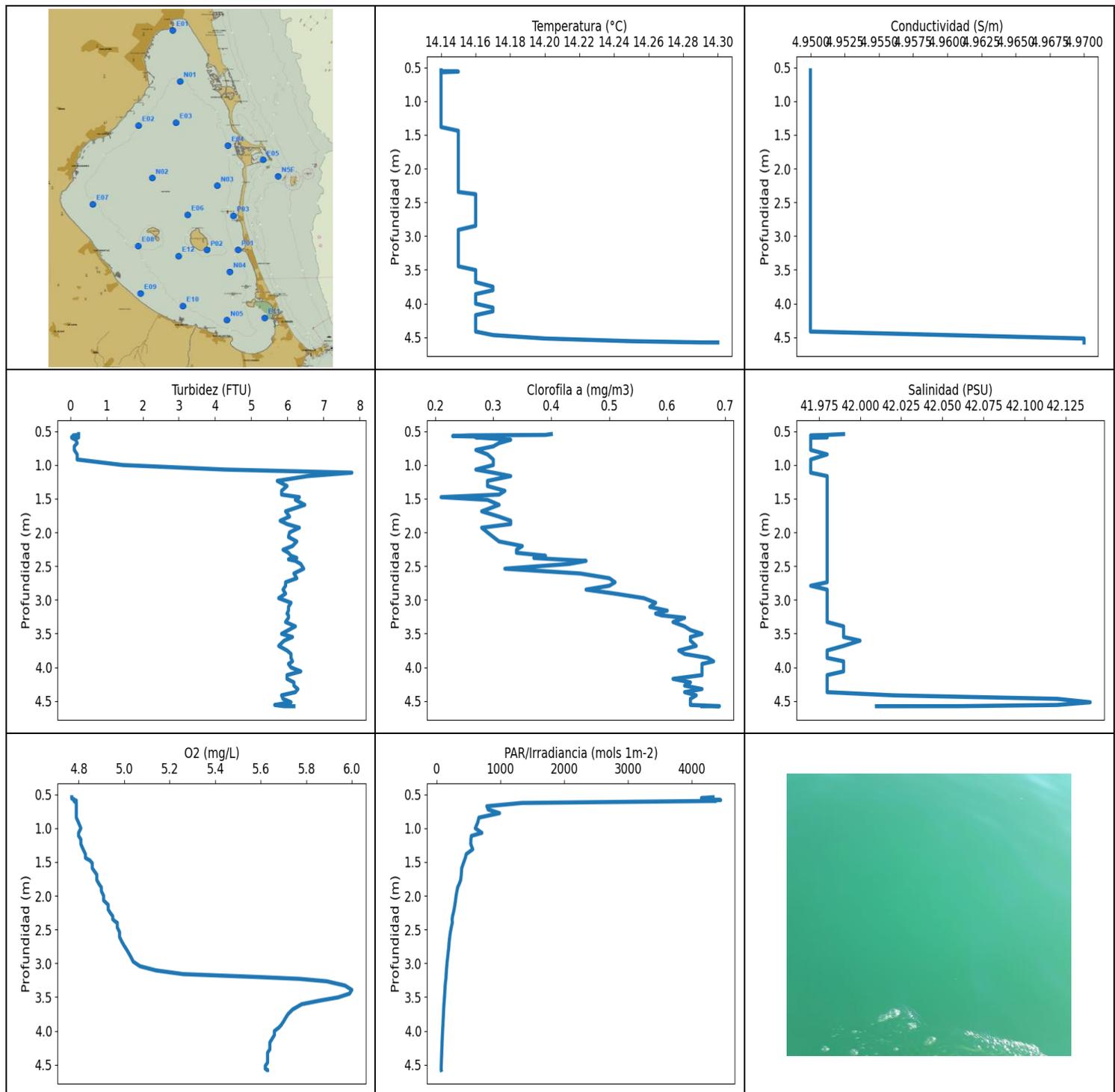
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.516	14.15	4.96	0.11	4.31	3562.0	0.34	42.08
0.521	14.15	4.96	0.0	4.3	3760.5	0.37	42.08
0.523	14.15	4.96	0.08	4.3	3651.4	0.32	42.08
0.525	14.15	4.96	0.11	4.3	3421.2	0.35	42.08
0.53	14.15	4.96	0.11	4.3	3642.1	0.3	42.08
0.531	14.15	4.96	0.19	4.31	3696.6	0.3	42.09
0.532	14.15	4.96	0.04	4.3	3437.1	0.31	42.09
0.534	14.16	4.96	0.04	4.26	3512.8	0.29	42.08
0.536	14.17	4.96	0.23	4.24	3441.1	0.3	42.08
0.544	14.17	4.96	0.08	4.25	3534.0	0.29	42.08
0.55	14.16	4.96	0.08	4.21	3392.0	0.06	42.07
0.551	14.16	4.96	0.11	4.2	3454.7	0.05	42.06
0.554	14.16	4.96	0.23	4.19	3610.2	0.06	42.07
0.56	14.14	4.96	0.15	4.05	3465.9	0.03	42.07
0.564	14.14	4.96	0.15	4.04	3612.7	0.02	42.07
0.585	14.14	4.96	0.11	4.04	3661.6	0.02	42.07
0.606	14.14	4.96	0.04	4.04	3611.0	0.04	42.07
0.698	14.13	4.96	0.0	4.03	343.36	0.03	42.08
0.771	14.13	4.96	0.0	4.07	329.4	0.03	42.07
0.853	14.13	4.96	0.0	4.09	286.97	0.0	42.07
0.923	14.14	4.96	0.0	4.1	296.64	0.04	42.07
0.986	14.14	4.96	0.53	4.13	275.18	0.03	42.07
1.051	14.14	4.96	0.53	4.17	641.39	0.01	42.07
1.109	14.14	4.96	0.76	4.2	214.79	0.02	42.06
1.17	14.14	4.96	0.65	4.22	299.4	0.02	42.07
1.229	14.15	4.96	0.65	4.23	240.9	0.01	42.06
1.287	14.15	4.96	0.72	4.22	301.35	0.03	42.06
1.348	14.15	4.96	0.5	4.22	243.82	0.04	42.07
1.411	14.16	4.96	0.72	4.21	243.31	0.03	42.06
1.468	14.16	4.96	0.69	4.2	301.84	0.04	42.06
1.514	14.16	4.96	0.57	4.19	201.9	0.03	42.05
1.555	14.16	4.96	0.84	4.18	220.08	0.05	42.06
1.602	14.16	4.96	0.69	4.18	316.9	0.03	42.06
1.656	14.16	4.96	0.65	4.18	217.34	0.0	42.06
1.722	14.16	4.96	0.61	4.2	231.91	0.02	42.07

1.795	14.16	4.96	0.53	4.21	207.11	0.02	42.06
1.859	14.16	4.96	0.72	4.22	192.35	0.02	42.05
1.915	14.16	4.96	0.65	4.23	171.58	0.05	42.06
1.962	14.16	4.96	0.57	4.24	249.36	0.03	42.06
2.004	14.16	4.96	0.69	4.24	207.59	0.02	42.06
2.061	14.16	4.96	0.69	4.22	170.55	0.02	42.07
2.124	14.16	4.96	0.53	4.24	252.15	0.02	42.06
2.174	14.16	4.96	0.53	4.25	205.53	0.03	42.05
2.215	14.16	4.96	0.61	4.25	177.16	0.05	42.06
2.27	14.16	4.96	0.61	4.25	156.93	0.02	42.07
2.334	14.16	4.96	0.8	4.26	138.6	0.03	42.06
2.399	14.16	4.96	0.53	4.27	199.48	0.03	42.06
2.453	14.16	4.96	0.72	4.27	245.98	0.04	42.05
2.497	14.16	4.96	0.61	4.28	150.63	0.05	42.06
2.549	14.16	4.96	0.69	4.28	155.16	0.04	42.07
2.608	14.16	4.96	0.65	4.28	197.41	0.04	42.05
2.677	14.16	4.96	0.69	4.29	165.6	0.04	42.06
2.743	14.16	4.96	0.65	4.3	170.39	0.03	42.06
2.8	14.16	4.96	0.53	4.31	140.77	0.06	42.06
2.86	14.17	4.96	0.57	4.34	127.21	0.01	42.07
2.928	14.17	4.96	0.57	4.37	130.37	0.03	42.05
2.992	14.17	4.96	0.69	4.53	190.97	0.04	42.05
3.048	14.17	4.96	0.8	4.72	154.66	0.04	42.05
3.097	14.17	4.96	0.61	4.81	161.77	0.03	42.06
3.149	14.17	4.96	0.69	4.86	151.78	0.01	42.06
3.205	14.17	4.96	0.76	4.88	166.18	0.01	42.05
3.269	14.17	4.96	0.65	4.87	145.11	0.05	42.06
3.346	14.17	4.96	0.5	4.85	137.32	0.04	42.06
3.416	14.17	4.96	0.53	4.8	126.5	0.0	42.05
3.47	14.17	4.96	0.69	4.71	115.87	0.08	42.05
3.515	14.17	4.96	0.65	4.65	122.07	0.03	42.06
3.565	14.17	4.96	0.65	4.62	112.98	0.03	42.06
3.63	14.17	4.96	0.61	4.61	109.57	0.03	42.06
3.714	14.17	4.96	0.65	4.6	108.16	0.04	42.06
3.79	14.17	4.96	0.61	4.6	115.25	0.05	42.05
3.853	14.17	4.96	0.61	4.58	127.36	0.06	42.06
3.909	14.17	4.96	0.57	4.57	122.69	0.04	42.07
3.966	14.17	4.96	0.5	4.58	113.45	0.04	42.07
4.044	14.17	4.96	0.57	4.58	134.05	0.04	42.07
4.125	14.17	4.96	0.61	4.57	128.07	0.04	42.06
4.177	14.17	4.96	0.72	4.57	117.24	0.04	42.05
4.209	14.17	4.96	0.69	4.57	113.9	0.04	42.07
4.258	14.17	4.96	0.69	4.57	107.88	0.05	42.09
4.33	14.18	4.96	0.72	4.56	118.89	0.06	42.08
4.408	14.18	4.96	0.65	4.55	123.55	0.05	42.07
4.465	14.18	4.96	0.8	4.55	128.07	0.07	42.06
4.5	14.17	4.96	0.65	4.57	111.6	0.04	42.08
4.546	14.17	4.96	0.65	4.58	111.83	0.04	42.09
4.61	14.17	4.96	0.8	4.61	108.61	0.05	42.08
4.674	14.18	4.96	0.69	4.6	106.84	0.07	42.07
4.732	14.18	4.96	0.69	4.6	102.88	0.04	42.07
4.786	14.18	4.96	0.76	4.62	103.93	0.07	42.08
4.836	14.18	4.96	0.76	4.62	106.94	0.04	42.08
4.882	14.18	4.96	0.69	4.63	105.75	0.04	42.08
4.928	14.18	4.96	0.65	4.64	103.91	0.07	42.08
4.98	14.18	4.96	0.72	4.65	96.1	0.04	42.08
5.033	14.18	4.96	0.61	4.64	97.38	0.04	42.08
5.092	14.18	4.96	0.65	4.64	99.22	0.02	42.08

5.16	14.18	4.96	0.61	4.64	103.69	0.04	42.08
5.211	14.18	4.96	0.61	4.63	99.94	0.06	42.08
5.246	14.18	4.96	0.69	4.63	92.82	0.04	42.08
5.285	14.18	4.96	0.69	4.62	87.79	0.02	42.08
5.336	14.18	4.96	0.61	4.61	88.47	0.05	42.08
5.387	14.18	4.96	0.8	4.61	92.41	0.07	42.07
5.447	14.18	4.96	0.72	4.6	93.88	0.05	42.08
5.508	14.18	4.96	0.8	4.6	90.52	0.04	42.08
5.556	14.18	4.96	0.8	4.6	92.04	0.06	42.07
5.606	14.18	4.96	0.61	4.61	86.48	0.06	42.08
5.668	14.18	4.96	0.69	4.61	85.09	0.06	42.08
5.729	14.18	4.96	0.72	4.63	89.71	0.06	42.08
5.789	14.18	4.96	0.61	4.63	92.32	0.06	42.08
5.851	14.18	4.96	0.8	4.64	91.26	0.06	42.08
5.903	14.18	4.96	0.61	4.65	87.43	0.04	42.08
5.952	14.18	4.96	0.76	4.65	83.8	0.25	42.08
5.99	14.18	4.96	0.57	4.68	82.34	0.12	42.08
6.007	14.18	4.96	0.76	4.7	81.78	0.06	42.08
6.008	14.18	4.96	0.69	4.69	82.26	0.32	42.08
6.013	14.18	4.96	0.65	4.68	80.82	0.44	42.08



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.14	4.95	0.04	4.77	71.51	0.21	41.97
PROF (metros)	0.543	0.543	0.584	0.543	4.56	1.478	0.562
MÁXIMO	14.3	14.3	7.78	6.0	4457.9	0.69	42.14
PROF (metros)	4.579	4.52	1.115	3.394	0.584	4.578	4.52

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E07 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.14	4.95	0.15	4.78	2717.33	0.3	41.98
1 - 2m	14.15	4.95	5.79	4.85	465.05	0.3	41.98
2 - 3m	14.16	4.95	6.09	4.97	231.79	0.41	41.98
3 - 4m	14.16	4.95	6.02	5.69	126.08	0.63	41.98
4 - 5m	14.19	4.96	6.06	5.64	80.09	0.65	42.02

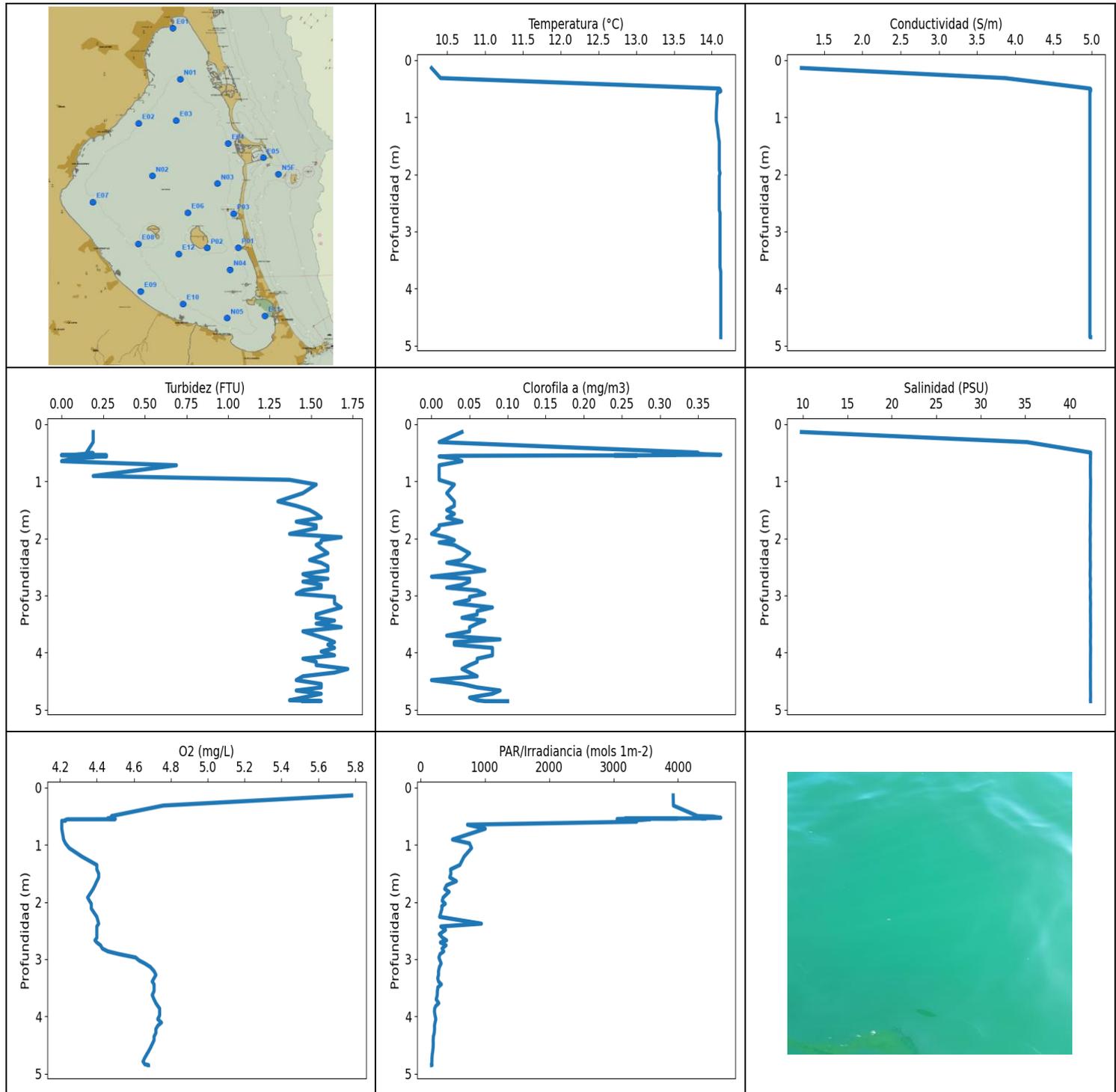
OBSERVACIONES GENERALES

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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)
0.543	14.14	4.95	0.23	4.77	4339.6	0.4	41.99
0.555	14.14	4.95	0.23	4.77	4157.5	0.39	41.98
0.562	14.15	4.95	0.08	4.77	4316.6	0.26	41.97
0.572	14.14	4.95	0.11	4.78	4177.8	0.23	41.97
0.584	14.14	4.95	0.04	4.78	4457.9	0.3	41.98
0.592	14.14	4.95	0.23	4.79	4260.9	0.27	41.98
0.597	14.14	4.95	0.04	4.78	4381.1	0.28	41.97
0.627	14.14	4.95	0.15	4.79	1338.8	0.33	41.97
0.676	14.14	4.95	0.19	4.79	788.51	0.31	41.97
0.725	14.14	4.95	0.11	4.79	810.94	0.3	41.97
0.778	14.14	4.95	0.11	4.79	987.29	0.27	41.97
0.844	14.14	4.95	0.19	4.79	664.54	0.29	41.98
0.92	14.14	4.95	0.19	4.8	643.77	0.3	41.97
1.002	14.14	4.95	1.45	4.81	607.1	0.3	41.97
1.069	14.14	4.95	4.27	4.8	710.41	0.27	41.97
1.115	14.14	4.95	7.78	4.8	546.09	0.3	41.97
1.166	14.14	4.95	6.56	4.81	538.17	0.33	41.98
1.237	14.14	4.95	5.72	4.81	536.3	0.29	41.98
1.313	14.14	4.95	5.99	4.82	567.24	0.29	41.98
1.384	14.14	4.95	5.84	4.83	465.38	0.32	41.98
1.44	14.15	4.95	5.84	4.83	450.94	0.31	41.98
1.478	14.15	4.95	6.33	4.85	436.04	0.21	41.98
1.518	14.15	4.95	6.22	4.86	421.04	0.29	41.98
1.592	14.15	4.95	6.48	4.86	393.94	0.31	41.98
1.688	14.15	4.95	5.95	4.88	387.51	0.28	41.98
1.767	14.15	4.95	6.06	4.88	377.93	0.31	41.98
1.828	14.15	4.95	5.8	4.89	353.37	0.33	41.98
1.877	14.15	4.95	5.99	4.9	330.24	0.33	41.98
1.931	14.15	4.95	6.33	4.9	319.11	0.28	41.98
2.001	14.15	4.95	6.06	4.91	306.0	0.29	41.98
2.069	14.15	4.95	6.03	4.91	297.12	0.3	41.98
2.135	14.15	4.95	6.26	4.93	286.5	0.31	41.98
2.203	14.15	4.95	6.14	4.93	274.67	0.35	41.98
2.258	14.15	4.95	5.88	4.94	262.35	0.34	41.98
2.303	14.15	4.95	6.03	4.95	250.46	0.34	41.98
2.347	14.15	4.95	6.1	4.95	243.76	0.39	41.98
2.38	14.16	4.95	6.26	4.96	245.35	0.37	41.98

2.4	14.16	4.95	6.03	4.97	247.06	0.41	41.98
2.423	14.16	4.95	6.22	4.97	241.12	0.46	41.98
2.469	14.16	4.95	6.37	4.97	230.47	0.43	41.98
2.539	14.16	4.95	6.45	4.98	215.94	0.32	41.98
2.61	14.16	4.95	6.18	4.98	206.11	0.45	41.98
2.68	14.16	4.95	6.26	4.99	197.41	0.5	41.98
2.74	14.16	4.95	5.95	5.0	192.57	0.51	41.98
2.792	14.16	4.95	5.95	5.01	187.68	0.5	41.97
2.849	14.16	4.95	5.88	5.02	179.85	0.46	41.98
2.909	14.15	4.95	5.95	5.03	174.11	0.51	41.98
2.976	14.15	4.95	5.76	5.04	165.57	0.56	41.98
3.044	14.15	4.95	6.1	5.07	159.43	0.58	41.98
3.106	14.15	4.95	6.03	5.14	153.73	0.57	41.98
3.161	14.15	4.95	6.03	5.26	150.0	0.6	41.98
3.204	14.15	4.95	5.99	5.59	148.1	0.58	41.98
3.231	14.15	4.95	6.03	5.77	146.05	0.59	41.98
3.267	14.15	4.95	6.03	5.89	140.38	0.63	41.98
3.33	14.15	4.95	5.95	5.97	134.27	0.61	41.98
3.394	14.15	4.95	6.22	6.0	131.07	0.63	41.99
3.449	14.15	4.95	6.03	5.99	127.18	0.64	41.99
3.505	14.16	4.95	5.84	5.94	123.21	0.66	41.99
3.552	14.16	4.95	6.14	5.86	120.3	0.64	41.99
3.606	14.16	4.95	5.91	5.78	115.17	0.64	42.0
3.684	14.16	4.95	5.76	5.74	110.23	0.65	41.99
3.752	14.17	4.95	5.99	5.72	107.68	0.62	41.98
3.804	14.17	4.95	6.1	5.71	104.8	0.63	41.98
3.862	14.16	4.95	6.1	5.7	101.13	0.67	41.98
3.913	14.16	4.95	6.14	5.69	99.8	0.68	41.99
3.951	14.16	4.95	6.03	5.68	96.93	0.66	41.99
4.003	14.16	4.95	6.1	5.66	93.81	0.66	41.99
4.062	14.17	4.95	6.37	5.66	90.92	0.66	41.99
4.117	14.17	4.95	5.99	5.65	88.37	0.66	41.98
4.173	14.16	4.95	5.99	5.64	86.06	0.61	41.98
4.225	14.16	4.95	6.18	5.64	84.23	0.64	41.98
4.273	14.16	4.95	6.18	5.64	81.63	0.63	41.98
4.324	14.16	4.95	6.29	5.63	80.0	0.66	41.98
4.37	14.16	4.95	6.22	5.63	78.53	0.63	41.98
4.417	14.16	4.95	5.84	5.63	76.24	0.65	42.02
4.469	14.17	4.96	5.88	5.63	74.44	0.64	42.12
4.52	14.2	4.97	6.1	5.62	72.2	0.64	42.14
4.56	14.25	4.97	5.65	5.62	71.51	0.64	42.12
4.578	14.29	4.97	5.91	5.63	71.55	0.69	42.06
4.579	14.3	4.97	6.18	5.63	71.81	0.66	42.01



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	10.29	1.2	0.0	4.21	171.74	0.0	9.82
PROF (metros)	0.139	0.139	0.54	0.583	4.85	1.922	0.139
MÁXIMO	14.12	14.12	1.72	5.78	4667.3	0.38	42.38
PROF (metros)	0.537	0.508	4.286	0.139	0.529	0.537	0.499

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E08 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.72	4.74	0.23	4.46	3247.3	0.15	40.38
1 - 2m	14.1	4.98	1.48	4.37	496.42	0.02	42.34
2 - 3m	14.11	4.98	1.53	4.42	377.68	0.04	42.34
3 - 4m	14.11	4.98	1.6	4.71	269.77	0.05	42.36
4 - 5m	14.12	4.98	1.52	4.7	198.04	0.06	42.36

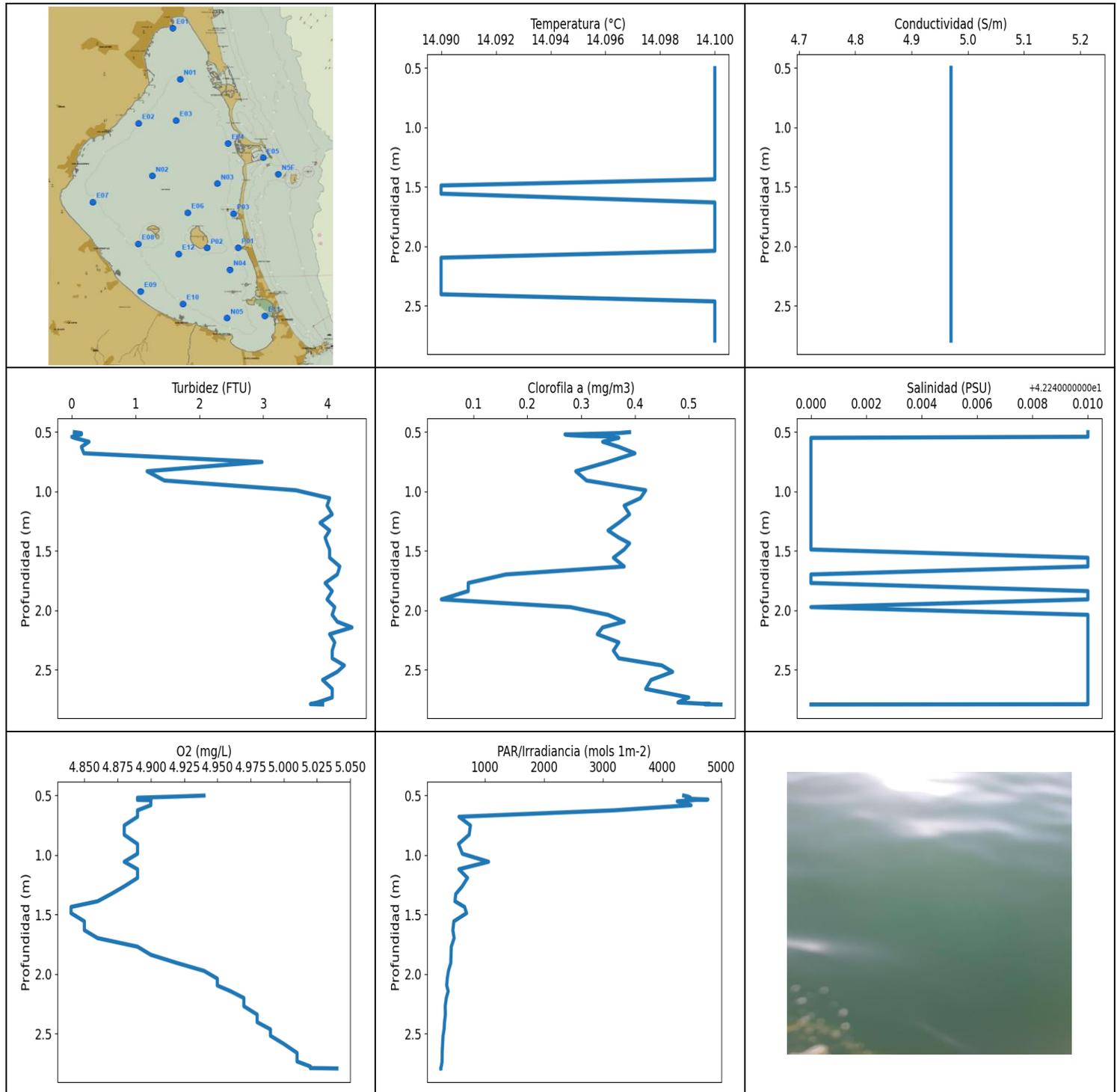
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.139	10.29	1.2	0.19	5.78	3927.1	0.04	9.82
0.316	10.41	3.87	0.19	4.76	3930.7	0.01	35.22
0.499	14.1	4.98	0.15	4.48	4306.6	0.35	42.38
0.508	14.11	4.99	0.19	4.48	4547.7	0.34	42.38
0.529	14.11	4.99	0.11	4.48	4667.3	0.36	42.38
0.537	14.12	4.99	0.08	4.46	4370.9	0.38	42.37
0.54	14.12	4.99	0.0	4.47	4433.2	0.33	42.37
0.542	14.12	4.98	0.04	4.49	3182.5	0.29	42.37
0.543	14.12	4.98	0.11	4.48	3229.3	0.32	42.37
0.546	14.11	4.98	0.27	4.48	3986.7	0.28	42.37
0.547	14.11	4.98	0.0	4.47	3163.4	0.24	42.37
0.549	14.11	4.98	0.08	4.48	3119.0	0.27	42.37
0.551	14.11	4.98	0.11	4.5	3056.0	0.15	42.36
0.555	14.11	4.98	0.11	4.49	3566.9	0.05	42.36
0.556	14.08	4.98	0.08	4.24	3552.9	0.03	42.36
0.567	14.08	4.98	0.27	4.23	3442.7	0.01	42.35
0.582	14.08	4.98	0.11	4.23	3148.1	0.02	42.36
0.583	14.07	4.98	0.19	4.21	3285.2	0.02	42.35
0.598	14.07	4.98	0.08	4.21	3359.9	0.03	42.36
0.65	14.07	4.98	0.0	4.21	731.29	0.04	42.36
0.721	14.07	4.98	0.69	4.21	1006.7	0.01	42.35
0.909	14.06	4.98	0.19	4.22	497.85	0.01	42.35
0.976	14.06	4.98	1.37	4.23	761.92	0.01	42.37
1.058	14.06	4.98	1.53	4.25	793.28	0.03	42.37
1.209	14.08	4.98	1.45	4.32	677.13	0.02	42.36
1.354	14.09	4.98	1.3	4.4	611.62	0.03	42.35
1.431	14.1	4.98	1.41	4.4	467.65	0.03	42.34
1.504	14.1	4.98	1.49	4.41	473.87	0.02	42.35
1.571	14.1	4.98	1.53	4.41	455.67	0.03	42.34
1.637	14.1	4.98	1.56	4.4	557.86	0.02	42.34
1.708	14.1	4.98	1.41	4.39	406.37	0.04	42.34
1.772	14.1	4.98	1.53	4.38	377.23	0.01	42.32
1.823	14.1	4.98	1.53	4.37	444.92	0.01	42.33
1.922	14.1	4.98	1.37	4.35	352.88	0.0	42.35
1.98	14.11	4.98	1.68	4.36	338.61	0.02	42.33
2.032	14.1	4.98	1.56	4.37	385.36	0.03	42.32
2.073	14.1	4.98	1.56	4.37	330.78	0.01	42.33

2.115	14.1	4.98	1.53	4.37	334.79	0.03	42.34
2.26	14.1	4.98	1.6	4.4	298.36	0.05	42.33
2.379	14.1	4.98	1.49	4.41	946.73	0.04	42.33
2.428	14.1	4.98	1.56	4.4	317.41	0.02	42.35
2.489	14.1	4.98	1.6	4.4	389.13	0.05	42.35
2.562	14.1	4.98	1.6	4.4	294.38	0.07	42.33
2.626	14.1	4.98	1.45	4.4	344.07	0.03	42.32
2.67	14.11	4.98	1.49	4.39	405.99	0.0	42.33
2.707	14.11	4.98	1.6	4.4	310.35	0.05	42.36
2.757	14.11	4.98	1.45	4.42	397.61	0.05	42.34
2.814	14.11	4.98	1.56	4.43	334.94	0.04	42.33
2.863	14.11	4.98	1.56	4.46	361.99	0.02	42.34
2.911	14.11	4.98	1.45	4.52	304.72	0.06	42.36
2.97	14.11	4.98	1.41	4.61	286.24	0.07	42.36
3.024	14.11	4.98	1.64	4.63	304.44	0.05	42.34
3.074	14.11	4.98	1.64	4.66	321.93	0.05	42.35
3.136	14.11	4.98	1.64	4.69	294.31	0.03	42.37
3.209	14.11	4.98	1.68	4.71	280.72	0.08	42.36
3.273	14.11	4.98	1.6	4.72	281.3	0.06	42.35
3.331	14.11	4.98	1.53	4.71	268.31	0.06	42.36
3.39	14.11	4.98	1.53	4.7	281.7	0.04	42.36
3.439	14.11	4.98	1.64	4.71	324.78	0.07	42.36
3.491	14.11	4.98	1.53	4.71	270.62	0.06	42.37
3.555	14.11	4.98	1.68	4.71	263.2	0.05	42.37
3.627	14.11	4.98	1.45	4.7	260.89	0.05	42.36
3.702	14.12	4.98	1.53	4.71	244.67	0.02	42.37
3.768	14.12	4.98	1.6	4.72	285.57	0.09	42.36
3.816	14.12	4.98	1.64	4.73	238.57	0.03	42.35
3.86	14.12	4.98	1.6	4.74	220.9	0.03	42.36
3.917	14.12	4.98	1.64	4.74	217.54	0.08	42.37
3.981	14.12	4.98	1.56	4.74	226.6	0.08	42.37
4.047	14.12	4.98	1.64	4.73	239.06	0.08	42.36
4.106	14.12	4.98	1.45	4.75	227.13	0.06	42.36
4.161	14.12	4.98	1.53	4.73	217.75	0.06	42.36
4.218	14.12	4.98	1.53	4.72	219.21	0.05	42.36
4.286	14.12	4.98	1.72	4.72	214.64	0.04	42.36
4.349	14.12	4.98	1.64	4.71	201.06	0.05	42.35
4.414	14.12	4.98	1.45	4.71	197.46	0.06	42.35
4.481	14.12	4.98	1.41	4.7	198.74	0.0	42.36
4.549	14.12	4.98	1.56	4.69	196.04	0.04	42.36
4.609	14.12	4.98	1.56	4.68	190.49	0.06	42.36
4.663	14.12	4.98	1.41	4.67	183.21	0.09	42.36
4.72	14.12	4.98	1.56	4.66	178.97	0.08	42.37
4.787	14.12	4.98	1.45	4.65	177.57	0.05	42.37
4.834	14.12	4.98	1.37	4.66	175.56	0.06	42.35
4.849	14.12	4.98	1.56	4.68	180.06	0.07	42.37
4.85	14.12	4.99	1.45	4.68	171.74	0.1	42.37



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.09	4.97	0.0	4.84	250.0	0.04	42.24
PROF (metros)	1.489	0.501	0.54	1.437	2.791	1.909	0.582
MÁXIMO	14.1	14.1	4.39	5.04	4776.7	0.56	42.25
PROF (metros)	0.501	0.501	2.145	2.794	0.534	2.794	0.501

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E09 - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.1	4.97	0.69	4.9	3109.09	0.34	42.25
1 - 2m	14.1	4.97	4.04	4.88	555.38	0.3	42.24
2 - 3m	14.1	4.97	4.05	4.99	302.53	0.43	42.25

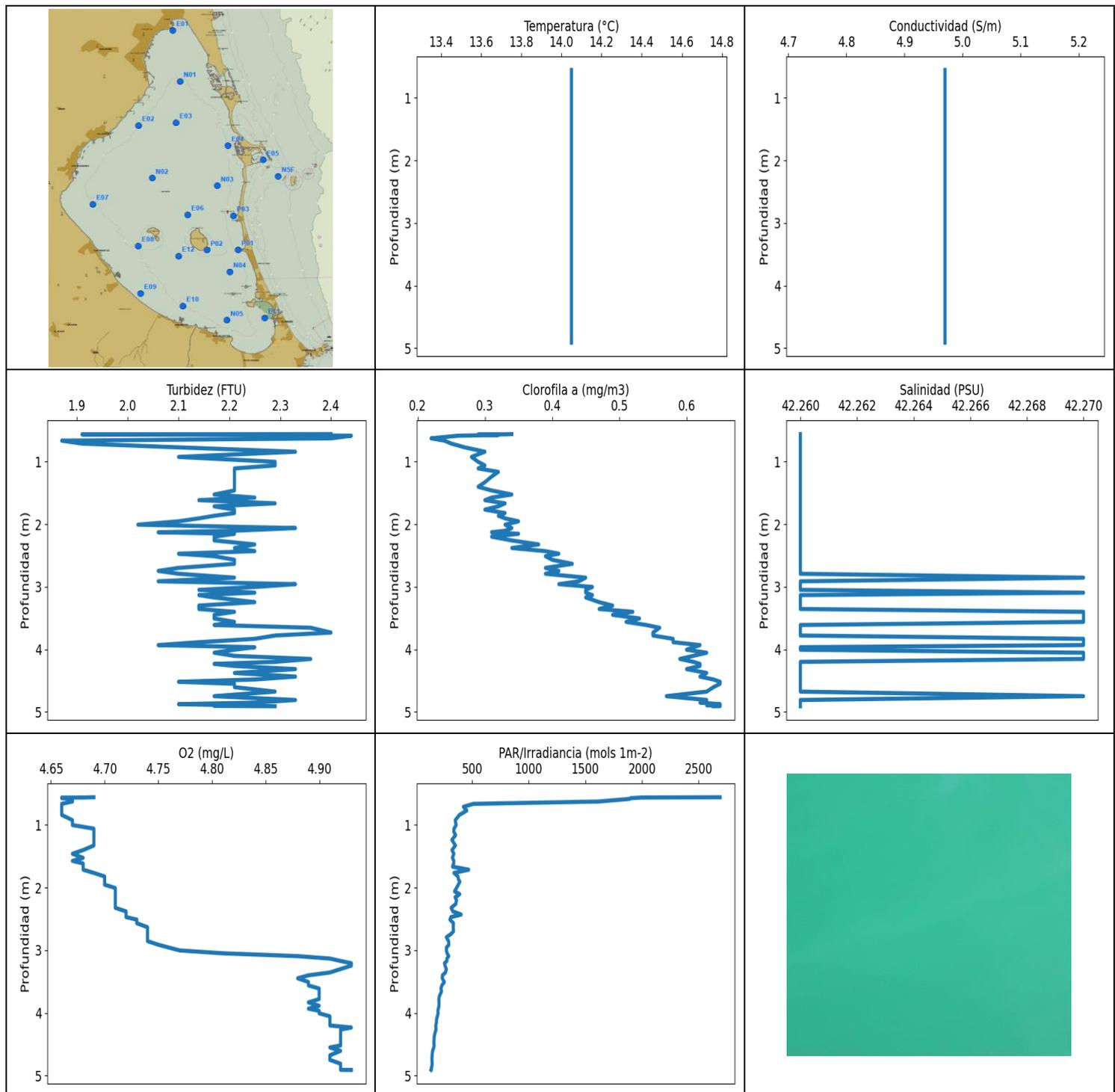
OBSERVACIONES GENERALES

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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)
0.501	14.1	4.97	0.04	4.94	4366.9	0.39	42.25
0.509	14.1	4.97	0.15	4.92	4437.3	0.37	42.25
0.519	14.1	4.97	0.11	4.89	4481.7	0.29	42.25
0.52	14.1	4.97	0.15	4.89	4444.5	0.27	42.25
0.527	14.1	4.97	0.04	4.89	4412.7	0.28	42.25
0.534	14.1	4.97	0.04	4.9	4776.7	0.31	42.25
0.537	14.1	4.97	0.04	4.89	4565.6	0.35	42.25
0.54	14.1	4.97	0.0	4.9	4514.1	0.35	42.25
0.549	14.1	4.97	0.04	4.9	4258.9	0.37	42.24
0.582	14.1	4.97	0.27	4.9	4492.1	0.34	42.24
0.625	14.1	4.97	0.15	4.89	3187.0	0.37	42.24
0.679	14.1	4.97	0.19	4.89	559.41	0.4	42.24
0.752	14.1	4.97	2.98	4.88	753.49	0.35	42.24
0.83	14.1	4.97	1.18	4.88	731.13	0.29	42.24
0.908	14.1	4.97	1.45	4.89	551.3	0.31	42.24
0.99	14.1	4.97	3.51	4.89	617.61	0.42	42.24
1.057	14.1	4.97	4.04	4.88	1060.3	0.41	42.24
1.12	14.1	4.97	4.0	4.89	557.86	0.38	42.24
1.193	14.1	4.97	4.08	4.89	703.69	0.39	42.24
1.264	14.1	4.97	3.89	4.88	613.61	0.37	42.24
1.329	14.1	4.97	4.04	4.87	503.89	0.35	42.24
1.389	14.1	4.97	3.97	4.86	490.98	0.37	42.24
1.437	14.1	4.97	4.0	4.84	653.84	0.39	42.24
1.489	14.09	4.97	4.04	4.84	687.57	0.38	42.24
1.558	14.09	4.97	4.04	4.85	472.44	0.36	42.25
1.632	14.1	4.97	4.2	4.85	455.56	0.38	42.25
1.699	14.1	4.97	4.16	4.86	476.84	0.16	42.24
1.771	14.1	4.97	3.97	4.89	429.02	0.09	42.24
1.839	14.1	4.97	4.08	4.9	424.57	0.09	42.25
1.909	14.1	4.97	4.0	4.92	420.16	0.04	42.25
1.974	14.1	4.97	4.12	4.94	380.31	0.28	42.24
2.039	14.1	4.97	4.08	4.95	360.48	0.35	42.25
2.097	14.09	4.97	4.16	4.95	351.57	0.38	42.25
2.145	14.09	4.97	4.39	4.96	376.36	0.34	42.25
2.202	14.09	4.97	4.04	4.97	344.07	0.33	42.25
2.271	14.09	4.97	4.12	4.97	325.83	0.37	42.25
2.341	14.09	4.97	4.08	4.98	328.64	0.36	42.25
2.405	14.09	4.97	4.08	4.98	313.97	0.37	42.25
2.465	14.1	4.97	4.27	4.99	306.85	0.45	42.25

2.519	14.1	4.97	4.16	4.99	289.24	0.47	42.25
2.587	14.1	4.97	3.93	5.0	281.63	0.43	42.25
2.663	14.1	4.97	4.08	5.01	274.35	0.42	42.25
2.735	14.1	4.97	4.08	5.01	273.14	0.5	42.25
2.777	14.1	4.97	3.85	5.02	259.69	0.48	42.25
2.791	14.1	4.97	3.74	5.02	250.0	0.54	42.25
2.792	14.1	4.97	3.82	5.03	252.1	0.53	42.25
2.794	14.1	4.97	3.93	5.04	252.5	0.56	42.24



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.05	4.97	1.87	4.66	137.64	0.22	42.26
PROF (metros)	0.559	0.559	0.664	0.564	4.91	0.627	0.559
MÁXIMO	14.05	14.05	2.44	4.93	2691.5	0.65	42.27
PROF (metros)	0.559	0.559	0.585	3.207	0.559	4.519	2.854

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E10 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.05	4.97	2.16	4.67	1396.17	0.29	42.26
1 - 2m	14.05	4.97	2.21	4.69	354.6	0.31	42.26
2 - 3m	14.05	4.97	2.17	4.73	332.32	0.38	42.26
3 - 4m	14.05	4.97	2.21	4.89	242.69	0.51	42.26
4 - 5m	14.05	4.97	2.23	4.92	161.62	0.63	42.26

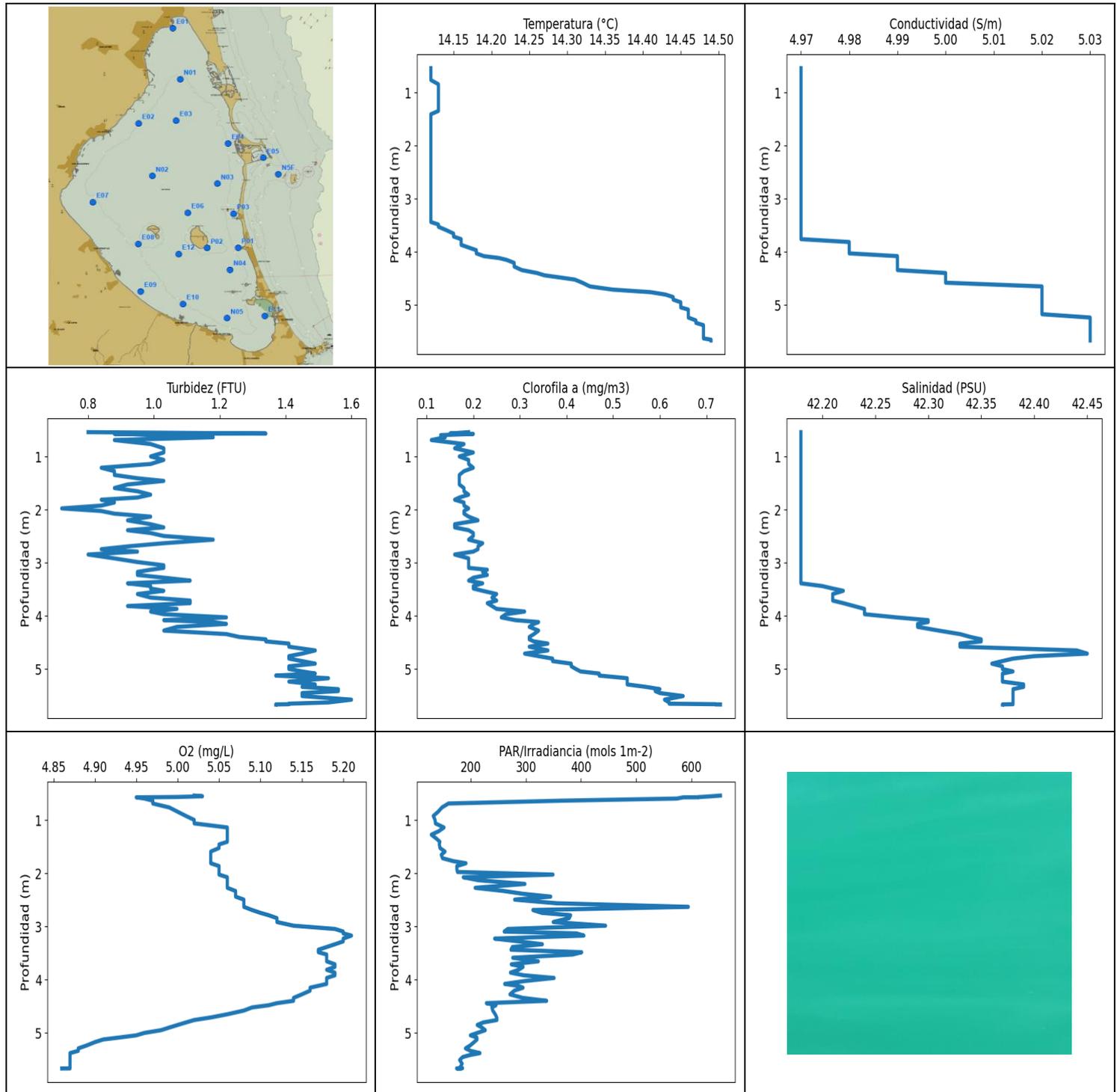
OBSERVACIONES GENERALES

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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)
0.559	14.05	4.97	2.4	4.69	2691.5	0.34	42.26
0.563	14.05	4.97	1.91	4.68	1994.1	0.33	42.26
0.564	14.05	4.97	2.21	4.66	1986.2	0.31	42.26
0.565	14.05	4.97	2.1	4.66	1979.8	0.3	42.26
0.566	14.05	4.97	1.98	4.66	1967.5	0.29	42.26
0.573	14.05	4.97	2.29	4.66	1900.7	0.32	42.26
0.585	14.05	4.97	2.44	4.67	1891.0	0.26	42.26
0.627	14.05	4.97	2.4	4.67	1614.9	0.22	42.26
0.664	14.05	4.97	1.87	4.66	510.71	0.24	42.26
0.711	14.05	4.97	1.91	4.66	422.7	0.25	42.26
0.771	14.05	4.97	2.1	4.66	452.41	0.27	42.26
0.841	14.05	4.97	2.33	4.66	387.87	0.3	42.26
0.924	14.05	4.97	2.1	4.67	350.76	0.28	42.26
1.002	14.05	4.97	2.29	4.67	358.56	0.29	42.26
1.06	14.05	4.97	2.29	4.69	339.87	0.3	42.26
1.108	14.05	4.97	2.21	4.69	337.83	0.29	42.26
1.163	14.05	4.97	2.21	4.69	354.1	0.32	42.26
1.238	14.05	4.97	2.21	4.69	321.33	0.31	42.26
1.328	14.05	4.97	2.21	4.69	352.22	0.3	42.26
1.401	14.05	4.97	2.21	4.68	321.85	0.29	42.26
1.46	14.05	4.97	2.21	4.67	339.01	0.31	42.26
1.525	14.05	4.97	2.17	4.68	325.38	0.34	42.26
1.574	14.05	4.97	2.25	4.67	338.3	0.31	42.26
1.615	14.05	4.97	2.14	4.68	336.73	0.3	42.26
1.666	14.05	4.97	2.29	4.68	326.66	0.33	42.26
1.714	14.05	4.97	2.17	4.68	469.06	0.32	42.26
1.766	14.05	4.97	2.21	4.69	339.71	0.3	42.26
1.822	14.05	4.97	2.21	4.7	374.36	0.33	42.26
1.865	14.05	4.97	2.17	4.7	379.25	0.32	42.26
1.906	14.05	4.97	2.14	4.7	390.94	0.33	42.26
1.953	14.05	4.97	2.1	4.7	377.58	0.35	42.26
2.007	14.05	4.97	2.02	4.71	361.74	0.33	42.26
2.061	14.05	4.97	2.33	4.71	345.03	0.34	42.26
2.104	14.05	4.97	2.21	4.71	389.95	0.33	42.26
2.128	14.05	4.97	2.06	4.71	374.1	0.31	42.26
2.153	14.05	4.97	2.21	4.71	349.7	0.35	42.26
2.199	14.05	4.97	2.17	4.71	361.99	0.31	42.26

2.259	14.05	4.97	2.17	4.71	356.0	0.34	42.26
2.323	14.05	4.97	2.25	4.71	314.99	0.38	42.26
2.38	14.05	4.97	2.21	4.72	329.86	0.34	42.26
2.43	14.05	4.97	2.25	4.72	403.09	0.39	42.26
2.471	14.05	4.97	2.1	4.72	312.81	0.41	42.26
2.511	14.05	4.97	2.17	4.73	303.52	0.39	42.26
2.568	14.05	4.97	2.21	4.73	334.71	0.4	42.26
2.633	14.05	4.97	2.21	4.74	333.01	0.43	42.26
2.698	14.05	4.97	2.1	4.74	335.41	0.39	42.26
2.746	14.05	4.97	2.06	4.74	309.71	0.41	42.26
2.792	14.05	4.97	2.1	4.74	272.32	0.39	42.26
2.854	14.05	4.97	2.21	4.74	291.39	0.45	42.27
2.912	14.05	4.97	2.06	4.75	293.97	0.44	42.26
2.958	14.05	4.97	2.33	4.76	273.14	0.41	42.26
3.003	14.05	4.97	2.25	4.77	272.89	0.46	42.26
3.049	14.05	4.97	2.14	4.81	279.36	0.45	42.26
3.094	14.05	4.97	2.25	4.88	292.95	0.45	42.27
3.133	14.05	4.97	2.14	4.91	276.78	0.46	42.26
3.171	14.05	4.97	2.17	4.92	277.23	0.45	42.26
3.207	14.05	4.97	2.21	4.93	255.57	0.46	42.26
3.246	14.05	4.97	2.25	4.93	261.01	0.47	42.26
3.3	14.05	4.97	2.14	4.92	271.82	0.49	42.26
3.355	14.05	4.97	2.14	4.91	264.3	0.47	42.26
3.4	14.05	4.97	2.21	4.89	237.24	0.52	42.27
3.448	14.05	4.97	2.17	4.88	236.15	0.49	42.27
3.507	14.05	4.97	2.17	4.89	254.15	0.53	42.27
3.561	14.05	4.97	2.21	4.89	232.78	0.51	42.27
3.611	14.05	4.97	2.17	4.9	224.35	0.54	42.26
3.655	14.05	4.97	2.36	4.9	229.61	0.56	42.26
3.732	14.05	4.97	2.4	4.9	210.79	0.55	42.26
3.779	14.05	4.97	2.29	4.9	205.92	0.55	42.26
3.832	14.05	4.97	2.25	4.89	207.26	0.58	42.27
3.886	14.05	4.97	2.14	4.9	207.06	0.58	42.27
3.932	14.05	4.97	2.06	4.89	201.76	0.62	42.27
3.966	14.05	4.97	2.25	4.9	197.5	0.61	42.26
4.006	14.05	4.97	2.21	4.9	199.11	0.6	42.26
4.054	14.05	4.97	2.17	4.91	192.75	0.63	42.27
4.105	14.05	4.97	2.21	4.91	185.26	0.61	42.27
4.154	14.05	4.97	2.36	4.91	184.28	0.59	42.27
4.2	14.05	4.97	2.29	4.91	178.68	0.61	42.26
4.233	14.05	4.97	2.17	4.93	179.72	0.62	42.26
4.266	14.05	4.97	2.21	4.92	181.73	0.62	42.26
4.316	14.05	4.97	2.33	4.92	171.94	0.6	42.26
4.378	14.05	4.97	2.21	4.92	165.07	0.63	42.26
4.436	14.05	4.97	2.33	4.92	163.05	0.62	42.26
4.482	14.05	4.97	2.25	4.92	162.19	0.64	42.26
4.519	14.05	4.97	2.1	4.92	164.3	0.65	42.26
4.551	14.05	4.97	2.21	4.91	161.62	0.65	42.26
4.605	14.05	4.97	2.21	4.92	150.87	0.64	42.26
4.676	14.05	4.97	2.29	4.91	146.19	0.63	42.26
4.749	14.05	4.97	2.17	4.91	144.64	0.57	42.27
4.81	14.05	4.97	2.33	4.92	146.87	0.63	42.26
4.852	14.05	4.97	2.25	4.92	144.57	0.62	42.26
4.877	14.05	4.97	2.1	4.92	139.18	0.65	42.26
4.894	14.05	4.97	2.21	4.92	138.79	0.63	42.26
4.904	14.05	4.97	2.17	4.92	140.61	0.65	42.26
4.908	14.05	4.97	2.25	4.92	138.31	0.65	42.26
4.91	14.05	4.97	2.29	4.93	137.64	0.64	42.26



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.12	4.97	0.73	4.86	128.31	0.11	42.18
PROF (metros)	0.538	0.538	1.975	5.671	1.273	0.687	0.538
MÁXIMO	14.49	14.49	1.6	5.21	653.09	0.73	42.45
PROF (metros)	5.656	5.239	5.58	3.172	0.538	5.671	4.712

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N05 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.12	4.97	1.02	4.99	413.39	0.16	42.18
1 - 2m	14.12	4.97	0.91	5.05	153.57	0.18	42.18
2 - 3m	14.12	4.97	0.95	5.08	328.28	0.19	42.18
3 - 4m	14.14	4.97	1.01	5.19	310.1	0.23	42.2
4 - 5m	14.31	5.0	1.31	5.09	257.4	0.34	42.34
5 - 6m	14.47	5.03	1.46	4.89	194.06	0.58	42.38

OBSERVACIONES GENERALES

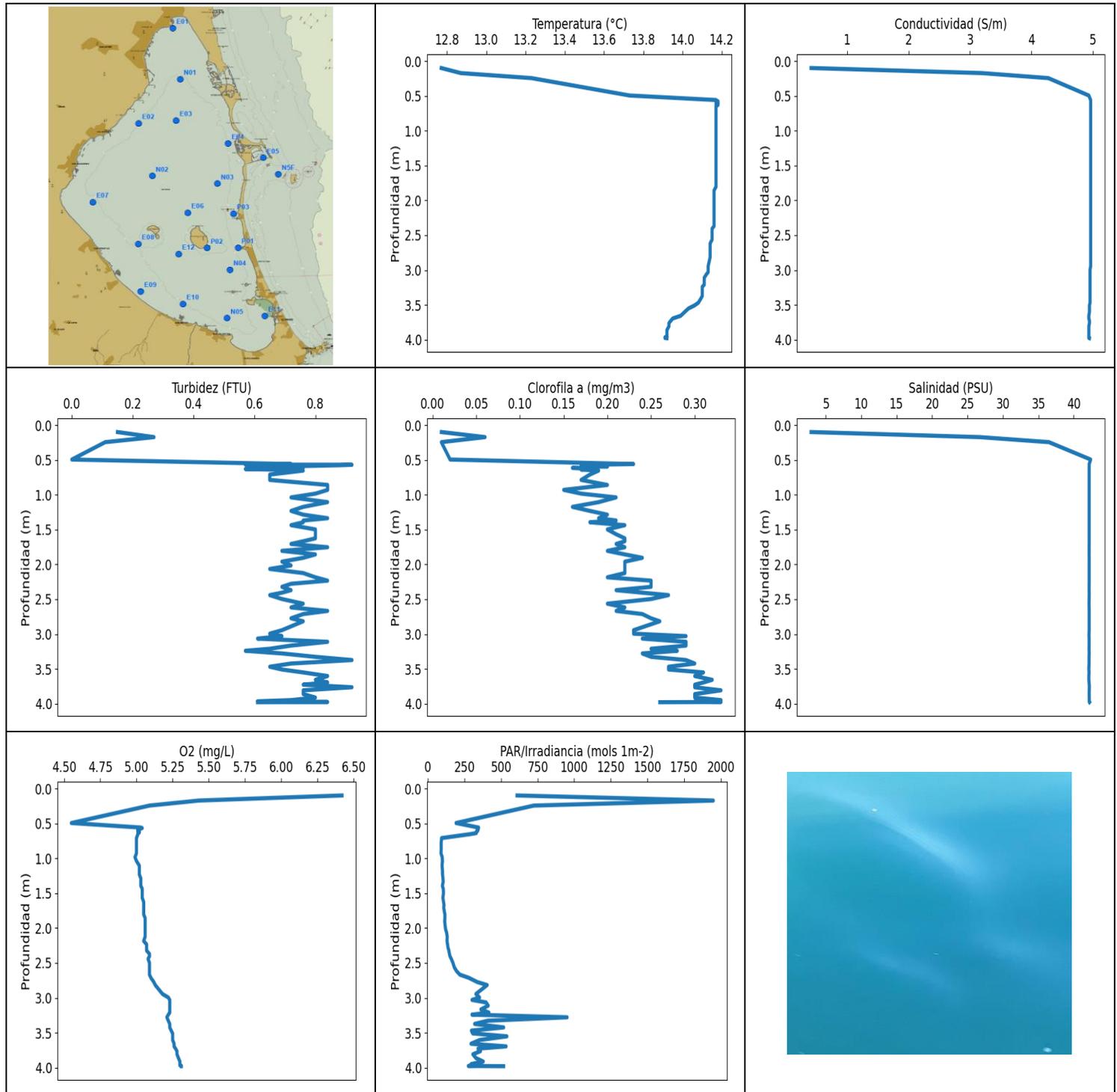
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.538	14.12	4.97	0.8	5.02	653.09	0.19	42.18
0.551	14.12	4.97	1.07	5.03	637.09	0.17	42.18
0.564	14.12	4.97	1.34	5.0	617.75	0.15	42.18
0.566	14.12	4.97	1.11	4.99	612.9	0.16	42.18
0.57	14.12	4.97	0.88	4.96	613.19	0.18	42.18
0.571	14.12	4.97	0.92	4.95	585.68	0.2	42.18
0.594	14.12	4.97	0.99	4.96	573.99	0.13	42.18
0.634	14.12	4.97	1.18	4.97	365.78	0.14	42.18
0.687	14.12	4.97	0.88	4.97	159.35	0.11	42.18
0.762	14.12	4.97	0.99	4.99	147.59	0.18	42.18
0.842	14.13	4.97	1.03	5.0	140.7	0.16	42.18
0.921	14.13	4.97	1.03	5.01	131.92	0.2	42.18
0.996	14.13	4.97	0.99	5.02	135.08	0.17	42.18
1.061	14.13	4.97	1.03	5.02	135.74	0.19	42.18
1.138	14.13	4.97	0.99	5.06	151.4	0.19	42.18
1.209	14.13	4.97	0.84	5.06	141.59	0.2	42.18
1.273	14.13	4.97	0.88	5.06	128.31	0.18	42.18
1.345	14.13	4.97	0.88	5.06	137.26	0.17	42.18
1.407	14.12	4.97	0.95	5.06	143.77	0.17	42.18
1.457	14.12	4.97	1.03	5.05	142.77	0.17	42.18
1.524	14.12	4.97	0.92	5.05	144.1	0.17	42.18
1.591	14.12	4.97	0.88	5.04	153.2	0.18	42.18
1.652	14.12	4.97	0.95	5.04	146.33	0.18	42.18
1.716	14.12	4.97	0.99	5.04	148.65	0.19	42.18
1.77	14.12	4.97	0.95	5.04	167.73	0.17	42.18
1.811	14.12	4.97	0.84	5.04	191.24	0.16	42.18
1.864	14.12	4.97	0.88	5.05	174.55	0.18	42.18
1.922	14.12	4.97	0.84	5.05	174.67	0.18	42.18
1.975	14.12	4.97	0.72	5.05	175.77	0.19	42.18
2.024	14.12	4.97	0.84	5.05	349.13	0.18	42.18
2.074	14.12	4.97	0.88	5.06	186.34	0.18	42.18
2.13	14.12	4.97	0.99	5.06	213.84	0.19	42.18
2.2	14.12	4.97	0.92	5.06	298.16	0.21	42.18
2.273	14.12	4.97	0.99	5.06	207.88	0.16	42.18
2.333	14.12	4.97	1.03	5.07	260.11	0.16	42.18
2.386	14.12	4.97	0.92	5.07	294.79	0.19	42.18

2.439	14.12	4.97	0.99	5.07	345.03	0.2	42.18
2.495	14.12	4.97	1.03	5.08	279.55	0.2	42.18
2.564	14.12	4.97	1.18	5.08	356.0	0.19	42.18
2.631	14.12	4.97	1.03	5.08	594.71	0.22	42.18
2.691	14.12	4.97	0.92	5.09	312.66	0.21	42.18
2.744	14.12	4.97	0.84	5.1	328.87	0.21	42.18
2.789	14.12	4.97	0.95	5.11	381.1	0.2	42.18
2.844	14.12	4.97	0.8	5.12	378.55	0.16	42.18
2.917	14.12	4.97	0.88	5.12	349.54	0.19	42.18
2.986	14.12	4.97	0.95	5.14	444.51	0.19	42.18
3.047	14.12	4.97	1.03	5.19	267.07	0.19	42.18
3.096	14.12	4.97	1.03	5.2	260.59	0.19	42.18
3.131	14.12	4.97	0.99	5.2	391.85	0.23	42.18
3.172	14.12	4.97	0.95	5.21	405.24	0.22	42.18
3.229	14.12	4.97	0.95	5.2	243.26	0.23	42.18
3.281	14.12	4.97	1.03	5.2	287.03	0.2	42.18
3.335	14.12	4.97	1.11	5.19	329.78	0.19	42.18
3.387	14.12	4.97	0.92	5.18	275.37	0.22	42.18
3.438	14.12	4.97	0.99	5.17	272.89	0.2	42.2
3.485	14.13	4.97	0.99	5.17	401.22	0.2	42.21
3.528	14.13	4.97	1.03	5.18	384.92	0.22	42.22
3.589	14.14	4.97	0.95	5.18	276.07	0.25	42.21
3.656	14.15	4.97	0.99	5.18	322.53	0.24	42.21
3.712	14.15	4.97	1.11	5.19	273.46	0.25	42.21
3.761	14.16	4.97	1.11	5.19	294.79	0.23	42.22
3.815	14.16	4.98	0.92	5.18	286.7	0.24	42.23
3.869	14.16	4.98	1.07	5.19	271.94	0.25	42.24
3.919	14.17	4.98	0.99	5.19	296.02	0.31	42.24
3.969	14.18	4.98	1.03	5.18	351.16	0.27	42.24
4.029	14.18	4.98	1.22	5.18	296.02	0.26	42.27
4.081	14.19	4.99	1.03	5.18	261.44	0.29	42.3
4.117	14.21	4.99	1.18	5.17	285.64	0.34	42.3
4.152	14.22	4.99	1.22	5.16	294.79	0.33	42.29
4.208	14.23	4.99	1.07	5.16	278.84	0.32	42.29
4.278	14.23	4.99	1.03	5.15	271.0	0.34	42.31
4.344	14.24	4.99	1.22	5.14	294.38	0.33	42.33
4.399	14.26	5.0	1.26	5.14	337.59	0.32	42.34
4.443	14.27	5.0	1.34	5.12	228.24	0.32	42.35
4.482	14.29	5.0	1.34	5.11	245.64	0.33	42.35
4.523	14.31	5.0	1.41	5.09	238.23	0.36	42.33
4.582	14.32	5.0	1.41	5.08	239.84	0.32	42.33
4.652	14.33	5.02	1.49	5.06	244.27	0.36	42.44
4.712	14.36	5.02	1.45	5.04	247.01	0.31	42.45
4.76	14.41	5.02	1.41	5.02	247.29	0.34	42.4
4.806	14.43	5.02	1.41	5.01	222.34	0.37	42.38
4.853	14.44	5.02	1.45	5.0	211.63	0.37	42.37
4.901	14.44	5.02	1.49	4.99	220.18	0.41	42.36
4.951	14.45	5.02	1.41	4.98	226.23	0.41	42.37
5.002	14.45	5.02	1.41	4.96	211.87	0.42	42.37
5.048	14.45	5.02	1.45	4.95	199.2	0.43	42.38
5.088	14.46	5.02	1.49	4.93	210.89	0.47	42.37
5.126	14.46	5.02	1.37	4.91	211.23	0.47	42.37
5.176	14.46	5.02	1.53	4.9	205.87	0.53	42.37
5.239	14.46	5.03	1.41	4.89	198.74	0.53	42.37
5.293	14.47	5.03	1.49	4.88	190.27	0.53	42.39
5.339	14.47	5.03	1.45	4.88	199.39	0.57	42.39
5.382	14.48	5.03	1.56	4.87	216.54	0.6	42.38
5.418	14.48	5.03	1.56	4.87	198.56	0.59	42.38

5.456	14.48	5.03	1.45	4.87	185.26	0.6	42.38
5.512	14.48	5.03	1.45	4.87	179.72	0.65	42.38
5.58	14.48	5.03	1.6	4.87	184.19	0.61	42.38
5.632	14.48	5.03	1.53	4.87	181.57	0.62	42.38
5.656	14.49	5.03	1.41	4.87	179.89	0.62	42.38
5.666	14.49	5.03	1.41	4.87	184.92	0.72	42.38
5.67	14.49	5.03	1.37	4.87	174.23	0.72	42.37
5.671	14.49	5.03	1.37	4.86	180.68	0.73	42.37



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/m³)	Salinidad (PSU)
MÍNIMO	12.77	0.41	0.0	4.55	89.62	0.01	2.91
PROF (metros)	0.098	0.098	0.493	0.493	0.929	0.098	0.098
MÁXIMO	14.18	14.18	0.92	6.42	1949.8	0.33	42.39
PROF (metros)	0.575	0.558	0.568	0.098	0.171	3.809	0.493

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E11 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.01	4.65	0.65	5.1	383.7	0.16	39.43
1 - 2m	14.17	4.97	0.77	5.04	106.39	0.2	42.18
2 - 3m	14.15	4.97	0.73	5.09	202.89	0.23	42.18
3 - 4m	14.01	4.95	0.74	5.26	393.4	0.29	42.17

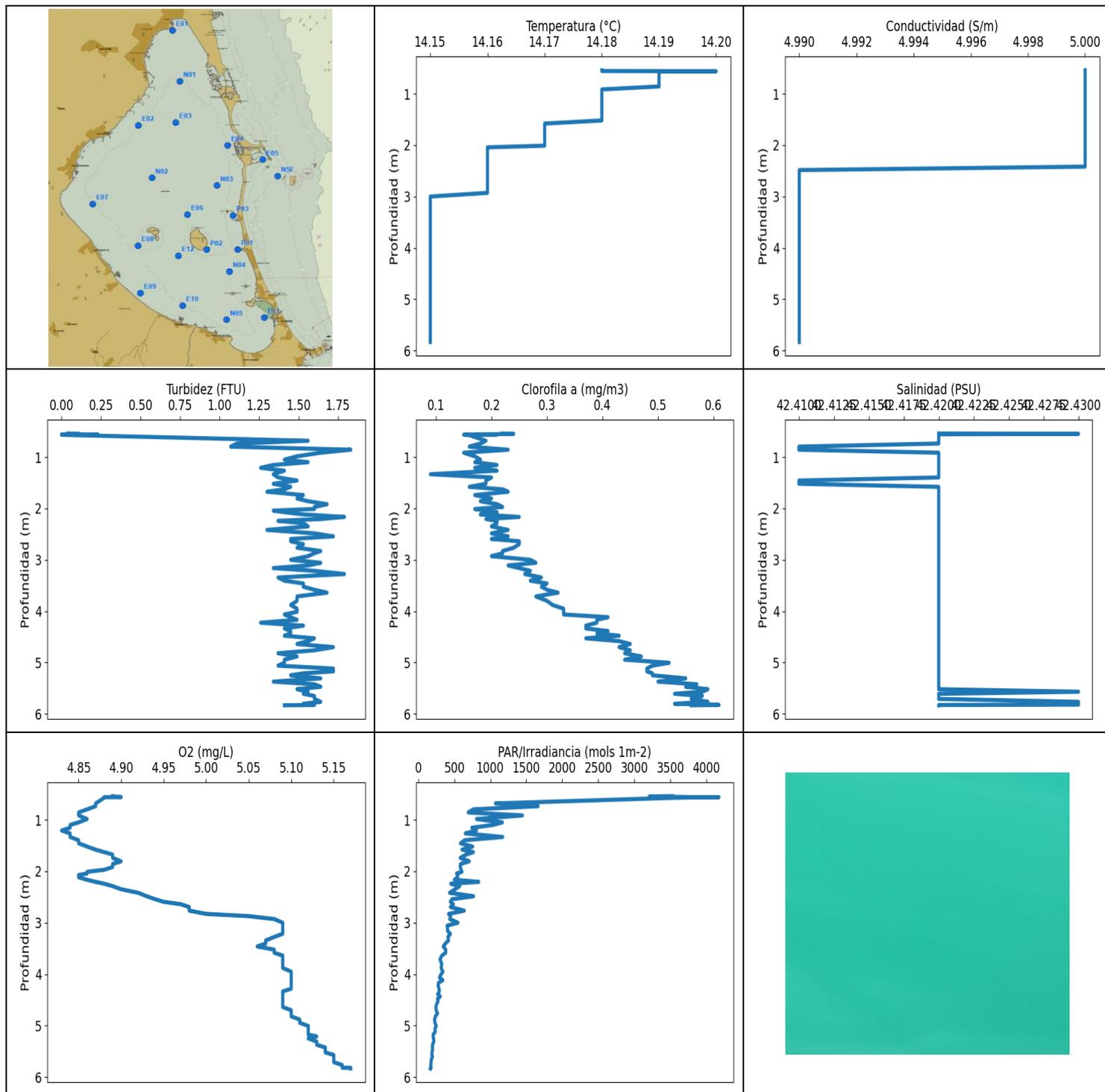
OBSERVACIONES GENERALES

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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)
0.098	12.77	0.41	0.15	6.42	609.08	0.01	2.91
0.171	12.87	3.2	0.27	5.43	1949.8	0.06	26.73
0.243	13.23	4.28	0.11	5.09	723.2	0.01	36.5
0.493	13.73	4.94	0.0	4.55	192.49	0.02	42.39
0.558	14.17	4.97	0.72	5.03	346.39	0.23	42.18
0.566	14.17	4.97	0.57	5.04	346.15	0.19	42.18
0.568	14.17	4.97	0.92	5.01	343.91	0.17	42.18
0.575	14.18	4.97	0.88	5.02	342.56	0.18	42.18
0.59	14.18	4.97	0.72	5.02	340.03	0.2	42.18
0.591	14.18	4.97	0.72	5.02	339.87	0.2	42.18
0.595	14.18	4.97	0.69	5.01	341.37	0.2	42.18
0.596	14.18	4.97	0.76	5.01	340.19	0.17	42.18
0.606	14.17	4.97	0.65	5.02	339.87	0.17	42.18
0.611	14.17	4.97	0.76	5.01	333.55	0.17	42.18
0.613	14.18	4.97	0.69	5.02	332.24	0.16	42.18
0.629	14.18	4.97	0.57	5.02	330.01	0.18	42.18
0.637	14.17	4.97	0.65	5.01	330.55	0.17	42.18
0.652	14.17	4.97	0.76	5.01	289.84	0.19	42.18
0.709	14.17	4.97	0.65	5.0	93.55	0.18	42.18
0.786	14.17	4.97	0.65	5.0	90.52	0.17	42.18
0.858	14.17	4.97	0.84	5.0	91.09	0.2	42.18
0.929	14.17	4.97	0.84	5.0	89.62	0.15	42.18
0.983	14.17	4.97	0.8	4.99	98.08	0.17	42.18
1.037	14.17	4.97	0.72	5.0	99.52	0.21	42.18
1.105	14.17	4.97	0.84	5.02	96.93	0.19	42.18
1.173	14.17	4.97	0.76	5.02	99.78	0.16	42.18
1.231	14.17	4.97	0.72	5.02	100.03	0.18	42.18
1.285	14.17	4.97	0.76	5.03	102.92	0.2	42.18
1.336	14.17	4.97	0.84	5.03	104.88	0.19	42.18
1.369	14.17	4.97	0.76	5.03	101.22	0.21	42.18
1.394	14.17	4.97	0.76	5.03	99.25	0.18	42.18
1.436	14.17	4.97	0.72	5.04	105.09	0.22	42.18
1.497	14.17	4.97	0.8	5.04	106.69	0.2	42.18
1.566	14.17	4.97	0.8	5.04	102.83	0.21	42.18
1.625	14.17	4.97	0.8	5.05	106.91	0.22	42.18
1.667	14.17	4.97	0.76	5.05	110.16	0.22	42.18
1.706	14.17	4.97	0.72	5.05	108.21	0.21	42.18
1.753	14.17	4.97	0.84	5.05	111.75	0.22	42.17

1.805	14.17	4.97	0.69	5.05	116.4	0.2	42.18
1.856	14.16	4.97	0.8	5.06	116.13	0.22	42.17
1.905	14.16	4.97	0.76	5.06	114.96	0.24	42.18
1.96	14.16	4.97	0.69	5.06	117.71	0.22	42.18
2.015	14.16	4.97	0.72	5.06	120.77	0.22	42.18
2.065	14.16	4.97	0.65	5.06	127.98	0.22	42.18
2.124	14.16	4.97	0.76	5.06	132.11	0.22	42.18
2.185	14.16	4.97	0.8	5.05	130.74	0.2	42.18
2.233	14.16	4.97	0.84	5.07	134.39	0.25	42.18
2.278	14.16	4.97	0.72	5.07	137.16	0.25	42.18
2.322	14.16	4.97	0.69	5.07	143.27	0.25	42.17
2.37	14.16	4.97	0.72	5.09	147.28	0.21	42.17
2.406	14.15	4.97	0.69	5.09	151.26	0.24	42.18
2.441	14.15	4.97	0.65	5.08	159.91	0.27	42.18
2.497	14.15	4.97	0.69	5.09	170.87	0.25	42.17
2.564	14.15	4.97	0.76	5.09	180.85	0.2	42.16
2.618	14.14	4.97	0.72	5.09	196.36	0.22	42.17
2.668	14.14	4.97	0.84	5.09	218.81	0.21	42.18
2.713	14.14	4.97	0.76	5.1	279.42	0.24	42.18
2.774	14.14	4.97	0.72	5.12	337.91	0.25	42.18
2.817	14.14	4.97	0.76	5.13	404.87	0.26	42.18
2.945	14.13	4.97	0.69	5.18	327.95	0.23	42.18
2.995	14.13	4.96	0.65	5.22	352.96	0.23	42.16
3.03	14.13	4.96	0.69	5.23	301.49	0.29	42.15
3.066	14.12	4.96	0.61	5.23	397.34	0.24	42.17
3.112	14.11	4.96	0.84	5.23	411.97	0.29	42.17
3.166	14.11	4.96	0.72	5.23	362.24	0.29	42.17
3.212	14.11	4.96	0.65	5.23	417.15	0.25	42.16
3.241	14.1	4.96	0.57	5.22	301.42	0.28	42.17
3.279	14.1	4.96	0.69	5.21	951.13	0.24	42.18
3.328	14.1	4.96	0.8	5.22	409.11	0.25	42.16
3.374	14.1	4.96	0.92	5.23	319.33	0.29	42.16
3.424	14.09	4.96	0.72	5.23	517.62	0.3	42.16
3.47	14.08	4.96	0.65	5.24	297.46	0.27	42.14
3.51	14.06	4.95	0.69	5.25	306.42	0.27	42.13
3.552	14.03	4.95	0.76	5.25	539.8	0.31	42.16
3.604	14.01	4.95	0.84	5.25	354.35	0.3	42.13
3.658	13.99	4.94	0.8	5.26	294.51	0.32	42.13
3.696	13.95	4.94	0.84	5.26	534.32	0.31	42.16
3.728	13.94	4.95	0.76	5.27	342.48	0.3	42.19
3.765	13.93	4.95	0.92	5.28	359.06	0.3	42.2
3.809	13.93	4.94	0.76	5.28	307.13	0.33	42.19
3.863	13.92	4.94	0.76	5.29	327.95	0.3	42.18
3.913	13.92	4.94	0.8	5.3	378.28	0.3	42.19
3.95	13.92	4.94	0.72	5.3	295.13	0.33	42.19
3.967	13.91	4.94	0.61	5.3	340.9	0.33	42.2
3.973	13.91	4.94	0.61	5.31	368.51	0.3	42.2
3.977	13.91	4.94	0.84	5.31	276.26	0.33	42.2
3.98	13.92	4.95	0.61	5.31	517.02	0.26	42.22



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.15	4.99	0.0	4.83	168.55	0.09	42.41
PROF (metros)	3.001	2.486	0.559	1.209	5.835	1.334	0.797
MÁXIMO	14.2	14.2	1.83	5.17	4176.8	0.61	42.43
PROF (metros)	0.561	0.541	0.857	5.822	0.561	5.829	0.547

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N04 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.19	5.0	0.78	4.88	2383.7	0.19	42.42
1 - 2m	14.18	5.0	1.44	4.86	744.82	0.19	42.42
2 - 3m	14.16	5.0	1.53	4.93	531.72	0.21	42.42
3 - 4m	14.15	4.99	1.53	5.08	383.57	0.28	42.42
4 - 5m	14.15	4.99	1.48	5.1	272.67	0.41	42.42
5 - 6m	14.15	4.99	1.55	5.14	196.1	0.54	42.42

OBSERVACIONES GENERALES

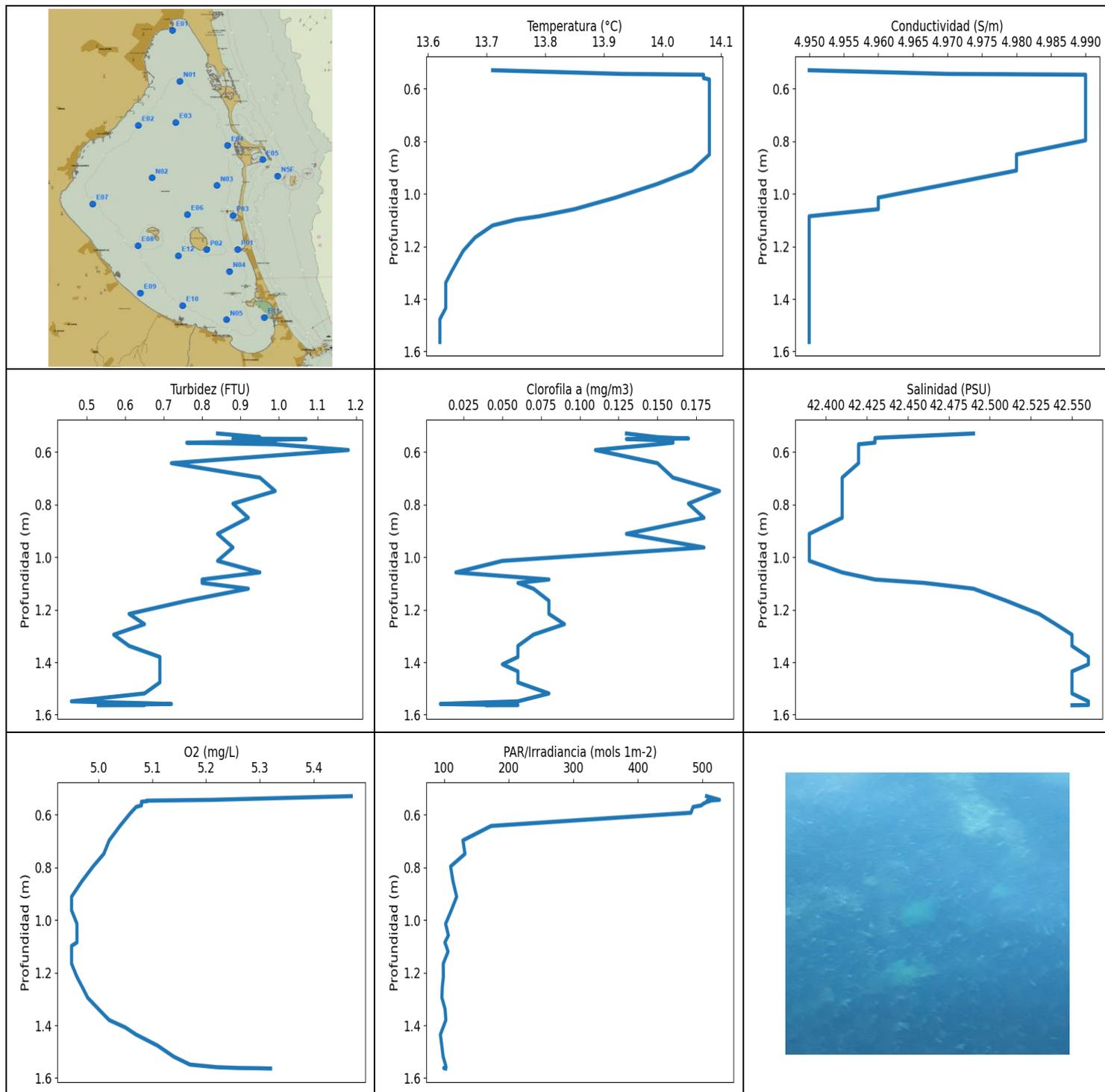
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.541	14.18	5.0	0.04	4.89	3529.9	0.22	42.42
0.547	14.18	5.0	0.11	4.89	3209.2	0.24	42.43
0.556	14.18	5.0	0.11	4.9	3688.0	0.2	42.42
0.559	14.19	5.0	0.0	4.9	3687.2	0.17	42.42
0.56	14.19	5.0	0.23	4.9	4004.3	0.21	42.42
0.561	14.2	5.0	0.11	4.88	4176.8	0.17	42.42
0.564	14.19	5.0	0.0	4.88	3865.7	0.15	42.42
0.573	14.19	5.0	0.08	4.88	3545.5	0.16	42.42
0.682	14.19	5.0	1.56	4.87	1071.5	0.19	42.42
0.736	14.19	5.0	1.11	4.87	1663.1	0.18	42.42
0.797	14.19	5.0	1.07	4.86	765.81	0.16	42.41
0.857	14.19	5.0	1.83	4.85	694.46	0.23	42.41
0.915	14.18	5.0	1.64	4.85	1446.2	0.15	42.42
0.985	14.18	5.0	1.49	4.86	809.62	0.17	42.42
1.05	14.18	5.0	1.41	4.85	1167.9	0.18	42.42
1.1	14.18	5.0	1.56	4.84	1037.3	0.17	42.42
1.154	14.18	5.0	1.34	4.84	744.98	0.21	42.42
1.209	14.18	5.0	1.26	4.83	807.0	0.17	42.42
1.265	14.18	5.0	1.41	4.84	652.63	0.21	42.42
1.334	14.18	5.0	1.34	4.84	1172.0	0.09	42.42
1.397	14.18	5.0	1.37	4.85	644.37	0.2	42.42
1.457	14.18	5.0	1.49	4.85	586.63	0.19	42.41
1.52	14.18	5.0	1.34	4.86	754.54	0.19	42.41
1.58	14.17	5.0	1.45	4.87	608.94	0.16	42.42
1.628	14.17	5.0	1.41	4.88	764.04	0.22	42.42
1.675	14.17	5.0	1.3	4.89	667.94	0.23	42.42
1.74	14.17	5.0	1.53	4.89	582.43	0.17	42.42
1.807	14.17	5.0	1.49	4.9	706.96	0.2	42.42
1.86	14.17	5.0	1.56	4.89	585.68	0.18	42.42
1.918	14.17	5.0	1.68	4.89	583.11	0.21	42.42
1.972	14.17	5.0	1.6	4.88	595.54	0.22	42.42
2.011	14.17	5.0	1.6	4.86	606.26	0.17	42.42
2.043	14.16	5.0	1.34	4.86	531.72	0.19	42.42
2.073	14.16	5.0	1.41	4.85	548.37	0.21	42.42
2.117	14.16	5.0	1.53	4.85	544.95	0.18	42.42
2.166	14.16	5.0	1.79	4.86	500.98	0.25	42.42

2.207	14.16	5.0	1.64	4.87	838.65	0.19	42.42
2.242	14.16	5.0	1.37	4.88	451.57	0.21	42.42
2.289	14.16	5.0	1.53	4.89	574.66	0.21	42.42
2.35	14.16	5.0	1.56	4.9	510.12	0.2	42.42
2.419	14.16	5.0	1.3	4.92	434.32	0.23	42.42
2.486	14.16	4.99	1.6	4.93	767.24	0.2	42.42
2.544	14.16	4.99	1.72	4.94	468.63	0.23	42.42
2.595	14.16	4.99	1.45	4.95	445.85	0.2	42.42
2.64	14.16	4.99	1.45	4.97	486.56	0.25	42.42
2.696	14.16	4.99	1.53	4.98	447.09	0.25	42.42
2.766	14.16	4.99	1.49	4.98	638.27	0.24	42.42
2.83	14.16	4.99	1.64	5.0	421.14	0.22	42.42
2.873	14.16	4.99	1.6	5.05	449.06	0.22	42.42
2.93	14.16	4.99	1.56	5.08	437.15	0.2	42.42
3.001	14.15	4.99	1.45	5.09	549.77	0.27	42.42
3.059	14.15	4.99	1.64	5.09	400.02	0.28	42.42
3.111	14.15	4.99	1.56	5.09	406.28	0.23	42.42
3.162	14.15	4.99	1.34	5.09	407.12	0.25	42.42
3.216	14.15	4.99	1.6	5.09	445.64	0.27	42.42
3.278	14.15	4.99	1.79	5.08	412.16	0.26	42.42
3.346	14.15	4.99	1.37	5.07	419.09	0.29	42.42
3.407	14.15	4.99	1.41	5.07	375.75	0.27	42.42
3.462	14.15	4.99	1.53	5.06	347.44	0.3	42.42
3.525	14.15	4.99	1.53	5.08	380.13	0.29	42.42
3.585	14.15	4.99	1.6	5.08	380.66	0.3	42.42
3.641	14.15	4.99	1.68	5.09	327.12	0.32	42.42
3.715	14.15	4.99	1.49	5.09	301.35	0.28	42.42
3.801	14.15	4.99	1.49	5.09	325.98	0.3	42.42
3.88	14.15	4.99	1.45	5.09	316.97	0.31	42.42
3.953	14.15	4.99	1.49	5.1	341.69	0.33	42.42
4.014	14.15	4.99	1.49	5.1	312.08	0.33	42.42
4.066	14.15	4.99	1.41	5.1	294.72	0.33	42.42
4.119	14.15	4.99	1.45	5.1	340.9	0.41	42.42
4.17	14.15	4.99	1.49	5.1	279.81	0.39	42.42
4.226	14.15	4.99	1.26	5.1	275.11	0.39	42.42
4.284	14.15	4.99	1.53	5.1	289.24	0.37	42.42
4.338	14.15	4.99	1.41	5.09	291.19	0.37	42.42
4.389	14.15	4.99	1.45	5.09	269.19	0.41	42.42
4.436	14.15	4.99	1.45	5.09	305.43	0.39	42.42
4.48	14.15	4.99	1.41	5.09	266.76	0.43	42.42
4.53	14.15	4.99	1.6	5.09	274.41	0.37	42.42
4.585	14.15	4.99	1.56	5.09	254.62	0.43	42.42
4.641	14.15	4.99	1.49	5.09	243.71	0.45	42.42
4.702	14.15	4.99	1.72	5.1	248.79	0.43	42.42
4.764	14.15	4.99	1.6	5.1	267.07	0.45	42.42
4.821	14.15	4.99	1.37	5.1	236.69	0.44	42.42
4.884	14.15	4.99	1.49	5.11	227.34	0.47	42.42
4.947	14.15	4.99	1.41	5.11	231.0	0.44	42.42
5.007	14.15	4.99	1.41	5.12	248.38	0.52	42.42
5.063	14.15	4.99	1.37	5.12	231.06	0.49	42.42
5.12	14.15	4.99	1.72	5.12	235.93	0.48	42.42
5.174	14.15	4.99	1.72	5.12	206.15	0.48	42.42
5.212	14.15	4.99	1.53	5.13	206.92	0.49	42.42
5.251	14.15	4.99	1.45	5.12	211.67	0.49	42.42
5.311	14.15	4.99	1.64	5.13	216.74	0.55	42.42
5.374	14.15	4.99	1.34	5.13	197.27	0.5	42.42
5.426	14.15	4.99	1.6	5.14	197.09	0.57	42.42
5.474	14.15	4.99	1.64	5.14	197.18	0.55	42.42

5.522	14.15	4.99	1.49	5.14	189.56	0.59	42.42
5.571	14.15	4.99	1.56	5.15	188.12	0.58	42.43
5.611	14.15	4.99	1.53	5.15	197.69	0.53	42.42
5.654	14.15	4.99	1.6	5.15	180.43	0.58	42.42
5.711	14.15	4.99	1.6	5.15	177.12	0.56	42.42
5.768	14.15	4.99	1.64	5.16	174.51	0.59	42.43
5.806	14.15	4.99	1.53	5.16	171.82	0.53	42.43
5.82	14.15	4.99	1.56	5.16	172.94	0.59	42.43
5.822	14.15	4.99	1.56	5.17	178.48	0.58	42.43
5.829	14.15	4.99	1.6	5.17	170.39	0.61	42.42
5.835	14.15	4.99	1.41	5.17	168.55	0.56	42.42



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.62	4.95	0.46	4.95	94.29	0.01	42.39
PROF (metros)	1.477	0.529	1.549	0.911	1.435	1.559	0.911
MÁXIMO	14.08	14.08	1.18	5.47	526.33	0.19	42.56
PROF (metros)	0.564	0.546	0.592	0.529	0.543	0.748	1.38

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

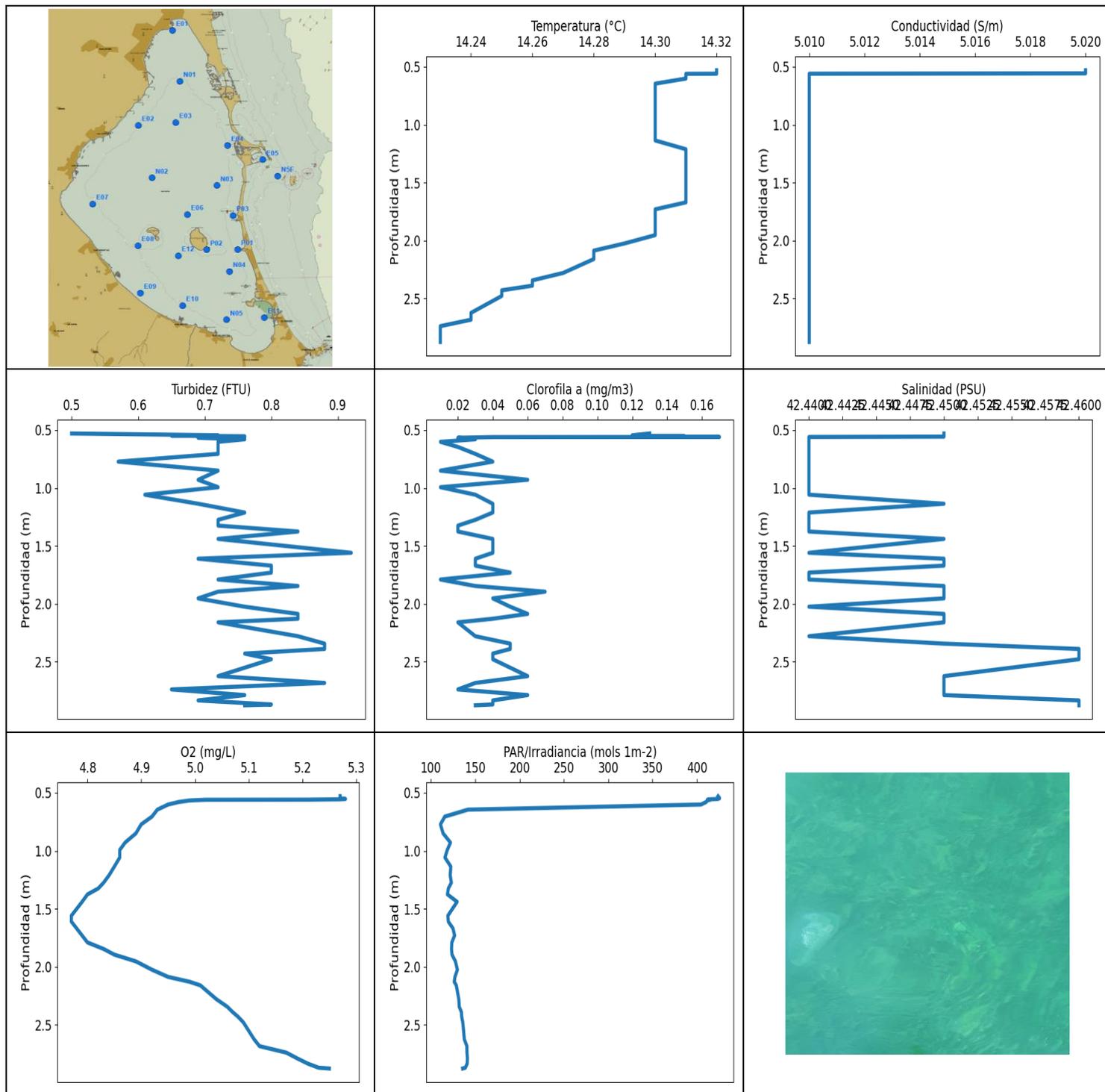
CTD P01 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.04	4.98	0.92	5.07	348.16	0.15	42.42
1 - 2m	13.68	4.95	0.69	5.06	100.52	0.06	42.52

OBSERVACIONES GENERALES

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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)
0.529	13.71	4.95	0.84	5.47	506.35	0.13	42.49
0.543	13.93	4.97	0.95	5.21	526.33	0.15	42.44
0.546	14.07	4.99	0.92	5.09	507.4	0.16	42.43
0.548	14.07	4.99	0.88	5.09	511.3	0.17	42.43
0.55	14.07	4.99	1.07	5.08	507.87	0.13	42.43
0.554	14.07	4.99	0.95	5.08	504.12	0.15	42.43
0.559	14.07	4.99	0.99	5.08	500.51	0.16	42.43
0.564	14.08	4.99	0.76	5.08	498.31	0.16	42.43
0.57	14.08	4.99	0.99	5.07	485.43	0.15	42.42
0.592	14.08	4.99	1.18	5.06	482.18	0.11	42.42
0.642	14.08	4.99	0.72	5.04	173.02	0.15	42.42
0.697	14.08	4.99	0.95	5.02	129.17	0.16	42.41
0.748	14.08	4.99	0.99	5.01	132.38	0.19	42.41
0.796	14.08	4.99	0.88	4.99	110.16	0.17	42.41
0.85	14.08	4.98	0.92	4.97	113.61	0.18	42.41
0.911	14.05	4.98	0.84	4.95	119.47	0.13	42.39
0.963	13.99	4.97	0.88	4.95	111.16	0.18	42.39
1.014	13.92	4.96	0.84	4.96	102.42	0.05	42.39
1.058	13.85	4.96	0.95	4.96	106.66	0.02	42.41
1.085	13.79	4.95	0.8	4.96	101.29	0.08	42.43
1.098	13.75	4.95	0.8	4.95	103.26	0.06	42.46
1.12	13.71	4.95	0.92	4.95	106.12	0.07	42.49
1.166	13.68	4.95	0.76	4.95	98.7	0.08	42.51
1.216	13.66	4.95	0.61	4.96	98.9	0.08	42.53
1.255	13.65	4.95	0.65	4.97	97.2	0.09	42.54
1.295	13.64	4.95	0.57	4.98	96.66	0.07	42.55
1.338	13.63	4.95	0.61	5.0	101.53	0.06	42.55
1.38	13.63	4.95	0.69	5.02	102.76	0.06	42.56
1.408	13.63	4.95	0.69	5.05	98.51	0.05	42.56
1.435	13.63	4.95	0.69	5.07	94.29	0.06	42.55
1.477	13.62	4.95	0.69	5.11	96.46	0.06	42.55
1.519	13.62	4.95	0.65	5.14	98.56	0.08	42.55
1.549	13.62	4.95	0.46	5.17	102.14	0.06	42.56
1.559	13.62	4.95	0.72	5.22	102.9	0.01	42.56
1.562	13.62	4.95	0.57	5.26	99.55	0.04	42.56
1.563	13.62	4.95	0.65	5.3	99.98	0.06	42.56
1.564	13.62	4.95	0.53	5.32	102.45	0.04	42.55



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.23	5.01	0.5	4.77	110.69	0.01	42.44
PROF (metros)	2.741	0.559	0.529	1.56	0.772	0.601	0.559
MÁXIMO	14.32	14.32	0.92	5.28	425.55	0.17	42.46
PROF (metros)	0.529	0.529	1.56	0.553	0.544	0.559	2.391

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	14.31	5.01	0.7	5.05	305.63	0.07	42.44
1 - 2m	14.3	5.01	0.75	4.82	122.58	0.03	42.44
2 - 3m	14.25	5.01	0.79	5.09	134.7	0.04	42.45

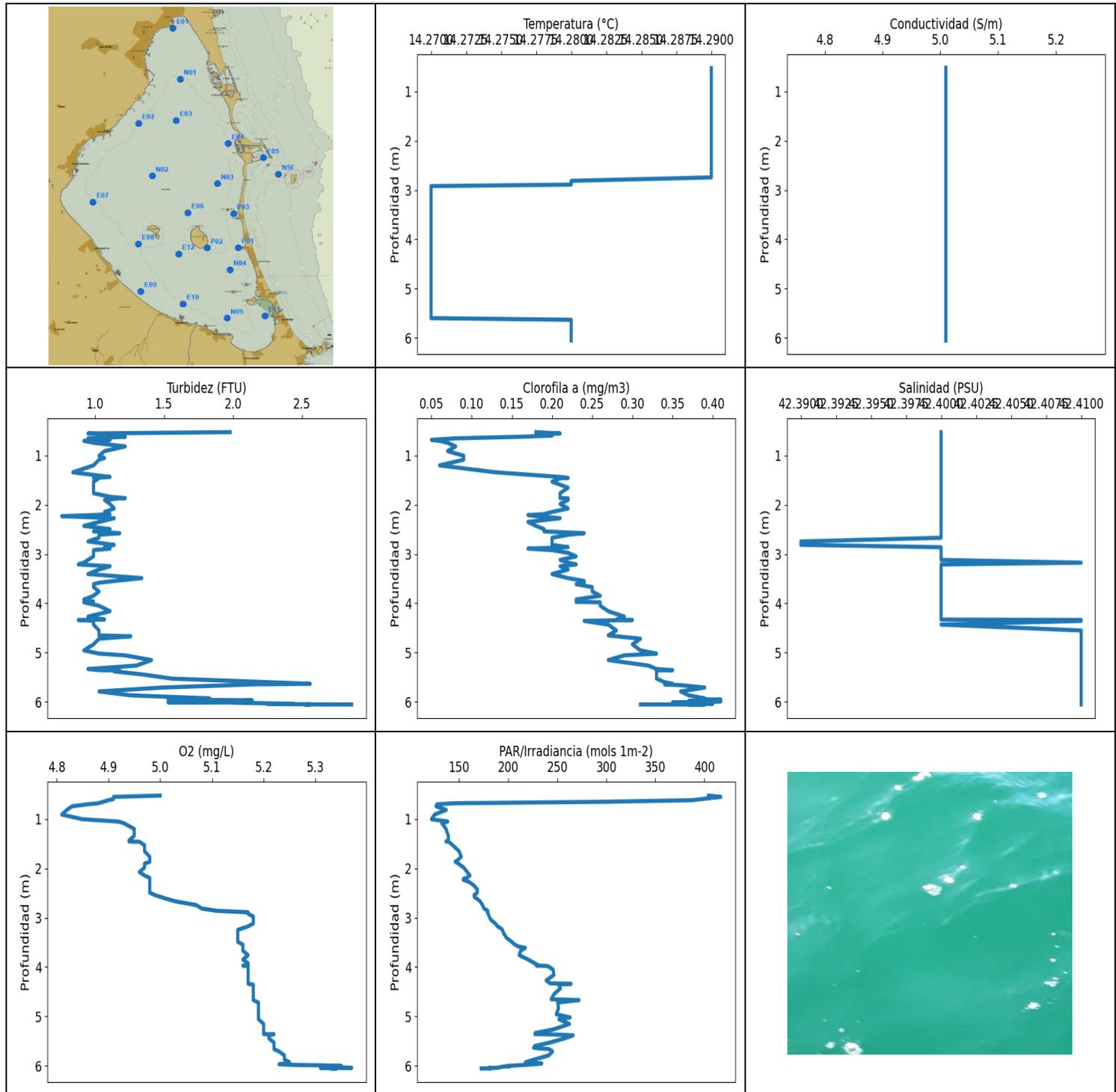
OBSERVACIONES GENERALES

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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)
0.529	14.32	5.02	0.5	5.27	423.98	0.13	42.45
0.544	14.32	5.02	0.72	5.27	425.55	0.12	42.45
0.548	14.32	5.02	0.65	5.27	425.55	0.12	42.45
0.553	14.32	5.02	0.76	5.28	423.49	0.15	42.45
0.556	14.32	5.02	0.76	5.27	415.32	0.12	42.45
0.559	14.32	5.01	0.76	5.21	412.06	0.17	42.44
0.56	14.31	5.01	0.69	5.02	414.84	0.04	42.44
0.566	14.31	5.01	0.69	4.99	411.87	0.02	42.44
0.579	14.31	5.01	0.76	4.97	410.54	0.03	42.44
0.601	14.31	5.01	0.72	4.95	404.77	0.01	42.44
0.645	14.3	5.01	0.72	4.93	141.75	0.02	42.44
0.705	14.3	5.01	0.72	4.92	115.6	0.03	42.44
0.772	14.3	5.01	0.57	4.9	110.69	0.04	42.44
0.85	14.3	5.01	0.72	4.89	113.71	0.01	42.44
0.929	14.3	5.01	0.69	4.87	121.98	0.06	42.44
0.993	14.3	5.01	0.72	4.86	118.39	0.01	42.44
1.058	14.3	5.01	0.61	4.86	115.76	0.03	42.44
1.136	14.3	5.01	0.69	4.85	122.38	0.04	42.45
1.212	14.31	5.01	0.76	4.84	121.7	0.04	42.44
1.275	14.31	5.01	0.72	4.83	123.01	0.03	42.44
1.325	14.31	5.01	0.72	4.82	119.63	0.02	42.44
1.376	14.31	5.01	0.84	4.8	118.58	0.02	42.44
1.44	14.31	5.01	0.72	4.79	129.47	0.04	42.45
1.56	14.31	5.01	0.92	4.77	119.05	0.04	42.44
1.611	14.31	5.01	0.69	4.77	119.6	0.03	42.45
1.671	14.31	5.01	0.8	4.78	124.9	0.03	42.45
1.731	14.3	5.01	0.8	4.79	126.65	0.05	42.44
1.791	14.3	5.01	0.72	4.8	123.52	0.01	42.44
1.847	14.3	5.01	0.84	4.83	123.18	0.03	42.45
1.896	14.3	5.01	0.72	4.85	123.72	0.07	42.45
1.954	14.3	5.01	0.69	4.89	127.59	0.04	42.45
2.026	14.29	5.01	0.76	4.92	129.8	0.05	42.44
2.088	14.28	5.01	0.84	4.95	127.06	0.06	42.45
2.13	14.28	5.01	0.84	4.99	126.24	0.04	42.45
2.161	14.28	5.01	0.72	5.01	128.6	0.02	42.45
2.281	14.27	5.01	0.84	5.04	131.41	0.03	42.44
2.345	14.26	5.01	0.88	5.06	131.89	0.05	42.45
2.391	14.26	5.01	0.88	5.07	134.3	0.05	42.46
2.431	14.25	5.01	0.76	5.08	134.67	0.04	42.46

2.48	14.25	5.01	0.8	5.09	135.9	0.04	42.46
2.626	14.24	5.01	0.72	5.11	137.64	0.06	42.45
2.685	14.24	5.01	0.88	5.12	140.51	0.03	42.45
2.741	14.23	5.01	0.65	5.17	140.64	0.02	42.45
2.79	14.23	5.01	0.76	5.19	141.13	0.06	42.45
2.836	14.23	5.01	0.69	5.21	140.83	0.04	42.46
2.871	14.23	5.01	0.8	5.23	138.79	0.04	42.46
2.878	14.23	5.01	0.76	5.25	135.74	0.03	42.46



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	14.27	5.01	0.76	4.81	121.98	0.05	42.39
PROF (metros)	2.92	0.524	2.23	0.909	1.003	0.68	2.744
MÁXIMO	14.29	14.29	2.86	5.37	416.77	0.41	42.41
PROF (metros)	0.524	0.524	6.056	6.042	0.551	5.957	3.175

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E12 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.29	5.01	1.15	4.88	270.18	0.12	42.4
1 - 2m	14.29	5.01	1.05	4.95	142.2	0.17	42.4
2 - 3m	14.28	5.01	1.04	5.03	167.76	0.2	42.4
3 - 4m	14.27	5.01	1.01	5.16	208.27	0.23	42.4
4 - 5m	14.27	5.01	1.02	5.18	250.56	0.28	42.4
5 - 6m	14.28	5.01	1.56	5.22	237.42	0.35	42.41
6 - 7m	14.28	5.01	2.24	5.33	188.98	0.37	42.41

OBSERVACIONES GENERALES

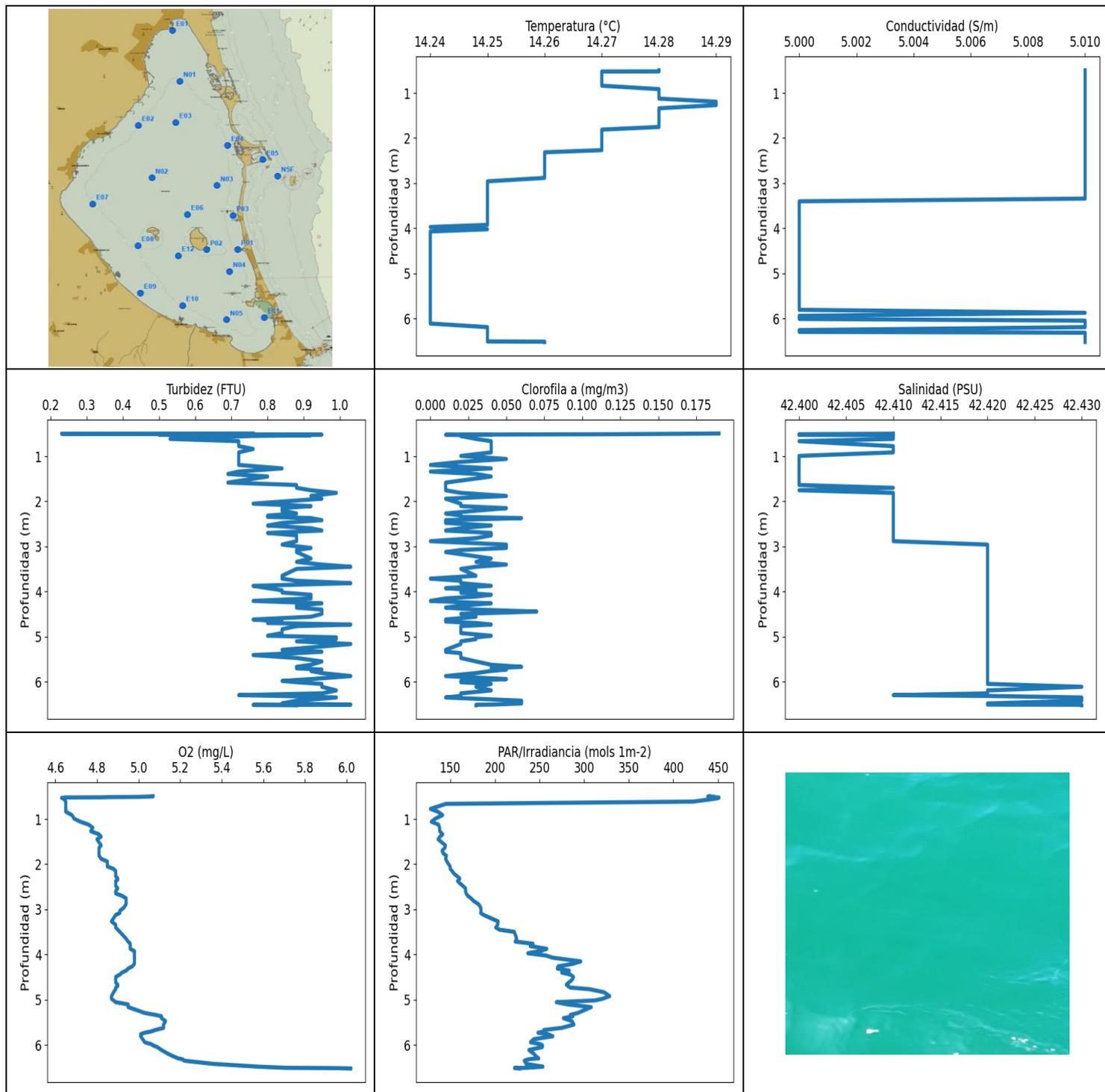
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.524	14.29	5.01	1.98	5.0	404.21	0.18	42.4
0.551	14.29	5.01	0.95	4.91	416.77	0.21	42.4
0.569	14.29	5.01	1.11	4.91	408.26	0.19	42.4
0.594	14.29	5.01	1.14	4.91	397.89	0.2	42.4
0.618	14.29	5.01	1.22	4.9	387.33	0.16	42.4
0.65	14.29	5.01	0.95	4.89	296.91	0.08	42.4
0.68	14.29	5.01	1.11	4.88	144.4	0.05	42.4
0.701	14.29	5.01	0.92	4.86	127.53	0.06	42.4
0.74	14.29	5.01	0.99	4.83	126.59	0.07	42.4
0.814	14.29	5.01	1.22	4.82	137.0	0.08	42.4
0.909	14.29	5.01	1.07	4.81	125.05	0.07	42.4
1.003	14.29	5.01	1.03	4.85	121.98	0.09	42.4
1.051	14.29	5.01	1.07	4.92	138.57	0.09	42.4
1.084	14.29	5.01	1.03	4.93	132.54	0.09	42.4
1.199	14.29	5.01	0.99	4.95	136.75	0.06	42.4
1.34	14.29	5.01	0.84	4.95	139.15	0.13	42.4
1.434	14.29	5.01	1.11	4.94	139.15	0.21	42.4
1.454	14.29	5.01	0.99	4.94	136.62	0.22	42.4
1.46	14.29	5.01	1.03	4.96	139.54	0.21	42.4
1.53	14.29	5.01	0.99	4.97	143.54	0.2	42.4
1.653	14.29	5.01	0.99	4.97	150.14	0.22	42.4
1.764	14.29	5.01	0.99	4.98	152.31	0.21	42.4
1.837	14.29	5.01	1.11	4.98	148.31	0.21	42.4
1.864	14.29	5.01	1.22	4.98	146.05	0.21	42.4
1.868	14.29	5.01	1.18	4.98	146.43	0.22	42.4
1.901	14.29	5.01	1.07	4.97	149.2	0.22	42.4
1.983	14.29	5.01	1.11	4.97	154.84	0.21	42.4
2.074	14.29	5.01	1.14	4.96	158.32	0.22	42.4
2.145	14.29	5.01	1.07	4.97	161.14	0.2	42.4
2.19	14.29	5.01	1.11	4.98	157.96	0.19	42.4
2.208	14.29	5.01	0.99	4.98	154.73	0.17	42.4
2.23	14.29	5.01	0.76	4.98	154.23	0.18	42.4
2.272	14.29	5.01	1.14	4.98	160.06	0.21	42.4
2.348	14.29	5.01	1.03	4.98	165.3	0.17	42.4
2.428	14.29	5.01	0.92	4.98	168.66	0.18	42.4

2.493	14.29	5.01	1.11	4.98	168.63	0.19	42.4
2.54	14.29	5.01	0.99	4.99	165.37	0.19	42.4
2.576	14.29	5.01	1.18	5.0	165.49	0.24	42.4
2.609	14.29	5.01	1.03	5.01	167.81	0.22	42.4
2.669	14.29	5.01	1.03	5.03	171.54	0.2	42.4
2.744	14.29	5.01	0.95	5.07	173.98	0.2	42.39
2.813	14.28	5.01	1.14	5.08	175.44	0.2	42.39
2.861	14.28	5.01	1.07	5.11	179.39	0.22	42.4
2.89	14.28	5.01	1.11	5.17	178.93	0.17	42.4
2.92	14.27	5.01	0.99	5.17	179.76	0.2	42.4
2.976	14.27	5.01	0.99	5.18	180.73	0.22	42.4
3.047	14.27	5.01	0.99	5.18	182.54	0.23	42.4
3.119	14.27	5.01	0.95	5.18	187.12	0.21	42.4
3.175	14.27	5.01	0.92	5.17	189.12	0.22	42.41
3.211	14.27	5.01	0.88	5.16	192.22	0.23	42.4
3.247	14.27	5.01	1.11	5.15	194.23	0.21	42.4
3.315	14.27	5.01	1.03	5.15	195.45	0.22	42.4
3.406	14.27	5.01	0.95	5.15	198.33	0.2	42.4
3.489	14.27	5.01	1.34	5.15	203.64	0.22	42.4
3.547	14.27	5.01	1.14	5.16	207.02	0.24	42.4
3.582	14.27	5.01	1.03	5.16	210.21	0.24	42.4
3.612	14.27	5.01	0.99	5.16	217.54	0.23	42.4
3.671	14.27	5.01	0.99	5.16	212.76	0.25	42.4
3.76	14.27	5.01	1.03	5.17	211.28	0.25	42.4
3.848	14.27	5.01	0.99	5.16	220.39	0.26	42.4
3.923	14.27	5.01	0.92	5.17	226.92	0.23	42.4
3.966	14.27	5.01	0.99	5.17	230.9	0.24	42.4
3.971	14.27	5.01	0.99	5.16	228.92	0.23	42.4
3.98	14.27	5.01	0.92	5.17	240.34	0.26	42.4
4.05	14.27	5.01	1.03	5.17	245.81	0.26	42.4
4.161	14.27	5.01	1.11	5.17	246.72	0.27	42.4
4.271	14.27	5.01	0.95	5.17	238.84	0.29	42.4
4.331	14.27	5.01	1.07	5.17	242.86	0.28	42.4
4.339	14.27	5.01	0.88	5.17	264.24	0.3	42.41
4.358	14.27	5.01	0.99	5.18	251.51	0.24	42.41
4.433	14.27	5.01	0.99	5.18	253.33	0.27	42.4
4.552	14.27	5.01	1.03	5.18	246.66	0.28	42.41
4.653	14.27	5.01	1.03	5.18	243.88	0.27	42.41
4.67	14.27	5.01	1.26	5.18	272.32	0.28	42.41
4.72	14.27	5.01	1.03	5.19	250.58	0.31	42.41
4.835	14.27	5.01	0.99	5.19	251.4	0.3	42.41
4.957	14.27	5.01	0.92	5.19	249.13	0.31	42.41
5.023	14.27	5.01	1.03	5.19	263.26	0.33	42.41
5.058	14.27	5.01	1.22	5.19	251.8	0.29	42.41
5.154	14.27	5.01	1.41	5.2	262.53	0.27	42.41
5.266	14.27	5.01	1.3	5.2	245.92	0.32	42.41
5.336	14.27	5.01	0.95	5.2	227.76	0.33	42.41
5.359	14.27	5.01	1.03	5.2	227.23	0.35	42.41
5.364	14.27	5.01	1.18	5.22	242.86	0.33	42.41
5.384	14.27	5.01	1.14	5.21	266.33	0.33	42.41
5.444	14.27	5.01	1.34	5.21	257.95	0.33	42.41
5.531	14.27	5.01	1.56	5.22	242.64	0.33	42.41
5.602	14.27	5.01	2.25	5.22	227.07	0.34	42.41
5.636	14.28	5.01	2.56	5.22	226.02	0.35	42.41
5.647	14.28	5.01	2.14	5.22	230.57	0.34	42.41
5.664	14.28	5.01	1.98	5.22	241.85	0.36	42.41
5.712	14.28	5.01	1.49	5.23	245.35	0.39	42.41
5.791	14.28	5.01	1.03	5.24	241.35	0.36	42.41

5.87	14.28	5.01	1.26	5.24	227.71	0.37	42.41
5.932	14.28	5.01	1.83	5.25	217.69	0.39	42.41
5.949	14.28	5.01	1.53	5.25	228.76	0.38	42.41
5.957	14.28	5.01	1.64	5.24	234.35	0.41	42.41
5.972	14.28	5.01	2.14	5.23	225.34	0.4	42.41
5.984	14.28	5.01	2.02	5.26	216.19	0.37	42.41
5.992	14.28	5.01	1.83	5.31	210.21	0.41	42.41
6.004	14.28	5.01	1.98	5.35	199.8	0.38	42.41
6.011	14.28	5.01	1.53	5.33	201.62	0.37	42.41
6.012	14.28	5.01	1.98	5.32	198.01	0.35	42.41
6.021	14.28	5.01	2.02	5.31	194.01	0.39	42.41
6.042	14.28	5.01	2.44	5.37	189.52	0.4	42.41
6.047	14.28	5.01	2.25	5.31	180.06	0.38	42.41
6.052	14.28	5.01	2.56	5.34	182.41	0.37	42.41
6.055	14.28	5.01	2.52	5.33	182.7	0.39	42.41
6.056	14.28	5.01	2.86	5.34	172.66	0.31	42.41



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.24	5.0	0.23	4.63	127.8	0.0	42.4
PROF (metros)	3.972	3.402	0.5	0.533	0.776	1.193	0.511
MÁXIMO	14.29	14.29	1.03	6.02	451.15	0.19	42.43
PROF (metros)	1.193	0.495	3.451	6.523	0.524	0.495	6.113

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E06 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.27	5.01	0.7	4.76	341.14	0.06	42.41
1 - 2m	14.28	5.01	0.82	4.8	140.46	0.02	42.4
2 - 3m	14.26	5.01	0.86	4.9	164.1	0.03	42.41
3 - 4m	14.25	5.0	0.89	4.93	217.75	0.03	42.42
4 - 5m	14.24	5.0	0.88	4.92	287.56	0.03	42.42
5 - 6m	14.24	5.0	0.92	5.04	272.57	0.03	42.42
6 - 7m	14.25	5.01	0.91	5.4	239.31	0.03	42.42

OBSERVACIONES GENERALES

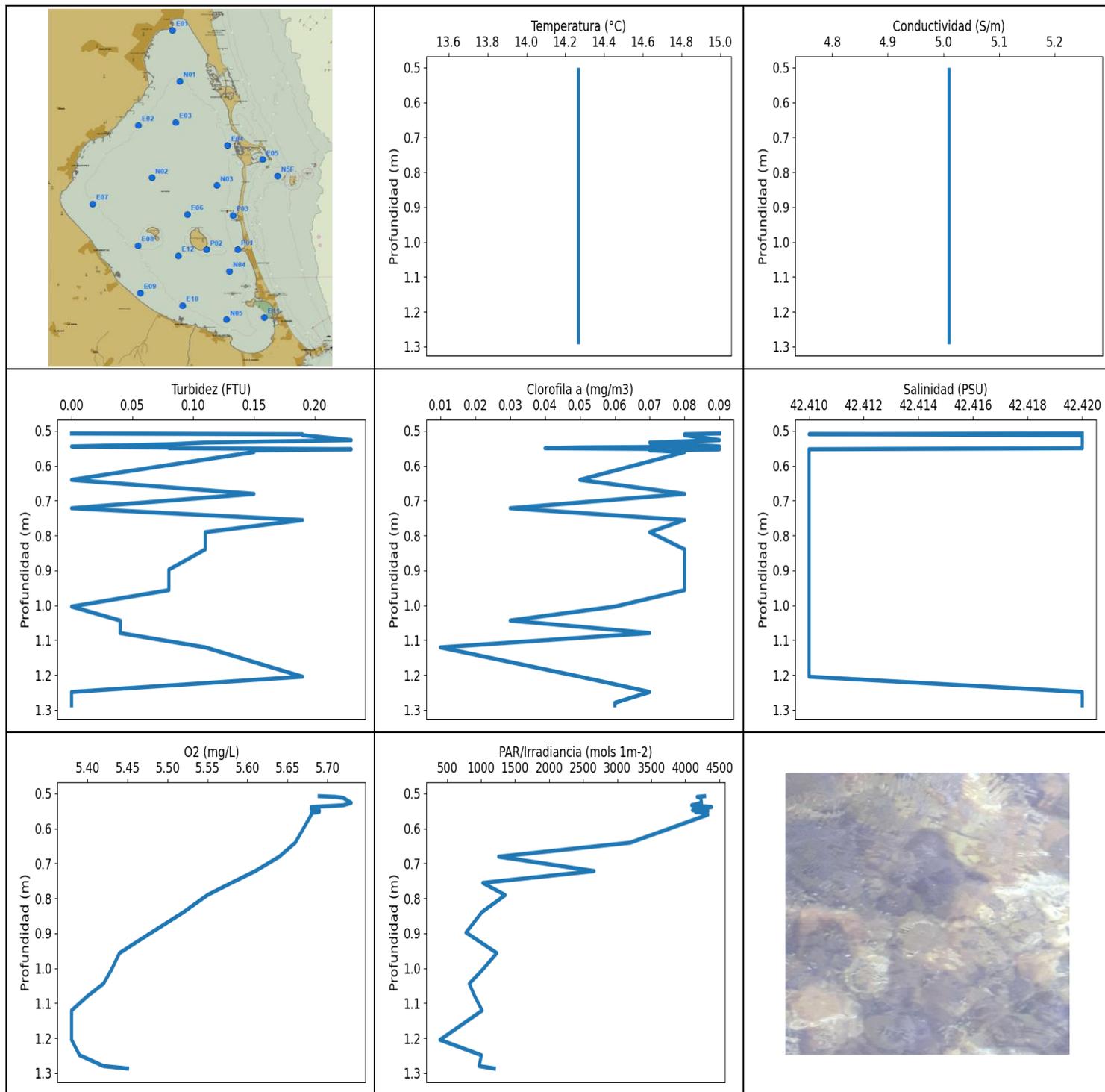
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.495	14.28	5.01	0.76	5.07	440.51	0.19	42.41
0.5	14.28	5.01	0.23	5.07	438.67	0.17	42.41
0.511	14.28	5.01	0.72	5.0	446.16	0.12	42.4
0.516	14.28	5.01	0.76	4.85	443.68	0.06	42.4
0.521	14.28	5.01	0.95	4.82	444.4	0.02	42.4
0.523	14.27	5.01	0.76	4.65	448.23	0.04	42.41
0.524	14.27	5.01	0.5	4.65	451.15	0.01	42.4
0.533	14.27	5.01	0.92	4.63	451.04	0.03	42.41
0.549	14.27	5.01	0.76	4.64	447.3	0.02	42.41
0.615	14.27	5.01	0.53	4.65	422.11	0.03	42.41
0.665	14.27	5.01	0.72	4.65	145.21	0.04	42.4
0.776	14.27	5.01	0.72	4.65	127.8	0.04	42.41
0.838	14.27	5.01	0.76	4.65	136.09	0.04	42.41
0.914	14.28	5.01	0.72	4.68	141.46	0.04	42.41
0.992	14.28	5.01	0.72	4.69	133.31	0.02	42.4
1.06	14.28	5.01	0.72	4.72	128.84	0.05	42.4
1.124	14.28	5.01	0.72	4.76	136.84	0.02	42.4
1.193	14.29	5.01	0.72	4.78	138.06	0.0	42.4
1.269	14.29	5.01	0.84	4.77	138.22	0.04	42.4
1.339	14.28	5.01	0.72	4.81	141.52	0.0	42.4
1.392	14.28	5.01	0.69	4.82	138.34	0.03	42.4
1.449	14.28	5.01	0.8	4.8	136.46	0.04	42.4
1.584	14.28	5.01	0.69	4.82	144.64	0.01	42.4
1.637	14.28	5.01	0.88	4.81	144.04	0.01	42.4
1.7	14.28	5.01	0.88	4.81	140.93	0.01	42.41
1.754	14.28	5.01	0.92	4.81	141.75	0.01	42.4
1.812	14.27	5.01	0.99	4.81	145.72	0.02	42.41
1.88	14.27	5.01	0.92	4.82	144.77	0.05	42.41
1.941	14.27	5.01	0.95	4.85	146.26	0.01	42.41
2.051	14.27	5.01	0.76	4.85	149.83	0.02	42.41
2.105	14.27	5.01	0.92	4.88	150.07	0.02	42.41
2.151	14.27	5.01	0.84	4.89	152.03	0.05	42.41
2.207	14.27	5.01	0.84	4.89	154.12	0.03	42.41
2.268	14.27	5.01	0.88	4.89	157.81	0.01	42.41
2.315	14.26	5.01	0.8	4.9	160.61	0.02	42.41

2.344	14.26	5.01	0.8	4.9	159.91	0.02	42.41
2.371	14.26	5.01	0.92	4.89	158.25	0.06	42.41
2.417	14.26	5.01	0.95	4.89	160.39	0.01	42.41
2.478	14.26	5.01	0.84	4.89	164.04	0.01	42.41
2.536	14.26	5.01	0.8	4.9	167.15	0.04	42.41
2.595	14.26	5.01	0.92	4.89	167.15	0.02	42.41
2.647	14.26	5.01	0.95	4.89	167.73	0.01	42.41
2.7	14.26	5.01	0.8	4.92	169.53	0.04	42.41
2.755	14.26	5.01	0.88	4.94	173.3	0.04	42.41
2.816	14.26	5.01	0.88	4.94	176.26	0.03	42.41
2.883	14.26	5.01	0.88	4.94	181.57	0.0	42.41
2.959	14.25	5.01	0.84	4.93	184.11	0.05	42.42
3.033	14.25	5.01	0.92	4.91	184.58	0.05	42.42
3.08	14.25	5.01	0.88	4.91	184.11	0.02	42.42
3.124	14.25	5.01	0.88	4.89	187.29	0.01	42.42
3.267	14.25	5.01	0.92	4.87	203.59	0.04	42.42
3.342	14.25	5.01	0.88	4.89	203.07	0.03	42.42
3.402	14.25	5.0	0.95	4.89	201.01	0.05	42.42
3.451	14.25	5.0	1.03	4.9	205.11	0.03	42.42
3.498	14.25	5.0	0.88	4.91	221.72	0.02	42.42
3.65	14.25	5.0	0.84	4.94	224.46	0.03	42.42
3.714	14.25	5.0	0.84	4.95	222.75	0.0	42.42
3.761	14.25	5.0	0.88	4.96	242.69	0.02	42.42
3.814	14.25	5.0	1.03	4.96	239.79	0.02	42.42
3.874	14.25	5.0	0.76	4.96	258.19	0.04	42.42
3.924	14.25	5.0	0.8	4.98	250.87	0.01	42.42
3.972	14.24	5.0	0.84	4.98	236.97	0.03	42.42
4.022	14.25	5.0	0.84	4.98	257.17	0.02	42.42
4.071	14.24	5.0	0.92	4.98	264.85	0.04	42.42
4.112	14.24	5.0	0.92	4.98	280.72	0.03	42.42
4.152	14.24	5.0	0.92	4.98	296.23	0.01	42.42
4.208	14.24	5.0	0.76	4.98	287.03	0.0	42.42
4.262	14.24	5.0	0.95	4.97	270.88	0.04	42.42
4.311	14.24	5.0	0.88	4.95	270.0	0.02	42.42
4.357	14.24	5.0	0.88	4.94	283.4	0.01	42.42
4.4	14.24	5.0	0.95	4.92	274.92	0.03	42.42
4.444	14.24	5.0	0.95	4.91	284.58	0.07	42.42
4.496	14.24	5.0	0.95	4.89	288.1	0.02	42.42
4.559	14.24	5.0	0.92	4.89	286.57	0.03	42.42
4.62	14.24	5.0	0.76	4.89	282.81	0.01	42.42
4.665	14.24	5.0	0.84	4.9	280.07	0.01	42.42
4.698	14.24	5.0	0.8	4.9	281.76	0.03	42.42
4.732	14.24	5.0	1.03	4.89	284.52	0.04	42.42
4.768	14.24	5.0	0.88	4.89	306.21	0.02	42.42
4.835	14.24	5.0	0.84	4.88	322.3	0.02	42.42
4.921	14.24	5.0	0.84	4.87	328.64	0.02	42.42
4.981	14.24	5.0	0.8	4.87	320.44	0.04	42.42
5.016	14.24	5.0	0.99	4.88	312.01	0.03	42.42
5.055	14.24	5.0	0.99	4.89	268.87	0.03	42.42
5.105	14.24	5.0	0.88	4.95	281.5	0.02	42.42
5.164	14.24	5.0	1.03	4.95	307.99	0.02	42.42
5.294	14.24	5.0	0.84	5.03	292.81	0.01	42.42
5.336	14.24	5.0	0.95	5.08	284.65	0.01	42.42
5.366	14.24	5.0	0.88	5.11	287.5	0.02	42.42
5.409	14.24	5.0	0.76	5.11	276.78	0.02	42.42
5.474	14.24	5.0	0.88	5.13	286.44	0.02	42.42
5.551	14.24	5.0	0.95	5.12	288.57	0.03	42.42
5.624	14.24	5.0	0.92	5.12	274.8	0.04	42.42

5.671	14.24	5.0	0.88	5.08	254.8	0.06	42.42
5.703	14.24	5.0	0.88	5.06	255.45	0.04	42.42
5.731	14.24	5.0	0.95	5.03	248.27	0.05	42.42
5.762	14.24	5.0	0.92	5.01	259.27	0.04	42.42
5.809	14.24	5.0	0.95	5.01	264.98	0.03	42.42
5.875	14.24	5.01	1.03	5.02	243.37	0.01	42.42
5.942	14.24	5.0	0.92	5.03	239.95	0.05	42.42
5.983	14.24	5.0	0.84	5.06	250.81	0.02	42.42
6.011	14.24	5.0	0.88	5.07	253.38	0.02	42.42
6.049	14.24	5.01	0.95	5.09	253.15	0.04	42.42
6.113	14.24	5.01	0.95	5.11	238.12	0.03	42.43
6.193	14.25	5.01	0.99	5.14	243.43	0.04	42.42
6.259	14.25	5.0	0.95	5.17	246.43	0.02	42.42
6.298	14.25	5.0	0.72	5.19	249.08	0.02	42.41
6.316	14.25	5.01	0.84	5.21	238.07	0.02	42.42
6.35	14.25	5.01	0.99	5.22	232.99	0.01	42.43
6.421	14.25	5.01	0.88	5.36	235.16	0.06	42.43
6.483	14.25	5.01	0.84	5.58	253.8	0.06	42.42
6.508	14.25	5.01	1.03	5.71	234.13	0.04	42.42
6.511	14.25	5.01	1.03	5.84	221.97	0.03	42.43
6.515	14.26	5.01	0.76	5.96	223.06	0.03	42.43
6.523	14.26	5.01	0.88	6.02	227.6	0.03	42.43



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/m³)	Salinidad (PSU)
MÍNIMO	14.27	5.01	0.0	5.38	398.26	0.01	42.41
PROF (metros)	0.508	0.508	0.508	1.121	1.205	1.121	0.51
MÁXIMO	14.27	14.27	0.23	5.73	4389.2	0.09	42.42
PROF (metros)	0.508	0.508	0.527	0.527	0.539	0.508	0.508

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

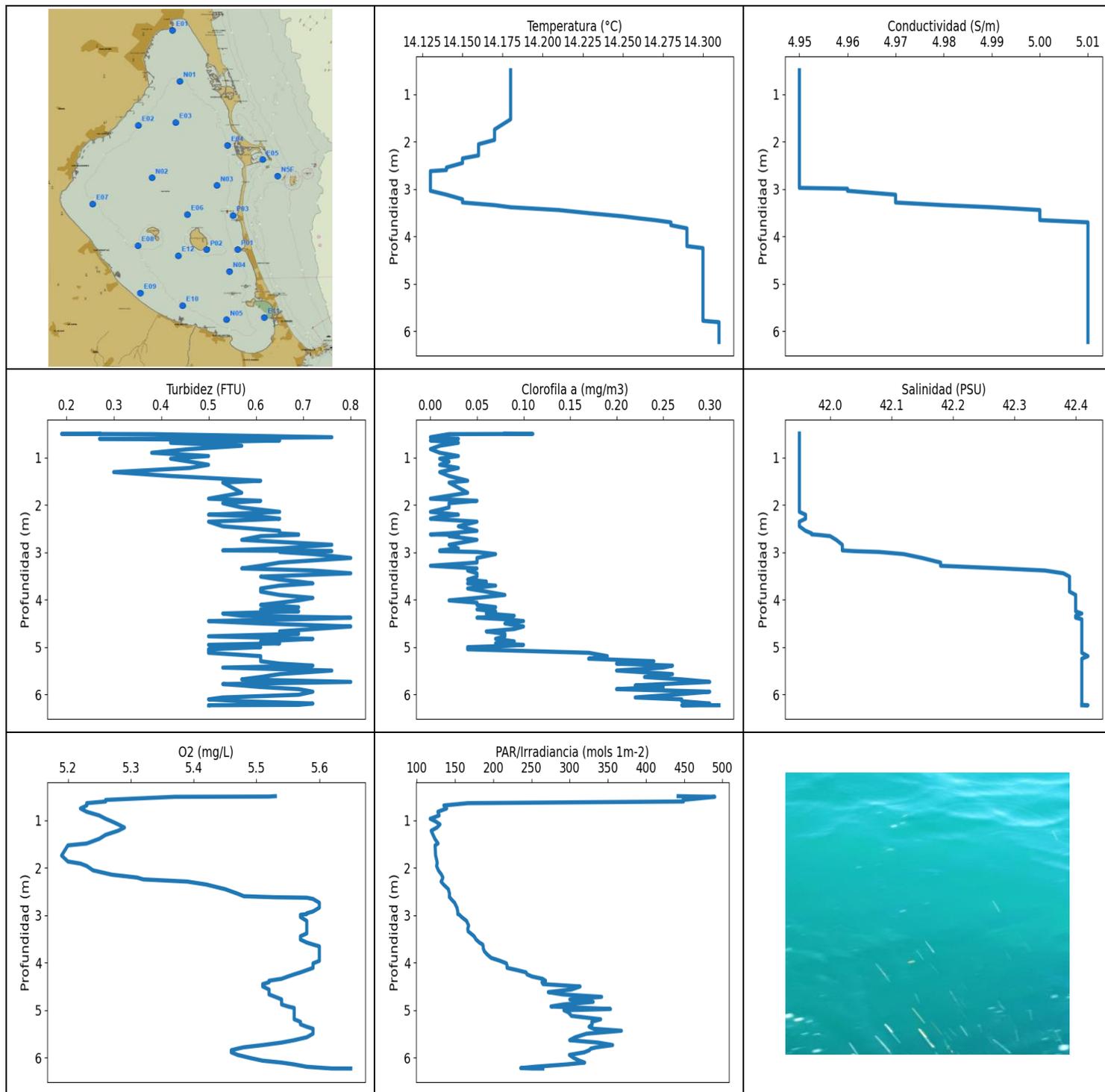
CTD P03 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.27	5.01	0.14	5.64	3066.4	0.08	42.41
1 - 2m	14.27	5.01	0.1	5.4	787.99	0.04	42.41

OBSERVACIONES GENERALES

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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)
0.508	14.27	5.01	0.0	5.69	4285.7	0.09	42.42
0.51	14.27	5.01	0.19	5.71	4177.8	0.08	42.41
0.513	14.27	5.01	0.19	5.72	4231.4	0.08	42.42
0.527	14.27	5.01	0.23	5.73	4241.2	0.09	42.42
0.534	14.27	5.01	0.11	5.72	4096.3	0.07	42.42
0.539	14.27	5.01	0.08	5.68	4389.2	0.08	42.42
0.545	14.27	5.01	0.0	5.68	4135.4	0.09	42.42
0.548	14.27	5.01	0.08	5.69	4108.6	0.05	42.42
0.55	14.27	5.01	0.08	5.69	4334.6	0.04	42.42
0.553	14.27	5.01	0.23	5.69	4153.6	0.09	42.41
0.556	14.27	5.01	0.15	5.68	4326.6	0.07	42.41
0.561	14.27	5.01	0.15	5.68	4332.6	0.08	42.41
0.641	14.27	5.01	0.0	5.66	3193.6	0.05	42.41
0.681	14.27	5.01	0.15	5.64	1260.2	0.08	42.41
0.722	14.27	5.01	0.0	5.61	2661.7	0.03	42.41
0.756	14.27	5.01	0.19	5.58	1027.9	0.08	42.41
0.791	14.27	5.01	0.11	5.55	1356.0	0.07	42.41
0.84	14.27	5.01	0.11	5.52	1013.0	0.08	42.41
0.898	14.27	5.01	0.08	5.48	780.33	0.08	42.41
0.957	14.27	5.01	0.08	5.44	1233.0	0.08	42.41
1.004	14.27	5.01	0.0	5.43	1025.1	0.06	42.41
1.044	14.27	5.01	0.04	5.42	828.8	0.03	42.41
1.08	14.27	5.01	0.04	5.4	907.41	0.07	42.41
1.121	14.27	5.01	0.11	5.38	1017.5	0.01	42.41
1.205	14.27	5.01	0.19	5.38	398.26	0.05	42.41
1.249	14.27	5.01	0.0	5.39	1006.9	0.07	42.42
1.28	14.27	5.01	0.0	5.42	972.98	0.06	42.42
1.287	14.27	5.01	0.0	5.45	1195.9	0.06	42.42



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.13	4.95	0.19	5.19	117.41	0.0	41.95
PROF (metros)	2.619	0.488	0.496	1.739	0.964	0.567	0.488
MÁXIMO	14.31	14.31	0.8	5.65	490.18	0.31	42.42
PROF (metros)	5.81	3.701	3.117	6.229	0.501	6.229	5.191

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N03 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.18	4.95	0.44	5.31	282.93	0.03	41.95
1 - 2m	14.18	4.95	0.49	5.24	124.88	0.02	41.95
2 - 3m	14.14	4.95	0.62	5.48	142.73	0.02	41.99
3 - 4m	14.22	4.99	0.67	5.59	179.76	0.05	42.32
4 - 5m	14.3	5.01	0.64	5.55	276.25	0.07	42.41
5 - 6m	14.3	5.01	0.62	5.54	323.64	0.21	42.41
6 - 7m	14.31	5.01	0.59	5.57	279.88	0.27	42.41

OBSERVACIONES GENERALES

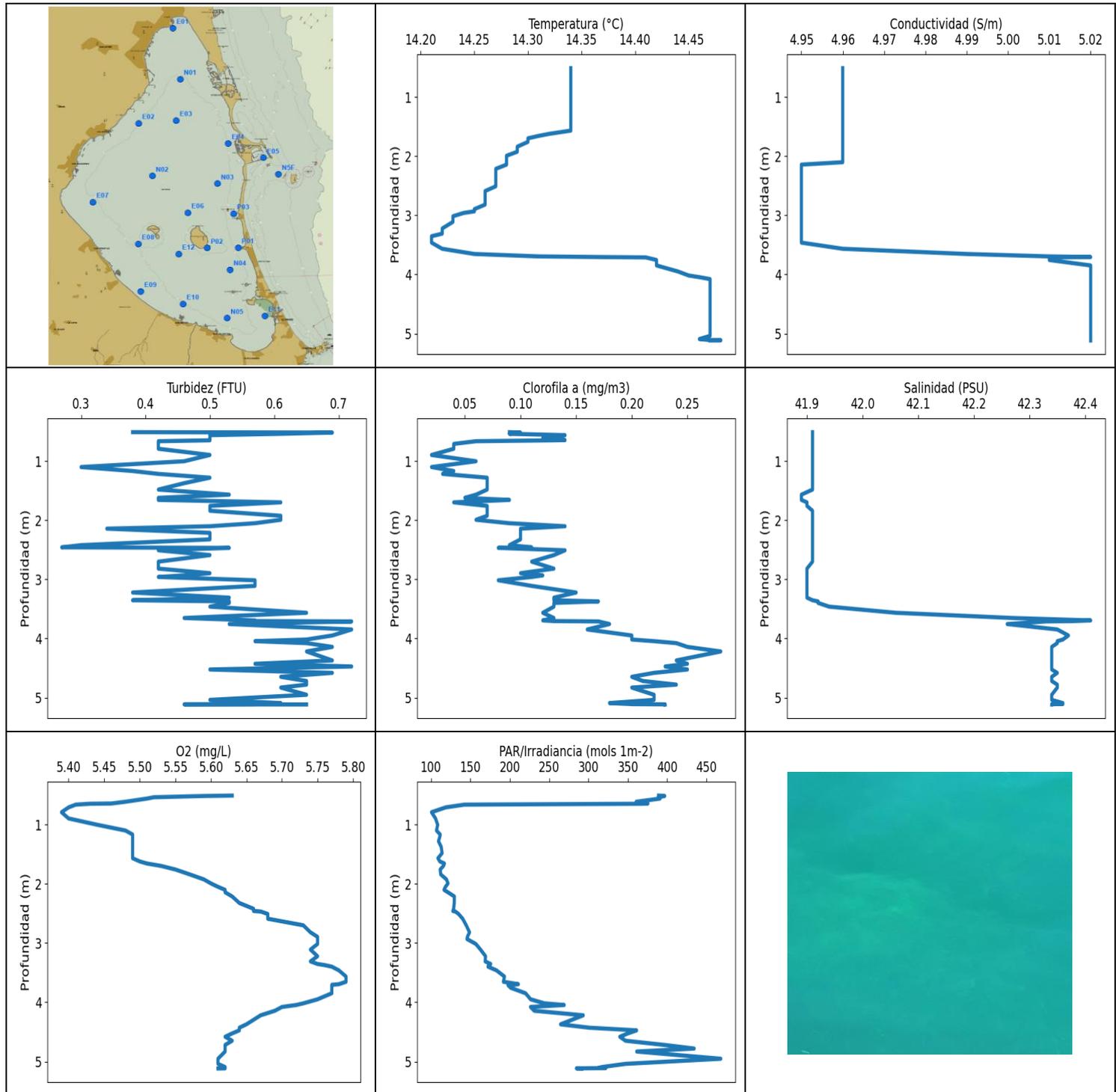
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.488	14.18	4.95	0.27	5.53	442.14	0.08	41.95
0.496	14.18	4.95	0.19	5.52	467.43	0.11	41.95
0.501	14.18	4.95	0.38	5.37	490.18	0.02	41.95
0.567	14.18	4.95	0.76	5.26	448.54	0.0	41.95
0.6	14.18	4.95	0.27	5.26	449.06	0.03	41.95
0.635	14.18	4.95	0.65	5.23	166.84	0.0	41.95
0.684	14.18	4.95	0.42	5.23	135.27	0.03	41.95
0.747	14.18	4.95	0.57	5.22	138.92	0.01	41.95
0.817	14.18	4.95	0.46	5.23	127.42	0.0	41.95
0.895	14.18	4.95	0.38	5.25	129.05	0.01	41.95
0.964	14.18	4.95	0.5	5.26	117.41	0.03	41.95
1.02	14.18	4.95	0.42	5.27	124.38	0.01	41.95
1.082	14.18	4.95	0.46	5.28	130.22	0.02	41.95
1.149	14.18	4.95	0.5	5.29	126.24	0.01	41.95
1.216	14.18	4.95	0.46	5.28	118.67	0.03	41.95
1.303	14.18	4.95	0.3	5.26	121.11	0.01	41.95
1.386	14.18	4.95	0.42	5.25	123.46	0.02	41.95
1.485	14.18	4.95	0.61	5.23	127.65	0.04	41.95
1.525	14.18	4.95	0.53	5.2	123.78	0.02	41.95
1.739	14.17	4.95	0.57	5.19	124.44	0.04	41.95
1.865	14.17	4.95	0.5	5.2	126.33	0.0	41.95
1.909	14.17	4.95	0.61	5.22	126.5	0.05	41.95
1.96	14.17	4.95	0.53	5.23	125.77	0.02	41.95
2.051	14.16	4.95	0.57	5.24	128.1	0.02	41.95
2.143	14.16	4.95	0.65	5.27	132.23	0.0	41.95
2.203	14.16	4.95	0.5	5.31	133.96	0.03	41.96
2.242	14.16	4.95	0.61	5.32	133.18	0.01	41.96
2.288	14.16	4.95	0.65	5.39	131.68	0.0	41.96
2.35	14.15	4.95	0.5	5.42	134.83	0.05	41.95
2.448	14.15	4.95	0.53	5.45	141.13	0.03	41.95
2.543	14.14	4.95	0.65	5.47	142.71	0.05	41.96
2.597	14.14	4.95	0.65	5.48	142.44	0.02	41.97
2.619	14.13	4.95	0.69	5.53	142.54	0.0	41.97
2.628	14.13	4.95	0.69	5.58	143.57	0.03	41.98
2.655	14.13	4.95	0.61	5.59	144.67	0.02	42.0

2.734	14.13	4.95	0.57	5.6	149.27	0.05	42.01
2.838	14.13	4.95	0.76	5.6	152.38	0.02	42.02
2.918	14.13	4.95	0.65	5.59	153.48	0.03	42.02
2.957	14.13	4.95	0.53	5.58	153.62	0.01	42.02
2.973	14.13	4.95	0.76	5.58	153.55	0.01	42.04
2.99	14.13	4.96	0.65	5.57	155.74	0.05	42.08
3.035	14.13	4.96	0.72	5.57	158.47	0.07	42.12
3.117	14.14	4.97	0.8	5.58	164.95	0.05	42.15
3.214	14.15	4.97	0.65	5.58	167.69	0.05	42.18
3.282	14.15	4.97	0.61	5.58	166.57	0.0	42.18
3.338	14.17	4.98	0.57	5.58	167.07	0.05	42.28
3.382	14.18	4.99	0.72	5.58	170.51	0.04	42.35
3.441	14.21	5.0	0.8	5.57	174.83	0.05	42.38
3.511	14.23	5.0	0.61	5.57	177.53	0.05	42.39
3.574	14.25	5.0	0.65	5.58	181.82	0.04	42.39
3.616	14.26	5.0	0.69	5.59	186.17	0.06	42.39
3.654	14.27	5.0	0.72	5.6	186.77	0.04	42.39
3.701	14.28	5.01	0.65	5.6	186.9	0.07	42.39
3.762	14.28	5.01	0.61	5.6	188.47	0.04	42.39
3.828	14.29	5.01	0.61	5.6	192.22	0.06	42.39
3.898	14.29	5.01	0.65	5.6	197.27	0.08	42.4
3.96	14.29	5.01	0.72	5.6	208.99	0.05	42.4
4.013	14.29	5.01	0.69	5.59	217.19	0.02	42.4
4.062	14.29	5.01	0.65	5.59	218.05	0.05	42.4
4.108	14.29	5.01	0.61	5.59	218.1	0.05	42.4
4.156	14.29	5.01	0.69	5.58	231.32	0.07	42.4
4.203	14.29	5.01	0.61	5.57	242.92	0.05	42.4
4.245	14.3	5.01	0.69	5.56	244.22	0.07	42.4
4.29	14.3	5.01	0.53	5.55	250.81	0.06	42.41
4.338	14.3	5.01	0.57	5.54	264.42	0.09	42.4
4.379	14.3	5.01	0.8	5.52	268.44	0.05	42.4
4.411	14.3	5.01	0.69	5.52	263.81	0.08	42.41
4.45	14.3	5.01	0.5	5.51	265.22	0.1	42.41
4.5	14.3	5.01	0.61	5.51	313.75	0.08	42.41
4.564	14.3	5.01	0.8	5.52	302.33	0.1	42.41
4.619	14.3	5.01	0.72	5.52	272.07	0.09	42.41
4.668	14.3	5.01	0.65	5.52	291.12	0.06	42.41
4.719	14.3	5.01	0.69	5.53	341.93	0.08	42.41
4.772	14.3	5.01	0.5	5.54	300.31	0.08	42.41
4.825	14.3	5.01	0.72	5.54	330.86	0.07	42.41
4.879	14.3	5.01	0.61	5.54	292.07	0.09	42.41
4.921	14.3	5.01	0.65	5.55	275.63	0.07	42.41
4.952	14.3	5.01	0.5	5.56	319.48	0.1	42.41
4.975	14.3	5.01	0.57	5.56	353.53	0.08	42.41
5.001	14.3	5.01	0.61	5.56	292.61	0.04	42.41
5.046	14.3	5.01	0.5	5.56	298.57	0.04	42.41
5.12	14.3	5.01	0.5	5.56	302.47	0.17	42.41
5.191	14.3	5.01	0.61	5.56	340.66	0.19	42.42
5.245	14.3	5.01	0.61	5.57	329.1	0.17	42.41
5.298	14.3	5.01	0.61	5.57	329.55	0.24	42.41
5.349	14.3	5.01	0.65	5.58	325.53	0.2	42.41
5.391	14.3	5.01	0.72	5.59	331.78	0.26	42.41
5.433	14.3	5.01	0.53	5.59	367.82	0.25	42.41
5.495	14.3	5.01	0.76	5.59	322.23	0.2	42.41
5.57	14.3	5.01	0.65	5.58	307.49	0.26	42.41
5.632	14.3	5.01	0.61	5.56	300.1	0.23	42.41
5.682	14.3	5.01	0.57	5.54	337.05	0.27	42.41
5.735	14.3	5.01	0.8	5.51	356.33	0.3	42.41

5.781	14.3	5.01	0.53	5.48	335.49	0.25	42.41
5.81	14.31	5.01	0.57	5.47	327.65	0.22	42.41
5.843	14.31	5.01	0.61	5.46	325.91	0.25	42.41
5.888	14.31	5.01	0.69	5.46	319.11	0.2	42.41
5.942	14.31	5.01	0.72	5.47	299.75	0.3	42.41
6.007	14.31	5.01	0.69	5.49	305.64	0.26	42.41
6.064	14.31	5.01	0.53	5.51	312.95	0.22	42.41
6.104	14.31	5.01	0.5	5.54	319.7	0.27	42.41
6.143	14.31	5.01	0.57	5.56	295.68	0.27	42.41
6.192	14.31	5.01	0.72	5.58	254.21	0.3	42.41
6.22	14.31	5.01	0.69	5.61	235.98	0.29	42.41
6.228	14.31	5.01	0.5	5.62	250.0	0.27	42.42
6.229	14.31	5.01	0.5	5.65	264.85	0.31	42.41



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.21	4.95	0.27	5.39	100.45	0.02	41.89
PROF (metros)	3.354	2.143	2.459	0.792	0.792	0.897	1.568
MÁXIMO	14.48	14.48	0.73	5.79	468.3	0.28	42.41
PROF (metros)	5.111	3.706	3.712	3.566	4.953	4.22	3.695

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E04 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.34	4.96	0.49	5.48	285.13	0.09	41.91
1 - 2m	14.32	4.96	0.48	5.51	112.66	0.06	41.91
2 - 3m	14.26	4.95	0.44	5.68	134.06	0.11	41.91
3 - 4m	14.29	4.98	0.56	5.77	187.94	0.14	42.11
4 - 5m	14.47	5.02	0.64	5.65	325.92	0.23	42.35
5 - 6m	14.47	5.02	0.56	5.62	312.5	0.21	42.35

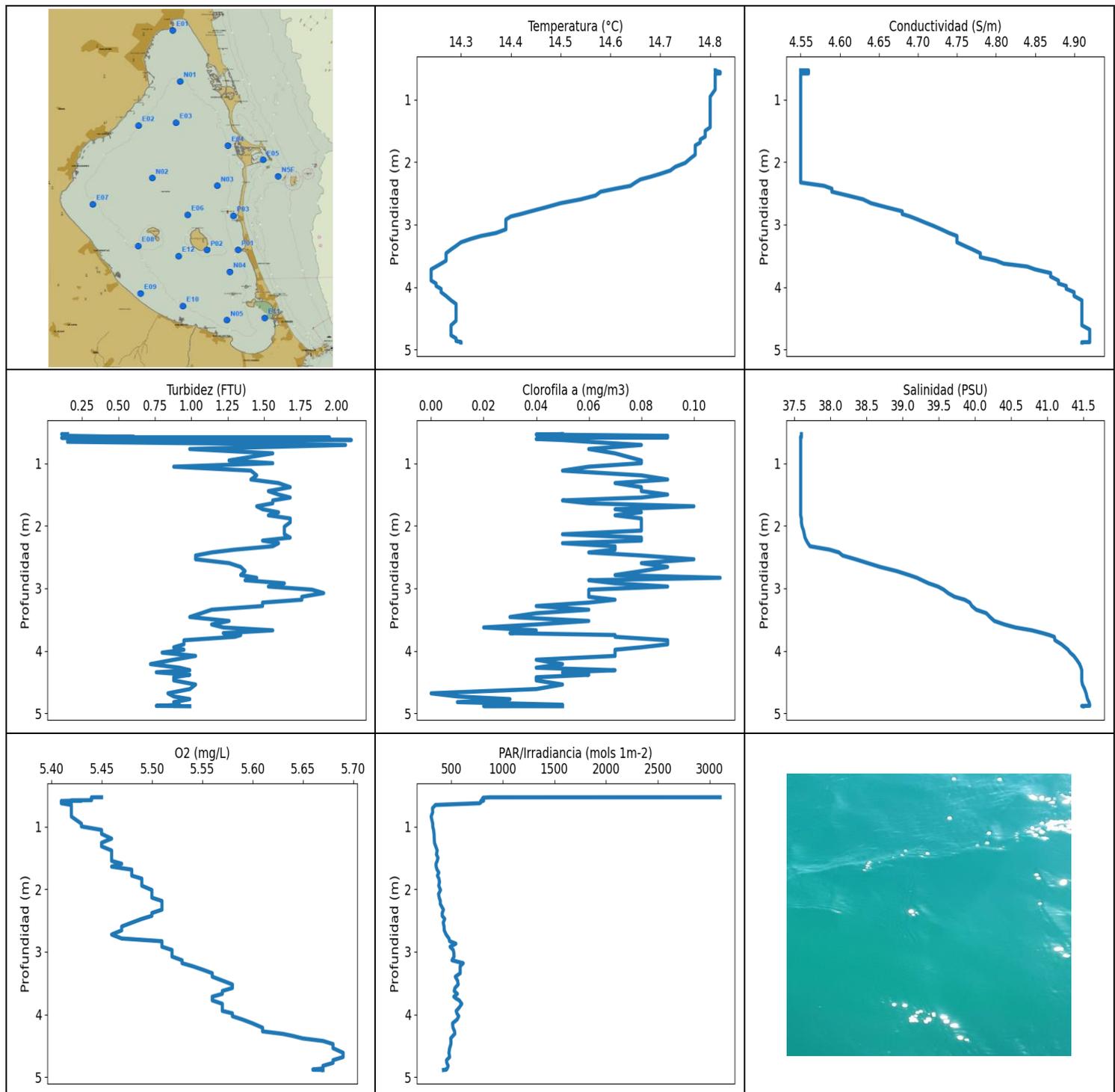
OBSERVACIONES GENERALES

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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)
0.511	14.34	4.96	0.38	5.63	389.13	0.09	41.91
0.518	14.34	4.96	0.69	5.59	396.97	0.1	41.91
0.539	14.34	4.96	0.61	5.52	389.04	0.09	41.91
0.562	14.34	4.96	0.5	5.51	390.94	0.14	41.91
0.615	14.34	4.96	0.5	5.48	360.73	0.12	41.91
0.645	14.34	4.96	0.5	5.46	375.58	0.14	41.91
0.649	14.34	4.96	0.5	5.43	367.23	0.13	41.91
0.664	14.34	4.96	0.42	5.41	142.28	0.06	41.91
0.71	14.34	4.96	0.42	5.4	118.56	0.04	41.91
0.792	14.34	4.96	0.42	5.39	100.45	0.04	41.91
0.897	14.34	4.96	0.5	5.4	105.56	0.02	41.91
1.003	14.34	4.96	0.46	5.44	108.28	0.06	41.91
1.101	14.34	4.96	0.3	5.48	106.79	0.02	41.91
1.168	14.34	4.96	0.38	5.49	111.52	0.04	41.91
1.217	14.34	4.96	0.42	5.49	110.8	0.03	41.91
1.281	14.34	4.96	0.5	5.49	109.29	0.07	41.91
1.374	14.34	4.96	0.46	5.49	112.74	0.07	41.91
1.482	14.34	4.96	0.42	5.49	113.9	0.07	41.91
1.568	14.34	4.96	0.53	5.49	108.66	0.06	41.89
1.622	14.32	4.96	0.42	5.5	111.0	0.05	41.89
1.657	14.31	4.96	0.42	5.51	116.86	0.09	41.89
1.698	14.3	4.96	0.61	5.53	115.65	0.04	41.9
1.758	14.3	4.96	0.5	5.55	111.54	0.07	41.9
1.84	14.29	4.96	0.5	5.57	112.11	0.07	41.91
1.925	14.29	4.96	0.61	5.59	119.41	0.07	41.91
1.993	14.28	4.96	0.61	5.6	121.42	0.06	41.91
2.051	14.28	4.96	0.57	5.61	118.2	0.09	41.91
2.102	14.28	4.96	0.5	5.62	116.35	0.14	41.91
2.143	14.28	4.95	0.34	5.62	121.28	0.1	41.91
2.214	14.27	4.95	0.5	5.63	129.53	0.1	41.91
2.324	14.27	4.95	0.5	5.64	129.38	0.1	41.91
2.422	14.27	4.95	0.3	5.66	128.6	0.09	41.91
2.459	14.27	4.95	0.27	5.66	127.59	0.11	41.91
2.468	14.27	4.95	0.53	5.67	130.74	0.08	41.91
2.509	14.27	4.95	0.42	5.68	134.83	0.14	41.91
2.59	14.26	4.95	0.5	5.68	140.09	0.13	41.91

2.701	14.26	4.95	0.42	5.73	144.61	0.11	41.91
2.819	14.26	4.95	0.42	5.74	148.75	0.13	41.9
2.896	14.25	4.95	0.5	5.75	146.09	0.1	41.9
2.933	14.25	4.95	0.46	5.75	145.58	0.12	41.9
2.96	14.24	4.95	0.42	5.75	149.27	0.11	41.9
3.016	14.23	4.95	0.57	5.75	156.83	0.08	41.9
3.111	14.23	4.95	0.57	5.74	162.75	0.11	41.9
3.223	14.22	4.95	0.38	5.75	169.13	0.15	41.9
3.31	14.22	4.95	0.53	5.74	168.66	0.13	41.9
3.354	14.21	4.95	0.38	5.75	175.69	0.13	41.91
3.373	14.21	4.95	0.53	5.76	173.14	0.17	41.92
3.399	14.21	4.95	0.53	5.77	172.3	0.13	41.92
3.462	14.21	4.95	0.5	5.78	183.09	0.13	41.94
3.566	14.22	4.96	0.65	5.79	193.2	0.12	42.06
3.654	14.25	4.99	0.46	5.79	191.86	0.13	42.27
3.695	14.31	5.01	0.57	5.78	210.89	0.12	42.41
3.706	14.37	5.02	0.57	5.77	204.11	0.13	42.38
3.712	14.41	5.01	0.72	5.77	197.78	0.17	42.33
3.756	14.42	5.01	0.53	5.77	201.15	0.18	42.26
3.848	14.42	5.02	0.72	5.77	220.03	0.16	42.35
3.95	14.44	5.02	0.69	5.75	226.44	0.2	42.37
4.018	14.45	5.02	0.65	5.73	244.05	0.2	42.36
4.046	14.46	5.02	0.57	5.72	269.19	0.22	42.35
4.079	14.47	5.02	0.65	5.7	226.29	0.24	42.35
4.143	14.47	5.02	0.69	5.69	231.06	0.25	42.34
4.22	14.47	5.02	0.65	5.67	293.42	0.28	42.34
4.372	14.47	5.02	0.69	5.65	264.55	0.24	42.34
4.429	14.47	5.02	0.57	5.64	301.0	0.25	42.34
4.474	14.47	5.02	0.72	5.64	361.23	0.23	42.34
4.525	14.47	5.02	0.5	5.63	350.19	0.25	42.34
4.582	14.47	5.02	0.69	5.62	339.87	0.22	42.35
4.649	14.47	5.02	0.61	5.63	347.12	0.2	42.34
4.72	14.47	5.02	0.65	5.62	396.69	0.21	42.34
4.781	14.47	5.02	0.65	5.62	434.42	0.24	42.35
4.831	14.47	5.02	0.61	5.62	361.4	0.2	42.35
4.953	14.47	5.02	0.65	5.61	468.3	0.22	42.34
5.039	14.47	5.02	0.5	5.61	347.28	0.22	42.34
5.093	14.46	5.02	0.61	5.62	317.26	0.18	42.36
5.11	14.47	5.02	0.57	5.62	312.37	0.2	42.36
5.111	14.48	5.02	0.57	5.62	322.0	0.2	42.34
5.115	14.48	5.02	0.46	5.62	284.72	0.23	42.34
5.117	14.47	5.02	0.65	5.61	291.39	0.23	42.34



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	14.24	4.55	0.11	5.41	307.7	0.0	37.59
PROF (metros)	3.717	0.53	0.531	0.59	0.838	4.681	0.576
MÁXIMO	14.82	14.82	2.1	5.69	3103.1	0.11	41.59
PROF (metros)	0.558	4.681	0.625	4.613	0.53	2.831	4.864

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E05 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.81	4.55	0.85	5.43	773.72	0.06	37.59
1 - 2m	14.79	4.55	1.52	5.47	361.48	0.07	37.59
2 - 3m	14.57	4.61	1.42	5.5	438.76	0.08	38.36
3 - 4m	14.29	4.8	1.31	5.56	560.1	0.06	40.45
4 - 5m	14.29	4.91	0.89	5.65	489.5	0.04	41.49

OBSERVACIONES GENERALES

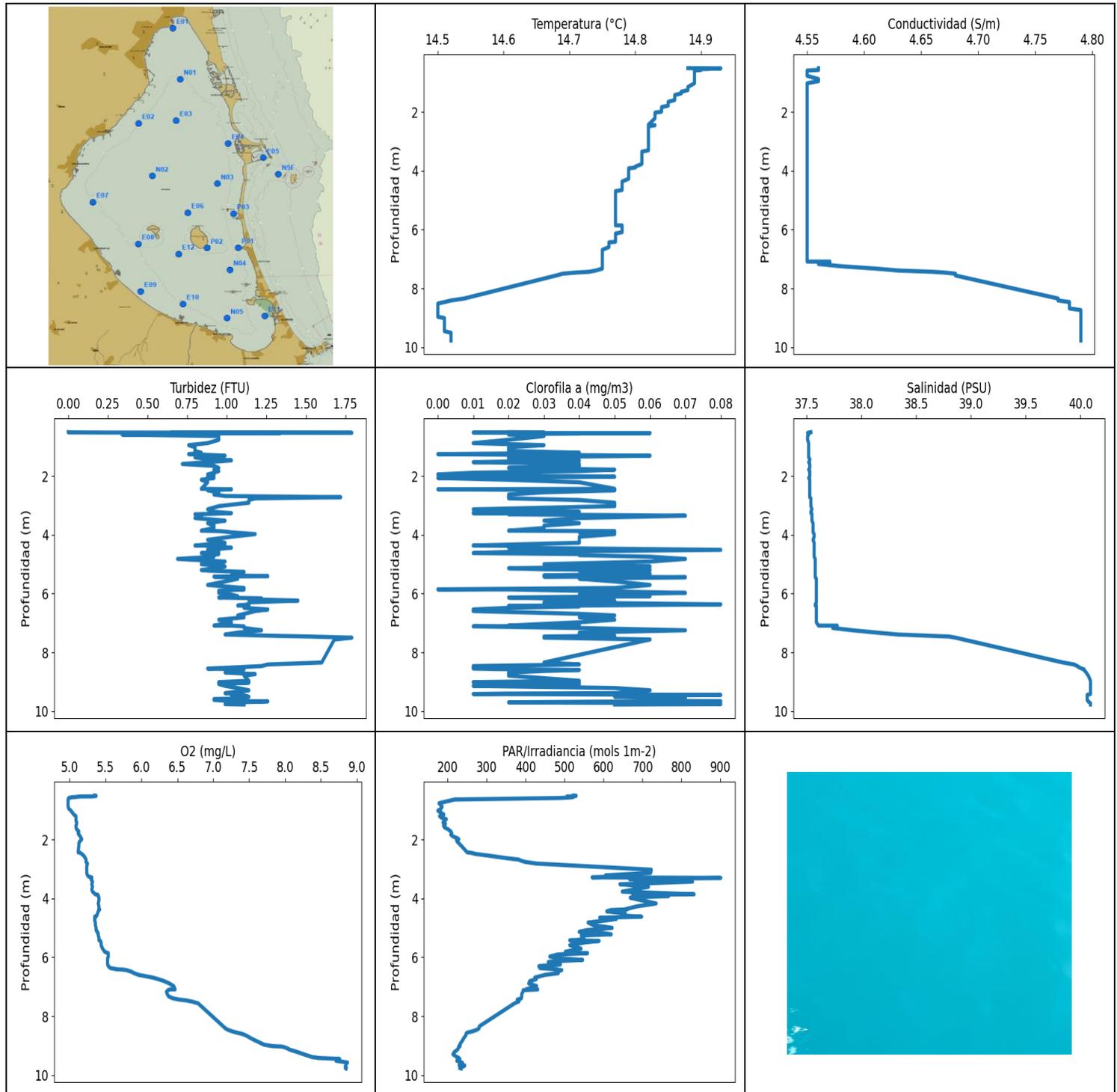
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.53	14.81	4.55	0.15	5.45	3103.1	0.05	37.6
0.531	14.81	4.56	0.11	5.44	876.21	0.05	37.6
0.537	14.81	4.56	0.15	5.44	810.75	0.04	37.6
0.558	14.82	4.56	0.15	5.44	801.96	0.09	37.6
0.576	14.82	4.56	0.61	5.44	800.29	0.06	37.59
0.58	14.82	4.56	0.15	5.42	813.76	0.08	37.6
0.581	14.81	4.55	0.27	5.43	807.56	0.06	37.59
0.583	14.81	4.55	1.95	5.43	814.7	0.09	37.59
0.585	14.81	4.55	0.5	5.42	794.75	0.06	37.59
0.59	14.81	4.55	0.11	5.41	787.96	0.05	37.59
0.608	14.81	4.55	1.41	5.42	791.26	0.04	37.59
0.625	14.81	4.55	2.1	5.41	777.08	0.05	37.59
0.653	14.81	4.55	0.15	5.42	349.7	0.06	37.59
0.704	14.81	4.55	2.06	5.42	321.11	0.08	37.59
0.769	14.81	4.55	0.99	5.42	322.75	0.06	37.59
0.838	14.81	4.55	1.56	5.42	307.7	0.07	37.59
0.952	14.8	4.55	1.26	5.43	322.98	0.08	37.59
0.996	14.8	4.55	1.56	5.43	323.35	0.08	37.59
1.052	14.8	4.55	0.88	5.45	331.39	0.06	37.59
1.115	14.8	4.55	1.41	5.45	336.11	0.05	37.59
1.191	14.8	4.55	1.45	5.46	337.83	0.08	37.59
1.257	14.8	4.55	1.41	5.45	340.11	0.09	37.59
1.314	14.8	4.55	1.6	5.45	352.22	0.07	37.59
1.38	14.8	4.55	1.68	5.46	366.55	0.08	37.59
1.443	14.8	4.55	1.53	5.46	359.15	0.08	37.59
1.498	14.79	4.55	1.6	5.46	374.45	0.09	37.59
1.546	14.79	4.55	1.68	5.46	366.63	0.08	37.59
1.592	14.79	4.55	1.56	5.47	355.01	0.05	37.59
1.638	14.78	4.55	1.56	5.46	356.49	0.06	37.59
1.686	14.78	4.55	1.45	5.48	365.11	0.1	37.59
1.733	14.77	4.55	1.49	5.48	382.07	0.07	37.59
1.782	14.77	4.55	1.6	5.48	368.93	0.08	37.59
1.83	14.77	4.55	1.53	5.49	383.05	0.07	37.59
1.881	14.77	4.55	1.68	5.49	388.59	0.08	37.6
1.943	14.76	4.55	1.68	5.49	381.45	0.08	37.6
2.012	14.75	4.55	1.64	5.5	398.72	0.08	37.61
2.075	14.73	4.55	1.64	5.5	379.51	0.08	37.63

2.134	14.72	4.55	1.64	5.5	386.08	0.05	37.64
2.187	14.7	4.55	1.68	5.51	396.78	0.08	37.65
2.235	14.68	4.55	1.49	5.51	396.42	0.08	37.67
2.277	14.66	4.55	1.6	5.51	410.16	0.05	37.69
2.326	14.65	4.55	1.56	5.51	426.84	0.07	37.72
2.38	14.64	4.58	1.3	5.5	415.13	0.07	37.99
2.425	14.61	4.59	1.14	5.5	415.13	0.06	38.12
2.474	14.58	4.59	1.03	5.49	438.98	0.08	38.17
2.534	14.57	4.61	1.03	5.48	424.76	0.1	38.35
2.596	14.54	4.63	1.26	5.47	432.81	0.08	38.52
2.657	14.5	4.64	1.34	5.47	434.83	0.09	38.69
2.724	14.47	4.66	1.37	5.46	453.03	0.08	38.92
2.787	14.44	4.68	1.34	5.47	480.17	0.07	39.09
2.831	14.42	4.68	1.45	5.51	487.46	0.11	39.2
2.87	14.4	4.69	1.37	5.51	546.85	0.06	39.27
2.919	14.39	4.7	1.64	5.51	491.2	0.07	39.36
2.971	14.39	4.71	1.53	5.52	521.59	0.09	39.49
3.021	14.39	4.72	1.83	5.52	527.8	0.06	39.57
3.076	14.39	4.73	1.91	5.52	529.27	0.06	39.63
3.135	14.37	4.74	1.76	5.53	509.64	0.06	39.72
3.182	14.34	4.75	1.76	5.53	618.18	0.07	39.86
3.228	14.32	4.75	1.49	5.54	588.95	0.06	39.93
3.283	14.3	4.75	1.49	5.55	588.54	0.04	39.96
3.342	14.29	4.76	1.14	5.56	589.08	0.06	40.02
3.398	14.28	4.77	1.07	5.56	541.3	0.04	40.16
3.459	14.27	4.78	0.99	5.57	563.31	0.03	40.21
3.522	14.27	4.78	1.26	5.58	569.35	0.06	40.27
3.578	14.27	4.8	1.14	5.58	538.05	0.04	40.41
3.626	14.26	4.81	1.22	5.57	531.11	0.02	40.56
3.672	14.25	4.84	1.56	5.57	561.62	0.04	40.79
3.717	14.24	4.85	1.22	5.56	527.67	0.03	40.94
3.747	14.24	4.86	1.34	5.56	549.77	0.07	41.03
3.776	14.24	4.87	1.3	5.56	580.01	0.07	41.1
3.831	14.24	4.87	0.95	5.57	604.16	0.09	41.11
3.896	14.24	4.88	0.95	5.57	576.79	0.09	41.2
3.944	14.25	4.88	0.88	5.57	550.66	0.08	41.25
3.983	14.25	4.89	0.95	5.58	556.69	0.07	41.29
4.029	14.26	4.89	0.8	5.58	575.19	0.07	41.32
4.082	14.26	4.9	1.03	5.59	558.76	0.07	41.37
4.143	14.27	4.9	0.88	5.6	514.51	0.04	41.41
4.213	14.28	4.91	0.72	5.61	519.06	0.05	41.45
4.271	14.29	4.91	0.92	5.61	534.94	0.04	41.47
4.311	14.29	4.91	0.99	5.63	536.3	0.07	41.48
4.344	14.29	4.91	0.76	5.64	517.38	0.05	41.48
4.384	14.29	4.91	0.99	5.65	497.16	0.06	41.48
4.424	14.29	4.91	0.88	5.67	499.47	0.04	41.48
4.474	14.29	4.91	0.88	5.68	499.01	0.04	41.48
4.54	14.29	4.91	1.03	5.68	486.78	0.05	41.49
4.613	14.28	4.91	0.99	5.69	479.95	0.04	41.52
4.681	14.28	4.92	0.84	5.69	486.67	0.0	41.54
4.731	14.28	4.92	0.88	5.68	456.72	0.01	41.55
4.774	14.28	4.92	0.99	5.68	459.38	0.03	41.56
4.822	14.29	4.92	0.88	5.67	472.77	0.01	41.58
4.864	14.29	4.92	0.92	5.67	463.23	0.05	41.59
4.88	14.3	4.92	0.8	5.66	454.3	0.03	41.59
4.882	14.3	4.92	0.76	5.66	446.88	0.03	41.52
4.884	14.3	4.91	0.88	5.66	450.73	0.02	41.48
4.886	14.3	4.91	0.88	5.67	433.32	0.02	41.49

4.888	14.3	4.91	0.99	5.67	426.54	0.05	41.5
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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	14.5	4.55	0.0	4.98	175.36	0.0	37.51
PROF (metros)	8.515	0.592	0.51	0.643	1.024	1.258	0.532
MÁXIMO	14.93	14.93	1.79	8.87	900.71	0.08	40.09
PROF (metros)	0.517	8.739	0.532	9.569	3.304	4.512	8.965

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N5F - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.9	4.56	0.82	5.13	415.29	0.03	37.52
1 - 2m	14.86	4.55	0.88	5.1	198.9	0.03	37.52
2 - 3m	14.83	4.55	1.02	5.19	322.57	0.03	37.53
3 - 4m	14.81	4.55	0.93	5.32	702.84	0.03	37.55
4 - 5m	14.78	4.55	0.91	5.38	642.04	0.04	37.57
5 - 6m	14.77	4.55	0.99	5.44	547.89	0.04	37.58
6 - 7m	14.76	4.55	1.12	5.83	460.86	0.04	37.59
7 - 8m	14.73	4.62	1.25	6.49	391.7	0.04	38.23
8 - 9m	14.51	4.78	1.13	7.38	254.5	0.02	40.01
9 - 10m	14.51	4.79	1.05	8.53	231.06	0.05	40.08

OBSERVACIONES GENERALES

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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)
0.51	14.88	4.56	0.0	5.35	523.9	0.02	37.54
0.517	14.93	4.56	0.0	5.37	529.88	0.03	37.53
0.523	14.93	4.56	0.23	5.37	520.87	0.01	37.53
0.532	14.91	4.56	1.79	5.34	522.2	0.03	37.51
0.533	14.91	4.56	0.65	5.34	519.9	0.02	37.51
0.538	14.91	4.56	1.34	5.32	516.78	0.02	37.51
0.541	14.9	4.56	0.88	5.15	506.35	0.06	37.52
0.545	14.9	4.56	0.53	5.12	517.5	0.04	37.52
0.558	14.9	4.56	0.57	5.09	522.56	0.04	37.52
0.572	14.9	4.56	0.8	5.02	515.7	0.02	37.52
0.592	14.89	4.55	0.34	4.99	490.18	0.02	37.52
0.643	14.89	4.55	0.95	4.98	218.4	0.03	37.51
0.77	14.89	4.55	0.95	4.98	178.27	0.02	37.51
0.883	14.89	4.56	0.88	4.98	186.25	0.01	37.52
0.952	14.89	4.56	0.76	4.99	183.81	0.03	37.52
1.024	14.89	4.55	0.8	5.02	175.36	0.02	37.52
1.151	14.88	4.55	0.8	5.06	190.62	0.02	37.52
1.211	14.88	4.55	0.84	5.09	179.72	0.04	37.52
1.258	14.88	4.55	0.76	5.09	184.41	0.0	37.52
1.311	14.87	4.55	0.99	5.09	197.14	0.06	37.52
1.369	14.87	4.55	0.8	5.09	191.86	0.02	37.52
1.424	14.86	4.55	0.88	5.1	188.6	0.02	37.53
1.47	14.86	4.55	1.03	5.1	194.86	0.04	37.53
1.53	14.86	4.55	0.88	5.09	189.78	0.01	37.52
1.593	14.86	4.55	0.72	5.09	192.66	0.04	37.53
1.657	14.85	4.55	0.92	5.1	201.99	0.04	37.53
1.726	14.85	4.55	0.95	5.13	208.51	0.02	37.53
1.786	14.85	4.55	0.92	5.12	211.04	0.05	37.52
1.835	14.84	4.55	0.95	5.13	208.46	0.04	37.53
1.891	14.84	4.55	0.92	5.15	213.4	0.01	37.53
1.947	14.84	4.55	0.88	5.16	223.78	0.0	37.53
1.989	14.84	4.55	0.92	5.17	229.08	0.02	37.53

2.024	14.83	4.55	0.88	5.16	223.26	0.05	37.53
2.067	14.83	4.55	0.92	5.14	224.51	0.0	37.52
2.13	14.83	4.55	0.84	5.13	229.3	0.02	37.53
2.214	14.83	4.55	0.88	5.13	235.38	0.04	37.53
2.436	14.82	4.55	0.84	5.12	250.64	0.05	37.53
2.453	14.83	4.55	1.03	5.15	261.2	0.0	37.53
2.489	14.82	4.55	0.88	5.17	271.06	0.05	37.53
2.556	14.82	4.55	0.95	5.2	309.85	0.03	37.53
2.631	14.82	4.55	0.92	5.22	350.27	0.02	37.53
2.682	14.82	4.55	0.99	5.23	382.52	0.02	37.53
2.721	14.82	4.55	1.72	5.23	388.95	0.02	37.53
2.762	14.82	4.55	1.18	5.23	399.37	0.02	37.54
2.817	14.82	4.55	1.14	5.25	428.22	0.04	37.54
2.91	14.82	4.55	1.14	5.24	561.49	0.05	37.54
3.025	14.82	4.55	0.95	5.24	722.53	0.05	37.54
3.135	14.82	4.55	0.88	5.24	720.86	0.01	37.55
3.217	14.82	4.55	0.92	5.25	605.28	0.04	37.54
3.263	14.82	4.55	1.03	5.27	624.37	0.01	37.54
3.285	14.82	4.55	0.92	5.31	570.94	0.03	37.55
3.304	14.82	4.55	0.8	5.31	900.71	0.02	37.55
3.351	14.81	4.55	0.84	5.3	667.01	0.07	37.55
3.43	14.81	4.55	0.8	5.32	828.22	0.04	37.55
3.519	14.81	4.55	0.99	5.31	642.28	0.03	37.55
3.606	14.81	4.55	0.88	5.32	715.2	0.04	37.56
3.688	14.81	4.55	0.92	5.31	681.23	0.03	37.56
3.769	14.81	4.55	0.92	5.32	648.26	0.03	37.56
3.861	14.8	4.55	0.84	5.36	832.26	0.02	37.56
3.874	14.8	4.55	0.95	5.39	674.78	0.05	37.56
3.891	14.8	4.55	0.99	5.4	678.7	0.05	37.56
3.917	14.79	4.55	1.03	5.4	767.06	0.04	37.56
3.976	14.79	4.55	1.18	5.41	668.56	0.05	37.57
4.066	14.79	4.55	1.03	5.41	697.85	0.04	37.57
4.171	14.79	4.55	0.88	5.4	734.86	0.04	37.56
4.272	14.79	4.55	0.99	5.41	684.87	0.04	37.57
4.365	14.78	4.55	0.8	5.41	657.19	0.01	37.57
4.375	14.78	4.55	0.99	5.42	660.24	0.02	37.57
4.395	14.78	4.55	0.88	5.41	618.9	0.02	37.57
4.439	14.78	4.55	1.03	5.4	608.37	0.02	37.57
4.512	14.78	4.55	0.88	5.39	655.82	0.08	37.57
4.582	14.78	4.55	0.95	5.38	648.11	0.02	37.57
4.622	14.78	4.55	0.84	5.35	697.68	0.01	37.57
4.655	14.78	4.55	0.95	5.36	590.45	0.04	37.57
4.694	14.77	4.55	0.88	5.35	633.12	0.04	37.57
4.746	14.77	4.55	0.92	5.35	607.67	0.06	37.57
4.82	14.77	4.55	0.69	5.36	560.58	0.07	37.58
4.911	14.77	4.55	0.99	5.36	574.92	0.06	37.58
5.0	14.77	4.55	0.84	5.37	622.06	0.03	37.58
5.08	14.77	4.55	0.99	5.37	556.31	0.06	37.58
5.137	14.77	4.55	0.92	5.39	537.8	0.02	37.58
5.174	14.77	4.55	0.88	5.39	596.37	0.03	37.58
5.197	14.77	4.55	0.84	5.4	609.5	0.06	37.58
5.218	14.77	4.55	0.88	5.4	619.76	0.04	37.58
5.261	14.77	4.55	1.11	5.4	543.31	0.05	37.58
5.325	14.77	4.55	1.07	5.41	545.96	0.06	37.58
5.379	14.77	4.55	1.03	5.41	550.15	0.03	37.58
5.408	14.77	4.55	1.26	5.41	534.94	0.04	37.58
5.421	14.77	4.55	0.92	5.41	513.79	0.03	37.58
5.442	14.77	4.55	0.99	5.43	588.68	0.07	37.58

5.494	14.77	4.55	1.07	5.44	552.45	0.04	37.59
5.587	14.77	4.55	0.99	5.44	513.79	0.05	37.59
5.706	14.77	4.55	0.88	5.46	542.3	0.06	37.59
5.809	14.77	4.55	1.11	5.49	502.37	0.05	37.59
5.856	14.77	4.55	1.03	5.53	524.14	0.0	37.59
5.858	14.78	4.55	1.11	5.54	559.15	0.02	37.59
5.904	14.78	4.55	0.95	5.54	482.51	0.04	37.59
5.975	14.78	4.55	0.95	5.54	462.37	0.07	37.59
6.037	14.78	4.55	1.03	5.53	489.27	0.04	37.59
6.088	14.78	4.55	1.07	5.53	546.47	0.06	37.59
6.133	14.77	4.55	0.95	5.53	474.2	0.02	37.59
6.161	14.77	4.55	1.22	5.53	458.53	0.03	37.59
6.192	14.77	4.55	1.14	5.53	461.51	0.04	37.59
6.237	14.77	4.55	1.45	5.53	489.61	0.05	37.59
6.299	14.77	4.55	1.14	5.54	434.22	0.03	37.59
6.366	14.77	4.55	1.14	5.57	436.95	0.08	37.58
6.406	14.77	4.55	1.07	5.66	481.96	0.04	37.58
6.414	14.77	4.55	1.14	5.73	475.08	0.02	37.59
6.433	14.76	4.55	1.11	5.79	493.03	0.04	37.59
6.485	14.76	4.55	1.11	5.86	481.62	0.02	37.59
6.539	14.76	4.55	1.26	5.9	484.2	0.01	37.59
6.594	14.76	4.55	1.18	5.96	450.73	0.01	37.59
6.688	14.75	4.55	1.11	6.16	423.78	0.04	37.59
6.744	14.75	4.55	1.07	6.24	427.43	0.05	37.59
6.809	14.75	4.55	1.11	6.32	410.73	0.04	37.59
6.888	14.75	4.55	0.95	6.39	408.35	0.05	37.59
6.975	14.75	4.55	1.03	6.45	428.62	0.04	37.59
7.088	14.75	4.55	0.92	6.47	402.06	0.02	37.61
7.089	14.75	4.57	1.03	6.4	431.41	0.04	37.78
7.114	14.75	4.57	1.11	6.37	394.13	0.01	37.78
7.17	14.75	4.56	1.11	6.35	393.49	0.04	37.74
7.247	14.75	4.58	1.22	6.36	390.31	0.07	37.92
7.326	14.75	4.61	1.07	6.38	390.31	0.04	38.14
7.392	14.74	4.63	0.99	6.44	389.49	0.04	38.34
7.435	14.73	4.66	1.3	6.53	378.72	0.05	38.62
7.46	14.71	4.67	1.53	6.62	383.85	0.03	38.8
7.499	14.69	4.68	1.79	6.7	382.87	0.03	38.86
7.56	14.68	4.68	1.68	6.79	372.02	0.06	38.93
8.344	14.54	4.77	1.6	7.14	281.44	0.03	39.84
8.41	14.52	4.77	1.26	7.17	281.04	0.04	39.94
8.465	14.51	4.78	1.22	7.21	274.29	0.01	39.97
8.515	14.5	4.78	1.03	7.27	263.32	0.01	39.99
8.55	14.5	4.78	0.88	7.32	251.86	0.01	40.01
8.572	14.5	4.78	1.11	7.36	248.44	0.02	40.03
8.596	14.5	4.78	1.03	7.4	247.87	0.04	40.03
8.632	14.5	4.78	1.03	7.44	247.46	0.03	40.04
8.682	14.5	4.78	0.99	7.48	245.29	0.02	40.05
8.739	14.5	4.79	1.18	7.52	241.74	0.02	40.06
8.79	14.5	4.79	1.11	7.56	239.95	0.02	40.07
8.965	14.5	4.79	1.14	7.71	231.27	0.04	40.09
9.011	14.51	4.79	0.95	7.82	232.34	0.01	40.09
9.021	14.51	4.79	0.99	7.9	231.65	0.04	40.09
9.029	14.51	4.79	1.14	7.96	228.66	0.02	40.09
9.074	14.51	4.79	0.95	8.02	228.39	0.04	40.09
9.138	14.51	4.79	0.99	8.07	225.34	0.01	40.09
9.211	14.51	4.79	1.07	8.17	217.85	0.05	40.09
9.288	14.51	4.79	1.14	8.26	213.99	0.06	40.09
9.386	14.51	4.79	0.99	8.38	224.25	0.05	40.09

9.4	14.51	4.79	1.03	8.43	227.97	0.02	40.09
9.414	14.51	4.79	1.03	8.46	226.6	0.01	40.09
9.447	14.51	4.79	1.03	8.76	231.81	0.08	40.06
9.455	14.51	4.79	1.11	8.73	228.08	0.07	40.06
9.509	14.52	4.79	1.14	8.71	223.94	0.05	40.06
9.569	14.52	4.79	1.11	8.87	236.75	0.07	40.06
9.585	14.52	4.79	0.92	8.85	238.68	0.07	40.06
9.617	14.52	4.79	0.92	8.85	237.24	0.07	40.06
9.657	14.52	4.79	1.03	8.85	229.93	0.07	40.07
9.663	14.52	4.79	1.26	8.85	242.75	0.08	40.07
9.673	14.52	4.79	1.22	8.85	244.27	0.05	40.07
9.697	14.52	4.79	1.07	8.84	241.79	0.02	40.08
9.731	14.52	4.79	1.03	8.84	235.54	0.07	40.09
9.76	14.52	4.79	0.99	8.84	231.38	0.08	40.09
9.771	14.52	4.79	1.11	8.85	235.22	0.05	40.09