

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	19.46	56.69	8.77	4.82	3.1	3.09	42.73
PROF (metros)	0.706	0.78	0.735	0.706	4.699	0.928	0.882
MÁXIMO	19.9	19.9	11.48	6.12	78.01	4.71	43.58
PROF (metros)	4.08	4.133	4.515	4.68	0.706	2.83	4.434

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E07 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.57	56.91	9.07	5.08	65.68	3.43	42.94
1 - 2m	19.8	57.39	9.36	5.54	36.04	3.73	43.11
2 - 3m	19.83	57.73	9.61	5.75	15.29	4.21	43.36
3 - 4m	19.88	57.87	9.71	5.66	6.48	4.18	43.44
4 - 5m	19.86	57.92	10.08	5.81	3.66	3.93	43.5

OBSERVACIONES GENERALES

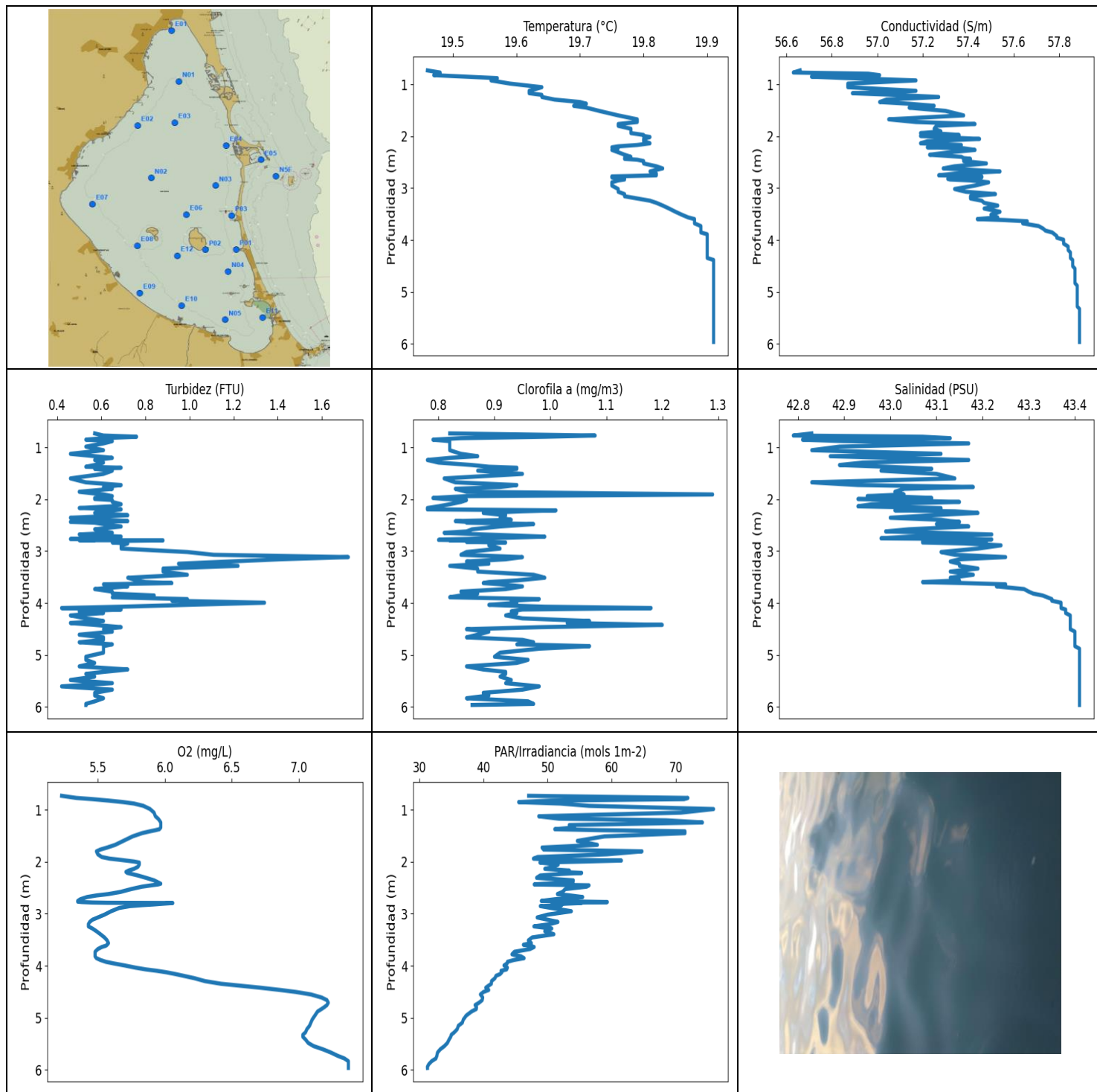
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m con los valores 3.43, 3.73, 4.21, 4.18, 3.93 respectivamente

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	19.46	56.76	8.96	4.82	78.01	3.54	42.92
0.735	19.47	56.91	8.77	4.85	68.81	3.97	43.03
0.765	19.51	56.89	9.23	4.89	70.04	3.68	42.98
0.78	19.56	56.69	9.31	4.92	70.98	3.36	42.76
0.792	19.57	57.01	9.16	4.94	68.81	3.42	43.02
0.823	19.57	57.18	8.89	4.97	67.28	3.62	43.16
0.859	19.61	56.73	9.31	5.04	66.12	3.33	42.74
0.882	19.64	56.76	8.96	5.11	61.38	3.31	42.73
0.903	19.6	57.12	8.85	5.2	61.91	3.3	43.08
0.928	19.58	57.09	9.08	5.31	61.01	3.09	43.08
0.96	19.6	56.89	9.31	5.41	58.62	3.32	42.89
0.992	19.62	56.86	8.96	5.52	55.2	3.24	42.84
1.028	19.64	57.14	9.38	5.59	53.25	3.3	43.06
1.069	19.65	57.22	9.16	5.64	51.88	3.3	43.11
1.111	19.68	57.07	8.96	5.66	51.02	3.45	42.96
1.134	19.7	56.92	9.54	5.66	50.1	3.52	42.81
1.146	19.71	57.26	9.08	5.64	49.61	3.39	43.09
1.165	19.71	57.39	9.04	5.61	48.38	3.54	43.2
1.202	19.72	57.27	8.77	5.59	46.42	3.64	43.08
1.251	19.73	57.14	8.93	5.57	44.1	3.25	42.96
1.29	19.75	57.05	9.04	5.55	42.63	3.4	42.87
1.317	19.76	57.41	9.0	5.51	41.22	3.61	43.16
1.355	19.79	57.58	9.19	5.49	39.64	3.93	43.29
1.394	19.81	57.16	8.77	5.47	38.47	3.85	42.9
1.423	19.82	57.12	9.23	5.45	37.89	4.04	42.85
1.435	19.8	57.52	9.04	5.44	37.36	3.7	43.22
1.444	19.78	57.56	8.89	5.44	36.88	3.78	43.28
1.468	19.78	57.32	9.38	5.44	35.65	3.82	43.07
1.502	19.79	57.22	9.88	5.45	34.9	3.69	42.96
1.526	19.81	57.19	9.31	5.45	34.48	3.62	42.92
1.542	19.82	57.47	9.69	5.45	33.82	3.76	43.16
1.557	19.83	57.58	9.65	5.44	33.54	3.63	43.24
1.575	19.83	57.33	9.27	5.44	32.99	3.61	43.02
1.597	19.84	57.27	9.27	5.45	32.29	3.69	42.97
1.619	19.84	57.31	9.46	5.46	31.84	3.86	42.99

1.635	19.85	57.47	9.69	5.48	31.38	3.62	43.12
1.65	19.85	57.59	9.65	5.5	31.01	3.84	43.22
1.669	19.86	57.51	9.61	5.52	30.43	3.73	43.15
1.694	19.86	57.59	9.77	5.53	29.44	3.59	43.22
1.728	19.86	57.6	9.08	5.56	28.36	3.54	43.22
1.773	19.87	57.66	9.31	5.59	26.94	3.75	43.27
1.817	19.87	57.59	9.38	5.62	26.28	4.1	43.2
1.85	19.88	57.5	9.19	5.63	25.59	4.19	43.12
1.885	19.88	57.83	10.41	5.63	24.63	4.26	43.39
1.924	19.88	57.68	10.26	5.63	23.79	4.21	43.27
1.962	19.88	57.48	9.77	5.64	22.9	4.16	43.09
1.997	19.88	57.75	9.46	5.63	22.32	4.09	43.34
2.025	19.87	57.76	9.5	5.63	21.86	4.05	43.35
2.05	19.86	57.63	9.35	5.64	21.65	4.07	43.24
2.066	19.86	57.57	9.27	5.64	21.39	4.01	43.19
2.08	19.87	57.81	8.96	5.64	21.0	4.22	43.4
2.111	19.87	57.81	9.35	5.62	20.09	4.18	43.39
2.17	19.88	57.72	9.54	5.59	18.96	4.18	43.31
2.223	19.88	57.51	9.58	5.57	18.64	4.27	43.13
2.248	19.88	57.7	9.84	5.54	18.5	4.06	43.29
2.263	19.86	57.94	9.16	5.5	18.11	4.07	43.51
2.284	19.87	57.64	9.31	5.49	17.82	4.05	43.25
2.313	19.87	57.56	9.35	5.5	17.32	4.07	43.18
2.355	19.85	57.89	9.46	5.51	16.6	4.14	43.48
2.406	19.84	57.77	9.04	5.56	15.96	4.1	43.39
2.446	19.85	57.54	9.31	5.61	15.72	3.72	43.18
2.463	19.84	57.7	9.27	5.68	15.72	3.59	43.33
2.468	19.8	57.82	9.54	5.76	15.67	3.88	43.47
2.479	19.78	57.68	9.5	5.85	15.37	4.19	43.37
2.501	19.78	57.64	9.16	5.93	14.99	4.42	43.34
2.53	19.79	57.78	9.23	5.98	14.74	4.52	43.45
2.556	19.8	57.8	9.54	6.02	14.47	4.49	43.46
2.577	19.8	57.63	9.38	6.04	14.19	4.5	43.31
2.612	19.8	57.79	10.76	6.03	13.66	4.02	43.45
2.656	19.81	57.85	10.83	6.0	13.13	4.22	43.49
2.701	19.82	57.67	10.07	5.96	12.75	4.17	43.32
2.729	19.83	57.63	9.38	5.91	12.64	4.01	43.27
2.747	19.82	57.84	9.65	5.87	12.46	4.03	43.47
2.767	19.81	57.82	9.69	5.85	12.2	4.12	43.46
2.794	19.82	57.67	9.46	5.83	11.87	4.4	43.33
2.83	19.83	57.78	10.3	5.81	11.5	4.71	43.41
2.871	19.82	57.83	10.38	5.8	11.14	4.65	43.45
2.91	19.82	57.75	9.96	5.79	10.9	4.5	43.39
2.942	19.82	57.71	9.84	5.77	9.73	4.59	43.35
2.967	19.83	57.73	10.22	5.75	9.87	4.47	43.36
2.99	19.83	57.81	9.54	5.72	9.23	4.38	43.43
3.02	19.84	57.83	9.58	5.7	9.03	4.52	43.44
3.052	19.84	57.83	9.92	5.68	8.94	4.33	43.43
3.092	19.85	57.83	9.92	5.67	8.63	4.27	43.42
3.144	19.86	57.89	9.69	5.65	8.25	4.35	43.47
3.195	19.87	57.75	9.5	5.66	8.05	4.08	43.34
3.232	19.88	57.85	9.19	5.66	7.86	3.86	43.42
3.261	19.89	57.95	9.69	5.65	7.67	3.74	43.49
3.294	19.89	57.78	9.46	5.66	7.5	3.74	43.34
3.322	19.89	57.78	9.58	5.65	7.38	3.91	43.34
3.341	19.88	57.93	9.35	5.64	7.3	3.88	43.48
3.36	19.87	57.94	9.92	5.64	7.17	4.17	43.5
3.388	19.87	57.8	9.65	5.63	6.96	4.21	43.38

3.425	19.88	57.82	10.76	5.63	6.77	4.3	43.39
3.471	19.88	57.96	11.14	5.62	6.52	3.88	43.51
3.512	19.89	57.8	10.49	5.63	6.38	3.78	43.36
3.545	19.89	57.82	9.92	5.62	6.21	3.86	43.38
3.58	19.87	57.96	10.0	5.61	6.07	4.36	43.52
3.611	19.87	57.81	9.35	5.61	5.95	4.22	43.39
3.636	19.87	57.84	9.69	5.61	5.86	4.1	43.41
3.662	19.87	57.92	10.0	5.61	5.74	4.2	43.47
3.695	19.87	57.92	9.84	5.62	5.55	4.41	43.48
3.744	19.87	57.89	9.65	5.65	5.33	4.39	43.46
3.798	19.87	57.85	9.54	5.69	5.17	4.25	43.42
3.841	19.87	57.89	9.58	5.72	5.08	4.3	43.45
3.865	19.87	57.93	9.23	5.74	5.03	4.36	43.48
3.883	19.88	57.97	9.31	5.74	4.96	4.33	43.52
3.909	19.89	57.97	8.77	5.74	4.86	4.4	43.5
3.938	19.89	57.85	9.08	5.73	4.77	4.38	43.4
3.966	19.89	57.87	9.16	5.71	4.7	4.37	43.42
3.999	19.89	58.0	10.26	5.67	4.58	4.39	43.53
4.04	19.89	57.88	9.5	5.63	4.45	4.3	43.43
4.08	19.9	57.79	9.38	5.59	4.37	4.22	43.34
4.108	19.89	57.93	9.5	5.56	4.32	3.57	43.47
4.133	19.88	58.04	9.58	5.53	4.25	3.63	43.57
4.158	19.88	57.84	9.38	5.51	4.17	3.72	43.4
4.19	19.89	57.89	9.46	5.51	4.08	4.11	43.44
4.231	19.86	57.99	9.88	5.52	3.98	4.28	43.55
4.27	19.86	57.85	9.8	5.56	3.91	4.21	43.43
4.308	19.86	57.89	9.5	5.62	3.8	3.9	43.47
4.354	19.85	58.0	10.07	5.68	3.7	3.76	43.57
4.391	19.85	57.88	10.11	5.75	3.66	3.63	43.47
4.417	19.85	57.86	10.18	5.83	3.63	3.62	43.45
4.434	19.84	57.99	9.5	5.89	3.58	3.68	43.58
4.466	19.83	57.96	10.83	5.94	3.5	4.2	43.56
4.515	19.85	57.86	11.48	6.0	3.38	4.48	43.46
4.573	19.85	57.94	10.45	6.04	3.29	4.36	43.52
4.617	19.83	57.95	10.03	6.08	3.24	4.28	43.55
4.653	19.83	57.9	10.64	6.1	3.18	4.27	43.51
4.68	19.84	57.92	10.03	6.12	3.15	4.34	43.51
4.695	19.84	57.96	10.6	6.11	3.12	3.59	43.55
4.696	19.84	57.96	10.76	6.07	3.11	3.56	43.55
4.699	19.84	57.93	10.87	6.01	3.1	3.42	43.52
4.701	19.84	57.89	10.22	5.93	3.1	3.33	43.49



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	19.46	56.63	0.42	5.23	31.23	0.78	42.79
PROF (metros)	0.728	0.769	4.097	0.728	5.946	1.241	0.769
MÁXIMO	19.91	19.91	1.72	7.37	75.92	1.29	43.41
PROF (metros)	4.385	5.329	3.114	5.837	0.983	1.906	4.881

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.52	56.86	0.61	5.6	58.83	0.87	42.95
1 - 2m	19.72	57.18	0.59	5.77	57.89	0.87	43.01
2 - 3m	19.78	57.37	0.62	5.72	52.53	0.87	43.11
3 - 4m	19.85	57.58	0.94	5.52	47.37	0.9	43.22
4 - 5m	19.9	57.86	0.6	6.65	40.63	0.97	43.39
5 - 6m	19.91	57.89	0.56	7.18	33.93	0.92	43.41

OBSERVACIONES GENERALES

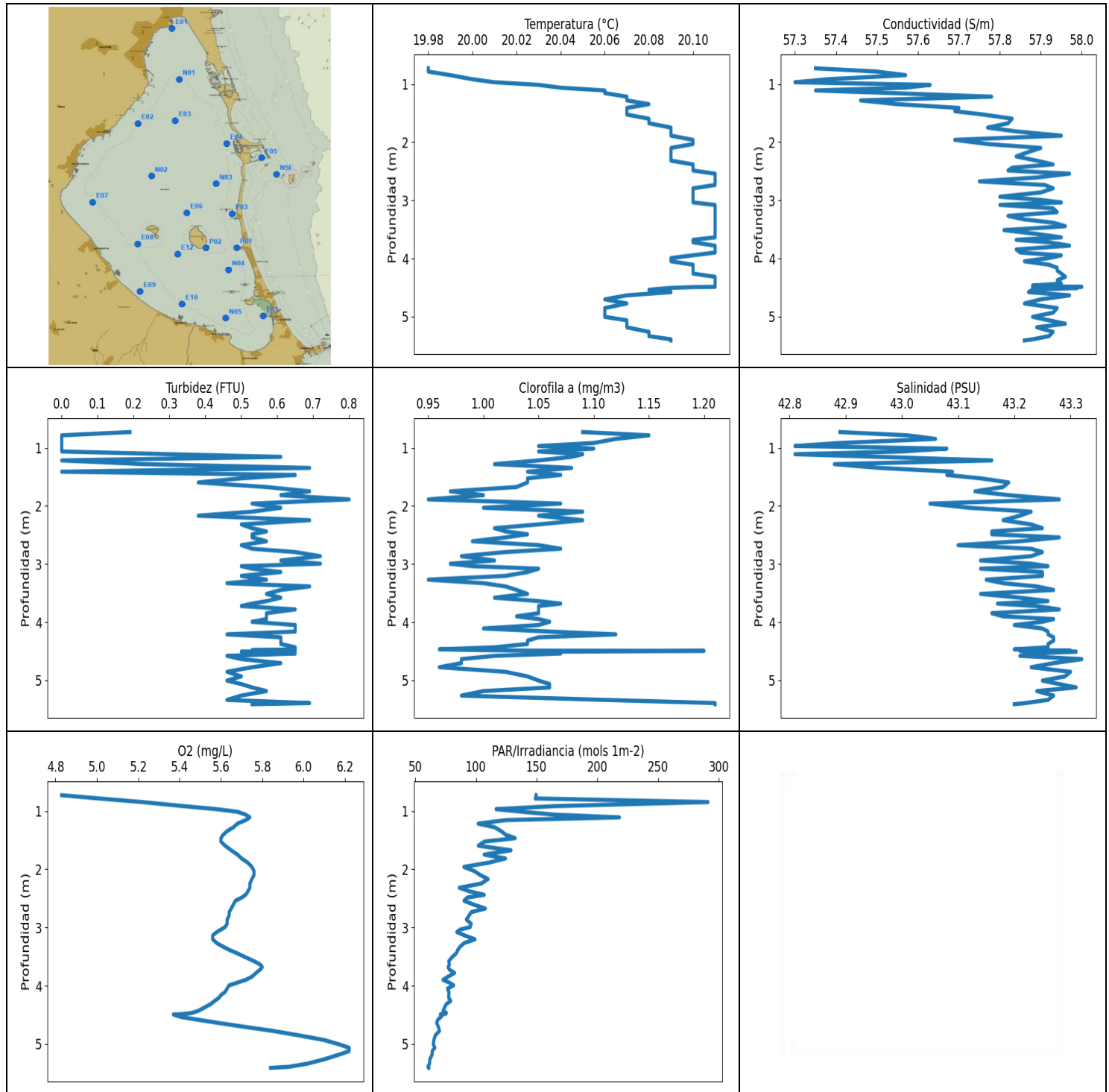
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.728	19.46	56.66	0.57	5.23	47.04	0.82	42.83
0.769	19.48	56.63	0.61	5.34	71.91	1.08	42.79
0.792	19.48	56.96	0.76	5.46	71.31	0.99	43.07
0.82	19.47	57.01	0.61	5.58	50.51	0.84	43.13
0.849	19.52	56.71	0.53	5.69	45.48	0.79	42.81
0.877	19.57	56.87	0.65	5.77	52.01	0.82	42.9
0.921	19.56	57.17	0.61	5.84	56.47	0.82	43.17
0.983	19.59	56.87	0.53	5.89	75.92	0.82	42.89
1.052	19.64	56.87	0.61	5.92	70.8	0.82	42.83
1.122	19.62	57.17	0.46	5.93	48.62	0.84	43.11
1.168	19.62	56.89	0.57	5.95	51.77	0.87	42.87
1.2	19.64	57.08	0.65	5.96	68.51	0.82	43.0
1.241	19.64	57.27	0.57	5.97	74.18	0.78	43.17
1.291	19.66	57.04	0.61	5.97	53.38	0.8	42.94
1.338	19.7	57.01	0.57	5.97	54.21	0.86	42.89
1.371	19.71	57.14	0.53	5.96	51.12	0.89	42.99
1.39	19.7	57.19	0.69	5.93	58.33	0.94	43.04
1.411	19.69	57.25	0.57	5.89	71.45	0.94	43.09
1.447	19.71	57.14	0.65	5.83	71.45	0.87	42.98
1.509	19.73	57.3	0.61	5.76	58.88	0.95	43.1
1.596	19.76	57.38	0.46	5.69	54.64	0.81	43.14
1.672	19.79	57.05	0.53	5.63	57.77	0.83	42.83
1.724	19.79	57.17	0.69	5.57	49.13	0.94	42.93
1.762	19.76	57.43	0.61	5.52	49.38	0.91	43.18
1.797	19.76	57.26	0.65	5.49	64.74	0.83	43.03
1.854	19.78	57.25	0.5	5.5	59.26	0.85	43.01
1.906	19.78	57.28	0.61	5.53	48.45	1.29	43.03
1.938	19.78	57.19	0.65	5.59	47.78	0.85	42.95
1.955	19.79	57.3	0.61	5.65	50.35	0.82	43.04
1.974	19.8	57.36	0.57	5.71	61.53	0.79	43.09
1.993	19.8	57.19	0.57	5.77	55.65	0.81	42.93
2.013	19.81	57.27	0.65	5.81	48.8	0.85	42.99
2.05	19.8	57.45	0.65	5.81	51.66	0.84	43.15
2.094	19.8	57.22	0.69	5.8	50.92	0.82	42.96
2.134	19.81	57.19	0.65	5.77	49.56	0.8	42.93
2.167	19.79	57.37	0.5	5.73	53.4	0.78	43.11

2.193	19.76	57.35	0.69	5.71	51.85	0.78	43.11
2.212	19.75	57.22	0.65	5.72	55.32	1.01	43.01
2.231	19.76	57.38	0.65	5.75	52.11	0.95	43.14
2.262	19.75	57.43	0.57	5.8	48.84	0.88	43.19
2.307	19.76	57.32	0.72	5.86	48.28	0.92	43.09
2.355	19.77	57.23	0.46	5.92	54.02	0.91	43.0
2.395	19.78	57.37	0.61	5.95	53.96	0.93	43.11
2.42	19.77	57.38	0.72	5.97	49.47	0.83	43.13
2.434	19.77	57.41	0.46	5.95	47.91	0.85	43.15
2.451	19.79	57.38	0.57	5.9	56.47	0.85	43.11
2.477	19.8	57.38	0.61	5.83	56.1	0.97	43.1
2.523	19.8	57.48	0.69	5.75	52.77	0.91	43.17
2.578	19.82	57.34	0.57	5.67	52.32	0.86	43.04
2.619	19.83	57.29	0.61	5.58	51.53	0.85	42.99
2.646	19.82	57.41	0.65	5.49	53.51	0.81	43.1
2.677	19.81	57.54	0.5	5.42	55.48	0.88	43.22
2.719	19.82	57.34	0.69	5.37	51.14	0.99	43.04
2.752	19.82	57.27	0.57	5.35	49.02	0.89	42.98
2.765	19.78	57.45	0.46	5.35	55.18	0.85	43.17
2.773	19.75	57.46	0.61	5.38	59.33	0.81	43.22
2.782	19.76	57.32	0.57	5.46	55.61	0.8	43.09
2.787	19.77	57.39	0.57	5.57	54.43	0.83	43.14
2.789	19.75	57.42	0.5	5.85	55.24	0.89	43.18
2.792	19.75	57.46	0.88	6.06	55.29	0.82	43.21
2.804	19.76	57.38	0.65	5.99	52.86	0.89	43.13
2.82	19.77	57.31	0.69	5.91	50.66	0.85	43.07
2.833	19.77	57.32	0.65	5.83	52.2	0.92	43.07
2.851	19.76	57.41	0.72	5.74	48.86	0.89	43.16
2.887	19.75	57.49	0.69	5.66	50.56	0.89	43.24
2.95	19.75	57.43	0.69	5.6	53.71	0.91	43.19
3.016	19.76	57.34	0.99	5.55	50.0	0.85	43.11
3.07	19.76	57.39	1.11	5.5	48.37	0.84	43.14
3.114	19.77	57.52	1.72	5.46	50.0	0.95	43.25
3.156	19.77	57.41	1.41	5.44	51.61	0.92	43.15
3.199	19.79	57.41	1.18	5.43	50.35	0.85	43.13
3.242	19.81	57.46	0.95	5.43	47.86	0.89	43.15
3.283	19.82	57.47	1.22	5.46	50.65	0.82	43.15
3.335	19.83	57.53	0.88	5.49	49.56	0.87	43.19
3.393	19.84	57.47	0.88	5.52	50.98	0.87	43.13
3.455	19.85	57.54	0.99	5.55	47.59	0.97	43.18
3.512	19.86	57.5	0.72	5.57	46.99	0.99	43.13
3.564	19.87	57.53	0.76	5.58	47.46	0.94	43.15
3.596	19.88	57.44	0.8	5.57	46.22	0.89	43.07
3.615	19.88	57.56	0.92	5.56	47.3	0.88	43.16
3.639	19.88	57.66	0.61	5.53	47.9	0.91	43.25
3.679	19.88	57.64	0.72	5.5	47.23	0.95	43.23
3.731	19.89	57.71	0.57	5.48	44.81	0.92	43.29
3.78	19.89	57.73	0.65	5.48	44.44	0.84	43.3
3.819	19.89	57.74	0.65	5.48	45.85	0.87	43.31
3.854	19.89	57.77	0.84	5.49	46.33	0.84	43.33
3.889	19.9	57.78	0.65	5.52	44.74	0.82	43.34
3.924	19.9	57.79	0.99	5.56	43.73	0.98	43.35
3.956	19.9	57.79	0.92	5.62	43.67	0.93	43.35
3.994	19.9	57.82	1.34	5.7	43.19	0.94	43.37
4.036	19.9	57.82	0.99	5.78	43.72	0.89	43.37
4.071	19.9	57.82	0.69	5.86	43.6	0.99	43.37
4.097	19.9	57.83	0.42	5.94	42.73	1.18	43.37
4.125	19.9	57.84	0.69	6.01	42.86	0.95	43.38

4.16	19.9	57.84	0.5	6.08	42.58	0.93	43.38
4.194	19.9	57.84	0.61	6.14	41.94	0.94	43.38
4.239	19.9	57.85	0.46	6.22	41.78	0.92	43.39
4.296	19.9	57.85	0.53	6.3	41.24	0.95	43.39
4.347	19.9	57.85	0.61	6.42	41.22	1.07	43.39
4.385	19.91	57.86	0.46	6.57	40.76	1.03	43.39
4.422	19.91	57.86	0.57	6.71	40.35	1.2	43.39
4.466	19.91	57.86	0.69	6.86	40.81	0.98	43.39
4.505	19.91	57.86	0.61	6.98	39.98	0.85	43.39
4.552	19.91	57.87	0.65	7.09	39.51	0.89	43.4
4.611	19.91	57.87	0.5	7.17	39.87	0.87	43.4
4.662	19.91	57.87	0.61	7.21	39.78	0.85	43.4
4.711	19.91	57.87	0.61	7.22	39.3	0.95	43.4
4.757	19.91	57.87	0.5	7.21	38.68	0.97	43.4
4.797	19.91	57.87	0.65	7.19	38.9	0.94	43.4
4.832	19.91	57.87	0.61	7.17	38.87	1.07	43.4
4.881	19.91	57.88	0.61	7.14	38.12	0.98	43.41
4.958	19.91	57.88	0.61	7.12	37.3	0.91	43.41
5.036	19.91	57.88	0.53	7.1	36.84	0.9	43.41
5.096	19.91	57.88	0.53	7.09	36.68	0.96	43.41
5.156	19.91	57.88	0.57	7.08	36.06	0.94	43.41
5.222	19.91	57.88	0.5	7.06	35.88	0.85	43.41
5.282	19.91	57.88	0.72	7.05	35.42	0.88	43.41
5.329	19.91	57.89	0.61	7.03	34.96	0.92	43.41
5.367	19.91	57.89	0.53	7.03	34.88	0.92	43.41
5.419	19.91	57.89	0.57	7.05	34.62	0.91	43.41
5.485	19.91	57.89	0.46	7.07	34.36	0.93	43.41
5.546	19.91	57.89	0.65	7.11	33.89	0.92	43.41
5.608	19.91	57.89	0.42	7.18	33.24	0.98	43.41
5.671	19.91	57.89	0.65	7.24	32.81	0.95	43.41
5.733	19.91	57.89	0.57	7.29	32.71	0.88	43.41
5.784	19.91	57.89	0.57	7.34	32.56	0.89	43.41
5.837	19.91	57.89	0.61	7.37	31.89	0.85	43.41
5.897	19.91	57.89	0.57	7.37	31.44	0.96	43.41
5.946	19.91	57.89	0.53	7.37	31.23	0.97	43.41
5.967	19.91	57.89	0.53	7.37	31.24	0.86	43.41



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	19.98	57.3	0.0	4.83	60.42	0.95	42.81
PROF (metros)	0.728	0.968	0.784	0.728	5.392	1.887	0.968
MÁXIMO	20.11	20.11	0.8	6.22	291.05	1.21	43.32
PROF (metros)	2.541	4.489	1.887	5.065	0.846	5.392	4.635

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E02 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.98	57.35	0.19	4.83	149.51	1.09	42.89
1 - 2m	20.08	57.69	0.55	5.67	123.4	1.04	43.07
2 - 3m	20.1	57.87	0.57	5.69	97.93	1.03	43.2
3 - 4m	20.11	57.9	0.56	5.68	82.74	1.03	43.22
4 - 5m	20.09	57.92	0.58	5.59	72.69	1.04	43.26
5 - 6m	20.08	57.9	0.53	6.08	62.97	1.08	43.25

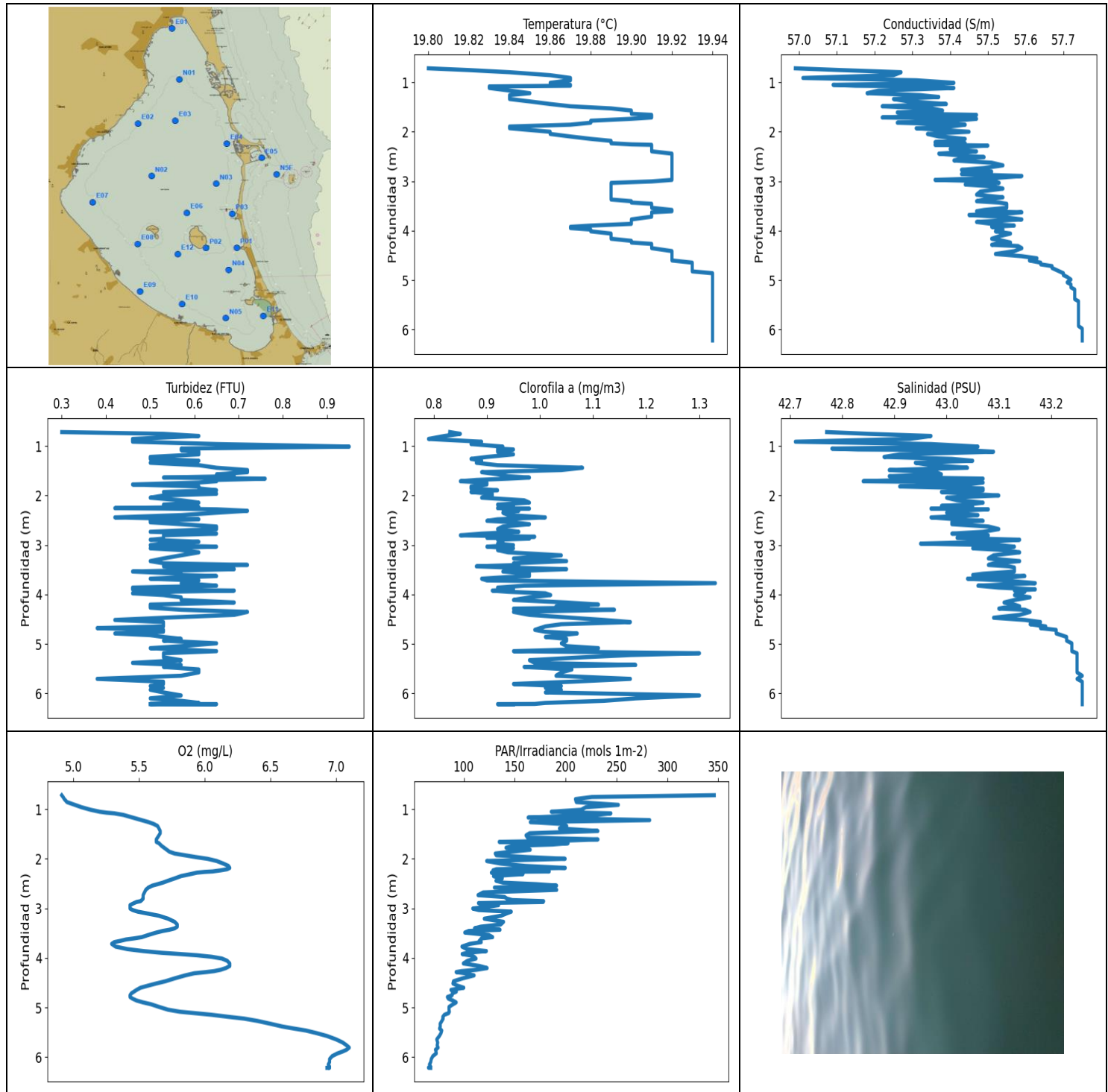
OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.728	19.98	57.35	0.19	4.83	149.51	1.09	42.89
0.784	19.98	57.5	0.0	5.01	148.86	1.15	43.01
0.846	19.99	57.57	0.0	5.22	291.05	1.12	43.06
0.916	20.0	57.38	0.0	5.42	164.15	1.1	42.89
0.968	20.01	57.3	0.0	5.58	116.51	1.05	42.81
1.013	20.03	57.63	0.0	5.68	138.7	1.1	43.08
1.062	20.04	57.57	0.0	5.72	164.57	1.05	43.0
1.109	20.06	57.35	0.3	5.74	218.1	1.09	42.81
1.155	20.06	57.54	0.61	5.72	124.93	1.08	42.96
1.216	20.07	57.78	0.0	5.68	101.74	1.05	43.16
1.28	20.07	57.46	0.23	5.66	115.6	1.01	42.88
1.345	20.08	57.55	0.69	5.63	120.66	1.08	42.96
1.41	20.07	57.7	0.0	5.61	124.73	1.04	43.09
1.466	20.07	57.69	0.65	5.6	132.29	1.07	43.08
1.524	20.07	57.76	0.5	5.6	107.01	1.04	43.14
1.595	20.08	57.83	0.38	5.62	101.93	1.04	43.19
1.674	20.08	57.82	0.57	5.65	128.84	1.03	43.18
1.748	20.09	57.77	0.69	5.68	106.74	0.97	43.13
1.814	20.09	57.84	0.61	5.7	124.32	1.0	43.19
1.887	20.09	57.95	0.8	5.73	110.41	0.95	43.28
1.959	20.1	57.69	0.53	5.75	89.98	1.07	43.05
2.031	20.1	57.77	0.61	5.76	98.7	1.0	43.12
2.098	20.09	57.9	0.53	5.76	103.38	1.09	43.23
2.167	20.09	57.87	0.38	5.75	109.95	1.05	43.21
2.245	20.09	57.84	0.69	5.74	104.37	1.09	43.18
2.317	20.09	57.89	0.5	5.74	86.26	1.05	43.23
2.382	20.1	57.93	0.53	5.73	95.15	1.01	43.25
2.438	20.1	57.83	0.57	5.72	106.74	1.02	43.16
2.487	20.1	57.82	0.53	5.7	92.69	1.04	43.16
2.541	20.11	57.97	0.53	5.67	90.1	1.02	43.28
2.607	20.11	57.89	0.57	5.66	98.19	0.99	43.21
2.674	20.11	57.75	0.5	5.65	107.68	1.05	43.1
2.736	20.11	57.91	0.53	5.64	96.1	1.07	43.23
2.793	20.1	57.93	0.65	5.64	94.29	1.02	43.25
2.864	20.1	57.9	0.72	5.63	92.04	0.98	43.23
2.938	20.1	57.8	0.61	5.63	96.01	1.01	43.14

2.993	20.1	57.9	0.72	5.62	95.15	0.97	43.23
3.036	20.1	57.95	0.5	5.6	86.96	0.99	43.26
3.079	20.11	57.8	0.53	5.58	84.19	1.05	43.14
3.137	20.11	57.93	0.61	5.56	90.69	1.04	43.25
3.203	20.11	57.94	0.5	5.56	99.22	1.02	43.25
3.268	20.11	57.82	0.57	5.58	90.19	0.95	43.15
3.329	20.11	57.86	0.46	5.61	86.92	1.0	43.18
3.384	20.11	57.93	0.69	5.64	85.05	1.02	43.24
3.445	20.11	57.96	0.61	5.68	83.7	1.03	43.27
3.513	20.11	57.81	0.57	5.72	80.08	1.04	43.14
3.578	20.11	57.89	0.61	5.76	77.57	1.01	43.21
3.637	20.11	57.95	0.57	5.79	78.08	1.05	43.26
3.68	20.1	57.84	0.53	5.8	77.02	1.07	43.17
3.722	20.1	57.92	0.5	5.79	78.06	1.05	43.24
3.78	20.11	57.97	0.65	5.77	82.39	1.05	43.28
3.845	20.11	57.84	0.57	5.75	76.88	1.05	43.16
3.899	20.11	57.85	0.57	5.72	72.85	1.03	43.18
3.946	20.1	57.95	0.57	5.68	77.93	1.05	43.27
3.993	20.09	57.92	0.53	5.64	81.61	1.06	43.25
4.049	20.09	57.86	0.65	5.63	76.57	1.05	43.2
4.108	20.1	57.92	0.65	5.62	77.74	1.0	43.25
4.161	20.1	57.94	0.65	5.6	77.57	1.06	43.26
4.209	20.1	57.94	0.46	5.59	77.57	1.12	43.26
4.26	20.1	57.95	0.61	5.57	79.23	1.05	43.27
4.316	20.11	57.96	0.61	5.55	75.48	1.04	43.27
4.375	20.11	57.94	0.61	5.52	74.04	1.04	43.26
4.432	20.11	57.95	0.65	5.49	72.97	1.01	43.26
4.467	20.11	57.88	0.65	5.46	75.6	0.96	43.2
4.481	20.11	57.92	0.53	5.43	75.22	1.0	43.23
4.489	20.11	58.0	0.65	5.41	71.07	1.04	43.3
4.493	20.1	57.88	0.61	5.37	70.56	1.2	43.21
4.507	20.09	57.99	0.5	5.38	72.23	1.07	43.31
4.539	20.08	57.88	0.65	5.41	71.03	1.07	43.23
4.579	20.09	57.87	0.46	5.48	68.67	1.01	43.21
4.635	20.07	57.97	0.5	5.58	67.55	0.98	43.32
4.704	20.06	57.9	0.61	5.71	69.0	0.98	43.27
4.775	20.07	57.86	0.53	5.85	69.91	0.96	43.23
4.854	20.06	57.94	0.46	5.98	66.46	1.02	43.3
4.933	20.06	57.93	0.5	6.1	65.26	1.04	43.29
5.005	20.06	57.88	0.46	6.17	64.8	1.05	43.25
5.065	20.07	57.92	0.5	6.22	66.08	1.06	43.28
5.123	20.07	57.96	0.53	6.22	63.94	1.06	43.31
5.185	20.07	57.89	0.57	6.17	63.84	1.0	43.24
5.263	20.08	57.93	0.5	6.1	61.97	0.98	43.27
5.337	20.08	57.92	0.46	6.02	61.73	1.11	43.26
5.392	20.09	57.88	0.69	5.93	60.42	1.21	43.22
5.411	20.09	57.86	0.53	5.84	60.96	1.21	43.2



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	19.8	56.99	0.31	4.91	65.08	0.79	42.71
PROF (metros)	0.717	0.717	0.717	0.717	6.214	0.856	0.912
MÁXIMO	19.94	19.94	0.95	7.1	346.15	1.33	43.26
PROF (metros)	4.86	5.981	1.011	5.81	0.717	3.772	5.644

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E03 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.84	57.16	0.5	4.96	244.0	0.84	42.87
1 - 2m	19.87	57.32	0.62	5.59	184.87	0.92	42.98
2 - 3m	19.91	57.44	0.56	5.76	148.04	0.94	43.04
3 - 4m	19.9	57.52	0.56	5.6	117.63	0.97	43.11
4 - 5m	19.92	57.61	0.54	5.76	96.74	1.04	43.17
5 - 6m	19.94	57.73	0.54	6.62	77.01	1.06	43.25
6 - 7m	19.94	57.75	0.56	6.94	66.6	1.07	43.26

OBSERVACIONES GENERALES

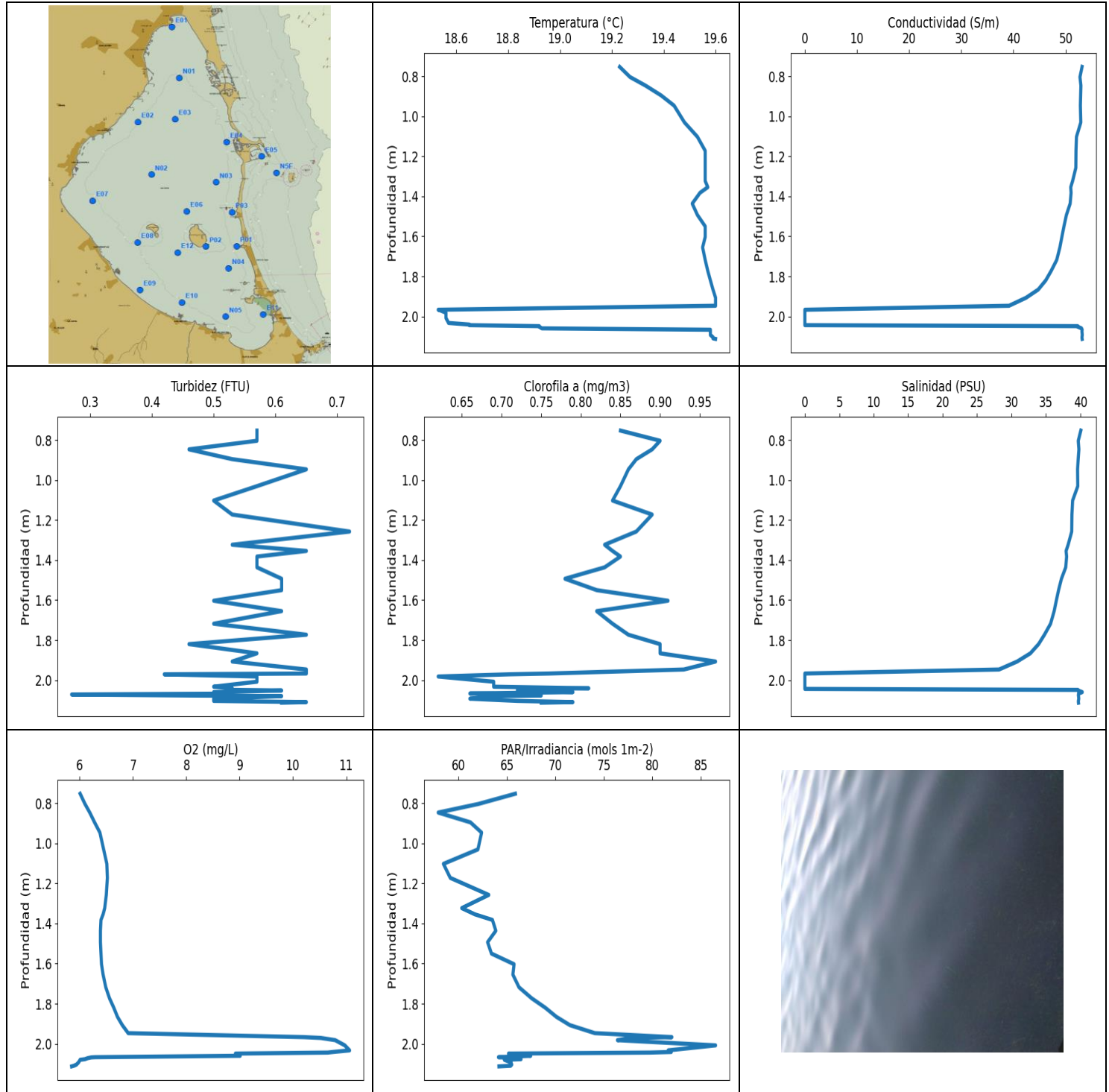
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.717	19.8	56.99	0.3	4.91	346.15	0.83	42.77
0.753	19.82	57.11	0.53	4.92	225.87	0.85	42.85
0.796	19.84	57.27	0.61	4.93	209.67	0.82	42.97
0.856	19.86	57.25	0.46	4.95	210.5	0.79	42.93
0.912	19.87	57.01	0.46	5.01	251.86	0.89	42.71
0.959	19.87	57.31	0.65	5.06	219.93	0.87	42.97
1.011	19.86	57.41	0.95	5.13	215.24	0.93	43.06
1.051	19.87	57.09	0.57	5.2	185.87	0.92	42.78
1.069	19.87	57.15	0.61	5.25	216.19	0.95	42.83
1.083	19.83	57.36	0.57	5.31	244.5	0.92	43.04
1.115	19.83	57.41	0.61	5.38	230.95	0.92	43.09
1.168	19.84	57.21	0.61	5.45	163.13	0.95	42.91
1.22	19.85	57.18	0.5	5.52	282.68	0.9	42.88
1.259	19.84	57.32	0.5	5.57	165.26	0.87	43.01
1.297	19.84	57.37	0.61	5.61	196.54	0.89	43.05
1.338	19.84	57.25	0.5	5.64	201.06	0.88	42.94
1.387	19.85	57.29	0.61	5.65	193.92	0.92	42.97
1.439	19.86	57.39	0.65	5.66	231.7	1.08	43.04
1.485	19.87	57.22	0.72	5.66	164.53	1.04	42.89
1.528	19.89	57.35	0.72	5.65	161.06	0.89	42.98
1.571	19.9	57.38	0.65	5.64	162.56	0.92	42.99
1.609	19.9	57.26	0.69	5.63	231.81	0.94	42.89
1.637	19.9	57.32	0.53	5.63	194.19	0.98	42.94
1.659	19.91	57.47	0.76	5.63	134.67	0.94	43.07
1.685	19.91	57.32	0.65	5.65	202.41	0.88	42.93
1.711	19.91	57.22	0.65	5.66	187.51	0.85	42.84
1.738	19.9	57.47	0.61	5.67	148.13	0.9	43.07
1.777	19.88	57.41	0.46	5.69	141.36	0.9	43.04
1.817	19.88	57.26	0.61	5.71	165.18	0.87	42.91
1.857	19.87	57.44	0.61	5.73	146.63	0.87	43.07
1.894	19.84	57.4	0.65	5.77	130.8	0.92	43.07
1.929	19.84	57.31	0.53	5.85	131.83	0.87	42.99
1.965	19.85	57.38	0.65	5.93	161.85	0.91	43.04
2.0	19.86	57.45	0.53	6.02	199.53	0.91	43.1
2.044	19.86	57.34	0.5	6.09	122.38	0.89	43.0

2.096	19.87	57.37	0.57	6.14	136.05	0.97	43.02
2.144	19.88	57.44	0.61	6.18	160.32	0.98	43.07
2.184	19.89	57.42	0.53	6.19	199.67	0.92	43.04
2.21	19.89	57.36	0.53	6.17	131.86	0.95	42.99
2.233	19.89	57.44	0.61	6.12	128.54	0.93	43.05
2.255	19.9	57.42	0.42	6.06	183.89	0.92	43.03
2.264	19.91	57.36	0.53	6.0	137.51	0.98	42.97
2.279	19.91	57.5	0.65	5.94	126.97	0.93	43.08
2.309	19.91	57.42	0.72	5.89	158.03	0.96	43.02
2.348	19.91	57.4	0.65	5.82	129.02	0.93	43.0
2.396	19.91	57.47	0.57	5.77	137.7	0.94	43.06
2.442	19.92	57.37	0.42	5.72	131.47	1.01	42.97
2.481	19.92	57.43	0.61	5.68	138.57	0.92	43.02
2.512	19.92	57.49	0.5	5.64	171.03	0.9	43.07
2.541	19.92	57.43	0.5	5.6	191.11	0.95	43.01
2.58	19.92	57.41	0.57	5.57	129.95	0.98	43.01
2.626	19.92	57.51	0.65	5.55	191.24	0.93	43.08
2.679	19.92	57.54	0.65	5.54	118.91	0.92	43.1
2.733	19.92	57.49	0.5	5.53	113.87	0.96	43.07
2.771	19.92	57.43	0.65	5.53	139.99	0.89	43.01
2.804	19.92	57.51	0.53	5.53	142.38	0.85	43.08
2.833	19.92	57.5	0.53	5.52	147.55	0.99	43.07
2.855	19.92	57.43	0.53	5.51	178.39	0.9	43.02
2.871	19.92	57.49	0.53	5.48	177.98	0.98	43.06
2.894	19.92	57.59	0.5	5.46	114.27	0.92	43.14
2.935	19.92	57.52	0.61	5.43	134.08	0.93	43.08
2.973	19.92	57.36	0.53	5.43	120.77	0.92	42.95
3.004	19.91	57.52	0.5	5.43	108.66	0.95	43.1
3.034	19.89	57.53	0.65	5.45	114.53	0.9	43.13
3.067	19.89	57.44	0.5	5.49	146.56	0.95	43.05
3.103	19.89	57.51	0.57	5.56	141.88	0.92	43.11
3.149	19.89	57.54	0.61	5.65	136.5	0.94	43.14
3.209	19.89	57.48	0.57	5.72	119.99	1.04	43.09
3.272	19.89	57.47	0.53	5.77	138.95	0.95	43.08
3.326	19.89	57.54	0.5	5.79	136.18	1.05	43.14
3.37	19.89	57.49	0.53	5.79	116.51	0.95	43.09
3.404	19.9	57.47	0.72	5.77	110.36	0.96	43.08
3.432	19.9	57.53	0.53	5.73	135.46	0.88	43.12
3.456	19.91	57.55	0.57	5.68	104.75	0.94	43.13
3.489	19.91	57.55	0.69	5.63	100.82	1.05	43.13
3.537	19.91	57.55	0.46	5.57	124.41	0.93	43.13
3.581	19.92	57.49	0.57	5.52	128.22	0.98	43.07
3.607	19.92	57.47	0.57	5.46	117.0	0.98	43.05
3.628	19.91	57.59	0.65	5.4	116.84	0.98	43.15
3.654	19.91	57.55	0.57	5.36	115.12	0.93	43.12
3.682	19.91	57.45	0.5	5.31	117.0	0.89	43.04
3.717	19.91	57.53	0.61	5.29	105.78	0.9	43.11
3.772	19.9	57.59	0.57	5.32	98.04	1.33	43.17
3.823	19.9	57.47	0.65	5.41	102.9	0.97	43.06
3.862	19.9	57.51	0.46	5.53	122.07	0.92	43.1
3.897	19.88	57.57	0.46	5.67	103.45	0.95	43.17
3.922	19.87	57.51	0.69	5.81	98.24	0.91	43.13
3.947	19.87	57.53	0.53	5.94	105.75	0.94	43.15
3.977	19.88	57.54	0.46	6.05	110.05	1.01	43.14
4.013	19.88	57.52	0.53	6.13	111.91	1.02	43.13
4.058	19.89	57.56	0.57	6.17	103.52	0.98	43.16
4.112	19.89	57.53	0.57	6.19	99.41	0.95	43.13
4.163	19.89	57.51	0.69	6.19	115.28	1.05	43.11

4.205	19.9	57.54	0.5	6.16	122.81	1.11	43.13
4.24	19.9	57.56	0.5	6.12	112.24	1.03	43.14
4.267	19.91	57.52	0.5	6.07	97.6	1.09	43.11
4.286	19.91	57.51	0.53	6.01	92.32	0.95	43.1
4.31	19.91	57.58	0.57	5.92	101.39	1.14	43.15
4.353	19.91	57.59	0.72	5.85	110.0	0.95	43.16
4.413	19.92	57.57	0.69	5.77	98.7	0.98	43.14
4.471	19.92	57.52	0.53	5.7	89.75	1.06	43.09
4.516	19.92	57.59	0.42	5.63	89.17	1.12	43.15
4.558	19.92	57.63	0.53	5.57	93.36	1.17	43.18
4.602	19.92	57.61	0.53	5.51	99.87	1.04	43.16
4.646	19.93	57.64	0.53	5.48	87.21	1.01	43.19
4.681	19.93	57.64	0.38	5.46	92.49	1.0	43.18
4.716	19.93	57.67	0.53	5.44	88.55	0.99	43.21
4.754	19.93	57.67	0.53	5.43	88.37	1.01	43.21
4.789	19.93	57.68	0.42	5.43	83.7	1.07	43.21
4.823	19.93	57.69	0.5	5.45	84.74	1.04	43.22
4.86	19.94	57.7	0.53	5.48	89.11	1.01	43.23
4.898	19.94	57.7	0.57	5.53	92.39	1.05	43.23
4.935	19.94	57.71	0.53	5.59	89.33	1.05	43.23
4.988	19.94	57.72	0.65	5.65	85.31	1.04	43.24
5.045	19.94	57.71	0.57	5.72	85.31	1.05	43.24
5.086	19.94	57.72	0.5	5.81	85.66	1.11	43.24
5.114	19.94	57.72	0.57	5.92	84.97	1.06	43.24
5.147	19.94	57.72	0.65	6.05	80.82	0.95	43.24
5.189	19.94	57.73	0.53	6.18	79.19	1.3	43.25
5.225	19.94	57.73	0.53	6.3	79.58	1.17	43.25
5.271	19.94	57.73	0.53	6.4	78.31	1.08	43.25
5.329	19.94	57.73	0.57	6.5	76.59	0.98	43.25
5.384	19.94	57.73	0.46	6.59	76.73	0.99	43.25
5.426	19.94	57.74	0.57	6.68	75.99	1.18	43.25
5.465	19.94	57.74	0.53	6.77	78.19	0.97	43.25
5.517	19.94	57.74	0.61	6.85	77.45	1.06	43.25
5.575	19.94	57.74	0.61	6.93	75.83	1.04	43.25
5.644	19.94	57.74	0.57	7.0	73.28	1.03	43.26
5.707	19.94	57.74	0.38	7.05	74.18	1.17	43.25
5.764	19.94	57.74	0.53	7.08	73.68	1.06	43.26
5.81	19.94	57.74	0.53	7.1	74.58	0.95	43.26
5.852	19.94	57.74	0.5	7.08	72.01	1.04	43.26
5.888	19.94	57.74	0.53	7.05	72.55	1.01	43.26
5.927	19.94	57.74	0.5	7.01	72.78	1.04	43.26
5.981	19.94	57.75	0.53	6.97	69.42	1.01	43.26
6.042	19.94	57.75	0.57	6.95	67.86	1.3	43.26
6.101	19.94	57.75	0.5	6.95	67.32	1.18	43.26
6.151	19.94	57.75	0.57	6.94	66.08	1.12	43.26
6.193	19.94	57.75	0.61	6.95	67.24	1.01	43.26
6.214	19.94	57.75	0.5	6.94	65.08	0.99	43.26
6.218	19.94	57.75	0.65	6.95	65.29	0.92	43.26
6.219	19.94	57.75	0.5	6.93	67.35	0.95	43.26



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	18.53	0.0	0.27	5.85	57.91	0.62	0.0
PROF (metros)	1.967	1.967	2.072	2.113	0.846	1.982	1.967
MÁXIMO	19.6	19.6	0.73	11.06	86.54	0.97	40.27
PROF (metros)	1.907	2.093	1.257	2.033	2.008	1.907	2.06

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E01 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.33	52.91	0.56	6.19	61.9	0.87	39.76
1 - 2m	19.56	48.84	0.57	6.52	64.91	0.86	36.16
2 - 3m	19.42	53.01	0.52	6.78	65.39	0.72	39.76

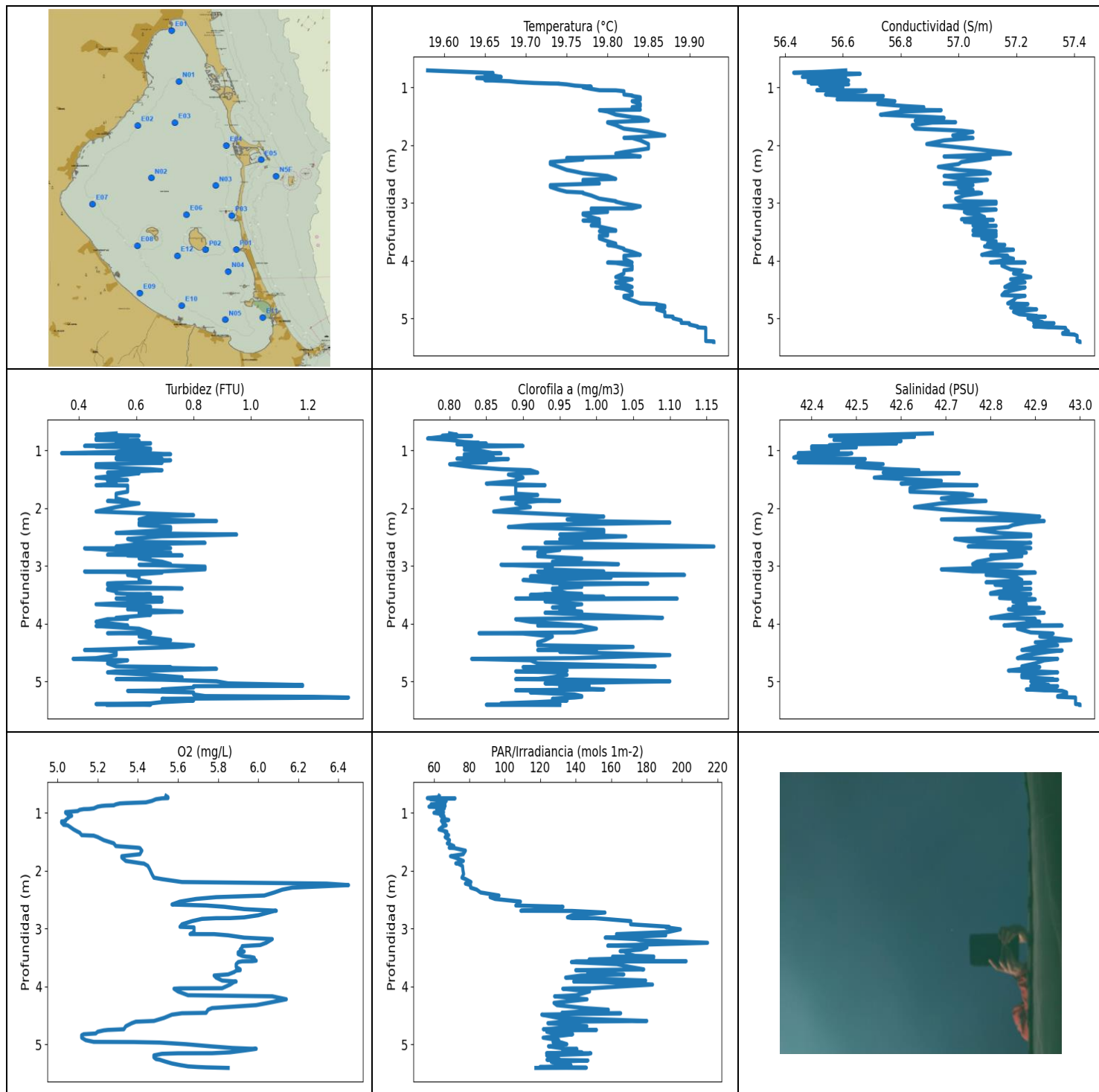
OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.752	19.23	53.15	0.57	6.01	65.88	0.85	40.06
0.803	19.27	52.75	0.57	6.1	62.07	0.9	39.69
0.846	19.33	52.93	0.46	6.19	57.91	0.89	39.78
0.895	19.39	52.88	0.53	6.28	61.24	0.87	39.68
0.946	19.44	52.83	0.65	6.38	62.39	0.86	39.59
1.03	19.48	52.91	0.57	6.45	62.01	0.85	39.62
1.102	19.53	52.08	0.5	6.51	58.45	0.84	38.87
1.172	19.56	51.99	0.53	6.52	59.16	0.89	38.77
1.257	19.56	51.96	0.72	6.5	63.13	0.87	38.74
1.323	19.56	51.34	0.53	6.47	60.34	0.83	38.22
1.354	19.57	50.98	0.65	6.44	61.7	0.84	37.92
1.382	19.54	51.05	0.57	6.4	63.51	0.85	38.0
1.436	19.51	50.87	0.57	6.39	63.86	0.83	37.87
1.493	19.53	50.15	0.61	6.39	63.01	0.78	37.25
1.55	19.56	49.68	0.61	6.4	63.41	0.82	36.83
1.603	19.56	49.28	0.5	6.41	65.74	0.91	36.5
1.655	19.55	48.9	0.61	6.44	65.62	0.82	36.19
1.718	19.56	48.29	0.5	6.49	66.25	0.84	35.67
1.773	19.57	47.22	0.65	6.56	67.56	0.86	34.78
1.82	19.58	46.19	0.46	6.64	68.96	0.9	33.93
1.866	19.59	44.75	0.57	6.71	70.12	0.9	32.74
1.907	19.6	42.41	0.53	6.8	71.5	0.97	30.82
1.947	19.6	39.15	0.65	6.91	74.08	0.93	28.19
1.967	18.53	0.0	0.65	10.21	82.03	0.76	0.0
1.971	18.54	0.0	0.42	10.52	77.75	0.71	0.0
1.982	18.56	0.0	0.57	10.79	76.41	0.62	0.0
2.008	18.56	0.0	0.57	10.97	86.54	0.69	0.0
2.033	18.57	0.0	0.5	11.06	81.65	0.69	0.0
2.041	18.65	0.0	0.53	10.75	81.97	0.81	0.0
2.044	18.65	0.0	0.53	10.65	79.76	0.73	0.0
2.049	18.92	52.32	0.53	8.92	65.17	0.72	39.65
2.052	18.92	52.35	0.61	8.95	66.31	0.72	39.68
2.06	18.93	53.05	0.5	9.01	67.46	0.79	40.27
2.067	19.58	53.17	0.5	6.29	64.13	0.66	39.74
2.068	19.58	53.16	0.5	6.22	64.65	0.69	39.73
2.072	19.58	53.14	0.27	6.15	65.33	0.72	39.72
2.077	19.58	53.13	0.46	6.1	66.46	0.75	39.71
2.08	19.58	53.15	0.61	6.01	64.74	0.69	39.73
2.093	19.58	53.19	0.5	5.98	65.42	0.66	39.76

2.104	19.59	53.14	0.5	5.94	65.5	0.72	39.71
2.11	19.59	53.15	0.65	5.89	65.38	0.79	39.71
2.113	19.6	53.17	0.61	5.85	64.18	0.75	39.72



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	19.58	56.43	0.34	5.02	56.25	0.77	42.36
PROF (metros)	0.708	0.748	1.051	1.15	0.748	0.796	1.125
MÁXIMO	19.93	19.93	1.34	6.45	214.39	1.16	43.0
PROF (metros)	5.395	5.395	5.276	2.249	3.245	2.664	5.395

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N01 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.68	56.54	0.56	5.3	63.47	0.82	42.51
1 - 2m	19.82	56.79	0.56	5.2	68.48	0.87	42.57
2 - 3m	19.77	57.04	0.65	5.85	118.42	0.96	42.83
3 - 4m	19.8	57.09	0.6	5.9	167.58	0.96	42.85
4 - 5m	19.84	57.21	0.61	5.53	136.76	0.95	42.91
5 - 6m	19.91	57.36	0.81	5.7	132.66	0.94	42.96

OBSERVACIONES GENERALES

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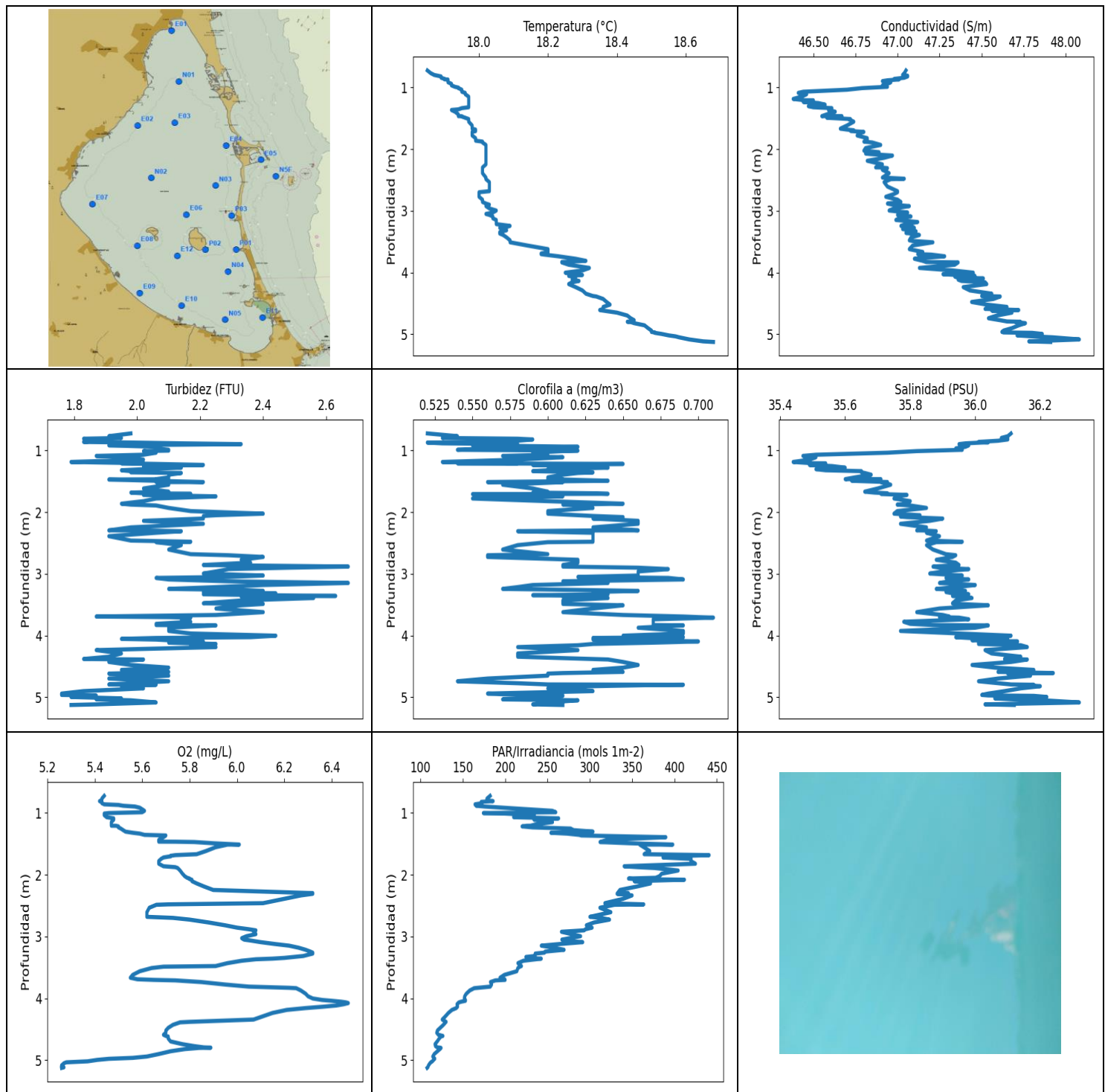
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	19.58	56.61	0.53	5.54	62.9	0.8	42.67
0.731	19.62	56.53	0.46	5.55	62.56	0.81	42.55
0.748	19.65	56.43	0.61	5.55	56.25	0.79	42.44
0.752	19.66	56.56	0.53	5.52	71.91	0.83	42.54
0.767	19.65	56.66	0.57	5.49	58.06	0.79	42.63
0.796	19.66	56.54	0.46	5.47	66.96	0.77	42.53
0.821	19.67	56.46	0.46	5.44	63.91	0.8	42.45
0.834	19.64	56.58	0.61	5.34	66.29	0.81	42.59
0.84	19.64	56.61	0.57	5.31	65.23	0.81	42.6
0.856	19.66	56.55	0.61	5.29	58.37	0.82	42.53
0.872	19.66	56.48	0.53	5.28	65.32	0.84	42.47
0.877	19.65	56.55	0.65	5.24	66.02	0.83	42.55
0.883	19.66	56.62	0.65	5.22	66.32	0.85	42.59
0.895	19.68	56.52	0.57	5.2	57.19	0.81	42.49
0.91	19.69	56.48	0.5	5.19	64.1	0.84	42.44
0.925	19.71	56.51	0.42	5.18	65.88	0.9	42.44
0.934	19.73	56.51	0.57	5.16	61.6	0.85	42.43
0.936	19.74	56.49	0.57	5.15	63.23	0.83	42.4
0.938	19.74	56.58	0.46	5.13	61.58	0.82	42.48
0.95	19.75	56.62	0.61	5.11	62.97	0.83	42.5
0.971	19.76	56.52	0.65	5.1	64.27	0.84	42.4
0.989	19.78	56.57	0.65	5.04	65.44	0.82	42.43
1.001	19.77	56.6	0.57	5.04	60.0	0.84	42.46
1.028	19.78	56.58	0.53	5.05	65.3	0.85	42.44
1.051	19.79	56.51	0.34	5.07	63.73	0.86	42.37
1.053	19.81	56.68	0.65	5.07	65.53	0.87	42.49
1.068	19.82	56.67	0.72	5.06	65.82	0.82	42.48
1.098	19.82	56.56	0.57	5.05	64.58	0.82	42.37
1.125	19.82	56.54	0.53	5.04	68.38	0.86	42.36
1.141	19.83	56.58	0.53	5.04	64.22	0.85	42.39
1.145	19.83	56.58	0.69	5.03	66.52	0.81	42.39
1.15	19.83	56.74	0.53	5.02	65.77	0.88	42.52
1.172	19.84	56.71	0.72	5.02	64.88	0.85	42.49
1.209	19.84	56.58	0.61	5.03	65.6	0.85	42.37
1.217	19.84	56.73	0.69	5.05	66.91	0.82	42.5
1.24	19.83	56.78	0.46	5.06	64.8	0.8	42.56

1.289	19.84	56.72	0.46	5.08	62.88	0.83	42.5
1.327	19.84	56.82	0.65	5.1	67.28	0.87	42.58
1.344	19.83	56.88	0.69	5.11	66.4	0.91	42.64
1.387	19.84	56.8	0.5	5.12	68.3	0.92	42.56
1.396	19.79	56.94	0.61	5.18	67.3	0.9	42.73
1.42	19.8	56.8	0.57	5.2	66.31	0.88	42.61
1.473	19.81	56.73	0.46	5.23	68.78	0.9	42.54
1.516	19.83	56.91	0.57	5.27	68.35	0.89	42.66
1.528	19.84	56.95	0.5	5.28	67.53	0.89	42.69
1.575	19.85	56.85	0.53	5.29	71.23	0.85	42.6
1.604	19.8	56.99	0.46	5.4	68.61	0.93	42.77
1.61	19.8	56.91	0.57	5.41	71.51	0.89	42.69
1.654	19.81	56.84	0.57	5.42	77.77	0.89	42.62
1.716	19.82	56.85	0.57	5.41	76.5	0.89	42.62
1.75	19.84	57.01	0.53	5.32	69.33	0.89	42.74
1.773	19.85	57.05	0.53	5.32	71.9	0.92	42.76
1.832	19.87	56.98	0.53	5.34	76.61	0.87	42.69
1.874	19.82	57.04	0.57	5.42	72.33	0.95	42.78
1.877	19.83	57.05	0.5	5.43	73.46	0.92	42.79
1.918	19.84	56.95	0.61	5.45	76.11	0.89	42.69
1.982	19.85	56.89	0.53	5.46	76.31	0.91	42.63
2.059	19.85	57.04	0.46	5.47	76.73	0.86	42.75
2.121	19.82	57.15	0.8	5.48	75.81	0.97	42.87
2.146	19.81	57.18	0.65	5.52	77.88	1.01	42.91
2.196	19.84	56.95	0.61	5.62	80.9	0.96	42.69
2.223	19.75	57.11	0.88	6.34	77.74	0.98	42.92
2.249	19.77	57.08	0.61	6.45	80.65	1.1	42.88
2.293	19.73	57.01	0.61	6.17	80.69	0.91	42.85
2.327	19.73	57.0	0.72	6.12	84.11	0.88	42.84
2.376	19.74	56.93	0.72	6.08	86.32	1.01	42.77
2.429	19.75	57.0	0.53	6.03	96.7	1.01	42.82
2.457	19.76	57.09	0.95	5.79	91.7	0.95	42.89
2.488	19.77	57.11	0.69	5.69	94.51	1.04	42.89
2.534	19.8	56.95	0.57	5.61	108.81	0.95	42.72
2.584	19.81	57.01	0.61	5.57	106.84	0.98	42.76
2.601	19.77	57.1	0.84	5.74	106.2	0.93	42.89
2.623	19.77	57.06	0.61	5.83	132.81	1.01	42.86
2.664	19.79	56.95	0.53	5.93	128.69	1.16	42.75
2.692	19.73	57.05	0.72	6.09	109.06	0.9	42.89
2.695	19.73	57.03	0.42	6.08	137.8	0.92	42.87
2.723	19.73	57.0	0.5	6.05	156.5	0.95	42.84
2.77	19.74	57.05	0.72	6.0	138.06	0.92	42.88
2.806	19.75	57.0	0.5	5.93	135.33	0.93	42.83
2.819	19.77	56.99	0.76	5.86	137.99	0.92	42.8
2.82	19.77	57.07	0.57	5.79	150.7	0.92	42.86
2.832	19.77	57.08	0.65	5.72	155.81	0.92	42.87
2.871	19.78	57.02	0.61	5.67	171.11	0.98	42.81
2.926	19.79	56.99	0.69	5.62	170.99	0.94	42.77
2.969	19.81	57.0	0.72	5.61	192.71	1.03	42.76
2.979	19.81	57.13	0.61	5.68	190.93	0.87	42.87
3.012	19.82	57.13	0.84	5.68	199.06	0.94	42.86
3.059	19.84	56.95	0.84	5.68	192.08	0.93	42.69
3.095	19.83	57.02	0.69	5.66	164.69	1.01	42.76
3.096	19.78	57.05	0.42	5.78	163.01	0.92	42.84
3.116	19.78	57.13	0.69	5.85	190.8	0.93	42.9
3.156	19.8	57.02	0.57	5.93	156.64	1.12	42.79
3.181	19.77	57.03	0.61	6.07	173.98	0.91	42.84
3.202	19.77	57.07	0.61	6.06	176.75	1.02	42.86

3.245	19.78	57.09	0.61	6.04	214.39	0.9	42.87
3.284	19.79	57.01	0.65	6.01	170.79	0.94	42.79
3.295	19.78	57.12	0.53	5.96	158.07	0.94	42.89
3.303	19.77	57.09	0.5	5.92	180.1	1.07	42.87
3.325	19.79	57.02	0.5	5.92	180.18	0.95	42.81
3.362	19.79	57.1	0.53	5.91	176.91	0.98	42.87
3.39	19.78	57.05	0.76	5.91	165.07	0.94	42.83
3.396	19.79	57.13	0.5	5.93	169.96	0.94	42.89
3.409	19.79	57.1	0.5	5.9	168.04	0.94	42.87
3.44	19.8	57.06	0.53	5.9	170.0	0.95	42.82
3.471	19.81	57.05	0.53	5.92	173.54	0.96	42.8
3.483	19.81	57.05	0.57	5.94	184.06	0.98	42.8
3.484	19.8	57.13	0.57	5.94	160.8	0.93	42.89
3.488	19.79	57.08	0.65	5.96	163.62	0.93	42.85
3.503	19.8	57.07	0.61	5.98	183.94	0.91	42.83
3.532	19.8	57.13	0.57	5.98	147.62	1.01	42.88
3.554	19.8	57.05	0.69	5.99	150.56	0.95	42.82
3.563	19.8	57.08	0.53	5.97	202.32	0.89	42.84
3.565	19.79	57.13	0.57	5.92	140.38	1.11	42.89
3.578	19.79	57.13	0.57	5.9	137.58	0.94	42.9
3.614	19.79	57.08	0.69	5.89	163.32	0.93	42.85
3.663	19.8	57.13	0.46	5.89	170.79	0.98	42.88
3.704	19.81	57.1	0.65	5.91	178.39	0.95	42.85
3.718	19.81	57.13	0.65	5.91	140.02	0.94	42.88
3.726	19.8	57.16	0.61	5.89	154.95	0.97	42.91
3.75	19.81	57.09	0.57	5.88	146.7	0.95	42.84
3.791	19.82	57.14	0.76	5.85	167.15	0.98	42.87
3.81	19.82	57.19	0.61	5.78	143.01	0.93	42.92
3.846	19.83	57.12	0.65	5.79	134.3	0.99	42.84
3.897	19.84	57.08	0.53	5.82	179.47	1.09	42.8
3.914	19.82	57.17	0.57	5.89	138.89	0.92	42.9
3.921	19.82	57.15	0.5	5.88	155.31	0.89	42.88
3.966	19.82	57.19	0.46	5.86	183.34	0.91	42.91
4.029	19.83	57.11	0.57	5.82	149.1	0.98	42.83
4.032	19.8	57.23	0.5	5.61	137.96	0.92	42.96
4.038	19.81	57.15	0.46	5.58	132.69	0.98	42.89
4.085	19.83	57.15	0.61	5.6	147.82	1.0	42.86
4.15	19.83	57.18	0.65	5.65	140.28	0.97	42.89
4.164	19.82	57.21	0.5	5.97	132.23	0.84	42.93
4.169	19.82	57.22	0.65	6.07	128.07	0.9	42.94
4.22	19.82	57.19	0.61	6.14	146.39	0.94	42.91
4.282	19.81	57.25	0.72	6.05	127.74	0.93	42.98
4.321	19.83	57.18	0.61	5.99	129.41	0.92	42.9
4.372	19.81	57.23	0.8	5.77	144.87	0.92	42.95
4.4	19.82	57.18	0.76	5.75	158.4	1.05	42.9
4.454	19.83	57.16	0.42	5.74	132.23	0.92	42.87
4.461	19.81	57.23	0.5	5.62	165.37	1.0	42.96
4.485	19.82	57.21	0.53	5.57	120.86	0.95	42.93
4.542	19.83	57.16	0.53	5.53	130.22	1.1	42.88
4.594	19.83	57.15	0.46	5.48	180.1	0.97	42.86
4.607	19.82	57.23	0.38	5.39	133.15	0.83	42.95
4.632	19.82	57.2	0.57	5.37	124.3	0.91	42.92
4.685	19.83	57.19	0.5	5.34	146.29	0.92	42.9
4.737	19.84	57.17	0.53	5.33	121.73	1.08	42.87
4.749	19.86	57.24	0.72	5.25	151.71	0.9	42.91
4.757	19.86	57.23	0.65	5.23	131.89	0.95	42.9
4.78	19.87	57.2	0.88	5.2	123.63	0.92	42.87
4.81	19.87	57.18	0.65	5.19	128.1	0.96	42.84

4.823	19.86	57.22	0.53	5.13	138.28	0.89	42.9
4.841	19.86	57.27	0.5	5.12	133.65	0.95	42.95
4.883	19.87	57.19	0.65	5.12	121.59	0.96	42.87
4.925	19.87	57.21	0.76	5.14	130.4	0.94	42.87
4.955	19.87	57.27	0.72	5.18	127.18	0.92	42.94
4.958	19.87	57.24	0.53	5.38	130.53	0.89	42.9
4.967	19.88	57.3	0.69	5.51	132.05	0.97	42.95
4.995	19.88	57.24	0.88	5.64	134.99	1.1	42.89
5.031	19.89	57.26	0.92	5.76	124.64	0.93	42.9
5.06	19.89	57.29	1.18	5.87	131.28	0.98	42.93
5.073	19.89	57.26	0.92	5.96	133.49	0.99	42.89
5.074	19.89	57.27	1.18	5.99	140.61	0.95	42.9
5.08	19.9	57.33	0.8	5.98	140.64	0.95	42.95
5.104	19.9	57.31	0.8	5.93	132.75	0.95	42.93
5.135	19.91	57.26	0.69	5.86	143.47	1.01	42.88
5.151	19.91	57.31	0.72	5.77	123.55	0.9	42.92
5.152	19.91	57.33	0.72	5.6	148.55	0.89	42.94
5.161	19.92	57.37	0.57	5.52	147.35	0.95	42.96
5.188	19.92	57.37	0.8	5.48	123.61	0.91	42.97
5.222	19.92	57.38	0.8	5.48	126.36	0.97	42.97
5.251	19.92	57.36	0.84	5.49	130.65	0.98	42.95
5.264	19.92	57.36	1.22	5.51	123.78	0.98	42.95
5.276	19.92	57.4	1.34	5.52	146.87	0.97	42.99
5.298	19.92	57.41	0.69	5.54	126.18	0.94	42.99
5.328	19.92	57.41	0.8	5.57	130.28	0.96	42.99
5.355	19.92	57.41	0.69	5.61	137.29	0.92	42.99
5.378	19.92	57.41	0.65	5.65	131.44	0.87	42.99
5.389	19.92	57.41	0.46	5.7	119.83	0.93	42.99
5.395	19.93	57.42	0.61	5.74	125.13	0.95	43.0
5.401	19.93	57.42	0.65	5.8	146.02	0.85	43.0
5.405	19.93	57.42	0.5	5.85	117.52	0.95	43.0



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	17.85	46.38	1.76	5.26	107.66	0.52	35.44
PROF (metros)	0.722	1.185	4.942	5.086	5.127	0.722	1.185
MÁXIMO	18.68	18.68	2.67	6.47	441.02	0.71	36.32
PROF (metros)	5.127	5.086	2.882	4.077	1.682	3.71	5.086

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	17.9	46.99	1.98	5.5	189.78	0.56	36.03
1 - 2m	17.97	46.64	2.05	5.65	319.17	0.6	35.66
2 - 3m	18.02	46.93	2.2	5.93	329.86	0.62	35.87
3 - 4m	18.13	47.12	2.26	6.04	219.25	0.64	35.93
4 - 5m	18.37	47.56	2.01	5.93	128.73	0.62	36.09
5 - 6m	18.61	47.87	1.92	5.29	110.39	0.6	36.15

OBSERVACIONES GENERALES

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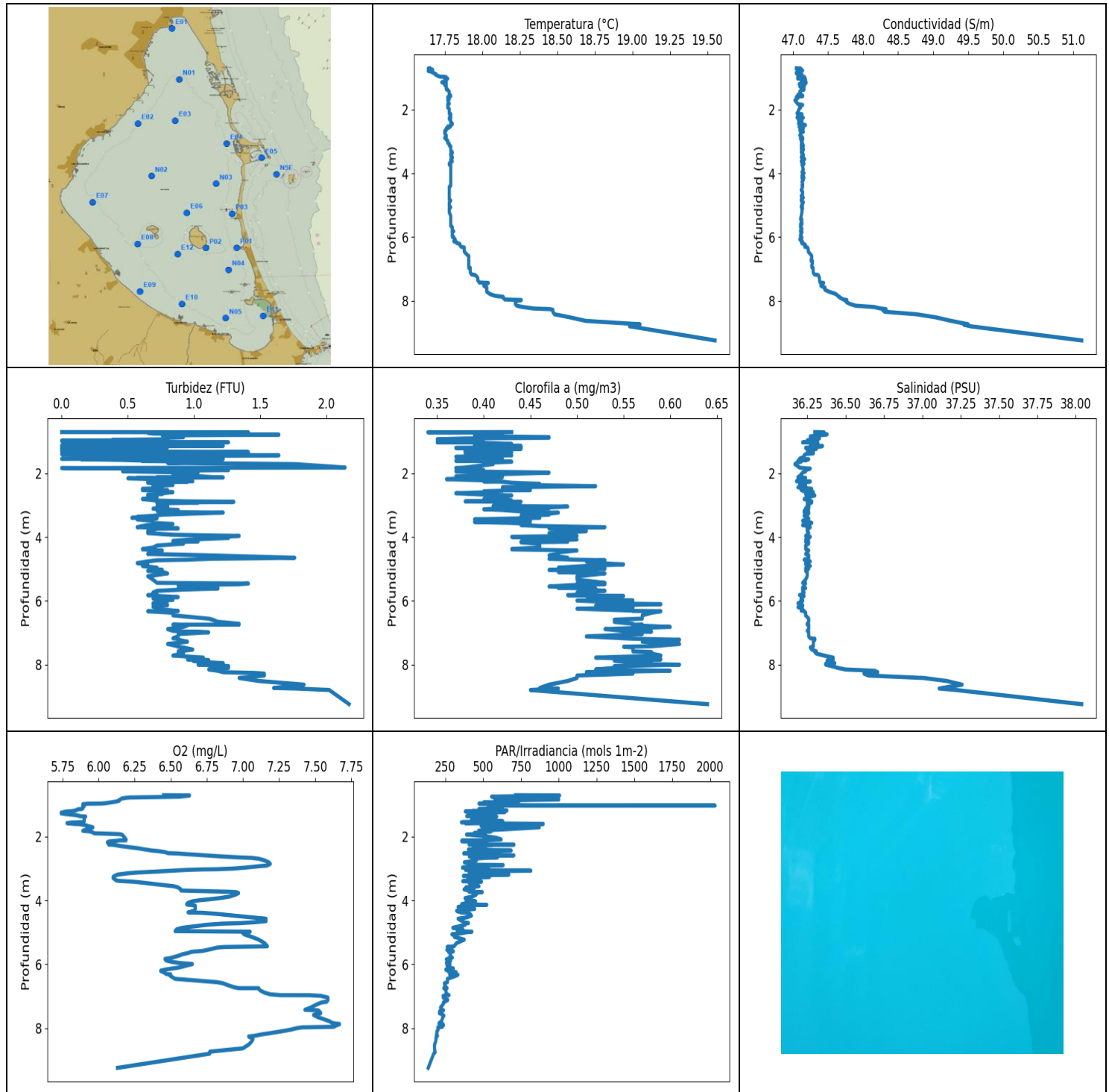
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.722	17.85	47.05	1.98	5.44	182.16	0.52	36.11
0.767	17.86	47.04	1.91	5.43	178.39	0.54	36.1
0.796	17.87	47.03	1.95	5.43	178.27	0.53	36.08
0.808	17.88	47.06	1.83	5.42	185.69	0.58	36.1
0.82	17.89	47.06	1.87	5.43	171.62	0.59	36.1
0.841	17.89	47.04	1.87	5.43	172.58	0.58	36.07
0.86	17.9	46.98	1.83	5.44	164.3	0.56	36.01
0.867	17.9	47.01	1.95	5.48	164.57	0.55	36.04
0.87	17.91	47.0	1.98	5.5	167.92	0.52	36.02
0.883	17.91	46.94	2.14	5.52	165.64	0.53	35.97
0.896	17.91	46.91	2.33	5.57	176.18	0.58	35.95
0.915	17.91	46.96	1.91	5.59	198.24	0.55	35.98
0.939	17.92	46.94	2.06	5.6	225.76	0.62	35.97
0.965	17.92	46.91	2.06	5.61	255.63	0.56	35.94
0.988	17.93	46.94	2.1	5.6	259.75	0.54	35.96
1.001	17.94	46.85	2.1	5.46	174.15	0.62	35.87
1.009	17.94	46.79	2.02	5.44	199.3	0.61	35.82
1.035	17.95	46.7	2.06	5.44	234.35	0.59	35.73
1.068	17.95	46.44	2.02	5.45	209.96	0.6	35.51
1.087	17.96	46.41	1.87	5.48	263.14	0.57	35.47
1.108	17.96	46.46	1.98	5.48	234.02	0.61	35.51
1.148	17.97	46.43	2.02	5.47	255.86	0.58	35.49
1.185	17.97	46.38	1.79	5.47	236.04	0.53	35.44
1.206	17.97	46.45	2.02	5.47	229.99	0.58	35.5
1.207	17.97	46.5	1.95	5.49	225.4	0.54	35.54
1.217	17.97	46.5	2.06	5.5	219.93	0.65	35.54
1.233	17.97	46.44	2.21	5.5	232.4	0.59	35.49
1.252	17.97	46.53	2.02	5.51	277.29	0.62	35.56
1.278	17.97	46.57	2.14	5.52	280.85	0.64	35.6
1.302	17.97	46.47	2.02	5.53	303.74	0.6	35.51
1.32	17.97	46.5	1.95	5.56	254.03	0.6	35.54
1.334	17.95	46.61	1.98	5.59	273.4	0.59	35.65
1.354	17.94	46.6	1.98	5.61	287.37	0.63	35.65
1.364	17.92	46.59	2.14	5.7	289.98	0.62	35.66
1.392	17.93	46.63	2.1	5.69	389.86	0.61	35.68
1.435	17.94	46.58	2.1	5.67	320.14	0.6	35.63

1.464	17.94	46.55	2.06	5.67	313.61	0.61	35.6
1.465	17.95	46.67	2.1	5.74	333.7	0.6	35.71
1.47	17.95	46.64	1.91	5.82	312.08	0.61	35.68
1.49	17.96	46.58	2.06	5.9	347.76	0.64	35.62
1.511	17.97	46.72	2.21	6.01	398.07	0.56	35.73
1.512	17.97	46.71	2.06	5.96	359.06	0.61	35.71
1.554	17.97	46.74	2.1	5.91	363.92	0.57	35.74
1.615	17.98	46.7	2.02	5.87	370.82	0.59	35.7
1.667	17.98	46.66	2.1	5.83	364.18	0.6	35.66
1.682	17.99	46.7	1.98	5.74	441.02	0.59	35.69
1.693	17.99	46.74	2.02	5.72	415.13	0.63	35.73
1.702	17.99	46.72	2.17	5.72	406.09	0.64	35.71
1.707	17.99	46.73	2.02	5.71	393.31	0.55	35.72
1.72	17.98	46.8	2.02	5.69	386.53	0.59	35.79
1.743	17.98	46.77	2.25	5.68	419.68	0.61	35.76
1.778	17.98	46.76	2.06	5.67	419.48	0.55	35.75
1.821	17.99	46.82	2.02	5.67	424.86	0.6	35.8
1.862	17.99	46.82	1.95	5.69	340.58	0.65	35.79
1.877	18.01	46.8	1.98	5.74	356.74	0.61	35.76
1.891	18.01	46.85	2.06	5.75	376.97	0.62	35.8
1.931	18.02	46.9	2.1	5.76	404.4	0.63	35.85
1.982	18.02	46.81	2.17	5.77	385.01	0.6	35.76
2.024	18.02	46.8	2.4	5.78	382.16	0.6	35.75
2.049	18.02	46.89	2.25	5.79	377.85	0.62	35.83
2.061	18.02	46.89	2.21	5.8	345.75	0.63	35.83
2.07	18.02	46.81	2.21	5.8	352.55	0.64	35.77
2.08	18.02	46.84	2.21	5.81	411.87	0.65	35.79
2.103	18.02	46.97	2.21	5.81	352.47	0.63	35.9
2.14	18.02	46.92	2.02	5.83	371.77	0.66	35.86
2.188	18.02	46.82	2.21	5.86	356.33	0.66	35.77
2.246	18.02	46.91	1.98	5.9	335.57	0.63	35.85
2.295	18.01	46.87	1.91	6.3	332.86	0.66	35.82
2.296	18.01	46.9	2.02	6.32	345.51	0.63	35.84
2.308	18.01	46.94	2.14	6.32	332.24	0.58	35.88
2.334	18.01	46.91	2.06	6.27	349.94	0.63	35.85
2.389	18.01	46.95	1.91	6.2	339.48	0.63	35.89
2.46	18.02	46.91	1.98	6.11	317.78	0.63	35.85
2.479	18.02	47.04	2.17	5.71	363.75	0.63	35.96
2.486	18.02	46.96	2.06	5.66	329.1	0.6	35.88
2.534	18.03	46.92	2.14	5.63	311.94	0.58	35.85
2.606	18.03	46.94	2.1	5.62	324.85	0.57	35.87
2.681	18.03	47.0	2.17	5.62	300.1	0.6	35.91
2.698	18.0	47.0	2.29	5.73	312.88	0.56	35.94
2.726	18.0	46.98	2.4	5.8	323.27	0.56	35.93
2.772	18.0	46.93	2.33	5.88	305.08	0.62	35.88
2.818	18.01	47.0	2.36	5.95	295.88	0.62	35.94
2.856	18.01	47.02	2.21	6.0	302.68	0.61	35.95
2.882	18.02	46.94	2.67	6.05	294.86	0.61	35.87
2.9	18.03	46.97	2.48	6.08	293.22	0.66	35.89
2.923	18.02	47.07	2.29	6.07	266.45	0.68	35.98
2.961	18.03	46.98	2.25	6.08	278.39	0.66	35.9
2.995	18.05	46.95	2.21	6.04	289.1	0.66	35.86
3.027	18.04	47.06	2.4	6.02	276.39	0.66	35.96
3.05	18.02	47.01	2.29	6.03	266.95	0.62	35.93
3.066	18.03	47.0	2.06	6.06	269.37	0.68	35.91
3.091	18.04	47.08	2.1	6.1	291.59	0.69	35.98
3.121	18.04	47.01	2.29	6.16	264.55	0.61	35.92
3.148	18.05	46.99	2.67	6.22	242.64	0.64	35.89

3.181	18.05	47.12	2.4	6.26	257.11	0.59	36.0
3.215	18.05	47.05	2.25	6.29	269.56	0.58	35.94
3.244	18.09	47.02	2.1	6.31	247.12	0.57	35.88
3.261	18.08	47.09	2.33	6.32	246.38	0.62	35.95
3.276	18.06	47.1	2.4	6.32	235.43	0.66	35.97
3.295	18.07	47.03	2.21	6.3	235.49	0.63	35.91
3.315	18.08	47.07	2.44	6.28	235.05	0.63	35.93
3.331	18.07	47.11	2.21	6.24	224.41	0.64	35.98
3.346	18.06	47.09	2.4	6.2	226.13	0.59	35.96
3.358	18.06	47.05	2.63	6.15	242.58	0.63	35.93
3.368	18.06	47.08	2.33	6.08	236.36	0.61	35.95
3.392	18.07	47.13	2.56	6.02	221.46	0.64	35.99
3.431	18.08	47.08	2.33	5.96	214.99	0.61	35.94
3.478	18.09	47.07	2.21	5.91	219.16	0.61	35.93
3.488	18.09	47.09	2.4	5.69	217.39	0.61	35.95
3.51	18.09	47.21	2.33	5.64	214.94	0.65	36.04
3.562	18.14	47.09	2.25	5.59	213.65	0.63	35.89
3.621	18.2	47.07	2.4	5.56	198.97	0.61	35.82
3.667	18.2	47.15	2.25	5.55	193.83	0.65	35.9
3.692	18.18	47.15	1.87	5.58	199.43	0.69	35.92
3.702	18.18	47.12	2.1	5.65	199.85	0.7	35.89
3.71	18.19	47.2	2.17	5.74	188.34	0.71	35.95
3.737	18.23	47.28	2.14	5.85	182.54	0.67	35.98
3.777	18.28	47.1	2.17	5.95	183.81	0.67	35.78
3.811	18.31	47.15	2.06	6.05	182.32	0.67	35.8
3.83	18.24	47.17	2.06	6.22	167.92	0.67	35.87
3.836	18.24	47.36	2.25	6.25	163.32	0.69	36.04
3.874	18.26	47.34	2.1	6.27	157.99	0.66	36.0
3.926	18.32	47.13	2.1	6.29	153.98	0.69	35.77
3.967	18.3	47.33	2.17	6.3	152.06	0.69	35.95
4.003	18.25	47.45	2.44	6.32	151.64	0.65	36.11
4.027	18.27	47.27	2.36	6.36	152.95	0.69	35.94
4.04	18.3	47.35	2.06	6.4	152.98	0.63	35.98
4.055	18.26	47.46	1.95	6.44	147.89	0.65	36.1
4.066	18.27	47.34	2.06	6.46	145.31	0.63	36.0
4.077	18.28	47.35	2.1	6.47	144.27	0.66	35.99
4.096	18.28	47.51	2.21	6.45	143.01	0.7	36.13
4.116	18.27	47.36	2.1	6.42	143.57	0.67	36.01
4.137	18.29	47.38	2.25	6.36	143.57	0.63	36.01
4.158	18.27	47.52	2.17	6.29	142.08	0.62	36.14
4.188	18.26	47.53	2.25	6.21	136.97	0.58	36.16
4.237	18.28	47.39	1.87	6.15	132.78	0.62	36.03
4.291	18.3	47.43	1.95	6.11	129.29	0.58	36.05
4.344	18.31	47.56	1.91	6.07	125.54	0.58	36.14
4.381	18.33	47.5	1.83	5.8	130.1	0.63	36.09
4.389	18.34	47.61	2.02	5.76	129.47	0.64	36.16
4.429	18.36	47.57	1.91	5.73	126.92	0.65	36.11
4.478	18.37	47.44	1.98	5.71	123.09	0.66	35.99
4.521	18.38	47.53	2.1	5.7	119.83	0.65	36.06
4.558	18.36	47.65	1.95	5.7	119.05	0.63	36.18
4.59	18.36	47.52	2.1	5.69	120.97	0.65	36.07
4.609	18.35	47.72	1.98	5.7	126.33	0.61	36.24
4.618	18.36	47.56	1.91	5.71	124.07	0.6	36.1
4.651	18.4	47.68	2.1	5.71	121.96	0.6	36.17
4.698	18.43	47.59	1.91	5.72	119.58	0.56	36.07
4.742	18.44	47.54	2.1	5.77	117.0	0.54	36.01
4.774	18.45	47.61	1.98	5.82	117.57	0.58	36.07
4.794	18.44	47.65	1.91	5.86	119.74	0.6	36.11

4.799	18.43	47.73	2.06	5.89	123.06	0.69	36.18
4.803	18.44	47.7	2.02	5.84	124.15	0.67	36.15
4.822	18.45	47.76	1.95	5.78	122.75	0.63	36.2
4.857	18.48	47.72	2.02	5.72	119.83	0.6	36.14
4.902	18.49	47.68	1.83	5.67	116.08	0.63	36.09
4.942	18.5	47.63	1.76	5.62	114.35	0.56	36.04
4.964	18.5	47.62	1.76	5.56	115.49	0.58	36.02
4.972	18.51	47.63	1.87	5.51	116.54	0.61	36.04
4.979	18.51	47.8	1.87	5.46	116.65	0.61	36.18
4.997	18.53	47.86	1.79	5.41	115.28	0.59	36.22
5.02	18.55	47.71	1.95	5.37	113.82	0.6	36.06
5.036	18.57	47.8	1.87	5.28	112.06	0.57	36.12
5.051	18.58	47.92	1.98	5.27	111.03	0.62	36.21
5.086	18.61	48.08	2.06	5.26	109.29	0.6	36.32
5.117	18.65	47.78	1.87	5.27	108.46	0.59	36.03
5.127	18.68	47.91	1.79	5.26	107.66	0.61	36.12



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	17.64	47.03	0.0	5.74	138.12	0.34	36.17
PROF (metros)	0.718	1.715	0.711	1.258	9.237	0.718	1.715
MÁXIMO	19.55	19.55	2.17	7.67	2032.3	0.64	38.04
PROF (metros)	9.237	9.237	9.237	7.864	1.035	9.237	9.237

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	17.67	47.1	0.89	6.24	700.88	0.4	36.32
1 - 2m	17.77	47.12	0.81	5.9	590.57	0.4	36.25
2 - 3m	17.78	47.11	0.8	6.55	480.69	0.41	36.24
3 - 4m	17.79	47.14	0.77	6.48	458.05	0.45	36.25
4 - 5m	17.79	47.14	0.84	6.78	383.51	0.48	36.25
5 - 6m	17.79	47.12	0.85	6.73	289.52	0.51	36.23
6 - 7m	17.87	47.21	0.88	6.78	270.48	0.55	36.23
7 - 8m	18.05	47.5	0.96	7.55	228.72	0.57	36.33
8 - 9m	18.53	48.6	1.47	7.04	188.78	0.51	36.83
9 - 10m	19.55	51.12	2.17	6.13	138.12	0.64	38.04

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

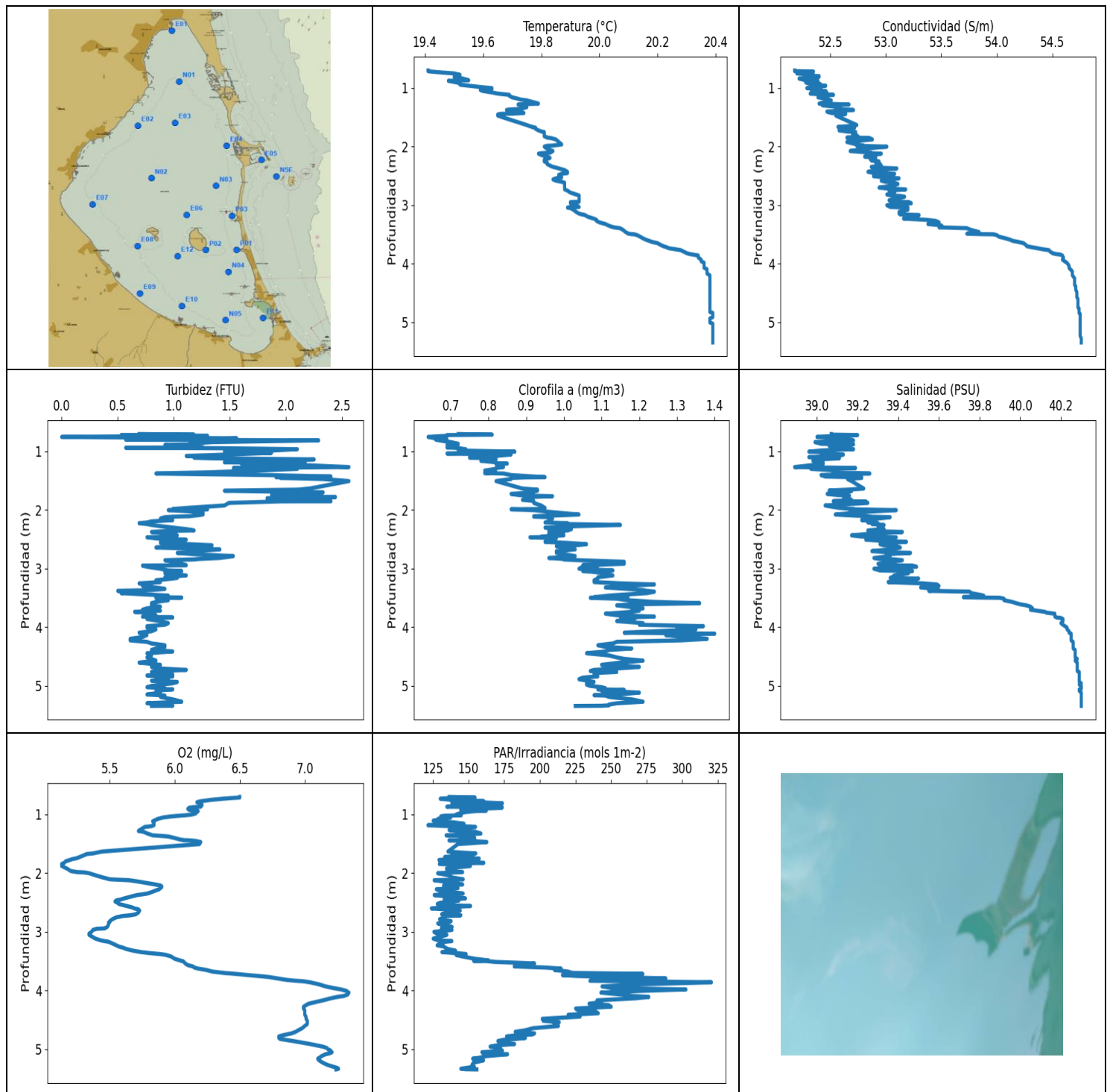
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	17.65	47.05	0.0	6.45	715.2	0.43	36.3
0.718	17.64	47.11	1.41	6.63	1005.8	0.34	36.36
0.733	17.65	47.12	0.65	6.61	814.33	0.41	36.36
0.758	17.67	47.1	0.69	6.56	556.18	0.39	36.32
0.782	17.64	47.14	1.14	6.22	676.82	0.41	36.38
0.793	17.64	47.13	1.64	6.19	797.52	0.42	36.37
0.815	17.66	47.08	0.76	6.16	576.39	0.39	36.32
0.845	17.67	47.05	0.92	6.15	1000.2	0.4	36.27
0.87	17.68	47.05	0.92	6.14	649.61	0.47	36.27
0.889	17.69	47.08	0.8	6.14	739.13	0.47	36.29
0.911	17.69	47.13	0.8	6.12	731.97	0.38	36.33
0.938	17.7	47.12	0.76	6.08	503.3	0.35	36.32
0.96	17.71	47.08	0.38	6.05	587.04	0.38	36.28
0.972	17.72	47.07	0.72	6.02	473.1	0.38	36.25
0.978	17.75	47.16	0.0	5.92	563.58	0.37	36.31
0.992	17.76	47.17	0.0	5.89	591.96	0.37	36.3
1.016	17.76	47.14	0.57	5.89	604.86	0.38	36.28
1.034	17.77	47.07	1.26	5.89	785.04	0.35	36.22
1.035	17.76	47.1	0.88	5.9	2032.3	0.37	36.24
1.037	17.75	47.16	0.53	5.9	535.43	0.4	36.3
1.053	17.75	47.18	0.53	5.9	629.6	0.4	36.32
1.084	17.75	47.18	0.46	5.89	625.53	0.43	36.32
1.125	17.76	47.17	0.0	5.89	536.8	0.39	36.3
1.144	17.76	47.12	1.22	5.88	473.1	0.44	36.27
1.145	17.74	47.17	0.65	5.87	519.06	0.4	36.32
1.148	17.73	47.19	0.3	5.86	546.21	0.4	36.35
1.165	17.74	47.19	0.0	5.85	604.58	0.4	36.34
1.188	17.75	47.13	0.8	5.84	658.1	0.44	36.28
1.204	17.75	47.09	0.0	5.82	428.52	0.37	36.24
1.21	17.76	47.11	0.0	5.81	494.29	0.37	36.25
1.218	17.75	47.15	0.0	5.78	382.25	0.41	36.29
1.236	17.75	47.17	0.0	5.76	644.81	0.44	36.31

1.258	17.76	47.14	0.0	5.74	543.18	0.38	36.28
1.279	17.76	47.1	0.0	5.74	491.89	0.41	36.25
1.295	17.76	47.12	0.15	5.76	538.8	0.38	36.26
1.304	17.76	47.12	0.0	5.78	506.11	0.4	36.26
1.315	17.76	47.16	0.42	5.81	400.39	0.38	36.29
1.338	17.76	47.15	1.41	5.85	449.9	0.43	36.29
1.366	17.76	47.13	0.61	5.87	392.3	0.38	36.26
1.38	17.77	47.16	0.42	5.91	590.31	0.4	36.29
1.4	17.77	47.12	0.0	5.9	546.09	0.42	36.24
1.439	17.78	47.1	1.64	5.9	472.99	0.43	36.23
1.485	17.78	47.11	0.3	5.9	423.19	0.37	36.23
1.526	17.78	47.09	0.88	5.9	630.48	0.4	36.21
1.55	17.78	47.07	0.0	5.89	371.16	0.4	36.2
1.557	17.78	47.11	1.22	5.87	357.24	0.42	36.23
1.561	17.78	47.14	0.46	5.84	424.08	0.39	36.26
1.565	17.79	47.11	0.15	5.81	477.4	0.4	36.22
1.584	17.79	47.14	0.46	5.78	382.69	0.4	36.25
1.609	17.77	47.05	0.65	5.83	897.79	0.37	36.19
1.616	17.77	47.06	0.61	5.87	722.2	0.39	36.2
1.641	17.77	47.07	1.14	5.9	761.74	0.43	36.21
1.678	17.78	47.05	0.8	5.93	487.46	0.4	36.18
1.715	17.77	47.03	1.76	5.96	871.55	0.41	36.17
1.823	17.78	47.07	2.14	5.89	470.7	0.38	36.2
1.838	17.77	47.08	0.0	5.93	554.38	0.37	36.22
1.856	17.77	47.14	0.69	5.95	489.73	0.39	36.27
1.902	17.77	47.11	1.26	5.97	438.88	0.4	36.24
1.927	17.77	47.1	0.72	6.14	516.9	0.4	36.24
1.941	17.77	47.11	0.46	6.16	391.12	0.37	36.24
1.982	17.78	47.09	1.03	6.17	491.66	0.47	36.22
2.039	17.78	47.08	0.84	6.18	585.14	0.41	36.21
2.094	17.78	47.07	1.03	6.19	619.9	0.37	36.2
2.122	17.78	47.06	1.14	6.19	490.75	0.38	36.19
2.124	17.78	47.09	0.72	6.14	361.9	0.42	36.22
2.135	17.78	47.09	1.22	6.13	471.13	0.38	36.21
2.144	17.79	47.11	0.57	6.1	358.9	0.4	36.23
2.147	17.79	47.13	0.8	6.09	393.31	0.38	36.24
2.159	17.79	47.07	0.5	6.07	394.03	0.38	36.19
2.187	17.79	47.11	0.69	6.06	503.42	0.36	36.22
2.225	17.79	47.11	0.95	6.07	525.11	0.4	36.23
2.252	17.79	47.06	0.99	6.07	407.69	0.41	36.18
2.257	17.79	47.12	0.65	6.07	704.18	0.4	36.23
2.258	17.78	47.15	0.72	6.09	427.23	0.4	36.27
2.266	17.78	47.14	0.95	6.11	557.34	0.42	36.25
2.299	17.78	47.12	0.65	6.15	485.77	0.43	36.24
2.335	17.79	47.08	0.72	6.21	462.69	0.46	36.2
2.368	17.79	47.13	0.84	6.27	513.44	0.44	36.24
2.406	17.79	47.13	0.69	6.32	403.55	0.52	36.24
2.441	17.8	47.08	0.69	6.37	685.82	0.42	36.19
2.463	17.8	47.12	0.76	6.42	442.35	0.44	36.23
2.49	17.79	47.18	0.61	6.46	434.62	0.42	36.28
2.522	17.79	47.1	0.72	6.48	505.76	0.43	36.21
2.53	17.78	47.14	0.61	6.53	372.37	0.45	36.26
2.534	17.77	47.13	0.8	6.55	382.07	0.42	36.26
2.549	17.77	47.09	0.76	6.59	441.12	0.42	36.22
2.565	17.78	47.1	0.72	6.65	534.44	0.4	36.23
2.592	17.76	47.15	0.84	6.74	703.53	0.41	36.29
2.628	17.76	47.11	0.76	6.86	409.49	0.37	36.26
2.655	17.76	47.1	0.76	6.97	595.26	0.39	36.24

2.67	17.75	47.14	0.65	7.06	516.54	0.4	36.28
2.697	17.75	47.15	0.65	7.11	428.42	0.43	36.3
2.751	17.75	47.11	0.72	7.15	456.83	0.42	36.25
2.81	17.76	47.1	0.61	7.18	376.8	0.4	36.23
2.858	17.76	47.13	0.72	7.19	411.77	0.43	36.27
2.884	17.75	47.14	0.95	7.18	434.22	0.38	36.28
2.896	17.75	47.11	1.3	7.17	633.26	0.44	36.26
2.903	17.76	47.13	1.18	7.17	548.37	0.43	36.27
2.914	17.76	47.14	0.72	7.16	463.01	0.43	36.28
2.923	17.76	47.11	1.03	7.13	475.41	0.43	36.25
2.945	17.76	47.14	0.72	7.08	427.63	0.43	36.27
2.977	17.77	47.13	0.76	7.01	363.67	0.43	36.26
3.006	17.77	47.12	0.76	6.93	483.75	0.42	36.25
3.025	17.77	47.13	0.72	6.82	539.55	0.41	36.26
3.031	17.77	47.13	0.8	6.72	481.73	0.44	36.25
3.046	17.77	47.13	0.8	6.61	384.29	0.49	36.26
3.071	17.78	47.14	0.72	6.51	815.65	0.47	36.26
3.096	17.78	47.12	0.8	6.41	405.9	0.47	36.24
3.113	17.78	47.13	0.69	6.33	533.33	0.41	36.25
3.13	17.78	47.15	0.76	6.26	449.69	0.4	36.26
3.153	17.79	47.14	0.88	6.2	578.66	0.42	36.25
3.176	17.79	47.12	0.72	6.16	419.97	0.43	36.23
3.194	17.79	47.13	0.84	6.13	670.42	0.44	36.24
3.216	17.79	47.15	0.8	6.12	480.28	0.44	36.26
3.235	17.79	47.12	1.22	6.11	370.13	0.48	36.23
3.264	17.79	47.15	0.99	6.1	543.44	0.47	36.26
3.3	17.79	47.14	0.76	6.1	398.81	0.47	36.24
3.336	17.8	47.12	0.69	6.11	441.73	0.44	36.23
3.37	17.8	47.14	0.57	6.12	427.63	0.45	36.25
3.39	17.79	47.13	0.61	6.14	446.05	0.46	36.24
3.399	17.79	47.13	0.53	6.18	366.21	0.46	36.24
3.414	17.79	47.15	0.72	6.24	489.95	0.44	36.26
3.448	17.79	47.15	0.57	6.31	407.22	0.39	36.26
3.491	17.8	47.12	0.69	6.39	419.97	0.45	36.22
3.526	17.8	47.14	0.69	6.46	458.95	0.39	36.25
3.556	17.79	47.17	0.69	6.52	473.21	0.43	36.28
3.592	17.79	47.13	0.84	6.55	386.53	0.45	36.24
3.627	17.8	47.12	0.65	6.56	441.63	0.44	36.22
3.655	17.79	47.15	0.61	6.57	374.88	0.46	36.26
3.691	17.78	47.16	0.57	6.57	405.9	0.53	36.27
3.73	17.78	47.13	0.88	6.9	408.07	0.47	36.25
3.74	17.79	47.15	0.72	6.95	494.97	0.48	36.26
3.77	17.79	47.14	0.69	6.97	432.31	0.48	36.25
3.817	17.79	47.14	0.65	6.95	455.35	0.51	36.25
3.877	17.79	47.15	0.65	6.91	431.31	0.47	36.26
3.929	17.79	47.14	0.84	6.84	381.37	0.48	36.25
3.964	17.79	47.13	1.34	6.77	385.99	0.5	36.24
3.994	17.79	47.16	1.18	6.7	404.96	0.43	36.27
4.029	17.79	47.15	1.26	6.65	450.94	0.49	36.26
4.075	17.79	47.13	0.99	6.62	394.22	0.5	36.24
4.12	17.79	47.15	0.84	6.61	359.81	0.46	36.25
4.138	17.79	47.15	0.84	6.62	524.87	0.44	36.25
4.139	17.79	47.16	1.03	6.64	431.41	0.48	36.26
4.148	17.79	47.13	0.95	6.65	358.07	0.49	36.24
4.168	17.79	47.14	0.84	6.67	374.53	0.44	36.25
4.206	17.79	47.15	0.92	6.67	335.26	0.46	36.26
4.266	17.79	47.13	0.72	6.67	444.71	0.46	36.24
4.328	17.79	47.14	0.69	6.66	325.38	0.46	36.24

4.376	17.79	47.13	0.61	6.62	353.45	0.43	36.24
4.386	17.79	47.14	0.61	6.71	386.71	0.43	36.25
4.421	17.78	47.14	0.76	6.82	414.07	0.5	36.26
4.478	17.78	47.13	0.72	6.94	423.88	0.48	36.25
4.53	17.78	47.12	0.65	7.06	391.94	0.48	36.24
4.574	17.78	47.14	1.11	7.16	335.1	0.47	36.26
4.649	17.78	47.14	1.76	7.16	362.58	0.49	36.26
4.683	17.78	47.13	1.11	7.08	375.49	0.47	36.25
4.711	17.78	47.12	0.95	6.98	404.12	0.5	36.23
4.727	17.78	47.13	0.72	6.86	374.1	0.53	36.25
4.763	17.78	47.15	0.65	6.75	381.9	0.51	36.27
4.817	17.78	47.12	0.57	6.65	337.2	0.52	36.24
4.857	17.79	47.12	0.65	6.58	300.51	0.55	36.24
4.906	17.78	47.15	0.61	6.54	367.4	0.51	36.27
4.961	17.78	47.13	0.72	6.53	329.02	0.48	36.25
4.979	17.78	47.13	0.69	7.05	426.84	0.52	36.24
4.996	17.78	47.14	0.69	7.02	391.3	0.53	36.26
5.03	17.78	47.12	0.76	7.0	353.2	0.47	36.24
5.061	17.79	47.12	0.65	7.01	294.11	0.51	36.24
5.095	17.78	47.14	0.76	7.03	319.85	0.48	36.25
5.14	17.78	47.13	0.8	7.06	310.35	0.53	36.25
5.228	17.78	47.13	0.65	7.11	375.75	0.5	36.25
5.336	17.79	47.12	0.69	7.15	325.15	0.5	36.24
5.436	17.79	47.11	0.72	7.17	307.92	0.53	36.22
5.457	17.79	47.13	1.41	6.87	263.14	0.5	36.24
5.477	17.79	47.12	1.34	6.82	293.83	0.53	36.23
5.512	17.79	47.12	0.88	6.79	275.88	0.49	36.23
5.55	17.79	47.13	1.07	6.75	261.32	0.47	36.23
5.58	17.79	47.12	0.95	6.72	298.99	0.51	36.22
5.593	17.79	47.11	0.88	6.69	304.44	0.48	36.22
5.6	17.79	47.13	1.18	6.66	285.44	0.5	36.24
5.613	17.79	47.12	1.18	6.64	272.58	0.52	36.23
5.646	17.79	47.11	0.92	6.62	287.77	0.51	36.22
5.685	17.8	47.11	0.72	6.58	285.11	0.53	36.22
5.737	17.8	47.13	0.69	6.55	281.5	0.5	36.23
5.789	17.8	47.11	0.72	6.51	297.4	0.52	36.22
5.818	17.81	47.11	0.65	6.48	273.08	0.49	36.2
5.829	17.8	47.13	0.69	6.46	264.98	0.5	36.22
5.845	17.8	47.13	0.72	6.46	257.41	0.55	36.23
5.882	17.8	47.12	0.88	6.47	285.97	0.53	36.22
5.925	17.8	47.11	0.69	6.51	280.91	0.54	36.21
5.957	17.8	47.11	0.76	6.56	257.83	0.53	36.21
5.971	17.8	47.12	0.84	6.6	265.53	0.51	36.22
5.982	17.8	47.12	0.76	6.63	268.0	0.56	36.22
5.987	17.8	47.11	0.76	6.64	274.22	0.5	36.21
5.992	17.81	47.11	0.8	6.65	274.41	0.5	36.21
6.004	17.81	47.13	0.8	6.64	281.83	0.51	36.22
6.036	17.81	47.12	0.72	6.61	261.62	0.54	36.21
6.073	17.82	47.1	0.69	6.58	266.52	0.53	36.19
6.104	17.82	47.13	0.69	6.55	280.78	0.59	36.21
6.13	17.81	47.13	0.8	6.51	304.72	0.55	36.22
6.147	17.82	47.12	0.72	6.48	281.11	0.52	36.2
6.165	17.83	47.14	0.76	6.46	254.15	0.53	36.22
6.185	17.83	47.13	0.69	6.44	261.68	0.56	36.2
6.197	17.84	47.13	0.72	6.43	265.28	0.53	36.19
6.21	17.85	47.16	0.76	6.43	268.56	0.56	36.21
6.245	17.85	47.18	0.72	6.45	322.6	0.5	36.22
6.304	17.86	47.17	0.84	6.47	304.09	0.56	36.21

6.315	17.87	47.2	0.88	6.5	279.16	0.56	36.23
6.325	17.88	47.21	0.65	6.49	334.25	0.59	36.23
6.372	17.88	47.22	0.84	6.5	312.16	0.58	36.24
6.453	17.88	47.22	0.84	6.53	264.36	0.57	36.24
6.557	17.9	47.26	1.11	6.82	265.65	0.57	36.26
6.59	17.91	47.27	1.14	6.86	244.56	0.54	36.26
6.658	17.91	47.27	1.18	6.9	248.5	0.54	36.26
6.717	17.91	47.26	1.34	6.94	256.93	0.56	36.25
6.744	17.91	47.26	1.34	6.97	262.71	0.56	36.25
6.745	17.91	47.28	0.84	7.11	240.56	0.57	36.26
6.766	17.91	47.28	0.95	7.11	248.79	0.56	36.26
6.816	17.91	47.28	0.92	7.12	254.21	0.6	36.26
6.885	17.91	47.27	0.8	7.15	256.69	0.53	36.26
6.938	17.91	47.27	0.84	7.19	257.11	0.55	36.25
6.963	17.91	47.28	0.92	7.26	275.82	0.58	36.26
6.965	17.92	47.29	1.03	7.46	253.68	0.56	36.26
6.985	17.92	47.29	1.11	7.54	235.98	0.56	36.26
7.039	17.92	47.29	0.88	7.59	237.57	0.57	36.26
7.113	17.92	47.29	0.88	7.59	267.57	0.51	36.26
7.172	17.93	47.31	0.84	7.58	246.66	0.55	36.27
7.185	17.95	47.36	0.88	7.55	238.84	0.56	36.3
7.218	17.96	47.37	0.88	7.53	239.17	0.61	36.3
7.279	17.97	47.38	0.95	7.5	231.59	0.57	36.29
7.351	17.97	47.38	0.8	7.47	218.96	0.61	36.29
7.422	17.98	47.39	0.88	7.43	230.68	0.58	36.29
7.436	18.04	47.44	0.88	7.52	239.29	0.55	36.28
7.461	18.03	47.41	0.92	7.53	214.39	0.56	36.27
7.526	18.01	47.4	0.99	7.54	211.53	0.56	36.28
7.582	18.03	47.46	0.88	7.49	236.15	0.56	36.31
7.604	18.03	47.45	0.88	7.5	241.46	0.58	36.3
7.652	18.03	47.46	0.92	7.52	234.56	0.58	36.31
7.713	18.03	47.52	0.84	7.56	230.36	0.59	36.36
7.779	18.05	47.61	1.07	7.6	226.29	0.52	36.42
7.833	18.08	47.64	0.95	7.62	210.31	0.59	36.42
7.855	18.11	47.65	1.11	7.65	208.8	0.56	36.4
7.864	18.13	47.66	1.11	7.67	216.79	0.58	36.39
7.872	18.14	47.66	0.99	7.67	236.04	0.54	36.38
7.904	18.14	47.68	1.03	7.65	238.73	0.55	36.4
7.953	18.15	47.72	1.22	7.63	230.04	0.56	36.43
7.97	18.26	47.77	1.18	7.41	201.34	0.56	36.37
7.998	18.23	47.75	1.03	7.37	202.23	0.61	36.37
8.044	18.22	47.77	1.26	7.33	203.59	0.54	36.41
8.099	18.22	47.82	1.26	7.26	195.05	0.54	36.45
8.15	18.23	47.9	1.11	7.19	195.27	0.52	36.5
8.19	18.27	48.16	1.18	7.13	192.66	0.6	36.69
8.235	18.34	48.25	1.22	7.08	199.62	0.51	36.71
8.257	18.45	48.33	1.45	7.04	190.36	0.56	36.68
8.278	18.47	48.28	1.53	7.05	190.14	0.56	36.62
8.339	18.47	48.31	1.53	7.07	189.26	0.5	36.65
8.416	18.48	48.76	1.34	7.06	187.42	0.5	37.01
8.51	18.58	49.03	1.49	7.04	179.31	0.49	37.16
8.625	18.69	49.26	1.83	7.0	179.85	0.47	37.26
8.73	19.05	49.5	1.6	6.77	181.94	0.46	37.13
8.745	19.01	49.44	1.76	6.77	184.24	0.48	37.11
8.792	18.98	49.53	2.02	6.77	174.19	0.45	37.22
9.237	19.55	51.12	2.17	6.13	138.12	0.64	38.04



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	19.41	52.18	0.0	5.13	121.36	0.64	38.89
PROF (metros)	0.706	0.706	0.756	1.847	1.188	0.756	1.27
MÁXIMO	20.39	20.39	2.56	7.34	320.51	1.4	40.3
PROF (metros)	4.839	5.271	1.27	4.037	3.861	4.11	4.956

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E04 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.5	52.32	1.22	6.22	152.09	0.71	39.1
1 - 2m	19.74	52.58	1.79	5.64	142.05	0.86	39.1
2 - 3m	19.86	52.99	1.01	5.63	135.58	1.0	39.32
3 - 4m	20.12	53.86	0.85	6.11	184.94	1.16	39.81
4 - 5m	20.38	54.71	0.83	7.03	213.59	1.15	40.27
5 - 6m	20.39	54.75	0.89	7.18	158.53	1.12	40.3

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

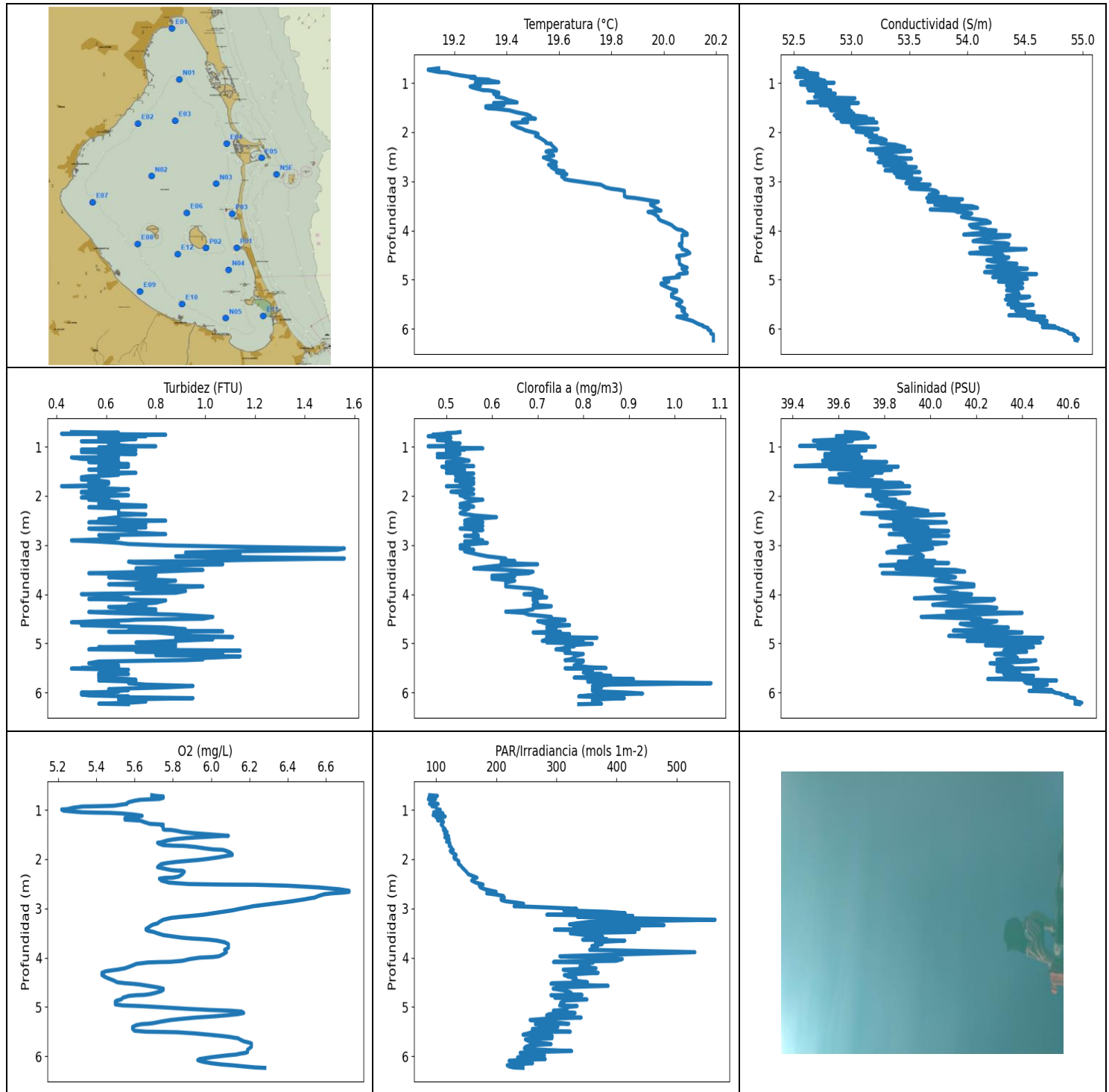
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	19.41	52.18	0.69	6.5	136.34	0.72	39.07
0.717	19.41	52.18	1.18	6.5	154.48	0.81	39.07
0.724	19.42	52.35	0.53	6.45	137.96	0.69	39.2
0.737	19.45	52.26	1.3	6.37	129.98	0.69	39.1
0.756	19.5	52.2	0.0	6.28	137.77	0.64	39.0
0.78	19.52	52.35	1.56	6.2	160.65	0.66	39.11
0.797	19.51	52.27	1.26	6.17	138.06	0.69	39.05
0.801	19.51	52.4	0.57	6.18	160.5	0.66	39.17
0.815	19.5	52.4	2.29	6.2	173.7	0.67	39.18
0.844	19.53	52.22	1.34	6.21	146.36	0.7	38.99
0.873	19.55	52.28	1.14	6.2	134.61	0.72	39.02
0.882	19.48	52.39	1.22	6.14	173.58	0.7	39.18
0.891	19.49	52.39	0.92	6.11	173.46	0.69	39.17
0.91	19.51	52.28	0.99	6.1	157.08	0.71	39.06
0.927	19.52	52.32	0.92	6.11	144.4	0.72	39.08
0.935	19.52	52.41	1.26	6.13	160.87	0.69	39.16
0.94	19.52	52.33	0.57	6.16	162.37	0.71	39.1
0.948	19.52	52.33	1.41	6.18	154.16	0.72	39.09
0.965	19.55	52.46	2.1	6.17	147.62	0.74	39.18
0.988	19.59	52.32	1.87	6.16	143.5	0.72	39.02
1.007	19.63	52.29	1.45	6.13	141.06	0.87	38.96
1.019	19.63	52.42	1.64	6.08	144.74	0.82	39.06
1.027	19.61	52.39	1.87	6.03	132.57	0.77	39.06
1.039	19.59	52.33	1.72	5.97	130.31	0.69	39.02
1.056	19.6	52.46	1.49	5.91	137.32	0.86	39.13
1.08	19.63	52.47	1.11	5.87	128.34	0.82	39.11
1.1	19.65	52.32	1.3	5.85	128.13	0.75	38.96
1.111	19.67	52.41	1.18	5.84	125.02	0.75	39.02
1.121	19.69	52.53	1.34	5.83	128.63	0.82	39.11
1.139	19.69	52.41	2.25	5.84	139.31	0.82	39.0
1.164	19.7	52.39	1.87	5.84	146.73	0.78	38.98
1.188	19.72	52.47	1.45	5.84	121.36	0.82	39.03
1.203	19.73	52.49	2.17	5.82	135.64	0.82	39.03
1.21	19.74	52.47	1.6	5.8	150.87	0.85	39.0
1.216	19.75	52.51	1.91	5.77	154.8	0.82	39.03
1.27	19.79	52.4	2.56	5.73	136.21	0.84	38.89

1.286	19.72	52.67	1.53	5.72	142.97	0.82	39.19
1.3	19.74	52.43	2.1	5.76	154.8	0.82	38.97
1.33	19.75	52.59	1.76	5.79	158.58	0.79	39.1
1.36	19.73	52.55	1.3	5.83	134.11	0.82	39.08
1.372	19.69	52.66	0.99	5.91	150.49	0.79	39.21
1.38	19.68	52.71	0.84	5.95	153.45	0.84	39.26
1.406	19.71	52.47	1.83	6.0	154.23	0.86	39.02
1.431	19.74	52.51	2.4	6.04	148.2	0.92	39.04
1.442	19.7	52.62	1.91	6.07	141.46	0.95	39.17
1.445	19.66	52.64	2.33	6.11	136.12	0.9	39.22
1.455	19.65	52.62	1.95	6.16	152.21	0.86	39.22
1.474	19.65	52.55	2.33	6.2	162.75	0.86	39.15
1.509	19.67	52.59	2.56	6.19	142.41	0.82	39.17
1.636	19.75	52.74	2.21	5.44	135.42	0.89	39.23
1.655	19.76	52.67	2.1	5.4	145.72	0.93	39.15
1.668	19.77	52.57	1.56	5.37	155.02	0.9	39.06
1.674	19.77	52.68	1.45	5.34	138.06	0.93	39.15
1.68	19.78	52.72	1.64	5.32	144.97	0.9	39.17
1.7	19.78	52.62	2.33	5.3	153.2	0.92	39.09
1.727	19.79	52.58	2.29	5.27	133.18	0.86	39.05
1.746	19.8	52.65	1.87	5.25	139.83	0.88	39.1
1.756	19.81	52.73	2.1	5.23	157.41	0.9	39.16
1.766	19.81	52.72	1.91	5.21	134.89	0.97	39.15
1.781	19.81	52.7	2.44	5.19	129.11	0.91	39.13
1.802	19.81	52.73	1.83	5.16	142.31	0.91	39.15
1.828	19.81	52.75	2.17	5.15	160.61	0.89	39.17
1.847	19.82	52.7	1.98	5.13	129.35	0.92	39.12
1.851	19.82	52.65	2.4	5.13	132.69	0.92	39.08
1.855	19.83	52.85	1.95	5.13	150.28	0.92	39.24
1.881	19.85	52.88	1.49	5.13	151.22	0.92	39.25
1.925	19.86	52.65	1.45	5.17	134.39	0.94	39.04
1.967	19.87	52.74	1.11	5.2	135.08	0.95	39.11
1.986	19.84	52.8	0.99	5.25	145.72	0.93	39.18
1.99	19.82	52.74	1.3	5.3	141.46	0.86	39.16
2.004	19.81	53.01	0.95	5.34	128.19	0.92	39.39
2.04	19.82	52.81	1.26	5.39	135.99	0.97	39.21
2.079	19.84	52.68	1.26	5.45	138.63	1.04	39.09
2.108	19.83	52.87	1.14	5.5	146.12	0.92	39.25
2.116	19.8	52.86	0.99	5.58	137.74	0.92	39.27
2.124	19.79	52.96	0.92	5.65	125.72	0.96	39.36
2.147	19.8	52.89	0.88	5.72	133.09	0.97	39.3
2.174	19.82	52.81	0.99	5.79	140.7	0.96	39.22
2.196	19.83	52.91	0.8	5.85	145.75	0.96	39.29
2.214	19.82	52.86	0.76	5.89	132.32	0.95	39.25
2.227	19.81	52.9	0.69	5.9	133.9	1.01	39.3
2.24	19.81	52.87	0.76	5.9	138.89	0.99	39.27
2.257	19.81	52.94	0.8	5.89	142.48	1.15	39.33
2.278	19.82	52.91	0.88	5.88	127.24	1.03	39.3
2.301	19.82	52.95	0.99	5.85	129.86	0.95	39.32
2.328	19.83	52.96	1.11	5.82	139.24	1.02	39.33
2.35	19.84	52.87	1.18	5.79	146.09	1.01	39.25
2.361	19.85	52.9	0.92	5.76	132.2	0.96	39.26
2.376	19.86	53.1	0.8	5.71	125.77	1.0	39.42
2.404	19.88	52.93	0.99	5.66	136.4	0.96	39.27
2.434	19.89	52.84	1.03	5.61	147.72	1.0	39.17
2.455	19.89	52.9	0.99	5.58	132.75	0.94	39.22
2.461	19.88	53.0	0.84	5.56	134.99	0.96	39.32
2.467	19.87	53.08	0.76	5.55	143.2	0.91	39.39

2.485	19.86	53.03	0.84	5.54	138.73	0.98	39.37
2.508	19.86	52.89	1.11	5.56	129.98	0.97	39.24
2.528	19.87	52.99	0.95	5.57	127.92	0.97	39.32
2.545	19.85	53.12	0.88	5.6	133.83	0.95	39.44
2.563	19.84	52.99	0.88	5.63	151.33	1.01	39.34
2.585	19.85	52.96	1.14	5.67	132.84	1.06	39.31
2.604	19.87	53.0	1.34	5.69	123.78	1.03	39.33
2.619	19.88	53.08	1.07	5.72	133.71	0.98	39.39
2.641	19.88	53.11	0.84	5.73	144.07	1.0	39.41
2.674	19.88	53.05	1.41	5.72	134.95	1.03	39.36
2.703	19.88	52.94	1.18	5.7	131.01	0.98	39.27
2.72	19.88	53.03	1.22	5.66	144.44	0.98	39.34
2.733	19.88	53.18	1.03	5.6	133.4	0.98	39.46
2.755	19.89	53.03	1.18	5.55	133.18	1.0	39.34
2.788	19.9	53.08	1.53	5.52	129.53	1.03	39.36
2.82	19.92	53.01	1.41	5.5	137.61	0.96	39.28
2.837	19.93	53.05	1.22	5.5	136.31	1.0	39.31
2.845	19.93	53.13	1.18	5.49	135.36	1.0	39.38
2.858	19.93	53.17	0.92	5.49	128.25	1.04	39.42
2.885	19.93	53.12	0.99	5.49	131.34	1.16	39.37
2.919	19.93	53.03	1.07	5.48	138.34	1.16	39.3
2.944	19.93	53.05	1.11	5.46	130.77	1.05	39.31
2.95	19.9	53.21	0.72	5.4	134.11	1.09	39.47
2.97	19.9	53.23	0.76	5.37	138.25	1.05	39.49
3.003	19.92	53.01	0.88	5.36	125.57	1.04	39.28
3.033	19.93	53.04	0.95	5.34	127.65	1.13	39.31
3.044	19.89	53.2	1.07	5.34	133.37	1.05	39.47
3.052	19.9	53.16	0.92	5.34	134.67	1.07	39.44
3.08	19.91	53.2	0.92	5.36	130.83	1.11	39.45
3.118	19.92	53.12	1.11	5.39	125.05	1.13	39.38
3.147	19.93	53.12	0.92	5.43	128.6	1.09	39.37
3.16	19.94	53.13	1.03	5.46	138.15	1.09	39.36
3.171	19.95	53.3	0.99	5.49	133.68	1.09	39.5
3.2	19.96	53.28	0.84	5.52	130.13	1.08	39.47
3.231	19.98	53.16	0.88	5.55	127.83	1.08	39.35
3.253	19.99	53.37	0.69	5.57	132.69	1.15	39.52
3.271	19.99	53.45	0.8	5.6	133.46	1.24	39.59
3.296	20.0	53.48	0.72	5.63	135.58	1.16	39.6
3.323	20.02	53.38	0.84	5.68	140.77	1.11	39.51
3.347	20.03	53.5	0.92	5.74	131.19	1.17	39.59
3.367	20.04	53.51	0.8	5.82	142.51	1.21	39.6
3.381	20.05	53.48	0.5	5.89	148.17	1.22	39.55
3.394	20.07	53.73	0.65	5.93	141.06	1.24	39.75
3.42	20.08	53.76	0.53	5.97	145.34	1.22	39.76
3.461	20.09	53.84	0.95	6.0	154.3	1.12	39.82
3.489	20.1	53.73	0.84	6.04	163.92	1.08	39.72
3.496	20.11	53.86	1.07	6.05	153.45	1.17	39.82
3.499	20.12	53.97	0.84	6.06	162.22	1.07	39.9
3.514	20.13	54.0	0.92	6.07	168.51	1.14	39.92
3.54	20.14	54.02	0.95	6.08	196.27	1.17	39.92
3.569	20.15	54.08	0.84	6.1	187.16	1.24	39.96
3.591	20.16	54.12	0.8	6.14	181.99	1.36	39.98
3.61	20.17	54.14	0.8	6.15	203.87	1.18	40.0
3.628	20.18	54.19	0.8	6.18	214.99	1.14	40.03
3.65	20.2	54.24	0.88	6.24	210.21	1.17	40.05
3.679	20.21	54.26	0.76	6.29	219.77	1.21	40.06
3.702	20.22	54.27	0.72	6.38	222.95	1.18	40.05
3.718	20.23	54.31	0.88	6.47	272.32	1.2	40.08

3.738	20.24	54.37	0.65	6.56	215.84	1.18	40.12
3.753	20.26	54.41	0.8	6.64	225.87	1.15	40.13
3.77	20.28	54.47	0.8	6.72	250.0	1.11	40.17
3.795	20.29	54.48	0.84	6.79	288.5	1.14	40.17
3.82	20.3	54.5	0.72	6.86	244.05	1.24	40.17
3.835	20.31	54.53	0.99	6.93	235.16	1.15	40.18
3.844	20.32	54.57	0.8	6.99	262.29	1.19	40.2
3.861	20.34	54.59	0.76	7.04	320.51	1.18	40.21
3.896	20.34	54.6	0.88	7.11	270.19	1.14	40.21
3.931	20.35	54.59	0.95	7.16	243.65	1.21	40.2
3.959	20.35	54.61	0.92	7.22	250.46	1.2	40.21
3.983	20.36	54.63	0.76	7.28	302.61	1.37	40.22
4.007	20.36	54.64	0.76	7.32	270.62	1.3	40.23
4.037	20.36	54.65	0.84	7.34	242.86	1.35	40.23
4.07	20.36	54.65	0.8	7.33	257.77	1.24	40.24
4.094	20.37	54.66	0.69	7.3	265.16	1.16	40.24
4.11	20.37	54.67	0.72	7.25	276.52	1.4	40.25
4.134	20.37	54.68	0.76	7.2	266.95	1.27	40.25
4.168	20.37	54.68	0.72	7.14	240.12	1.32	40.25
4.199	20.38	54.68	0.61	7.08	243.37	1.38	40.25
4.225	20.38	54.69	0.61	7.03	234.56	1.31	40.25
4.25	20.38	54.7	0.76	7.01	248.27	1.14	40.26
4.277	20.38	54.7	0.8	6.99	250.12	1.13	40.26
4.308	20.38	54.7	0.92	6.99	225.08	1.09	40.26
4.336	20.38	54.7	0.92	7.0	226.76	1.11	40.26
4.363	20.38	54.7	0.84	7.0	239.56	1.18	40.26
4.388	20.38	54.71	0.8	7.0	241.01	1.12	40.27
4.413	20.38	54.71	0.99	7.0	219.88	1.11	40.27
4.445	20.38	54.71	0.76	7.01	228.24	1.06	40.27
4.482	20.38	54.72	0.8	7.01	201.67	1.12	40.27
4.515	20.38	54.72	0.76	7.02	202.27	1.14	40.27
4.541	20.38	54.72	0.8	7.02	213.6	1.16	40.28
4.57	20.38	54.72	0.84	7.02	209.96	1.21	40.27
4.604	20.38	54.73	0.69	7.0	213.05	1.15	40.28
4.642	20.38	54.73	0.88	6.98	195.18	1.1	40.28
4.677	20.38	54.73	0.8	6.95	189.78	1.2	40.28
4.704	20.38	54.73	0.88	6.93	182.66	1.14	40.28
4.729	20.38	54.73	1.11	6.9	196.27	1.08	40.28
4.748	20.38	54.73	0.84	6.86	194.82	1.07	40.28
4.763	20.38	54.74	0.8	6.83	183.55	1.14	40.29
4.782	20.38	54.74	0.84	6.8	176.58	1.08	40.29
4.807	20.38	54.74	0.99	6.8	189.83	1.08	40.29
4.825	20.38	54.74	0.76	6.81	182.92	1.08	40.29
4.839	20.39	54.74	0.99	6.85	174.67	1.09	40.29
4.86	20.39	54.75	0.84	6.91	170.51	1.05	40.29
4.887	20.39	54.75	0.95	6.98	172.58	1.04	40.29
4.911	20.39	54.75	0.8	7.04	182.24	1.06	40.29
4.934	20.38	54.75	1.03	7.09	169.84	1.08	40.29
4.956	20.38	54.75	0.99	7.14	165.03	1.06	40.3
4.979	20.38	54.75	0.88	7.17	172.38	1.06	40.29
5.002	20.38	54.75	0.8	7.18	169.53	1.07	40.3
5.023	20.39	54.75	0.76	7.2	173.74	1.1	40.3
5.04	20.39	54.75	0.92	7.2	165.8	1.11	40.3
5.051	20.39	54.75	0.84	7.21	159.28	1.11	40.3
5.06	20.39	54.75	0.99	7.2	161.14	1.09	40.29
5.07	20.39	54.75	0.92	7.19	160.24	1.16	40.29
5.085	20.39	54.75	0.84	7.16	177.28	1.1	40.29
5.116	20.39	54.75	0.88	7.13	162.79	1.2	40.3

5.148	20.39	54.75	0.76	7.11	156.72	1.14	40.3
5.16	20.39	54.75	0.88	7.1	152.77	1.08	40.3
5.166	20.39	54.75	0.92	7.1	156.72	1.11	40.3
5.189	20.39	54.75	0.88	7.11	160.39	1.12	40.3
5.231	20.39	54.75	0.99	7.14	153.16	1.18	40.3
5.271	20.39	54.76	1.07	7.18	152.21	1.21	40.3
5.298	20.39	54.76	0.76	7.22	153.98	1.14	40.3
5.318	20.39	54.76	0.92	7.25	148.24	1.12	40.3
5.332	20.39	54.76	0.95	7.26	144.47	1.12	40.3
5.34	20.39	54.76	0.99	7.25	147.89	1.1	40.3
5.343	20.39	54.76	0.8	7.24	155.74	1.03	40.3



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	19.1	52.51	0.42	5.22	87.05	0.46	39.41
PROF (metros)	0.726	0.784	0.735	0.991	0.784	0.787	1.396
MÁXIMO	20.19	20.19	1.56	6.72	564.1	1.08	40.66
PROF (metros)	6.115	6.208	3.069	2.642	3.23	5.811	6.208

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N03 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.22	52.63	0.63	5.55	96.2	0.5	39.62
1 - 2m	19.39	52.88	0.59	5.79	115.69	0.52	39.69
2 - 3m	19.57	53.35	0.64	6.14	179.38	0.56	39.9
3 - 4m	19.92	53.85	0.9	5.89	376.06	0.62	39.99
4 - 5m	20.07	54.28	0.75	5.6	328.16	0.72	40.21
5 - 6m	20.06	54.49	0.73	5.98	281.68	0.81	40.39
6 - 7m	20.18	54.89	0.65	6.05	238.39	0.84	40.61

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

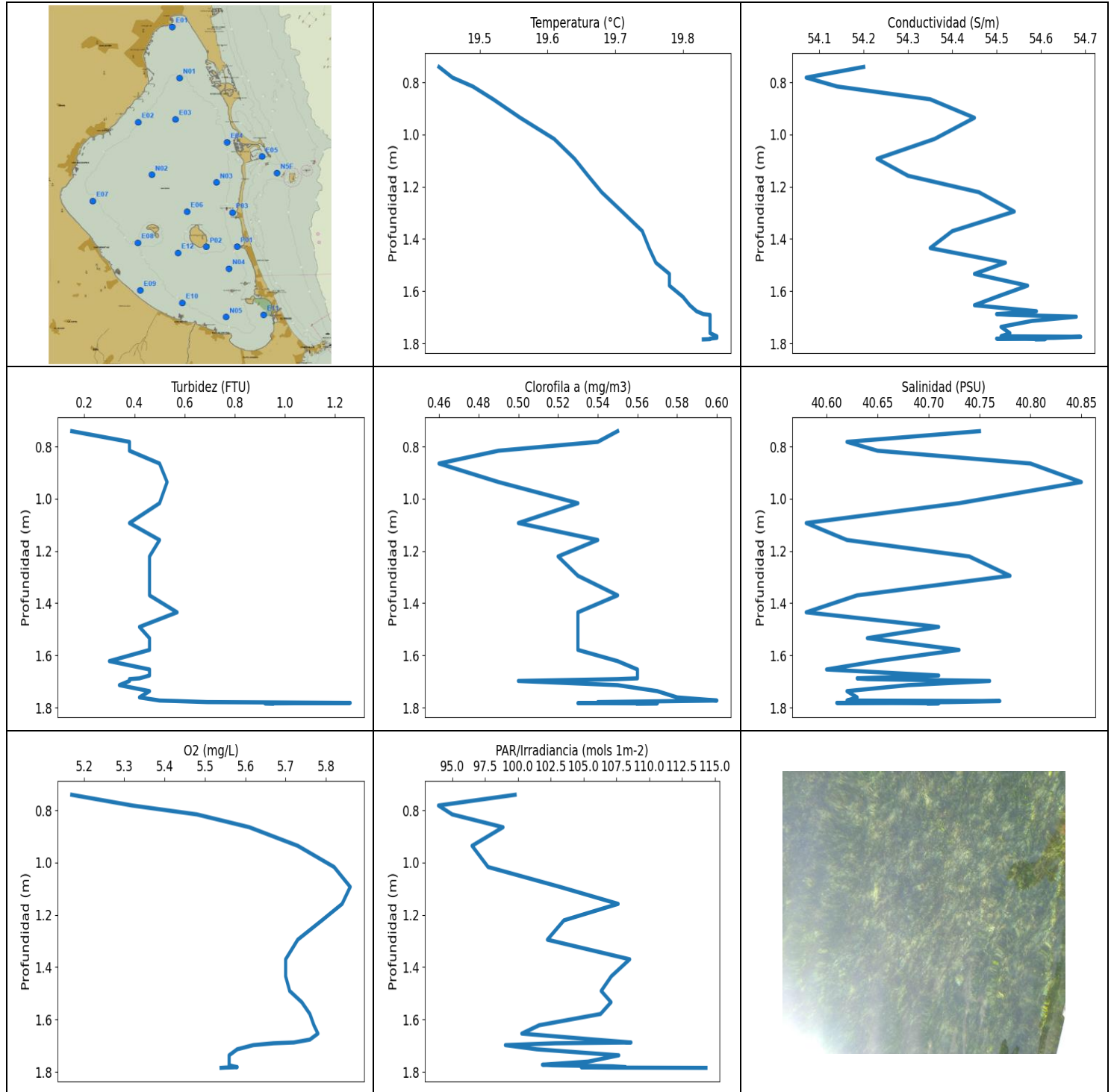
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	19.14	52.54	0.46	5.69	89.38	0.53	39.63
0.715	19.12	52.59	0.65	5.71	102.24	0.52	39.69
0.722	19.11	52.57	0.61	5.73	100.96	0.5	39.69
0.726	19.1	52.57	0.57	5.75	90.52	0.51	39.7
0.735	19.1	52.59	0.42	5.75	88.26	0.5	39.71
0.756	19.12	52.62	0.84	5.75	94.34	0.47	39.72
0.777	19.14	52.57	0.57	5.73	98.35	0.48	39.65
0.784	19.16	52.51	0.72	5.7	87.04	0.47	39.59
0.787	19.17	52.57	0.76	5.67	98.9	0.46	39.62
0.795	19.18	52.63	0.65	5.63	94.58	0.47	39.67
0.814	19.19	52.71	0.57	5.6	96.17	0.51	39.73
0.843	19.22	52.66	0.72	5.57	91.56	0.5	39.66
0.867	19.25	52.54	0.65	5.56	97.72	0.48	39.53
0.877	19.27	52.52	0.57	5.56	89.0	0.5	39.49
0.88	19.28	52.62	0.65	5.56	103.43	0.5	39.56
0.884	19.27	52.71	0.61	5.55	93.86	0.5	39.66
0.889	19.26	52.69	0.5	5.54	92.37	0.51	39.64
0.9	19.27	52.62	0.61	5.52	94.88	0.51	39.57
0.917	19.28	52.64	0.65	5.49	98.99	0.5	39.58
0.928	19.32	52.6	0.65	5.38	93.16	0.52	39.51
0.931	19.33	52.73	0.65	5.33	97.63	0.53	39.61
0.956	19.34	52.77	0.61	5.28	100.36	0.5	39.63
0.985	19.37	52.56	0.69	5.25	102.31	0.5	39.43
0.991	19.33	52.72	0.8	5.22	101.9	0.46	39.6
0.995	19.28	52.85	0.69	5.22	107.01	0.51	39.76
1.016	19.28	52.7	0.57	5.23	105.46	0.51	39.63
1.034	19.29	52.56	0.65	5.28	102.69	0.58	39.51
1.049	19.3	52.68	0.57	5.33	95.9	0.51	39.6
1.057	19.28	52.69	0.61	5.41	97.47	0.5	39.63
1.06	19.27	52.7	0.5	5.47	109.55	0.54	39.65
1.072	19.26	52.78	0.72	5.53	111.54	0.5	39.72
1.092	19.27	52.67	0.65	5.59	99.43	0.53	39.62
1.108	19.28	52.62	0.5	5.62	94.99	0.5	39.57
1.121	19.29	52.7	0.61	5.64	106.02	0.5	39.62
1.134	19.3	52.79	0.61	5.62	115.17	0.51	39.68

1.147	19.31	52.67	0.72	5.61	107.09	0.53	39.58
1.148	19.32	52.63	0.57	5.58	99.68	0.48	39.54
1.15	19.33	52.82	0.61	5.56	103.21	0.52	39.69
1.168	19.35	52.81	0.65	5.55	107.21	0.51	39.66
1.198	19.37	52.69	0.57	5.55	110.26	0.49	39.54
1.213	19.37	52.83	0.65	5.61	102.52	0.48	39.66
1.218	19.35	52.86	0.46	5.63	111.11	0.51	39.7
1.246	19.36	52.75	0.5	5.65	112.3	0.53	39.61
1.283	19.36	52.68	0.65	5.68	110.34	0.55	39.53
1.299	19.38	52.85	0.65	5.75	108.33	0.53	39.67
1.311	19.39	53.03	0.53	5.74	109.5	0.5	39.81
1.354	19.41	52.8	0.69	5.75	112.17	0.5	39.59
1.396	19.44	52.62	0.57	5.75	115.49	0.56	39.41
1.405	19.36	53.06	0.69	5.76	112.09	0.51	39.86
1.407	19.35	52.88	0.61	5.79	112.22	0.49	39.72
1.425	19.37	52.77	0.57	5.82	113.4	0.5	39.61
1.45	19.39	52.73	0.65	5.85	118.34	0.5	39.56
1.465	19.35	52.85	0.53	5.89	117.57	0.5	39.69
1.473	19.32	52.98	0.61	5.91	114.66	0.54	39.83
1.485	19.32	52.9	0.57	5.95	114.29	0.53	39.76
1.5	19.32	52.81	0.61	6.0	115.54	0.53	39.69
1.517	19.33	52.86	0.57	6.06	116.78	0.53	39.73
1.525	19.36	52.98	0.65	6.09	120.3	0.52	39.79
1.531	19.37	52.89	0.72	6.05	120.8	0.5	39.71
1.545	19.39	52.87	0.65	5.99	117.35	0.56	39.67
1.557	19.41	52.82	0.65	5.93	114.58	0.55	39.6
1.572	19.42	53.0	0.65	5.87	117.84	0.52	39.75
1.587	19.43	52.9	0.61	5.83	119.99	0.52	39.66
1.601	19.44	52.89	0.53	5.8	121.87	0.55	39.64
1.621	19.46	53.02	0.5	5.77	119.05	0.53	39.73
1.644	19.48	52.95	0.57	5.75	117.43	0.56	39.65
1.657	19.48	52.85	0.57	5.74	120.75	0.53	39.56
1.668	19.49	53.05	0.5	5.72	122.86	0.52	39.73
1.691	19.49	53.13	0.57	5.73	122.15	0.52	39.79
1.715	19.5	52.87	0.61	5.75	123.32	0.56	39.56
1.726	19.51	52.91	0.61	5.8	122.92	0.53	39.59
1.732	19.47	53.19	0.53	5.86	121.9	0.54	39.87
1.754	19.46	53.19	0.61	5.92	125.16	0.56	39.88
1.783	19.47	52.91	0.57	5.97	125.98	0.55	39.63
1.802	19.48	53.0	0.42	6.01	125.89	0.52	39.69
1.805	19.45	53.22	0.53	6.03	127.24	0.5	39.91
1.811	19.42	53.14	0.53	6.06	128.6	0.55	39.88
1.833	19.42	53.03	0.53	6.08	123.43	0.55	39.78
1.867	19.43	53.0	0.69	6.1	126.07	0.56	39.75
1.899	19.44	53.01	0.61	6.11	131.99	0.53	39.75
1.916	19.45	53.03	0.5	6.11	133.46	0.51	39.75
1.934	19.46	53.23	0.5	6.08	132.69	0.53	39.91
1.962	19.47	53.16	0.61	6.04	129.56	0.56	39.84
1.99	19.49	53.04	0.69	5.99	130.37	0.53	39.72
2.014	19.51	53.14	0.53	5.94	134.61	0.54	39.78
2.035	19.52	53.18	0.5	5.88	137.39	0.54	39.81
2.055	19.52	53.12	0.61	5.82	137.99	0.55	39.76
2.079	19.51	53.22	0.53	5.77	136.78	0.58	39.85
2.1	19.52	53.15	0.61	5.74	137.42	0.56	39.78
2.127	19.53	53.26	0.65	5.73	140.9	0.55	39.87
2.163	19.54	53.3	0.57	5.72	142.97	0.53	39.89
2.196	19.55	53.16	0.76	5.76	145.58	0.55	39.77
2.221	19.55	53.28	0.76	5.79	147.69	0.56	39.86

2.232	19.56	53.27	0.53	5.82	148.44	0.53	39.84
2.234	19.57	53.25	0.53	5.85	148.48	0.53	39.83
2.255	19.57	53.38	0.65	5.86	150.31	0.55	39.92
2.305	19.58	53.46	0.65	5.85	153.52	0.54	39.99
2.354	19.59	53.14	0.65	5.83	163.39	0.53	39.7
2.376	19.59	53.22	0.76	5.8	168.0	0.54	39.77
2.38	19.56	53.51	0.72	5.76	164.76	0.55	40.06
2.396	19.55	53.44	0.65	5.73	163.47	0.56	40.0
2.434	19.57	53.21	0.65	5.74	159.13	0.61	39.78
2.476	19.58	53.31	0.57	5.78	165.99	0.55	39.86
2.505	19.55	53.39	0.84	5.88	174.67	0.54	39.95
2.516	19.54	53.24	0.69	6.05	178.23	0.56	39.84
2.52	19.55	53.4	0.61	6.23	172.38	0.56	39.97
2.539	19.55	53.52	0.53	6.4	171.78	0.58	40.07
2.574	19.57	53.32	0.76	6.56	173.58	0.54	39.88
2.612	19.59	53.23	0.65	6.67	181.52	0.58	39.78
2.642	19.58	53.47	0.76	6.72	192.49	0.56	39.99
2.664	19.56	53.44	0.53	6.72	199.99	0.53	39.99
2.678	19.57	53.28	0.57	6.69	187.99	0.55	39.84
2.694	19.59	53.42	0.65	6.63	184.24	0.58	39.95
2.712	19.57	53.56	0.72	6.59	196.45	0.56	40.08
2.747	19.58	53.44	0.72	6.56	211.92	0.56	39.97
2.78	19.6	53.29	0.84	6.54	213.5	0.56	39.82
2.799	19.62	53.45	0.57	6.51	209.33	0.57	39.94
2.814	19.59	53.59	0.61	6.49	207.93	0.54	40.08
2.832	19.6	53.37	0.61	6.46	208.8	0.57	39.89
2.856	19.63	53.41	0.65	6.42	216.24	0.57	39.9
2.882	19.62	53.52	0.61	6.37	233.37	0.56	40.0
2.906	19.61	53.39	0.46	6.32	245.58	0.58	39.9
2.93	19.62	53.44	0.57	6.27	237.13	0.54	39.94
2.955	19.62	53.6	0.65	6.22	229.72	0.59	40.07
2.979	19.64	53.58	0.69	6.19	281.04	0.56	40.03
3.008	19.68	53.48	0.84	6.15	333.86	0.53	39.91
3.04	19.72	53.47	1.18	6.11	312.52	0.55	39.86
3.069	19.76	53.68	1.56	6.06	383.14	0.53	40.01
3.099	19.77	53.65	1.53	6.01	414.65	0.56	39.97
3.128	19.78	53.5	1.11	5.96	284.19	0.54	39.83
3.152	19.8	53.51	0.92	5.9	427.13	0.55	39.81
3.172	19.83	53.69	0.95	5.84	335.33	0.56	39.94
3.194	19.85	53.73	1.14	5.79	386.08	0.57	39.96
3.23	19.85	53.75	0.88	5.75	564.1	0.59	39.97
3.273	19.85	53.67	1.56	5.73	356.24	0.63	39.91
3.305	19.85	53.67	1.14	5.72	333.4	0.62	39.91
3.325	19.86	53.82	0.99	5.7	321.85	0.65	40.02
3.34	19.89	53.65	0.69	5.69	479.17	0.63	39.86
3.365	19.92	53.96	0.72	5.68	328.56	0.62	40.08
3.392	19.95	53.75	1.07	5.67	431.41	0.7	39.88
3.415	19.98	53.66	0.88	5.66	437.96	0.62	39.78
3.433	19.97	53.93	0.88	5.66	296.91	0.6	40.01
3.454	19.95	53.81	0.84	5.67	387.07	0.58	39.93
3.478	19.95	53.72	0.72	5.7	431.01	0.56	39.85
3.506	19.96	54.04	0.99	5.72	323.35	0.63	40.11
3.542	19.97	54.09	0.8	5.75	349.7	0.69	40.15
3.574	19.98	53.68	0.53	5.81	377.06	0.68	39.79
3.596	19.99	53.88	0.8	5.85	349.05	0.64	39.95
3.612	19.96	53.92	0.8	5.9	360.73	0.63	40.02
3.623	19.94	53.91	0.8	5.95	383.94	0.6	40.02
3.635	19.95	54.0	0.65	5.99	343.75	0.65	40.09

3.654	19.96	54.04	0.61	6.03	413.88	0.6	40.11
3.687	19.97	54.0	0.72	6.07	365.11	0.6	40.06
3.725	19.98	53.95	0.88	6.09	376.36	0.65	40.02
3.764	19.98	54.05	0.8	6.09	359.06	0.63	40.1
3.801	19.99	54.17	0.61	6.09	368.34	0.63	40.19
3.842	20.01	54.2	0.99	6.07	355.42	0.63	40.19
3.889	20.03	54.02	0.72	6.08	530.49	0.69	40.02
3.936	20.04	54.04	0.92	6.06	403.55	0.71	40.03
3.972	20.05	54.16	0.88	6.04	305.78	0.69	40.12
3.987	20.06	54.12	0.65	6.01	322.0	0.71	40.08
3.992	20.07	54.2	0.57	5.98	382.07	0.68	40.15
4.0	20.07	54.25	0.5	5.94	371.85	0.67	40.18
4.028	20.08	54.24	0.65	5.89	409.78	0.7	40.16
4.064	20.09	54.05	0.65	5.85	399.37	0.72	40.0
4.085	20.09	53.97	0.69	5.79	296.36	0.69	39.93
4.09	20.09	54.25	0.65	5.73	295.34	0.7	40.17
4.098	20.07	54.37	0.53	5.67	361.48	0.69	40.28
4.126	20.07	54.36	0.84	5.61	351.32	0.69	40.27
4.174	20.07	54.13	0.8	5.58	339.32	0.7	40.08
4.216	20.07	54.05	0.69	5.55	366.12	0.69	40.01
4.244	20.07	54.19	0.76	5.51	311.43	0.73	40.13
4.259	20.07	54.33	0.61	5.48	319.92	0.72	40.25
4.277	20.06	54.36	0.65	5.45	327.5	0.69	40.29
4.307	20.06	54.35	0.8	5.43	369.62	0.69	40.27
4.337	20.07	54.22	0.76	5.43	327.65	0.67	40.16
4.355	20.07	54.11	0.8	5.43	313.24	0.63	40.07
4.362	20.07	54.25	0.53	5.44	326.44	0.64	40.18
4.38	20.07	54.51	0.61	5.44	318.0	0.67	40.4
4.416	20.09	54.26	0.88	5.46	332.86	0.68	40.17
4.461	20.1	54.02	1.03	5.49	328.03	0.73	39.96
4.5	20.08	54.31	0.99	5.51	351.81	0.73	40.22
4.519	20.05	54.23	0.72	5.55	294.58	0.76	40.18
4.53	20.05	54.25	0.69	5.59	291.05	0.76	40.2
4.547	20.05	54.36	0.57	5.63	317.19	0.7	40.29
4.572	20.06	54.34	0.46	5.67	386.08	0.71	40.27
4.603	20.06	54.17	0.65	5.72	305.08	0.72	40.13
4.63	20.06	54.21	0.5	5.75	294.65	0.77	40.16
4.652	20.06	54.3	0.65	5.75	306.07	0.74	40.23
4.678	20.06	54.43	0.84	5.74	317.92	0.72	40.34
4.714	20.07	54.37	0.92	5.71	324.78	0.74	40.28
4.741	20.08	54.17	0.69	5.68	315.65	0.72	40.1
4.757	20.09	54.28	1.07	5.65	342.8	0.74	40.19
4.762	20.08	54.43	0.61	5.61	290.99	0.75	40.32
4.777	20.07	54.52	0.8	5.57	313.75	0.69	40.4
4.812	20.08	54.37	0.88	5.54	297.46	0.77	40.26
4.849	20.09	54.15	0.95	5.53	351.0	0.72	40.08
4.869	20.09	54.28	1.11	5.51	316.31	0.72	40.19
4.887	20.06	54.6	0.88	5.5	312.01	0.83	40.49
4.917	20.05	54.31	1.03	5.5	307.13	0.72	40.25
4.95	20.06	54.22	0.88	5.5	312.66	0.71	40.16
4.97	20.02	54.43	0.8	5.54	305.5	0.8	40.38
4.983	20.0	54.52	0.72	5.63	334.63	0.72	40.48
5.009	20.01	54.37	0.88	5.75	315.43	0.82	40.35
5.04	20.02	54.27	0.84	5.88	317.85	0.77	40.24
5.063	20.01	54.42	0.88	6.0	307.99	0.78	40.38
5.077	19.99	54.48	0.57	6.1	294.99	0.76	40.45
5.095	19.99	54.42	0.61	6.16	306.14	0.76	40.4
5.123	20.0	54.34	0.53	6.17	331.24	0.74	40.33

5.147	20.01	54.35	1.14	6.14	288.57	0.77	40.32
5.17	20.02	54.48	0.72	6.08	283.92	0.77	40.42
5.193	20.03	54.39	0.95	6.01	297.6	0.76	40.34
5.216	20.05	54.34	1.07	5.92	341.37	0.8	40.28
5.241	20.05	54.44	0.8	5.85	281.7	0.79	40.37
5.265	20.04	54.44	1.14	5.79	256.4	0.78	40.37
5.297	20.03	54.45	0.99	5.74	278.97	0.78	40.38
5.328	20.03	54.34	0.99	5.7	309.2	0.77	40.29
5.342	20.03	54.38	0.92	5.67	320.66	0.76	40.32
5.348	20.03	54.54	0.84	5.64	265.1	0.8	40.46
5.37	20.04	54.51	0.57	5.61	286.37	0.8	40.43
5.406	20.06	54.33	0.53	5.59	302.54	0.79	40.26
5.447	20.07	54.43	0.65	5.59	260.11	0.78	40.33
5.484	20.06	54.45	0.65	5.6	264.98	0.81	40.36
5.503	20.05	54.35	0.5	5.66	323.27	0.85	40.29
5.507	20.05	54.39	0.53	5.73	286.84	0.76	40.32
5.514	20.05	54.57	0.46	5.82	258.13	0.81	40.47
5.537	20.06	54.46	0.69	5.91	253.62	0.81	40.36
5.565	20.07	54.38	0.65	5.99	244.5	0.82	40.29
5.592	20.08	54.46	0.61	6.06	293.22	0.8	40.35
5.611	20.07	54.5	0.57	6.1	265.34	0.81	40.39
5.625	20.07	54.42	0.69	6.12	283.46	0.84	40.32
5.636	20.07	54.43	0.57	6.14	292.75	0.81	40.33
5.66	20.08	54.58	0.57	6.15	248.44	0.86	40.45
5.698	20.08	54.51	0.57	6.17	255.33	0.78	40.39
5.727	20.09	54.36	0.69	6.2	267.51	0.91	40.25
5.741	20.08	54.57	0.72	6.21	284.19	0.84	40.44
5.755	20.05	54.67	0.57	6.21	291.32	0.81	40.55
5.781	20.07	54.52	0.72	6.21	256.34	0.81	40.41
5.811	20.09	54.56	0.69	6.21	249.08	1.08	40.42
5.84	20.11	54.69	0.76	6.2	246.83	0.86	40.51
5.868	20.12	54.63	0.95	6.19	272.26	0.82	40.45
5.896	20.13	54.69	0.84	6.19	325.53	0.84	40.49
5.918	20.14	54.65	0.69	6.19	253.09	0.82	40.45
5.932	20.15	54.68	0.61	6.18	239.79	0.82	40.46
5.95	20.15	54.76	0.69	6.15	247.69	0.82	40.53
5.967	20.16	54.65	0.65	6.13	263.87	0.82	40.43
5.985	20.17	54.79	0.65	6.08	280.33	0.85	40.54
6.003	20.17	54.79	0.5	6.04	248.79	0.9	40.54
6.022	20.17	54.83	0.61	6.0	235.71	0.93	40.57
6.04	20.18	54.84	0.5	5.97	237.85	0.86	40.57
6.059	20.18	54.87	0.53	5.94	281.57	0.81	40.6
6.08	20.18	54.87	0.69	5.93	235.65	0.79	40.59
6.095	20.18	54.88	0.65	5.94	221.46	0.84	40.6
6.115	20.19	54.92	0.95	5.96	234.02	0.89	40.63
6.143	20.19	54.93	0.65	6.0	260.47	0.82	40.63
6.167	20.19	54.92	0.69	6.05	230.25	0.83	40.63
6.185	20.19	54.94	0.76	6.11	218.35	0.82	40.64
6.208	20.19	54.96	0.69	6.17	221.67	0.82	40.66
6.229	20.19	54.93	0.57	6.23	228.71	0.84	40.63
6.238	20.19	54.95	0.69	6.28	244.56	0.79	40.65



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	19.44	54.07	0.15	5.17	93.94	0.46	40.58
PROF (metros)	0.741	0.782	0.741	0.741	0.782	0.865	1.093
MÁXIMO	19.85	19.85	1.26	5.86	114.32	0.6	40.85
PROF (metros)	1.773	1.775	1.782	1.093	1.785	1.773	0.936

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

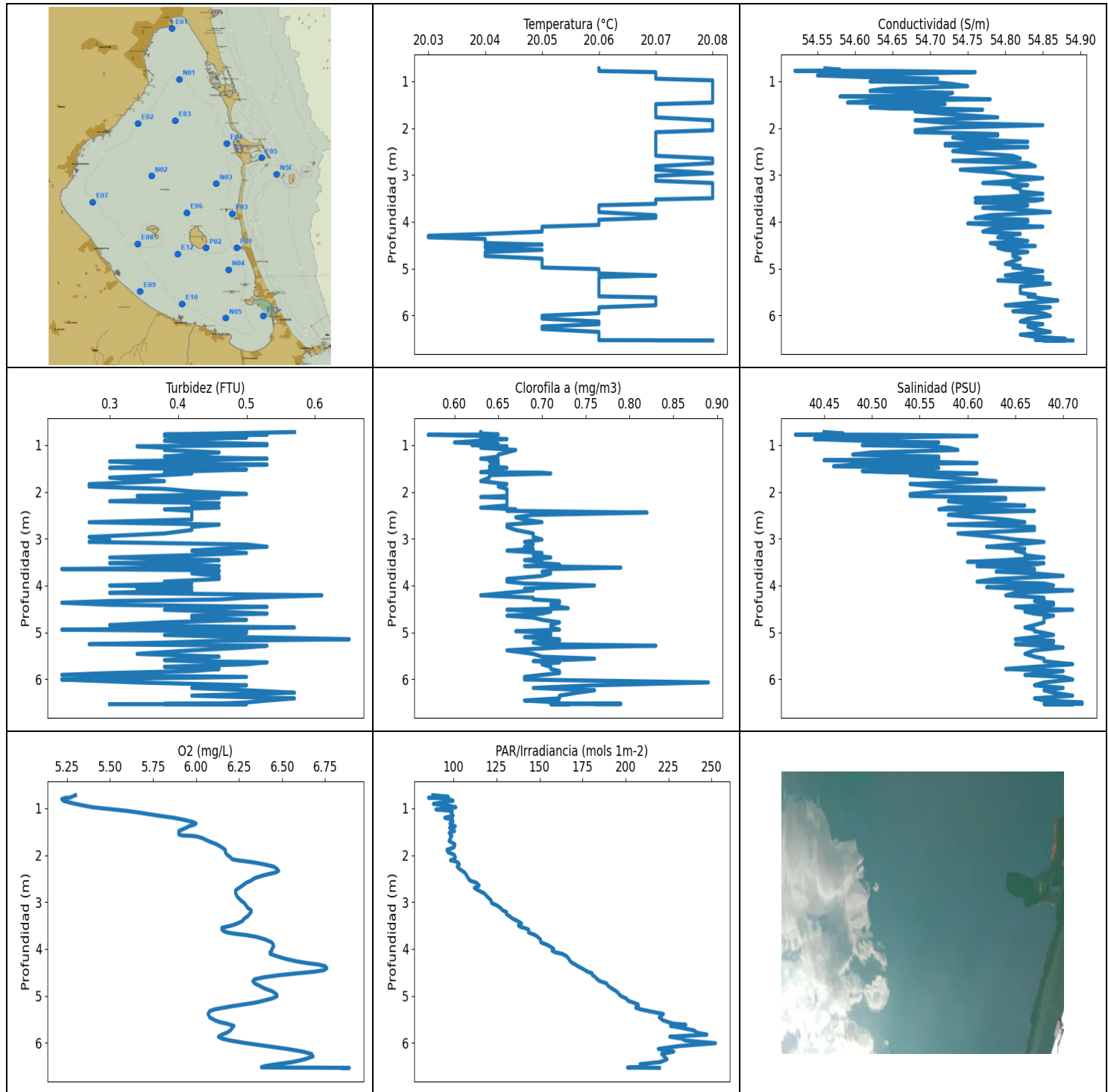
CTD P03 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.5	54.24	0.39	5.46	96.81	0.51	40.73
1 - 2m	19.79	54.51	0.55	5.68	104.93	0.55	40.67

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.741	19.44	54.2	0.15	5.17	99.78	0.55	40.75
0.782	19.46	54.07	0.38	5.32	93.94	0.54	40.62
0.816	19.49	54.14	0.38	5.48	94.99	0.49	40.65
0.865	19.52	54.35	0.5	5.61	98.86	0.46	40.8
0.936	19.56	54.45	0.53	5.73	96.5	0.49	40.85
1.017	19.61	54.36	0.5	5.82	97.72	0.53	40.73
1.093	19.64	54.23	0.38	5.86	103.19	0.5	40.58
1.158	19.66	54.3	0.5	5.84	107.63	0.54	40.62
1.221	19.68	54.46	0.46	5.79	103.5	0.52	40.74
1.295	19.71	54.54	0.46	5.73	102.24	0.53	40.78
1.37	19.74	54.4	0.46	5.7	108.51	0.55	40.63
1.435	19.75	54.35	0.57	5.7	107.11	0.53	40.58
1.491	19.76	54.52	0.42	5.71	106.34	0.53	40.71
1.534	19.78	54.45	0.46	5.74	107.09	0.53	40.64
1.579	19.78	54.57	0.46	5.76	106.29	0.53	40.73
1.622	19.8	54.5	0.3	5.77	101.62	0.55	40.65
1.654	19.81	54.45	0.46	5.78	100.29	0.56	40.6
1.677	19.82	54.59	0.46	5.76	105.85	0.56	40.71
1.688	19.83	54.5	0.42	5.72	108.61	0.56	40.63
1.691	19.84	54.53	0.38	5.67	102.83	0.55	40.64
1.698	19.84	54.68	0.38	5.62	99.04	0.5	40.76
1.714	19.84	54.58	0.34	5.58	101.43	0.55	40.68
1.737	19.84	54.51	0.46	5.56	107.68	0.57	40.62
1.761	19.84	54.53	0.42	5.56	105.36	0.58	40.63
1.773	19.85	54.51	0.5	5.56	101.86	0.6	40.62
1.775	19.85	54.69	0.57	5.56	102.61	0.58	40.77
1.779	19.85	54.63	0.69	5.57	107.19	0.54	40.72
1.782	19.84	54.5	1.26	5.58	108.18	0.54	40.61
1.783	19.84	54.57	1.11	5.57	104.83	0.53	40.68
1.784	19.84	54.61	0.92	5.55	106.84	0.57	40.71
1.785	19.83	54.59	0.95	5.54	114.32	0.56	40.7



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	20.03	54.52	0.23	5.22	85.35	0.57	40.42
PROF (metros)	4.298	0.774	3.647	0.803	0.774	0.779	0.774
MÁXIMO	20.08	20.08	0.65	6.89	252.33	0.89	40.72
PROF (metros)	0.978	6.535	5.146	6.534	6.008	6.07	6.498

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E06 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.07	54.62	0.45	5.28	94.32	0.63	40.5
1 - 2m	20.08	54.7	0.39	5.93	98.19	0.65	40.55
2 - 3m	20.07	54.77	0.4	6.32	108.05	0.67	40.61
3 - 4m	20.07	54.81	0.41	6.29	140.32	0.7	40.65
4 - 5m	20.05	54.8	0.41	6.51	177.89	0.7	40.67
5 - 6m	20.06	54.83	0.43	6.2	220.89	0.71	40.68
6 - 7m	20.06	54.85	0.44	6.59	218.95	0.74	40.69

OBSERVACIONES GENERALES

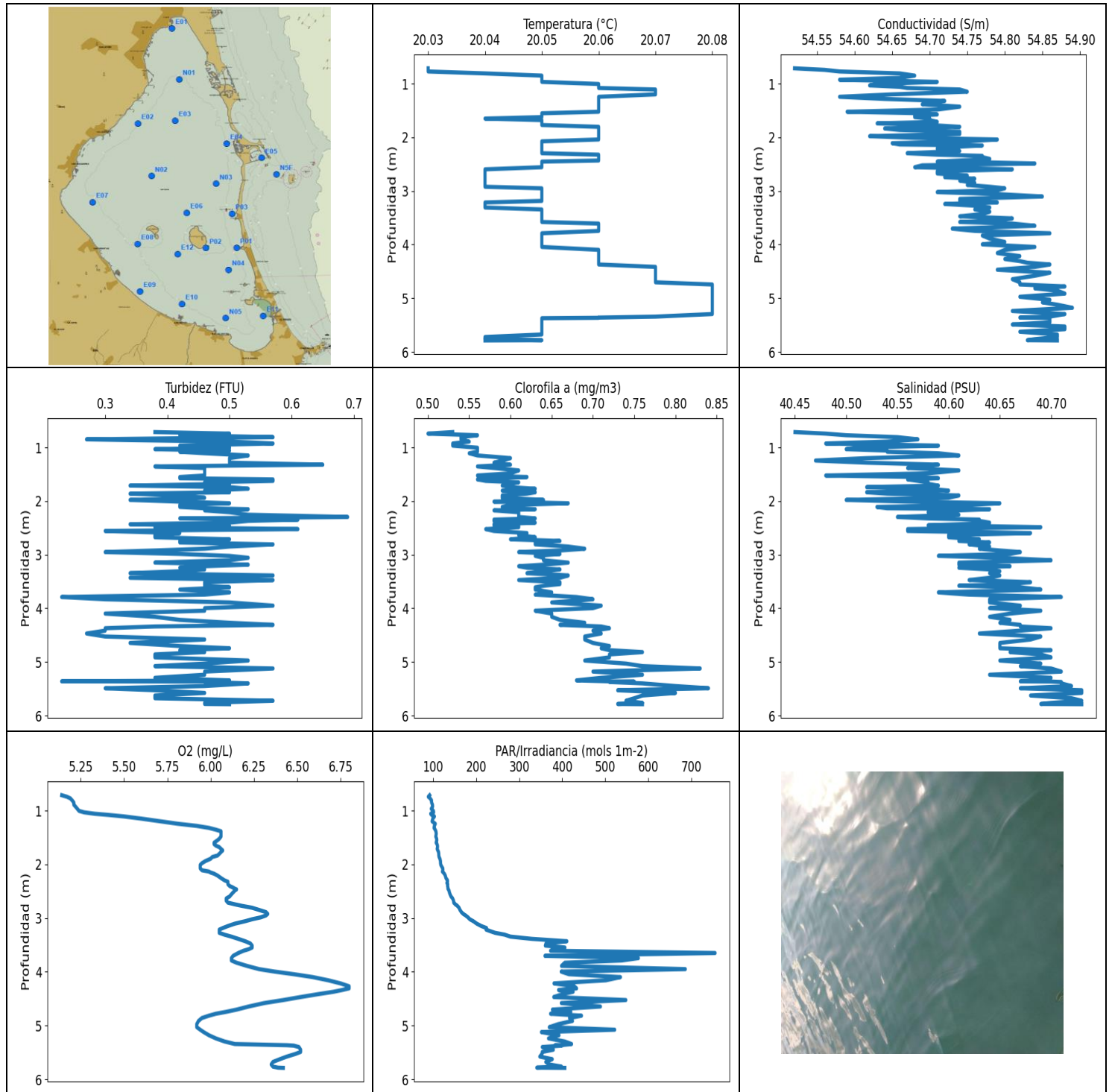
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.721	20.06	54.56	0.57	5.3	87.86	0.63	40.45
0.751	20.06	54.58	0.46	5.28	96.73	0.63	40.47
0.77	20.06	54.56	0.38	5.27	94.47	0.65	40.45
0.774	20.06	54.52	0.42	5.26	85.35	0.64	40.42
0.779	20.06	54.65	0.53	5.24	97.11	0.57	40.52
0.803	20.07	54.76	0.38	5.22	96.82	0.63	40.61
0.838	20.07	54.66	0.5	5.23	99.62	0.63	40.52
0.872	20.07	54.55	0.42	5.26	93.27	0.66	40.44
0.906	20.07	54.61	0.38	5.3	88.2	0.63	40.49
0.944	20.07	54.71	0.42	5.35	96.82	0.6	40.57
0.978	20.08	54.64	0.53	5.4	101.27	0.65	40.5
1.002	20.08	54.62	0.53	5.46	96.39	0.62	40.49
1.025	20.08	54.71	0.34	5.52	89.69	0.66	40.56
1.056	20.08	54.73	0.38	5.6	99.16	0.63	40.58
1.104	20.08	54.75	0.38	5.69	98.58	0.67	40.59
1.156	20.08	54.64	0.46	5.78	99.73	0.66	40.5
1.202	20.08	54.62	0.42	5.87	94.84	0.65	40.48
1.245	20.08	54.73	0.38	5.93	99.36	0.65	40.57
1.29	20.08	54.72	0.53	5.98	99.5	0.63	40.57
1.324	20.08	54.58	0.42	6.0	97.85	0.65	40.45
1.349	20.08	54.69	0.3	5.99	98.15	0.64	40.54
1.381	20.08	54.78	0.34	5.96	100.96	0.65	40.61
1.419	20.08	54.62	0.53	5.94	97.63	0.65	40.48
1.453	20.08	54.59	0.38	5.92	99.87	0.64	40.46
1.486	20.07	54.72	0.3	5.9	100.5	0.66	40.57
1.522	20.07	54.69	0.5	5.9	97.4	0.64	40.55
1.557	20.07	54.62	0.42	5.9	98.26	0.64	40.49
1.58	20.07	54.65	0.38	5.92	98.31	0.63	40.52
1.589	20.07	54.73	0.38	5.98	98.97	0.7	40.58
1.606	20.07	54.77	0.42	6.01	98.22	0.71	40.61
1.641	20.07	54.68	0.38	6.04	98.15	0.64	40.54
1.696	20.07	54.72	0.3	6.07	97.33	0.64	40.58
1.769	20.07	54.79	0.38	6.12	100.73	0.63	40.63
1.833	20.08	54.68	0.27	6.15	100.22	0.66	40.54
1.885	20.08	54.72	0.27	6.17	96.1	0.65	40.57

1.936	20.08	54.85	0.38	6.17	96.73	0.66	40.68
1.989	20.08	54.72	0.42	6.18	100.26	0.66	40.57
2.045	20.08	54.68	0.5	6.2	101.01	0.66	40.54
2.086	20.07	54.68	0.34	6.21	99.98	0.66	40.54
2.109	20.07	54.75	0.46	6.24	98.22	0.63	40.6
2.126	20.07	54.79	0.46	6.28	100.61	0.66	40.64
2.157	20.07	54.79	0.38	6.34	102.64	0.66	40.64
2.199	20.07	54.73	0.3	6.4	103.26	0.66	40.58
2.242	20.07	54.75	0.46	6.45	102.05	0.66	40.6
2.289	20.07	54.83	0.42	6.47	103.21	0.66	40.66
2.335	20.07	54.72	0.46	6.48	105.14	0.63	40.58
2.371	20.07	54.72	0.38	6.46	106.44	0.67	40.57
2.404	20.07	54.83	0.42	6.42	107.11	0.66	40.67
2.442	20.07	54.75	0.42	6.38	107.68	0.82	40.6
2.491	20.07	54.73	0.42	6.34	108.48	0.69	40.58
2.541	20.07	54.77	0.42	6.32	109.44	0.67	40.61
2.59	20.07	54.81	0.42	6.29	113.42	0.68	40.64
2.647	20.08	54.82	0.27	6.27	114.82	0.7	40.66
2.698	20.08	54.73	0.46	6.25	112.06	0.66	40.58
2.748	20.08	54.83	0.42	6.23	114.21	0.66	40.67
2.813	20.07	54.84	0.42	6.23	117.82	0.67	40.67
2.887	20.07	54.74	0.38	6.24	119.63	0.69	40.59
2.962	20.08	54.8	0.27	6.26	121.76	0.69	40.63
3.018	20.07	54.81	0.3	6.28	122.04	0.7	40.65
3.068	20.07	54.85	0.27	6.29	124.99	0.68	40.68
3.123	20.07	54.81	0.5	6.3	127.24	0.69	40.65
3.172	20.08	54.77	0.53	6.32	128.39	0.68	40.62
3.214	20.08	54.83	0.46	6.32	130.74	0.69	40.66
3.255	20.08	54.81	0.42	6.31	130.68	0.66	40.65
3.304	20.08	54.82	0.5	6.3	132.66	0.7	40.66
3.351	20.08	54.82	0.42	6.28	134.21	0.69	40.66
3.402	20.08	54.85	0.3	6.27	137.16	0.71	40.68
3.456	20.08	54.81	0.46	6.24	139.5	0.68	40.64
3.496	20.08	54.76	0.42	6.21	137.7	0.7	40.6
3.522	20.07	54.85	0.3	6.18	138.44	0.7	40.68
3.55	20.07	54.84	0.38	6.15	140.93	0.72	40.67
3.583	20.07	54.76	0.46	6.15	143.57	0.68	40.61
3.617	20.07	54.81	0.42	6.16	143.74	0.79	40.65
3.647	20.06	54.83	0.23	6.18	143.54	0.71	40.67
3.673	20.06	54.82	0.46	6.22	145.24	0.71	40.67
3.703	20.06	54.77	0.46	6.29	147.38	0.7	40.63
3.741	20.06	54.82	0.42	6.35	148.89	0.71	40.67
3.794	20.06	54.86	0.46	6.4	150.45	0.7	40.7
3.86	20.07	54.78	0.46	6.44	150.8	0.66	40.63
3.916	20.07	54.76	0.38	6.45	154.66	0.66	40.61
3.956	20.06	54.83	0.42	6.45	156.61	0.68	40.68
3.998	20.06	54.83	0.3	6.44	158.18	0.76	40.69
4.037	20.06	54.75	0.42	6.44	157.33	0.72	40.62
4.067	20.06	54.79	0.34	6.43	158.84	0.68	40.65
4.104	20.05	54.85	0.42	6.43	163.13	0.69	40.71
4.155	20.05	54.78	0.3	6.47	165.72	0.66	40.65
4.21	20.05	54.77	0.61	6.52	167.03	0.63	40.64
4.26	20.04	54.82	0.5	6.58	167.77	0.69	40.68
4.298	20.03	54.8	0.46	6.64	169.06	0.69	40.68
4.331	20.03	54.79	0.3	6.71	170.75	0.72	40.67
4.367	20.04	54.81	0.23	6.75	172.22	0.72	40.69
4.411	20.04	54.83	0.3	6.76	174.59	0.71	40.69
4.455	20.04	54.78	0.53	6.74	176.58	0.72	40.65

4.487	20.05	54.79	0.42	6.68	178.11	0.73	40.66
4.518	20.04	54.84	0.38	6.59	180.56	0.66	40.71
4.556	20.04	54.79	0.46	6.49	180.73	0.71	40.66
4.6	20.05	54.8	0.53	6.4	182.45	0.7	40.67
4.645	20.04	54.83	0.42	6.34	183.55	0.66	40.69
4.686	20.04	54.81	0.42	6.33	185.09	0.69	40.68
4.732	20.04	54.81	0.5	6.34	188.91	0.7	40.68
4.787	20.05	54.82	0.38	6.37	189.92	0.72	40.68
4.845	20.05	54.81	0.3	6.4	192.17	0.71	40.67
4.897	20.05	54.8	0.57	6.44	194.46	0.71	40.66
4.942	20.05	54.82	0.23	6.46	195.95	0.72	40.67
4.977	20.05	54.81	0.5	6.47	196.45	0.67	40.67
5.011	20.06	54.83	0.5	6.47	197.78	0.71	40.68
5.056	20.06	54.85	0.38	6.44	200.5	0.71	40.69
5.104	20.06	54.82	0.5	6.39	201.48	0.68	40.67
5.146	20.07	54.8	0.65	6.34	204.77	0.72	40.65
5.181	20.06	54.85	0.46	6.28	207.3	0.72	40.69
5.219	20.06	54.85	0.38	6.21	207.5	0.69	40.69
5.253	20.06	54.79	0.27	6.16	205.96	0.7	40.65
5.286	20.06	54.83	0.53	6.11	208.7	0.83	40.68
5.323	20.06	54.86	0.5	6.08	213.35	0.72	40.7
5.385	20.06	54.82	0.42	6.07	222.03	0.66	40.67
5.46	20.06	54.82	0.34	6.08	219.67	0.69	40.66
5.52	20.06	54.82	0.46	6.11	221.82	0.7	40.67
5.562	20.06	54.84	0.42	6.14	225.14	0.76	40.68
5.593	20.06	54.83	0.38	6.18	228.02	0.72	40.68
5.617	20.07	54.84	0.42	6.2	235.11	0.69	40.68
5.64	20.07	54.85	0.53	6.22	226.23	0.72	40.69
5.682	20.07	54.87	0.5	6.21	232.78	0.7	40.71
5.736	20.07	54.83	0.38	6.2	239.9	0.71	40.67
5.783	20.07	54.8	0.46	6.18	241.51	0.71	40.64
5.827	20.06	54.86	0.42	6.15	247.35	0.72	40.7
5.87	20.06	54.84	0.3	6.13	225.81	0.72	40.68
5.91	20.06	54.81	0.23	6.15	232.67	0.7	40.66
5.952	20.06	54.85	0.5	6.2	235.0	0.68	40.7
6.008	20.05	54.86	0.23	6.29	252.33	0.68	40.71
6.07	20.05	54.83	0.34	6.41	231.0	0.89	40.68
6.131	20.06	54.82	0.5	6.53	219.11	0.76	40.67
6.188	20.06	54.85	0.42	6.62	228.08	0.69	40.7
6.238	20.05	54.83	0.5	6.67	221.05	0.76	40.68
6.29	20.05	54.84	0.57	6.68	222.49	0.74	40.69
6.353	20.06	54.86	0.42	6.63	224.15	0.72	40.71
6.411	20.06	54.82	0.57	6.56	220.18	0.72	40.67
6.456	20.06	54.84	0.53	6.47	208.46	0.68	40.68
6.498	20.06	54.88	0.5	6.4	212.46	0.72	40.72
6.521	20.06	54.84	0.46	6.38	208.46	0.72	40.69
6.527	20.06	54.88	0.38	6.49	201.76	0.79	40.72
6.529	20.06	54.85	0.38	6.6	201.2	0.76	40.69
6.531	20.07	54.86	0.38	6.73	215.74	0.79	40.69
6.533	20.07	54.88	0.46	6.83	217.44	0.71	40.71
6.534	20.07	54.85	0.5	6.89	218.5	0.71	40.68
6.535	20.08	54.89	0.3	6.85	219.72	0.73	40.71



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	20.03	54.52	0.23	5.14	88.22	0.5	40.45
PROF (metros)	0.714	0.714	3.789	0.714	0.743	0.743	0.714
MÁXIMO	20.08	20.08	0.69	6.8	755.94	0.84	40.73
PROF (metros)	4.744	5.179	2.297	4.269	3.65	5.49	5.527

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E12 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.04	54.62	0.45	5.2	94.36	0.54	40.52
1 - 2m	20.06	54.68	0.47	5.88	106.52	0.59	40.56
2 - 3m	20.05	54.74	0.46	6.11	140.21	0.62	40.61
3 - 4m	20.05	54.78	0.45	6.17	360.44	0.65	40.64
4 - 5m	20.07	54.83	0.4	6.39	428.75	0.7	40.67
5 - 6m	20.06	54.85	0.44	6.29	383.59	0.75	40.7

OBSERVACIONES GENERALES

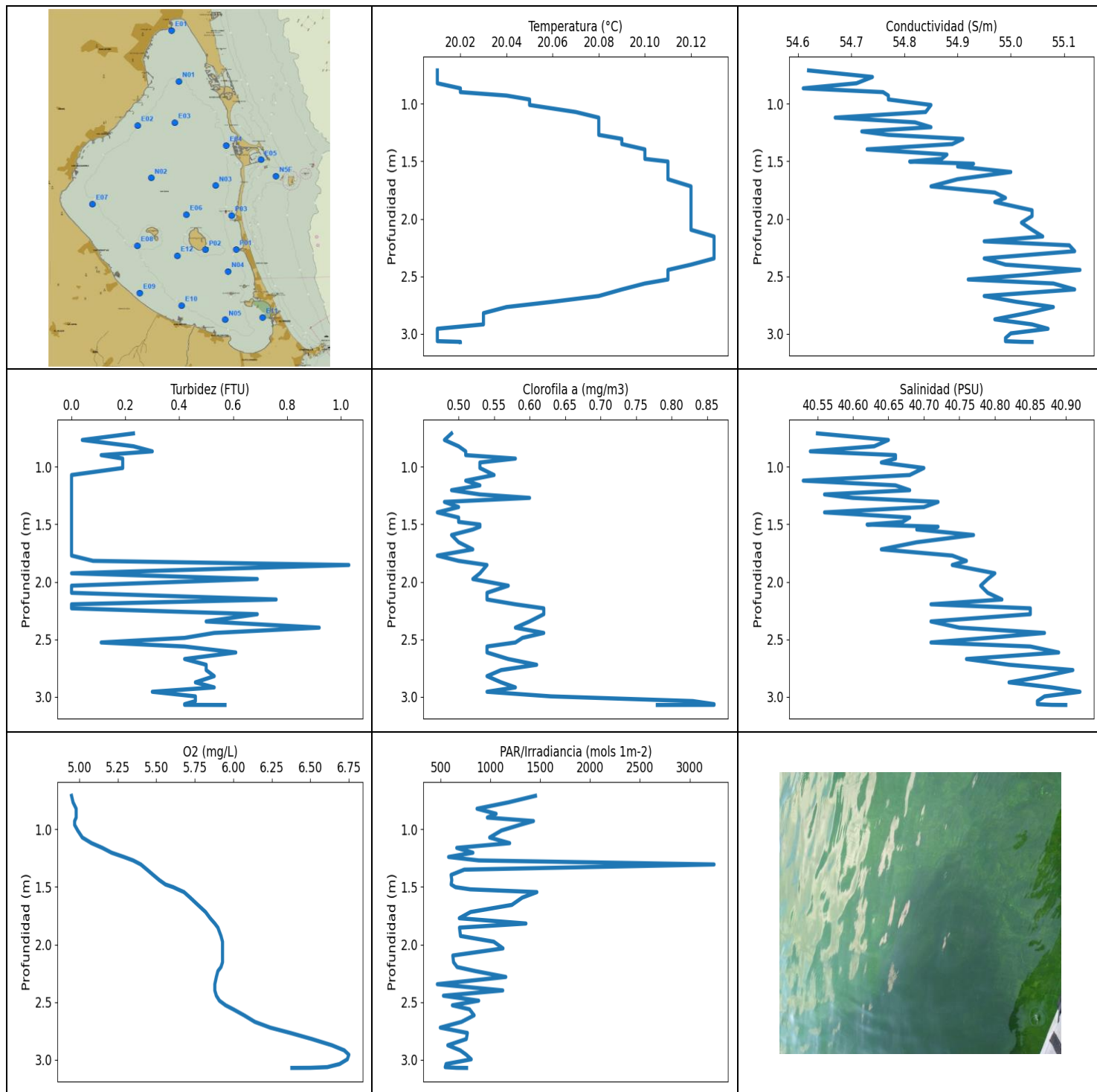
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.714	20.03	54.52	0.38	5.14	91.32	0.53	40.45
0.743	20.03	54.56	0.5	5.17	88.22	0.5	40.48
0.773	20.03	54.58	0.42	5.19	92.52	0.56	40.5
0.809	20.04	54.66	0.57	5.2	95.7	0.54	40.55
0.85	20.05	54.68	0.27	5.21	95.79	0.54	40.57
0.892	20.05	54.66	0.5	5.21	98.04	0.55	40.54
0.927	20.05	54.58	0.57	5.22	98.26	0.53	40.48
0.967	20.05	54.71	0.42	5.23	95.04	0.53	40.59
1.006	20.06	54.63	0.5	5.24	100.19	0.56	40.51
1.033	20.06	54.62	0.38	5.27	100.66	0.56	40.5
1.059	20.06	54.66	0.5	5.33	93.79	0.56	40.54
1.081	20.06	54.67	0.42	5.41	96.06	0.56	40.54
1.109	20.07	54.74	0.46	5.5	102.5	0.55	40.59
1.15	20.07	54.75	0.53	5.6	98.74	0.56	40.61
1.2	20.07	54.65	0.5	5.71	97.06	0.6	40.52
1.245	20.06	54.58	0.5	5.81	104.56	0.59	40.47
1.285	20.06	54.64	0.5	5.92	102.28	0.58	40.52
1.322	20.06	54.72	0.65	5.99	101.6	0.6	40.59
1.355	20.06	54.7	0.38	6.03	104.2	0.56	40.57
1.385	20.06	54.69	0.46	6.06	105.95	0.58	40.56
1.429	20.06	54.74	0.46	6.06	106.74	0.61	40.61
1.483	20.06	54.71	0.46	6.06	105.7	0.6	40.58
1.524	20.06	54.59	0.46	6.05	107.66	0.56	40.48
1.552	20.05	54.69	0.42	6.04	108.03	0.62	40.57
1.575	20.05	54.71	0.42	6.03	107.14	0.58	40.59
1.597	20.05	54.68	0.57	6.02	106.47	0.56	40.56
1.624	20.05	54.68	0.57	6.02	108.53	0.57	40.57
1.651	20.04	54.7	0.46	6.03	109.6	0.61	40.58
1.68	20.05	54.7	0.5	6.05	109.7	0.6	40.58
1.712	20.05	54.71	0.34	6.06	108.84	0.59	40.59
1.741	20.05	54.63	0.5	6.07	110.34	0.6	40.52
1.771	20.05	54.7	0.53	6.06	112.14	0.63	40.58
1.805	20.06	54.74	0.46	6.05	112.58	0.59	40.6
1.836	20.06	54.64	0.5	6.04	112.71	0.63	40.52
1.863	20.06	54.66	0.34	6.01	113.32	0.62	40.54
1.896	20.06	54.74	0.42	6.0	115.25	0.59	40.61

1.939	20.06	54.74	0.46	5.97	116.54	0.59	40.6
1.979	20.06	54.62	0.34	5.95	116.73	0.64	40.5
2.011	20.06	54.68	0.42	5.94	117.38	0.58	40.56
2.041	20.06	54.79	0.5	5.94	119.35	0.67	40.65
2.075	20.05	54.75	0.42	5.94	121.96	0.6	40.62
2.11	20.05	54.65	0.42	5.95	122.24	0.59	40.53
2.134	20.05	54.66	0.46	5.99	121.03	0.6	40.54
2.152	20.05	54.77	0.53	6.0	123.01	0.63	40.64
2.174	20.05	54.74	0.46	6.02	125.48	0.58	40.61
2.209	20.05	54.71	0.5	6.04	127.74	0.61	40.58
2.255	20.05	54.74	0.53	6.06	129.29	0.61	40.61
2.297	20.05	54.67	0.69	6.08	132.84	0.61	40.55
2.324	20.06	54.71	0.42	6.1	132.97	0.63	40.58
2.346	20.06	54.77	0.61	6.1	131.53	0.58	40.63
2.37	20.06	54.77	0.53	6.1	133.43	0.58	40.63
2.403	20.06	54.78	0.5	6.11	133.09	0.63	40.64
2.433	20.06	54.74	0.34	6.13	133.99	0.58	40.61
2.453	20.05	54.71	0.46	6.14	133.9	0.58	40.58
2.466	20.05	54.77	0.5	6.15	134.8	0.61	40.63
2.488	20.05	54.84	0.38	6.14	136.46	0.61	40.69
2.523	20.05	54.69	0.61	6.13	137.42	0.57	40.56
2.558	20.05	54.68	0.3	6.12	138.92	0.58	40.56
2.597	20.04	54.81	0.42	6.11	141.1	0.62	40.68
2.635	20.04	54.71	0.38	6.09	144.87	0.61	40.6
2.675	20.04	54.71	0.38	6.09	146.9	0.63	40.6
2.713	20.04	54.75	0.5	6.1	147.48	0.6	40.63
2.744	20.04	54.72	0.42	6.14	151.29	0.66	40.61
2.772	20.04	54.76	0.42	6.18	155.92	0.63	40.64
2.808	20.04	54.74	0.57	6.24	159.76	0.63	40.62
2.848	20.04	54.76	0.5	6.28	162.03	0.67	40.64
2.889	20.04	54.75	0.46	6.32	165.3	0.69	40.63
2.922	20.04	54.78	0.38	6.33	169.53	0.66	40.65
2.951	20.05	54.8	0.3	6.32	175.16	0.61	40.67
2.986	20.05	54.79	0.42	6.29	180.56	0.66	40.66
3.022	20.05	54.71	0.5	6.24	184.96	0.63	40.59
3.058	20.05	54.79	0.53	6.2	193.07	0.64	40.65
3.104	20.05	54.85	0.5	6.14	201.15	0.64	40.7
3.148	20.05	54.74	0.38	6.1	211.58	0.67	40.61
3.186	20.05	54.74	0.53	6.07	223.89	0.64	40.61
3.215	20.04	54.79	0.46	6.05	222.7	0.61	40.66
3.243	20.04	54.72	0.42	6.05	232.29	0.62	40.61
3.275	20.04	54.76	0.46	6.05	243.88	0.66	40.64
3.309	20.04	54.78	0.42	6.08	266.15	0.64	40.65
3.345	20.05	54.76	0.34	6.12	279.36	0.62	40.64
3.387	20.05	54.78	0.57	6.16	329.48	0.67	40.65
3.431	20.05	54.77	0.34	6.2	410.82	0.66	40.64
3.473	20.05	54.74	0.57	6.23	362.32	0.61	40.62
3.512	20.05	54.81	0.46	6.24	360.73	0.66	40.68
3.548	20.05	54.79	0.46	6.24	406.37	0.66	40.66
3.579	20.05	54.74	0.46	6.22	388.77	0.64	40.61
3.608	20.06	54.81	0.5	6.19	372.89	0.63	40.67
3.65	20.06	54.84	0.42	6.16	755.94	0.63	40.69
3.703	20.06	54.73	0.5	6.13	359.81	0.65	40.59
3.745	20.06	54.76	0.46	6.12	577.33	0.63	40.62
3.789	20.05	54.86	0.23	6.12	538.8	0.68	40.71
3.831	20.05	54.77	0.3	6.15	406.09	0.7	40.64
3.89	20.05	54.78	0.5	6.21	398.35	0.65	40.64
3.95	20.05	54.8	0.57	6.28	686.62	0.71	40.67

3.996	20.05	54.77	0.46	6.37	397.61	0.7	40.64
4.044	20.05	54.84	0.46	6.48	415.51	0.63	40.69
4.098	20.06	54.8	0.3	6.59	535.68	0.65	40.66
4.158	20.06	54.79	0.38	6.68	501.44	0.65	40.64
4.215	20.06	54.82	0.42	6.75	380.92	0.66	40.66
4.269	20.06	54.8	0.5	6.8	428.22	0.69	40.65
4.308	20.06	54.82	0.57	6.8	433.42	0.66	40.67
4.338	20.06	54.83	0.38	6.76	391.49	0.71	40.67
4.371	20.06	54.86	0.3	6.71	425.45	0.72	40.7
4.416	20.07	54.84	0.3	6.62	400.67	0.7	40.67
4.469	20.07	54.79	0.27	6.52	380.31	0.71	40.63
4.525	20.07	54.86	0.3	6.42	548.12	0.69	40.69
4.581	20.07	54.84	0.46	6.31	397.89	0.69	40.68
4.645	20.07	54.81	0.34	6.22	489.04	0.7	40.65
4.703	20.07	54.82	0.42	6.15	377.23	0.72	40.65
4.744	20.08	54.82	0.5	6.09	419.97	0.71	40.65
4.78	20.08	54.88	0.42	6.03	372.89	0.72	40.7
4.816	20.08	54.84	0.46	5.99	444.92	0.76	40.66
4.859	20.08	54.87	0.38	5.95	417.06	0.72	40.69
4.914	20.08	54.88	0.38	5.93	423.98	0.72	40.7
4.973	20.08	54.82	0.53	5.92	390.85	0.69	40.65
5.03	20.08	54.86	0.46	5.92	369.87	0.74	40.69
5.077	20.08	54.85	0.38	5.94	522.2	0.76	40.67
5.121	20.08	54.87	0.57	5.96	351.57	0.83	40.7
5.179	20.08	54.89	0.46	5.99	392.49	0.7	40.71
5.238	20.08	54.81	0.46	6.03	368.08	0.76	40.64
5.295	20.08	54.88	0.38	6.08	405.52	0.71	40.7
5.343	20.07	54.86	0.5	6.14	421.92	0.68	40.69
5.361	20.06	54.82	0.23	6.38	400.48	0.72	40.67
5.365	20.06	54.85	0.5	6.44	383.14	0.75	40.7
5.373	20.05	54.86	0.46	6.48	399.09	0.72	40.71
5.399	20.05	54.86	0.53	6.51	353.53	0.76	40.71
5.449	20.05	54.86	0.46	6.52	379.34	0.8	40.72
5.49	20.05	54.81	0.3	6.52	353.61	0.84	40.67
5.527	20.05	54.88	0.38	6.49	352.96	0.73	40.73
5.577	20.05	54.88	0.46	6.44	347.84	0.8	40.73
5.625	20.05	54.82	0.38	6.4	376.8	0.76	40.68
5.676	20.05	54.87	0.38	6.36	361.74	0.75	40.72
5.723	20.04	54.87	0.57	6.35	369.96	0.74	40.73
5.763	20.04	54.84	0.46	6.36	398.26	0.76	40.7
5.783	20.05	54.83	0.46	6.39	340.82	0.73	40.69
5.787	20.04	54.87	0.5	6.42	406.09	0.76	40.73



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	20.01	54.61	0.0	4.95	468.19	0.47	40.53
PROF (metros)	0.709	0.865	1.071	0.709	2.345	1.396	1.12
MÁXIMO	20.13	20.13	1.03	6.75	3245.1	0.86	40.92
PROF (metros)	2.096	2.445	1.854	2.957	1.305	3.065	2.957

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	20.02	54.71	0.19	4.97	1179.35	0.51	40.62
1 - 2m	20.1	54.96	0.5	5.67	1048.61	0.52	40.75
2 - 3m	20.08	55.03	0.51	6.21	741.96	0.58	40.83
3 - 4m	20.02	55.01	0.47	6.55	632.0	0.83	40.87

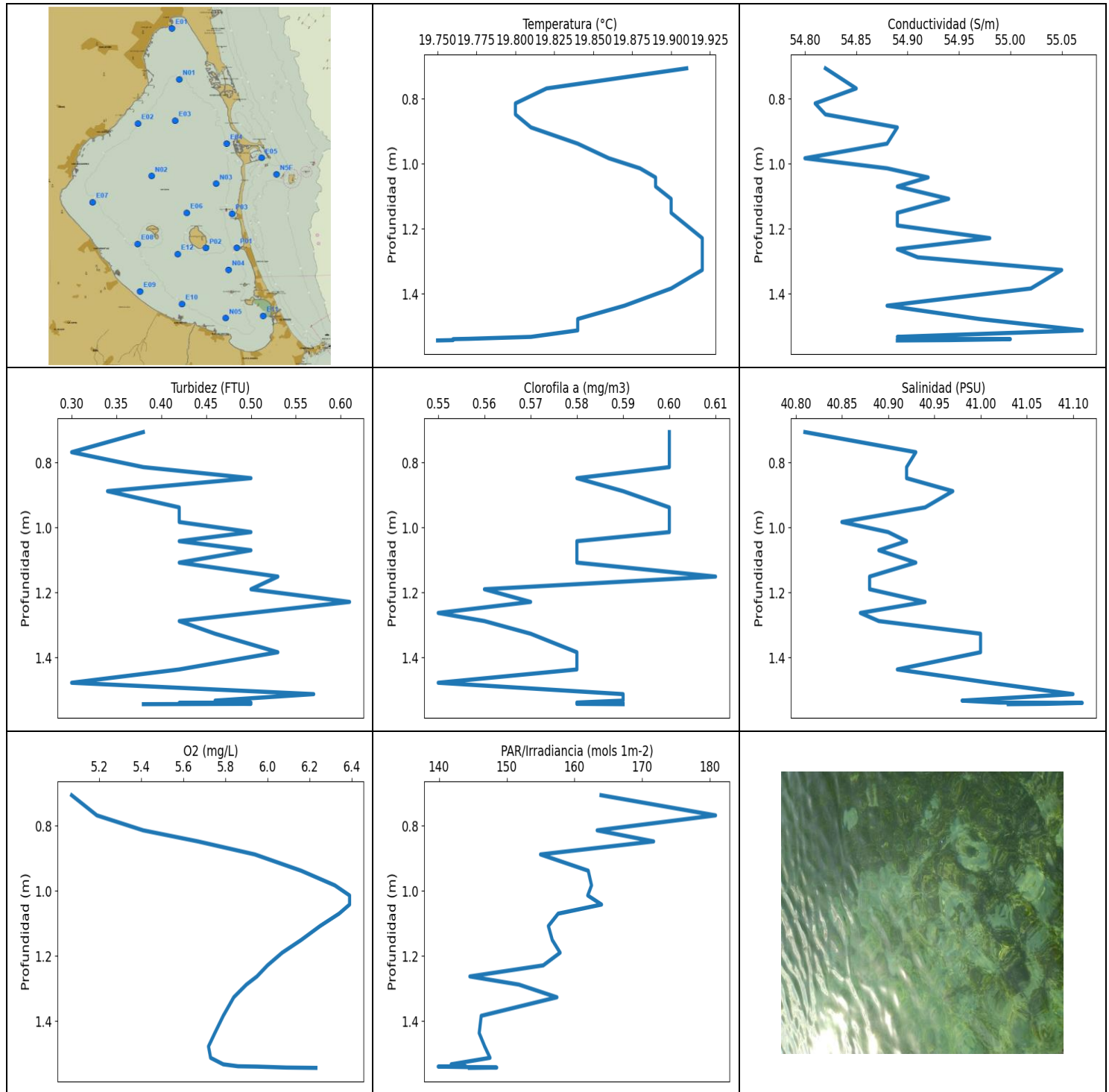
OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.709	20.01	54.62	0.23	4.95	1452.9	0.49	40.55
0.766	20.01	54.74	0.04	4.96	1180.7	0.48	40.65
0.821	20.01	54.71	0.23	4.98	866.51	0.5	40.63
0.865	20.02	54.61	0.3	4.98	1058.1	0.51	40.54
0.898	20.02	54.76	0.11	4.98	969.83	0.51	40.66
0.928	20.04	54.77	0.19	4.97	1433.2	0.58	40.66
0.962	20.05	54.77	0.19	4.97	1294.2	0.53	40.64
1.01	20.05	54.85	0.19	4.99	1112.2	0.53	40.7
1.071	20.07	54.84	0.0	5.02	993.26	0.55	40.68
1.12	20.08	54.67	0.0	5.08	1194.2	0.51	40.53
1.161	20.08	54.82	0.0	5.15	662.85	0.53	40.66
1.203	20.08	54.85	0.0	5.21	825.35	0.49	40.68
1.24	20.08	54.72	0.0	5.29	580.95	0.53	40.56
1.27	20.08	54.77	0.0	5.35	883.96	0.6	40.6
1.305	20.09	54.91	0.0	5.4	3245.1	0.48	40.72
1.35	20.09	54.89	0.0	5.44	738.28	0.5	40.7
1.396	20.1	54.73	0.0	5.48	606.26	0.47	40.56
1.441	20.1	54.88	0.0	5.52	613.19	0.5	40.68
1.479	20.1	54.87	0.0	5.56	606.96	0.5	40.67
1.502	20.11	54.81	0.0	5.61	650.07	0.53	40.62
1.521	20.11	54.93	0.0	5.64	797.52	0.53	40.72
1.545	20.11	54.9	0.0	5.68	1467.1	0.52	40.69
1.593	20.11	55.0	0.0	5.72	1320.3	0.49	40.77
1.656	20.11	54.9	0.0	5.77	1216.0	0.5	40.69
1.718	20.12	54.85	0.0	5.82	802.15	0.52	40.64
1.772	20.12	54.97	0.0	5.85	688.53	0.47	40.74
1.818	20.12	54.99	0.08	5.88	1357.2	0.5	40.76
1.854	20.12	54.97	1.03	5.9	690.45	0.54	40.74
1.926	20.12	55.04	0.0	5.92	700.76	0.53	40.8
1.976	20.12	55.04	0.69	5.93	1034.6	0.52	40.79
2.034	20.12	55.02	0.0	5.93	1127.0	0.57	40.78
2.096	20.12	55.04	0.0	5.93	623.36	0.54	40.79
2.154	20.13	55.06	0.76	5.93	631.06	0.54	40.81
2.196	20.13	54.95	0.0	5.92	667.01	0.58	40.71
2.231	20.13	55.11	0.0	5.9	848.82	0.62	40.85
2.282	20.13	55.12	0.69	5.89	1155.3	0.62	40.85
2.345	20.13	54.95	0.5	5.88	468.19	0.6	40.71
2.399	20.12	54.99	0.92	5.88	1124.6	0.58	40.75

2.445	20.11	55.13	0.53	5.89	529.27	0.62	40.87
2.488	20.11	55.03	0.42	5.91	883.34	0.59	40.79
2.528	20.11	54.92	0.11	5.95	619.04	0.58	40.71
2.563	20.1	55.08	0.42	6.0	790.89	0.54	40.85
2.615	20.09	55.12	0.61	6.07	837.29	0.54	40.89
2.672	20.08	54.95	0.42	6.14	710.41	0.57	40.76
2.722	20.06	55.01	0.5	6.24	497.74	0.61	40.82
2.768	20.04	55.08	0.5	6.37	769.73	0.56	40.91
2.821	20.03	55.03	0.53	6.51	758.92	0.54	40.87
2.875	20.03	54.97	0.46	6.64	573.06	0.56	40.82
2.919	20.03	55.04	0.53	6.72	697.52	0.58	40.88
2.957	20.01	55.07	0.3	6.75	758.57	0.54	40.92
2.997	20.01	55.0	0.46	6.74	808.31	0.63	40.87
3.038	20.01	54.99	0.46	6.69	556.18	0.83	40.86
3.065	20.01	54.99	0.42	6.61	547.23	0.86	40.86
3.071	20.02	55.02	0.42	6.5	662.85	0.86	40.88
3.072	20.02	55.04	0.57	6.38	761.74	0.78	40.9



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	19.75	54.8	0.31	5.07	139.86	0.55	40.81
PROF (metros)	1.544	0.983	0.768	0.706	1.54	1.263	0.706
MÁXIMO	19.92	19.92	0.61	6.39	180.85	0.61	41.11
PROF (metros)	1.229	1.513	1.229	1.014	0.768	1.151	1.54

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

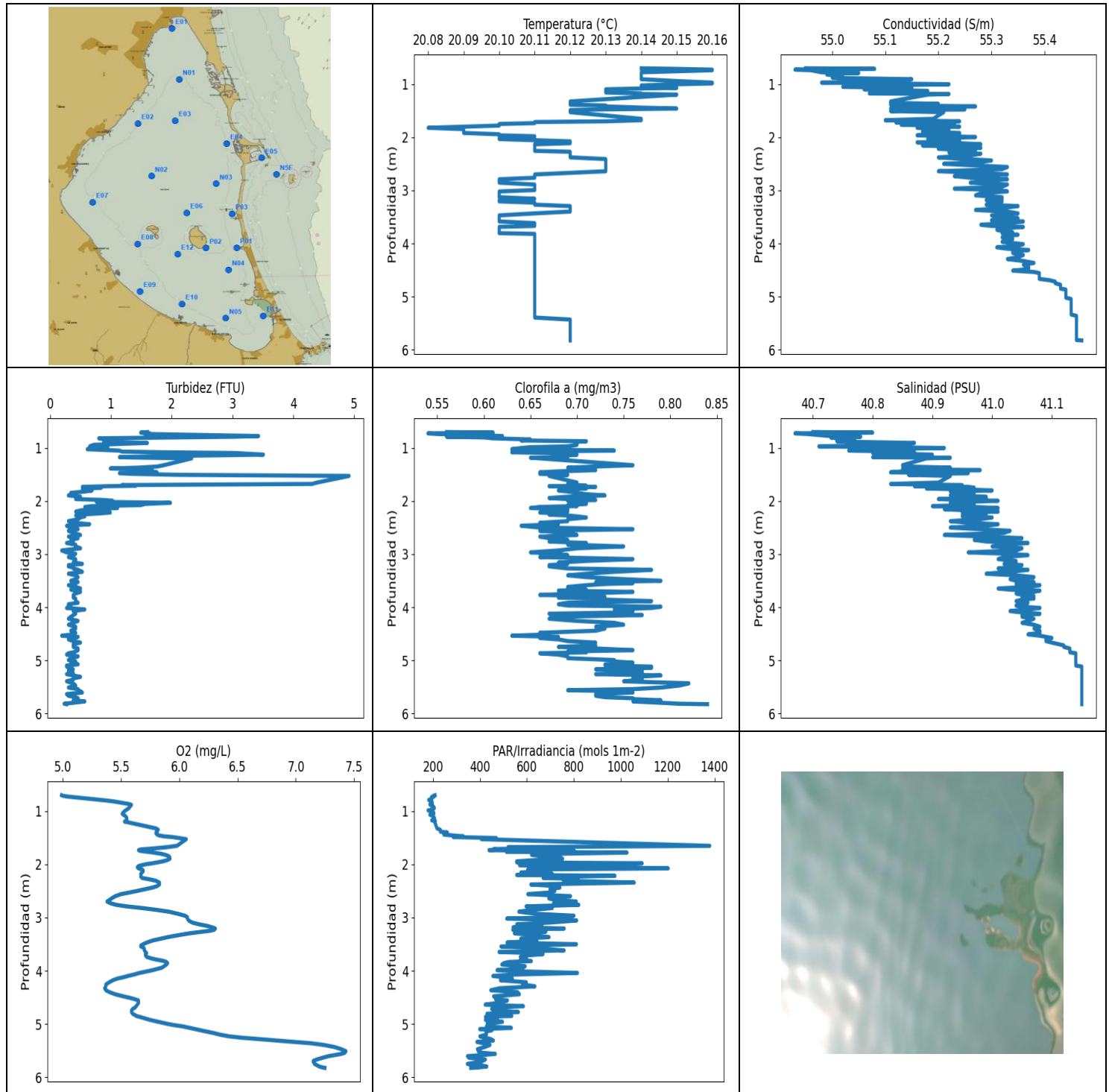
CTD P01 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.83	54.84	0.39	5.68	165.62	0.6	40.91
1 - 2m	19.86	54.94	0.47	6.01	150.96	0.58	40.96

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	19.91	54.82	0.38	5.07	163.92	0.6	40.81
0.768	19.82	54.85	0.3	5.19	180.85	0.6	40.93
0.814	19.8	54.81	0.38	5.41	163.35	0.6	40.92
0.848	19.8	54.82	0.5	5.67	171.7	0.58	40.92
0.888	19.81	54.89	0.34	5.94	154.98	0.59	40.97
0.938	19.84	54.88	0.42	6.16	162.03	0.6	40.94
0.983	19.86	54.8	0.42	6.32	162.52	0.6	40.85
1.014	19.88	54.88	0.5	6.39	161.96	0.6	40.9
1.042	19.89	54.92	0.42	6.39	164.0	0.58	40.92
1.07	19.89	54.89	0.5	6.34	157.59	0.58	40.89
1.108	19.9	54.94	0.42	6.25	156.14	0.58	40.93
1.151	19.9	54.89	0.53	6.16	156.72	0.61	40.88
1.19	19.91	54.89	0.5	6.07	157.88	0.56	40.88
1.229	19.92	54.98	0.61	6.0	155.38	0.57	40.94
1.263	19.92	54.89	0.5	5.95	144.54	0.55	40.87
1.288	19.92	54.91	0.42	5.9	151.78	0.56	40.89
1.327	19.92	55.05	0.46	5.84	157.41	0.57	41.0
1.384	19.9	55.02	0.53	5.79	146.22	0.58	41.0
1.437	19.87	54.88	0.42	5.75	145.92	0.58	40.91
1.478	19.84	54.97	0.3	5.72	146.73	0.55	41.01
1.513	19.84	55.07	0.57	5.73	147.52	0.59	41.1
1.533	19.81	54.89	0.46	5.79	141.78	0.59	40.98
1.539	19.77	54.9	0.5	5.86	143.9	0.58	41.02
1.54	19.76	55.0	0.42	5.95	139.86	0.58	41.11
1.543	19.76	54.94	0.5	6.09	148.51	0.58	41.07
1.544	19.75	54.89	0.38	6.23	144.47	0.59	41.03



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	20.08	54.93	0.19	4.99	178.56	0.54	40.67
PROF (metros)	1.821	0.726	2.93	0.701	0.986	0.726	0.726
MÁXIMO	20.16	20.16	4.92	7.43	1379.1	0.84	41.15
PROF (metros)	0.726	5.824	1.527	5.511	1.652	5.824	5.116

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N04 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.14	55.02	1.45	5.38	194.44	0.63	40.76
1 - 2m	20.12	55.17	1.46	5.75	460.68	0.69	40.9
2 - 3m	20.12	55.26	0.58	5.68	730.8	0.69	40.98
3 - 4m	20.11	55.32	0.4	5.9	604.29	0.71	41.04
4 - 5m	20.11	55.39	0.38	5.58	508.88	0.71	41.09
5 - 6m	20.11	55.46	0.38	6.89	413.82	0.76	41.15

OBSERVACIONES GENERALES

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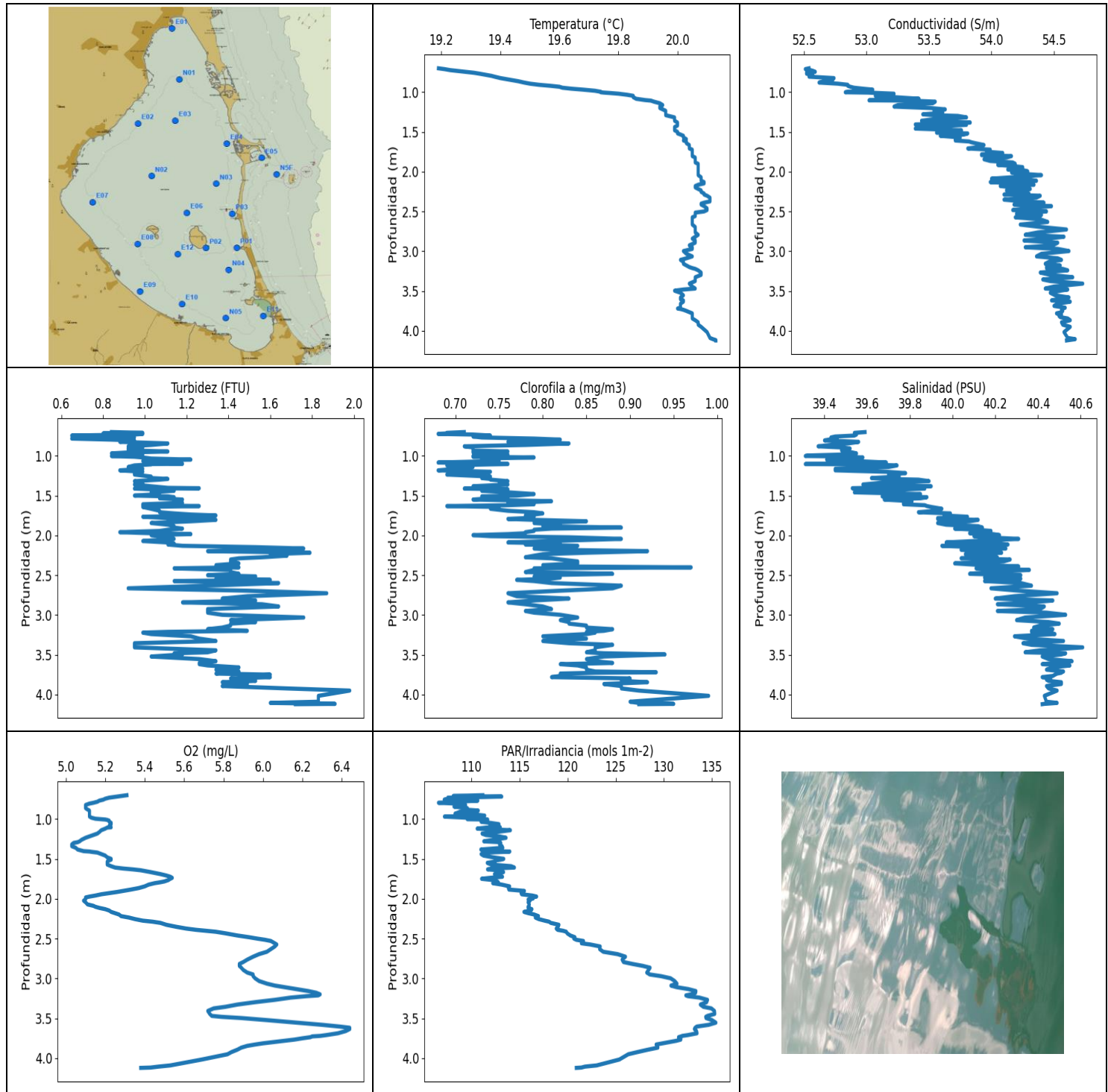
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	20.14	54.95	1.6	4.99	208.46	0.56	40.7
0.712	20.15	55.08	1.49	5.0	201.01	0.61	40.8
0.726	20.16	54.93	1.64	5.04	204.82	0.54	40.67
0.737	20.16	54.96	1.56	5.09	192.89	0.55	40.69
0.776	20.14	54.98	3.43	5.27	194.96	0.62	40.73
0.789	20.14	55.05	3.01	5.32	181.35	0.56	40.78
0.802	20.14	54.99	2.06	5.38	185.74	0.6	40.73
0.819	20.14	54.99	0.8	5.44	193.56	0.61	40.74
0.84	20.14	55.02	0.92	5.5	196.77	0.65	40.77
0.859	20.14	55.02	0.88	5.55	195.95	0.64	40.76
0.874	20.14	55.0	0.88	5.58	186.21	0.71	40.74
0.884	20.14	55.01	0.95	5.59	188.51	0.7	40.76
0.906	20.14	55.15	1.6	5.58	200.27	0.7	40.87
0.941	20.15	55.13	0.72	5.57	205.53	0.7	40.85
0.97	20.16	54.98	0.65	5.55	196.41	0.69	40.71
0.986	20.16	55.11	0.95	5.54	178.56	0.65	40.82
1.001	20.15	55.22	0.72	5.53	190.05	0.64	40.92
1.024	20.14	55.08	0.61	5.52	202.65	0.63	40.81
1.05	20.14	55.02	1.14	5.51	203.21	0.74	40.76
1.069	20.15	55.15	1.18	5.52	186.38	0.64	40.86
1.081	20.14	55.14	1.83	5.53	199.67	0.63	40.87
1.096	20.13	55.06	3.05	5.54	197.69	0.67	40.8
1.126	20.13	55.18	3.51	5.55	205.96	0.7	40.9
1.156	20.13	55.08	1.72	5.55	200.31	0.68	40.81
1.174	20.14	55.07	1.14	5.55	194.05	0.69	40.8
1.184	20.14	55.22	1.6	5.54	210.01	0.65	40.93
1.196	20.15	55.18	2.33	5.53	206.49	0.66	40.89
1.325	20.12	55.11	1.87	5.8	216.74	0.76	40.85
1.35	20.12	55.11	1.76	5.82	230.74	0.72	40.86
1.371	20.12	55.2	1.45	5.81	232.51	0.69	40.93
1.387	20.12	55.11	0.99	5.81	231.06	0.71	40.85
1.401	20.13	55.14	1.68	5.8	260.89	0.71	40.87
1.418	20.13	55.27	1.68	5.8	245.69	0.72	40.98
1.441	20.14	55.12	1.45	5.81	246.26	0.68	40.85
1.459	20.15	55.11	1.76	5.83	287.83	0.66	40.83
1.474	20.13	55.25	1.14	5.87	329.33	0.67	40.96

1.487	20.12	55.17	1.34	5.94	285.84	0.66	40.91
1.506	20.12	55.11	2.1	6.0	469.93	0.69	40.86
1.527	20.12	55.21	4.92	6.06	405.43	0.67	40.93
1.652	20.14	55.19	4.39	5.98	1379.1	0.7	40.91
1.678	20.14	55.1	4.31	5.89	519.18	0.69	40.83
1.699	20.13	55.24	1.18	5.79	724.71	0.69	40.95
1.712	20.11	55.21	1.41	5.72	458.63	0.71	40.95
1.72	20.11	55.12	0.95	5.67	475.85	0.67	40.87
1.733	20.11	55.22	0.53	5.65	438.27	0.72	40.96
1.749	20.1	55.23	0.84	5.67	802.71	0.69	40.97
1.764	20.1	55.13	0.61	5.73	512.13	0.71	40.89
1.779	20.1	55.2	0.53	5.78	1026.5	0.69	40.95
1.8	20.09	55.24	0.69	5.84	742.74	0.68	41.0
1.821	20.08	55.16	0.57	5.88	619.76	0.69	40.93
1.846	20.09	55.2	0.34	5.91	665.62	0.7	40.96
1.871	20.09	55.22	0.38	5.92	741.36	0.71	40.97
1.894	20.09	55.17	0.3	5.92	751.92	0.73	40.93
1.918	20.09	55.24	0.5	5.9	639.6	0.69	40.99
1.943	20.1	55.24	0.42	5.86	556.05	0.67	40.99
1.963	20.1	55.16	0.42	5.81	556.44	0.69	40.91
1.98	20.11	55.22	0.88	5.77	1091.0	0.72	40.96
1.995	20.11	55.27	1.03	5.72	1008.3	0.69	41.01
2.014	20.1	55.22	0.76	5.68	568.03	0.7	40.96
2.033	20.1	55.18	1.98	5.65	847.45	0.71	40.93
2.054	20.11	55.24	1.56	5.64	919.91	0.71	40.97
2.076	20.12	55.24	1.49	5.65	1202.0	0.69	40.96
2.095	20.12	55.16	0.69	5.68	603.04	0.7	40.9
2.111	20.12	55.24	0.57	5.69	610.07	0.66	40.97
2.131	20.11	55.28	1.11	5.69	647.36	0.65	41.01
2.153	20.11	55.17	0.69	5.68	573.99	0.69	40.92
2.176	20.11	55.23	0.5	5.67	707.95	0.69	40.96
2.199	20.11	55.28	0.42	5.67	556.44	0.69	41.01
2.216	20.11	55.2	0.99	5.67	975.24	0.66	40.95
2.233	20.11	55.23	0.8	5.67	742.74	0.68	40.96
2.255	20.11	55.27	0.5	5.68	668.87	0.67	40.99
2.272	20.12	55.22	0.42	5.72	817.73	0.69	40.95
2.288	20.12	55.22	0.57	5.76	753.14	0.7	40.95
2.309	20.12	55.28	0.5	5.8	772.95	0.71	41.0
2.342	20.12	55.26	0.46	5.83	1057.2	0.69	40.98
2.378	20.12	55.2	0.3	5.83	616.75	0.69	40.93
2.409	20.13	55.25	0.38	5.81	726.73	0.66	40.96
2.436	20.13	55.3	0.65	5.77	740.51	0.68	41.01
2.465	20.13	55.28	0.27	5.71	697.85	0.64	40.99
2.499	20.13	55.21	0.34	5.64	718.86	0.66	40.93
2.53	20.13	55.27	0.46	5.57	695.1	0.76	40.98
2.559	20.13	55.33	0.3	5.5	603.74	0.66	41.03
2.599	20.13	55.32	0.38	5.45	785.77	0.69	41.02
2.639	20.13	55.2	0.5	5.42	693.01	0.7	40.92
2.669	20.12	55.28	0.3	5.4	719.36	0.66	40.99
2.699	20.11	55.33	0.46	5.38	810.56	0.67	41.05
2.731	20.11	55.23	0.34	5.41	713.22	0.69	40.97
2.761	20.11	55.26	0.38	5.46	820.77	0.67	40.99
2.79	20.1	55.33	0.27	5.55	596.37	0.71	41.06
2.821	20.1	55.29	0.42	5.68	707.95	0.69	41.02
2.854	20.1	55.26	0.42	5.8	626.55	0.75	41.0
2.889	20.11	55.33	0.5	5.91	565.67	0.7	41.05
2.93	20.11	55.32	0.19	5.99	643.02	0.68	41.04
2.966	20.11	55.23	0.27	6.05	800.29	0.65	40.96

2.993	20.11	55.31	0.42	6.07	733.5	0.68	41.03
3.019	20.1	55.33	0.38	6.07	514.03	0.69	41.06
3.054	20.1	55.28	0.3	6.08	811.88	0.66	41.02
3.093	20.1	55.27	0.42	6.11	699.47	0.76	41.01
3.127	20.1	55.32	0.42	6.17	556.31	0.71	41.04
3.157	20.11	55.32	0.38	6.24	664.23	0.68	41.04
3.182	20.1	55.29	0.53	6.28	541.17	0.69	41.02
3.206	20.1	55.32	0.3	6.31	758.92	0.67	41.05
3.23	20.11	55.31	0.3	6.3	539.92	0.67	41.04
3.249	20.11	55.31	0.38	6.26	611.2	0.68	41.03
3.268	20.11	55.29	0.38	6.19	680.44	0.69	41.01
3.295	20.12	55.35	0.46	6.09	546.47	0.78	41.06
3.332	20.12	55.32	0.53	5.99	628.87	0.74	41.03
3.368	20.12	55.27	0.3	5.9	694.14	0.71	40.99
3.398	20.12	55.33	0.42	5.84	573.72	0.69	41.04
3.432	20.11	55.35	0.46	5.77	642.43	0.71	41.07
3.47	20.1	55.3	0.42	5.72	515.23	0.75	41.03
3.501	20.1	55.31	0.34	5.69	810.94	0.79	41.04
3.525	20.1	55.35	0.46	5.67	619.9	0.72	41.07
3.544	20.1	55.32	0.38	5.67	489.27	0.76	41.05
3.561	20.1	55.3	0.42	5.69	609.08	0.73	41.04
3.584	20.1	55.36	0.3	5.7	651.12	0.71	41.08
3.616	20.11	55.33	0.42	5.7	758.57	0.69	41.06
3.646	20.11	55.28	0.5	5.71	481.17	0.69	41.01
3.668	20.11	55.3	0.34	5.72	631.21	0.71	41.03
3.686	20.1	55.36	0.42	5.71	668.56	0.68	41.08
3.71	20.1	55.33	0.5	5.71	604.72	0.76	41.07
3.739	20.1	55.31	0.42	5.72	571.86	0.71	41.04
3.767	20.1	55.32	0.38	5.76	577.59	0.66	41.05
3.788	20.1	55.34	0.38	5.8	600.25	0.72	41.07
3.804	20.1	55.32	0.38	5.84	570.41	0.73	41.05
3.818	20.11	55.33	0.38	5.87	618.61	0.68	41.05
3.835	20.11	55.35	0.42	5.89	522.68	0.73	41.07
3.856	20.11	55.33	0.42	5.9	501.67	0.73	41.05
3.883	20.11	55.32	0.42	5.89	492.91	0.78	41.04
3.914	20.11	55.34	0.46	5.87	592.37	0.69	41.06
3.942	20.11	55.33	0.3	5.85	582.43	0.68	41.05
3.966	20.11	55.32	0.3	5.81	556.44	0.69	41.04
3.989	20.11	55.34	0.34	5.77	472.66	0.79	41.05
4.012	20.11	55.36	0.27	5.72	584.33	0.78	41.08
4.04	20.11	55.35	0.57	5.66	815.27	0.74	41.06
4.071	20.11	55.31	0.38	5.61	545.33	0.76	41.03
4.097	20.11	55.33	0.42	5.56	454.82	0.75	41.05
4.121	20.11	55.37	0.42	5.52	498.66	0.67	41.08
4.146	20.11	55.34	0.38	5.47	537.92	0.77	41.05
4.178	20.11	55.34	0.34	5.43	487.23	0.68	41.05
4.215	20.11	55.36	0.3	5.4	597.2	0.67	41.07
4.256	20.11	55.35	0.46	5.37	580.95	0.7	41.06
4.292	20.11	55.33	0.38	5.37	634.14	0.74	41.05
4.328	20.11	55.36	0.3	5.36	483.3	0.75	41.07
4.365	20.11	55.38	0.42	5.37	445.95	0.72	41.08
4.4	20.11	55.36	0.42	5.4	559.93	0.73	41.07
4.441	20.11	55.37	0.34	5.45	567.77	0.72	41.08
4.48	20.11	55.37	0.42	5.52	458.0	0.66	41.08
4.51	20.11	55.34	0.38	5.58	467.22	0.67	41.06
4.535	20.11	55.38	0.19	5.62	466.46	0.63	41.08
4.556	20.11	55.39	0.46	5.65	517.02	0.68	41.09
4.578	20.11	55.39	0.38	5.65	497.04	0.66	41.1

4.604	20.11	55.39	0.3	5.65	474.31	0.68	41.09
4.636	20.11	55.39	0.38	5.64	422.11	0.69	41.09
4.665	20.11	55.39	0.5	5.63	585.0	0.72	41.1
4.691	20.11	55.41	0.38	5.62	471.13	0.71	41.11
4.717	20.11	55.42	0.38	5.6	449.69	0.72	41.12
4.746	20.11	55.42	0.38	5.59	465.27	0.68	41.12
4.775	20.11	55.43	0.46	5.59	563.84	0.72	41.13
4.807	20.11	55.43	0.46	5.6	429.72	0.76	41.13
4.831	20.11	55.43	0.42	5.62	459.38	0.69	41.13
4.848	20.11	55.43	0.38	5.63	535.31	0.71	41.13
4.865	20.11	55.44	0.3	5.66	423.29	0.66	41.14
4.891	20.11	55.44	0.27	5.7	474.64	0.68	41.14
4.923	20.11	55.44	0.46	5.75	423.0	0.69	41.14
4.958	20.11	55.44	0.34	5.82	495.78	0.69	41.14
4.993	20.11	55.44	0.3	5.89	430.81	0.74	41.14
5.019	20.11	55.44	0.42	5.95	453.45	0.74	41.14
5.044	20.11	55.45	0.34	6.03	427.13	0.76	41.14
5.073	20.11	55.45	0.46	6.09	533.58	0.73	41.14
5.096	20.11	55.45	0.27	6.14	398.72	0.73	41.14
5.116	20.11	55.45	0.27	6.18	451.25	0.78	41.15
5.14	20.11	55.45	0.3	6.23	426.05	0.78	41.15
5.167	20.11	55.45	0.38	6.29	426.05	0.72	41.15
5.2	20.11	55.45	0.3	6.35	427.33	0.77	41.15
5.232	20.11	55.45	0.38	6.43	399.55	0.77	41.15
5.258	20.11	55.45	0.27	6.54	420.26	0.72	41.15
5.282	20.11	55.45	0.38	6.68	445.85	0.79	41.15
5.311	20.11	55.45	0.5	6.84	457.15	0.76	41.15
5.337	20.11	55.45	0.38	6.99	386.71	0.76	41.15
5.361	20.11	55.46	0.38	7.13	414.07	0.77	41.15
5.393	20.11	55.46	0.27	7.24	442.35	0.75	41.15
5.431	20.12	55.46	0.38	7.33	420.45	0.82	41.15
5.472	20.12	55.46	0.42	7.39	389.22	0.81	41.15
5.511	20.12	55.46	0.3	7.43	393.31	0.79	41.15
5.54	20.12	55.46	0.46	7.42	409.59	0.76	41.15
5.561	20.12	55.46	0.46	7.39	465.06	0.69	41.15
5.58	20.12	55.46	0.5	7.34	416.77	0.75	41.15
5.604	20.12	55.46	0.53	7.28	346.55	0.76	41.15
5.634	20.12	55.46	0.27	7.23	352.88	0.72	41.15
5.666	20.12	55.46	0.3	7.18	422.9	0.72	41.15
5.692	20.12	55.46	0.42	7.15	411.77	0.73	41.15
5.712	20.12	55.46	0.46	7.15	403.09	0.76	41.15
5.729	20.12	55.46	0.42	7.16	375.32	0.76	41.15
5.75	20.12	55.46	0.38	7.16	345.99	0.79	41.15
5.772	20.12	55.46	0.57	7.18	397.52	0.76	41.15
5.797	20.12	55.46	0.38	7.2	428.92	0.79	41.15
5.816	20.12	55.46	0.23	7.23	392.94	0.81	41.15
5.824	20.12	55.47	0.27	7.25	360.4	0.84	41.15



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	19.19	52.51	0.65	5.03	106.54	0.68	39.31
PROF (metros)	0.701	0.711	0.745	1.318	0.796	0.724	1.002
MÁXIMO	20.13	20.13	1.98	6.44	135.42	0.99	40.61
PROF (metros)	4.116	3.406	3.949	3.617	3.553	4.015	3.406

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E11 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.44	52.7	0.91	5.16	109.19	0.74	39.49
1 - 2m	19.99	53.69	1.06	5.24	112.8	0.76	39.79
2 - 3m	20.07	54.3	1.39	5.65	120.89	0.81	40.23
3 - 4m	20.04	54.53	1.35	6.08	132.4	0.86	40.45
4 - 5m	20.12	54.62	1.78	5.5	122.5	0.93	40.44

OBSERVACIONES GENERALES

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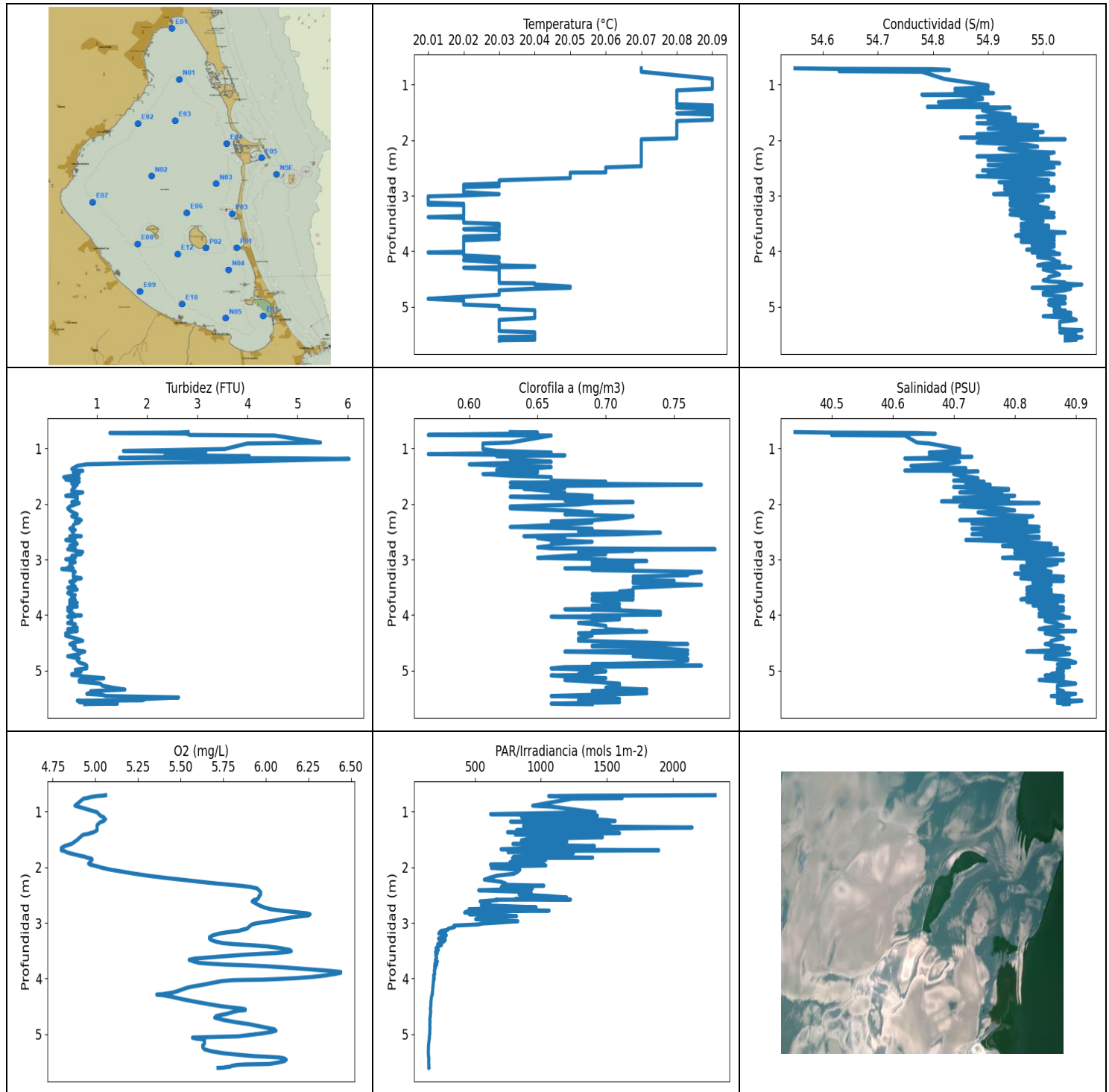
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	19.19	52.54	0.84	5.31	111.16	0.71	39.59
0.711	19.21	52.51	0.99	5.28	108.08	0.69	39.54
0.718	19.22	52.52	0.8	5.26	113.13	0.69	39.54
0.724	19.23	52.55	0.99	5.24	111.13	0.68	39.55
0.732	19.25	52.57	0.95	5.22	107.51	0.72	39.55
0.745	19.28	52.59	0.65	5.2	107.68	0.74	39.54
0.757	19.31	52.52	0.84	5.19	107.14	0.72	39.45
0.769	19.33	52.52	0.95	5.17	110.64	0.73	39.43
0.783	19.35	52.57	0.65	5.16	108.51	0.79	39.46
0.796	19.37	52.54	0.84	5.14	106.54	0.82	39.42
0.806	19.38	52.54	0.95	5.12	108.46	0.78	39.4
0.824	19.4	52.74	0.88	5.1	109.37	0.76	39.56
0.844	19.43	52.73	1.11	5.1	108.16	0.83	39.51
0.863	19.46	52.66	1.03	5.1	109.55	0.78	39.43
0.88	19.48	52.62	0.92	5.11	109.17	0.71	39.37
0.894	19.5	52.77	0.99	5.12	110.69	0.72	39.48
0.908	19.53	52.85	0.92	5.12	108.79	0.72	39.52
0.921	19.57	52.85	0.92	5.12	108.53	0.72	39.48
0.933	19.6	52.87	0.95	5.12	108.26	0.72	39.48
0.945	19.61	52.9	1.11	5.12	110.49	0.76	39.49
0.957	19.64	52.97	0.92	5.12	111.36	0.72	39.53
0.969	19.68	53.05	0.84	5.12	107.16	0.73	39.55
0.983	19.72	53.02	0.99	5.13	109.44	0.76	39.49
0.996	19.74	52.85	0.92	5.15	109.55	0.76	39.32
1.002	19.74	52.83	0.84	5.18	109.55	0.72	39.31
1.006	19.75	53.01	0.88	5.2	111.67	0.76	39.45
1.011	19.77	53.09	0.95	5.21	111.21	0.72	39.49
1.02	19.8	53.22	0.99	5.22	111.36	0.79	39.58
1.034	19.83	53.21	1.03	5.22	110.98	0.73	39.54
1.047	19.85	53.07	1.22	5.23	111.88	0.73	39.41
1.064	19.85	53.23	0.99	5.23	112.84	0.75	39.54
1.084	19.86	53.42	1.03	5.22	112.66	0.68	39.69
1.1	19.89	53.18	1.18	5.22	111.78	0.76	39.46
1.103	19.9	53.02	1.03	5.23	112.98	0.76	39.31
1.107	19.91	53.35	1.03	5.21	111.52	0.74	39.58
1.12	19.92	53.55	0.95	5.2	110.57	0.69	39.74
1.14	19.94	53.53	0.92	5.18	114.03	0.72	39.7

1.163	19.95	53.25	0.99	5.17	112.53	0.7	39.45
1.182	19.94	53.22	0.88	5.16	111.08	0.68	39.45
1.2	19.94	53.51	0.99	5.14	111.47	0.74	39.69
1.217	19.95	53.63	0.95	5.12	112.87	0.72	39.78
1.235	19.96	53.54	0.95	5.1	113.58	0.69	39.7
1.26	19.96	53.61	1.03	5.08	112.27	0.74	39.75
1.279	19.96	53.45	1.03	5.07	111.26	0.73	39.62
1.29	19.96	53.54	1.11	5.06	112.95	0.74	39.69
1.299	19.97	53.73	1.07	5.04	113.03	0.74	39.84
1.318	19.99	53.8	0.95	5.03	112.9	0.76	39.89
1.34	19.99	53.54	0.99	5.03	113.16	0.75	39.66
1.36	19.99	53.44	0.95	5.05	113.24	0.76	39.58
1.382	20.0	53.83	1.03	5.06	110.95	0.72	39.9
1.402	20.0	53.48	1.11	5.09	111.39	0.75	39.6
1.407	20.0	53.39	1.26	5.12	113.97	0.75	39.53
1.411	20.0	53.8	0.95	5.13	113.45	0.71	39.87
1.42	20.0	53.7	1.03	5.16	111.73	0.76	39.79
1.439	19.99	53.57	1.14	5.18	110.98	0.73	39.69
1.458	19.99	53.39	1.03	5.2	111.23	0.76	39.54
1.48	19.99	53.76	1.07	5.21	112.24	0.79	39.85
1.499	20.0	53.61	0.95	5.23	113.34	0.77	39.71
1.509	20.0	53.56	1.11	5.23	113.03	0.73	39.67
1.519	20.0	53.81	1.14	5.22	112.5	0.76	39.88
1.533	20.01	53.78	1.07	5.21	112.43	0.74	39.85
1.549	20.02	53.59	1.18	5.21	111.62	0.72	39.68
1.57	20.02	53.75	1.14	5.21	112.01	0.81	39.81
1.591	20.03	53.71	1.18	5.23	114.11	0.76	39.77
1.608	20.02	53.71	0.99	5.25	114.45	0.79	39.77
1.62	20.03	53.82	0.99	5.29	112.09	0.76	39.87
1.631	20.03	53.84	1.26	5.34	111.65	0.69	39.88
1.642	20.03	53.87	0.99	5.38	112.9	0.75	39.9
1.665	20.04	53.94	1.03	5.43	113.32	0.74	39.95
1.69	20.04	53.9	1.07	5.48	112.37	0.76	39.92
1.708	20.04	53.81	1.07	5.51	112.53	0.79	39.84
1.723	20.05	53.99	1.14	5.53	113.21	0.8	39.99
1.737	20.05	53.98	1.22	5.54	111.93	0.79	39.98
1.749	20.05	53.96	1.34	5.53	111.03	0.78	39.96
1.765	20.05	54.09	0.99	5.52	112.24	0.79	40.07
1.782	20.05	53.92	1.11	5.5	112.66	0.78	39.93
1.792	20.05	53.92	1.11	5.48	112.77	0.76	39.93
1.804	20.05	54.16	1.34	5.45	112.19	0.79	40.12
1.822	20.06	54.12	1.22	5.42	113.13	0.85	40.08
1.844	20.06	53.94	1.03	5.4	113.95	0.79	39.93
1.865	20.06	53.99	1.11	5.37	113.82	0.82	39.97
1.884	20.06	54.17	1.14	5.33	113.87	0.8	40.12
1.901	20.07	54.19	1.14	5.29	115.49	0.89	40.14
1.914	20.07	54.05	1.18	5.26	115.22	0.81	40.01
1.928	20.07	54.16	1.11	5.22	115.14	0.79	40.11
1.943	20.07	54.25	1.07	5.18	115.2	0.79	40.18
1.959	20.07	54.2	0.88	5.15	116.3	0.78	40.13
1.972	20.07	54.13	1.03	5.12	116.76	0.78	40.08
1.983	20.07	54.26	1.22	5.1	116.13	0.76	40.19
1.996	20.07	54.29	1.03	5.1	116.4	0.72	40.22
2.009	20.07	54.16	1.07	5.1	115.87	0.74	40.1
2.023	20.07	54.21	1.11	5.09	116.08	0.83	40.15
2.043	20.07	54.4	1.14	5.1	115.87	0.89	40.31
2.07	20.08	54.16	0.99	5.11	116.0	0.81	40.1
2.088	20.08	54.0	1.11	5.14	115.97	0.76	39.97

2.1	20.08	54.3	1.14	5.15	115.87	0.82	40.21
2.114	20.08	54.36	1.11	5.17	115.87	0.78	40.26
2.13	20.09	53.99	1.18	5.2	116.27	0.84	39.95
2.147	20.09	54.18	1.53	5.22	116.16	0.83	40.1
2.164	20.07	54.34	1.76	5.23	115.44	0.79	40.25
2.18	20.06	54.07	1.53	5.25	115.89	0.81	40.04
2.197	20.06	54.17	1.3	5.27	116.51	0.92	40.12
2.217	20.07	54.31	1.79	5.28	116.95	0.85	40.23
2.235	20.08	54.12	1.6	5.32	116.62	0.8	40.06
2.254	20.08	54.24	1.68	5.35	116.97	0.79	40.16
2.274	20.09	54.3	1.56	5.39	117.6	0.78	40.21
2.287	20.09	54.1	1.45	5.44	118.06	0.81	40.04
2.302	20.1	54.39	1.41	5.48	118.23	0.82	40.27
2.326	20.11	54.36	1.41	5.51	119.08	0.84	40.24
2.351	20.11	54.1	1.45	5.56	119.0	0.84	40.01
2.373	20.11	54.25	1.34	5.61	118.8	0.8	40.14
2.389	20.09	54.42	1.34	5.66	118.94	0.82	40.31
2.401	20.08	54.25	1.45	5.71	119.52	0.97	40.17
2.413	20.08	54.18	1.14	5.76	119.85	0.79	40.11
2.433	20.09	54.48	1.41	5.81	119.94	0.79	40.36
2.46	20.1	54.27	1.41	5.87	120.27	0.78	40.17
2.482	20.1	54.17	1.45	5.93	120.75	0.88	40.08
2.499	20.09	54.44	1.3	5.97	120.63	0.8	40.32
2.514	20.06	54.32	1.53	6.01	120.89	0.79	40.25
2.529	20.06	54.2	1.49	6.04	121.64	0.82	40.15
2.543	20.06	54.4	1.34	6.05	121.59	0.81	40.32
2.558	20.06	54.38	1.6	6.06	121.42	0.77	40.31
2.573	20.05	54.19	1.14	6.07	122.35	0.79	40.15
2.598	20.05	54.39	1.64	6.06	123.38	0.81	40.32
2.631	20.05	54.45	1.3	6.04	123.32	0.89	40.37
2.664	20.05	54.23	0.92	6.02	123.69	0.88	40.18
2.694	20.06	54.39	1.49	5.98	125.19	0.82	40.31
2.726	20.06	54.6	1.87	5.95	126.01	0.76	40.49
2.763	20.06	54.37	1.49	5.92	125.66	0.77	40.29
2.793	20.07	54.27	1.37	5.9	125.8	0.83	40.2
2.817	20.06	54.58	1.53	5.88	126.74	0.79	40.47
2.841	20.05	54.45	1.18	5.88	127.8	0.76	40.37
2.864	20.06	54.26	1.56	5.89	128.57	0.78	40.21
2.892	20.06	54.53	1.64	5.9	128.42	0.8	40.43
2.925	20.04	54.49	1.3	5.92	128.22	0.81	40.41
2.949	20.05	54.27	1.3	5.95	128.54	0.78	40.21
2.97	20.05	54.53	1.3	5.95	129.71	0.79	40.44
2.997	20.02	54.62	1.37	5.96	130.71	0.82	40.53
3.031	20.03	54.4	1.76	5.98	131.13	0.84	40.34
3.064	20.05	54.36	1.41	6.02	131.37	0.82	40.3
3.088	20.03	54.53	1.53	6.06	130.74	0.83	40.45
3.108	20.01	54.56	1.41	6.11	131.34	0.83	40.5
3.132	20.02	54.46	1.41	6.17	132.54	0.85	40.41
3.157	20.02	54.43	1.37	6.23	133.34	0.85	40.38
3.178	20.03	54.55	1.3	6.27	133.31	0.88	40.47
3.198	20.04	54.44	1.49	6.29	132.84	0.87	40.37
3.211	20.05	54.44	1.11	6.28	132.29	0.85	40.37
3.221	20.06	54.57	0.99	6.22	132.51	0.86	40.46
3.239	20.07	54.61	1.03	6.14	133.71	0.85	40.48
3.267	20.08	54.39	1.22	6.06	134.55	0.8	40.29
3.296	20.08	54.47	1.26	5.96	134.46	0.85	40.35
3.326	20.06	54.65	1.34	5.87	133.8	0.8	40.52
3.354	20.06	54.41	0.95	5.81	134.11	0.83	40.33

3.374	20.06	54.47	0.95	5.75	134.95	0.88	40.37
3.406	20.04	54.73	0.95	5.72	135.27	0.86	40.61
3.443	20.05	54.5	1.34	5.73	135.3	0.86	40.41
3.468	20.06	54.43	1.3	5.74	134.55	0.85	40.34
3.48	20.02	54.61	1.14	5.79	134.36	0.87	40.53
3.495	19.99	54.55	1.18	5.89	134.39	0.94	40.51
3.521	20.01	54.47	1.03	6.02	135.02	0.87	40.42
3.553	20.02	54.51	1.26	6.17	135.42	0.85	40.45
3.58	20.01	54.62	1.34	6.3	134.67	0.86	40.56
3.602	20.01	54.53	1.26	6.39	133.43	0.88	40.48
3.617	20.02	54.48	1.26	6.44	133.25	0.82	40.42
3.633	20.02	54.63	1.3	6.44	133.18	0.84	40.55
3.658	20.01	54.53	1.45	6.42	133.4	0.85	40.47
3.686	20.01	54.5	1.34	6.38	133.46	0.85	40.44
3.709	20.01	54.59	1.45	6.32	132.48	0.86	40.52
3.719	20.0	54.57	1.37	6.29	131.92	0.93	40.51
3.725	20.01	54.57	1.37	6.25	131.8	0.86	40.51
3.735	20.02	54.56	1.34	6.24	131.53	0.82	40.49
3.749	20.03	54.57	1.6	6.2	131.77	0.82	40.48
3.765	20.04	54.56	1.49	6.16	131.77	0.82	40.47
3.78	20.05	54.52	1.6	6.11	131.31	0.81	40.42
3.796	20.05	54.56	1.41	6.06	130.59	0.9	40.46
3.812	20.05	54.54	1.49	6.0	129.89	0.89	40.44
3.827	20.05	54.55	1.53	5.96	129.2	0.89	40.45
3.844	20.05	54.61	1.37	5.92	129.35	0.92	40.51
3.866	20.06	54.63	1.49	5.89	129.38	0.87	40.51
3.892	20.07	54.56	1.37	5.87	128.34	0.89	40.44
3.922	20.07	54.57	1.68	5.84	127.24	0.89	40.45
3.949	20.08	54.63	1.98	5.82	126.3	0.91	40.49
4.015	20.1	54.58	1.83	5.69	125.37	0.99	40.43
4.089	20.11	54.61	1.83	5.53	123.01	0.9	40.44
4.104	20.12	54.67	1.6	5.47	121.79	0.91	40.49
4.116	20.13	54.62	1.91	5.43	121.42	0.95	40.43
4.12	20.13	54.6	1.72	5.38	120.89	0.91	40.42



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	20.01	54.55	0.31	4.8	145.99	0.57	40.44
PROF (metros)	3.012	0.706	3.171	1.655	5.343	0.758	0.706
MÁXIMO	20.09	20.09	6.03	6.44	2321.0	0.78	40.91
PROF (metros)	0.895	4.6	1.189	3.883	0.706	2.816	5.545

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD N05 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.07	54.73	3.3	4.97	1361.88	0.63	40.58
1 - 2m	20.08	54.9	1.2	4.95	1097.2	0.65	40.72
2 - 3m	20.05	54.96	0.54	5.86	736.42	0.68	40.8
3 - 4m	20.02	54.99	0.51	5.94	238.61	0.71	40.85
4 - 5m	20.03	55.02	0.57	5.74	169.46	0.71	40.87
5 - 6m	20.04	55.04	0.99	5.81	149.99	0.69	40.88

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

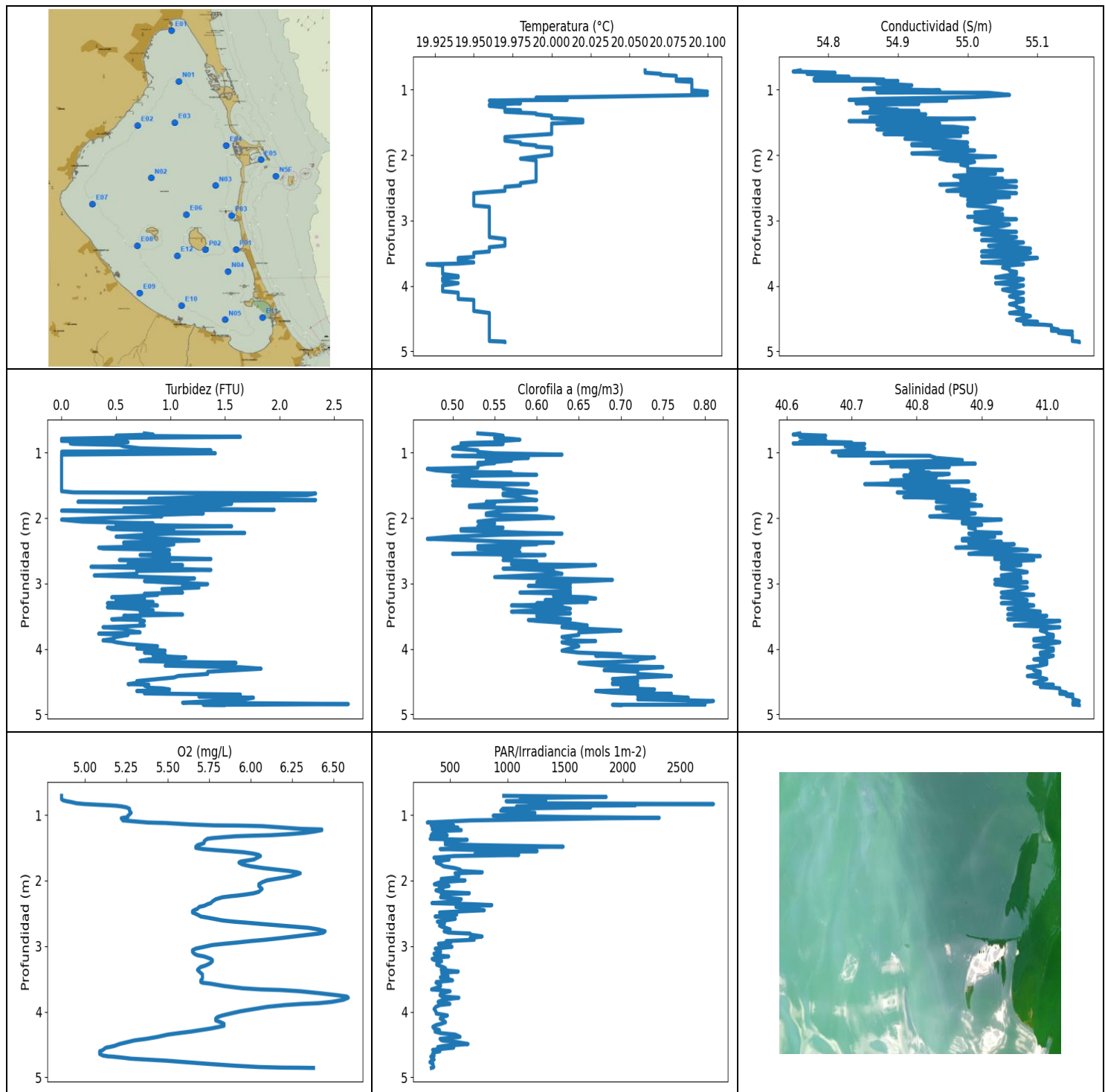
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	20.07	54.55	2.82	5.06	2321.0	0.63	40.44
0.715	20.07	54.62	2.63	5.04	1328.6	0.65	40.49
0.721	20.07	54.8	1.26	5.01	1058.9	0.63	40.64
0.735	20.07	54.83	2.78	4.98	1311.8	0.63	40.67
0.758	20.07	54.63	2.86	4.95	1616.0	0.57	40.5
0.768	20.07	54.78	4.54	4.93	1239.3	0.66	40.62
0.895	20.09	54.82	5.46	4.88	937.78	0.63	40.64
0.912	20.09	54.83	4.0	4.9	1081.7	0.61	40.66
1.012	20.09	54.9	3.55	5.01	1411.8	0.61	40.71
1.046	20.09	54.9	1.53	5.02	618.18	0.62	40.71
1.075	20.09	54.84	3.17	5.03	1428.9	0.66	40.66
1.103	20.08	54.9	3.13	5.05	853.75	0.57	40.71
1.125	20.08	54.87	2.36	5.05	905.31	0.67	40.69
1.138	20.08	54.84	4.04	5.06	1342.5	0.62	40.66
1.151	20.08	54.91	2.71	5.05	1497.4	0.63	40.73
1.169	20.08	54.86	1.45	5.05	1563.3	0.63	40.68
1.18	20.08	54.78	4.84	5.04	769.55	0.64	40.62
1.189	20.08	54.85	6.03	5.03	1146.2	0.63	40.67
1.242	20.08	54.89	3.59	5.01	1525.0	0.66	40.71
1.26	20.08	54.89	2.06	5.01	867.52	0.63	40.7
1.286	20.08	54.86	0.8	5.01	2146.6	0.6	40.68
1.314	20.08	54.81	0.61	5.01	1323.7	0.63	40.63
1.336	20.08	54.82	0.57	5.01	814.51	0.66	40.65
1.354	20.08	54.9	0.53	5.0	1507.8	0.65	40.72
1.371	20.09	54.9	0.5	4.99	746.88	0.63	40.71
1.388	20.09	54.84	0.53	4.97	1596.7	0.62	40.66
1.399	20.09	54.79	0.61	4.96	1138.8	0.65	40.62
1.405	20.08	54.88	0.72	4.95	986.83	0.64	40.7
1.415	20.08	54.94	0.57	4.93	805.69	0.63	40.74
1.435	20.09	54.9	0.53	4.92	1379.1	0.65	40.71
1.462	20.09	54.89	0.65	4.91	1466.8	0.61	40.7
1.492	20.09	54.9	0.53	4.9	899.25	0.63	40.71
1.517	20.08	54.92	0.34	4.89	852.37	0.66	40.73
1.539	20.09	54.94	0.65	4.88	1197.0	0.66	40.74
1.561	20.09	54.91	0.38	4.87	1021.7	0.66	40.72
1.581	20.09	54.88	0.5	4.86	787.6	0.66	40.7

1.601	20.09	54.95	0.65	4.84	975.46	0.7	40.75
1.619	20.09	54.91	0.53	4.82	1406.2	0.63	40.72
1.635	20.09	54.9	0.5	4.81	1283.8	0.67	40.72
1.655	20.08	54.95	0.61	4.8	973.21	0.77	40.76
1.677	20.08	54.94	0.53	4.8	697.68	0.66	40.75
1.696	20.08	54.88	0.57	4.8	1893.6	0.63	40.7
1.711	20.08	54.92	0.53	4.82	815.27	0.67	40.74
1.729	20.08	54.99	0.53	4.83	750.7	0.64	40.79
1.749	20.08	54.99	0.5	4.85	1246.3	0.65	40.79
1.771	20.08	54.92	0.5	4.88	1084.5	0.66	40.73
1.794	20.08	54.9	0.72	4.91	1147.0	0.67	40.71
1.813	20.08	54.95	0.61	4.94	792.54	0.67	40.76
1.828	20.08	54.98	0.57	4.95	1392.9	0.66	40.78
1.839	20.08	54.93	0.46	4.97	783.77	0.68	40.74
1.853	20.08	55.0	0.38	4.98	895.09	0.69	40.8
1.872	20.08	54.95	0.61	4.98	1036.3	0.63	40.76
1.891	20.08	54.88	0.61	4.97	879.67	0.65	40.7
1.912	20.08	54.99	0.61	4.97	764.57	0.69	40.79
1.935	20.08	54.98	0.57	4.96	1018.7	0.67	40.79
1.955	20.08	54.85	0.61	4.97	617.46	0.68	40.68
1.968	20.08	54.93	0.5	4.99	1037.3	0.72	40.75
1.984	20.07	55.04	0.65	5.01	767.24	0.69	40.84
2.011	20.07	54.89	0.57	5.04	624.23	0.68	40.72
2.045	20.07	54.88	0.46	5.09	840.21	0.63	40.71
2.081	20.07	54.97	0.42	5.16	824.2	0.63	40.78
2.117	20.07	54.99	0.46	5.23	796.59	0.67	40.8
2.153	20.07	54.92	0.53	5.31	665.46	0.69	40.74
2.188	20.07	54.94	0.61	5.4	614.75	0.67	40.76
2.223	20.07	55.02	0.5	5.5	571.34	0.72	40.83
2.26	20.07	55.0	0.61	5.61	692.69	0.71	40.81
2.293	20.07	54.88	0.69	5.71	732.82	0.69	40.71
2.315	20.07	55.01	0.57	5.79	710.91	0.66	40.82
2.333	20.07	55.01	0.65	5.85	1022.2	0.69	40.82
2.355	20.07	54.9	0.57	5.91	699.3	0.68	40.73
2.383	20.07	54.99	0.53	5.95	935.39	0.66	40.8
2.415	20.07	55.03	0.53	5.96	528.41	0.63	40.84
2.447	20.07	54.9	0.46	5.97	925.9	0.69	40.73
2.469	20.07	54.93	0.57	5.97	858.91	0.69	40.75
2.491	20.06	55.02	0.5	5.97	835.55	0.68	40.84
2.519	20.06	54.99	0.53	5.96	1054.7	0.74	40.81
2.546	20.06	54.89	0.53	5.96	1195.9	0.71	40.73
2.568	20.06	55.0	0.53	5.95	808.12	0.66	40.82
2.581	20.06	54.96	0.69	5.95	1224.8	0.64	40.79
2.584	20.05	54.9	0.46	5.94	656.27	0.66	40.75
2.59	20.05	55.01	0.57	5.93	670.73	0.67	40.84
2.615	20.05	55.02	0.57	5.92	538.67	0.65	40.84
2.649	20.05	54.88	0.38	5.94	613.33	0.66	40.72
2.683	20.05	54.97	0.57	5.96	548.62	0.69	40.81
2.722	20.03	55.01	0.61	5.99	963.56	0.66	40.86
2.756	20.03	54.92	0.46	6.03	454.4	0.66	40.78
2.78	20.03	54.95	0.5	6.09	1062.1	0.65	40.81
2.8	20.02	55.01	0.57	6.15	434.62	0.66	40.87
2.816	20.02	54.93	0.42	6.2	421.72	0.78	40.8
2.829	20.03	54.94	0.5	6.24	640.79	0.7	40.81
2.846	20.02	55.02	0.57	6.26	456.83	0.72	40.87
2.867	20.02	54.96	0.72	6.25	741.36	0.68	40.83
2.881	20.02	54.93	0.61	6.21	815.27	0.68	40.8
2.903	20.02	55.02	0.69	6.15	540.67	0.7	40.88

2.936	20.02	54.96	0.5	6.09	505.41	0.67	40.83
2.971	20.03	54.91	0.57	6.03	824.96	0.65	40.78
2.996	20.02	54.98	0.38	5.97	668.71	0.7	40.84
3.012	20.01	55.01	0.46	5.94	556.31	0.69	40.88
3.029	20.01	54.95	0.53	5.92	524.87	0.73	40.83
3.05	20.01	54.94	0.57	5.91	340.5	0.69	40.82
3.077	20.01	55.0	0.46	5.9	344.39	0.72	40.87
3.104	20.01	54.99	0.5	5.89	297.26	0.69	40.86
3.126	20.01	54.94	0.5	5.86	292.47	0.69	40.81
3.147	20.02	54.98	0.42	5.84	240.01	0.72	40.85
3.159	20.01	54.99	0.53	5.8	277.81	0.67	40.85
3.171	20.02	54.94	0.3	5.77	232.72	0.69	40.81
3.192	20.02	54.99	0.5	5.73	225.4	0.69	40.85
3.224	20.02	55.01	0.57	5.69	282.55	0.77	40.86
3.258	20.02	54.94	0.53	5.67	268.56	0.76	40.8
3.283	20.02	54.98	0.53	5.67	223.68	0.76	40.84
3.309	20.02	55.02	0.53	5.68	274.99	0.72	40.88
3.34	20.02	54.94	0.69	5.71	261.44	0.73	40.81
3.366	20.02	54.97	0.53	5.75	223.26	0.72	40.84
3.385	20.01	55.02	0.57	5.82	217.24	0.75	40.88
3.401	20.02	54.96	0.46	5.91	245.64	0.72	40.83
3.424	20.02	54.97	0.53	6.01	216.29	0.72	40.83
3.457	20.02	55.0	0.5	6.09	204.25	0.77	40.86
3.487	20.02	54.98	0.57	6.14	223.01	0.74	40.83
3.508	20.03	54.96	0.42	6.15	210.55	0.72	40.82
3.524	20.03	54.99	0.53	6.13	200.45	0.72	40.85
3.543	20.03	55.01	0.61	6.06	214.94	0.72	40.86
3.557	20.03	54.96	0.46	5.97	212.71	0.72	40.82
3.577	20.03	55.01	0.5	5.86	202.04	0.71	40.86
3.602	20.02	55.0	0.42	5.75	205.39	0.72	40.86
3.625	20.03	54.96	0.46	5.66	209.48	0.69	40.82
3.644	20.03	55.01	0.57	5.58	205.01	0.72	40.86
3.665	20.03	55.04	0.5	5.55	199.76	0.72	40.88
3.696	20.03	54.96	0.5	5.58	215.39	0.69	40.82
3.721	20.03	54.95	0.57	5.61	202.74	0.72	40.81
3.734	20.02	55.02	0.46	5.67	195.63	0.69	40.88
3.75	20.02	55.02	0.53	5.76	210.45	0.7	40.88
3.763	20.02	54.96	0.46	5.88	198.05	0.7	40.82
3.78	20.03	55.0	0.61	6.0	193.51	0.7	40.86
3.804	20.02	55.02	0.46	6.12	202.04	0.71	40.87
3.829	20.02	54.96	0.53	6.23	193.87	0.69	40.83
3.85	20.02	55.0	0.61	6.32	192.04	0.7	40.86
3.867	20.02	55.02	0.42	6.39	194.96	0.71	40.88
3.883	20.02	54.98	0.46	6.44	192.17	0.71	40.84
3.897	20.02	54.98	0.5	6.44	192.26	0.67	40.84
3.917	20.02	55.02	0.42	6.41	194.96	0.71	40.88
3.946	20.02	55.0	0.46	6.35	185.78	0.74	40.86
3.974	20.02	54.97	0.53	6.27	187.68	0.72	40.84
3.994	20.02	55.01	0.46	6.18	191.73	0.74	40.87
4.009	20.02	55.02	0.69	6.08	186.17	0.69	40.88
4.022	20.01	55.0	0.46	5.98	186.51	0.71	40.87
4.025	20.01	54.98	0.57	5.9	189.26	0.69	40.84
4.03	20.02	55.02	0.42	5.81	184.32	0.66	40.88
4.048	20.02	55.03	0.5	5.74	184.28	0.69	40.89
4.077	20.02	54.99	0.5	5.69	184.71	0.71	40.85
4.108	20.03	54.99	0.5	5.64	181.27	0.69	40.85
4.13	20.03	55.01	0.46	5.6	182.79	0.69	40.86
4.145	20.02	55.02	0.42	5.57	182.41	0.68	40.87

4.165	20.02	55.02	0.57	5.54	178.85	0.69	40.87
4.197	20.03	55.03	0.53	5.51	179.6	0.7	40.88
4.231	20.03	55.0	0.61	5.48	178.39	0.7	40.85
4.255	20.03	54.99	0.42	5.45	175.97	0.7	40.84
4.269	20.04	55.04	0.46	5.42	177.36	0.71	40.87
4.283	20.04	55.03	0.46	5.39	177.24	0.72	40.87
4.288	20.03	55.05	0.61	5.36	174.83	0.69	40.9
4.298	20.02	55.02	0.53	5.39	173.66	0.73	40.88
4.33	20.03	55.0	0.38	5.45	170.2	0.68	40.85
4.373	20.03	55.02	0.38	5.51	168.23	0.69	40.87
4.42	20.03	55.03	0.57	5.59	165.8	0.68	40.88
4.464	20.03	55.01	0.72	5.67	165.34	0.68	40.86
4.499	20.03	55.01	0.53	5.74	164.76	0.73	40.86
4.525	20.03	55.0	0.46	5.81	162.83	0.76	40.85
4.542	20.03	55.01	0.5	5.86	161.4	0.72	40.86
4.554	20.03	55.03	0.53	5.88	162.94	0.69	40.87
4.566	20.03	55.04	0.57	5.88	162.83	0.69	40.88
4.573	20.03	55.03	0.53	5.87	162.71	0.72	40.87
4.578	20.04	55.03	0.57	5.84	164.34	0.74	40.86
4.6	20.04	55.07	0.53	5.81	164.19	0.74	40.89
4.637	20.05	55.03	0.61	5.77	161.55	0.76	40.86
4.66	20.05	54.98	0.76	5.73	161.02	0.67	40.82
4.675	20.04	55.05	0.69	5.71	162.26	0.7	40.88
4.704	20.03	55.04	0.65	5.7	158.84	0.76	40.89
4.744	20.03	55.0	0.42	5.75	157.59	0.72	40.85
4.784	20.03	55.0	0.65	5.82	158.98	0.76	40.85
4.82	20.02	55.04	0.61	5.9	157.63	0.76	40.89
4.857	20.01	55.04	0.65	5.96	157.7	0.75	40.9
4.887	20.02	55.01	0.76	6.01	158.25	0.69	40.87
4.913	20.02	55.03	0.8	6.05	158.65	0.77	40.88
4.939	20.02	55.04	0.8	6.06	156.97	0.67	40.89
4.962	20.02	55.01	0.8	6.03	157.04	0.66	40.87
4.987	20.03	55.02	0.57	5.98	157.7	0.69	40.87
5.014	20.03	55.03	0.69	5.91	155.81	0.7	40.88
5.04	20.03	55.02	0.65	5.84	153.62	0.69	40.87
5.062	20.04	55.02	0.53	5.57	155.31	0.68	40.86
5.065	20.04	55.04	0.5	5.57	154.55	0.69	40.87
5.08	20.04	55.04	0.5	5.59	152.91	0.69	40.88
5.09	20.04	55.02	0.65	5.62	153.2	0.66	40.85
5.106	20.04	55.05	0.72	5.64	152.21	0.67	40.88
5.138	20.04	55.05	1.14	5.64	150.8	0.7	40.88
5.172	20.04	55.0	0.65	5.64	148.65	0.67	40.84
5.202	20.04	55.05	0.65	5.63	147.55	0.69	40.88
5.237	20.03	55.06	1.07	5.63	147.24	0.71	40.9
5.272	20.03	55.03	1.11	5.64	146.56	0.71	40.87
5.308	20.03	55.03	1.3	5.68	146.77	0.7	40.87
5.343	20.03	55.03	1.56	5.75	145.99	0.73	40.87
5.371	20.03	55.03	0.88	5.84	147.35	0.69	40.88
5.396	20.03	55.03	0.92	5.93	147.86	0.7	40.87
5.409	20.03	55.04	0.84	6.02	148.03	0.73	40.88
5.42	20.03	55.07	0.8	6.08	150.0	0.72	40.9
5.439	20.03	55.06	1.11	6.11	149.65	0.69	40.89
5.46	20.04	55.03	1.18	6.12	149.69	0.66	40.86
5.485	20.04	55.05	2.63	6.11	149.24	0.7	40.88
5.512	20.04	55.06	1.98	6.07	149.24	0.71	40.89
5.537	20.04	55.04	1.91	6.02	149.13	0.68	40.87
5.545	20.03	55.07	0.61	5.88	149.96	0.68	40.91
5.554	20.03	55.07	0.69	5.83	150.45	0.69	40.9

5.571	20.04	55.04	0.65	5.8	150.21	0.71	40.88
5.586	20.04	55.04	0.88	5.79	149.69	0.68	40.87
5.597	20.04	55.06	1.41	5.76	149.24	0.66	40.89
5.604	20.03	55.05	0.8	5.75	148.89	0.67	40.89
5.607	20.03	55.04	0.76	5.72	149.83	0.69	40.88



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	19.92	54.75	0.0	4.86	304.37	0.47	40.61
PROF (metros)	3.669	0.725	0.79	0.708	1.115	1.25	0.725
MÁXIMO	20.1	20.1	2.63	6.59	2788.7	0.81	41.05
PROF (metros)	1.032	4.852	4.843	3.786	0.834	4.796	4.796

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E10 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.08	54.83	0.62	5.07	1477.41	0.54	40.66
1 - 2m	19.99	54.95	1.21	6.04	569.21	0.57	40.85
2 - 3m	19.97	55.02	0.82	5.96	523.25	0.58	40.92
3 - 4m	19.95	55.05	0.71	5.92	426.63	0.63	40.97
4 - 5m	19.95	55.1	1.15	5.54	406.54	0.72	41.01

OBSERVACIONES GENERALES

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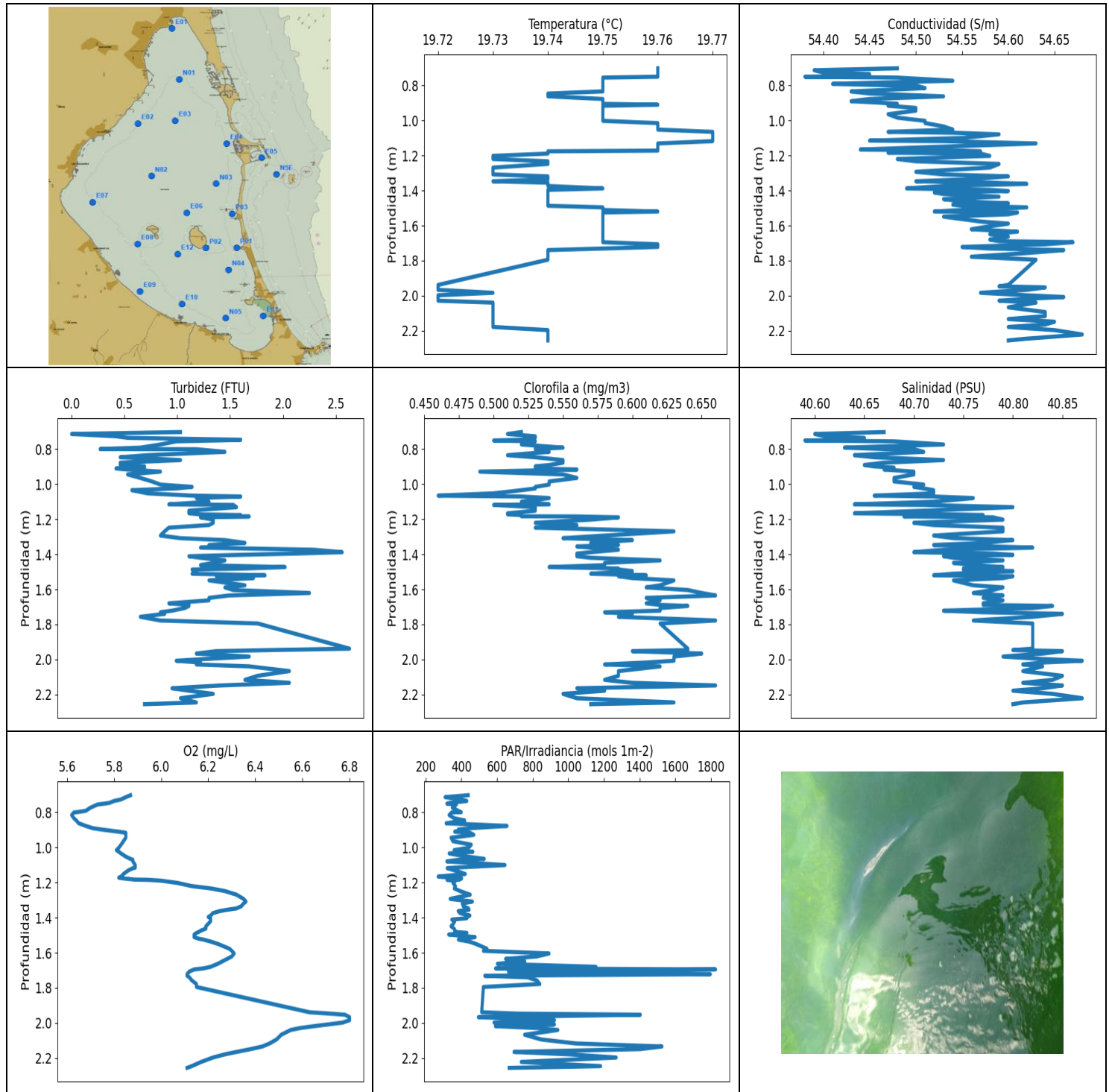
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.708	20.06	54.76	0.76	4.86	968.03	0.53	40.62
0.725	20.06	54.75	0.84	4.86	1857.1	0.55	40.61
0.743	20.06	54.81	0.5	4.86	1155.6	0.56	40.66
0.761	20.07	54.77	1.64	4.86	1112.2	0.56	40.62
0.777	20.07	54.8	0.42	4.87	1332.3	0.55	40.64
0.79	20.08	54.79	0.0	4.89	988.44	0.57	40.63
0.804	20.08	54.83	0.0	4.92	1252.9	0.58	40.66
0.822	20.08	54.82	0.0	4.95	1190.4	0.56	40.65
0.834	20.08	54.78	0.38	5.0	2788.7	0.55	40.62
0.841	20.08	54.86	0.61	5.05	1472.9	0.56	40.68
0.847	20.08	54.88	0.38	5.1	2000.6	0.54	40.7
0.853	20.09	54.83	0.3	5.15	2109.6	0.52	40.65
0.86	20.08	54.78	0.08	5.19	1420.6	0.51	40.61
0.869	20.08	54.9	0.11	5.22	1079.4	0.56	40.72
0.883	20.09	54.87	0.53	5.25	1722.8	0.52	40.69
0.905	20.09	54.87	0.57	5.27	960.66	0.51	40.69
0.936	20.09	54.92	0.72	5.27	941.92	0.5	40.72
0.967	20.09	54.89	1.37	5.28	1238.8	0.53	40.7
0.991	20.09	54.85	0.0	5.27	1207.0	0.53	40.67
1.012	20.09	54.96	1.41	5.26	876.0	0.55	40.75
1.032	20.1	54.93	0.0	5.26	1547.5	0.63	40.73
1.044	20.09	54.87	0.0	5.23	2317.8	0.56	40.68
1.05	20.09	55.03	0.0	5.22	1868.4	0.5	40.82
1.083	20.1	55.06	0.0	5.23	684.87	0.59	40.83
1.115	20.02	55.01	0.0	5.38	304.37	0.54	40.87
1.123	19.99	54.98	0.0	5.49	353.69	0.57	40.87
1.144	20.0	54.86	0.0	5.63	490.41	0.55	40.76
1.159	20.01	54.83	0.0	5.78	533.33	0.53	40.73
1.162	19.98	54.95	0.0	5.93	338.61	0.55	40.85
1.17	19.96	54.97	0.0	6.07	352.79	0.54	40.89
1.191	19.97	54.86	0.0	6.19	569.48	0.53	40.79
1.211	19.98	54.84	0.0	6.3	346.95	0.53	40.76
1.221	19.97	54.93	0.0	6.43	347.44	0.53	40.85
1.231	19.96	54.86	0.0	6.43	599.14	0.53	40.8
1.25	19.96	54.86	0.0	6.39	362.58	0.47	40.79
1.272	19.97	54.88	0.0	6.33	423.88	0.48	40.81
1.291	19.97	54.88	0.0	6.24	344.07	0.5	40.8

1.309	19.97	54.9	0.0	6.12	477.07	0.57	40.82
1.316	19.98	54.86	0.0	6.01	336.19	0.51	40.79
1.325	19.97	54.93	0.0	5.91	409.02	0.56	40.85
1.34	19.97	54.93	0.0	5.83	357.82	0.6	40.84
1.353	19.98	54.85	0.0	5.77	422.8	0.53	40.78
1.364	19.99	54.9	0.0	5.74	328.64	0.5	40.81
1.379	19.99	54.94	0.0	5.73	650.67	0.52	40.83
1.402	20.0	54.93	0.0	5.72	459.27	0.51	40.82
1.427	20.0	54.86	0.0	5.72	481.84	0.52	40.76
1.438	20.0	54.9	0.0	5.71	479.39	0.5	40.79
1.446	20.01	55.01	0.0	5.7	460.12	0.53	40.88
1.461	20.02	54.94	0.0	5.68	759.45	0.53	40.81
1.483	20.02	54.83	0.0	5.67	1483.6	0.59	40.72
1.502	20.02	54.93	0.0	5.67	601.5	0.5	40.8
1.519	20.0	54.96	0.0	5.71	415.9	0.56	40.85
1.536	20.0	54.87	0.0	5.79	787.41	0.56	40.78
1.552	20.0	54.88	0.0	5.88	1257.6	0.56	40.79
1.569	20.0	54.98	0.0	5.96	829.18	0.57	40.87
1.591	20.0	55.0	0.0	6.02	718.53	0.59	40.88
1.609	20.0	54.87	0.11	6.05	1097.9	0.6	40.77
1.626	20.0	54.96	2.33	6.06	538.05	0.56	40.85
1.652	20.0	55.0	2.25	6.04	361.74	0.56	40.89
1.679	20.0	54.88	1.26	6.02	493.83	0.58	40.78
1.71	19.98	54.99	0.8	5.94	381.9	0.59	40.89
1.726	19.97	54.94	2.33	5.93	384.29	0.6	40.87
1.753	19.97	54.91	0.15	5.95	419.77	0.54	40.83
1.782	19.97	54.97	1.56	6.0	444.2	0.55	40.88
1.811	19.98	55.0	1.41	6.08	545.71	0.52	40.9
1.834	19.98	54.92	0.95	6.16	590.73	0.52	40.83
1.853	19.99	54.92	0.57	6.23	583.11	0.6	40.83
1.873	19.99	55.0	1.95	6.28	781.23	0.6	40.88
1.889	20.0	54.95	0.0	6.3	544.95	0.56	40.84
1.93	20.0	55.01	1.3	6.25	578.66	0.54	40.89
1.955	20.0	54.99	0.84	6.2	542.43	0.54	40.87
1.975	20.0	54.92	0.92	6.15	424.86	0.6	40.82
1.997	20.0	54.98	0.46	6.1	632.09	0.62	40.86
2.026	19.99	55.04	0.0	6.07	413.78	0.55	40.93
2.056	19.98	54.96	0.19	6.05	365.19	0.53	40.87
2.083	19.99	54.97	0.84	6.05	492.57	0.55	40.87
2.105	19.99	55.01	0.5	6.06	407.79	0.54	40.9
2.127	19.99	55.0	1.56	6.07	440.61	0.53	40.88
2.149	19.99	54.99	0.42	6.06	378.99	0.56	40.88
2.171	19.99	55.0	0.46	6.05	420.55	0.51	40.89
2.193	19.99	55.0	1.03	6.02	668.71	0.51	40.89
2.213	19.99	55.0	0.76	5.97	426.44	0.56	40.89
2.229	19.99	55.05	1.68	5.92	494.06	0.59	40.93
2.239	19.99	55.0	0.99	5.88	466.46	0.63	40.88
2.255	19.99	55.0	0.8	5.83	419.68	0.56	40.89
2.285	19.99	55.04	0.5	5.79	598.86	0.5	40.92
2.318	19.99	54.98	0.95	5.77	570.01	0.47	40.87
2.344	19.99	54.99	1.26	5.76	344.55	0.53	40.87
2.361	19.99	55.05	0.84	5.74	697.36	0.56	40.93
2.374	19.99	54.99	0.57	5.73	864.11	0.62	40.88
2.385	19.99	54.99	0.57	5.72	613.61	0.6	40.88
2.402	19.99	55.07	1.03	5.69	552.71	0.6	40.95
2.43	19.98	55.02	0.92	5.68	707.62	0.53	40.91
2.452	19.98	54.96	0.34	5.66	798.81	0.58	40.86
2.467	19.98	55.05	0.38	5.65	617.75	0.53	40.94

2.487	19.97	55.07	0.99	5.65	410.54	0.57	40.97
2.519	19.97	54.99	0.84	5.68	559.41	0.58	40.9
2.548	19.97	54.97	0.99	5.7	371.94	0.5	40.88
2.565	19.96	55.05	0.72	5.74	496.81	0.61	40.96
2.584	19.95	55.07	0.99	5.78	547.23	0.56	40.99
2.608	19.95	54.99	0.92	5.83	462.05	0.57	40.92
2.627	19.95	55.0	1.37	5.9	391.03	0.57	40.92
2.643	19.95	55.06	0.53	5.98	453.35	0.56	40.98
2.663	19.95	55.01	0.99	6.07	451.46	0.6	40.94
2.686	19.95	55.0	0.65	6.18	409.87	0.59	40.93
2.705	19.95	55.04	0.61	6.27	430.91	0.57	40.96
2.721	19.95	55.03	1.11	6.35	464.3	0.67	40.96
2.746	19.95	55.0	0.27	6.41	503.19	0.63	40.93
2.773	19.95	55.0	0.95	6.45	450.31	0.56	40.93
2.793	19.96	55.03	1.37	6.44	488.14	0.6	40.95
2.809	19.96	55.04	0.69	6.41	676.51	0.62	40.96
2.827	19.96	55.05	0.69	6.35	681.86	0.62	40.97
2.852	19.96	55.04	0.69	6.27	780.15	0.63	40.95
2.878	19.96	55.01	0.3	6.18	675.57	0.59	40.93
2.903	19.96	55.05	0.8	6.09	710.91	0.55	40.96
2.923	19.96	55.05	1.22	6.0	467.65	0.62	40.96
2.945	19.96	55.0	1.11	5.92	508.82	0.69	40.92
2.964	19.96	55.04	0.76	5.84	400.57	0.66	40.95
2.983	19.96	55.07	0.95	5.77	407.22	0.6	40.97
3.01	19.96	55.01	1.34	5.72	518.46	0.64	40.92
3.038	19.96	55.02	1.11	5.67	372.71	0.59	40.94
3.062	19.96	55.06	1.26	5.65	405.9	0.64	40.97
3.087	19.96	55.05	0.92	5.65	420.07	0.63	40.96
3.115	19.96	55.03	0.95	5.66	362.32	0.64	40.95
3.139	19.96	55.01	1.11	5.68	374.97	0.58	40.93
3.157	19.96	55.04	0.76	5.72	489.95	0.64	40.96
3.175	19.96	55.07	0.88	5.74	402.06	0.63	40.98
3.194	19.96	55.04	0.69	5.76	346.39	0.62	40.95
3.212	19.96	55.02	0.46	5.77	365.87	0.66	40.93
3.23	19.96	55.04	0.76	5.77	428.52	0.67	40.95
3.255	19.96	55.07	0.5	5.76	388.68	0.61	40.97
3.283	19.97	55.05	0.84	5.74	385.63	0.66	40.96
3.303	19.97	55.02	0.42	5.72	415.23	0.6	40.93
3.318	19.97	55.06	0.72	5.7	440.3	0.63	40.97
3.337	19.97	55.08	0.88	5.69	462.26	0.57	40.98
3.363	19.97	55.06	0.42	5.68	424.47	0.63	40.96
3.387	19.97	55.03	0.65	5.69	572.66	0.64	40.94
3.409	19.96	55.07	0.84	5.7	428.82	0.6	40.97
3.431	19.96	55.09	0.72	5.71	450.63	0.57	40.99
3.456	19.96	55.04	0.8	5.71	484.08	0.64	40.95
3.475	19.96	55.02	1.11	5.71	417.73	0.62	40.94
3.495	19.95	55.09	0.57	5.71	474.64	0.6	41.0
3.522	19.95	55.08	0.72	5.7	523.65	0.61	40.99
3.547	19.95	55.02	0.46	5.7	382.78	0.64	40.94
3.558	19.95	55.05	0.72	5.71	380.04	0.59	40.97
3.573	19.94	55.1	0.76	5.76	417.35	0.6	41.02
3.608	19.94	55.07	0.72	5.84	419.77	0.64	40.99
3.642	19.95	55.02	0.76	5.95	375.14	0.66	40.95
3.66	19.94	55.06	0.53	6.06	340.98	0.63	41.0
3.669	19.92	55.08	0.38	6.18	407.22	0.63	41.02
3.688	19.93	55.06	0.57	6.3	502.49	0.65	41.0
3.719	19.93	55.05	0.61	6.42	422.31	0.7	40.99
3.748	19.93	55.06	0.72	6.52	414.07	0.65	41.0

3.768	19.93	55.06	0.34	6.58	434.62	0.65	41.0
3.786	19.93	55.07	0.61	6.59	578.53	0.65	41.01
3.818	19.93	55.07	0.5	6.56	443.27	0.63	41.01
3.85	19.94	55.05	0.46	6.49	397.71	0.64	40.98
3.87	19.94	55.04	0.38	6.41	467.33	0.64	40.98
3.881	19.93	55.07	0.46	6.31	500.4	0.67	41.01
3.898	19.93	55.08	0.5	6.21	413.02	0.63	41.02
3.926	19.93	55.07	0.61	6.1	377.93	0.64	41.0
3.959	19.94	55.04	0.88	6.02	362.74	0.65	40.98
3.993	19.93	55.08	0.69	5.94	378.2	0.64	41.01
4.027	19.93	55.07	0.95	5.88	381.19	0.63	41.01
4.057	19.93	55.05	0.76	5.83	478.84	0.65	40.99
4.082	19.93	55.06	0.95	5.8	434.12	0.7	40.99
4.104	19.94	55.08	0.84	5.79	416.09	0.67	41.01
4.132	19.94	55.07	1.14	5.79	442.66	0.74	41.0
4.16	19.94	55.06	0.8	5.82	462.58	0.72	40.98
4.184	19.94	55.07	0.72	5.84	424.86	0.72	41.0
4.201	19.94	55.08	1.11	5.84	385.28	0.69	41.0
4.214	19.95	55.07	1.6	5.84	367.57	0.65	40.99
4.231	19.95	55.08	0.99	5.81	351.98	0.66	41.0
4.256	19.95	55.07	0.95	5.76	363.0	0.68	40.99
4.28	19.95	55.06	1.64	5.7	409.78	0.75	40.97
4.303	19.95	55.07	1.83	5.64	371.42	0.72	40.98
4.325	19.95	55.07	1.6	5.57	417.73	0.68	40.98
4.349	19.95	55.08	1.34	5.5	547.61	0.72	40.99
4.383	19.95	55.08	1.34	5.44	588.4	0.72	40.99
4.414	19.96	55.06	1.07	5.37	414.74	0.76	40.97
4.437	19.96	55.08	1.03	5.3	429.82	0.72	40.99
4.461	19.96	55.09	0.88	5.26	554.38	0.69	41.0
4.492	19.96	55.08	0.69	5.21	657.64	0.72	40.99
4.52	19.96	55.07	0.69	5.18	455.14	0.69	40.98
4.538	19.96	55.08	0.61	5.15	395.04	0.69	40.99
4.546	19.96	55.1	0.8	5.13	533.7	0.72	41.01
4.561	19.96	55.1	0.76	5.12	459.17	0.72	41.0
4.582	19.96	55.08	0.8	5.11	350.43	0.7	40.99
4.594	19.96	55.11	0.8	5.1	386.71	0.72	41.01
4.603	19.96	55.12	0.92	5.09	413.21	0.7	41.02
4.619	19.96	55.12	0.99	5.09	362.83	0.74	41.02
4.644	19.96	55.12	0.69	5.09	348.57	0.67	41.02
4.668	19.96	55.13	0.99	5.11	363.84	0.69	41.03
4.68	19.96	55.12	0.76	5.14	341.29	0.71	41.02
4.685	19.96	55.12	0.95	5.17	334.4	0.76	41.02
4.698	19.96	55.15	1.64	5.22	342.48	0.72	41.04
4.716	19.96	55.13	1.3	5.28	359.65	0.72	41.03
4.73	19.96	55.14	1.26	5.38	363.16	0.76	41.04
4.746	19.96	55.15	1.76	5.49	339.95	0.78	41.04
4.769	19.96	55.15	1.68	5.61	326.82	0.72	41.04
4.796	19.96	55.15	1.41	5.75	354.27	0.81	41.05
4.822	19.96	55.15	1.11	5.9	352.79	0.79	41.04
4.843	19.96	55.15	2.63	6.05	360.31	0.78	41.04
4.852	19.97	55.16	1.68	6.19	351.16	0.8	41.04
4.854	19.97	55.16	1.3	6.3	346.95	0.69	41.05
4.857	19.97	55.16	1.49	6.38	339.64	0.7	41.05



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	19.72	54.38	0.0	5.62	270.12	0.46	40.59
PROF (metros)	1.939	0.75	0.713	0.815	1.166	1.065	0.75
MÁXIMO	19.77	19.77	2.63	6.8	1825.5	0.66	40.87
PROF (metros)	1.065	2.222	1.939	1.967	1.695	1.635	2.008

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	19.75	54.47	0.77	5.75	396.85	0.53	40.67
1 - 2m	19.75	54.56	1.34	6.17	533.05	0.58	40.76
2 - 3m	19.73	54.63	1.35	6.4	960.58	0.59	40.83

OBSERVACIONES GENERALES

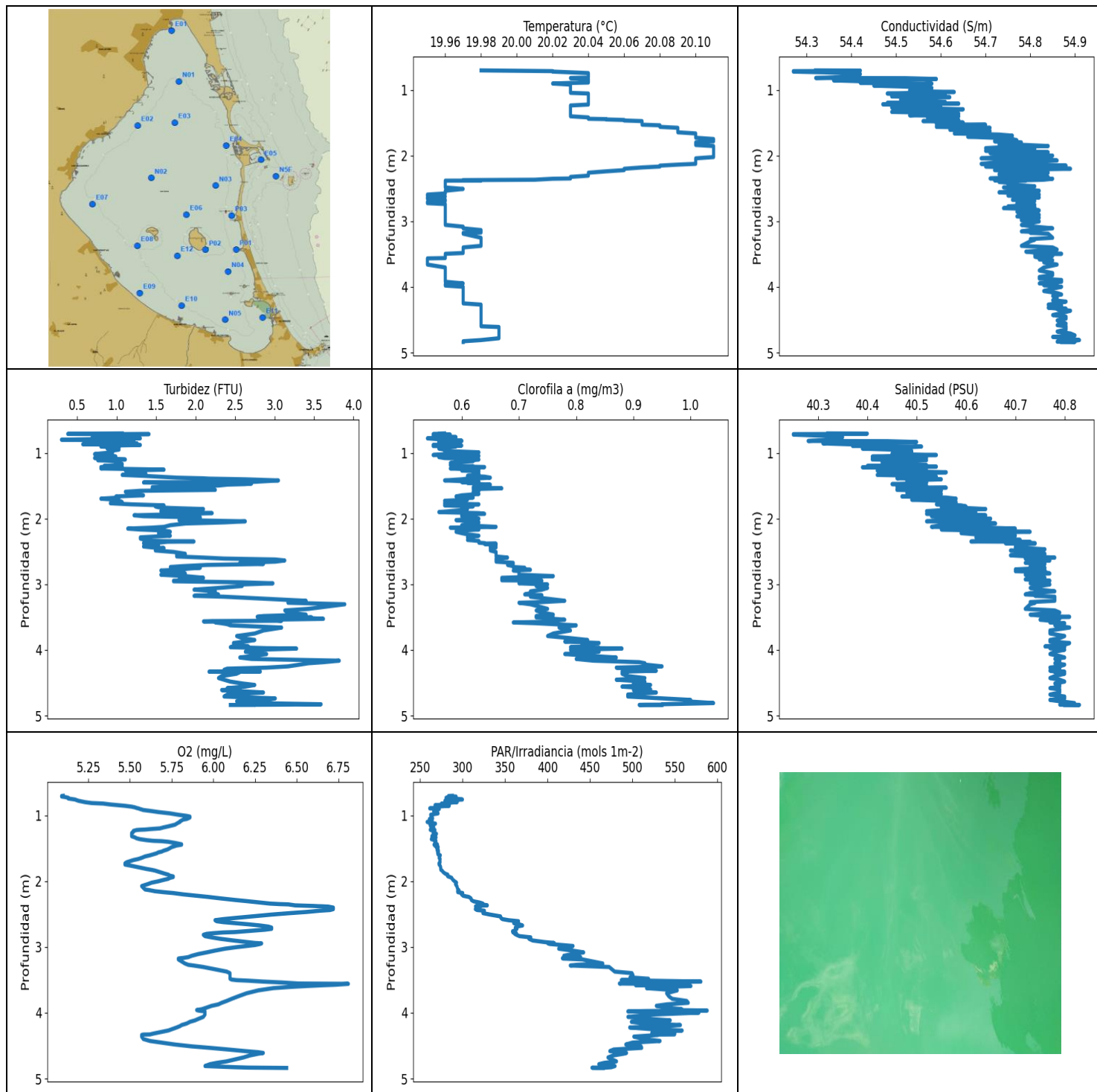
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	19.76	54.48	1.03	5.87	438.37	0.52	40.67
0.713	19.76	54.39	0.0	5.85	309.06	0.51	40.6
0.726	19.76	54.4	0.42	5.83	395.41	0.53	40.61
0.735	19.76	54.45	0.53	5.8	430.71	0.53	40.65
0.746	19.76	54.45	1.6	5.78	333.86	0.52	40.65
0.75	19.76	54.38	1.37	5.76	318.81	0.5	40.59
0.755	19.75	54.48	0.99	5.73	371.94	0.53	40.68
0.773	19.75	54.54	0.84	5.7	349.46	0.52	40.73
0.791	19.75	54.41	0.65	5.68	382.43	0.55	40.63
0.799	19.75	54.47	0.27	5.64	399.37	0.53	40.67
0.8	19.75	54.5	1.18	5.63	346.39	0.53	40.7
0.815	19.75	54.51	1.45	5.62	331.32	0.54	40.71
0.834	19.75	54.43	0.72	5.63	361.65	0.51	40.64
0.846	19.74	54.45	0.46	5.64	418.7	0.53	40.66
0.862	19.74	54.53	1.03	5.65	314.92	0.55	40.73
0.877	19.75	54.45	0.46	5.68	655.97	0.55	40.67
0.89	19.75	54.43	0.46	5.71	450.63	0.54	40.65
0.898	19.75	54.46	0.69	5.75	382.78	0.53	40.66
0.905	19.75	54.48	0.69	5.79	409.4	0.54	40.68
0.91	19.76	54.47	0.42	5.82	362.91	0.53	40.68
0.916	19.75	54.47	0.53	5.85	448.33	0.56	40.67
0.928	19.75	54.5	0.84	5.85	470.15	0.49	40.7
0.944	19.75	54.5	0.53	5.85	342.56	0.55	40.7
0.964	19.75	54.47	0.65	5.84	352.55	0.56	40.68
0.984	19.75	54.48	0.76	5.83	455.67	0.54	40.68
1.002	19.75	54.51	0.84	5.82	439.08	0.54	40.71
1.015	19.76	54.51	1.14	5.81	359.56	0.53	40.7
1.024	19.76	54.52	0.99	5.82	464.52	0.53	40.71
1.034	19.76	54.53	0.57	5.83	331.93	0.52	40.72
1.052	19.76	54.54	0.72	5.85	434.32	0.5	40.72
1.065	19.77	54.47	1.14	5.87	528.28	0.46	40.66
1.07	19.77	54.54	1.6	5.88	385.1	0.52	40.72
1.079	19.77	54.59	1.18	5.88	318.81	0.54	40.76
1.1	19.77	54.55	1.3	5.89	644.67	0.52	40.72
1.115	19.77	54.45	0.92	5.89	361.07	0.54	40.64
1.118	19.77	54.53	1.53	5.88	320.66	0.5	40.71
1.131	19.76	54.63	1.56	5.86	365.11	0.53	40.8
1.151	19.76	54.52	1.11	5.84	421.82	0.53	40.71
1.166	19.76	54.44	1.11	5.83	270.12	0.51	40.64

1.172	19.76	54.55	1.22	5.82	351.24	0.51	40.74
1.176	19.74	54.57	1.6	5.84	401.5	0.52	40.77
1.183	19.74	54.48	1.26	5.89	389.13	0.52	40.7
1.184	19.74	54.47	1.68	5.94	319.99	0.56	40.69
1.189	19.74	54.57	1.22	6.0	368.34	0.59	40.78
1.202	19.73	54.58	1.34	6.07	353.2	0.57	40.79
1.22	19.73	54.48	1.34	6.13	366.97	0.53	40.7
1.233	19.74	54.5	1.3	6.21	360.65	0.56	40.72
1.248	19.74	54.59	0.92	6.27	392.03	0.53	40.79
1.269	19.73	54.58	0.88	6.32	449.37	0.63	40.79
1.293	19.73	54.5	0.84	6.35	337.36	0.58	40.72
1.308	19.73	54.53	1.03	6.36	461.62	0.55	40.74
1.319	19.74	54.6	1.45	6.35	405.43	0.6	40.8
1.335	19.74	54.56	1.64	6.34	410.82	0.57	40.77
1.347	19.73	54.5	1.3	6.32	439.38	0.59	40.72
1.355	19.74	54.58	1.37	6.28	442.86	0.56	40.78
1.362	19.74	54.62	1.22	6.25	382.34	0.57	40.82
1.374	19.74	54.53	2.29	6.22	392.58	0.59	40.73
1.388	19.75	54.49	2.56	6.21	447.71	0.57	40.7
1.396	19.74	54.58	2.1	6.2	429.62	0.56	40.78
1.403	19.74	54.6	1.6	6.21	430.61	0.56	40.8
1.411	19.74	54.52	1.11	6.21	346.71	0.56	40.73
1.42	19.74	54.53	1.22	6.21	362.74	0.57	40.74
1.435	19.74	54.59	1.45	6.2	354.76	0.62	40.79
1.449	19.74	54.53	1.34	6.19	342.4	0.58	40.74
1.462	19.74	54.55	1.22	6.19	358.65	0.58	40.76
1.473	19.74	54.6	2.02	6.17	365.11	0.54	40.79
1.481	19.74	54.54	1.64	6.16	362.16	0.59	40.75
1.487	19.74	54.55	1.14	6.15	431.01	0.59	40.75
1.496	19.75	54.62	1.18	6.14	329.25	0.6	40.8
1.511	19.75	54.55	1.14	6.14	477.07	0.57	40.74
1.52	19.76	54.52	1.83	6.16	421.53	0.61	40.72
1.525	19.75	54.61	1.37	6.18	383.49	0.59	40.8
1.536	19.75	54.6	1.72	6.21	441.94	0.6	40.79
1.549	19.75	54.53	1.3	6.24	480.51	0.63	40.74
1.577	19.75	54.57	1.64	6.29	543.44	0.62	40.76
1.589	19.75	54.6	1.45	6.3	524.02	0.61	40.79
1.604	19.75	54.58	1.53	6.31	891.57	0.64	40.78
1.621	19.75	54.56	2.25	6.3	821.91	0.65	40.76
1.635	19.75	54.61	1.49	6.28	648.11	0.66	40.79
1.649	19.75	54.58	1.3	6.26	755.41	0.61	40.77
1.663	19.75	54.6	1.3	6.24	602.06	0.62	40.79
1.68	19.75	54.58	0.92	6.21	1154.5	0.61	40.77
1.689	19.75	54.59	1.11	6.18	592.1	0.62	40.77
1.695	19.75	54.67	1.11	6.14	1825.5	0.64	40.84
1.707	19.76	54.64	1.07	6.12	664.38	0.62	40.82
1.722	19.76	54.55	0.95	6.11	1796.2	0.62	40.73
1.731	19.75	54.58	0.84	6.11	531.48	0.58	40.77
1.74	19.74	54.66	0.88	6.12	771.87	0.6	40.85
1.757	19.74	54.62	0.65	6.13	823.25	0.59	40.82
1.778	19.74	54.56	0.84	6.15	840.01	0.66	40.76
1.795	19.74	54.63	1.76	6.15	523.53	0.62	40.82
1.939	19.72	54.6	2.63	6.63	514.15	0.64	40.82
1.947	19.72	54.59	1.87	6.72	716.03	0.64	40.8
1.953	19.72	54.64	1.37	6.78	1403.9	0.6	40.85
1.967	19.72	54.62	1.18	6.8	495.43	0.65	40.83
1.984	19.73	54.57	1.68	6.8	922.04	0.63	40.79
1.998	19.72	54.62	1.26	6.77	583.24	0.63	40.83

2.008	19.72	54.66	0.99	6.71	921.62	0.63	40.87
2.018	19.72	54.62	1.22	6.65	591.14	0.61	40.83
2.029	19.72	54.59	1.18	6.59	825.73	0.58	40.81
2.04	19.73	54.63	1.68	6.55	941.04	0.62	40.83
2.067	19.73	54.6	2.06	6.51	754.71	0.59	40.81
2.094	19.73	54.64	1.76	6.49	847.25	0.59	40.85
2.117	19.73	54.64	1.64	6.46	1043.8	0.58	40.84
2.134	19.73	54.6	2.06	6.43	1525.0	0.6	40.81
2.149	19.73	54.65	1.41	6.38	1400.7	0.66	40.85
2.165	19.73	54.64	0.95	6.32	695.42	0.56	40.83
2.179	19.73	54.6	1.11	6.27	1009.0	0.58	40.8
2.197	19.74	54.65	1.34	6.22	1268.1	0.55	40.84
2.222	19.74	54.68	1.03	6.17	736.06	0.56	40.87
2.246	19.74	54.62	1.18	6.13	1180.7	0.63	40.81
2.256	19.74	54.6	0.69	6.11	668.4	0.57	40.8



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	19.95	54.27	0.31	5.09	258.31	0.54	40.25
PROF (metros)	2.593	0.713	0.798	0.705	1.099	0.777	0.713
MÁXIMO	20.11	20.11	3.89	6.81	588.27	1.04	40.83
PROF (metros)	1.747	4.809	3.304	3.56	3.966	4.809	4.837

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E08 - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	20.03	54.43	0.91	5.37	278.7	0.57	40.37
1 - 2m	20.06	54.63	1.43	5.67	270.24	0.61	40.51
2 - 3m	20.0	54.78	1.82	6.15	339.2	0.66	40.7
3 - 4m	19.96	54.83	2.72	6.11	499.61	0.76	40.77
4 - 5m	19.98	54.87	2.72	5.93	502.56	0.91	40.79

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	19.98	54.32	1.07	5.1	287.9	0.57	40.32
0.705	19.99	54.42	0.72	5.09	283.46	0.56	40.4
0.71	20.01	54.4	0.38	5.09	285.51	0.56	40.36
0.713	20.02	54.27	1.41	5.09	292.47	0.55	40.25
0.72	20.02	54.27	0.8	5.11	292.41	0.58	40.25
0.732	20.03	54.34	0.92	5.13	280.59	0.56	40.29
0.743	20.04	54.38	0.99	5.13	291.26	0.55	40.32
0.758	20.04	54.42	0.69	5.17	299.96	0.59	40.35
0.777	20.04	54.41	1.3	5.19	279.29	0.54	40.34
0.798	20.04	54.41	0.3	5.23	293.76	0.57	40.34
0.812	20.04	54.35	1.22	5.27	278.32	0.6	40.29
0.817	20.03	54.32	0.72	5.31	284.85	0.56	40.28
0.82	20.03	54.52	1.07	5.34	275.24	0.6	40.44
0.833	20.04	54.59	0.95	5.38	284.52	0.56	40.5
0.844	20.04	54.38	0.65	5.43	267.63	0.56	40.32
0.854	20.04	54.36	1.26	5.47	284.39	0.57	40.31
0.867	20.04	54.42	0.57	5.51	267.94	0.57	40.36
0.878	20.04	54.49	1.3	5.53	272.32	0.55	40.42
0.887	20.04	54.49	0.95	5.54	271.13	0.6	40.41
0.893	20.03	54.42	0.84	5.55	261.38	0.55	40.37
0.902	20.02	54.58	0.8	5.56	272.7	0.59	40.51
0.918	20.03	54.54	1.03	5.58	269.81	0.57	40.47
0.934	20.03	54.45	0.88	5.63	266.08	0.56	40.39
0.949	20.03	54.52	1.03	5.67	269.62	0.57	40.45
0.969	20.03	54.58	0.92	5.74	271.25	0.57	40.49
0.99	20.03	54.57	0.95	5.79	262.47	0.63	40.49
1.007	20.03	54.53	0.8	5.84	263.63	0.6	40.45
1.018	20.03	54.54	0.72	5.86	263.2	0.57	40.46
1.031	20.03	54.63	0.88	5.86	264.42	0.55	40.54
1.044	20.03	54.54	0.95	5.85	264.85	0.63	40.46
1.054	20.04	54.48	0.99	5.84	261.01	0.56	40.41
1.063	20.04	54.55	0.92	5.82	262.65	0.56	40.47
1.077	20.04	54.61	0.72	5.81	264.24	0.57	40.52
1.09	20.04	54.49	0.99	5.8	264.06	0.62	40.41
1.099	20.04	54.49	1.11	5.8	258.31	0.63	40.41
1.11	20.04	54.62	0.76	5.79	261.8	0.62	40.52
1.125	20.04	54.52	0.99	5.78	268.25	0.62	40.43

1.141	20.04	54.51	0.99	5.77	261.68	0.59	40.43
1.154	20.04	54.51	0.99	5.75	263.63	0.58	40.43
1.166	20.04	54.55	1.07	5.73	262.47	0.59	40.47
1.183	20.04	54.61	1.07	5.7	266.15	0.58	40.52
1.197	20.04	54.48	0.84	5.68	265.22	0.59	40.4
1.202	20.04	54.5	0.95	5.65	265.9	0.62	40.43
1.208	20.04	54.64	1.07	5.62	265.47	0.61	40.54
1.215	20.04	54.53	0.8	5.59	265.78	0.64	40.45
1.218	20.04	54.47	0.84	5.56	261.98	0.59	40.39
1.222	20.04	54.6	0.92	5.54	267.57	0.61	40.51
1.236	20.03	54.6	0.8	5.52	267.26	0.58	40.52
1.254	20.03	54.49	1.6	5.52	265.16	0.63	40.43
1.268	20.03	54.49	1.11	5.51	266.58	0.6	40.42
1.279	20.03	54.57	1.34	5.51	269.37	0.63	40.49
1.294	20.03	54.65	1.26	5.51	265.96	0.62	40.56
1.316	20.03	54.56	1.37	5.51	263.93	0.63	40.48
1.334	20.03	54.49	1.07	5.53	268.87	0.63	40.42
1.348	20.03	54.59	1.34	5.54	264.06	0.61	40.51
1.361	20.03	54.64	1.53	5.56	263.26	0.64	40.54
1.376	20.03	54.55	1.76	5.6	267.82	0.65	40.47
1.386	20.03	54.53	2.1	5.64	268.75	0.63	40.46
1.391	20.03	54.59	2.17	5.69	267.13	0.61	40.5
1.401	20.03	54.64	2.63	5.73	268.06	0.6	40.55
1.418	20.04	54.57	3.05	5.77	268.44	0.57	40.48
1.439	20.04	54.6	2.75	5.81	270.25	0.63	40.5
1.444	20.05	54.63	2.14	5.81	266.45	0.6	40.52
1.449	20.05	54.59	1.34	5.8	270.56	0.62	40.48
1.457	20.06	54.64	1.91	5.78	269.69	0.61	40.52
1.465	20.06	54.6	2.71	5.77	267.82	0.63	40.49
1.474	20.07	54.56	2.63	5.76	271.0	0.63	40.45
1.482	20.07	54.61	2.4	5.75	271.38	0.65	40.48
1.496	20.07	54.65	2.29	5.74	269.62	0.63	40.52
1.511	20.07	54.59	1.6	5.73	270.19	0.64	40.46
1.522	20.07	54.59	1.45	5.72	271.44	0.62	40.47
1.529	20.07	54.7	1.6	5.71	270.06	0.63	40.56
1.538	20.08	54.64	1.53	5.7	271.32	0.67	40.5
1.55	20.08	54.59	1.45	5.69	271.76	0.62	40.46
1.562	20.08	54.59	2.25	5.67	270.69	0.63	40.46
1.576	20.09	54.71	1.3	5.66	270.88	0.63	40.55
1.591	20.09	54.67	1.11	5.64	271.06	0.62	40.51
1.606	20.09	54.62	1.22	5.62	273.91	0.62	40.48
1.624	20.09	54.71	1.18	5.59	273.02	0.63	40.55
1.645	20.09	54.69	1.34	5.57	272.45	0.6	40.53
1.662	20.1	54.63	0.99	5.55	273.65	0.59	40.47
1.679	20.1	54.73	1.03	5.52	273.33	0.62	40.56
1.696	20.1	54.76	0.8	5.5	273.46	0.6	40.58
1.712	20.1	54.66	0.99	5.48	273.59	0.61	40.49
1.728	20.1	54.72	1.03	5.47	272.26	0.57	40.55
1.747	20.11	54.76	1.07	5.47	272.45	0.6	40.58
1.766	20.11	54.77	0.92	5.51	273.78	0.57	40.58
1.782	20.11	54.72	1.18	5.54	274.16	0.63	40.54
1.798	20.1	54.78	1.6	5.57	274.41	0.57	40.59
1.814	20.1	54.78	1.49	5.6	274.29	0.62	40.6
1.827	20.1	54.73	1.53	5.63	274.54	0.6	40.55
1.838	20.1	54.79	1.68	5.65	275.94	0.6	40.6
1.854	20.11	54.84	2.1	5.67	276.78	0.61	40.64
1.871	20.11	54.74	1.91	5.69	278.19	0.6	40.55
1.886	20.11	54.7	1.56	5.71	279.81	0.58	40.52

1.9	20.11	54.81	1.68	5.73	282.74	0.56	40.62
1.916	20.11	54.8	2.21	5.74	282.15	0.63	40.6
1.927	20.11	54.7	1.95	5.76	282.87	0.64	40.52
1.936	20.11	54.77	1.68	5.76	285.11	0.61	40.58
1.949	20.11	54.84	1.22	5.74	287.3	0.6	40.64
1.963	20.11	54.71	1.34	5.73	287.9	0.6	40.53
1.981	20.11	54.74	2.06	5.7	288.84	0.62	40.56
2.001	20.11	54.85	1.91	5.67	290.78	0.63	40.65
2.022	20.11	54.76	1.79	5.63	293.02	0.59	40.58
2.041	20.1	54.69	2.63	5.61	291.73	0.62	40.52
2.057	20.1	54.83	2.36	5.59	292.27	0.63	40.64
2.074	20.1	54.86	1.87	5.57	293.42	0.62	40.66
2.1	20.1	54.73	1.68	5.58	293.9	0.6	40.55
2.125	20.1	54.69	1.6	5.59	294.38	0.66	40.53
2.137	20.09	54.82	1.45	5.62	295.88	0.58	40.64
2.152	20.08	54.88	1.14	5.65	294.24	0.6	40.7
2.166	20.08	54.7	1.3	5.7	294.45	0.63	40.55
2.18	20.07	54.76	1.6	5.76	300.31	0.6	40.61
2.2	20.06	54.89	1.68	5.82	298.85	0.59	40.73
2.221	20.06	54.72	1.53	5.9	300.79	0.6	40.59
2.239	20.05	54.76	1.56	5.97	307.49	0.61	40.62
2.26	20.04	54.84	1.68	6.04	309.99	0.63	40.7
2.285	20.04	54.73	1.3	6.13	310.43	0.61	40.62
2.305	20.04	54.75	1.3	6.21	313.03	0.62	40.64
2.324	20.03	54.84	1.37	6.28	320.14	0.61	40.71
2.34	20.03	54.76	1.45	6.34	324.03	0.63	40.65
2.348	20.03	54.71	1.98	6.4	322.53	0.63	40.61
2.352	20.02	54.85	1.64	6.45	323.5	0.63	40.73
2.367	20.01	54.83	1.53	6.49	329.25	0.63	40.72
2.373	19.97	54.8	1.34	6.57	318.37	0.64	40.74
2.376	19.97	54.72	1.37	6.6	322.15	0.64	40.68
2.38	19.98	54.76	1.53	6.63	317.48	0.64	40.7
2.381	19.96	54.79	1.41	6.65	315.36	0.66	40.74
2.386	19.96	54.76	1.45	6.69	318.15	0.64	40.72
2.401	19.96	54.73	1.53	6.72	318.37	0.66	40.7
2.424	19.96	54.77	1.34	6.72	315.14	0.65	40.72
2.438	19.96	54.75	1.45	6.7	317.19	0.66	40.7
2.448	19.96	54.77	1.6	6.64	325.83	0.65	40.72
2.467	19.96	54.81	1.49	6.56	324.1	0.65	40.76
2.485	19.96	54.74	1.49	6.46	324.1	0.65	40.69
2.507	19.97	54.78	1.72	6.35	332.39	0.66	40.72
2.535	19.96	54.82	1.87	6.23	344.87	0.66	40.76
2.559	19.96	54.73	1.76	6.13	345.27	0.66	40.69
2.576	19.96	54.79	1.76	6.06	346.95	0.66	40.73
2.593	19.95	54.82	2.1	6.01	354.43	0.68	40.78
2.608	19.95	54.75	2.36	6.02	366.04	0.66	40.72
2.622	19.96	54.78	3.01	6.06	364.85	0.66	40.74
2.637	19.95	54.82	3.13	6.13	360.31	0.66	40.77
2.655	19.95	54.77	3.01	6.21	366.89	0.66	40.73
2.673	19.96	54.76	2.56	6.28	370.82	0.69	40.72
2.69	19.96	54.81	2.86	6.33	363.67	0.69	40.76
2.705	19.95	54.8	2.14	6.35	362.16	0.68	40.75
2.724	19.95	54.77	1.83	6.35	364.18	0.69	40.73
2.737	19.96	54.77	1.68	6.31	362.32	0.69	40.73
2.747	19.96	54.81	2.06	6.26	361.9	0.71	40.76
2.761	19.96	54.78	1.91	6.19	358.98	0.71	40.73
2.773	19.96	54.75	1.83	6.13	360.4	0.71	40.7
2.779	19.96	54.81	1.76	6.06	359.4	0.72	40.76

2.79	19.96	54.81	1.56	6.0	363.5	0.69	40.76
2.8	19.96	54.74	1.6	5.96	361.48	0.7	40.7
2.815	19.96	54.81	1.79	5.94	363.59	0.7	40.76
2.835	19.96	54.82	1.87	5.95	367.14	0.7	40.77
2.854	19.96	54.77	1.56	5.99	380.48	0.7	40.72
2.875	19.96	54.8	1.87	6.04	378.28	0.76	40.75
2.901	19.96	54.82	2.1	6.12	382.61	0.67	40.76
2.925	19.96	54.77	1.79	6.2	396.69	0.67	40.72
2.939	19.96	54.79	1.87	6.25	407.98	0.67	40.74
2.945	19.96	54.82	1.72	6.29	400.57	0.74	40.77
2.954	19.96	54.81	1.72	6.28	402.62	0.72	40.76
2.97	19.96	54.78	2.59	6.25	417.44	0.71	40.74
2.985	19.96	54.78	2.98	6.2	430.21	0.7	40.73
3.002	19.96	54.82	2.59	6.14	424.96	0.75	40.77
3.026	19.96	54.8	2.59	6.07	413.3	0.73	40.75
3.055	19.96	54.78	2.29	6.01	429.62	0.75	40.73
3.082	19.97	54.81	1.98	5.96	442.76	0.74	40.75
3.107	19.97	54.85	2.25	5.91	429.91	0.72	40.78
3.134	19.98	54.8	2.17	5.87	419.29	0.72	40.73
3.154	19.98	54.78	2.29	5.85	439.18	0.71	40.72
3.166	19.98	54.82	2.17	5.82	438.77	0.74	40.75
3.171	19.98	54.82	2.02	5.8	417.64	0.73	40.75
3.176	19.97	54.8	1.98	5.79	418.51	0.72	40.74
3.189	19.97	54.84	2.36	5.79	441.43	0.72	40.78
3.251	19.98	54.85	3.4	5.83	465.27	0.78	40.78
3.271	19.98	54.8	3.17	5.85	434.12	0.74	40.73
3.281	19.98	54.81	3.17	5.88	426.94	0.7	40.74
3.304	19.98	54.8	3.89	5.94	472.77	0.72	40.73
3.374	19.98	54.78	3.43	6.08	479.28	0.75	40.72
3.398	19.97	54.85	3.13	6.1	499.7	0.73	40.78
3.43	19.97	54.86	3.17	6.1	500.86	0.74	40.79
3.462	19.97	54.79	3.4	6.1	497.27	0.76	40.73
3.483	19.97	54.82	2.86	6.1	519.18	0.73	40.76
3.495	19.96	54.87	2.78	6.11	516.54	0.74	40.81
3.504	19.96	54.83	3.47	6.14	487.01	0.73	40.78
3.512	19.96	54.81	3.4	6.21	523.05	0.76	40.76
3.526	19.96	54.85	3.62	6.3	580.81	0.76	40.79
3.539	19.96	54.81	2.94	6.41	491.89	0.78	40.75
3.555	19.96	54.82	3.09	6.51	484.76	0.76	40.77
3.56	19.96	54.83	2.21	6.81	519.18	0.76	40.78
3.565	19.95	54.82	2.1	6.78	510.0	0.76	40.78
3.574	19.95	54.82	2.44	6.73	522.2	0.73	40.77
3.581	19.95	54.82	2.25	6.66	503.89	0.69	40.77
3.593	19.95	54.85	2.33	6.56	569.09	0.73	40.8
3.607	19.95	54.83	2.4	6.46	538.92	0.76	40.79
3.625	19.95	54.83	2.44	6.36	516.78	0.8	40.78
3.659	19.95	54.86	3.09	6.27	552.97	0.77	40.81
3.703	19.96	54.83	2.86	6.2	540.42	0.79	40.77
3.749	19.96	54.82	2.75	6.15	543.06	0.76	40.77
3.788	19.96	54.85	2.52	6.11	547.1	0.75	40.8
3.82	19.96	54.85	2.59	6.08	564.1	0.79	40.79
3.848	19.96	54.82	2.75	6.05	565.93	0.82	40.77
3.872	19.96	54.82	2.63	6.03	540.67	0.78	40.77
3.894	19.96	54.87	2.48	5.99	528.28	0.84	40.81
3.921	19.96	54.87	2.48	5.96	540.05	0.81	40.8
3.946	19.97	54.82	2.67	5.93	558.37	0.83	40.76
3.958	19.96	54.86	2.44	5.9	546.59	0.79	40.8
3.966	19.96	54.84	2.71	5.91	588.27	0.84	40.78

3.973	19.96	54.83	2.9	5.93	517.14	0.84	40.77
3.979	19.96	54.84	3.28	5.95	494.75	0.88	40.78
3.997	19.97	54.87	2.78	5.95	578.53	0.79	40.8
4.027	19.97	54.85	2.63	5.95	524.02	0.84	40.78
4.062	19.97	54.83	2.9	5.94	494.86	0.78	40.77
4.093	19.97	54.86	2.71	5.91	521.11	0.83	40.79
4.115	19.97	54.87	2.56	5.89	544.7	0.87	40.8
4.137	19.97	54.85	2.71	5.86	498.89	0.8	40.78
4.163	19.97	54.86	3.82	5.84	513.91	0.83	40.79
4.186	19.97	54.86	3.62	5.81	556.69	0.91	40.79
4.202	19.97	54.85	3.43	5.8	541.3	0.92	40.78
4.223	19.97	54.88	3.32	5.78	496.93	0.92	40.8
4.25	19.97	54.86	3.17	5.75	524.14	0.95	40.79
4.269	19.98	54.84	2.9	5.73	558.76	0.87	40.77
4.285	19.98	54.87	2.4	5.7	525.96	0.89	40.79
4.302	19.98	54.87	2.36	5.67	523.05	0.89	40.79
4.316	19.98	54.84	2.36	5.64	550.15	0.94	40.77
4.329	19.98	54.86	2.82	5.62	549.77	0.89	40.78
4.331	19.98	54.88	2.17	5.58	529.27	0.88	40.8
4.337	19.98	54.86	2.56	5.57	530.12	0.89	40.78
4.362	19.98	54.89	2.52	5.57	501.79	0.88	40.8
4.398	19.98	54.87	2.33	5.58	513.91	0.89	40.78
4.428	19.98	54.85	2.29	5.62	532.71	0.92	40.77
4.453	19.98	54.88	2.36	5.69	500.28	0.87	40.79
4.482	19.98	54.88	2.44	5.77	492.34	0.92	40.8
4.51	19.98	54.86	2.59	5.87	510.47	0.9	40.78
4.533	19.98	54.87	2.75	5.98	511.06	0.93	40.79
4.558	19.98	54.88	2.63	6.09	478.06	0.88	40.79
4.582	19.98	54.86	2.4	6.19	473.54	0.92	40.77
4.599	19.98	54.88	2.56	6.27	489.61	0.93	40.79
4.61	19.99	54.88	2.33	6.3	493.26	0.9	40.79
4.622	19.99	54.88	2.48	6.27	489.84	0.91	40.79
4.648	19.99	54.88	2.86	6.22	477.51	0.94	40.79
4.679	19.99	54.86	2.4	6.18	471.35	0.89	40.77
4.709	19.99	54.89	2.36	6.13	476.4	0.89	40.8
4.738	19.99	54.9	3.01	6.08	481.4	0.95	40.8
4.761	19.99	54.85	2.9	6.02	466.89	1.0	40.77
4.781	19.99	54.88	2.52	5.98	460.55	0.99	40.79
4.809	19.98	54.91	2.75	5.95	479.73	1.04	40.82
4.827	19.97	54.89	3.59	6.13	475.3	0.95	40.82
4.833	19.97	54.86	3.05	6.21	468.74	0.95	40.79
4.835	19.97	54.89	2.75	6.29	452.51	0.92	40.81
4.837	19.97	54.9	2.75	6.37	458.32	0.91	40.83
4.838	19.97	54.87	2.44	6.44	465.92	0.95	40.8