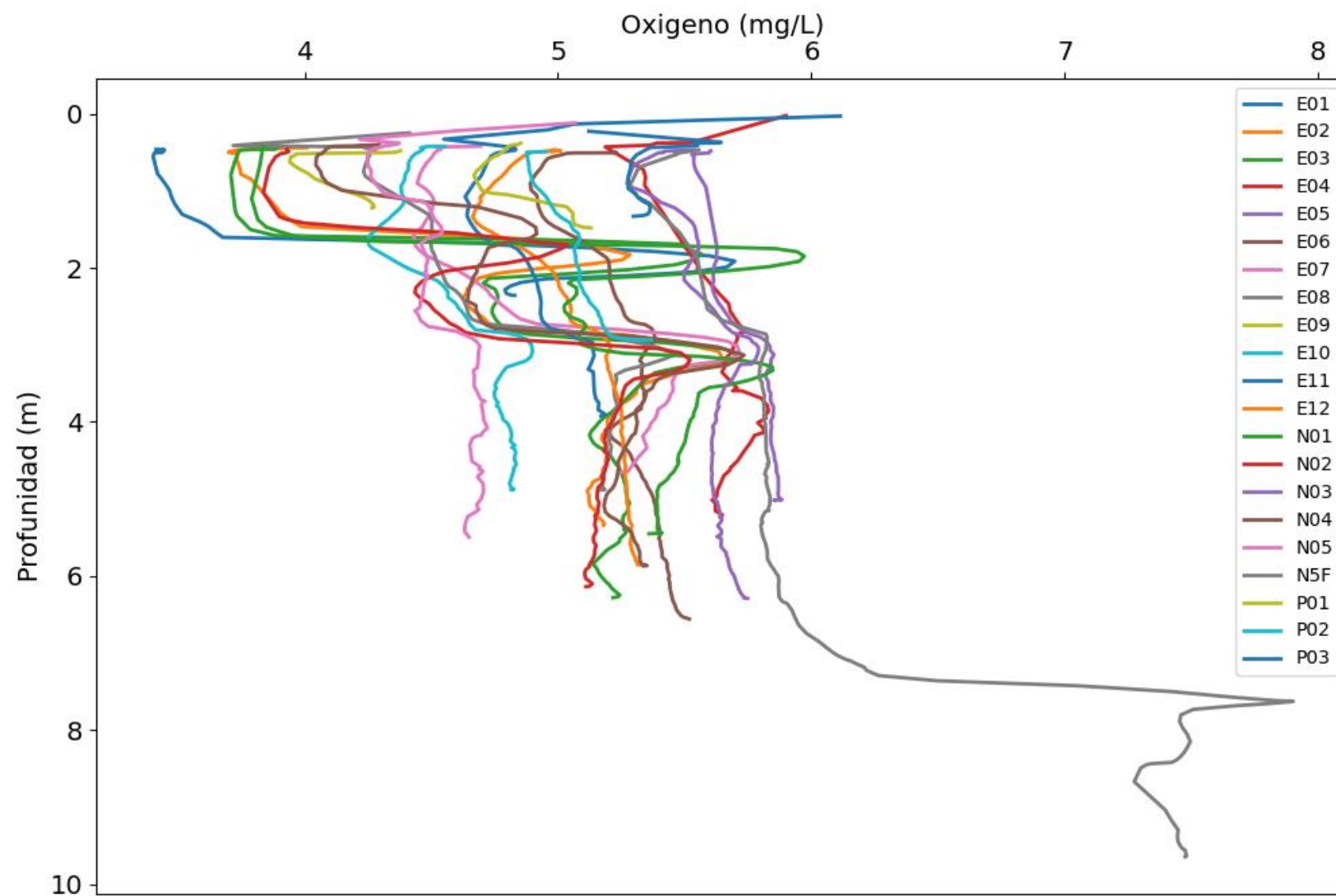
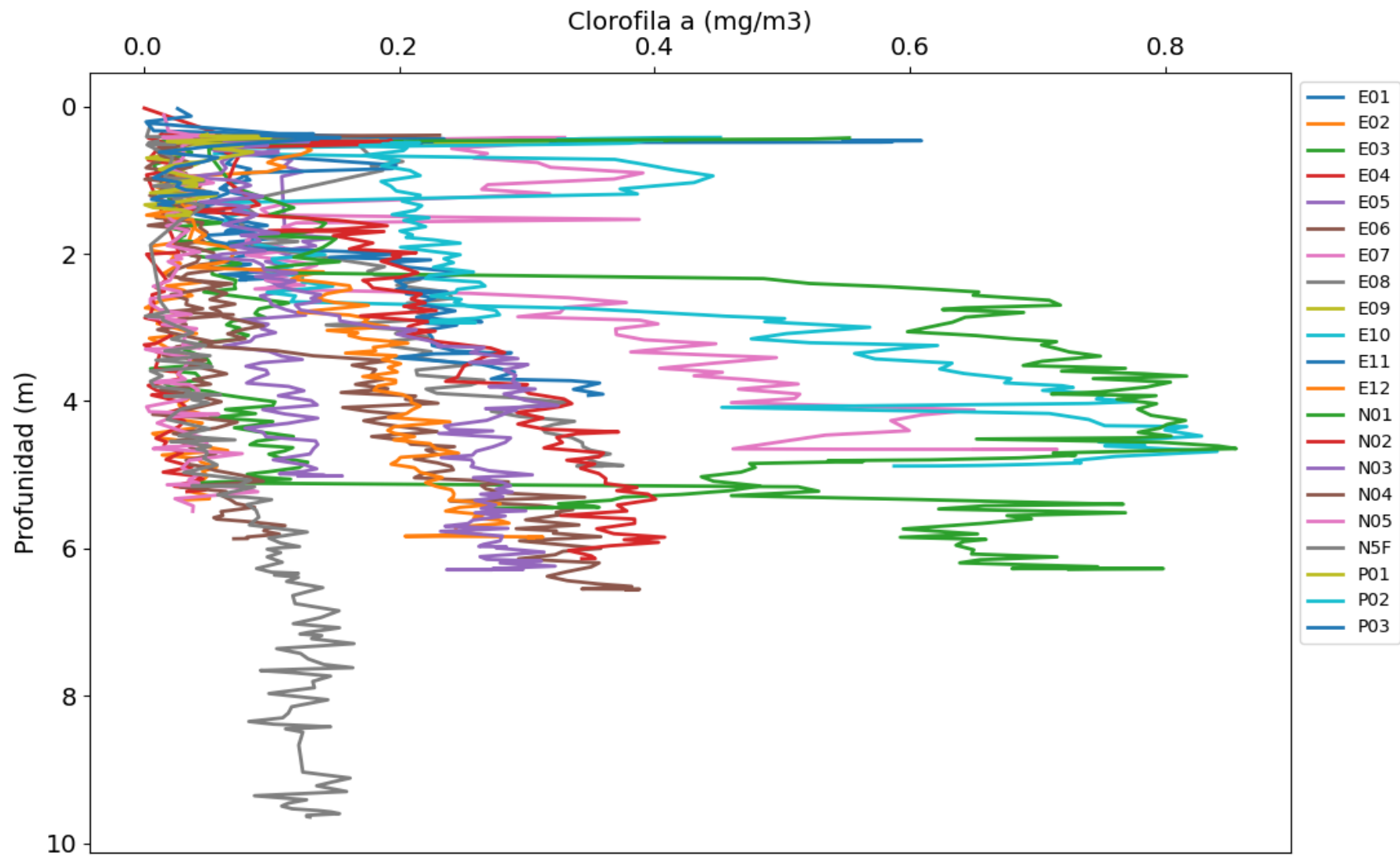
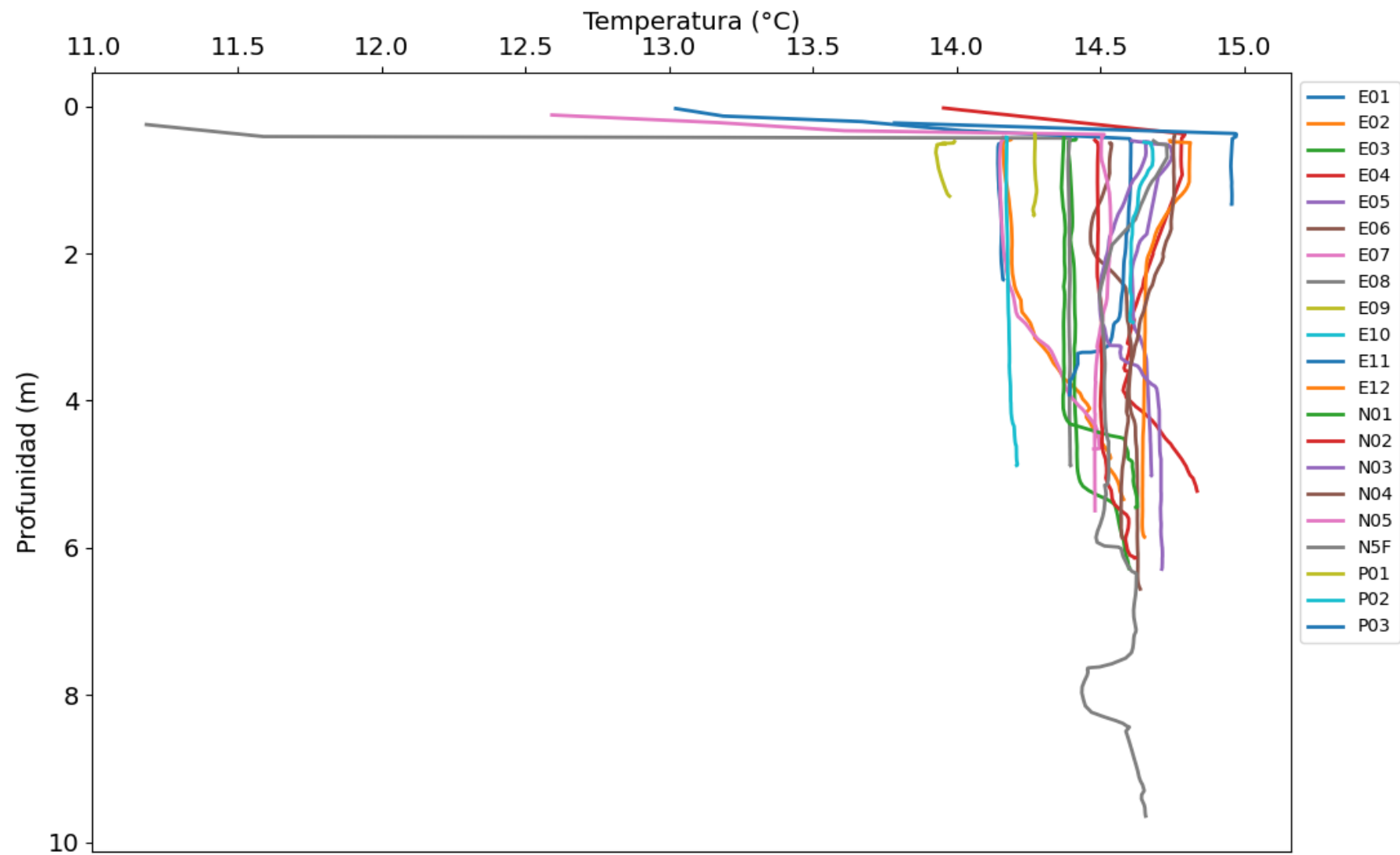
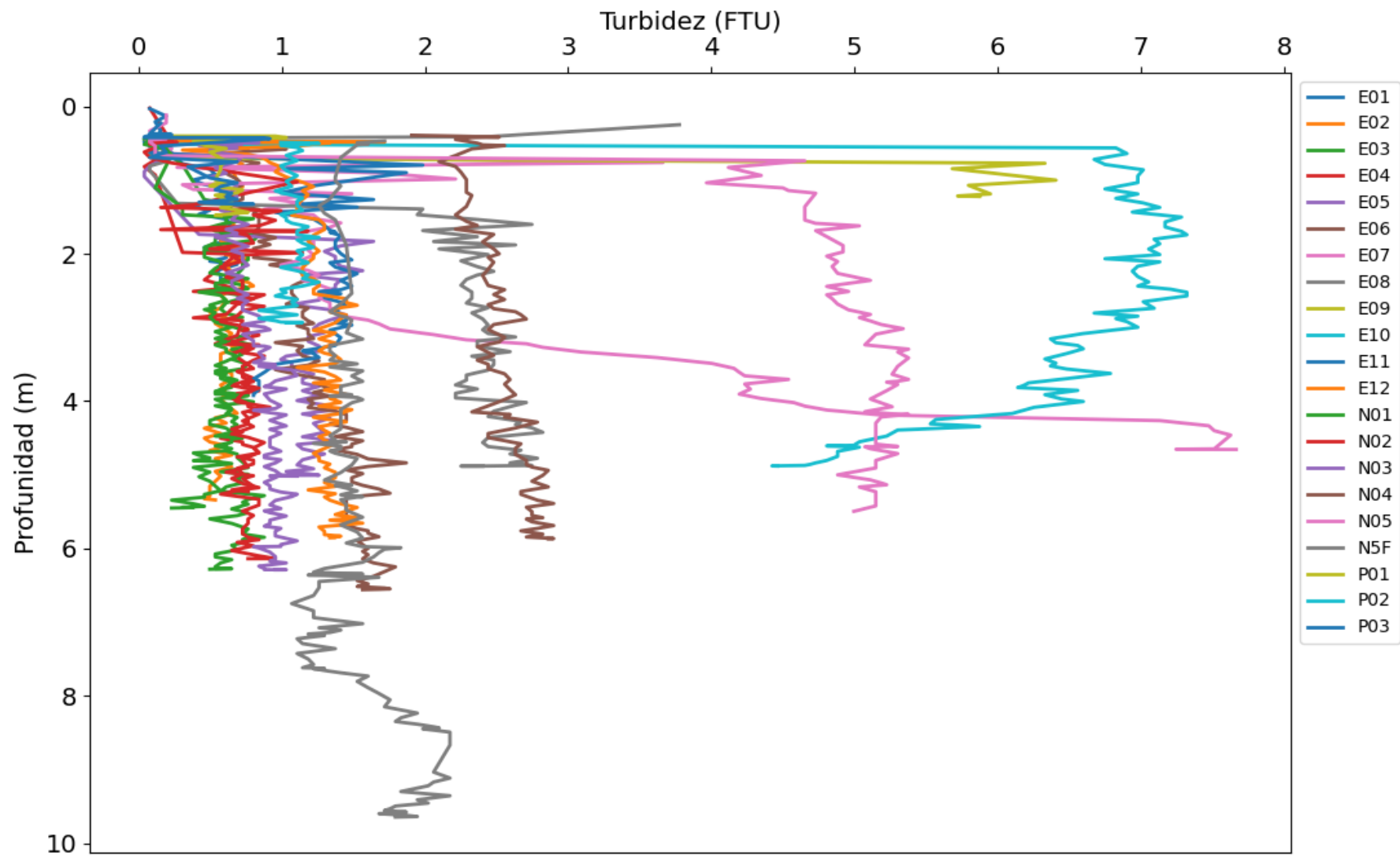
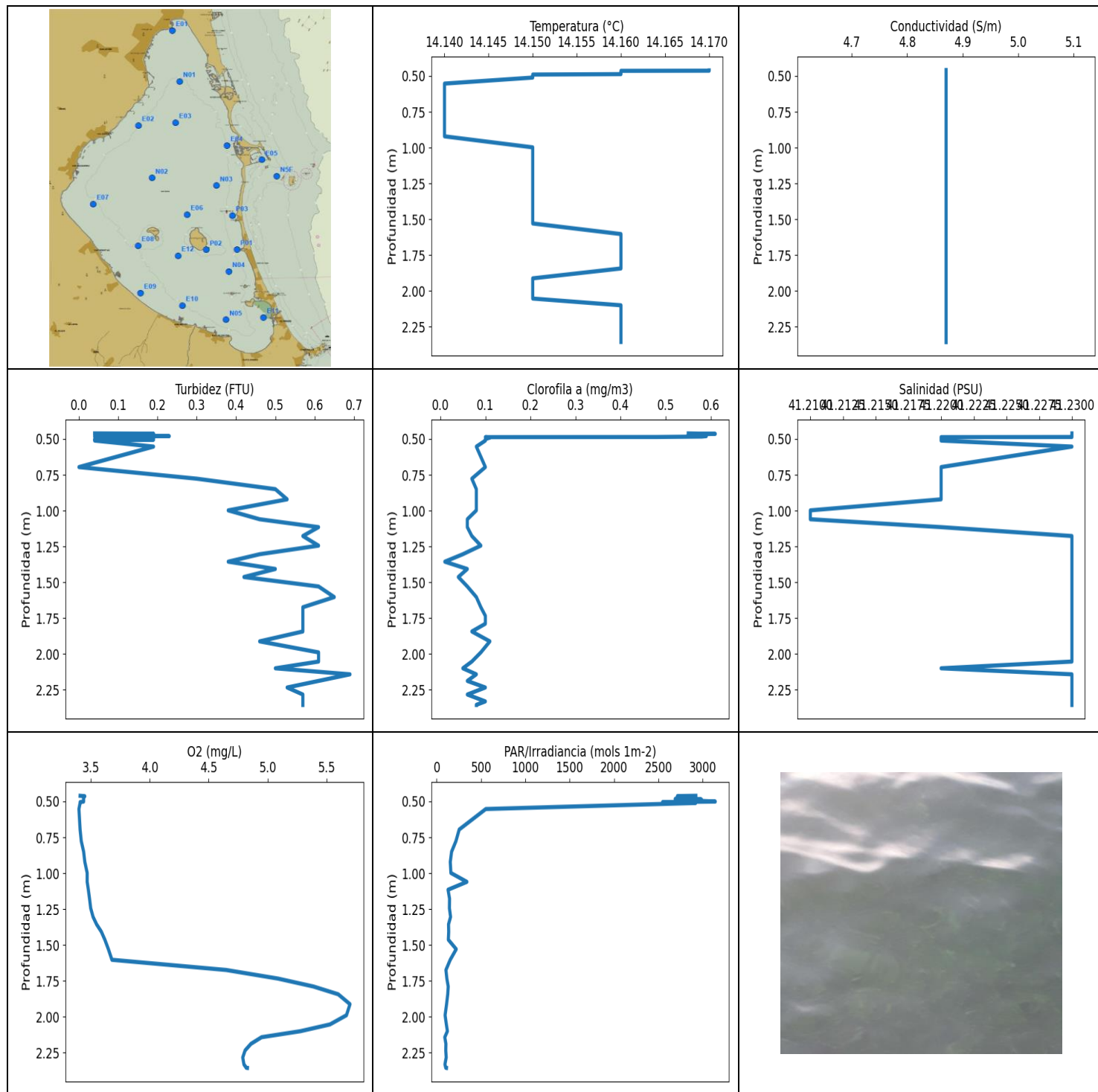












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

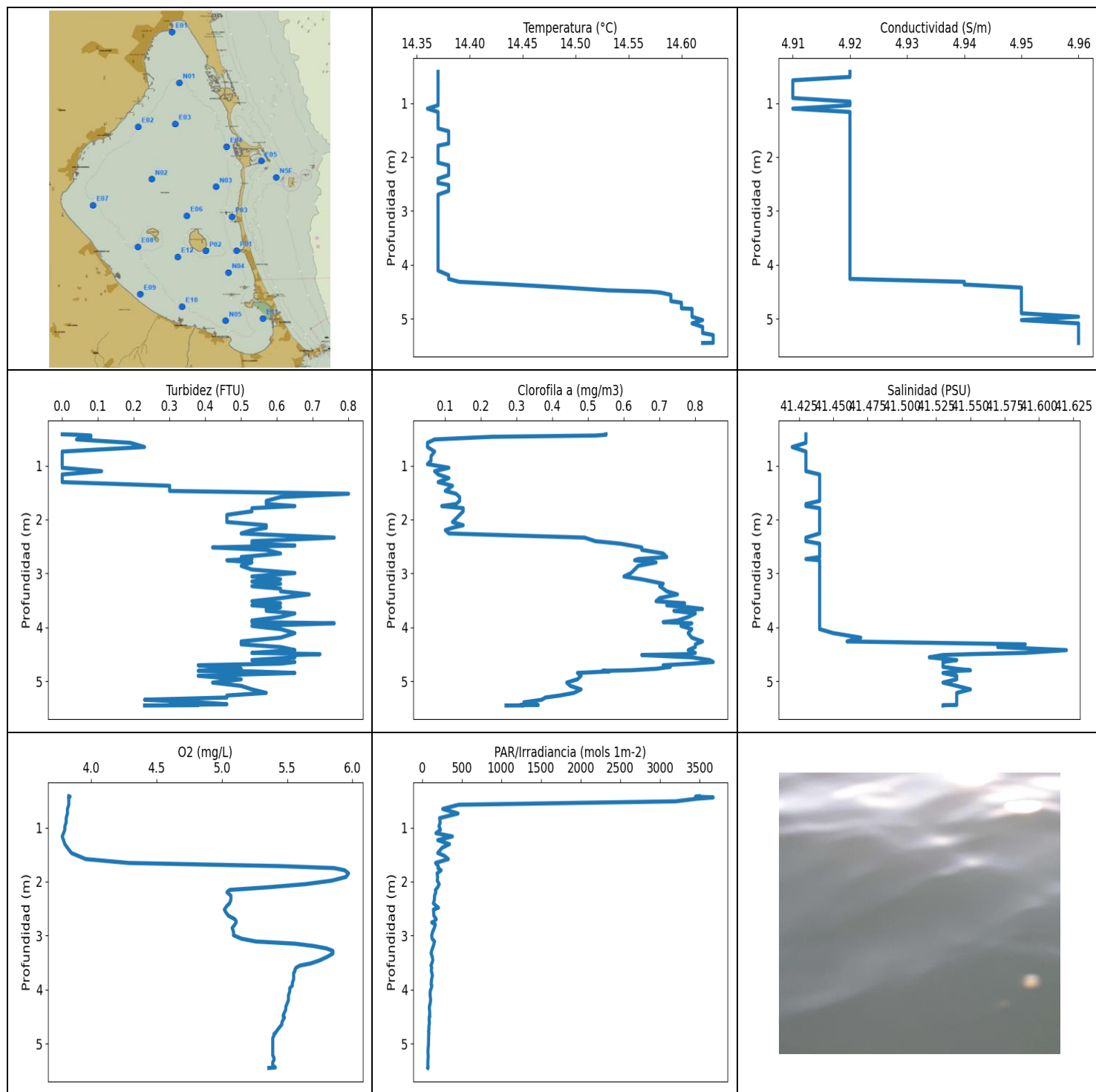
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.14	4.87	0.0	3.4	91.62	0.01	41.21
PROF (metros)	0.553	0.461	0.696	0.553	2.142	1.356	0.998
MÁXIMO	14.17	14.17	0.69	5.7	3142.2	0.61	41.23
PROF (metros)	0.461	0.461	2.142	1.912	0.501	0.464	0.461

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	14.15	4.87	0.2	3.43	2112.71	0.3	41.23
1 - 2m	14.15	4.87	0.54	4.23	148.24	0.07	41.23
2 - 3m	14.16	4.87	0.58	4.96	104.79	0.08	41.23

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.43 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)
0.461	14.17	4.87	0.04	3.41	2923.0	0.55	41.23
0.463	14.17	4.87	0.19	3.44	2715.3	0.58	41.23
0.464	14.16	4.87	0.11	3.45	2875.3	0.61	41.23
0.469	14.16	4.87	0.19	3.44	2849.4	0.55	41.23
0.476	14.16	4.87	0.15	3.44	2773.2	0.56	41.23
0.48	14.16	4.87	0.23	3.44	2700.9	0.59	41.23
0.483	14.16	4.87	0.04	3.44	2689.6	0.58	41.23
0.486	14.16	4.87	0.15	3.44	2985.3	0.48	41.23
0.487	14.16	4.87	0.11	3.44	2908.8	0.1	41.22
0.49	14.15	4.87	0.19	3.44	2745.1	0.11	41.22
0.501	14.15	4.87	0.04	3.44	3142.2	0.1	41.22
0.505	14.15	4.87	0.19	3.41	2547.7	0.1	41.22
0.511	14.15	4.87	0.04	3.41	2919.6	0.1	41.22
0.553	14.14	4.87	0.19	3.4	553.86	0.08	41.23
0.696	14.14	4.87	0.0	3.41	254.09	0.1	41.22
0.777	14.14	4.87	0.3	3.42	217.04	0.07	41.22
0.85	14.14	4.87	0.5	3.44	168.47	0.08	41.22
0.921	14.14	4.87	0.53	3.45	153.59	0.08	41.22
0.998	14.15	4.87	0.38	3.47	160.35	0.08	41.21
1.06	14.15	4.87	0.46	3.47	340.9	0.06	41.21
1.115	14.15	4.87	0.61	3.48	128.39	0.06	41.22
1.177	14.15	4.87	0.57	3.49	145.34	0.07	41.23
1.244	14.15	4.87	0.61	3.5	144.0	0.09	41.23
1.304	14.15	4.87	0.46	3.52	156.83	0.05	41.23
1.356	14.15	4.87	0.38	3.55	133.86	0.01	41.23
1.407	14.15	4.87	0.5	3.59	135.74	0.06	41.23
1.463	14.15	4.87	0.42	3.62	131.74	0.04	41.23
1.529	14.15	4.87	0.61	3.65	220.59	0.06	41.23
1.603	14.16	4.87	0.65	3.68	152.88	0.08	41.23
1.674	14.16	4.87	0.57	4.65	104.49	0.09	41.23
1.734	14.16	4.87	0.57	5.09	115.01	0.1	41.23
1.789	14.16	4.87	0.57	5.39	130.31	0.1	41.23
1.843	14.16	4.87	0.57	5.6	124.93	0.07	41.23
1.912	14.15	4.87	0.46	5.7	111.78	0.11	41.23
1.989	14.15	4.87	0.61	5.67	95.08	0.09	41.23
2.053	14.15	4.87	0.61	5.53	109.34	0.07	41.23
2.1	14.16	4.87	0.5	5.28	121.17	0.05	41.22

2.142	14.16	4.87	0.69	4.95	91.62	0.08	41.23
2.188	14.16	4.87	0.61	4.86	104.1	0.06	41.23
2.234	14.16	4.87	0.53	4.81	102.66	0.1	41.23
2.283	14.16	4.87	0.57	4.79	107.58	0.06	41.23
2.331	14.16	4.87	0.57	4.8	93.33	0.1	41.23
2.355	14.16	4.87	0.57	4.82	102.47	0.08	41.23
2.356	14.16	4.87	0.57	4.83	110.82	0.08	41.23


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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.36	4.91	0.0	3.78	68.77	0.05	41.42
PROF (metros)	1.103	0.577	0.419	1.164	5.448	0.577	0.655
MÁXIMO	14.63	14.63	0.8	5.97	3672.7	0.85	41.62
PROF (metros)	5.303	4.964	1.522	1.848	0.442	4.644	4.423

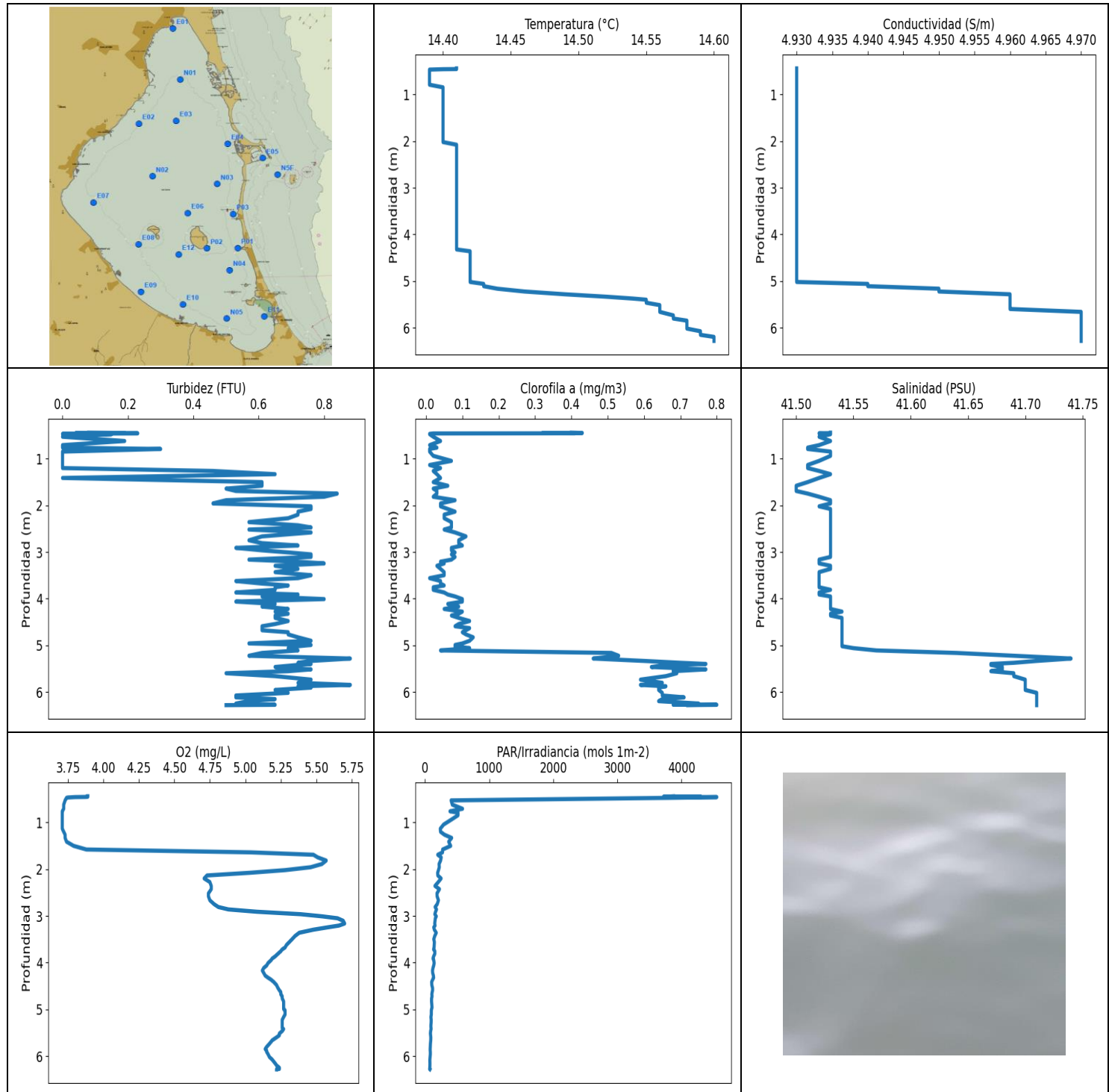
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.37	4.92	0.11	3.83	2418.39	0.25	41.43
1 - 2m	14.37	4.92	0.49	4.88	220.02	0.12	41.44
2 - 3m	14.37	4.92	0.55	5.11	162.22	0.49	41.44
3 - 4m	14.37	4.92	0.59	5.59	126.59	0.73	41.44
4 - 5m	14.53	4.94	0.55	5.45	91.77	0.71	41.53
5 - 6m	14.62	4.96	0.4	5.39	74.77	0.38	41.54

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.83 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)
0.419	14.37	4.92	0.0	3.83	3494.1	0.55	41.43
0.427	14.37	4.92	0.04	3.84	3449.9	0.55	41.43
0.442	14.37	4.92	0.08	3.83	3672.7	0.52	41.43
0.465	14.37	4.92	0.08	3.83	3465.9	0.23	41.43
0.514	14.37	4.92	0.04	3.83	3198.8	0.07	41.43
0.577	14.37	4.91	0.19	3.83	461.83	0.05	41.43
0.655	14.37	4.91	0.23	3.82	261.2	0.05	41.42
0.739	14.37	4.91	0.0	3.82	454.19	0.07	41.43
0.825	14.37	4.91	0.0	3.81	221.31	0.06	41.43
0.906	14.37	4.91	0.0	3.81	229.24	0.06	41.43
0.972	14.37	4.92	0.0	3.8	213.89	0.05	41.43
1.04	14.37	4.92	0.0	3.8	233.05	0.11	41.43
1.103	14.36	4.91	0.11	3.79	176.42	0.07	41.43
1.164	14.37	4.92	0.0	3.78	383.14	0.08	41.44
1.232	14.37	4.92	0.0	3.79	198.24	0.11	41.44
1.306	14.37	4.92	0.0	3.8	346.47	0.08	41.44
1.374	14.37	4.92	0.3	3.82	253.56	0.12	41.44
1.47	14.37	4.92	0.3	3.85	198.01	0.1	41.44
1.522	14.38	4.92	0.8	3.9	281.11	0.13	41.44
1.583	14.38	4.92	0.61	3.96	332.01	0.14	41.44
1.655	14.38	4.92	0.57	4.29	171.03	0.14	41.44
1.713	14.38	4.92	0.57	5.45	206.11	0.13	41.43
1.75	14.38	4.92	0.65	5.86	201.06	0.09	41.43
1.79	14.37	4.92	0.53	5.94	241.23	0.15	41.44
1.848	14.37	4.92	0.53	5.97	189.65	0.15	41.44
1.914	14.37	4.92	0.46	5.95	197.27	0.14	41.44
1.983	14.37	4.92	0.46	5.84	192.8	0.13	41.44
2.047	14.37	4.92	0.46	5.64	216.94	0.12	41.44
2.106	14.37	4.92	0.57	5.35	197.64	0.15	41.44
2.154	14.38	4.92	0.57	5.06	169.09	0.12	41.44
2.197	14.38	4.92	0.53	5.04	174.19	0.1	41.44
2.259	14.38	4.92	0.5	5.07	157.88	0.11	41.44
2.336	14.38	4.92	0.76	5.07	156.61	0.49	41.43
2.402	14.37	4.92	0.53	5.06	143.77	0.52	41.43

2.448	14.37	4.92	0.53	5.04	176.99	0.59	41.44
2.483	14.37	4.92	0.65	5.03	207.88	0.62	41.44
2.518	14.38	4.92	0.42	5.02	144.3	0.65	41.44
2.563	14.38	4.92	0.57	5.03	147.18	0.65	41.44
2.63	14.38	4.92	0.61	5.05	149.51	0.71	41.44
2.697	14.37	4.92	0.5	5.1	179.51	0.72	41.44
2.733	14.37	4.92	0.53	5.11	157.33	0.64	41.43
2.756	14.37	4.92	0.46	5.11	123.38	0.63	41.44
2.796	14.37	4.92	0.53	5.1	168.39	0.69	41.44
2.86	14.37	4.92	0.5	5.08	154.77	0.64	41.44
2.928	14.37	4.92	0.53	5.09	134.11	0.63	41.44
2.993	14.37	4.92	0.65	5.09	122.78	0.62	41.44
3.057	14.37	4.92	0.53	5.15	127.42	0.6	41.44
3.109	14.37	4.92	0.61	5.26	158.14	0.65	41.44
3.15	14.37	4.92	0.53	5.56	150.52	0.68	41.44
3.192	14.37	4.92	0.61	5.7	143.34	0.71	41.44
3.237	14.37	4.92	0.53	5.8	131.41	0.7	41.44
3.283	14.37	4.92	0.61	5.85	121.11	0.71	41.44
3.332	14.37	4.92	0.61	5.85	114.9	0.72	41.44
3.389	14.37	4.92	0.69	5.81	129.41	0.75	41.44
3.458	14.37	4.92	0.61	5.75	136.18	0.7	41.44
3.516	14.37	4.92	0.53	5.68	123.89	0.69	41.44
3.554	14.37	4.92	0.61	5.6	112.43	0.77	41.44
3.592	14.37	4.92	0.53	5.57	122.49	0.72	41.44
3.627	14.37	4.92	0.61	5.56	119.33	0.78	41.44
3.66	14.37	4.92	0.57	5.56	117.08	0.82	41.44
3.694	14.37	4.92	0.57	5.55	125.37	0.74	41.44
3.742	14.37	4.92	0.65	5.55	131.1	0.8	41.44
3.809	14.37	4.92	0.61	5.55	120.41	0.78	41.44
3.874	14.37	4.92	0.53	5.54	117.08	0.75	41.44
3.903	14.37	4.92	0.53	5.54	115.68	0.71	41.44
3.926	14.37	4.92	0.76	5.54	124.5	0.79	41.44
3.974	14.37	4.92	0.53	5.52	116.54	0.76	41.44
4.034	14.37	4.92	0.61	5.52	102.38	0.79	41.44
4.108	14.37	4.92	0.65	5.51	102.54	0.78	41.45
4.192	14.38	4.92	0.61	5.51	108.99	0.79	41.47
4.262	14.38	4.92	0.5	5.5	102.05	0.82	41.46
4.316	14.39	4.94	0.5	5.49	92.47	0.8	41.59
4.366	14.44	4.94	0.61	5.49	93.46	0.8	41.57
4.423	14.49	4.95	0.65	5.48	97.51	0.78	41.62
4.474	14.53	4.95	0.53	5.47	96.21	0.8	41.59
4.498	14.57	4.95	0.72	5.47	98.99	0.78	41.55
4.514	14.58	4.95	0.65	5.48	91.34	0.65	41.53
4.557	14.59	4.95	0.65	5.47	89.96	0.79	41.52
4.608	14.59	4.95	0.53	5.46	93.08	0.84	41.54
4.644	14.59	4.95	0.65	5.46	91.26	0.85	41.53
4.674	14.59	4.95	0.61	5.45	88.32	0.79	41.53
4.704	14.6	4.95	0.38	5.44	85.74	0.71	41.53
4.734	14.6	4.95	0.42	5.43	87.79	0.73	41.53
4.77	14.6	4.95	0.5	5.42	82.93	0.69	41.54
4.797	14.6	4.95	0.42	5.41	84.44	0.62	41.55
4.808	14.6	4.95	0.38	5.41	87.21	0.54	41.54
4.818	14.61	4.95	0.53	5.4	85.88	0.56	41.54
4.847	14.61	4.95	0.65	5.4	83.02	0.47	41.53
4.9	14.61	4.95	0.38	5.39	83.26	0.48	41.54
4.964	14.61	4.96	0.5	5.39	81.95	0.47	41.54
5.026	14.62	4.95	0.42	5.39	81.46	0.44	41.53
5.087	14.61	4.96	0.5	5.39	76.34	0.45	41.54

5.152	14.62	4.96	0.53	5.39	75.08	0.48	41.55
5.217	14.62	4.96	0.57	5.39	77.29	0.46	41.54
5.266	14.62	4.96	0.46	5.4	78.15	0.42	41.54
5.303	14.63	4.96	0.46	5.4	74.63	0.38	41.54
5.344	14.63	4.96	0.23	5.39	74.3	0.37	41.54
5.392	14.63	4.96	0.38	5.39	73.77	0.32	41.54
5.427	14.63	4.96	0.46	5.4	75.6	0.35	41.54
5.441	14.63	4.96	0.3	5.41	72.18	0.36	41.54
5.444	14.63	4.96	0.38	5.4	71.7	0.31	41.53
5.448	14.63	4.96	0.3	5.38	68.77	0.32	41.53
5.451	14.62	4.96	0.23	5.36	72.68	0.27	41.53



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.39	4.93	0.0	3.71	70.54	0.01	41.5
PROF (metros)	0.468	0.442	0.468	0.763	6.274	0.468	1.58
MÁXIMO	14.6	14.6	0.88	5.7	4554.0	0.8	41.74
PROF (metros)	6.196	5.66	5.283	3.163	0.459	6.274	5.283

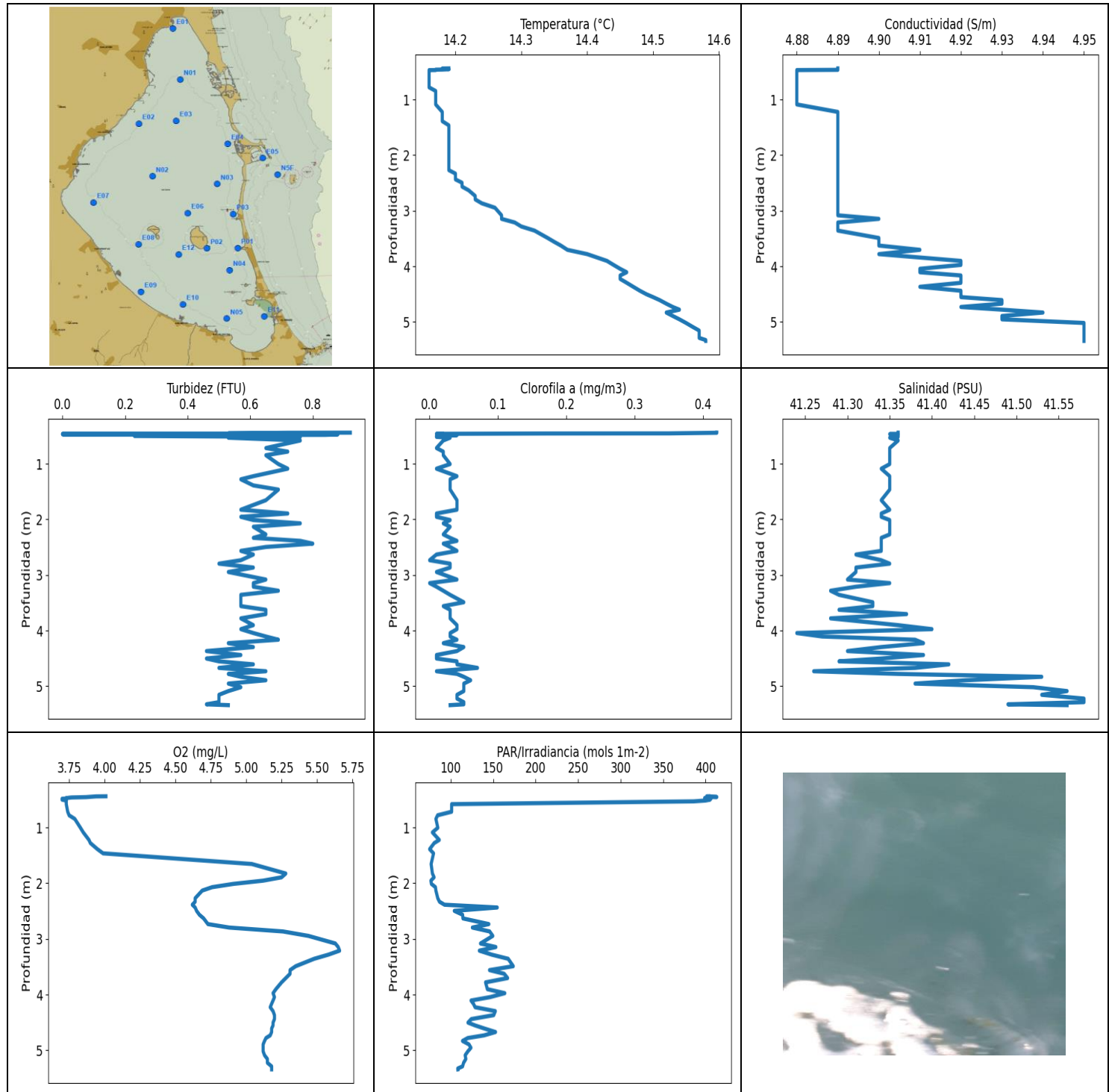
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.4	4.93	0.16	3.83	3307.05	0.24	41.52
1 - 2m	14.4	4.93	0.6	4.77	279.09	0.04	41.51
2 - 3m	14.41	4.93	0.67	4.87	191.31	0.07	41.53
3 - 4m	14.41	4.93	0.67	5.4	146.73	0.05	41.52
4 - 5m	14.42	4.93	0.66	5.21	114.67	0.1	41.54
5 - 6m	14.53	4.96	0.71	5.23	88.37	0.56	41.67
6 - 7m	14.6	4.97	0.58	5.22	73.79	0.7	41.71

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.83 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)
0.442	14.41	4.93	0.08	3.89	3878.2	0.4	41.53
0.449	14.41	4.93	0.19	3.89	3803.5	0.43	41.53
0.451	14.41	4.93	0.04	3.89	3722.4	0.4	41.53
0.452	14.41	4.93	0.15	3.88	4289.6	0.32	41.53
0.455	14.41	4.93	0.11	3.88	4309.6	0.41	41.52
0.456	14.41	4.93	0.23	3.87	3747.5	0.34	41.52
0.459	14.4	4.93	0.15	3.8	4554.0	0.02	41.52
0.468	14.39	4.93	0.0	3.75	4173.9	0.01	41.53
0.475	14.39	4.93	0.15	3.74	3827.3	0.01	41.53
0.53	14.39	4.93	0.0	3.73	406.37	0.02	41.52
0.621	14.39	4.93	0.19	3.72	424.86	0.04	41.53
0.709	14.39	4.93	0.0	3.72	584.6	0.01	41.52
0.763	14.39	4.93	0.0	3.71	388.5	0.03	41.51
0.792	14.39	4.93	0.3	3.71	513.56	0.01	41.51
0.848	14.4	4.93	0.0	3.71	513.32	0.01	41.53
0.939	14.4	4.93	0.0	3.71	411.87	0.02	41.53
1.047	14.4	4.93	0.0	3.71	288.5	0.07	41.52
1.135	14.4	4.93	0.0	3.71	237.3	0.01	41.51
1.201	14.4	4.93	0.0	3.72	241.07	0.04	41.51
1.263	14.4	4.93	0.46	3.73	301.21	0.02	41.52
1.332	14.4	4.93	0.65	3.73	414.46	0.03	41.53
1.413	14.4	4.93	0.0	3.74	368.42	0.04	41.52
1.502	14.4	4.93	0.61	3.79	399.18	0.02	41.51
1.58	14.4	4.93	0.61	3.88	273.72	0.06	41.5
1.641	14.4	4.93	0.5	5.04	272.26	0.02	41.5
1.692	14.4	4.93	0.53	5.48	197.32	0.03	41.5
1.748	14.4	4.93	0.84	5.51	251.51	0.03	41.51
1.816	14.4	4.93	0.8	5.57	241.79	0.02	41.52
1.89	14.4	4.93	0.5	5.54	218.2	0.08	41.53
1.959	14.4	4.93	0.46	5.46	221.26	0.04	41.53
2.021	14.4	4.93	0.76	5.28	208.7	0.04	41.52
2.078	14.41	4.93	0.76	5.03	195.68	0.06	41.53
2.135	14.41	4.93	0.72	4.73	198.6	0.08	41.53

2.199	14.41	4.93	0.72	4.71	249.6	0.05	41.53
2.276	14.41	4.93	0.69	4.75	205.73	0.05	41.53
2.359	14.41	4.93	0.57	4.76	154.05	0.07	41.53
2.427	14.41	4.93	0.72	4.76	223.89	0.07	41.53
2.474	14.41	4.93	0.76	4.75	204.2	0.07	41.53
2.518	14.41	4.93	0.57	4.74	185.91	0.05	41.53
2.581	14.41	4.93	0.76	4.74	187.55	0.08	41.53
2.665	14.41	4.93	0.61	4.75	208.12	0.11	41.53
2.749	14.41	4.93	0.57	4.78	189.08	0.09	41.53
2.81	14.41	4.93	0.61	4.81	156.68	0.09	41.53
2.861	14.41	4.93	0.72	4.88	177.78	0.1	41.53
2.911	14.41	4.93	0.53	5.08	163.32	0.07	41.53
2.964	14.41	4.93	0.61	5.39	152.1	0.07	41.53
3.009	14.41	4.93	0.69	5.54	174.23	0.08	41.53
3.051	14.41	4.93	0.76	5.65	159.76	0.07	41.53
3.105	14.41	4.93	0.76	5.69	155.05	0.08	41.53
3.163	14.41	4.93	0.57	5.7	150.07	0.07	41.52
3.207	14.41	4.93	0.72	5.66	155.16	0.04	41.52
3.245	14.41	4.93	0.8	5.58	134.99	0.05	41.52
3.295	14.41	4.93	0.65	5.48	144.81	0.03	41.53
3.361	14.41	4.93	0.72	5.38	173.82	0.04	41.53
3.431	14.41	4.93	0.65	5.35	150.17	0.05	41.52
3.497	14.41	4.93	0.76	5.33	135.71	0.05	41.52
3.56	14.41	4.93	0.72	5.31	144.77	0.01	41.52
3.622	14.41	4.93	0.53	5.29	142.25	0.04	41.52
3.676	14.41	4.93	0.61	5.28	139.79	0.04	41.52
3.717	14.41	4.93	0.69	5.26	132.63	0.05	41.52
3.755	14.41	4.93	0.65	5.25	151.43	0.02	41.52
3.81	14.41	4.93	0.65	5.23	151.75	0.02	41.53
3.867	14.41	4.93	0.53	5.21	132.69	0.05	41.52
3.911	14.41	4.93	0.72	5.19	123.38	0.06	41.52
3.952	14.41	4.93	0.61	5.18	135.42	0.08	41.53
4.009	14.41	4.93	0.8	5.16	141.39	0.1	41.53
4.062	14.41	4.93	0.53	5.15	134.27	0.1	41.53
4.113	14.41	4.93	0.65	5.13	123.29	0.06	41.53
4.169	14.41	4.93	0.61	5.12	115.7	0.09	41.53
4.221	14.41	4.93	0.69	5.13	118.42	0.05	41.53
4.277	14.41	4.93	0.65	5.14	129.5	0.1	41.54
4.322	14.41	4.93	0.69	5.16	133.09	0.09	41.53
4.361	14.42	4.93	0.65	5.18	118.89	0.07	41.53
4.412	14.42	4.93	0.65	5.2	102.4	0.09	41.54
4.479	14.42	4.93	0.69	5.22	104.56	0.12	41.54
4.543	14.42	4.93	0.65	5.23	116.35	0.09	41.54
4.591	14.42	4.93	0.61	5.24	116.89	0.08	41.54
4.631	14.42	4.93	0.61	5.25	110.08	0.12	41.54
4.677	14.42	4.93	0.61	5.25	105.02	0.11	41.54
4.719	14.42	4.93	0.69	5.26	108.36	0.1	41.54
4.766	14.42	4.93	0.69	5.26	101.06	0.11	41.54
4.828	14.42	4.93	0.72	5.27	100.45	0.13	41.54
4.902	14.42	4.93	0.76	5.27	104.73	0.12	41.54
4.959	14.42	4.93	0.57	5.27	108.01	0.1	41.54
4.992	14.42	4.93	0.76	5.27	101.03	0.08	41.54
5.019	14.42	4.93	0.72	5.28	97.51	0.08	41.54
5.06	14.43	4.94	0.69	5.28	97.02	0.12	41.55
5.109	14.43	4.94	0.72	5.28	97.15	0.04	41.57
5.163	14.44	4.95	0.61	5.27	90.86	0.51	41.64
5.223	14.46	4.95	0.57	5.26	94.99	0.53	41.69
5.283	14.49	4.96	0.88	5.26	94.01	0.46	41.74

5.334	14.52	4.96	0.76	5.26	90.75	0.6	41.71
5.374	14.54	4.96	0.72	5.26	90.27	0.7	41.69
5.399	14.55	4.96	0.76	5.26	92.82	0.77	41.67
5.42	14.55	4.96	0.72	5.27	93.12	0.66	41.67
5.464	14.55	4.96	0.65	5.26	86.34	0.62	41.68
5.515	14.56	4.96	0.76	5.24	82.87	0.77	41.68
5.554	14.56	4.96	0.69	5.24	85.94	0.68	41.67
5.598	14.56	4.96	0.5	5.22	88.9	0.69	41.69
5.66	14.56	4.97	0.65	5.19	87.94	0.66	41.69
5.735	14.57	4.97	0.76	5.17	82.91	0.59	41.7
5.803	14.57	4.97	0.72	5.15	80.86	0.65	41.7
5.848	14.58	4.97	0.88	5.14	79.17	0.59	41.7
5.877	14.58	4.97	0.72	5.15	79.36	0.66	41.7
5.906	14.58	4.97	0.76	5.15	81.22	0.64	41.7
5.956	14.58	4.97	0.65	5.16	81.69	0.64	41.7
6.018	14.58	4.97	0.69	5.17	77.74	0.65	41.71
6.075	14.59	4.97	0.53	5.19	74.11	0.65	41.71
6.115	14.59	4.97	0.53	5.2	74.22	0.71	41.71
6.152	14.59	4.97	0.65	5.21	75.22	0.65	41.71
6.196	14.6	4.97	0.57	5.22	74.85	0.64	41.71
6.248	14.6	4.97	0.53	5.24	73.43	0.75	41.71
6.273	14.6	4.97	0.53	5.24	70.82	0.68	41.71
6.274	14.6	4.97	0.65	5.23	70.54	0.8	41.71
6.278	14.6	4.97	0.57	5.22	71.76	0.75	41.71
6.282	14.6	4.97	0.5	5.22	75.17	0.72	41.71



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

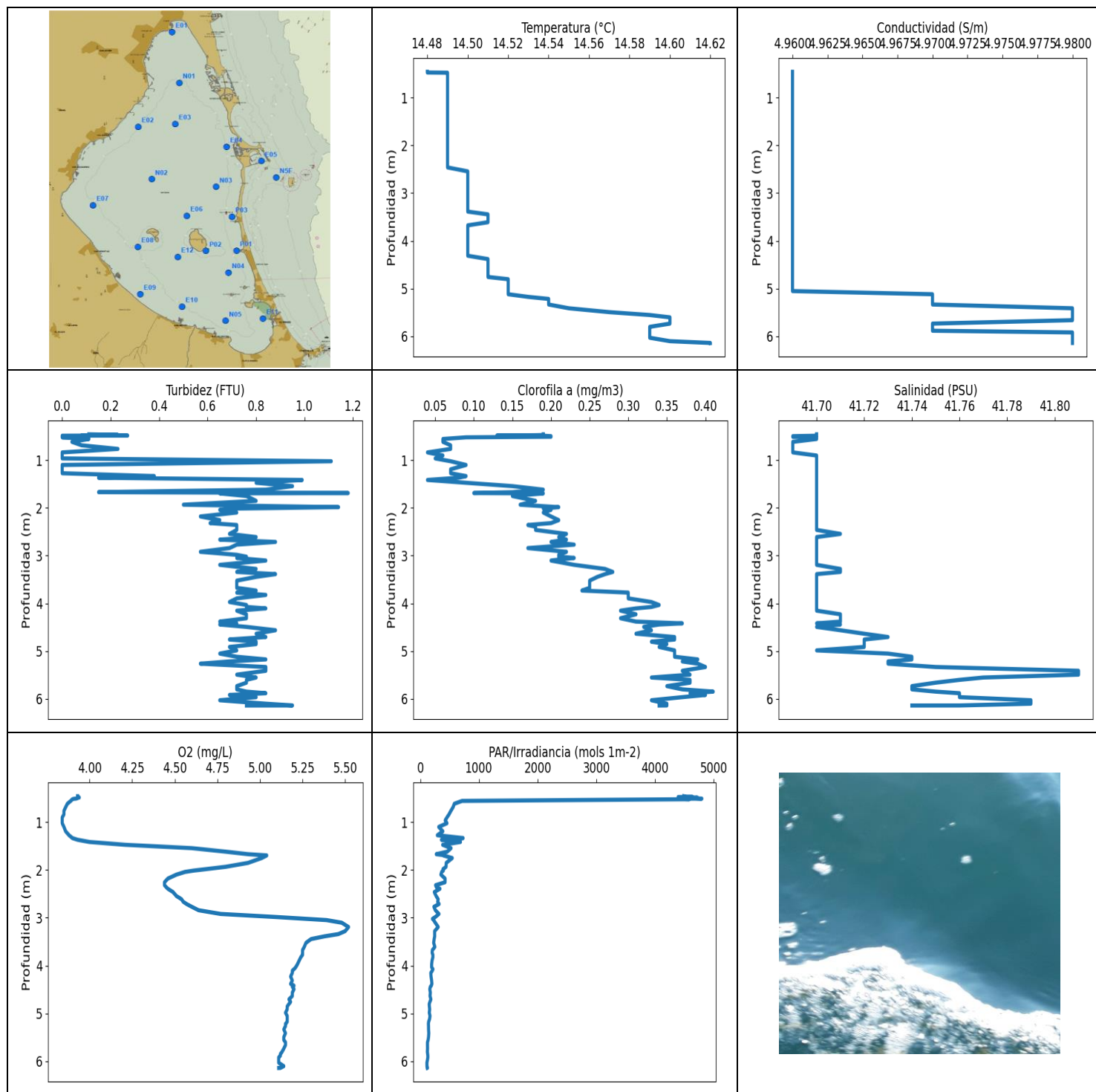
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.16	4.88	0.0	3.7	75.22	0.0	41.24
PROF (metros)	0.471	0.47	0.461	0.485	1.389	2.734	4.044
MÁXIMO	14.58	14.58	0.92	5.66	413.21	0.42	41.58
PROF (metros)	5.326	5.018	0.44	3.211	0.453	0.44	5.223

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	14.17	4.89	0.63	3.78	324.22	0.1	41.36
1 - 2m	14.18	4.89	0.64	4.41	79.83	0.03	41.35
2 - 3m	14.21	4.89	0.63	4.8	111.41	0.02	41.34
3 - 4m	14.35	4.9	0.61	5.41	152.96	0.03	41.32
4 - 5m	14.49	4.92	0.57	5.17	132.1	0.04	41.36
5 - 6m	14.57	4.95	0.51	5.16	114.44	0.04	41.54

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

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.44	14.19	4.89	0.92	4.01	403.93	0.42	41.36
0.442	14.18	4.89	0.72	3.94	401.22	0.42	41.36
0.453	14.19	4.89	0.53	3.88	413.21	0.35	41.36
0.455	14.19	4.89	0.8	3.87	401.87	0.17	41.36
0.461	14.18	4.89	0.0	3.77	403.65	0.01	41.36
0.463	14.17	4.89	0.38	3.76	401.5	0.02	41.36
0.466	14.17	4.89	0.5	3.75	400.29	0.02	41.35
0.47	14.17	4.88	0.0	3.74	400.2	0.02	41.36
0.471	14.16	4.88	0.88	3.73	398.91	0.02	41.36
0.48	14.16	4.88	0.84	3.73	406.28	0.02	41.36
0.485	14.16	4.88	0.23	3.7	399.55	0.04	41.36
0.5	14.16	4.88	0.23	3.7	405.34	0.01	41.36
0.516	14.16	4.88	0.76	3.73	400.02	0.01	41.36
0.531	14.16	4.88	0.53	3.73	385.9	0.03	41.35
0.581	14.16	4.88	0.76	3.73	101.13	0.02	41.36
0.717	14.16	4.88	0.65	3.74	101.13	0.01	41.35
0.781	14.16	4.88	0.72	3.75	84.62	0.02	41.35
0.846	14.17	4.88	0.65	3.79	82.6	0.02	41.35
1.005	14.17	4.88	0.69	3.83	84.87	0.03	41.35
1.088	14.17	4.88	0.72	3.85	78.48	0.01	41.34
1.223	14.18	4.89	0.61	3.89	86.58	0.04	41.35
1.279	14.18	4.89	0.57	3.9	80.64	0.03	41.35
1.389	14.18	4.89	0.61	3.95	75.22	0.03	41.35
1.464	14.19	4.89	0.69	3.99	79.84	0.03	41.35
1.655	14.19	4.89	0.65	5.04	77.0	0.04	41.34
1.826	14.19	4.89	0.57	5.28	78.51	0.04	41.35
1.894	14.19	4.89	0.72	5.25	80.47	0.01	41.34
1.954	14.19	4.89	0.57	5.12	76.73	0.01	41.34
2.012	14.19	4.89	0.61	4.91	77.32	0.03	41.35
2.071	14.19	4.89	0.76	4.76	82.07	0.02	41.35
2.132	14.19	4.89	0.61	4.69	82.58	0.03	41.35
2.27	14.19	4.89	0.65	4.64	84.83	0.02	41.35
2.332	14.2	4.89	0.61	4.64	86.82	0.03	41.34
2.386	14.2	4.89	0.76	4.62	92.71	0.04	41.34

2.436	14.2	4.89	0.8	4.64	154.8	0.02	41.34
2.496	14.21	4.89	0.65	4.65	104.24	0.03	41.34
2.566	14.21	4.89	0.57	4.67	114.05	0.04	41.34
2.632	14.22	4.89	0.61	4.7	114.45	0.01	41.31
2.734	14.23	4.89	0.57	4.73	144.94	0.0	41.34
2.796	14.23	4.89	0.5	4.88	125.51	0.03	41.35
2.866	14.24	4.89	0.61	5.26	145.88	0.03	41.31
2.946	14.26	4.89	0.53	5.44	149.58	0.01	41.31
3.082	14.27	4.89	0.65	5.63	135.08	0.04	41.3
3.146	14.27	4.9	0.61	5.65	153.2	0.0	41.35
3.211	14.29	4.89	0.61	5.66	133.71	0.01	41.31
3.283	14.3	4.89	0.69	5.58	148.44	0.02	41.28
3.357	14.32	4.89	0.57	5.48	167.69	0.03	41.29
3.49	14.34	4.9	0.57	5.35	173.66	0.05	41.33
3.56	14.35	4.9	0.57	5.31	145.68	0.02	41.33
3.626	14.36	4.9	0.65	5.31	163.01	0.03	41.29
3.703	14.37	4.91	0.65	5.28	167.03	0.03	41.37
3.78	14.4	4.9	0.57	5.25	141.06	0.03	41.28
3.902	14.43	4.92	0.61	5.21	143.2	0.04	41.36
3.974	14.44	4.92	0.57	5.19	163.73	0.04	41.4
4.044	14.45	4.91	0.61	5.2	146.56	0.03	41.24
4.106	14.46	4.91	0.65	5.19	123.95	0.03	41.27
4.164	14.45	4.92	0.69	5.18	126.77	0.04	41.38
4.226	14.45	4.92	0.53	5.17	128.78	0.02	41.39
4.296	14.46	4.92	0.61	5.19	152.56	0.05	41.34
4.368	14.47	4.91	0.46	5.2	150.66	0.04	41.3
4.439	14.48	4.92	0.57	5.2	124.21	0.01	41.39
4.502	14.49	4.92	0.46	5.19	120.35	0.01	41.34
4.553	14.5	4.92	0.5	5.19	128.84	0.04	41.29
4.607	14.51	4.93	0.61	5.18	139.47	0.04	41.42
4.671	14.52	4.93	0.5	5.18	152.81	0.07	41.38
4.731	14.53	4.92	0.65	5.17	139.28	0.01	41.26
4.779	14.54	4.93	0.53	5.14	120.08	0.04	41.36
4.831	14.52	4.94	0.57	5.13	113.92	0.05	41.53
4.893	14.53	4.93	0.65	5.12	121.5	0.06	41.44
4.953	14.54	4.93	0.53	5.12	123.86	0.05	41.38
5.018	14.55	4.95	0.57	5.12	120.22	0.05	41.52
5.088	14.56	4.95	0.53	5.13	117.05	0.05	41.56
5.155	14.57	4.95	0.5	5.15	117.84	0.04	41.53
5.223	14.57	4.95	0.5	5.15	115.2	0.04	41.58
5.287	14.57	4.95	0.5	5.18	114.0	0.05	41.58
5.326	14.58	4.95	0.46	5.18	108.33	0.05	41.49
5.341	14.58	4.95	0.53	5.18	108.43	0.03	41.56



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.48	4.96	0.0	3.84	112.69	0.04	41.69
PROF (metros)	0.46	0.46	0.49	0.904	6.028	0.839	0.499
MÁXIMO	14.62	14.62	1.18	5.52	4800.0	0.41	41.81
PROF (metros)	6.137	5.411	1.69	3.193	0.511	5.847	5.411

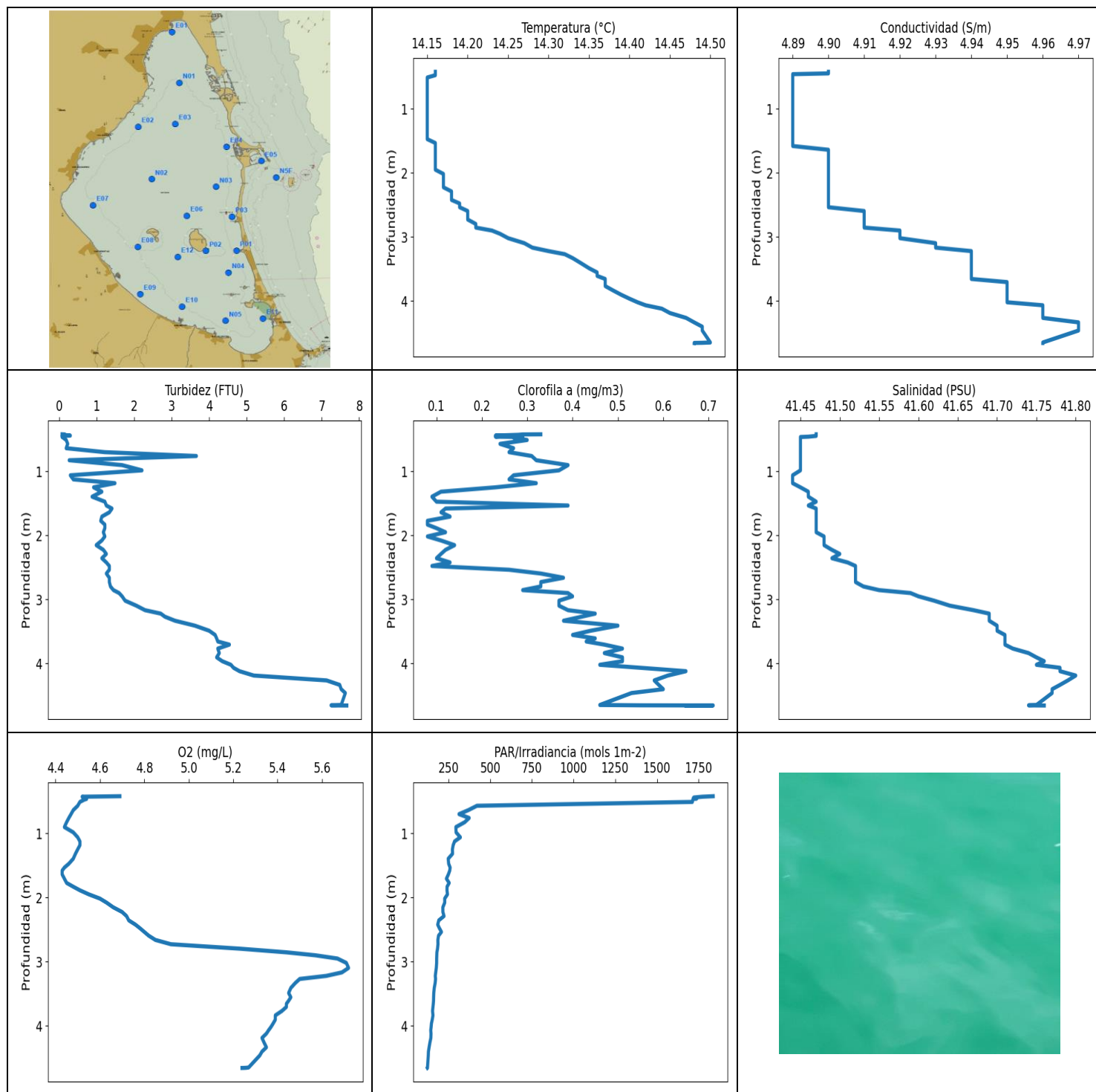
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.49	4.96	0.13	3.91	3441.16	0.14	41.7
1 - 2m	14.49	4.96	0.74	4.55	462.23	0.13	41.7
2 - 3m	14.5	4.96	0.7	4.57	312.5	0.2	41.7
3 - 4m	14.5	4.96	0.76	5.33	229.24	0.26	41.7
4 - 5m	14.51	4.96	0.76	5.18	176.86	0.33	41.71
5 - 6m	14.57	4.97	0.75	5.14	134.89	0.38	41.75
6 - 7m	14.61	4.98	0.8	5.12	116.93	0.34	41.77

OBSERVACIONES GENERALES
HIPOXIA en la(s) columna(s) de agua 0 - 1m con los valores 3.91 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)
0.46	14.48	4.96	0.11	3.93	4491.1	0.19	41.7
0.473	14.48	4.96	0.23	3.93	4540.3	0.19	41.7
0.475	14.48	4.96	0.11	3.93	4641.4	0.19	41.7
0.479	14.49	4.96	0.11	3.93	4395.3	0.18	41.7
0.482	14.49	4.96	0.11	3.93	4615.6	0.16	41.7
0.483	14.49	4.96	0.08	3.93	4640.3	0.13	41.7
0.486	14.49	4.96	0.27	3.94	4639.2	0.14	41.7
0.487	14.49	4.96	0.11	3.94	4625.3	0.18	41.7
0.49	14.49	4.96	0.0	3.93	4723.8	0.19	41.7
0.499	14.49	4.96	0.0	3.93	4644.6	0.2	41.69
0.511	14.49	4.96	0.08	3.92	4800.0	0.2	41.69
0.513	14.49	4.96	0.11	3.91	4416.8	0.18	41.69
0.523	14.49	4.96	0.0	3.9	4585.8	0.09	41.7
0.558	14.49	4.96	0.11	3.89	711.9	0.06	41.7
0.618	14.49	4.96	0.04	3.87	579.74	0.06	41.69
0.69	14.49	4.96	0.08	3.86	558.37	0.07	41.69
0.766	14.49	4.96	0.23	3.85	520.99	0.07	41.69
0.839	14.49	4.96	0.0	3.85	489.27	0.04	41.69
0.904	14.49	4.96	0.0	3.84	454.3	0.06	41.7
0.965	14.49	4.96	0.0	3.84	424.17	0.05	41.7
1.024	14.49	4.96	1.11	3.84	454.4	0.07	41.7
1.102	14.49	4.96	0.0	3.85	313.75	0.09	41.7
1.193	14.49	4.96	0.0	3.86	384.12	0.07	41.7
1.275	14.49	4.96	0.0	3.88	290.51	0.07	41.7
1.335	14.49	4.96	0.38	3.9	729.6	0.09	41.7
1.37	14.49	4.96	0.15	3.93	359.48	0.08	41.7
1.416	14.49	4.96	0.99	4.0	685.03	0.04	41.7
1.475	14.49	4.96	0.8	4.21	381.01	0.09	41.7
1.545	14.49	4.96	0.95	4.6	524.02	0.15	41.7
1.619	14.49	4.96	0.84	4.8	458.95	0.19	41.7
1.671	14.49	4.96	0.15	4.93	271.82	0.15	41.7
1.69	14.49	4.96	1.18	5.01	400.39	0.1	41.7
1.697	14.49	4.96	0.65	5.04	394.86	0.19	41.7

1.752	14.49	4.96	0.76	5.01	544.57	0.15	41.7
1.853	14.49	4.96	0.8	4.93	441.94	0.18	41.7
1.934	14.49	4.96	0.5	4.8	439.08	0.16	41.7
1.985	14.49	4.96	1.14	4.68	386.08	0.21	41.7
2.014	14.49	4.96	0.72	4.61	392.85	0.19	41.7
2.042	14.49	4.96	0.65	4.56	364.43	0.2	41.7
2.098	14.49	4.96	0.72	4.51	350.92	0.19	41.7
2.18	14.49	4.96	0.57	4.46	422.21	0.2	41.7
2.257	14.49	4.96	0.65	4.44	421.63	0.21	41.7
2.319	14.49	4.96	0.61	4.44	260.35	0.2	41.7
2.359	14.49	4.96	0.72	4.45	273.4	0.17	41.7
2.394	14.49	4.96	0.72	4.46	334.56	0.18	41.7
2.462	14.49	4.96	0.72	4.49	238.68	0.18	41.7
2.545	14.5	4.96	0.69	4.51	269.81	0.22	41.71
2.612	14.5	4.96	0.8	4.54	304.37	0.21	41.7
2.665	14.5	4.96	0.65	4.55	296.5	0.22	41.7
2.713	14.5	4.96	0.88	4.57	319.77	0.2	41.7
2.77	14.5	4.96	0.72	4.6	231.7	0.23	41.7
2.842	14.5	4.96	0.69	4.64	257.05	0.17	41.7
2.92	14.5	4.96	0.57	4.77	317.7	0.22	41.7
2.983	14.5	4.96	0.72	5.09	256.64	0.21	41.7
3.022	14.5	4.96	0.76	5.27	207.06	0.21	41.7
3.048	14.5	4.96	0.72	5.39	226.92	0.23	41.7
3.103	14.5	4.96	0.84	5.48	255.15	0.2	41.7
3.193	14.5	4.96	0.65	5.52	304.93	0.23	41.7
3.279	14.5	4.96	0.8	5.5	244.33	0.27	41.71
3.341	14.5	4.96	0.72	5.46	244.73	0.28	41.71
3.387	14.5	4.96	0.88	5.38	245.18	0.27	41.7
3.445	14.51	4.96	0.8	5.3	235.87	0.26	41.7
3.524	14.51	4.96	0.72	5.27	227.6	0.25	41.7
3.609	14.51	4.96	0.72	5.26	248.04	0.25	41.7
3.675	14.5	4.96	0.72	5.25	205.63	0.25	41.7
3.731	14.5	4.96	0.8	5.25	201.43	0.24	41.7
3.774	14.5	4.96	0.72	5.25	213.84	0.3	41.7
3.823	14.5	4.96	0.84	5.24	214.09	0.3	41.7
3.895	14.5	4.96	0.72	5.23	199.94	0.3	41.7
3.971	14.5	4.96	0.69	5.22	193.16	0.33	41.7
4.033	14.5	4.96	0.76	5.21	192.93	0.34	41.7
4.074	14.5	4.96	0.76	5.2	215.04	0.33	41.7
4.105	14.5	4.96	0.84	5.19	204.73	0.31	41.7
4.152	14.5	4.96	0.72	5.19	179.06	0.29	41.7
4.228	14.5	4.96	0.76	5.18	183.21	0.31	41.71
4.311	14.5	4.96	0.76	5.19	192.66	0.29	41.71
4.381	14.51	4.96	0.65	5.18	197.73	0.31	41.71
4.418	14.51	4.96	0.72	5.2	187.6	0.37	41.7
4.442	14.51	4.96	0.65	5.19	170.39	0.34	41.71
4.492	14.51	4.96	0.76	5.2	161.4	0.32	41.7
4.562	14.51	4.96	0.88	5.19	170.75	0.33	41.71
4.635	14.51	4.96	0.8	5.19	165.41	0.31	41.72
4.704	14.51	4.96	0.84	5.17	180.22	0.36	41.73
4.756	14.51	4.96	0.69	5.18	163.62	0.36	41.72
4.802	14.52	4.96	0.8	5.17	151.89	0.33	41.72
4.852	14.52	4.96	0.8	5.16	154.41	0.35	41.72
4.912	14.52	4.96	0.69	5.16	159.39	0.34	41.72
4.984	14.52	4.96	0.72	5.15	152.98	0.36	41.7
5.051	14.52	4.96	0.65	5.16	164.88	0.36	41.73
5.117	14.52	4.97	0.72	5.16	157.3	0.36	41.74
5.173	14.53	4.97	0.84	5.16	141.85	0.39	41.74

5.215	14.54	4.97	0.69	5.15	138.31	0.37	41.73
5.262	14.54	4.97	0.57	5.15	140.12	0.39	41.73
5.332	14.54	4.97	0.84	5.14	140.7	0.4	41.75
5.411	14.55	4.98	0.84	5.15	144.51	0.37	41.81
5.492	14.57	4.98	0.72	5.14	140.61	0.38	41.81
5.552	14.59	4.98	0.8	5.14	133.43	0.33	41.77
5.601	14.6	4.98	0.76	5.15	122.18	0.38	41.76
5.66	14.6	4.98	0.76	5.15	122.15	0.38	41.75
5.732	14.6	4.97	0.72	5.14	122.98	0.35	41.74
5.8	14.59	4.97	0.72	5.13	120.1	0.37	41.74
5.847	14.59	4.97	0.76	5.12	124.99	0.41	41.75
5.881	14.59	4.97	0.84	5.12	128.01	0.38	41.76
5.917	14.59	4.98	0.69	5.11	128.51	0.4	41.76
5.963	14.59	4.98	0.8	5.11	122.49	0.37	41.76
6.028	14.59	4.98	0.65	5.11	112.69	0.33	41.79
6.1	14.6	4.98	0.84	5.14	113.79	0.35	41.79
6.137	14.62	4.98	0.95	5.12	122.01	0.35	41.76
6.138	14.62	4.98	0.76	5.11	119.22	0.34	41.74



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

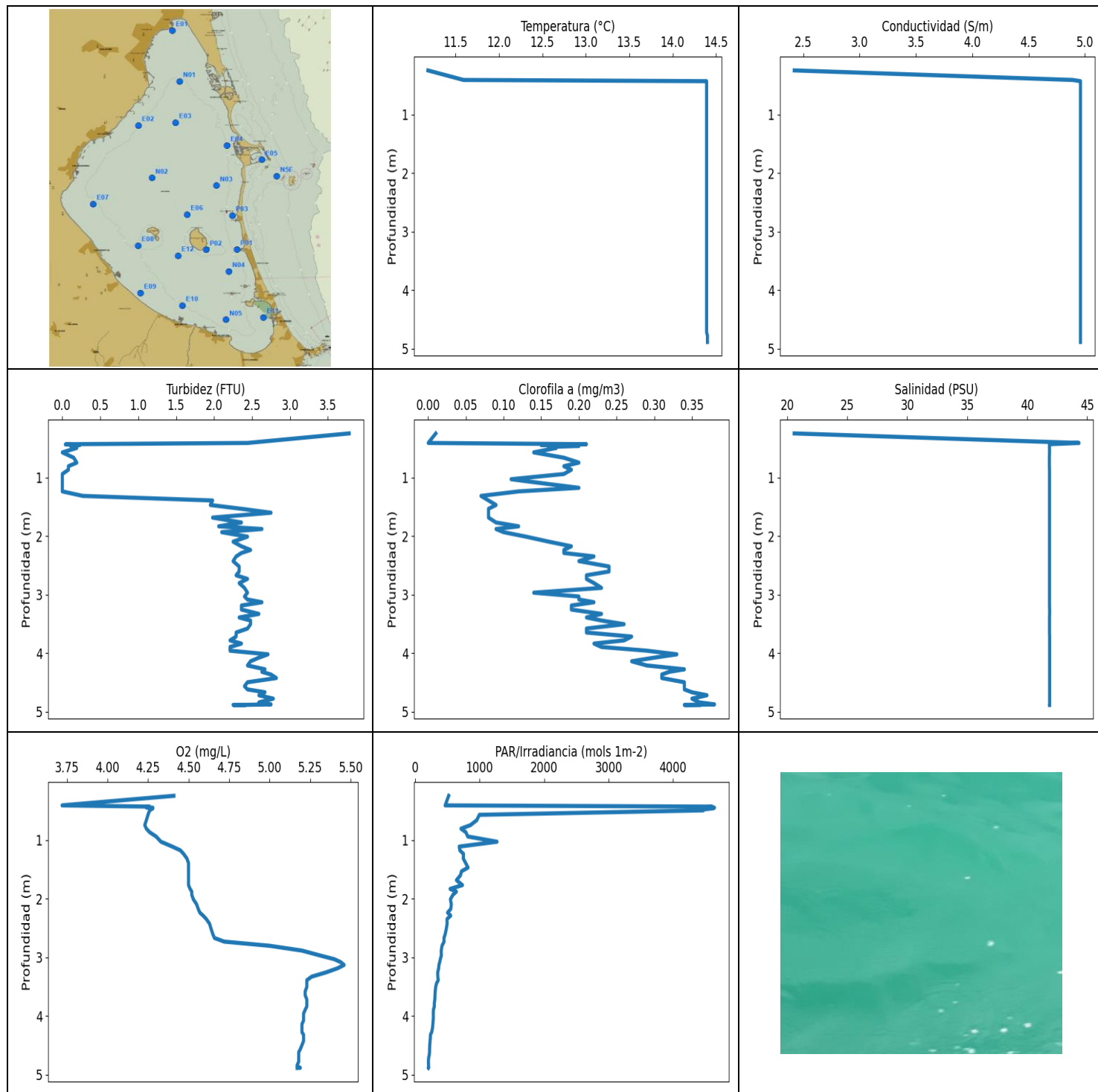
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.15	4.89	0.08	4.43	124.64	0.08	41.44
PROF (metros)	0.51	0.458	0.421	1.58	4.656	1.772	1.061
MÁXIMO	14.5	14.5	7.67	5.72	1837.0	0.71	41.8
PROF (metros)	4.648	4.334	4.656	3.097	0.421	4.655	4.188

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	14.16	4.89	0.67	4.52	1135.81	0.29	41.46
1 - 2m	14.16	4.89	1.08	4.48	262.2	0.17	41.46
2 - 3m	14.19	4.9	1.31	4.93	199.69	0.22	41.52
3 - 4m	14.34	4.94	3.53	5.5	164.69	0.44	41.7
4 - 5m	14.47	4.96	6.56	5.32	134.88	0.58	41.77

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.421	14.16	4.9	0.08	4.69	1837.0	0.33	41.47
0.423	14.16	4.9	0.15	4.65	1820.9	0.29	41.47
0.429	14.16	4.9	0.11	4.52	1772.2	0.28	41.47
0.441	14.16	4.9	0.3	4.53	1722.0	0.23	41.47
0.446	14.16	4.9	0.11	4.53	1718.8	0.25	41.47
0.458	14.16	4.89	0.08	4.54	1738.0	0.23	41.46
0.463	14.16	4.89	0.08	4.54	1716.8	0.29	41.45
0.474	14.16	4.89	0.11	4.53	1715.2	0.27	41.45
0.51	14.15	4.89	0.19	4.51	1712.0	0.3	41.45
0.57	14.15	4.89	0.23	4.5	421.43	0.24	41.45
0.638	14.15	4.89	0.19	4.48	369.87	0.27	41.45
0.7	14.15	4.89	1.22	4.47	314.04	0.26	41.45
0.76	14.15	4.89	3.66	4.46	374.97	0.31	41.45
0.826	14.15	4.89	0.27	4.45	348.0	0.32	41.45
0.902	14.15	4.89	1.68	4.44	295.27	0.39	41.45
0.984	14.15	4.89	2.21	4.48	296.5	0.37	41.45
1.061	14.15	4.89	0.3	4.5	322.23	0.27	41.44
1.125	14.15	4.89	0.38	4.51	287.5	0.26	41.44
1.184	14.15	4.89	1.49	4.51	279.03	0.32	41.44
1.249	14.15	4.89	0.92	4.5	274.48	0.23	41.45
1.317	14.15	4.89	1.14	4.49	275.43	0.11	41.46
1.395	14.15	4.89	0.88	4.48	249.36	0.09	41.46
1.473	14.15	4.89	1.22	4.46	252.04	0.1	41.47
1.533	14.16	4.89	1.26	4.44	260.89	0.39	41.46
1.58	14.16	4.89	1.41	4.43	258.43	0.12	41.47
1.639	14.16	4.9	1.34	4.43	250.35	0.11	41.47
1.706	14.16	4.9	1.14	4.44	238.62	0.13	41.47
1.772	14.16	4.9	1.11	4.45	255.15	0.08	41.47
1.831	14.16	4.9	1.22	4.48	242.52	0.08	41.47
1.887	14.16	4.9	1.22	4.51	242.07	0.1	41.47
1.95	14.16	4.9	1.18	4.55	244.9	0.12	41.47
2.016	14.17	4.9	1.22	4.6	228.29	0.08	41.48
2.079	14.17	4.9	1.14	4.63	228.5	0.11	41.48
2.152	14.17	4.9	0.99	4.66	217.19	0.14	41.48
2.225	14.17	4.9	1.18	4.7	217.49	0.12	41.49
2.289	14.18	4.9	1.26	4.72	224.2	0.11	41.5
2.356	14.18	4.9	1.14	4.73	192.8	0.1	41.49

2.422	14.18	4.9	1.26	4.76	186.51	0.13	41.51
2.477	14.19	4.9	1.34	4.78	196.32	0.09	41.52
2.536	14.19	4.9	1.34	4.8	208.9	0.26	41.52
2.595	14.2	4.91	1.26	4.82	191.33	0.33	41.52
2.661	14.2	4.91	1.34	4.85	187.51	0.38	41.52
2.728	14.2	4.91	1.34	4.92	187.99	0.33	41.52
2.797	14.21	4.91	1.37	5.23	185.44	0.33	41.53
2.854	14.21	4.91	1.45	5.44	181.57	0.29	41.55
2.9	14.23	4.92	1.6	5.57	180.89	0.39	41.59
2.951	14.24	4.92	1.68	5.67	180.1	0.4	41.6
3.019	14.25	4.92	1.76	5.71	179.97	0.37	41.62
3.097	14.27	4.93	2.06	5.72	177.94	0.37	41.64
3.167	14.28	4.93	2.29	5.69	174.51	0.39	41.67
3.221	14.3	4.94	2.71	5.62	171.98	0.45	41.69
3.269	14.32	4.94	2.82	5.5	173.58	0.42	41.69
3.332	14.33	4.94	3.09	5.48	171.18	0.38	41.69
3.409	14.34	4.94	3.62	5.46	165.72	0.5	41.7
3.488	14.35	4.94	4.0	5.45	162.83	0.44	41.7
3.554	14.36	4.94	4.16	5.46	161.88	0.4	41.71
3.608	14.36	4.94	4.2	5.45	161.47	0.45	41.71
3.656	14.37	4.94	4.23	5.44	160.02	0.43	41.71
3.705	14.37	4.95	4.54	5.44	157.99	0.47	41.71
3.767	14.37	4.95	4.23	5.42	155.52	0.51	41.72
3.837	14.38	4.95	4.27	5.39	157.99	0.47	41.74
3.904	14.39	4.95	4.2	5.39	153.62	0.51	41.75
3.964	14.4	4.95	4.35	5.38	148.79	0.51	41.76
4.02	14.41	4.95	4.58	5.37	146.97	0.46	41.75
4.067	14.42	4.96	4.65	5.36	144.81	0.55	41.78
4.12	14.44	4.96	4.81	5.35	146.22	0.65	41.78
4.188	14.45	4.96	5.19	5.33	145.38	0.61	41.8
4.264	14.47	4.96	7.13	5.34	139.41	0.58	41.79
4.334	14.48	4.97	7.48	5.35	134.89	0.59	41.78
4.401	14.49	4.97	7.52	5.33	130.89	0.6	41.77
4.461	14.49	4.97	7.63	5.32	130.01	0.53	41.77
4.648	14.5	4.96	7.52	5.27	125.22	0.46	41.75
4.653	14.49	4.96	7.25	5.26	125.1	0.55	41.74
4.655	14.48	4.96	7.36	5.25	125.02	0.71	41.75
4.656	14.48	4.96	7.67	5.24	124.64	0.65	41.76



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

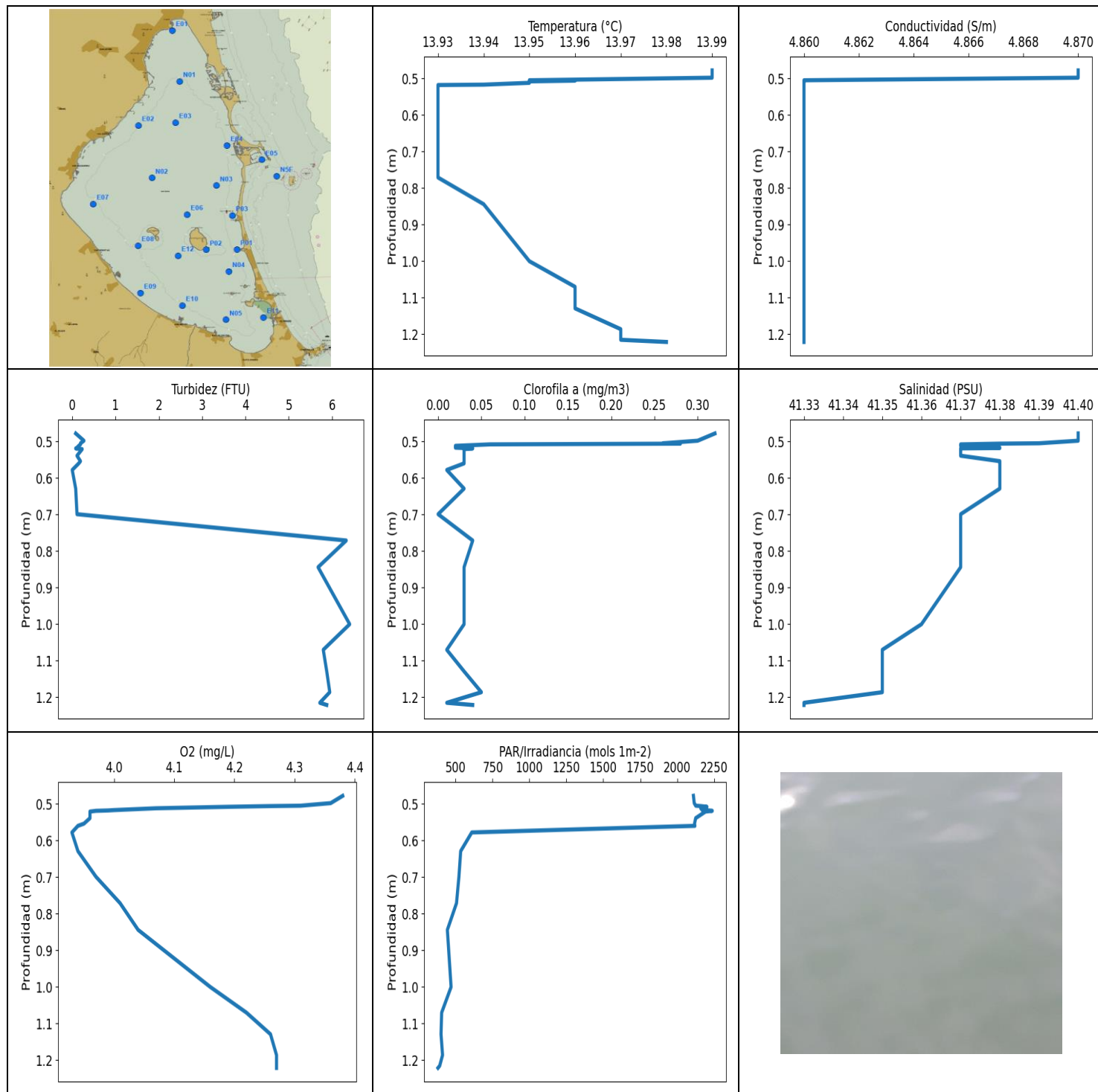
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	11.18	2.42	0.0	3.72	201.99	0.0	20.58
PROF (metros)	0.247	0.247	0.571	0.41	4.882	0.41	0.247
MÁXIMO	14.4	14.4	3.78	5.46	4645.7	0.38	44.32
PROF (metros)	4.775	0.431	0.247	3.129	0.45	4.873	0.41

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	13.93	4.76	0.59	4.23	2780.31	0.15	40.41
1 - 2m	14.39	4.96	2.04	4.51	690.62	0.09	41.86
2 - 3m	14.39	4.96	2.36	4.73	483.12	0.2	41.86
3 - 4m	14.39	4.96	2.38	5.29	330.16	0.23	41.86
4 - 5m	14.39	4.96	2.57	5.19	230.47	0.33	41.87

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.247	11.18	2.42	3.78	4.41	518.94	0.01	20.58
0.41	11.59	4.89	2.44	3.72	464.52	0.0	44.32
0.431	14.39	4.96	0.11	4.26	4561.4	0.21	41.86
0.435	14.39	4.96	0.04	4.24	4613.5	0.17	41.87
0.447	14.39	4.96	0.23	4.24	4462.0	0.15	41.87
0.45	14.39	4.96	0.11	4.28	4645.7	0.17	41.86
0.461	14.39	4.96	0.11	4.28	4613.5	0.2	41.86
0.478	14.39	4.96	0.19	4.27	4485.9	0.16	41.85
0.495	14.39	4.96	0.19	4.26	4470.3	0.17	41.86
0.571	14.39	4.96	0.0	4.25	994.87	0.14	41.86
0.662	14.39	4.96	0.15	4.24	955.11	0.18	41.85
0.746	14.39	4.96	0.19	4.23	857.52	0.2	41.85
0.807	14.39	4.96	0.08	4.24	710.08	0.18	41.85
0.867	14.39	4.96	0.08	4.26	785.59	0.19	41.86
0.94	14.39	4.96	0.0	4.3	815.46	0.18	41.86
1.029	14.39	4.96	0.0	4.33	1269.9	0.11	41.86
1.112	14.39	4.96	0.0	4.4	682.65	0.16	41.86
1.176	14.39	4.96	0.0	4.45	692.85	0.2	41.86
1.237	14.39	4.96	0.0	4.47	749.48	0.12	41.86
1.314	14.39	4.96	0.27	4.49	745.67	0.07	41.86
1.392	14.39	4.96	1.98	4.5	782.5	0.08	41.86
1.469	14.39	4.96	1.95	4.5	819.44	0.09	41.86
1.534	14.39	4.96	2.36	4.5	717.69	0.08	41.86
1.601	14.39	4.96	2.75	4.5	702.06	0.08	41.86
1.684	14.39	4.96	1.98	4.5	639.6	0.08	41.86
1.768	14.39	4.96	2.36	4.5	733.33	0.09	41.86
1.833	14.39	4.96	2.06	4.51	541.42	0.12	41.86
1.879	14.39	4.96	2.63	4.52	638.86	0.09	41.86
1.933	14.39	4.96	2.1	4.52	585.68	0.1	41.86
2.01	14.39	4.96	2.44	4.53	545.96	0.13	41.86
2.095	14.39	4.96	2.25	4.55	560.32	0.16	41.86
2.174	14.39	4.96	2.36	4.56	552.07	0.19	41.86
2.237	14.39	4.96	2.48	4.57	502.02	0.18	41.86
2.288	14.39	4.96	2.36	4.59	550.54	0.18	41.86
2.347	14.39	4.96	2.29	4.61	493.49	0.22	41.86
2.427	14.39	4.96	2.25	4.63	494.97	0.2	41.86
2.519	14.39	4.96	2.33	4.64	481.29	0.24	41.86

2.604	14.39	4.96	2.33	4.65	464.95	0.24	41.86
2.669	14.39	4.96	2.29	4.66	445.95	0.21	41.86
2.731	14.39	4.96	2.44	4.72	447.5	0.21	41.86
2.802	14.39	4.96	2.33	5.0	415.71	0.22	41.86
2.884	14.39	4.96	2.4	5.2	403.46	0.23	41.86
2.966	14.39	4.96	2.44	5.31	405.43	0.14	41.86
3.031	14.39	4.96	2.4	5.4	389.68	0.2	41.86
3.082	14.39	4.96	2.44	5.44	379.6	0.2	41.86
3.129	14.39	4.96	2.63	5.46	367.91	0.22	41.86
3.185	14.39	4.96	2.36	5.42	363.59	0.19	41.86
3.254	14.39	4.96	2.36	5.35	349.13	0.19	41.87
3.328	14.39	4.96	2.59	5.26	350.51	0.23	41.87
3.389	14.39	4.96	2.33	5.23	357.24	0.21	41.86
3.441	14.39	4.96	2.48	5.23	330.55	0.23	41.86
3.504	14.39	4.96	2.48	5.23	317.56	0.26	41.86
3.578	14.39	4.96	2.44	5.22	310.21	0.21	41.86
3.646	14.39	4.96	2.29	5.22	306.99	0.21	41.86
3.715	14.39	4.96	2.29	5.23	304.09	0.27	41.87
3.78	14.39	4.96	2.21	5.23	296.57	0.26	41.87
3.835	14.39	4.96	2.36	5.23	296.16	0.22	41.87
3.893	14.39	4.96	2.21	5.22	282.48	0.23	41.87
3.956	14.39	4.96	2.21	5.21	280.26	0.29	41.87
4.018	14.39	4.96	2.71	5.21	281.3	0.33	41.87
4.075	14.39	4.96	2.59	5.21	278.39	0.3	41.87
4.137	14.39	4.96	2.48	5.2	273.78	0.27	41.87
4.208	14.39	4.96	2.44	5.2	267.38	0.29	41.87
4.274	14.39	4.96	2.67	5.2	255.21	0.34	41.87
4.317	14.39	4.96	2.63	5.21	236.04	0.32	41.87
4.363	14.39	4.96	2.75	5.21	235.22	0.31	41.87
4.423	14.39	4.96	2.82	5.21	230.57	0.31	41.87
4.495	14.39	4.96	2.44	5.2	225.03	0.34	41.87
4.562	14.39	4.96	2.4	5.19	222.85	0.34	41.87
4.617	14.39	4.96	2.44	5.18	222.49	0.34	41.87
4.666	14.39	4.96	2.67	5.18	216.94	0.35	41.87
4.717	14.39	4.96	2.59	5.18	207.45	0.37	41.87
4.775	14.4	4.96	2.78	5.18	204.68	0.35	41.87
4.839	14.4	4.96	2.59	5.17	206.78	0.36	41.87
4.873	14.4	4.96	2.75	5.18	206.39	0.38	41.87
4.88	14.4	4.96	2.44	5.19	203.31	0.35	41.87
4.882	14.4	4.96	2.25	5.18	201.99	0.34	41.86
4.883	14.4	4.96	2.4	5.17	203.07	0.36	41.86



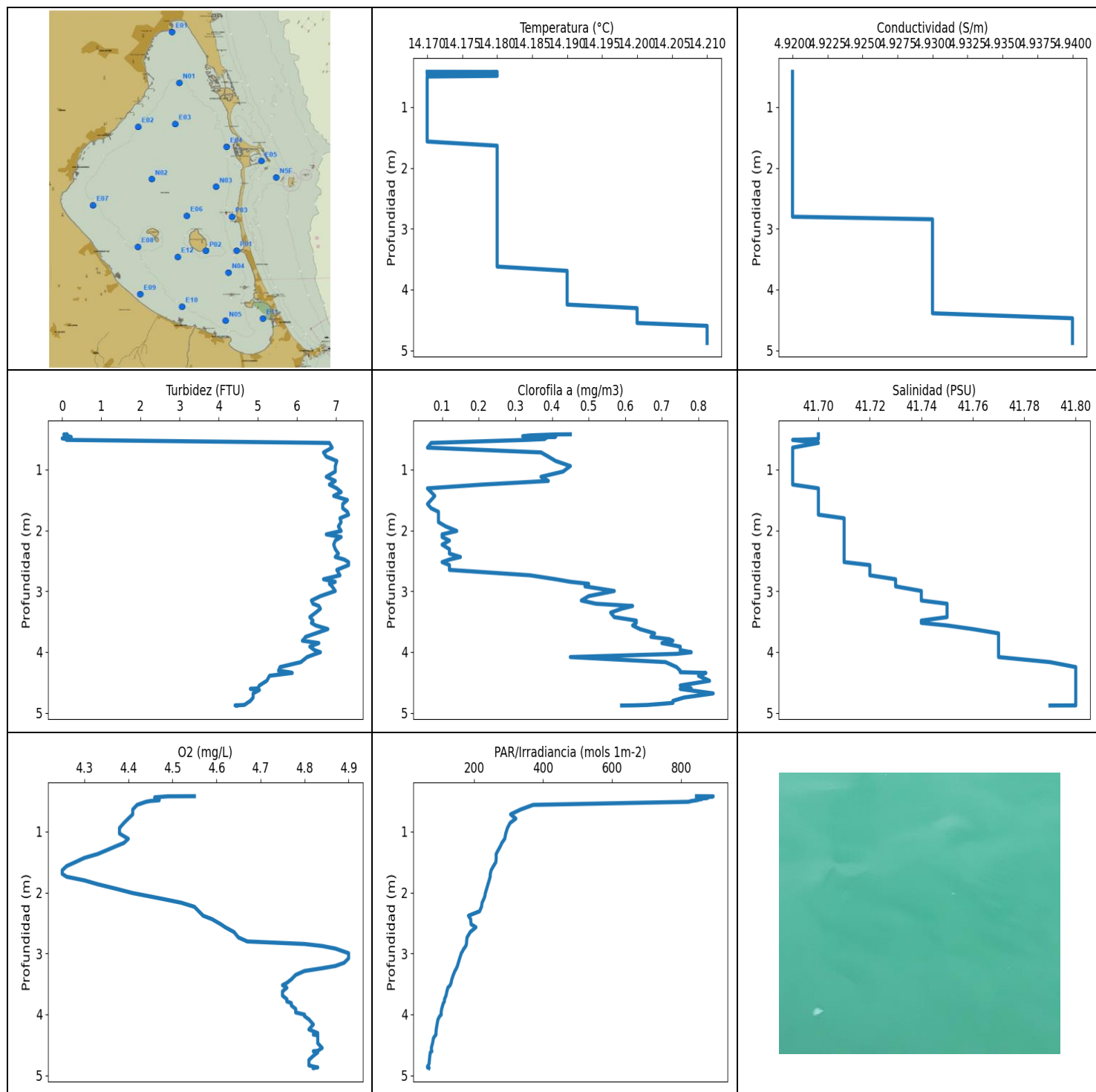
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.93	4.86	0.0	3.93	380.13	0.0	41.33
PROF (metros)	0.518	0.505	0.578	0.578	1.221	0.699	1.215
MÁXIMO	13.99	13.99	6.41	4.38	2238.1	0.32	41.4
PROF (metros)	0.478	0.478	1.0	0.478	0.519	0.478	0.478

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	13.94	4.86	0.84	4.08	1768.47	0.09	41.38
1 - 2m	13.96	4.86	5.94	4.24	409.59	0.03	41.34

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.478	13.99	4.87	0.08	4.38	2110.6	0.32	41.4
0.498	13.99	4.87	0.27	4.36	2116.0	0.3	41.4
0.505	13.95	4.86	0.19	4.31	2126.3	0.26	41.39
0.506	13.96	4.86	0.19	4.26	2160.1	0.28	41.38
0.508	13.95	4.86	0.19	4.19	2202.0	0.06	41.37
0.512	13.95	4.86	0.15	4.07	2160.1	0.02	41.37
0.517	13.94	4.86	0.11	4.0	2171.6	0.02	41.38
0.518	13.93	4.86	0.15	3.99	2217.4	0.03	41.38
0.519	13.93	4.86	0.08	3.97	2238.1	0.04	41.37
0.521	13.93	4.86	0.23	3.96	2192.4	0.03	41.37
0.539	13.93	4.86	0.11	3.96	2125.8	0.03	41.37
0.554	13.93	4.86	0.19	3.95	2117.9	0.03	41.38
0.56	13.93	4.86	0.15	3.94	2120.4	0.03	41.38
0.578	13.93	4.86	0.0	3.93	609.08	0.01	41.38
0.629	13.93	4.86	0.08	3.94	533.95	0.03	41.38
0.699	13.93	4.86	0.11	3.97	521.96	0.0	41.37
0.771	13.93	4.86	6.33	4.01	505.64	0.04	41.37
0.844	13.94	4.86	5.68	4.04	443.68	0.03	41.37
1.0	13.95	4.86	6.41	4.16	468.84	0.03	41.36
1.07	13.96	4.86	5.8	4.22	404.96	0.01	41.35
1.129	13.96	4.86	5.88	4.26	400.76	0.03	41.35
1.186	13.97	4.86	5.95	4.27	411.01	0.05	41.35
1.215	13.97	4.86	5.72	4.27	391.85	0.01	41.33
1.221	13.98	4.86	5.88	4.27	380.13	0.04	41.33



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

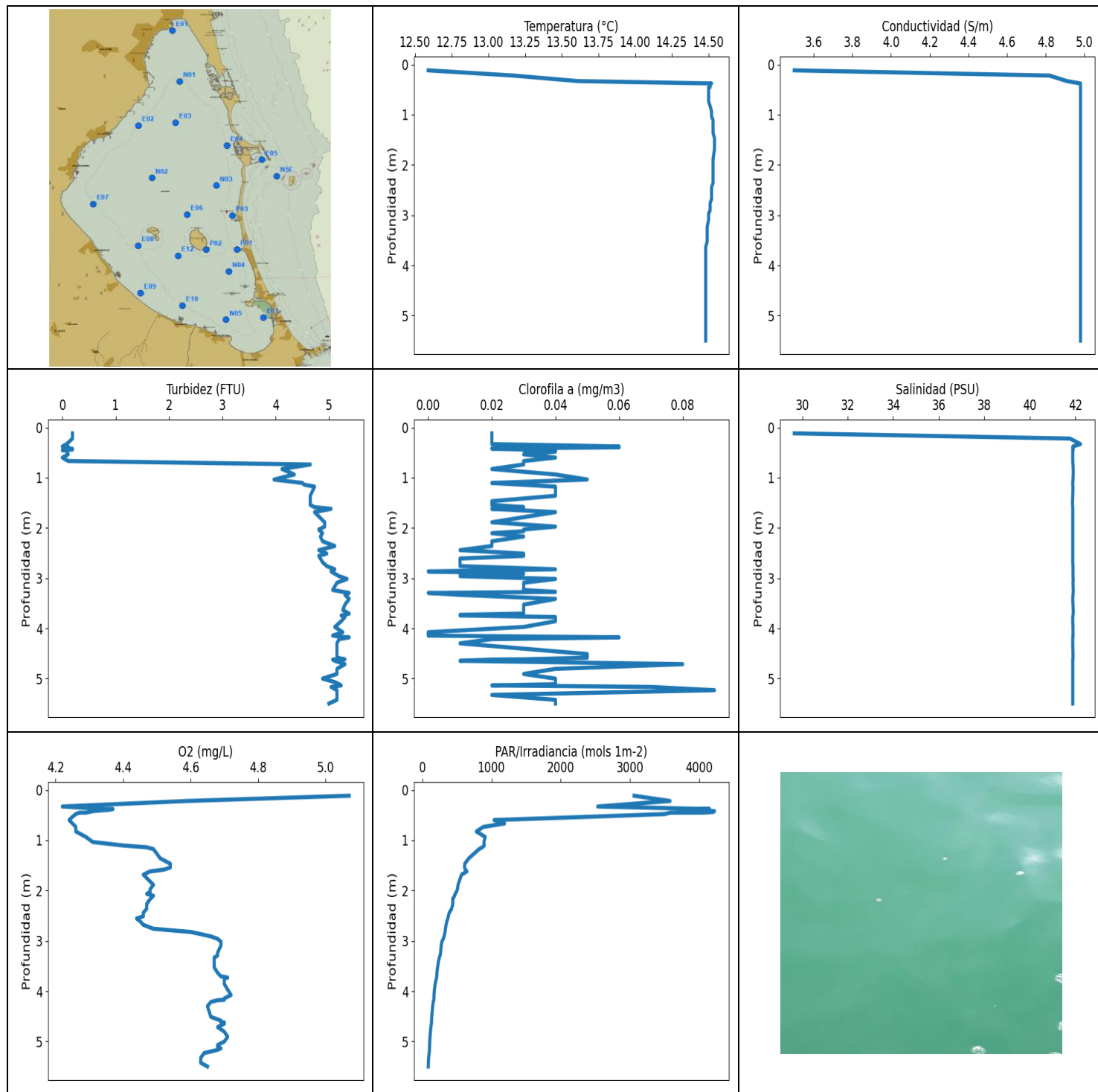
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.17	4.92	0.0	4.25	65.29	0.06	41.69
PROF (metros)	0.42	0.42	0.487	1.636	4.858	0.639	0.512
MÁXIMO	14.21	14.21	7.32	4.9	892.81	0.84	41.8
PROF (metros)	4.599	4.474	1.742	2.997	0.422	4.682	4.249

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	14.17	4.92	3.01	4.44	627.84	0.34	41.7
1 - 2m	14.17	4.92	7.08	4.32	261.41	0.15	41.7
2 - 3m	14.18	4.92	7.02	4.63	197.4	0.23	41.72
3 - 4m	14.18	4.93	6.43	4.79	129.2	0.63	41.76
4 - 5m	14.2	4.93	5.28	4.82	80.59	0.73	41.8

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.42	14.17	4.92	0.11	4.55	844.31	0.45	41.7
0.422	14.18	4.92	0.04	4.49	892.81	0.41	41.7
0.438	14.17	4.92	0.15	4.46	877.02	0.34	41.7
0.451	14.17	4.92	0.15	4.46	875.19	0.32	41.7
0.459	14.17	4.92	0.11	4.47	853.75	0.41	41.7
0.464	14.18	4.92	0.23	4.47	860.31	0.39	41.7
0.487	14.18	4.92	0.0	4.47	844.11	0.38	41.7
0.498	14.17	4.92	0.11	4.45	830.72	0.38	41.7
0.512	14.17	4.92	0.11	4.44	820.58	0.33	41.69
0.562	14.17	4.92	6.83	4.42	371.59	0.07	41.7
0.639	14.17	4.92	6.9	4.41	334.79	0.06	41.69
0.718	14.17	4.92	6.68	4.41	306.0	0.37	41.69
0.787	14.17	4.92	6.75	4.4	321.26	0.39	41.69
0.859	14.17	4.92	7.02	4.39	304.58	0.41	41.69
0.942	14.17	4.92	6.98	4.38	296.91	0.45	41.69
1.033	14.17	4.92	6.98	4.38	292.0	0.43	41.69
1.119	14.17	4.92	6.75	4.4	289.04	0.37	41.69
1.187	14.17	4.92	6.98	4.39	280.72	0.39	41.69
1.247	14.17	4.92	6.83	4.37	275.88	0.21	41.69
1.309	14.17	4.92	7.02	4.35	269.75	0.06	41.7
1.37	14.17	4.92	7.13	4.33	264.18	0.07	41.7
1.433	14.17	4.92	6.94	4.3	264.36	0.08	41.7
1.501	14.17	4.92	7.29	4.28	263.45	0.07	41.7
1.567	14.17	4.92	7.17	4.26	256.46	0.06	41.7
1.636	14.18	4.92	7.17	4.25	249.6	0.07	41.7
1.695	14.18	4.92	7.29	4.25	247.23	0.09	41.7
1.742	14.18	4.92	7.32	4.26	246.89	0.09	41.7
1.801	14.18	4.92	7.1	4.3	243.93	0.09	41.71
1.864	14.18	4.92	7.13	4.33	240.62	0.09	41.71
1.935	14.18	4.92	7.06	4.37	236.97	0.11	41.71
2.01	14.18	4.92	7.13	4.41	232.99	0.14	41.71
2.066	14.18	4.92	6.75	4.45	231.16	0.1	41.71
2.109	14.18	4.92	7.13	4.48	228.29	0.1	41.71
2.168	14.18	4.92	6.98	4.52	223.52	0.12	41.71
2.235	14.18	4.92	6.94	4.55	221.77	0.1	41.71
2.309	14.18	4.92	6.98	4.56	216.09	0.12	41.71
2.382	14.18	4.92	7.06	4.57	184.06	0.12	41.71

2.438	14.18	4.92	6.98	4.59	190.44	0.15	41.71
2.48	14.18	4.92	7.21	4.6	190.89	0.12	41.71
2.522	14.18	4.92	7.32	4.61	191.73	0.1	41.71
2.571	14.18	4.92	7.32	4.62	205.63	0.12	41.72
2.65	14.18	4.92	7.02	4.64	189.17	0.12	41.72
2.739	14.18	4.92	7.1	4.65	179.89	0.34	41.72
2.804	14.18	4.92	6.68	4.67	178.64	0.41	41.73
2.846	14.18	4.93	6.98	4.8	178.23	0.45	41.73
2.879	14.18	4.93	6.83	4.84	176.3	0.5	41.73
2.921	14.18	4.93	6.9	4.87	171.03	0.49	41.73
2.997	14.18	4.93	6.98	4.9	163.39	0.57	41.74
3.082	14.18	4.93	6.6	4.9	158.51	0.5	41.74
3.154	14.18	4.93	6.37	4.89	154.7	0.48	41.74
3.207	14.18	4.93	6.41	4.87	151.99	0.52	41.75
3.244	14.18	4.93	6.56	4.84	149.2	0.62	41.75
3.289	14.18	4.93	6.6	4.8	144.81	0.59	41.75
3.353	14.18	4.93	6.48	4.78	140.15	0.56	41.75
3.427	14.18	4.93	6.33	4.77	135.74	0.57	41.75
3.484	14.18	4.93	6.41	4.76	133.65	0.63	41.74
3.522	14.18	4.93	6.37	4.75	131.16	0.63	41.74
3.564	14.18	4.93	6.48	4.76	124.38	0.62	41.75
3.624	14.18	4.93	6.79	4.75	121.59	0.64	41.76
3.694	14.19	4.93	6.48	4.75	118.94	0.68	41.77
3.752	14.19	4.93	6.22	4.76	114.61	0.67	41.77
3.79	14.19	4.93	6.18	4.76	114.4	0.72	41.77
3.815	14.19	4.93	6.14	4.77	111.36	0.73	41.77
3.854	14.19	4.93	6.56	4.77	109.34	0.7	41.77
3.912	14.19	4.93	6.33	4.78	106.34	0.75	41.77
3.97	14.19	4.93	6.45	4.78	104.8	0.75	41.77
4.005	14.19	4.93	6.6	4.8	105.26	0.78	41.77
4.031	14.19	4.93	6.48	4.8	100.78	0.74	41.77
4.084	14.19	4.93	6.26	4.81	95.74	0.45	41.77
4.167	14.19	4.93	6.1	4.82	93.01	0.71	41.79
4.249	14.19	4.93	5.57	4.81	90.65	0.74	41.8
4.308	14.2	4.93	5.53	4.83	89.85	0.75	41.8
4.333	14.2	4.93	5.8	4.82	90.02	0.75	41.8
4.345	14.2	4.93	5.88	4.83	88.16	0.82	41.8
4.392	14.2	4.93	5.3	4.83	82.64	0.8	41.8
4.474	14.2	4.94	5.23	4.83	80.02	0.83	41.8
4.552	14.2	4.94	5.04	4.84	76.57	0.75	41.8
4.599	14.21	4.94	5.0	4.83	77.04	0.78	41.8
4.607	14.21	4.94	4.81	4.82	77.95	0.75	41.8
4.625	14.21	4.94	5.04	4.83	73.62	0.77	41.8
4.682	14.21	4.94	4.88	4.82	72.11	0.84	41.8
4.75	14.21	4.94	4.88	4.81	70.94	0.76	41.8
4.805	14.21	4.94	4.81	4.81	70.13	0.73	41.8
4.838	14.21	4.94	4.73	4.81	67.99	0.73	41.8
4.858	14.21	4.94	4.69	4.82	65.29	0.69	41.8
4.872	14.21	4.94	4.65	4.83	65.42	0.66	41.8
4.879	14.21	4.94	4.42	4.82	70.02	0.62	41.8
4.881	14.21	4.94	4.46	4.82	69.83	0.59	41.79



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

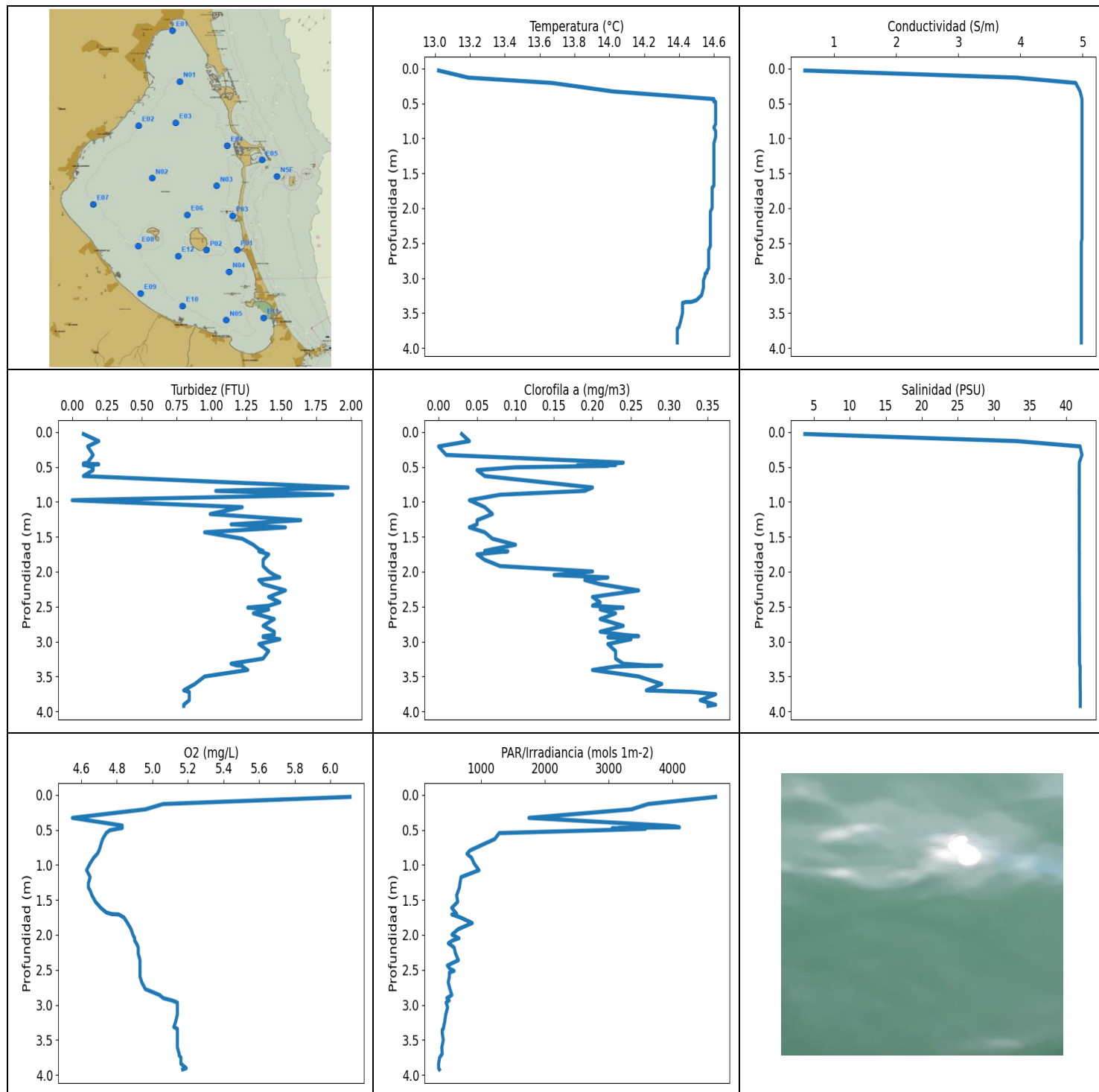
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	12.59	3.5	0.0	4.22	83.14	0.0	29.65
PROF (metros)	0.117	0.117	0.378	0.331	5.496	2.866	0.117
MÁXIMO	14.54	14.54	5.38	5.07	4222.6	0.09	42.23
PROF (metros)	1.468	0.378	3.294	0.117	0.423	5.23	0.331

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	14.23	4.87	0.98	4.36	2835.16	0.03	41.09
1 - 2m	14.53	4.98	4.67	4.47	683.29	0.03	41.89
2 - 3m	14.52	4.98	4.94	4.51	383.32	0.02	41.9
3 - 4m	14.49	4.98	5.27	4.69	226.08	0.03	41.9
4 - 5m	14.48	4.98	5.19	4.69	140.03	0.03	41.9
5 - 6m	14.48	4.98	5.1	4.66	96.02	0.04	41.89

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.117	12.59	3.5	0.19	5.07	3059.6	0.02	29.65
0.221	13.17	4.82	0.19	4.59	3579.4	0.02	41.77
0.331	13.61	4.91	0.08	4.22	2533.5	0.02	42.23
0.378	14.52	4.98	0.0	4.34	4010.8	0.06	41.9
0.381	14.51	4.98	0.11	4.37	4151.7	0.04	41.89
0.396	14.51	4.98	0.11	4.36	3846.9	0.06	41.89
0.416	14.51	4.98	0.08	4.32	3695.7	0.02	41.9
0.423	14.51	4.98	0.19	4.31	4222.6	0.02	41.9
0.44	14.51	4.98	0.19	4.3	4197.2	0.03	41.89
0.453	14.51	4.98	0.0	4.29	4059.4	0.03	41.9
0.454	14.5	4.98	0.08	4.27	3582.7	0.04	41.89
0.481	14.5	4.98	0.08	4.26	3501.4	0.04	41.89
0.535	14.5	4.98	0.11	4.25	2407.6	0.03	41.89
0.6	14.5	4.98	0.0	4.24	1035.1	0.04	41.89
0.668	14.5	4.98	0.11	4.25	1186.2	0.03	41.89
0.737	14.5	4.98	4.65	4.26	877.83	0.03	41.9
0.827	14.51	4.98	4.12	4.26	778.7	0.02	41.91
0.936	14.52	4.98	4.35	4.29	906.36	0.04	41.91
1.036	14.52	4.98	3.97	4.31	888.06	0.05	41.9
1.105	14.53	4.98	4.5	4.4	893.85	0.02	41.89
1.141	14.53	4.98	4.54	4.47	864.71	0.03	41.89
1.177	14.53	4.98	4.73	4.49	817.92	0.04	41.9
1.36	14.53	4.98	4.65	4.51	670.11	0.04	41.89
1.468	14.54	4.98	4.65	4.54	611.06	0.02	41.88
1.542	14.54	4.98	4.65	4.54	607.95	0.02	41.88
1.586	14.54	4.98	4.73	4.52	619.33	0.03	41.89
1.62	14.54	4.98	5.04	4.48	642.87	0.02	41.89
1.685	14.54	4.98	4.73	4.46	563.58	0.04	41.89
1.887	14.53	4.98	4.92	4.49	513.91	0.02	41.89
1.974	14.53	4.98	4.92	4.48	506.11	0.04	41.89
2.031	14.53	4.98	4.81	4.48	488.25	0.03	41.89
2.066	14.53	4.98	4.84	4.47	472.55	0.03	41.89
2.104	14.53	4.98	4.88	4.49	464.09	0.02	41.89
2.171	14.53	4.98	4.84	4.48	436.24	0.03	41.89
2.265	14.53	4.98	4.88	4.47	438.67	0.02	41.89
2.36	14.53	4.98	5.11	4.47	422.11	0.02	41.89

2.442	14.52	4.98	4.81	4.46	386.71	0.01	41.89
2.511	14.52	4.98	4.96	4.46	373.93	0.03	41.89
2.556	14.52	4.98	4.81	4.44	366.72	0.03	41.89
2.609	14.52	4.98	4.84	4.45	352.47	0.01	41.89
2.682	14.52	4.98	4.88	4.46	340.98	0.01	41.89
2.76	14.51	4.98	4.96	4.49	332.24	0.01	41.9
2.823	14.51	4.98	5.11	4.6	326.97	0.04	41.9
2.866	14.51	4.98	5.04	4.63	318.81	0.0	41.9
2.911	14.51	4.98	5.11	4.66	311.94	0.03	41.9
2.96	14.5	4.98	5.19	4.68	300.37	0.01	41.9
3.016	14.5	4.98	5.34	4.69	280.33	0.04	41.91
3.091	14.5	4.98	5.15	4.69	270.81	0.03	41.9
3.235	14.49	4.98	5.07	4.68	261.56	0.03	41.91
3.272	14.49	4.98	5.26	4.68	258.31	0.04	41.91
3.294	14.49	4.98	5.38	4.68	252.62	0.0	41.91
3.332	14.49	4.98	5.3	4.67	243.14	0.01	41.9
3.413	14.49	4.98	5.38	4.67	230.84	0.04	41.89
3.527	14.49	4.98	5.3	4.67	218.05	0.03	41.9
3.635	14.48	4.98	5.26	4.68	208.85	0.03	41.91
3.705	14.48	4.98	5.38	4.69	206.63	0.03	41.91
3.73	14.48	4.98	5.3	4.71	206.44	0.01	41.9
3.742	14.48	4.98	5.23	4.7	202.74	0.01	41.9
3.774	14.48	4.98	5.3	4.7	195.27	0.04	41.89
3.857	14.48	4.98	5.23	4.7	182.87	0.04	41.89
3.971	14.48	4.98	5.11	4.71	172.7	0.03	41.9
4.076	14.48	4.98	5.26	4.72	166.45	0.0	41.9
4.143	14.48	4.98	5.07	4.7	165.26	0.0	41.9
4.171	14.48	4.98	5.26	4.7	164.88	0.05	41.9
4.179	14.48	4.98	5.38	4.68	162.75	0.06	41.89
4.214	14.48	4.98	5.19	4.66	155.41	0.02	41.89
4.297	14.48	4.98	5.15	4.65	147.18	0.01	41.89
4.51	14.48	4.98	5.15	4.66	133.4	0.05	41.9
4.584	14.48	4.98	5.15	4.69	131.41	0.05	41.9
4.615	14.48	4.98	5.3	4.69	131.31	0.03	41.9
4.62	14.48	4.98	5.07	4.7	129.86	0.02	41.89
4.645	14.48	4.98	5.11	4.7	128.51	0.01	41.89
4.712	14.48	4.98	5.3	4.68	120.89	0.08	41.89
4.805	14.48	4.98	5.15	4.7	114.16	0.04	41.89
4.907	14.48	4.98	5.15	4.71	108.89	0.03	41.89
5.0	14.48	4.98	4.88	4.7	104.66	0.04	41.89
5.069	14.48	4.98	5.11	4.68	102.95	0.04	41.89
5.111	14.48	4.98	5.19	4.68	102.16	0.04	41.89
5.135	14.48	4.98	5.23	4.69	100.54	0.02	41.89
5.165	14.48	4.98	5.04	4.68	100.96	0.07	41.89
5.23	14.48	4.98	5.15	4.64	96.14	0.09	41.89
5.324	14.48	4.98	5.15	4.63	88.69	0.02	41.89
5.422	14.48	4.98	5.15	4.63	84.97	0.04	41.89
5.496	14.48	4.98	5.0	4.65	83.14	0.04	41.89



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

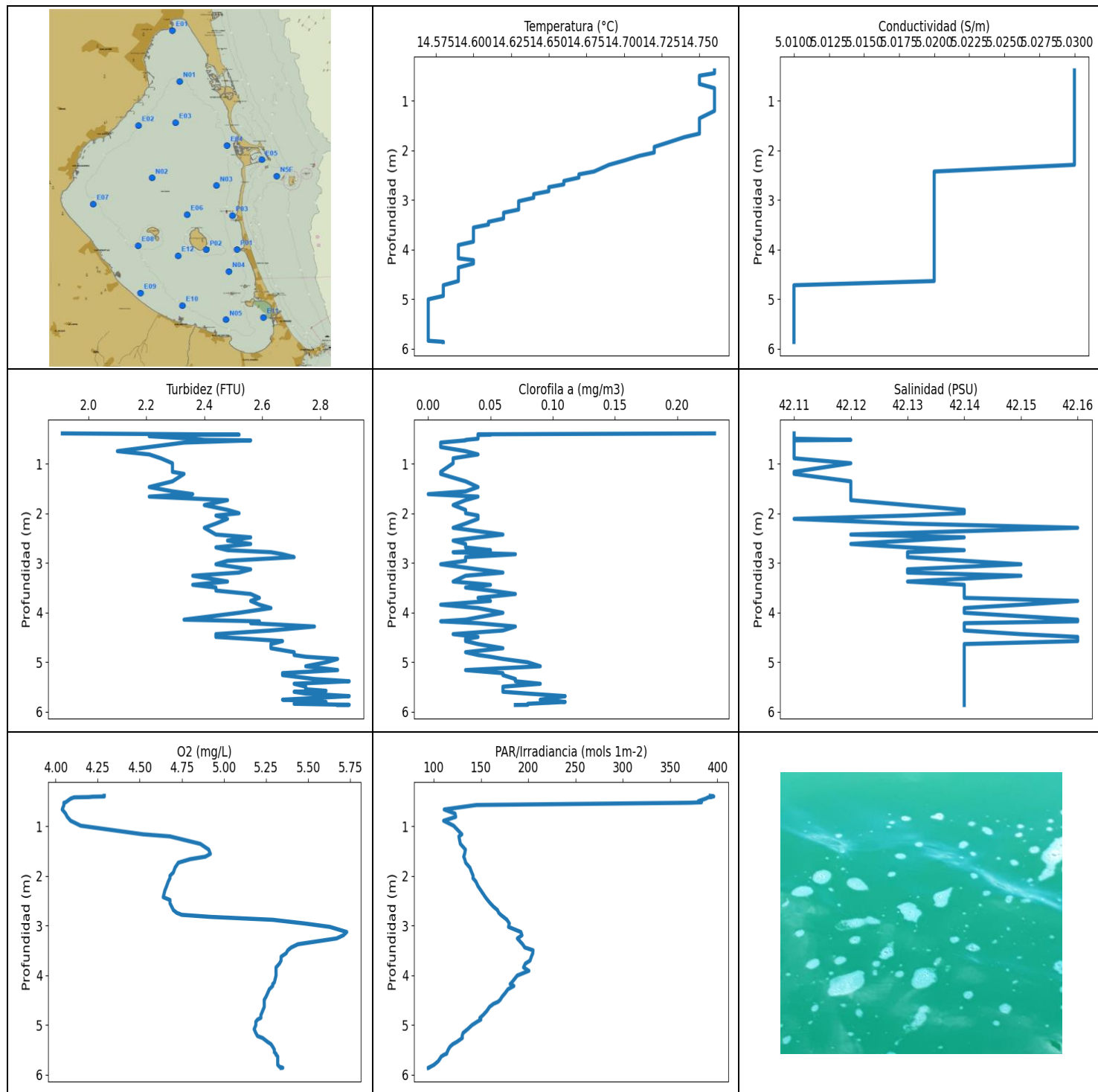
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.02	0.53	0.0	4.55	330.7	0.0	3.77
PROF (metros)	0.029	0.029	0.977	0.329	3.84	0.207	0.029
MÁXIMO	14.61	14.61	1.98	6.11	4683.5	0.36	42.23
PROF (metros)	0.478	0.438	0.795	0.029	0.029	3.754	0.329

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	14.34	4.65	0.39	4.87	2736.09	0.13	39.13
1 - 2m	14.6	4.99	1.31	4.74	657.51	0.07	41.86
2 - 3m	14.57	4.98	1.41	4.97	525.78	0.22	41.87
3 - 4m	14.44	4.98	1.06	5.15	389.47	0.28	41.96

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.029	13.02	0.53	0.08	6.11	4683.5	0.03	3.77
0.131	13.19	3.93	0.19	5.06	3621.9	0.04	33.22
0.207	13.67	4.89	0.11	4.96	3360.7	0.0	41.97
0.329	14.02	4.96	0.15	4.55	1750.5	0.01	42.23
0.438	14.6	4.99	0.11	4.83	3889.9	0.24	41.86
0.451	14.6	4.99	0.08	4.81	4053.8	0.23	41.86
0.464	14.6	4.99	0.19	4.83	4114.4	0.22	41.86
0.472	14.6	4.99	0.11	4.83	3171.5	0.21	41.86
0.473	14.6	4.99	0.08	4.83	3451.5	0.23	41.86
0.478	14.61	4.99	0.11	4.82	3056.0	0.18	41.86
0.486	14.61	4.99	0.11	4.8	3578.5	0.22	41.85
0.506	14.61	4.99	0.15	4.76	2836.3	0.1	41.85
0.546	14.61	4.99	0.15	4.74	1282.3	0.05	41.85
0.631	14.61	4.99	0.08	4.72	1214.0	0.06	41.85
0.795	14.61	4.99	1.98	4.7	822.86	0.2	41.85
0.843	14.6	4.99	1.03	4.69	777.08	0.19	41.84
0.898	14.61	4.99	1.87	4.67	848.82	0.08	41.85
0.977	14.61	4.99	0.0	4.65	887.45	0.04	41.85
1.076	14.6	4.99	1.22	4.63	965.57	0.06	41.85
1.175	14.6	4.99	0.99	4.65	683.6	0.07	41.85
1.263	14.6	4.99	1.64	4.64	667.01	0.05	41.85
1.323	14.6	4.99	1.14	4.64	657.49	0.05	41.85
1.366	14.6	4.99	1.53	4.65	642.28	0.04	41.85
1.436	14.6	4.99	0.95	4.66	614.18	0.06	41.86
1.528	14.6	4.99	1.22	4.68	631.21	0.07	41.86
1.615	14.6	4.99	1.3	4.71	537.42	0.1	41.85
1.679	14.6	4.99	1.34	4.74	596.23	0.07	41.85
1.703	14.59	4.99	1.37	4.77	616.03	0.06	41.85
1.708	14.59	4.99	1.34	4.81	539.17	0.09	41.86
1.752	14.59	4.99	1.41	4.84	675.41	0.05	41.86
1.831	14.59	4.99	1.37	4.86	859.71	0.06	41.86
1.92	14.59	4.99	1.37	4.88	636.2	0.08	41.86
1.997	14.59	4.99	1.41	4.89	541.17	0.2	41.86
2.048	14.58	4.99	1.45	4.9	650.67	0.15	41.86
2.082	14.58	4.99	1.49	4.9	547.86	0.22	41.86
2.12	14.58	4.99	1.34	4.91	483.86	0.19	41.86
2.179	14.58	4.99	1.37	4.92	574.12	0.21	41.86
2.268	14.58	4.99	1.53	4.92	597.61	0.26	41.86

2.362	14.58	4.99	1.41	4.93	641.53	0.2	41.86
2.438	14.58	4.99	1.49	4.93	468.95	0.21	41.87
2.487	14.58	4.98	1.41	4.93	510.71	0.2	41.87
2.514	14.58	4.98	1.26	4.93	574.66	0.24	41.87
2.541	14.58	4.98	1.41	4.93	500.05	0.21	41.87
2.596	14.57	4.98	1.3	4.93	500.28	0.23	41.87
2.678	14.57	4.98	1.45	4.94	482.07	0.21	41.87
2.775	14.57	4.98	1.37	4.96	509.05	0.24	41.87
2.859	14.57	4.98	1.45	5.04	539.3	0.21	41.87
2.903	14.56	4.98	1.45	5.06	460.87	0.24	41.88
2.924	14.56	4.98	1.37	5.09	475.41	0.26	41.88
2.937	14.55	4.98	1.37	5.11	497.74	0.22	41.89
2.967	14.55	4.98	1.49	5.14	449.37	0.25	41.89
3.036	14.54	4.98	1.34	5.14	472.66	0.22	41.89
3.137	14.54	4.98	1.41	5.14	443.37	0.23	41.89
3.244	14.53	4.98	1.37	5.13	426.44	0.23	41.89
3.317	14.5	4.98	1.14	5.12	409.3	0.24	41.89
3.342	14.47	4.98	1.18	5.14	405.71	0.27	41.92
3.343	14.44	4.98	1.22	5.14	401.6	0.29	41.96
3.357	14.42	4.98	1.22	5.14	388.05	0.23	41.98
3.407	14.42	4.98	1.26	5.14	388.05	0.2	41.98
3.5	14.42	4.98	0.95	5.14	404.87	0.26	41.97
3.608	14.41	4.98	0.88	5.14	381.63	0.29	41.98
3.699	14.4	4.98	0.8	5.15	387.78	0.27	41.99
3.722	14.39	4.98	0.84	5.15	370.48	0.33	42.0
3.754	14.39	4.98	0.84	5.16	347.28	0.36	42.0
3.84	14.39	4.98	0.84	5.16	330.7	0.34	42.0
3.905	14.39	4.98	0.8	5.19	331.24	0.36	42.0
3.922	14.39	4.98	0.8	5.17	342.4	0.35	42.0



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

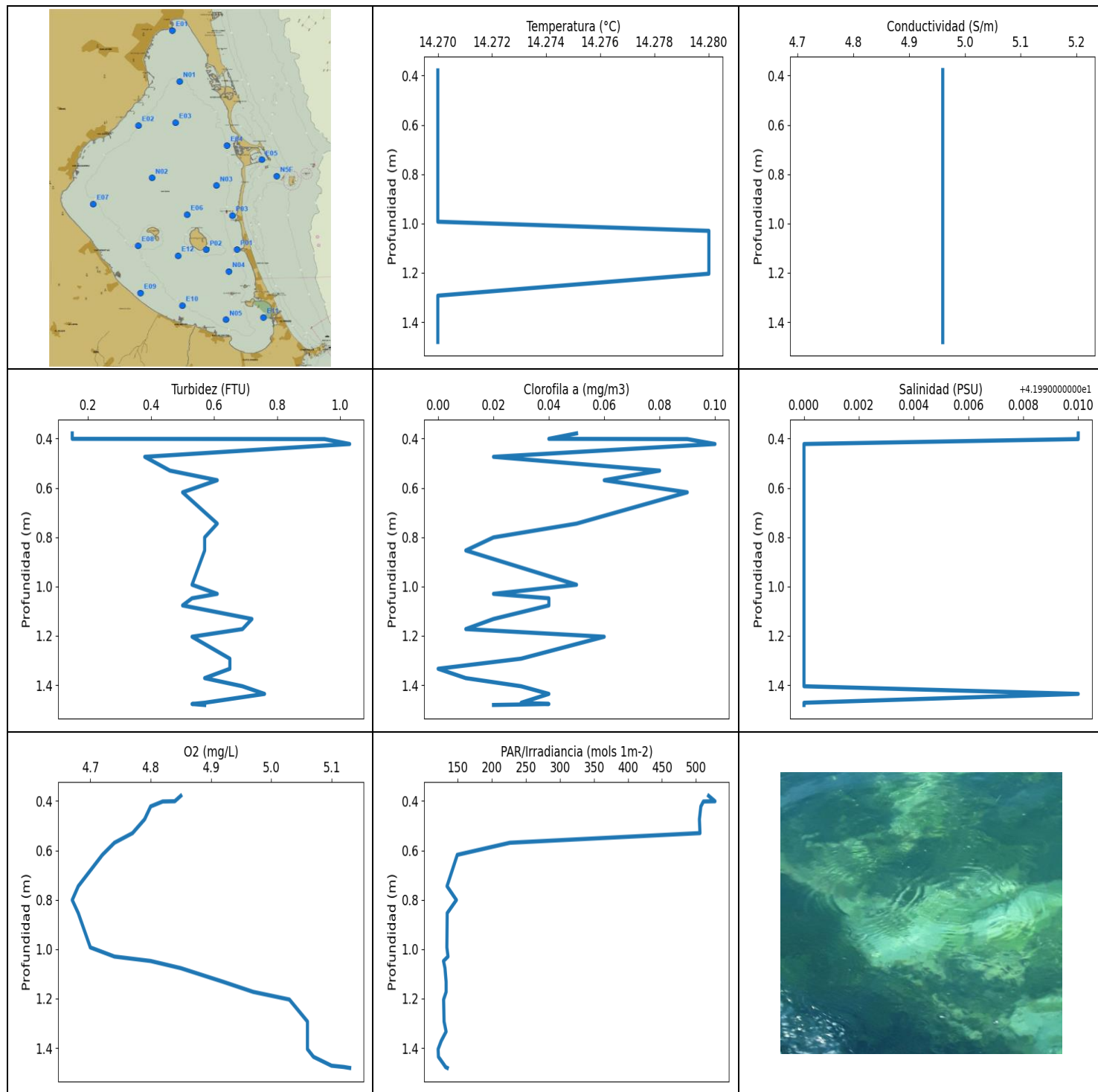
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.57	5.01	1.91	4.04	94.25	0.0	42.11
PROF (metros)	5.007	4.723	0.39	0.665	5.865	1.615	0.39
MÁXIMO	14.76	14.76	2.9	5.73	396.32	0.23	42.16
PROF (metros)	0.39	0.39	5.389	3.132	0.403	0.39	2.294

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	14.76	5.03	2.29	4.12	281.44	0.05	42.11
1 - 2m	14.74	5.03	2.33	4.77	132.84	0.02	42.12
2 - 3m	14.67	5.02	2.52	4.79	159.9	0.04	42.13
3 - 4m	14.61	5.02	2.5	5.46	196.31	0.04	42.14
4 - 5m	14.59	5.02	2.61	5.25	167.34	0.04	42.15
5 - 6m	14.57	5.01	2.78	5.28	114.65	0.08	42.14

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.39	14.76	5.03	1.91	4.29	392.58	0.23	42.11
0.403	14.76	5.03	2.25	4.29	396.32	0.09	42.11
0.408	14.76	5.03	2.36	4.22	393.49	0.04	42.11
0.415	14.76	5.03	2.52	4.2	393.67	0.05	42.11
0.421	14.76	5.03	2.33	4.11	390.49	0.04	42.11
0.447	14.76	5.03	2.21	4.09	387.78	0.04	42.11
0.497	14.75	5.03	2.36	4.07	380.13	0.04	42.11
0.521	14.75	5.03	2.4	4.06	383.32	0.03	42.12
0.53	14.75	5.03	2.56	4.05	369.7	0.03	42.11
0.575	14.75	5.03	2.33	4.05	145.34	0.01	42.11
0.665	14.75	5.03	2.21	4.04	111.18	0.01	42.11
0.748	14.76	5.03	2.1	4.06	122.61	0.03	42.11
0.814	14.76	5.03	2.21	4.07	123.32	0.04	42.11
0.892	14.76	5.03	2.25	4.09	110.57	0.02	42.11
0.992	14.76	5.03	2.29	4.15	121.11	0.02	42.12
1.165	14.76	5.03	2.29	4.52	129.83	0.01	42.11
1.207	14.76	5.03	2.33	4.68	126.71	0.01	42.11
1.357	14.75	5.03	2.29	4.86	128.25	0.03	42.12
1.472	14.75	5.03	2.21	4.91	133.59	0.04	42.12
1.559	14.75	5.03	2.29	4.92	132.78	0.03	42.12
1.615	14.75	5.03	2.36	4.89	131.8	0.0	42.12
1.665	14.75	5.03	2.21	4.8	132.88	0.04	42.12
1.736	14.74	5.03	2.48	4.73	133.86	0.03	42.12
1.836	14.73	5.03	2.4	4.71	138.34	0.02	42.13
1.933	14.72	5.03	2.48	4.7	140.31	0.03	42.14
2.0	14.72	5.03	2.52	4.68	141.75	0.03	42.14
2.047	14.72	5.03	2.44	4.68	141.59	0.04	42.13
2.114	14.71	5.03	2.48	4.67	144.61	0.04	42.11
2.209	14.7	5.03	2.44	4.66	146.94	0.03	42.13
2.294	14.69	5.03	2.4	4.65	149.96	0.02	42.16
2.43	14.68	5.02	2.44	4.64	154.73	0.06	42.12
2.487	14.67	5.02	2.56	4.68	157.04	0.04	42.14
2.552	14.67	5.02	2.48	4.68	159.87	0.02	42.13
2.62	14.66	5.02	2.56	4.69	163.2	0.03	42.12
2.689	14.66	5.02	2.44	4.7	167.46	0.03	42.13
2.745	14.65	5.02	2.48	4.72	168.9	0.05	42.14

2.786	14.65	5.02	2.63	4.75	171.03	0.02	42.13
2.827	14.65	5.02	2.67	4.92	173.74	0.07	42.13
2.886	14.64	5.02	2.71	5.29	177.57	0.03	42.13
2.96	14.64	5.02	2.48	5.48	180.06	0.03	42.14
3.029	14.63	5.02	2.44	5.63	179.22	0.01	42.15
3.132	14.63	5.02	2.56	5.73	192.26	0.04	42.13
3.197	14.63	5.02	2.52	5.71	193.42	0.06	42.13
3.261	14.62	5.02	2.36	5.67	188.56	0.03	42.15
3.378	14.62	5.02	2.48	5.44	194.14	0.02	42.13
3.444	14.61	5.02	2.36	5.4	196.45	0.05	42.14
3.499	14.61	5.02	2.44	5.38	205.11	0.03	42.14
3.56	14.6	5.02	2.44	5.37	204.82	0.05	42.14
3.629	14.6	5.02	2.56	5.34	203.35	0.07	42.14
3.707	14.6	5.02	2.59	5.34	201.95	0.04	42.14
3.769	14.6	5.02	2.56	5.33	196.95	0.05	42.16
3.845	14.6	5.02	2.59	5.31	195.09	0.01	42.15
3.913	14.59	5.02	2.63	5.31	200.73	0.04	42.14
4.008	14.59	5.02	2.52	5.31	188.47	0.06	42.14
4.147	14.59	5.02	2.33	5.3	182.66	0.03	42.16
4.18	14.59	5.02	2.59	5.29	180.98	0.01	42.16
4.218	14.6	5.02	2.56	5.29	184.83	0.04	42.14
4.285	14.6	5.02	2.78	5.27	178.56	0.07	42.14
4.365	14.59	5.02	2.63	5.26	175.48	0.06	42.14
4.439	14.59	5.02	2.44	5.25	172.22	0.02	42.15
4.495	14.59	5.02	2.44	5.24	170.43	0.04	42.16
4.537	14.59	5.02	2.56	5.24	168.12	0.03	42.16
4.579	14.59	5.02	2.67	5.24	163.2	0.03	42.16
4.639	14.59	5.02	2.63	5.24	159.17	0.04	42.14
4.723	14.58	5.01	2.63	5.23	156.14	0.06	42.14
4.803	14.58	5.01	2.71	5.22	152.35	0.03	42.14
4.86	14.58	5.01	2.71	5.22	148.93	0.04	42.14
4.895	14.58	5.01	2.75	5.2	149.9	0.05	42.14
4.939	14.58	5.01	2.86	5.19	145.92	0.06	42.14
5.007	14.57	5.01	2.82	5.19	140.51	0.08	42.14
5.087	14.57	5.01	2.75	5.18	136.02	0.09	42.14
5.164	14.57	5.01	2.86	5.19	131.1	0.03	42.14
5.226	14.57	5.01	2.67	5.2	130.13	0.06	42.14
5.265	14.57	5.01	2.67	5.23	130.37	0.06	42.14
5.344	14.57	5.01	2.78	5.26	124.47	0.07	42.14
5.389	14.57	5.01	2.9	5.28	120.3	0.07	42.14
5.44	14.57	5.01	2.71	5.29	117.35	0.09	42.14
5.499	14.57	5.01	2.75	5.3	115.46	0.06	42.14
5.551	14.57	5.01	2.75	5.3	114.29	0.06	42.14
5.582	14.57	5.01	2.82	5.31	113.79	0.06	42.14
5.601	14.57	5.01	2.71	5.31	111.16	0.06	42.14
5.638	14.57	5.01	2.75	5.32	108.11	0.08	42.14
5.689	14.57	5.01	2.9	5.32	106.39	0.11	42.14
5.728	14.57	5.01	2.78	5.32	105.02	0.1	42.14
5.761	14.57	5.01	2.67	5.32	103.12	0.09	42.14
5.806	14.57	5.01	2.82	5.32	100.31	0.11	42.14
5.844	14.57	5.01	2.71	5.33	96.66	0.08	42.14
5.865	14.58	5.01	2.9	5.35	94.25	0.08	42.14
5.868	14.58	5.01	2.86	5.34	94.29	0.07	42.14



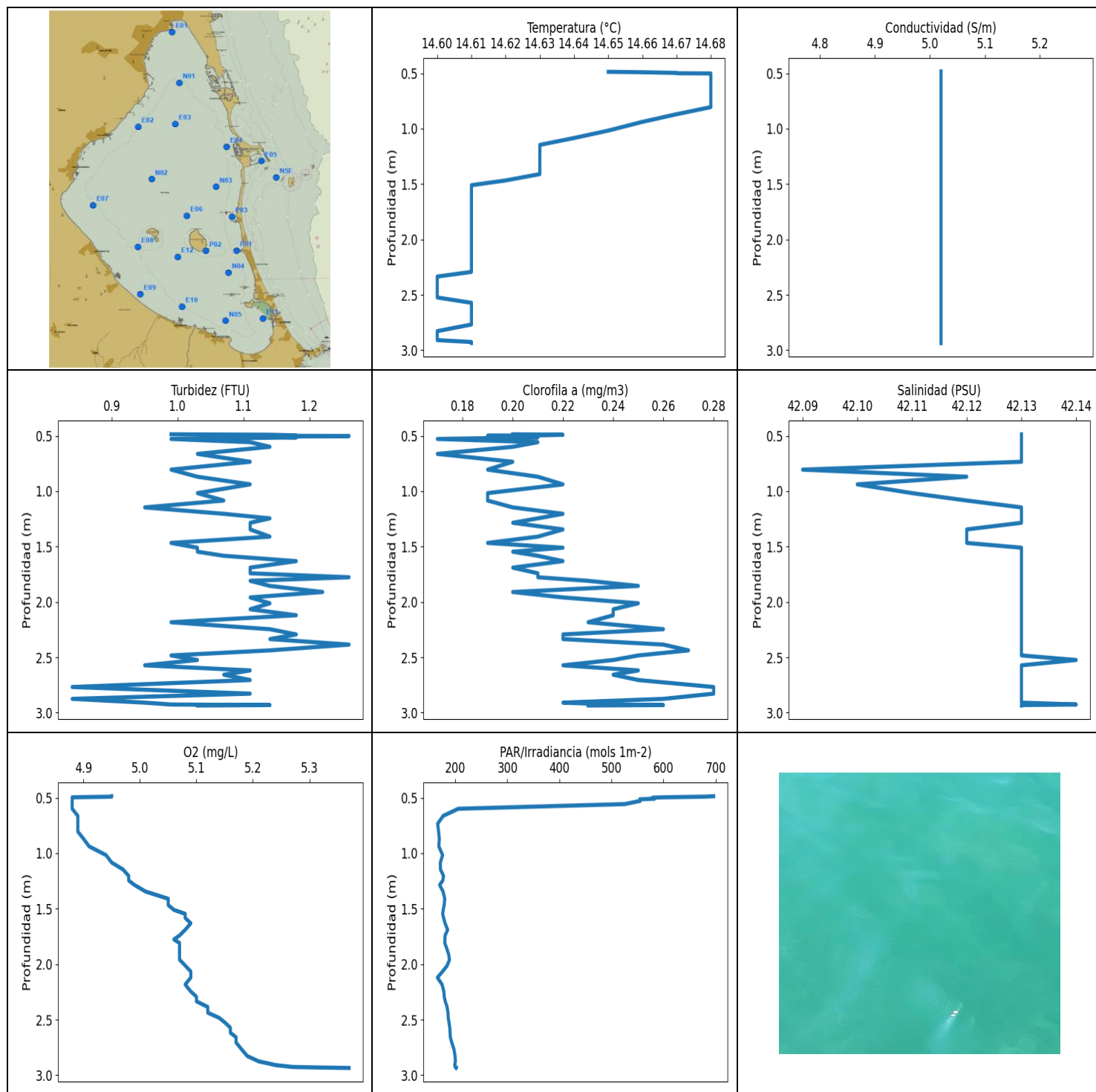
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.27	4.96	0.15	4.67	121.22	0.0	41.99
PROF (metros)	0.379	0.379	0.379	0.801	1.405	1.334	0.422
MÁXIMO	14.28	14.28	1.03	5.13	527.8	0.1	42.0
PROF (metros)	1.03	0.379	0.422	1.481	0.401	0.422	0.379

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	14.27	4.96	0.54	4.75	333.5	0.05	41.99
1 - 2m	14.27	4.96	0.61	5.0	130.04	0.03	41.99

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.379	14.27	4.96	0.15	4.85	518.46	0.05	42.0
0.401	14.27	4.96	0.15	4.84	527.8	0.04	42.0
0.402	14.27	4.96	0.95	4.82	510.83	0.09	42.0
0.422	14.27	4.96	1.03	4.8	507.05	0.1	41.99
0.474	14.27	4.96	0.38	4.79	504.94	0.02	41.99
0.53	14.27	4.96	0.46	4.77	505.76	0.08	41.99
0.569	14.27	4.96	0.61	4.74	226.76	0.06	41.99
0.618	14.27	4.96	0.5	4.72	149.37	0.09	41.99
0.745	14.27	4.96	0.61	4.68	134.3	0.05	41.99
0.801	14.27	4.96	0.57	4.67	148.07	0.02	41.99
0.854	14.27	4.96	0.57	4.68	134.58	0.01	41.99
0.993	14.27	4.96	0.53	4.7	134.08	0.05	41.99
1.03	14.28	4.96	0.61	4.74	135.74	0.02	41.99
1.048	14.28	4.96	0.53	4.8	129.14	0.04	41.99
1.077	14.28	4.96	0.5	4.85	131.31	0.04	41.99
1.132	14.28	4.96	0.72	4.92	132.97	0.02	41.99
1.173	14.28	4.96	0.69	4.97	133.0	0.01	41.99
1.204	14.28	4.96	0.53	5.03	129.29	0.06	41.99
1.293	14.27	4.96	0.65	5.06	129.95	0.03	41.99
1.334	14.27	4.96	0.65	5.06	132.94	0.0	41.99
1.372	14.27	4.96	0.57	5.06	125.72	0.01	41.99
1.405	14.27	4.96	0.69	5.06	121.22	0.03	41.99
1.436	14.27	4.96	0.76	5.07	121.7	0.04	42.0
1.472	14.27	4.96	0.57	5.1	130.92	0.03	41.99
1.477	14.27	4.96	0.53	5.12	131.95	0.04	41.99
1.481	14.27	4.96	0.57	5.13	134.7	0.02	41.99



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

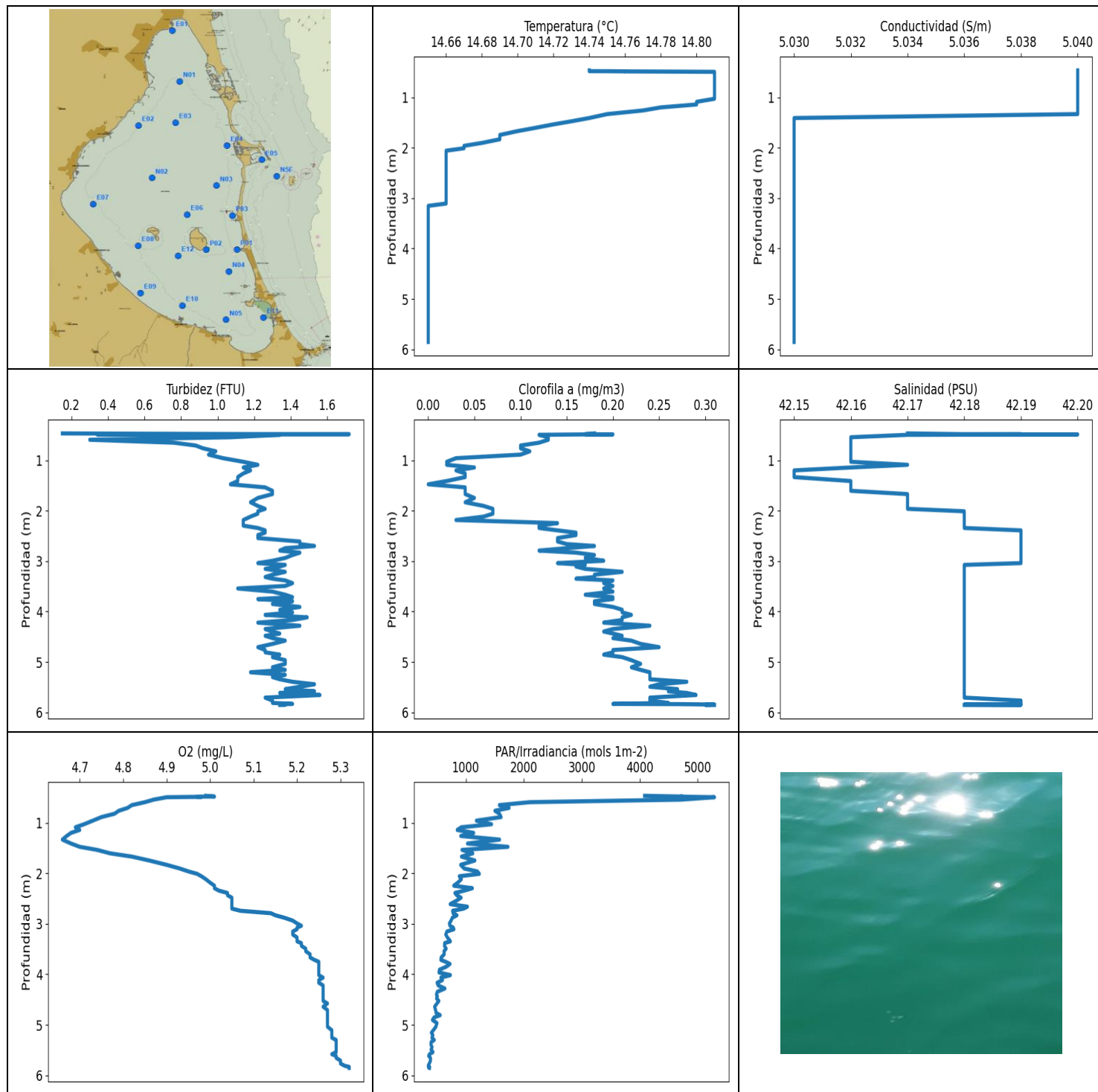
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.6	5.02	0.84	4.88	165.68	0.17	42.09
PROF (metros)	2.335	0.486	2.768	0.496	2.12	0.528	0.805
MÁXIMO	14.68	14.68	1.26	5.37	696.23	0.28	42.14
PROF (metros)	0.501	0.486	0.501	2.935	0.486	2.768	2.524

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	14.67	5.02	1.1	4.89	426.96	0.2	42.12
1 - 2m	14.62	5.02	1.1	5.04	178.69	0.21	42.13
2 - 3m	14.61	5.02	1.07	5.16	188.5	0.25	42.13

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.486	14.65	5.02	0.99	4.95	696.23	0.2	42.13
0.49	14.66	5.02	1.14	4.95	679.49	0.22	42.13
0.496	14.67	5.02	1.18	4.88	599.0	0.21	42.13
0.499	14.67	5.02	1.11	4.88	578.93	0.19	42.13
0.501	14.68	5.02	1.26	4.88	578.26	0.2	42.13
0.508	14.68	5.02	1.14	4.88	582.7	0.19	42.13
0.514	14.68	5.02	1.18	4.88	554.25	0.21	42.13
0.528	14.68	5.02	0.99	4.88	555.15	0.17	42.13
0.557	14.68	5.02	1.11	4.88	525.72	0.21	42.13
0.599	14.68	5.02	1.14	4.88	205.73	0.2	42.13
0.663	14.68	5.02	1.03	4.89	176.87	0.17	42.13
0.734	14.68	5.02	1.11	4.89	166.14	0.2	42.13
0.805	14.68	5.02	0.99	4.89	168.04	0.19	42.09
0.869	14.67	5.02	1.03	4.9	169.37	0.21	42.12
0.938	14.66	5.02	1.11	4.91	168.47	0.22	42.1
1.017	14.65	5.02	1.03	4.94	175.69	0.19	42.11
1.084	14.64	5.02	1.07	4.95	171.34	0.19	42.12
1.146	14.63	5.02	0.95	4.97	171.62	0.2	42.13
1.204	14.63	5.02	1.07	4.98	177.49	0.22	42.13
1.245	14.63	5.02	1.14	4.98	176.14	0.21	42.13
1.285	14.63	5.02	1.11	4.99	170.04	0.2	42.13
1.345	14.63	5.02	1.11	5.01	176.58	0.22	42.12
1.41	14.63	5.02	1.14	5.05	179.85	0.21	42.12
1.467	14.62	5.02	0.99	5.05	178.64	0.19	42.12
1.51	14.61	5.02	1.03	5.06	176.99	0.22	42.13
1.546	14.61	5.02	1.03	5.08	175.89	0.2	42.13
1.583	14.61	5.02	1.07	5.08	177.61	0.21	42.13
1.631	14.61	5.02	1.18	5.09	180.43	0.22	42.13
1.69	14.61	5.02	1.11	5.08	185.39	0.2	42.13
1.741	14.61	5.02	1.11	5.07	180.47	0.21	42.13
1.777	14.61	5.02	1.26	5.06	180.18	0.21	42.13
1.809	14.61	5.02	1.11	5.07	179.85	0.23	42.13
1.855	14.61	5.02	1.14	5.07	183.47	0.25	42.13
1.91	14.61	5.02	1.22	5.07	187.29	0.2	42.13
1.959	14.61	5.02	1.11	5.07	188.86	0.22	42.13
2.012	14.61	5.02	1.14	5.08	184.53	0.25	42.13
2.066	14.61	5.02	1.11	5.09	175.56	0.24	42.13
2.12	14.61	5.02	1.18	5.09	165.68	0.24	42.13
2.183	14.61	5.02	0.99	5.08	174.67	0.23	42.13

2.246	14.61	5.02	1.14	5.09	178.15	0.26	42.13
2.293	14.61	5.02	1.18	5.1	178.77	0.22	42.13
2.335	14.6	5.02	1.14	5.1	180.81	0.22	42.13
2.385	14.6	5.02	1.26	5.12	184.32	0.26	42.13
2.437	14.6	5.02	1.14	5.12	186.04	0.27	42.13
2.483	14.6	5.02	0.99	5.14	186.56	0.25	42.13
2.524	14.6	5.02	1.03	5.15	187.94	0.24	42.14
2.572	14.61	5.02	0.95	5.16	189.52	0.22	42.13
2.618	14.61	5.02	1.11	5.16	190.09	0.25	42.13
2.657	14.61	5.02	1.07	5.17	190.58	0.24	42.13
2.705	14.61	5.02	1.11	5.17	193.2	0.25	42.13
2.768	14.61	5.02	0.84	5.18	197.59	0.28	42.13
2.828	14.6	5.02	1.11	5.19	199.62	0.28	42.13
2.875	14.6	5.02	0.84	5.21	200.27	0.26	42.13
2.909	14.6	5.02	0.95	5.24	198.93	0.22	42.13
2.926	14.61	5.02	0.99	5.27	199.85	0.24	42.14
2.931	14.61	5.02	1.14	5.32	202.56	0.26	42.13
2.935	14.61	5.02	1.03	5.37	201.85	0.23	42.13



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	14.65	5.03	0.15	4.66	352.3	0.0	42.15
PROF (metros)	3.153	1.41	0.465	1.332	5.813	1.475	1.199
MÁXIMO	14.81	14.81	1.72	5.32	5289.5	0.31	42.2
PROF (metros)	0.493	0.465	0.481	5.833	0.493	5.845	0.485

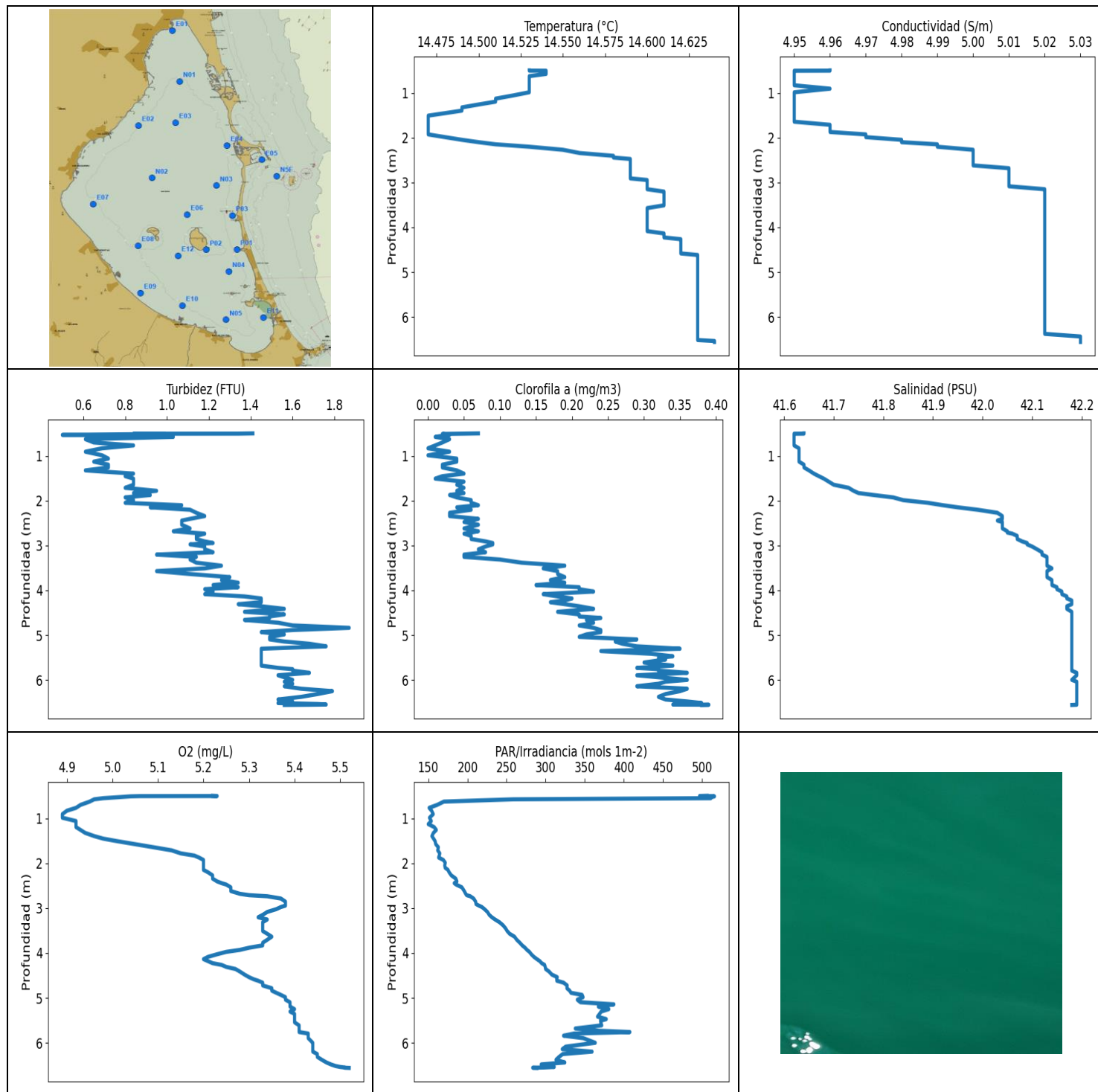
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.79	5.04	0.9	4.87	3180.39	0.13	42.17
1 - 2m	14.74	5.03	1.19	4.76	1121.64	0.04	42.16
2 - 3m	14.66	5.03	1.3	5.06	877.79	0.13	42.18
3 - 4m	14.65	5.03	1.32	5.22	660.8	0.18	42.18
4 - 5m	14.65	5.03	1.32	5.26	525.56	0.21	42.18
5 - 6m	14.65	5.03	1.37	5.29	397.87	0.26	42.18

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.465	14.74	5.04	0.15	4.99	4084.0	0.18	42.17
0.48	14.74	5.04	1.18	5.01	4741.4	0.17	42.18
0.481	14.75	5.04	1.72	4.97	4699.8	0.17	42.19
0.484	14.76	5.04	0.34	4.97	4820.1	0.2	42.18
0.485	14.76	5.04	0.95	4.98	4876.2	0.17	42.2
0.493	14.81	5.04	1.34	4.9	5289.5	0.12	42.17
0.541	14.81	5.04	1.07	4.87	4708.5	0.13	42.16
0.591	14.81	5.04	0.3	4.85	2106.7	0.13	42.16
0.649	14.81	5.04	0.76	4.82	1578.6	0.12	42.16
0.705	14.81	5.04	0.88	4.81	1746.1	0.1	42.16
0.761	14.81	5.04	0.92	4.79	1502.6	0.1	42.16
0.82	14.81	5.04	0.99	4.78	1580.5	0.11	42.16
0.886	14.81	5.04	0.95	4.75	1609.3	0.1	42.16
0.957	14.81	5.04	1.03	4.73	1182.1	0.03	42.16
1.028	14.81	5.04	1.14	4.71	1444.9	0.02	42.16
1.088	14.8	5.04	1.22	4.69	921.62	0.02	42.17
1.141	14.8	5.04	1.14	4.7	852.37	0.05	42.16
1.199	14.78	5.04	1.18	4.68	1136.2	0.03	42.15
1.26	14.77	5.04	1.14	4.67	913.11	0.04	42.15
1.332	14.75	5.04	1.11	4.66	1582.3	0.04	42.15
1.41	14.74	5.03	1.11	4.68	1029.1	0.02	42.16
1.475	14.73	5.03	1.07	4.7	1727.2	0.0	42.16
1.536	14.72	5.03	1.26	4.74	934.52	0.04	42.16
1.604	14.71	5.03	1.3	4.77	1120.5	0.04	42.16
1.669	14.7	5.03	1.3	4.82	924.83	0.04	42.17
1.746	14.69	5.03	1.22	4.86	1156.6	0.05	42.17
1.832	14.69	5.03	1.18	4.9	911.0	0.04	42.17
1.904	14.68	5.03	1.22	4.93	971.63	0.06	42.17
1.962	14.67	5.03	1.26	4.95	1198.7	0.07	42.17
2.01	14.67	5.03	1.22	4.97	1233.6	0.07	42.18
2.058	14.66	5.03	1.22	4.98	887.45	0.07	42.18
2.116	14.66	5.03	1.18	4.99	923.54	0.06	42.18
2.184	14.66	5.03	1.14	5.0	862.7	0.03	42.18
2.245	14.66	5.03	1.14	5.01	792.17	0.14	42.18
2.295	14.66	5.03	1.14	5.01	1113.0	0.12	42.18
2.342	14.66	5.03	1.22	5.02	973.88	0.12	42.18

2.389	14.66	5.03	1.26	5.04	812.25	0.14	42.19
2.434	14.66	5.03	1.26	5.04	844.7	0.16	42.19
2.482	14.66	5.03	1.22	5.05	918.84	0.16	42.19
2.542	14.66	5.03	1.22	5.05	838.07	0.14	42.19
2.61	14.66	5.03	1.45	5.05	731.13	0.14	42.19
2.661	14.66	5.03	1.45	5.05	1028.4	0.15	42.19
2.699	14.66	5.03	1.53	5.05	963.11	0.18	42.19
2.742	14.66	5.03	1.37	5.07	772.77	0.15	42.19
2.79	14.66	5.03	1.34	5.14	781.05	0.12	42.19
2.831	14.66	5.03	1.45	5.15	846.86	0.16	42.19
2.878	14.66	5.03	1.41	5.17	768.48	0.18	42.19
2.936	14.66	5.03	1.37	5.19	746.19	0.17	42.19
2.992	14.66	5.03	1.3	5.2	717.53	0.19	42.19
3.039	14.66	5.03	1.22	5.21	727.24	0.14	42.19
3.074	14.66	5.03	1.37	5.2	781.96	0.17	42.18
3.107	14.66	5.03	1.34	5.2	795.3	0.16	42.18
3.153	14.65	5.03	1.26	5.19	674.0	0.17	42.18
3.212	14.65	5.03	1.37	5.19	655.06	0.21	42.18
3.269	14.65	5.03	1.3	5.2	681.54	0.18	42.18
3.315	14.65	5.03	1.26	5.2	714.87	0.18	42.18
3.348	14.65	5.03	1.3	5.2	734.01	0.16	42.18
3.382	14.65	5.03	1.37	5.21	635.47	0.2	42.18
3.436	14.65	5.03	1.41	5.21	632.53	0.19	42.18
3.492	14.65	5.03	1.37	5.22	660.7	0.2	42.18
3.542	14.65	5.03	1.11	5.22	624.95	0.19	42.18
3.604	14.65	5.03	1.3	5.23	627.85	0.2	42.18
3.666	14.65	5.03	1.37	5.23	575.45	0.17	42.18
3.715	14.65	5.03	1.41	5.24	570.54	0.2	42.18
3.752	14.65	5.03	1.22	5.25	651.73	0.2	42.18
3.795	14.65	5.03	1.41	5.25	728.08	0.18	42.18
3.85	14.65	5.03	1.3	5.25	661.47	0.18	42.18
3.909	14.65	5.03	1.45	5.25	545.2	0.2	42.18
3.964	14.65	5.03	1.34	5.25	538.05	0.21	42.18
4.016	14.65	5.03	1.41	5.25	734.69	0.21	42.18
4.066	14.65	5.03	1.26	5.26	570.14	0.22	42.18
4.115	14.65	5.03	1.49	5.25	597.06	0.21	42.18
4.167	14.65	5.03	1.41	5.25	504.71	0.21	42.18
4.22	14.65	5.03	1.22	5.26	524.62	0.19	42.18
4.281	14.65	5.03	1.45	5.26	640.2	0.24	42.18
4.346	14.65	5.03	1.26	5.26	509.05	0.2	42.18
4.397	14.65	5.03	1.3	5.26	493.94	0.19	42.18
4.436	14.65	5.03	1.34	5.26	509.52	0.2	42.18
4.481	14.65	5.03	1.26	5.26	496.12	0.21	42.18
4.527	14.65	5.03	1.3	5.26	535.56	0.2	42.18
4.577	14.65	5.03	1.37	5.27	503.19	0.22	42.18
4.642	14.65	5.03	1.3	5.26	462.05	0.23	42.18
4.707	14.65	5.03	1.22	5.27	479.62	0.25	42.18
4.763	14.65	5.03	1.26	5.27	487.23	0.2	42.18
4.809	14.65	5.03	1.26	5.27	558.76	0.2	42.18
4.855	14.65	5.03	1.34	5.27	451.25	0.19	42.18
4.904	14.65	5.03	1.3	5.27	425.36	0.21	42.18
4.965	14.65	5.03	1.37	5.27	502.49	0.22	42.18
5.038	14.65	5.03	1.37	5.27	484.2	0.23	42.18
5.106	14.65	5.03	1.3	5.28	441.02	0.22	42.18
5.157	14.65	5.03	1.37	5.28	406.28	0.23	42.18
5.205	14.65	5.03	1.18	5.28	432.11	0.24	42.18
5.256	14.65	5.03	1.37	5.28	415.8	0.24	42.18
5.3	14.65	5.03	1.3	5.29	456.09	0.24	42.18

5.344	14.65	5.03	1.34	5.29	400.85	0.24	42.18
5.394	14.65	5.03	1.41	5.29	399.55	0.28	42.18
5.443	14.65	5.03	1.53	5.29	417.73	0.25	42.18
5.492	14.65	5.03	1.45	5.29	401.13	0.24	42.18
5.54	14.65	5.03	1.37	5.29	434.02	0.27	42.18
5.582	14.65	5.03	1.53	5.28	373.49	0.26	42.18
5.615	14.65	5.03	1.34	5.29	359.4	0.28	42.18
5.656	14.65	5.03	1.56	5.29	390.76	0.29	42.18
5.708	14.65	5.03	1.26	5.3	391.03	0.24	42.18
5.767	14.65	5.03	1.3	5.3	370.73	0.24	42.19
5.813	14.65	5.03	1.3	5.31	352.3	0.26	42.19
5.833	14.65	5.03	1.41	5.32	372.54	0.2	42.19
5.837	14.65	5.03	1.37	5.32	356.74	0.27	42.19
5.845	14.65	5.03	1.37	5.32	360.65	0.31	42.18
5.852	14.65	5.03	1.37	5.32	363.08	0.3	42.19
5.854	14.65	5.03	1.34	5.32	373.67	0.31	42.18



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.47	4.95	0.5	4.89	149.79	0.0	41.62
PROF (metros)	1.509	0.507	0.533	0.908	1.13	0.832	0.507
MÁXIMO	14.64	14.64	1.87	5.52	516.06	0.39	42.19
PROF (metros)	6.537	6.437	4.838	6.559	0.512	6.554	5.841

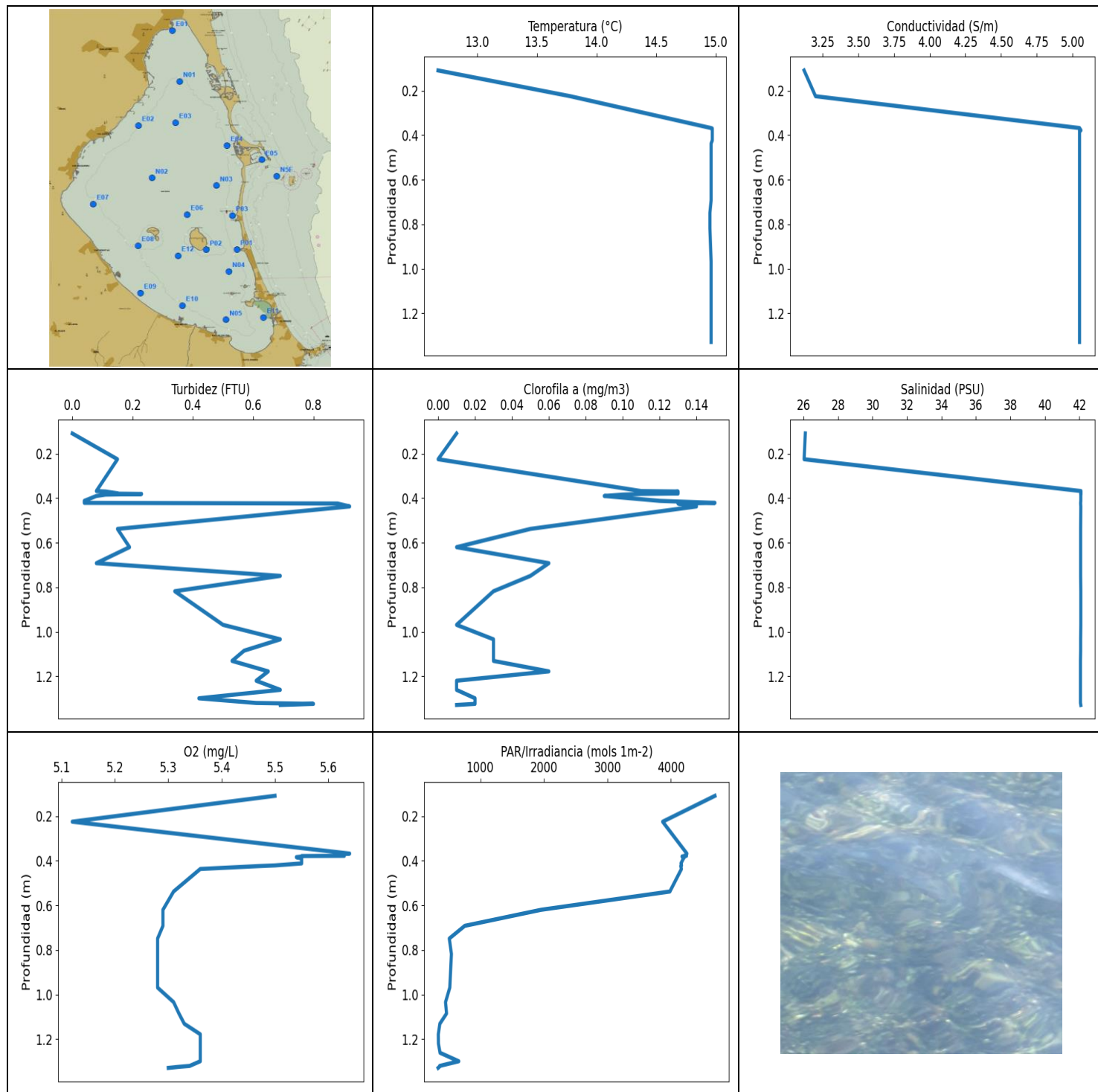
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.53	4.95	0.86	5.0	327.62	0.03	41.63
1 - 2m	14.48	4.96	0.8	5.05	160.21	0.04	41.7
2 - 3m	14.57	5.0	1.09	5.28	192.86	0.06	42.03
3 - 4m	14.6	5.02	1.18	5.33	251.25	0.14	42.13
4 - 5m	14.62	5.02	1.47	5.29	311.62	0.21	42.18
5 - 6m	14.63	5.02	1.53	5.41	363.29	0.3	42.18
6 - 7m	14.63	5.03	1.63	5.47	314.27	0.35	42.19

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.5	14.53	4.96	1.41	5.22	506.58	0.07	41.64
0.505	14.53	4.96	1.34	5.23	496.93	0.05	41.64
0.507	14.54	4.95	0.84	5.06	514.15	0.04	41.62
0.512	14.54	4.95	0.99	5.04	516.06	0.02	41.62
0.533	14.54	4.95	0.5	5.01	511.89	0.03	41.62
0.553	14.54	4.95	0.99	4.98	511.3	0.02	41.62
0.578	14.54	4.95	1.03	4.96	258.67	0.01	41.62
0.629	14.53	4.95	0.61	4.95	169.76	0.03	41.62
0.702	14.53	4.95	0.65	4.93	161.21	0.02	41.62
0.768	14.53	4.95	0.84	4.92	150.91	0.01	41.62
0.832	14.53	4.95	0.69	4.9	154.12	0.0	41.63
0.908	14.53	4.96	0.61	4.89	156.17	0.03	41.63
0.988	14.53	4.95	0.69	4.89	151.36	0.0	41.63
1.062	14.52	4.95	0.72	4.92	153.69	0.04	41.63
1.13	14.51	4.95	0.65	4.92	149.79	0.04	41.63
1.197	14.51	4.95	0.72	4.92	157.44	0.02	41.64
1.26	14.5	4.95	0.72	4.93	160.13	0.02	41.64
1.325	14.49	4.95	0.61	4.94	156.39	0.04	41.65
1.397	14.49	4.95	0.84	4.96	154.48	0.05	41.66
1.454	14.48	4.95	0.8	4.98	156.61	0.02	41.67
1.509	14.47	4.95	0.84	5.01	158.58	0.01	41.68
1.577	14.47	4.95	0.84	5.05	159.39	0.05	41.69
1.645	14.47	4.95	0.84	5.09	162.75	0.04	41.7
1.714	14.47	4.96	0.8	5.13	161.88	0.05	41.73
1.781	14.47	4.96	0.95	5.15	164.61	0.04	41.74
1.831	14.47	4.96	0.84	5.18	163.89	0.05	41.75
1.874	14.47	4.96	0.92	5.19	163.05	0.03	41.78
1.928	14.47	4.97	0.8	5.2	169.09	0.04	41.82
1.989	14.48	4.97	0.84	5.2	171.58	0.06	41.84
2.049	14.49	4.98	0.8	5.2	170.87	0.06	41.89
2.102	14.5	4.98	1.07	5.2	171.46	0.07	41.92
2.149	14.51	4.99	0.92	5.2	175.04	0.04	41.95
2.203	14.53	4.99	1.11	5.21	176.54	0.06	41.99
2.271	14.55	5.0	1.14	5.22	179.31	0.03	42.03
2.344	14.56	5.0	1.18	5.22	185.01	0.03	42.04

2.406	14.58	5.0	1.11	5.23	186.47	0.07	42.04
2.445	14.58	5.0	1.07	5.24	183.04	0.06	42.03
2.476	14.59	5.0	1.07	5.25	185.48	0.05	42.04
2.537	14.59	5.0	1.07	5.26	192.8	0.07	42.04
2.62	14.59	5.0	1.11	5.26	195.86	0.05	42.04
2.682	14.59	5.01	1.03	5.28	197.69	0.07	42.05
2.712	14.59	5.01	1.11	5.3	198.97	0.06	42.05
2.736	14.59	5.01	1.18	5.34	203.54	0.05	42.06
2.787	14.59	5.01	1.14	5.37	207.83	0.06	42.07
2.856	14.59	5.01	1.14	5.38	210.45	0.06	42.07
2.91	14.59	5.01	1.18	5.38	210.89	0.08	42.08
2.945	14.6	5.01	1.22	5.38	214.59	0.09	42.09
2.976	14.6	5.01	1.11	5.37	218.45	0.09	42.09
3.023	14.6	5.01	1.18	5.36	221.77	0.08	42.1
3.086	14.6	5.01	1.18	5.34	225.55	0.07	42.11
3.151	14.6	5.02	1.22	5.33	227.92	0.08	42.12
3.204	14.61	5.02	0.95	5.32	231.22	0.05	42.12
3.255	14.61	5.02	1.14	5.34	235.38	0.05	42.13
3.314	14.61	5.02	1.11	5.33	240.9	0.1	42.13
3.384	14.61	5.02	1.14	5.33	245.58	0.13	42.13
3.451	14.61	5.02	1.26	5.33	248.73	0.19	42.13
3.511	14.61	5.02	1.18	5.33	250.81	0.16	42.14
3.572	14.6	5.02	0.95	5.34	253.97	0.18	42.13
3.637	14.6	5.02	1.11	5.35	260.17	0.18	42.13
3.706	14.6	5.02	1.3	5.34	263.08	0.19	42.13
3.772	14.6	5.02	1.26	5.33	267.01	0.17	42.14
3.831	14.6	5.02	1.34	5.33	270.06	0.19	42.14
3.883	14.6	5.02	1.22	5.3	273.65	0.15	42.14
3.931	14.6	5.02	1.34	5.28	276.14	0.21	42.15
3.975	14.6	5.02	1.18	5.25	279.29	0.21	42.15
4.028	14.6	5.02	1.22	5.23	281.63	0.23	42.16
4.086	14.6	5.02	1.18	5.21	284.98	0.16	42.16
4.137	14.61	5.02	1.37	5.2	288.9	0.18	42.17
4.182	14.61	5.02	1.45	5.21	292.61	0.2	42.17
4.227	14.61	5.02	1.45	5.22	294.92	0.19	42.18
4.266	14.62	5.02	1.45	5.24	298.71	0.17	42.18
4.31	14.62	5.02	1.34	5.25	299.47	0.19	42.18
4.356	14.62	5.02	1.45	5.27	299.96	0.21	42.17
4.414	14.62	5.02	1.56	5.28	304.44	0.23	42.17
4.48	14.62	5.02	1.37	5.29	307.85	0.18	42.18
4.538	14.62	5.02	1.56	5.3	314.85	0.21	42.18
4.584	14.62	5.02	1.49	5.31	314.19	0.21	42.18
4.618	14.63	5.02	1.49	5.32	314.33	0.24	42.18
4.661	14.63	5.02	1.37	5.33	322.98	0.22	42.18
4.723	14.63	5.02	1.53	5.33	327.57	0.23	42.18
4.784	14.63	5.02	1.6	5.35	327.19	0.21	42.18
4.838	14.63	5.02	1.87	5.35	330.7	0.23	42.18
4.887	14.63	5.02	1.6	5.36	332.47	0.24	42.18
4.933	14.63	5.02	1.45	5.37	346.71	0.24	42.18
4.984	14.63	5.02	1.56	5.38	347.92	0.22	42.18
5.04	14.63	5.02	1.49	5.38	340.5	0.21	42.18
5.096	14.63	5.02	1.49	5.39	344.39	0.29	42.18
5.143	14.63	5.02	1.56	5.39	387.33	0.26	42.18
5.193	14.63	5.02	1.68	5.39	367.4	0.27	42.18
5.25	14.63	5.02	1.76	5.4	380.84	0.29	42.18
5.304	14.63	5.02	1.45	5.39	370.99	0.35	42.18
5.356	14.63	5.02	1.45	5.4	369.02	0.24	42.18
5.417	14.63	5.02	1.45	5.4	366.38	0.31	42.18

5.472	14.63	5.02	1.45	5.4	377.58	0.34	42.18
5.508	14.63	5.02	1.45	5.4	370.22	0.32	42.18
5.544	14.63	5.02	1.45	5.4	370.56	0.33	42.18
5.611	14.63	5.02	1.45	5.41	371.77	0.3	42.18
5.681	14.63	5.02	1.45	5.41	337.91	0.34	42.18
5.731	14.63	5.02	1.53	5.41	368.68	0.29	42.18
5.76	14.63	5.02	1.6	5.41	407.79	0.32	42.18
5.793	14.63	5.02	1.6	5.43	336.42	0.32	42.18
5.841	14.63	5.02	1.68	5.43	322.9	0.36	42.19
5.896	14.63	5.02	1.53	5.43	348.32	0.29	42.19
5.999	14.63	5.02	1.6	5.44	363.5	0.36	42.18
6.039	14.63	5.02	1.56	5.44	345.67	0.33	42.19
6.085	14.63	5.02	1.6	5.44	325.61	0.32	42.19
6.141	14.63	5.02	1.56	5.44	321.26	0.29	42.19
6.196	14.63	5.02	1.64	5.44	359.4	0.36	42.19
6.25	14.63	5.02	1.79	5.45	321.85	0.35	42.19
6.314	14.63	5.02	1.72	5.45	317.12	0.33	42.19
6.378	14.63	5.02	1.64	5.46	313.24	0.32	42.19
6.437	14.63	5.03	1.53	5.47	324.55	0.33	42.19
6.481	14.63	5.03	1.6	5.48	294.31	0.36	42.19
6.516	14.63	5.03	1.53	5.49	295.88	0.38	42.19
6.537	14.64	5.03	1.72	5.5	311.0	0.36	42.19
6.549	14.64	5.03	1.76	5.51	297.6	0.34	42.19
6.554	14.64	5.03	1.68	5.51	283.46	0.39	42.19
6.559	14.64	5.03	1.56	5.52	288.84	0.38	42.18



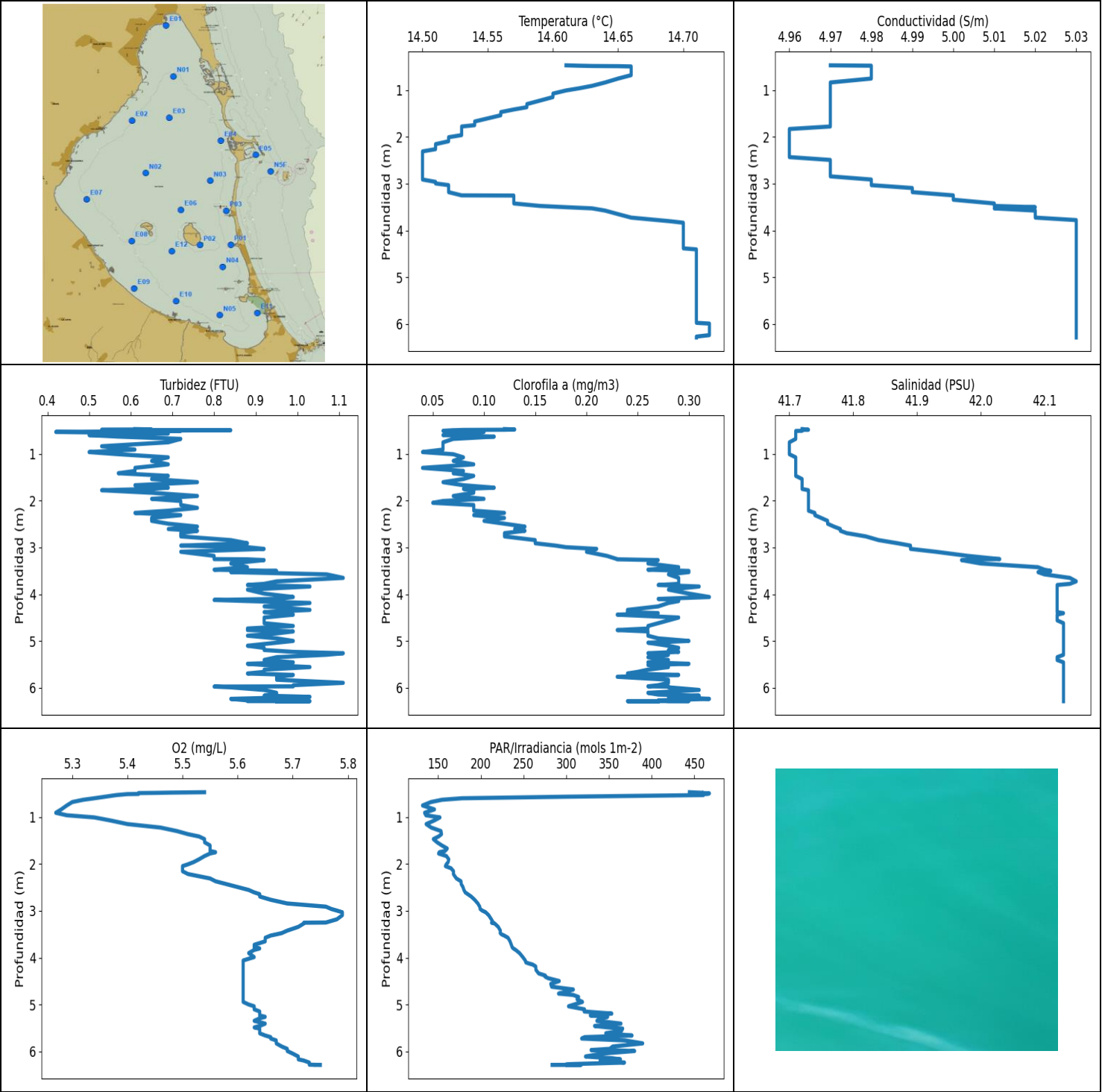
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.67	3.12	0.0	5.12	332.86	0.0	26.03
PROF (metros)	0.109	0.109	0.109	0.225	1.329	0.225	0.225
MÁXIMO	14.97	14.97	0.92	5.64	4696.6	0.15	42.1
PROF (metros)	0.37	0.378	0.437	0.368	0.109	0.421	0.368

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	14.9	4.95	0.27	5.43	3240.5	0.09	41.2
1 - 2m	14.96	5.05	0.63	5.34	401.35	0.02	42.08

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.109	12.67	3.12	0.0	5.5	4696.6	0.01	26.1
0.225	13.78	3.2	0.15	5.12	3872.0	0.0	26.03
0.368	14.96	5.05	0.08	5.64	4254.0	0.11	42.1
0.37	14.97	5.05	0.11	5.63	4240.2	0.13	42.1
0.378	14.97	5.06	0.15	5.63	4248.1	0.12	42.1
0.379	14.97	5.05	0.11	5.55	4206.0	0.13	42.09
0.381	14.97	5.05	0.23	5.55	4176.8	0.11	42.1
0.384	14.97	5.05	0.11	5.54	4214.7	0.1	42.09
0.39	14.97	5.05	0.08	5.55	4199.1	0.09	42.09
0.412	14.97	5.05	0.04	5.55	4160.4	0.12	42.09
0.421	14.97	5.05	0.04	5.5	4170.0	0.15	42.08
0.424	14.97	5.05	0.88	5.47	4156.5	0.13	42.08
0.437	14.96	5.05	0.92	5.36	4168.1	0.14	42.09
0.538	14.96	5.05	0.15	5.31	3985.8	0.05	42.08
0.62	14.96	5.05	0.19	5.29	1956.1	0.01	42.08
0.692	14.96	5.05	0.08	5.29	752.62	0.06	42.08
0.749	14.95	5.05	0.69	5.28	509.17	0.05	42.08
0.818	14.95	5.05	0.34	5.28	542.56	0.03	42.09
0.969	14.96	5.05	0.5	5.28	516.78	0.01	42.09
1.034	14.96	5.05	0.69	5.31	449.69	0.03	42.08
1.085	14.96	5.05	0.57	5.32	465.92	0.03	42.08
1.131	14.96	5.05	0.53	5.33	359.9	0.03	42.07
1.178	14.96	5.05	0.65	5.36	336.03	0.06	42.07
1.22	14.96	5.05	0.61	5.36	337.91	0.01	42.07
1.261	14.96	5.05	0.69	5.36	363.0	0.01	42.07
1.299	14.96	5.05	0.42	5.36	658.56	0.02	42.07
1.32	14.96	5.05	0.61	5.34	357.57	0.02	42.07
1.324	14.96	5.05	0.8	5.32	352.06	0.02	42.08
1.329	14.96	5.05	0.69	5.3	332.86	0.01	42.09



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.5	4.96	0.42	5.27	131.59	0.04	41.7
PROF (metros)	2.308	1.829	0.527	0.905	0.749	0.958	0.749
MÁXIMO	14.72	14.72	1.11	5.79	467.87	0.32	42.15
PROF (metros)	5.993	3.778	3.651	3.03	0.49	4.06	3.725

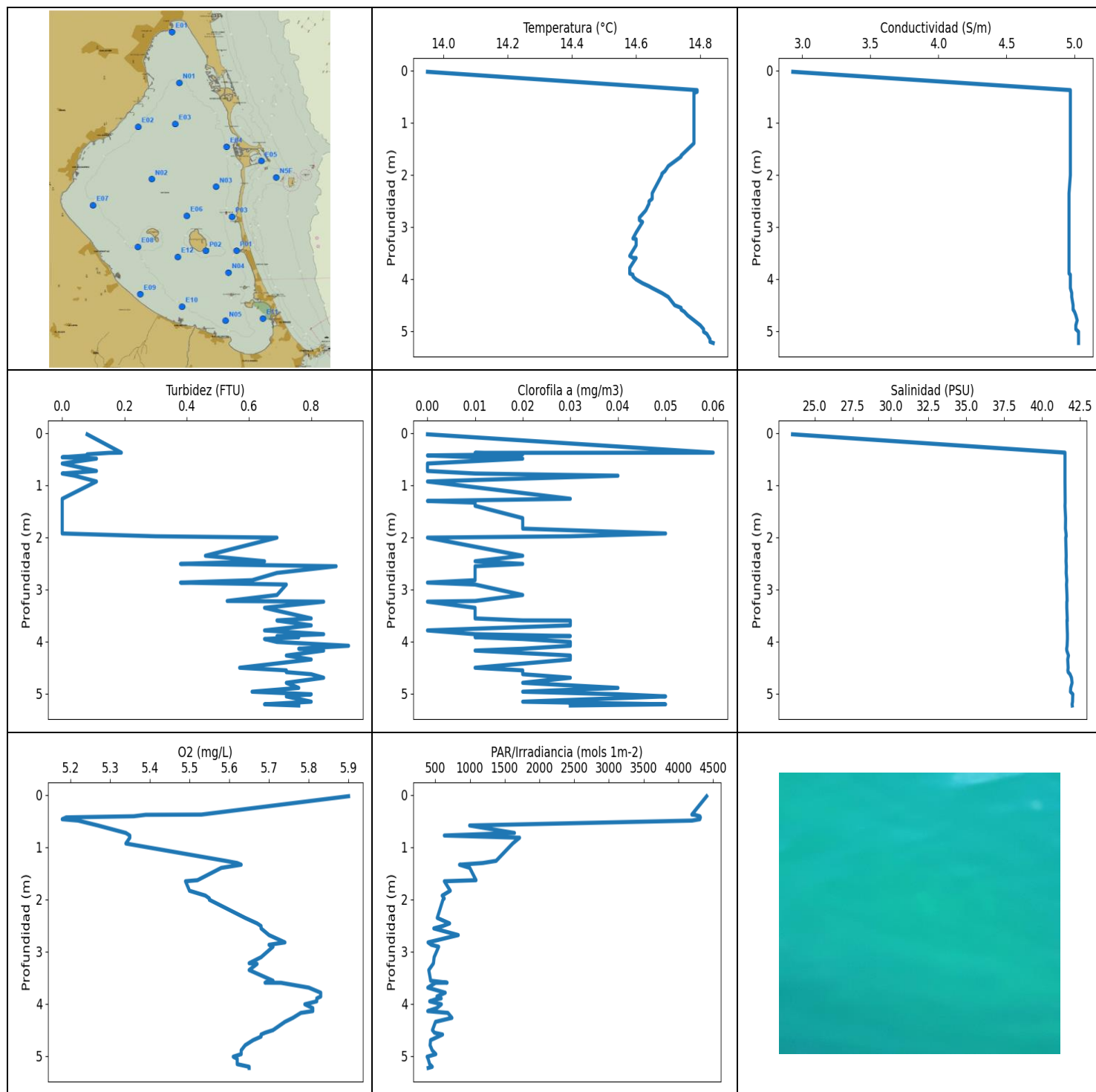
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.65	4.98	0.6	5.37	311.98	0.08	41.71
1 - 2m	14.56	4.97	0.65	5.5	151.98	0.08	41.72
2 - 3m	14.51	4.97	0.73	5.61	179.79	0.12	41.78
3 - 4m	14.61	5.01	0.9	5.69	226.28	0.27	42.06
4 - 5m	14.71	5.03	0.94	5.61	282.83	0.27	42.12
5 - 6m	14.71	5.03	0.95	5.65	345.11	0.27	42.13
6 - 7m	14.71	5.03	0.93	5.73	325.78	0.28	42.13

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.466	14.61	4.97	0.61	5.54	444.4	0.12	41.72
0.474	14.62	4.98	0.65	5.48	455.03	0.13	41.72
0.48	14.63	4.98	0.53	5.45	460.66	0.12	41.73
0.484	14.65	4.98	0.53	5.42	459.49	0.08	41.72
0.49	14.66	4.98	0.84	5.42	467.87	0.07	41.72
0.503	14.66	4.98	0.53	5.42	465.81	0.06	41.72
0.506	14.66	4.98	0.72	5.4	453.35	0.1	41.71
0.527	14.66	4.98	0.42	5.38	460.87	0.1	41.71
0.561	14.66	4.98	0.69	5.36	303.31	0.07	41.71
0.595	14.66	4.98	0.5	5.34	178.02	0.06	41.71
0.627	14.66	4.98	0.57	5.32	154.55	0.11	41.71
0.676	14.66	4.98	0.72	5.3	141.46	0.07	41.71
0.749	14.65	4.98	0.69	5.29	131.59	0.06	41.7
0.833	14.64	4.97	0.53	5.28	145.65	0.06	41.7
0.905	14.63	4.97	0.61	5.27	134.02	0.06	41.7
0.958	14.62	4.97	0.5	5.29	135.55	0.04	41.7
1.004	14.61	4.97	0.57	5.34	152.03	0.07	41.7
1.071	14.6	4.97	0.69	5.37	145.21	0.08	41.71
1.146	14.6	4.97	0.65	5.4	135.83	0.07	41.71
1.221	14.59	4.97	0.69	5.46	141.85	0.09	41.71
1.296	14.58	4.97	0.61	5.49	153.3	0.04	41.71
1.362	14.58	4.97	0.61	5.51	153.87	0.08	41.71
1.411	14.57	4.97	0.57	5.53	150.45	0.07	41.71
1.467	14.56	4.97	0.69	5.54	144.27	0.09	41.71
1.535	14.56	4.97	0.65	5.54	148.65	0.08	41.72
1.602	14.55	4.97	0.76	5.55	154.23	0.06	41.72
1.668	14.54	4.97	0.61	5.55	160.58	0.08	41.72
1.72	14.54	4.97	0.69	5.55	158.1	0.11	41.72
1.747	14.54	4.97	0.65	5.56	151.26	0.08	41.72
1.775	14.53	4.97	0.53	5.55	150.42	0.09	41.73
1.829	14.53	4.96	0.65	5.54	159.61	0.09	41.73
1.898	14.53	4.96	0.76	5.53	162.37	0.07	41.73
1.959	14.53	4.96	0.65	5.52	161.66	0.1	41.73
2.005	14.52	4.96	0.72	5.51	159.5	0.06	41.73
2.044	14.52	4.96	0.72	5.5	158.43	0.05	41.73

2.091	14.52	4.96	0.72	5.5	165.11	0.09	41.73
2.153	14.51	4.96	0.76	5.5	167.96	0.09	41.73
2.213	14.51	4.96	0.69	5.51	167.77	0.09	41.73
2.26	14.51	4.96	0.61	5.53	169.45	0.12	41.74
2.308	14.5	4.96	0.72	5.55	171.34	0.09	41.74
2.368	14.5	4.96	0.65	5.56	176.71	0.12	41.75
2.43	14.5	4.96	0.65	5.58	176.99	0.1	41.76
2.491	14.5	4.97	0.69	5.6	179.02	0.12	41.76
2.553	14.5	4.97	0.76	5.62	180.1	0.14	41.77
2.605	14.5	4.97	0.69	5.63	181.65	0.13	41.78
2.643	14.5	4.97	0.76	5.64	184.71	0.14	41.78
2.693	14.5	4.97	0.72	5.64	188.6	0.12	41.79
2.763	14.5	4.97	0.72	5.66	192.71	0.12	41.82
2.842	14.5	4.97	0.84	5.69	196.45	0.15	41.84
2.91	14.5	4.98	0.88	5.76	198.65	0.15	41.87
2.96	14.51	4.98	0.72	5.77	199.16	0.17	41.89
2.994	14.51	4.98	0.88	5.78	201.62	0.18	41.89
3.03	14.52	4.98	0.92	5.79	205.63	0.21	41.89
3.092	14.52	4.99	0.72	5.79	209.14	0.2	41.93
3.18	14.52	4.99	0.8	5.78	212.26	0.22	41.98
3.249	14.53	5.0	0.8	5.76	214.49	0.23	42.03
3.253	14.57	5.0	0.88	5.72	212.51	0.23	42.01
3.27	14.57	5.0	0.92	5.72	216.19	0.27	41.97
3.342	14.57	5.0	0.84	5.71	220.33	0.26	42.0
3.422	14.57	5.01	0.88	5.69	222.85	0.29	42.09
3.475	14.59	5.01	0.8	5.68	222.64	0.26	42.1
3.502	14.61	5.02	0.95	5.67	224.25	0.3	42.11
3.527	14.63	5.01	0.84	5.66	227.28	0.3	42.09
3.575	14.64	5.02	1.07	5.65	231.86	0.28	42.1
3.651	14.65	5.02	1.11	5.65	234.18	0.29	42.14
3.725	14.66	5.02	0.95	5.63	235.71	0.29	42.15
3.778	14.68	5.03	0.92	5.63	236.69	0.29	42.14
3.803	14.69	5.03	0.88	5.64	238.07	0.27	42.12
3.835	14.7	5.03	1.03	5.63	240.84	0.31	42.12
3.902	14.7	5.03	0.88	5.62	245.29	0.28	42.12
3.987	14.7	5.03	0.92	5.63	249.13	0.3	42.12
4.06	14.7	5.03	0.99	5.61	252.04	0.32	42.12
4.101	14.7	5.03	0.95	5.61	252.68	0.27	42.12
4.123	14.7	5.03	0.8	5.61	255.98	0.29	42.12
4.146	14.7	5.03	0.88	5.61	260.59	0.29	42.12
4.187	14.7	5.03	1.03	5.61	264.3	0.28	42.12
4.261	14.7	5.03	0.92	5.61	264.55	0.27	42.12
4.336	14.7	5.03	1.03	5.61	267.69	0.24	42.12
4.383	14.7	5.03	0.92	5.61	275.63	0.24	42.12
4.405	14.71	5.03	0.95	5.61	275.24	0.27	42.13
4.438	14.71	5.03	0.99	5.61	278.84	0.23	42.12
4.499	14.71	5.03	0.92	5.61	291.86	0.29	42.12
4.56	14.71	5.03	0.92	5.61	281.89	0.28	42.12
4.62	14.71	5.03	0.92	5.61	282.94	0.27	42.13
4.68	14.71	5.03	0.99	5.61	308.42	0.26	42.13
4.734	14.71	5.03	0.88	5.61	298.43	0.26	42.13
4.767	14.71	5.03	0.88	5.61	290.99	0.23	42.13
4.796	14.71	5.03	0.99	5.61	308.13	0.26	42.13
4.839	14.71	5.03	0.95	5.61	314.55	0.26	42.13
4.888	14.71	5.03	0.88	5.61	312.74	0.26	42.13
4.945	14.71	5.03	0.95	5.61	319.11	0.27	42.13
5.0	14.71	5.03	0.99	5.62	309.35	0.3	42.13
5.038	14.71	5.03	0.95	5.63	302.68	0.26	42.13

5.103	14.71	5.03	0.88	5.63	321.48	0.28	42.13
5.149	14.71	5.03	0.92	5.64	321.03	0.29	42.13
5.194	14.71	5.03	0.92	5.64	353.45	0.28	42.13
5.234	14.71	5.03	0.99	5.64	328.26	0.29	42.13
5.263	14.71	5.03	1.11	5.65	348.57	0.26	42.13
5.296	14.71	5.03	1.07	5.64	340.34	0.28	42.13
5.348	14.71	5.03	0.95	5.63	335.96	0.26	42.12
5.408	14.71	5.03	0.92	5.65	364.18	0.28	42.12
5.458	14.71	5.03	0.99	5.64	333.24	0.26	42.13
5.489	14.71	5.03	0.88	5.63	348.89	0.3	42.13
5.514	14.71	5.03	0.92	5.64	366.21	0.26	42.13
5.559	14.71	5.03	1.03	5.64	364.85	0.28	42.13
5.615	14.71	5.03	0.92	5.64	346.39	0.26	42.13
5.662	14.71	5.03	0.92	5.65	377.15	0.25	42.13
5.697	14.71	5.03	0.88	5.66	321.63	0.24	42.13
5.727	14.71	5.03	0.99	5.66	318.07	0.29	42.13
5.767	14.71	5.03	0.95	5.67	368.93	0.23	42.13
5.83	14.71	5.03	0.95	5.67	389.68	0.28	42.13
5.897	14.71	5.03	1.11	5.68	354.43	0.28	42.13
5.947	14.71	5.03	0.99	5.69	351.0	0.27	42.13
5.972	14.71	5.03	0.99	5.69	329.17	0.26	42.13
5.977	14.71	5.03	0.8	5.69	352.55	0.28	42.13
5.993	14.72	5.03	0.84	5.69	380.22	0.28	42.13
6.049	14.72	5.03	0.92	5.7	341.37	0.31	42.13
6.111	14.72	5.03	0.95	5.71	322.6	0.26	42.13
6.148	14.72	5.03	0.95	5.71	354.19	0.27	42.13
6.171	14.72	5.03	0.92	5.71	363.59	0.31	42.13
6.197	14.72	5.03	1.03	5.72	339.79	0.28	42.13
6.24	14.72	5.03	0.84	5.73	368.34	0.32	42.13
6.272	14.71	5.03	0.88	5.73	307.13	0.27	42.13
6.285	14.71	5.03	0.88	5.73	299.4	0.28	42.13
6.287	14.71	5.03	0.88	5.74	303.31	0.3	42.13
6.288	14.71	5.03	0.88	5.74	317.63	0.28	42.13
6.289	14.71	5.03	1.03	5.74	308.49	0.24	42.13
6.29	14.71	5.03	0.95	5.75	283.46	0.27	42.13


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

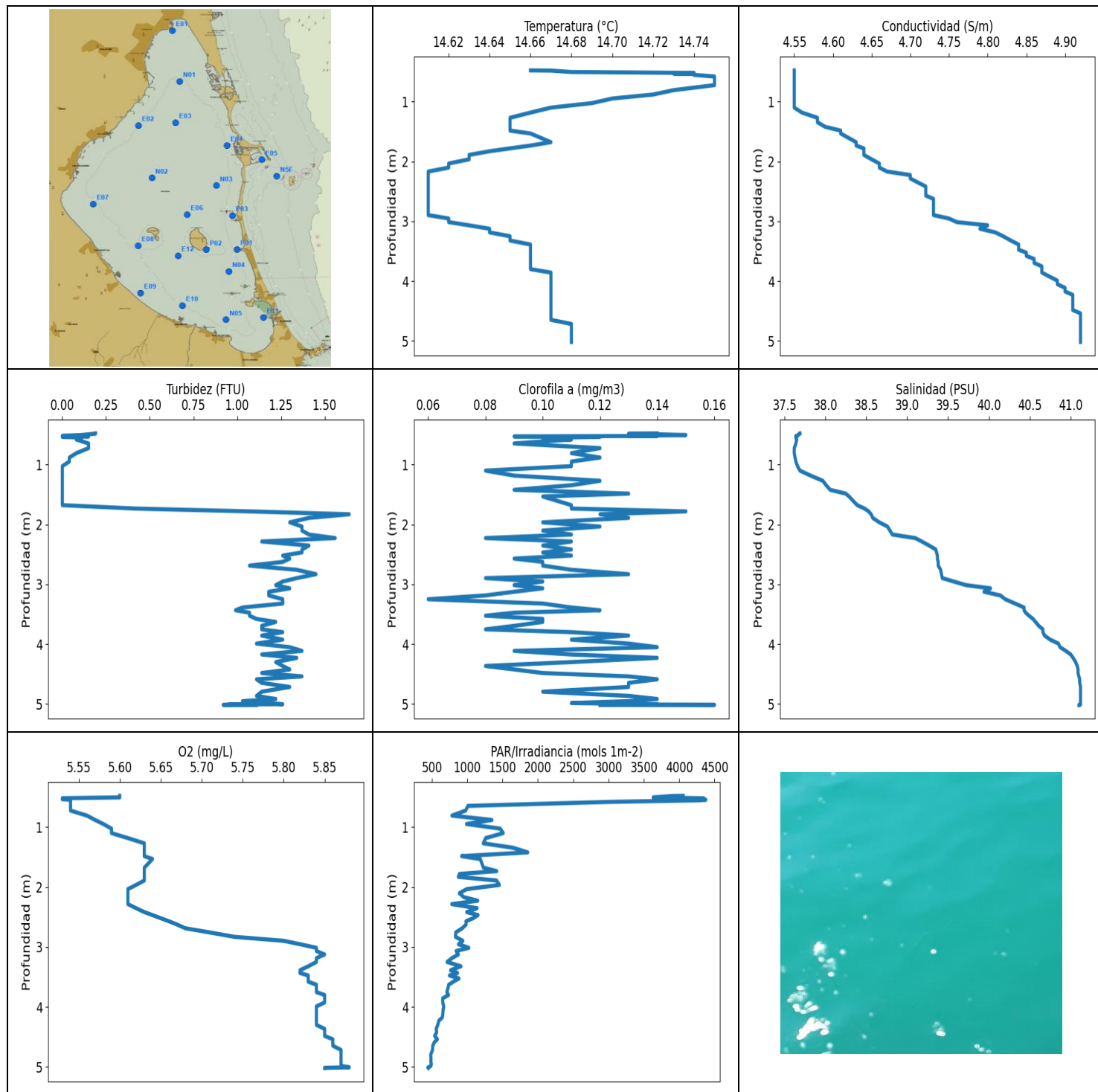
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.95	2.93	0.0	5.18	382.07	0.0	23.53
PROF (metros)	0.022	0.022	0.463	0.463	5.013	0.022	0.022
MÁXIMO	14.84	14.84	0.92	5.9	4409.6	0.06	42.03
PROF (metros)	5.229	5.013	4.082	0.022	0.022	0.374	5.013

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	14.69	4.74	0.11	5.4	3404.04	0.02	39.51
1 - 2m	14.68	4.97	0.3	5.55	628.15	0.03	41.59
2 - 3m	14.64	4.96	0.61	5.68	571.33	0.01	41.6
3 - 4m	14.59	4.96	0.71	5.74	499.26	0.02	41.65
4 - 5m	14.71	4.99	0.75	5.71	523.54	0.02	41.76
5 - 6m	14.83	5.03	0.75	5.63	409.82	0.04	42.0

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.022	13.95	2.93	0.08	5.9	4409.6	0.0	23.53
0.374	14.79	4.97	0.19	5.53	4196.2	0.06	41.51
0.378	14.79	4.97	0.15	5.39	4233.3	0.01	41.51
0.406	14.79	4.97	0.08	5.36	4311.6	0.02	41.51
0.428	14.78	4.97	0.08	5.19	4319.6	0.0	41.51
0.463	14.78	4.97	0.0	5.18	4310.6	0.01	41.51
0.489	14.78	4.97	0.11	5.22	4198.2	0.02	41.51
0.583	14.78	4.97	0.0	5.27	994.18	0.0	41.51
0.726	14.78	4.97	0.11	5.34	1639.8	0.0	41.51
0.775	14.78	4.97	0.0	5.35	629.6	0.01	41.51
0.817	14.78	4.97	0.04	5.35	1713.6	0.04	41.51
0.928	14.78	4.97	0.11	5.34	1614.5	0.0	41.51
1.26	14.78	4.97	0.0	5.59	1376.2	0.03	41.52
1.302	14.78	4.97	0.0	5.62	1182.7	0.0	41.52
1.334	14.78	4.97	0.0	5.63	848.62	0.01	41.52
1.395	14.78	4.97	0.0	5.58	996.03	0.01	41.51
1.631	14.74	4.97	0.0	5.52	1086.2	0.02	41.55
1.651	14.74	4.97	0.0	5.49	630.04	0.02	41.55
1.833	14.7	4.97	0.0	5.5	715.04	0.02	41.54
1.926	14.69	4.97	0.0	5.54	599.0	0.05	41.58
1.98	14.68	4.97	0.3	5.55	628.15	0.03	41.59
2.006	14.68	4.97	0.69	5.55	609.64	0.0	41.56
2.354	14.65	4.96	0.46	5.64	527.8	0.02	41.59
2.459	14.65	4.96	0.65	5.67	705.65	0.01	41.58
2.51	14.64	4.96	0.38	5.68	605.42	0.02	41.59
2.555	14.64	4.96	0.88	5.68	478.17	0.01	41.6
2.683	14.63	4.96	0.69	5.7	830.34	0.01	41.59
2.823	14.61	4.96	0.61	5.74	395.13	0.01	41.63
2.869	14.61	4.96	0.38	5.7	441.94	0.0	41.62
2.906	14.62	4.96	0.72	5.71	547.86	0.01	41.61
3.107	14.6	4.96	0.69	5.68	482.74	0.02	41.64
3.222	14.59	4.96	0.53	5.65	472.88	0.01	41.65
3.235	14.6	4.96	0.84	5.67	467.54	0.0	41.63
3.353	14.6	4.96	0.65	5.65	405.43	0.01	41.63
3.557	14.58	4.96	0.8	5.71	433.12	0.01	41.66
3.595	14.59	4.96	0.69	5.69	669.33	0.02	41.66

3.597	14.6	4.96	0.69	5.73	503.3	0.03	41.64
3.69	14.59	4.96	0.8	5.8	391.12	0.03	41.65
3.787	14.58	4.96	0.65	5.83	642.73	0.0	41.66
3.86	14.58	4.96	0.84	5.83	523.17	0.01	41.67
3.896	14.58	4.96	0.69	5.82	584.46	0.03	41.67
3.917	14.59	4.97	0.76	5.82	496.47	0.01	41.67
3.952	14.59	4.97	0.65	5.82	418.03	0.02	41.67
4.009	14.6	4.97	0.69	5.79	586.77	0.03	41.66
4.082	14.62	4.97	0.92	5.81	520.27	0.03	41.65
4.139	14.64	4.97	0.76	5.81	390.4	0.02	41.62
4.174	14.65	4.97	0.84	5.78	680.12	0.01	41.63
4.269	14.68	4.98	0.72	5.76	738.79	0.03	41.74
4.345	14.7	4.98	0.8	5.74	502.72	0.03	41.69
4.504	14.72	4.99	0.57	5.71	458.42	0.01	41.72
4.554	14.74	4.99	0.72	5.69	488.25	0.02	41.7
4.588	14.74	4.99	0.72	5.68	604.3	0.02	41.72
4.628	14.75	5.0	0.8	5.68	541.93	0.02	41.84
4.696	14.76	5.01	0.84	5.66	431.41	0.03	41.94
4.793	14.78	5.02	0.72	5.64	424.37	0.02	41.98
4.891	14.8	5.01	0.76	5.63	455.03	0.04	41.89
4.964	14.81	5.01	0.61	5.63	506.82	0.02	41.87
5.013	14.81	5.03	0.8	5.61	382.07	0.04	42.03
5.054	14.82	5.03	0.72	5.62	395.87	0.05	42.02
5.156	14.83	5.03	0.8	5.62	418.51	0.02	42.01
5.206	14.83	5.03	0.65	5.65	455.77	0.05	41.98
5.229	14.84	5.03	0.76	5.65	396.88	0.03	41.99



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

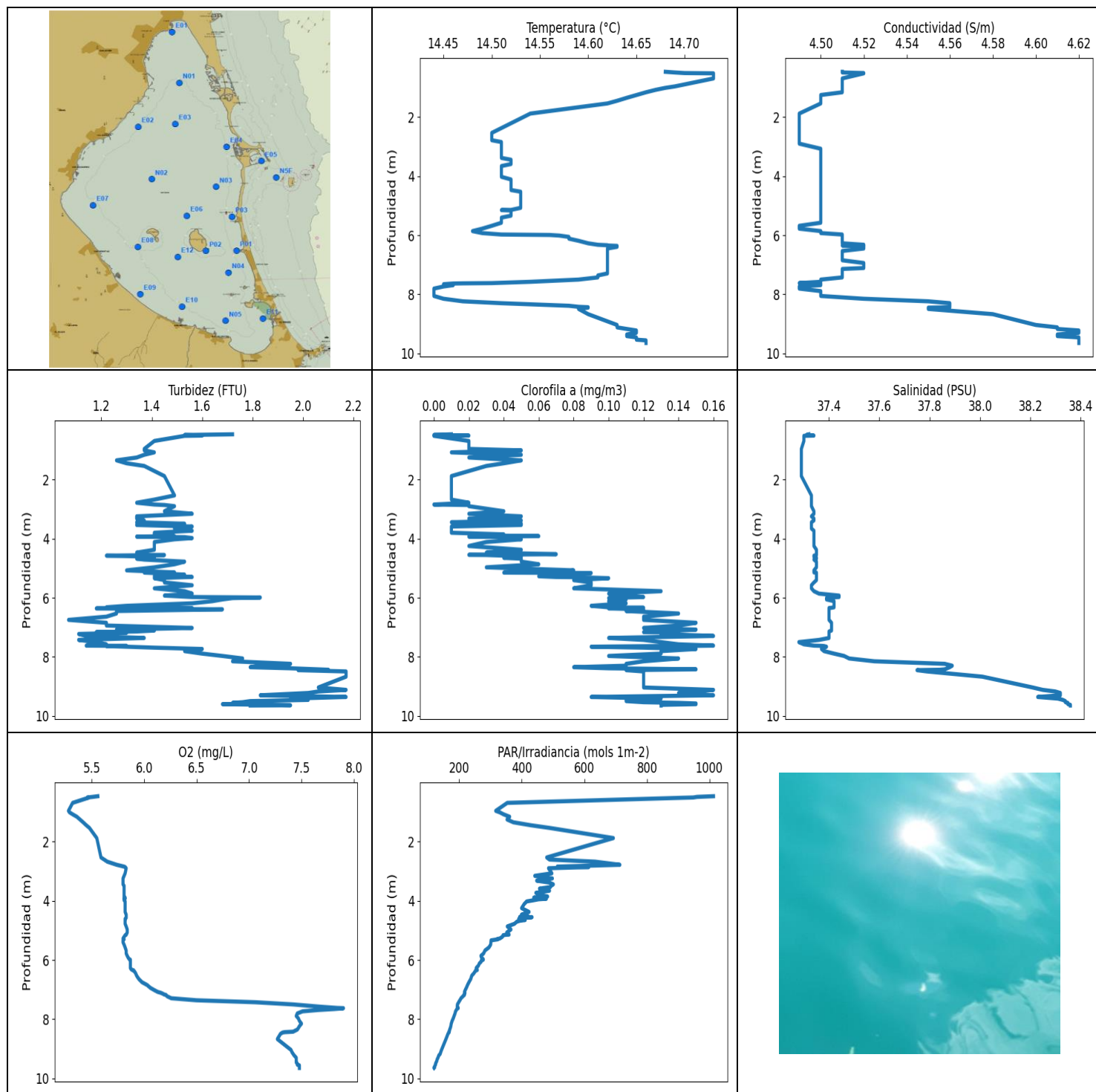
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	14.61	4.55	0.0	5.53	443.07	0.06	37.62
PROF (metros)	2.17	0.48	0.52	0.52	5.011	3.251	0.726
MÁXIMO	14.75	14.75	1.64	5.88	4377.0	0.16	41.12
PROF (metros)	0.582	4.54	1.831	5.005	0.546	5.016	4.717

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	14.72	4.55	0.11	5.56	2949.13	0.11	37.65
1 - 2m	14.64	4.64	1.17	5.62	1210.6	0.12	38.56
2 - 3m	14.61	4.71	1.33	5.67	970.28	0.1	39.25
3 - 4m	14.65	4.84	1.16	5.84	783.73	0.1	40.41
4 - 5m	14.67	4.91	1.22	5.86	552.24	0.12	41.07
5 - 6m	14.68	4.92	1.07	5.87	449.33	0.14	41.11

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.48	14.66	4.55	0.19	5.6	4056.6	0.14	37.69
0.483	14.67	4.55	0.19	5.6	3894.5	0.13	37.68
0.507	14.68	4.55	0.11	5.6	3632.0	0.15	37.67
0.52	14.73	4.55	0.0	5.53	4284.7	0.13	37.65
0.522	14.74	4.55	0.08	5.53	4347.7	0.14	37.64
0.53	14.74	4.55	0.15	5.53	4273.8	0.09	37.64
0.532	14.73	4.55	0.15	5.53	4316.6	0.09	37.65
0.538	14.74	4.55	0.0	5.53	4357.8	0.12	37.65
0.546	14.74	4.55	0.08	5.54	4377.0	0.11	37.64
0.555	14.74	4.55	0.11	5.54	4283.7	0.1	37.64
0.582	14.75	4.55	0.08	5.54	2992.2	0.11	37.65
0.648	14.75	4.55	0.15	5.54	1010.9	0.09	37.64
0.726	14.75	4.55	0.15	5.54	977.95	0.12	37.62
0.81	14.73	4.55	0.08	5.56	783.77	0.11	37.62
0.883	14.72	4.55	0.04	5.57	1350.6	0.12	37.63
0.95	14.7	4.55	0.04	5.58	990.5	0.11	37.64
1.027	14.69	4.55	0.0	5.59	1466.1	0.11	37.66
1.102	14.67	4.55	0.0	5.59	1510.6	0.08	37.69
1.185	14.66	4.56	0.0	5.61	1262.0	0.09	37.82
1.272	14.65	4.58	0.0	5.63	1227.3	0.12	37.97
1.346	14.65	4.58	0.0	5.63	1648.2	0.11	38.01
1.423	14.65	4.59	0.0	5.63	1857.1	0.09	38.06
1.486	14.65	4.61	0.0	5.63	921.19	0.13	38.25
1.534	14.66	4.61	0.0	5.64	1184.6	0.1	38.29
1.679	14.67	4.63	0.0	5.63	1230.5	0.11	38.39
1.736	14.66	4.63	0.42	5.63	1418.3	0.11	38.48
1.783	14.65	4.64	1.07	5.63	890.33	0.15	38.53
1.831	14.64	4.64	1.64	5.63	874.38	0.12	38.56
1.892	14.63	4.64	1.41	5.63	1414.7	0.13	38.58
1.966	14.63	4.65	1.3	5.62	1455.3	0.1	38.66
2.036	14.62	4.66	1.37	5.61	992.8	0.12	38.76
2.104	14.62	4.66	1.37	5.61	889.3	0.1	38.79
2.17	14.61	4.67	1.41	5.61	953.12	0.11	38.82
2.229	14.61	4.7	1.56	5.61	1149.4	0.08	39.1
2.286	14.61	4.7	1.14	5.61	782.14	0.11	39.18
2.354	14.61	4.71	1.41	5.62	1140.7	0.1	39.27

2.419	14.61	4.72	1.37	5.63	993.72	0.11	39.35
2.469	14.61	4.72	1.37	5.64	1152.9	0.1	39.36
2.521	14.61	4.72	1.26	5.65	1085.2	0.11	39.37
2.572	14.61	4.72	1.3	5.66	982.95	0.09	39.37
2.627	14.61	4.73	1.26	5.67	984.78	0.1	39.38
2.689	14.61	4.73	1.07	5.68	929.55	0.1	39.38
2.759	14.61	4.73	1.34	5.71	837.88	0.11	39.41
2.832	14.61	4.73	1.45	5.74	834.39	0.13	39.42
2.898	14.61	4.73	1.34	5.8	939.08	0.08	39.43
2.955	14.62	4.75	1.26	5.82	876.61	0.1	39.57
3.015	14.62	4.76	1.22	5.84	1023.2	0.09	39.72
3.069	14.63	4.8	1.3	5.84	843.33	0.1	40.02
3.126	14.64	4.79	1.18	5.85	874.58	0.09	39.94
3.187	14.64	4.81	1.18	5.84	784.5	0.08	40.14
3.251	14.65	4.82	1.26	5.84	715.87	0.06	40.2
3.323	14.65	4.83	1.26	5.83	912.05	0.1	40.32
3.389	14.66	4.84	1.03	5.82	764.93	0.11	40.43
3.435	14.66	4.84	0.99	5.82	863.51	0.12	40.43
3.476	14.66	4.84	1.07	5.83	749.31	0.09	40.45
3.526	14.66	4.85	1.07	5.83	883.75	0.08	40.49
3.58	14.66	4.85	1.11	5.83	803.82	0.1	40.54
3.63	14.66	4.86	1.22	5.84	739.13	0.1	40.57
3.696	14.66	4.86	1.14	5.84	725.55	0.09	40.61
3.754	14.66	4.87	1.14	5.84	712.23	0.08	40.66
3.801	14.66	4.87	1.26	5.85	736.74	0.11	40.66
3.858	14.67	4.87	1.14	5.85	652.48	0.13	40.68
3.926	14.67	4.88	1.26	5.85	653.84	0.11	40.75
3.992	14.67	4.89	1.11	5.84	668.25	0.13	40.85
4.052	14.67	4.89	1.3	5.84	659.02	0.14	40.87
4.114	14.67	4.9	1.37	5.84	655.51	0.09	40.94
4.174	14.67	4.9	1.14	5.84	649.31	0.11	41.0
4.231	14.67	4.91	1.34	5.84	598.72	0.14	41.03
4.301	14.67	4.91	1.22	5.84	583.65	0.11	41.06
4.366	14.67	4.91	1.26	5.85	561.1	0.08	41.08
4.424	14.67	4.91	1.3	5.85	568.56	0.09	41.09
4.484	14.67	4.91	1.14	5.85	539.42	0.1	41.09
4.54	14.67	4.92	1.37	5.86	579.07	0.13	41.1
4.589	14.67	4.92	1.11	5.86	534.81	0.14	41.11
4.648	14.67	4.92	1.14	5.86	512.96	0.13	41.11
4.717	14.68	4.92	1.3	5.87	510.0	0.13	41.12
4.796	14.68	4.92	1.14	5.87	484.2	0.1	41.12
4.866	14.68	4.92	1.11	5.87	487.69	0.13	41.12
4.918	14.68	4.92	1.22	5.87	484.98	0.14	41.12
4.954	14.68	4.92	1.03	5.87	493.26	0.13	41.12
4.986	14.68	4.92	1.18	5.87	485.77	0.11	41.12
5.005	14.68	4.92	1.26	5.88	455.56	0.14	41.12
5.008	14.68	4.92	0.95	5.88	452.3	0.14	41.12
5.011	14.68	4.92	1.11	5.87	443.07	0.13	41.12
5.016	14.68	4.92	0.92	5.85	446.78	0.16	41.1
5.018	14.68	4.92	1.11	5.85	448.96	0.12	41.1



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	14.44	4.49	1.07	5.28	119.0	0.0	37.29
PROF (metros)	7.89	1.882	6.748	0.962	9.639	0.491	0.962
MÁXIMO	14.73	14.73	2.17	7.9	1013.0	0.16	38.36
PROF (metros)	0.52	9.222	8.493	7.627	0.468	7.292	9.623

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	14.71	4.51	1.53	5.43	751.5	0.01	37.31
1 - 2m	14.64	4.5	1.36	5.41	421.11	0.03	37.29
2 - 3m	14.5	4.49	1.43	5.72	561.28	0.01	37.33
3 - 4m	14.51	4.5	1.45	5.81	469.99	0.03	37.34
4 - 5m	14.52	4.5	1.4	5.82	398.13	0.04	37.35
5 - 6m	14.51	4.5	1.49	5.83	309.11	0.09	37.36
6 - 7m	14.61	4.51	1.39	5.92	249.61	0.11	37.41
7 - 8m	14.54	4.5	1.33	7.0	200.86	0.13	37.38
8 - 9m	14.54	4.55	1.95	7.41	168.86	0.12	37.8
9 - 10m	14.65	4.62	1.92	7.45	127.85	0.13	38.32

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.468	14.68	4.51	1.72	5.56	1013.0	0.01	37.32
0.491	14.69	4.51	1.53	5.51	960.21	0.0	37.31
0.511	14.7	4.52	1.6	5.46	948.49	0.02	37.34
0.52	14.73	4.52	1.53	5.47	917.14	0.0	37.3
0.693	14.73	4.51	1.41	5.32	353.53	0.02	37.3
0.962	14.69	4.51	1.37	5.28	316.6	0.02	37.29
1.012	14.68	4.51	1.37	5.29	329.48	0.05	37.29
1.079	14.67	4.51	1.41	5.32	341.53	0.01	37.29
1.161	14.66	4.51	1.37	5.36	361.23	0.05	37.29
1.254	14.65	4.5	1.34	5.39	352.79	0.02	37.29
1.349	14.64	4.5	1.26	5.42	373.06	0.05	37.29
1.449	14.63	4.5	1.3	5.45	429.12	0.04	37.29
1.539	14.62	4.5	1.37	5.48	488.82	0.03	37.29
1.882	14.54	4.49	1.45	5.55	692.85	0.01	37.29
2.536	14.5	4.49	1.49	5.59	479.62	0.01	37.33
2.607	14.5	4.49	1.45	5.62	488.59	0.01	37.33
2.678	14.5	4.49	1.41	5.65	634.29	0.01	37.33
2.784	14.5	4.49	1.34	5.74	713.55	0.02	37.33
2.845	14.51	4.49	1.41	5.81	513.44	0.0	37.33
2.86	14.51	4.49	1.45	5.82	614.04	0.02	37.33
2.9	14.51	4.49	1.49	5.83	485.43	0.02	37.33
3.072	14.51	4.5	1.45	5.82	496.12	0.04	37.34
3.157	14.51	4.5	1.56	5.81	441.43	0.02	37.34
3.244	14.51	4.5	1.34	5.8	497.85	0.05	37.33
3.319	14.51	4.5	1.34	5.8	447.5	0.02	37.34
3.383	14.51	4.5	1.37	5.8	487.91	0.05	37.34
3.444	14.52	4.5	1.34	5.8	500.86	0.01	37.33
3.494	14.52	4.5	1.53	5.81	493.71	0.05	37.33
3.536	14.52	4.5	1.34	5.81	491.2	0.05	37.33
3.589	14.52	4.5	1.56	5.81	456.51	0.01	37.33
3.658	14.51	4.5	1.49	5.81	488.71	0.01	37.33
3.731	14.51	4.5	1.56	5.81	445.02	0.01	37.34

3.799	14.51	4.5	1.41	5.81	457.57	0.01	37.34
3.855	14.51	4.5	1.41	5.81	482.51	0.04	37.34
3.892	14.51	4.5	1.41	5.82	438.27	0.03	37.34
3.914	14.51	4.5	1.49	5.81	463.98	0.06	37.34
3.93	14.51	4.5	1.34	5.82	478.62	0.02	37.34
3.949	14.51	4.5	1.53	5.81	453.24	0.05	37.34
3.979	14.51	4.5	1.56	5.81	438.77	0.04	37.34
4.022	14.51	4.5	1.49	5.82	415.42	0.05	37.34
4.112	14.52	4.5	1.41	5.82	407.5	0.03	37.34
4.248	14.52	4.5	1.41	5.82	399.37	0.02	37.34
4.375	14.52	4.5	1.41	5.82	423.09	0.05	37.35
4.47	14.52	4.5	1.34	5.83	398.81	0.03	37.35
4.526	14.53	4.5	1.37	5.83	419.97	0.07	37.35
4.546	14.53	4.5	1.34	5.83	393.12	0.02	37.35
4.553	14.53	4.5	1.45	5.83	432.71	0.03	37.35
4.574	14.53	4.5	1.22	5.83	406.65	0.04	37.34
4.611	14.53	4.5	1.41	5.82	390.13	0.05	37.34
4.649	14.53	4.5	1.41	5.82	411.01	0.04	37.35
4.676	14.53	4.5	1.34	5.82	393.21	0.05	37.35
4.708	14.53	4.5	1.37	5.82	383.76	0.05	37.34
4.777	14.53	4.5	1.53	5.82	376.45	0.05	37.35
4.866	14.53	4.5	1.49	5.83	353.61	0.06	37.35
4.969	14.53	4.5	1.41	5.84	365.27	0.03	37.35
5.072	14.53	4.5	1.3	5.84	351.81	0.08	37.34
5.142	14.52	4.5	1.49	5.83	359.31	0.07	37.34
5.148	14.51	4.5	1.37	5.83	348.89	0.04	37.35
5.163	14.52	4.5	1.41	5.82	340.11	0.09	37.35
5.218	14.52	4.5	1.53	5.81	337.75	0.07	37.35
5.272	14.52	4.5	1.41	5.8	329.71	0.06	37.35
5.297	14.52	4.5	1.56	5.81	320.89	0.07	37.35
5.302	14.52	4.5	1.53	5.81	322.83	0.08	37.35
5.337	14.52	4.5	1.41	5.8	301.7	0.1	37.35
5.403	14.51	4.5	1.45	5.8	301.14	0.08	37.35
5.481	14.51	4.5	1.45	5.81	300.44	0.09	37.34
5.576	14.51	4.5	1.56	5.82	294.79	0.09	37.33
5.68	14.5	4.49	1.41	5.83	282.09	0.08	37.33
5.777	14.49	4.49	1.53	5.83	277.93	0.13	37.34
5.859	14.48	4.5	1.56	5.84	269.37	0.1	37.36
5.926	14.49	4.5	1.45	5.85	271.44	0.11	37.44
5.975	14.51	4.51	1.56	5.86	276.84	0.12	37.44
5.99	14.56	4.51	1.83	5.87	276.97	0.11	37.4
6.01	14.57	4.51	1.72	5.87	270.94	0.1	37.39
6.056	14.58	4.51	1.68	5.87	269.94	0.11	37.39
6.115	14.58	4.51	1.64	5.87	264.3	0.1	37.42
6.187	14.59	4.51	1.56	5.87	261.38	0.11	37.42
6.272	14.6	4.51	1.3	5.87	254.15	0.09	37.42
6.322	14.61	4.52	1.22	5.88	254.92	0.1	37.42
6.338	14.62	4.52	1.41	5.89	257.71	0.12	37.41
6.346	14.62	4.51	1.56	5.9	254.8	0.11	37.4
6.36	14.63	4.52	1.18	5.9	251.69	0.1	37.4
6.391	14.63	4.52	1.68	5.91	250.41	0.12	37.4
6.448	14.62	4.52	1.26	5.92	246.66	0.11	37.4
6.532	14.62	4.51	1.26	5.93	239.79	0.14	37.4
6.639	14.62	4.51	1.22	5.95	236.86	0.12	37.4
6.748	14.62	4.51	1.07	5.98	231.06	0.12	37.4
6.846	14.62	4.51	1.22	6.03	226.39	0.15	37.41
6.939	14.62	4.52	1.22	6.06	222.7	0.14	37.41
7.021	14.62	4.52	1.56	6.1	218.86	0.12	37.41

7.077	14.62	4.52	1.26	6.13	216.64	0.15	37.41
7.108	14.62	4.52	1.41	6.16	218.3	0.14	37.41
7.14	14.62	4.51	1.34	6.18	215.99	0.13	37.4
7.162	14.62	4.51	1.18	6.19	217.04	0.12	37.4
7.182	14.62	4.51	1.3	6.21	216.34	0.14	37.4
7.225	14.62	4.51	1.11	6.22	211.67	0.13	37.4
7.292	14.62	4.51	1.14	6.26	205.63	0.16	37.4
7.36	14.61	4.51	1.37	6.5	201.95	0.1	37.4
7.426	14.61	4.51	1.11	7.06	198.14	0.12	37.36
7.5	14.59	4.5	1.18	7.42	194.14	0.13	37.28
7.575	14.54	4.5	1.22	7.67	193.51	0.14	37.3
7.619	14.5	4.49	1.14	7.84	196.77	0.16	37.34
7.627	14.47	4.5	1.3	7.9	196.54	0.15	37.37
7.633	14.46	4.5	1.22	7.89	194.32	0.13	37.38
7.656	14.45	4.5	1.3	7.81	192.49	0.09	37.39
7.688	14.46	4.5	1.41	7.66	190.67	0.12	37.38
7.733	14.45	4.49	1.6	7.51	188.16	0.15	37.37
7.805	14.44	4.49	1.53	7.46	186.47	0.13	37.38
7.89	14.44	4.5	1.6	7.45	183.55	0.13	37.42
7.969	14.44	4.5	1.68	7.47	180.81	0.1	37.46
8.054	14.44	4.5	1.76	7.48	177.28	0.14	37.48
8.149	14.45	4.52	1.72	7.5	174.39	0.12	37.58
8.235	14.47	4.55	1.95	7.48	173.02	0.11	37.86
8.299	14.51	4.56	1.83	7.47	171.3	0.11	37.89
8.349	14.55	4.56	1.79	7.46	169.33	0.08	37.88
8.386	14.58	4.56	1.95	7.44	168.86	0.1	37.87
8.421	14.59	4.56	2.06	7.42	167.03	0.15	37.86
8.436	14.6	4.56	2.1	7.34	168.04	0.13	37.84
8.449	14.6	4.55	1.98	7.32	166.76	0.11	37.75
8.493	14.59	4.55	2.17	7.3	163.92	0.12	37.79
8.67	14.6	4.58	2.17	7.27	157.48	0.12	38.01
9.036	14.63	4.6	2.06	7.4	143.3	0.12	38.21
9.117	14.63	4.61	2.17	7.41	140.57	0.16	38.25
9.171	14.64	4.61	2.06	7.42	139.02	0.15	38.3
9.222	14.65	4.62	2.02	7.43	134.64	0.14	38.32
9.3	14.65	4.62	1.83	7.45	131.95	0.16	38.32
9.357	14.64	4.61	2.17	7.45	129.32	0.09	38.23
9.412	14.64	4.61	1.95	7.45	128.04	0.13	38.31
9.456	14.65	4.62	2.02	7.45	126.07	0.11	38.33
9.497	14.65	4.62	1.79	7.46	124.27	0.11	38.34
9.534	14.65	4.62	1.76	7.46	124.15	0.12	38.34
9.557	14.66	4.62	1.72	7.48	122.86	0.14	38.35
9.577	14.66	4.62	1.87	7.48	122.01	0.15	38.35
9.6	14.66	4.62	1.68	7.48	120.86	0.15	38.35
9.623	14.66	4.62	1.87	7.48	120.02	0.13	38.36
9.639	14.66	4.62	1.95	7.48	119.0	0.13	38.36
9.646	14.66	4.62	1.79	7.48	119.49	0.13	38.36