

VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.36	52.9	1.56	5.38	25.56	1.0	42.64
PROF (metros)	0.774	0.7	1.008	0.7	0.768	3.761	0.7
MÁXIMO	16.89	16.89	11.79	7.83	43.81	1.38	43.57
PROF (metros)	4.696	4.642	1.535	4.333	1.954	3.35	4.546

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	16.41	53.1	1.86	5.76	29.5	1.22	42.9
1 - 2m	16.46	53.36	3.54	6.14	34.62	1.17	43.09
2 - 3m	16.59	53.61	3.55	5.79	40.72	1.17	43.17
3 - 4m	16.68	53.92	2.91	6.96	35.75	1.14	43.36
4 - 5m	16.79	54.18	2.63	7.69	28.67	1.22	43.48

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)
0.7	16.49	52.9	1.76	5.38	32.71	1.24	42.64
0.704	16.49	53.03	1.68	5.39	30.9	1.28	42.76
0.713	16.48	53.01	1.91	5.41	34.81	1.3	42.75
0.716	16.46	53.14	1.72	5.46	32.12	1.24	42.88
0.723	16.47	53.05	1.91	5.47	28.97	1.21	42.8
0.734	16.47	52.9	1.83	5.49	30.26	1.28	42.66
0.742	16.47	53.08	1.87	5.51	26.37	1.28	42.82
0.752	16.43	53.2	1.68	5.54	27.28	1.33	42.98
0.759	16.43	52.94	2.06	5.58	27.12	1.21	42.74
0.763	16.43	53.04	1.76	5.62	28.15	1.26	42.83
0.768	16.39	53.19	1.79	5.65	25.56	1.23	43.01
0.769	16.37	53.07	2.06	5.71	27.21	1.18	42.93
0.774	16.36	53.01	2.06	5.76	28.2	1.21	42.87
0.785	16.37	53.11	1.98	5.81	28.65	1.18	42.95
0.795	16.38	53.1	1.95	5.87	27.53	1.12	42.94
0.808	16.38	53.11	2.06	5.92	31.06	1.17	42.95
0.824	16.37	53.12	1.91	5.96	26.81	1.17	42.97
0.83	16.37	53.07	2.21	5.99	27.87	1.16	42.93
0.836	16.36	53.16	1.83	6.01	30.9	1.23	43.02
0.846	16.37	53.16	1.87	6.01	29.39	1.26	43.0
0.853	16.39	53.03	1.72	6.01	27.36	1.2	42.86
0.854	16.4	53.12	1.79	6.0	29.8	1.22	42.94
0.858	16.39	53.2	1.83	5.99	30.34	1.2	43.02
0.863	16.39	53.09	1.72	5.99	26.59	1.17	42.91
0.865	16.39	53.05	1.76	5.97	29.31	1.22	42.89
0.876	16.39	53.21	1.72	5.96	30.97	1.19	43.03
0.894	16.39	53.12	1.87	5.95	28.3	1.25	42.95
0.905	16.38	53.19	1.83	5.84	31.83	1.3	43.02
0.916	16.39	53.13	1.95	5.82	30.6	1.25	42.96
0.942	16.4	53.09	1.91	5.78	30.03	1.21	42.91
0.97	16.41	53.12	1.83	5.76	32.54	1.25	42.93
0.977	16.44	53.23	1.68	5.72	33.72	1.15	43.0
0.989	16.46	53.28	1.76	5.73	30.12	1.17	43.02
1.008	16.48	53.09	1.56	5.74	29.2	1.15	42.82
1.021	16.49	53.17	2.06	5.77	31.12	1.11	42.89
1.026	16.44	53.17	1.95	5.86	30.41	1.15	42.93
1.028	16.45	53.15	2.56	5.9	29.7	1.2	42.9

1.036	16.46	53.27	2.75	5.96	31.92	1.16	43.01
1.046	16.47	53.25	2.59	6.01	31.87	1.24	42.98
1.054	16.48	53.12	3.82	6.06	30.46	1.2	42.85
1.057	16.48	53.22	3.82	6.1	31.08	1.17	42.94
1.06	16.46	53.32	3.78	6.13	32.29	1.14	43.05
1.066	16.46	53.17	3.01	6.14	31.23	1.21	42.92
1.076	16.47	53.16	3.01	6.15	30.87	1.21	42.9
1.082	16.46	53.29	3.13	6.16	31.5	1.24	43.02
1.086	16.45	53.27	2.71	6.15	30.73	1.33	43.02
1.093	16.45	53.15	2.48	6.16	31.75	1.25	42.91
1.099	16.45	53.23	2.9	6.16	31.69	1.3	42.98
1.102	16.44	53.18	2.56	6.2	30.75	1.12	42.96
1.104	16.43	53.31	2.67	6.22	32.31	1.18	43.07
1.112	16.42	53.31	2.59	6.23	33.03	1.24	43.09
1.124	16.42	53.19	2.75	6.24	30.81	1.15	42.97
1.132	16.43	53.21	2.82	6.23	31.21	1.13	42.98
1.148	16.43	53.38	4.62	6.2	32.59	1.15	43.14
1.161	16.43	53.23	4.77	6.17	32.43	1.15	43.0
1.163	16.45	53.23	3.55	6.13	31.1	1.15	42.98
1.167	16.45	53.33	3.28	6.09	32.07	1.14	43.07
1.173	16.44	53.25	3.32	6.07	32.44	1.09	43.01
1.176	16.43	53.29	3.17	6.06	34.2	1.18	43.05
1.18	16.42	53.4	3.17	6.06	31.94	1.14	43.17
1.197	16.42	53.24	2.71	6.07	31.42	1.14	43.02
1.209	16.44	53.2	3.09	6.07	32.58	1.1	42.96
1.218	16.43	53.33	2.59	6.08	32.04	1.18	43.09
1.222	16.41	53.29	2.25	6.1	33.78	1.22	43.08
1.234	16.41	53.26	2.06	6.15	33.66	1.18	43.05
1.258	16.42	53.31	2.02	6.18	32.94	1.21	43.09
1.264	16.43	53.36	1.91	6.24	33.03	1.11	43.12
1.271	16.44	53.32	1.87	6.22	31.61	1.12	43.08
1.289	16.45	53.22	1.72	6.18	32.98	1.11	42.98
1.304	16.44	53.31	1.76	6.12	33.69	1.1	43.06
1.309	16.42	53.38	1.79	6.05	32.47	1.11	43.15
1.314	16.42	53.39	1.76	5.87	32.94	1.08	43.17
1.317	16.41	53.32	2.14	5.84	33.07	1.16	43.11
1.323	16.41	53.23	2.82	5.83	32.49	1.1	43.03
1.329	16.41	53.38	2.14	5.84	33.14	1.12	43.16
1.337	16.41	53.36	2.44	5.87	33.58	1.13	43.15
1.338	16.42	53.22	2.29	5.92	34.36	1.2	43.01
1.34	16.42	53.36	2.25	6.0	33.14	1.15	43.14
1.347	16.4	53.39	2.71	6.08	32.78	1.21	43.18
1.356	16.41	53.28	2.33	6.18	34.54	1.24	43.08
1.367	16.42	53.33	2.44	6.28	33.9	1.29	43.1
1.379	16.42	53.38	2.52	6.38	32.89	1.26	43.15
1.388	16.43	53.33	2.71	6.47	33.31	1.27	43.1
1.394	16.42	53.3	2.59	6.53	35.32	1.26	43.07
1.403	16.42	53.39	2.17	6.59	33.72	1.21	43.16
1.416	16.42	53.33	3.09	6.62	33.2	1.15	43.11
1.423	16.43	53.28	2.94	6.63	34.81	1.1	43.05
1.429	16.41	53.42	3.01	6.62	33.64	1.12	43.19
1.435	16.4	53.36	4.04	6.59	33.27	1.2	43.15
1.44	16.42	53.31	3.13	6.55	34.3	1.15	43.1
1.445	16.42	53.39	2.67	6.5	33.74	1.15	43.15
1.448	16.42	53.35	2.63	6.47	33.33	1.14	43.12
1.458	16.42	53.34	3.51	6.46	34.15	1.16	43.11
1.474	16.43	53.39	3.66	6.46	34.2	1.32	43.16
1.485	16.44	53.38	3.7	6.49	33.64	1.21	43.14

1.491	16.44	53.35	2.86	6.52	33.34	1.14	43.1
1.501	16.45	53.39	2.98	6.54	34.79	1.13	43.14
1.509	16.45	53.37	3.2	6.54	34.15	1.16	43.1
1.512	16.46	53.35	3.05	6.51	33.47	1.17	43.09
1.513	16.46	53.42	2.56	6.47	34.5	1.24	43.14
1.52	16.47	53.37	4.88	6.4	34.48	1.16	43.09
1.529	16.48	53.34	7.13	6.31	33.94	1.09	43.05
1.535	16.48	53.43	11.79	6.22	34.08	1.11	43.13
1.555	16.48	53.44	9.96	5.98	34.36	1.14	43.14
1.559	16.46	53.41	10.34	5.92	34.61	1.16	43.13
1.576	16.47	53.38	9.35	5.85	34.6	1.11	43.1
1.587	16.46	53.46	7.25	5.84	34.52	1.12	43.19
1.601	16.45	53.35	5.76	5.86	35.24	1.14	43.09
1.611	16.46	53.38	4.2	5.89	35.27	1.16	43.11
1.623	16.44	53.47	5.99	5.93	33.95	1.13	43.21
1.631	16.44	53.41	5.19	5.98	34.67	1.15	43.15
1.644	16.45	53.39	3.93	6.02	35.53	1.16	43.13
1.657	16.47	53.38	4.35	6.08	34.4	1.19	43.11
1.664	16.47	53.45	3.82	6.15	34.88	1.17	43.16
1.676	16.48	53.44	3.7	6.21	35.31	1.14	43.15
1.685	16.49	53.36	3.85	6.29	35.13	1.16	43.06
1.689	16.48	53.46	3.59	6.35	34.94	1.14	43.16
1.694	16.46	53.47	2.9	6.4	34.95	1.14	43.18
1.699	16.47	53.39	3.05	6.44	34.88	1.16	43.11
1.71	16.47	53.43	2.71	6.46	34.84	1.22	43.14
1.726	16.47	53.47	3.74	6.45	34.84	1.26	43.18
1.735	16.47	53.4	2.82	6.43	34.67	1.2	43.12
1.738	16.47	53.44	2.67	6.42	35.61	1.09	43.16
1.744	16.47	53.45	4.31	6.27	35.1	1.17	43.16
1.751	16.48	53.47	5.23	6.23	35.77	1.21	43.17
1.758	16.48	53.4	6.41	6.2	35.5	1.19	43.11
1.759	16.48	53.49	4.42	6.17	36.09	1.21	43.19
1.76	16.48	53.43	4.46	6.16	35.66	1.16	43.13
1.766	16.48	53.43	3.24	6.18	35.79	1.14	43.13
1.776	16.49	53.47	2.33	6.18	37.28	1.16	43.16
1.79	16.49	53.47	2.48	6.19	36.01	1.23	43.16
1.805	16.49	53.42	2.94	6.19	36.59	1.19	43.11
1.811	16.48	53.5	1.87	6.05	37.75	1.09	43.19
1.828	16.49	53.43	2.78	6.0	39.59	1.18	43.12
1.851	16.5	53.42	2.48	5.95	41.92	1.2	43.1
1.87	16.5	53.47	1.98	5.89	40.96	1.13	43.15
1.885	16.49	53.5	1.91	5.85	40.02	1.08	43.18
1.891	16.49	53.44	2.36	5.81	42.79	1.09	43.13
1.897	16.5	53.51	5.68	5.77	42.08	1.08	43.19
1.909	16.5	53.52	6.56	5.75	41.98	1.11	43.19
1.919	16.51	53.46	5.0	5.74	42.72	1.06	43.13
1.928	16.51	53.46	3.93	5.73	43.51	1.11	43.13
1.932	16.52	53.48	3.17	5.77	41.38	1.2	43.13
1.937	16.52	53.47	3.62	5.79	41.67	1.17	43.12
1.945	16.52	53.47	4.27	5.79	40.68	1.22	43.12
1.954	16.52	53.48	5.23	5.79	43.81	1.21	43.13
1.965	16.53	53.52	5.61	5.77	42.32	1.17	43.16
1.976	16.53	53.51	5.57	5.75	40.86	1.14	43.16
1.989	16.53	53.51	4.58	5.72	40.3	1.13	43.15
2.001	16.53	53.51	6.41	5.7	41.7	1.14	43.15
2.012	16.53	53.49	5.3	5.68	41.4	1.15	43.13
2.025	16.54	53.54	4.92	5.67	43.13	1.17	43.17
2.038	16.55	53.52	4.54	5.66	41.31	1.32	43.14

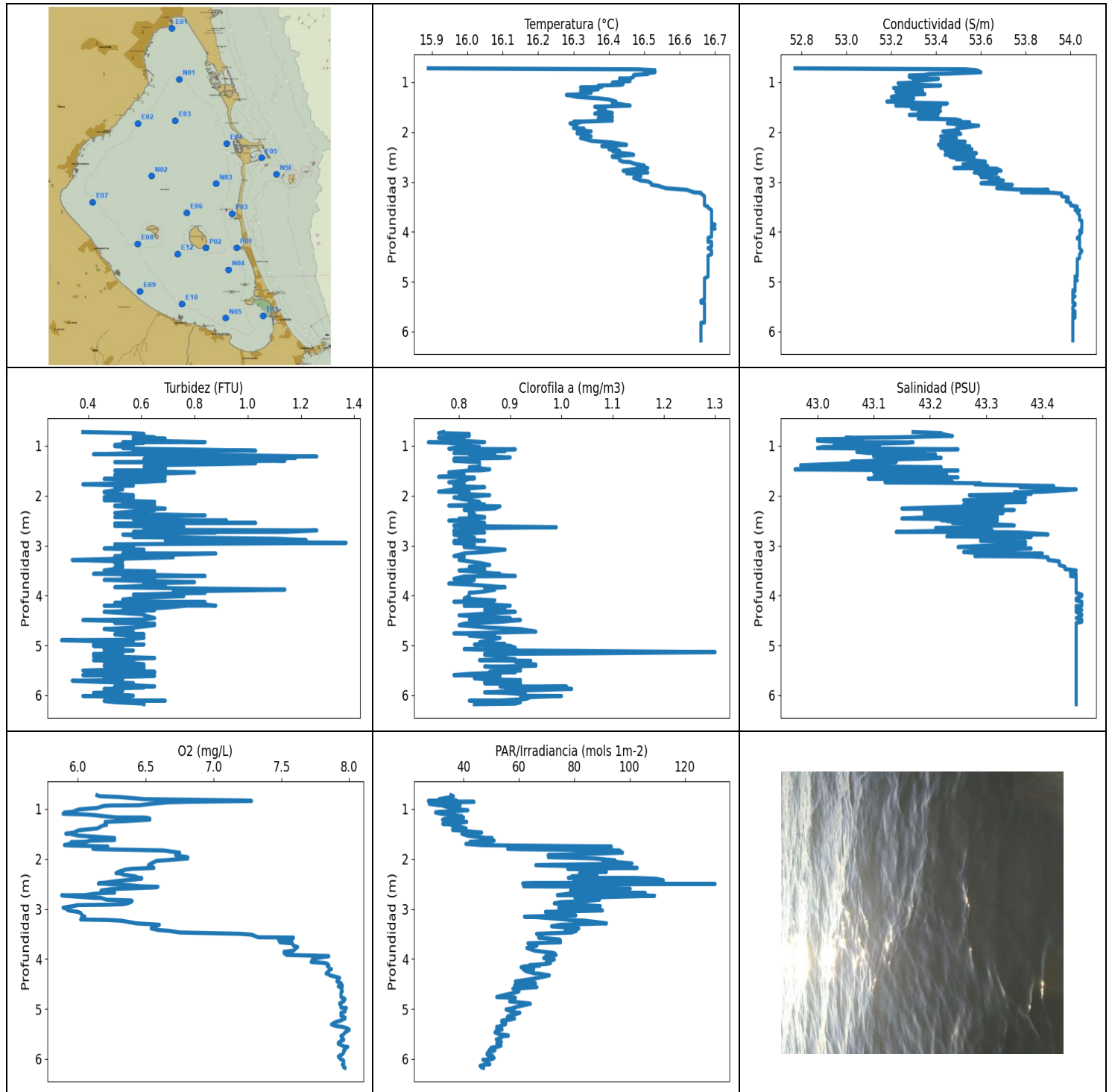
2.05	16.56	53.5	5.34	5.65	40.81	1.26	43.11
2.059	16.57	53.52	5.0	5.64	39.72	1.27	43.12
2.069	16.58	53.54	7.13	5.63	39.9	1.26	43.13
2.083	16.58	53.54	4.77	5.62	42.02	1.17	43.12
2.096	16.59	53.46	5.04	5.61	40.53	1.21	43.04
2.106	16.58	53.57	5.91	5.6	41.42	1.21	43.14
2.118	16.57	53.56	5.26	5.59	42.23	1.22	43.15
2.131	16.57	53.49	5.15	5.59	41.51	1.14	43.09
2.146	16.57	53.55	4.92	5.61	41.11	1.14	43.14
2.162	16.56	53.58	6.41	5.65	42.3	1.16	43.17
2.177	16.56	53.56	5.76	5.72	41.57	1.21	43.16
2.186	16.55	53.52	5.72	5.8	42.59	1.29	43.13
2.195	16.56	53.58	5.3	5.9	42.14	1.21	43.19
2.205	16.56	53.55	5.26	6.01	42.05	1.16	43.16
2.213	16.56	53.56	4.88	6.12	40.75	1.3	43.16
2.226	16.57	53.58	4.46	6.21	41.17	1.24	43.18
2.236	16.57	53.52	3.93	6.27	42.08	1.21	43.12
2.241	16.58	53.54	3.47	6.29	42.05	1.17	43.13
2.245	16.58	53.55	3.62	6.28	41.27	1.14	43.12
2.248	16.59	53.56	3.43	6.24	42.04	1.14	43.14
2.253	16.58	53.55	3.43	6.17	42.06	1.12	43.13
2.263	16.58	53.57	4.0	6.09	40.51	1.13	43.15
2.275	16.58	53.58	3.59	6.01	40.48	1.14	43.16
2.29	16.58	53.61	2.98	5.92	41.22	1.13	43.19
2.309	16.59	53.57	2.82	5.85	41.23	1.11	43.14
2.32	16.59	53.53	3.01	5.8	40.64	1.1	43.11
2.333	16.59	53.61	3.2	5.75	42.44	1.14	43.18
2.351	16.59	53.59	2.71	5.71	42.14	1.16	43.16
2.361	16.59	53.54	2.75	5.68	40.83	1.15	43.11
2.371	16.59	53.63	2.29	5.66	40.94	1.17	43.2
2.386	16.58	53.58	2.14	5.65	42.12	1.18	43.16
2.398	16.58	53.54	2.1	5.64	41.28	1.16	43.12
2.407	16.58	53.62	2.14	5.63	40.64	1.17	43.2
2.417	16.57	53.63	2.75	5.63	40.3	1.24	43.22
2.43	16.57	53.57	2.59	5.63	40.6	1.18	43.16
2.443	16.58	53.6	3.13	5.65	42.32	1.24	43.18
2.454	16.59	53.63	3.55	5.69	40.6	1.21	43.2
2.468	16.59	53.6	3.47	5.74	40.73	1.27	43.17
2.484	16.59	53.59	3.01	5.8	41.14	1.22	43.15
2.5	16.6	53.62	3.13	5.85	41.77	1.09	43.18
2.517	16.6	53.64	2.33	5.9	40.94	1.11	43.19
2.532	16.61	53.61	2.1	5.94	40.57	1.13	43.16
2.545	16.61	53.6	2.4	5.97	41.1	1.14	43.15
2.561	16.61	53.65	2.4	5.98	41.43	1.17	43.19
2.576	16.61	53.6	2.48	5.99	41.15	1.14	43.15
2.589	16.61	53.59	2.52	5.99	40.91	1.15	43.14
2.601	16.62	53.63	2.63	5.99	40.84	1.11	43.17
2.615	16.62	53.65	2.36	5.98	40.64	1.18	43.18
2.632	16.62	53.62	2.25	5.97	40.47	1.14	43.15
2.645	16.62	53.61	2.67	5.95	40.55	1.13	43.15
2.659	16.62	53.65	2.29	5.93	40.37	1.12	43.18
2.665	16.62	53.62	2.02	5.91	41.18	1.13	43.15
2.67	16.63	53.66	2.29	5.88	40.71	1.13	43.19
2.679	16.63	53.67	2.4	5.84	40.39	1.18	43.19
2.685	16.63	53.6	2.4	5.81	40.32	1.14	43.12
2.689	16.63	53.64	2.48	5.78	40.76	1.15	43.16
2.698	16.62	53.69	2.48	5.74	41.12	1.18	43.22
2.705	16.61	53.6	3.47	5.71	40.6	1.24	43.14

2.709	16.62	53.63	4.04	5.68	39.9	1.28	43.17
2.716	16.61	53.69	5.0	5.66	39.81	1.24	43.23
2.73	16.6	53.65	4.88	5.66	40.9	1.24	43.2
2.745	16.6	53.61	4.35	5.66	40.75	1.23	43.17
2.76	16.6	53.67	4.5	5.68	39.75	1.23	43.21
2.771	16.6	53.67	3.89	5.7	40.02	1.21	43.22
2.78	16.6	53.65	3.82	5.74	40.54	1.26	43.2
2.793	16.6	53.64	3.78	5.78	40.16	1.21	43.19
2.804	16.59	53.64	3.2	5.81	39.89	1.21	43.2
2.811	16.59	53.67	3.28	5.84	39.79	1.17	43.22
2.817	16.6	53.67	3.01	5.86	39.48	1.17	43.22
2.827	16.6	53.69	3.17	5.86	39.93	1.24	43.24
2.843	16.6	53.65	3.51	5.84	39.92	1.15	43.2
2.848	16.6	53.63	3.17	5.83	39.4	1.13	43.19
2.85	16.6	53.7	3.05	5.8	39.28	1.1	43.25
2.853	16.6	53.68	3.05	5.76	40.16	1.13	43.23
2.854	16.61	53.67	3.01	5.71	39.24	1.11	43.22
2.857	16.6	53.71	3.13	5.7	39.38	1.1	43.26
2.861	16.6	53.66	5.34	5.69	39.43	1.02	43.21
2.867	16.6	53.64	4.2	5.67	39.88	1.05	43.19
2.878	16.6	53.7	3.36	5.66	39.42	1.08	43.25
2.894	16.6	53.67	2.52	5.64	39.04	1.09	43.22
2.905	16.6	53.63	2.14	5.62	39.88	1.1	43.19
2.913	16.6	53.7	2.33	5.6	39.48	1.1	43.25
2.921	16.59	53.69	2.4	5.6	39.09	1.08	43.25
2.93	16.59	53.66	2.56	5.6	39.52	1.11	43.22
2.942	16.59	53.66	2.82	5.61	39.53	1.16	43.22
2.962	16.59	53.7	2.94	5.64	38.96	1.12	43.26
2.985	16.6	53.68	2.48	5.66	39.05	1.26	43.24
2.997	16.6	53.64	2.82	5.7	39.53	1.15	43.2
3.006	16.59	53.7	2.33	5.72	39.2	1.11	43.26
3.021	16.59	53.69	2.29	5.74	38.54	1.09	43.25
3.032	16.59	53.66	2.29	5.76	38.67	1.29	43.22
3.041	16.59	53.68	2.14	5.78	39.16	1.23	43.23
3.047	16.6	53.69	2.02	5.79	38.68	1.14	43.24
3.053	16.6	53.68	1.95	5.8	38.43	1.08	43.23
3.058	16.6	53.69	2.02	5.81	38.24	1.13	43.24
3.062	16.6	53.7	1.95	5.82	38.39	1.06	43.25
3.07	16.6	53.7	1.87	5.83	38.68	1.11	43.25
3.08	16.6	53.69	2.21	5.84	38.27	1.12	43.24
3.09	16.6	53.7	1.87	5.86	37.93	1.11	43.25
3.1	16.6	53.71	1.87	5.89	38.02	1.06	43.26
3.116	16.6	53.72	1.83	5.92	38.29	1.08	43.27
3.127	16.6	53.68	1.76	5.93	38.19	1.08	43.23
3.132	16.61	53.7	1.98	5.93	37.99	1.13	43.24
3.137	16.61	53.75	1.87	5.94	37.92	1.17	43.28
3.138	16.63	53.76	2.17	5.89	38.21	1.09	43.27
3.141	16.64	53.76	2.48	5.88	38.44	1.11	43.27
3.148	16.64	53.78	2.4	5.86	38.42	1.08	43.27
3.158	16.64	53.79	2.71	5.85	38.35	1.17	43.28
3.169	16.65	53.79	2.29	5.83	38.41	1.15	43.28
3.176	16.65	53.78	2.44	5.83	38.33	1.12	43.27
3.179	16.65	53.8	2.1	5.82	37.9	1.16	43.28
3.183	16.65	53.82	2.29	5.83	37.85	1.13	43.3
3.194	16.65	53.83	2.33	5.81	37.89	1.14	43.32
3.204	16.65	53.84	2.44	5.83	37.92	1.11	43.32
3.212	16.65	53.85	2.63	5.84	37.55	1.1	43.33
3.216	16.65	53.85	2.29	5.86	37.65	1.13	43.33

3.221	16.65	53.86	2.44	5.87	37.75	1.09	43.34
3.228	16.65	53.87	2.17	5.87	37.64	1.13	43.35
3.235	16.66	53.88	2.52	5.88	37.67	1.14	43.35
3.239	16.66	53.88	2.33	5.88	37.38	1.09	43.35
3.244	16.66	53.89	1.98	5.89	37.48	1.08	43.35
3.249	16.66	53.89	1.91	5.91	37.51	1.11	43.35
3.252	16.66	53.89	2.02	5.95	37.38	1.1	43.36
3.256	16.66	53.9	2.02	6.0	37.16	1.08	43.36
3.261	16.66	53.9	1.95	6.07	37.48	1.1	43.37
3.266	16.66	53.9	1.95	6.16	37.48	1.17	43.36
3.27	16.66	53.91	1.95	6.25	37.07	1.17	43.37
3.272	16.66	53.91	1.98	6.35	37.04	1.13	43.37
3.276	16.67	53.91	1.95	6.46	37.16	1.16	43.37
3.281	16.67	53.92	1.83	6.57	37.23	1.13	43.37
3.286	16.67	53.92	2.21	6.66	36.8	1.11	43.37
3.29	16.67	53.92	2.36	6.74	36.79	1.1	43.37
3.297	16.67	53.93	2.36	6.82	37.02	1.08	43.38
3.305	16.67	53.93	2.33	6.88	36.93	1.07	43.38
3.313	16.67	53.93	2.56	6.96	36.72	1.1	43.38
3.325	16.68	53.93	2.21	7.03	36.7	1.12	43.38
3.338	16.68	53.94	2.1	7.08	36.98	1.14	43.38
3.344	16.68	53.94	2.02	7.14	36.85	1.24	43.38
3.35	16.68	53.94	2.25	7.19	36.63	1.38	43.38
3.357	16.68	53.95	2.63	7.24	36.59	1.26	43.39
3.366	16.68	53.97	3.36	7.29	36.49	1.29	43.4
3.38	16.69	53.98	3.51	7.33	36.52	1.25	43.4
3.394	16.7	53.99	3.43	7.39	36.7	1.28	43.41
3.398	16.7	54.0	3.66	7.45	36.55	1.29	43.41
3.409	16.71	54.0	3.66	7.5	36.38	1.21	43.4
3.425	16.71	53.99	3.05	7.54	36.37	1.22	43.39
3.429	16.71	53.99	3.05	7.55	36.2	1.27	43.39
3.436	16.71	53.98	2.9	7.56	36.09	1.24	43.39
3.451	16.7	53.98	3.01	7.55	36.08	1.25	43.39
3.472	16.7	53.98	3.2	7.54	35.78	1.21	43.39
3.499	16.7	53.98	2.71	7.49	35.64	1.22	43.4
3.519	16.7	53.98	2.14	7.47	35.43	1.21	43.39
3.529	16.7	53.98	2.48	7.45	35.4	1.3	43.39
3.537	16.7	53.99	2.33	7.45	35.32	1.17	43.4
3.549	16.7	54.0	2.44	7.45	35.32	1.22	43.41
3.563	16.7	54.0	2.44	7.45	35.17	1.16	43.41
3.578	16.71	54.01	4.16	7.34	35.09	1.16	43.41
3.581	16.71	54.01	4.27	7.36	35.17	1.17	43.4
3.587	16.71	54.01	4.35	7.4	35.16	1.15	43.41
3.593	16.71	54.01	3.74	7.44	34.99	1.2	43.41
3.602	16.71	54.02	5.99	7.49	34.76	1.14	43.41
3.61	16.71	54.01	6.06	7.53	34.89	1.13	43.41
3.615	16.71	54.01	5.3	7.56	34.83	1.14	43.41
3.624	16.71	54.01	4.77	7.59	34.67	1.08	43.41
3.631	16.71	54.02	5.72	7.61	34.69	1.08	43.41
3.633	16.71	54.02	4.62	7.64	34.68	1.08	43.42
3.637	16.71	54.02	4.08	7.67	34.61	1.08	43.41
3.641	16.71	54.01	3.93	7.69	34.48	1.08	43.4
3.648	16.71	54.01	3.82	7.7	34.55	1.13	43.4
3.653	16.71	54.0	3.36	7.71	34.46	1.14	43.4
3.664	16.71	54.0	3.47	7.72	34.36	1.08	43.41
3.678	16.71	54.0	3.51	7.72	34.34	1.08	43.4
3.684	16.71	54.0	3.17	7.7	34.37	1.05	43.4
3.689	16.71	54.0	2.9	7.67	34.23	1.13	43.4

3.696	16.7	54.0	3.13	7.65	34.12	1.05	43.41
3.703	16.7	53.99	3.05	7.62	34.2	1.04	43.4
3.705	16.7	53.99	3.24	7.61	34.13	1.11	43.4
3.707	16.7	53.98	3.2	7.62	33.98	1.06	43.39
3.712	16.7	53.97	3.66	7.64	33.98	1.08	43.39
3.714	16.7	53.98	4.04	7.68	33.93	1.1	43.4
3.717	16.7	53.98	4.16	7.72	33.69	1.05	43.4
3.728	16.7	53.99	4.46	7.76	33.62	1.07	43.4
3.738	16.7	53.99	4.16	7.79	33.7	1.03	43.41
3.742	16.7	53.99	5.07	7.81	33.74	1.03	43.4
3.75	16.7	54.0	3.74	7.8	33.43	1.06	43.41
3.761	16.7	54.0	4.88	7.78	33.38	1.0	43.41
3.775	16.7	54.0	3.59	7.75	33.27	1.01	43.41
3.797	16.7	54.01	3.97	7.72	33.12	1.1	43.42
3.816	16.71	54.02	3.7	7.68	33.11	1.11	43.42
3.833	16.71	54.02	3.43	7.67	32.91	1.04	43.42
3.848	16.71	54.02	2.75	7.67	32.91	1.09	43.42
3.852	16.71	54.02	2.9	7.68	33.03	1.16	43.41
3.856	16.71	54.02	2.82	7.71	33.03	1.12	43.41
3.861	16.71	54.02	2.82	7.74	32.91	1.13	43.41
3.875	16.71	54.02	2.98	7.76	32.86	1.13	43.41
3.892	16.71	54.02	2.67	7.78	32.76	1.1	43.41
3.899	16.71	54.01	2.36	7.76	32.75	1.1	43.41
3.903	16.71	54.01	3.09	7.72	32.6	1.1	43.41
3.908	16.71	54.0	3.17	7.74	32.52	1.1	43.41
3.909	16.71	54.01	2.4	7.75	32.0	1.16	43.41
3.921	16.71	54.0	2.4	7.74	31.9	1.14	43.4
3.939	16.71	54.0	2.71	7.73	31.91	1.13	43.41
3.957	16.71	54.01	3.09	7.72	31.77	1.15	43.41
3.964	16.71	54.01	2.63	7.73	31.83	1.15	43.41
3.972	16.71	54.01	2.59	7.74	31.61	1.33	43.41
3.995	16.71	54.01	2.82	7.75	31.3	1.34	43.41
4.018	16.71	54.0	2.67	7.75	31.15	1.34	43.41
4.033	16.71	54.0	2.59	7.75	31.08	1.31	43.41
4.048	16.71	54.0	2.29	7.76	31.1	1.3	43.4
4.07	16.7	54.0	2.29	7.76	31.0	1.28	43.41
4.084	16.71	54.01	2.17	7.77	31.01	1.25	43.41
4.092	16.71	54.01	2.25	7.78	30.9	1.25	43.41
4.104	16.71	54.01	2.25	7.78	30.7	1.21	43.41
4.122	16.71	54.01	2.44	7.79	30.68	1.31	43.41
4.131	16.71	54.01	2.33	7.8	30.62	1.23	43.41
4.138	16.71	54.01	2.21	7.8	30.56	1.14	43.41
4.15	16.71	54.01	2.1	7.8	30.55	1.27	43.41
4.159	16.72	54.02	2.33	7.75	30.57	1.16	43.42
4.162	16.71	54.02	2.33	7.74	30.55	1.18	43.41
4.172	16.71	54.02	2.56	7.74	30.53	1.2	43.41
4.186	16.71	54.02	2.4	7.75	30.38	1.27	43.42
4.198	16.71	54.02	2.21	7.77	30.33	1.24	43.41
4.207	16.71	54.01	2.29	7.78	30.24	1.23	43.41
4.217	16.71	54.02	2.29	7.8	30.08	1.17	43.42
4.235	16.71	54.04	2.4	7.8	30.03	1.21	43.43
4.251	16.72	54.05	2.33	7.8	29.88	1.22	43.43
4.262	16.72	54.05	2.21	7.79	29.91	1.16	43.43
4.272	16.72	54.05	2.06	7.79	29.81	1.15	43.43
4.284	16.73	54.05	2.29	7.79	29.58	1.24	43.43
4.299	16.73	54.06	2.56	7.79	29.58	1.22	43.44
4.308	16.73	54.06	2.71	7.81	29.56	1.21	43.43
4.319	16.73	54.08	2.4	7.82	29.44	1.21	43.45

4.326	16.74	54.12	2.4	7.82	29.3	1.17	43.48
4.333	16.75	54.1	2.48	7.83	29.25	1.15	43.46
4.339	16.75	54.09	2.52	7.82	29.22	1.22	43.44
4.35	16.75	54.09	2.33	7.8	29.08	1.18	43.44
4.367	16.75	54.11	2.59	7.79	29.0	1.18	43.46
4.379	16.75	54.13	2.4	7.77	29.0	1.2	43.48
4.39	16.76	54.15	2.36	7.76	28.87	1.26	43.48
4.399	16.77	54.14	2.59	7.76	28.85	1.27	43.47
4.404	16.77	54.15	2.4	7.76	28.83	1.34	43.47
4.41	16.77	54.15	2.52	7.76	28.75	1.29	43.47
4.426	16.78	54.16	2.44	7.75	28.59	1.17	43.47
4.444	16.78	54.16	2.4	7.74	28.55	1.21	43.47
4.458	16.78	54.18	2.33	7.73	28.5	1.16	43.48
4.469	16.78	54.19	2.25	7.73	28.44	1.2	43.49
4.477	16.79	54.18	2.48	7.73	28.4	1.31	43.48
4.478	16.79	54.18	2.48	7.73	28.48	1.23	43.48
4.479	16.79	54.19	2.56	7.73	28.32	1.24	43.49
4.492	16.79	54.19	2.67	7.74	28.19	1.33	43.49
4.52	16.8	54.22	2.4	7.75	28.02	1.24	43.51
4.546	16.8	54.3	2.44	7.76	27.94	1.17	43.57
4.564	16.82	54.32	2.4	7.76	27.78	1.16	43.57
4.585	16.84	54.32	2.67	7.76	27.56	1.22	43.55
4.614	16.85	54.36	2.98	7.77	27.31	1.23	43.57
4.642	16.86	54.37	2.82	7.76	27.24	1.23	43.57
4.657	16.87	54.36	2.86	7.74	27.16	1.14	43.55
4.666	16.88	54.37	2.75	7.71	27.02	1.2	43.56
4.675	16.88	54.37	2.71	7.68	26.93	1.22	43.55
4.687	16.88	54.37	3.01	7.63	26.86	1.2	43.55
4.692	16.88	54.37	2.86	7.59	26.85	1.13	43.55
4.696	16.89	54.37	3.13	7.54	26.8	1.24	43.55
4.698	16.89	54.37	3.09	7.5	26.77	1.3	43.55
4.701	16.89	54.37	3.51	7.47	26.8	1.21	43.55
4.704	16.88	54.37	3.59	7.44	26.72	1.22	43.55
4.705	16.88	54.37	3.62	7.41	26.75	1.2	43.55
4.708	16.88	54.37	3.43	7.39	26.69	1.23	43.55
4.715	16.88	54.36	3.01	7.37	26.59	1.27	43.54
4.727	16.88	54.36	3.17	7.35	26.51	1.15	43.54
4.736	16.88	54.37	3.13	7.35	26.44	1.24	43.55
4.748	16.88	54.37	3.28	7.35	26.12	1.24	43.55
4.76	16.88	54.37	3.62	7.35	25.97	1.17	43.55
4.763	16.88	54.37	3.01	7.37	25.88	1.13	43.55
4.765	16.88	54.37	3.24	7.39	25.88	1.14	43.55
4.767	16.88	54.37	3.32	7.41	25.88	1.11	43.55



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	15.89	52.77	0.31	5.88	27.31	0.74	42.97
PROF (metros)	0.723	0.723	4.895	2.726	0.838	0.929	1.389
MÁXIMO	16.7	16.7	1.37	8.0	130.86	1.3	43.47
PROF (metros)	3.855	3.779	2.943	5.407	2.499	5.134	3.981

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	16.43	53.36	0.59	6.51	34.58	0.79	43.12
1 - 2m	16.36	53.35	0.66	6.21	48.14	0.82	43.19
2 - 3m	16.44	53.55	0.71	6.29	85.67	0.82	43.29
3 - 4m	16.66	53.96	0.61	6.96	72.91	0.83	43.42
4 - 5m	16.68	54.04	0.59	7.9	62.81	0.85	43.46
5 - 6m	16.67	54.01	0.52	7.95	53.39	0.9	43.46
6 - 7m	16.66	54.01	0.55	7.96	47.85	0.9	43.46

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

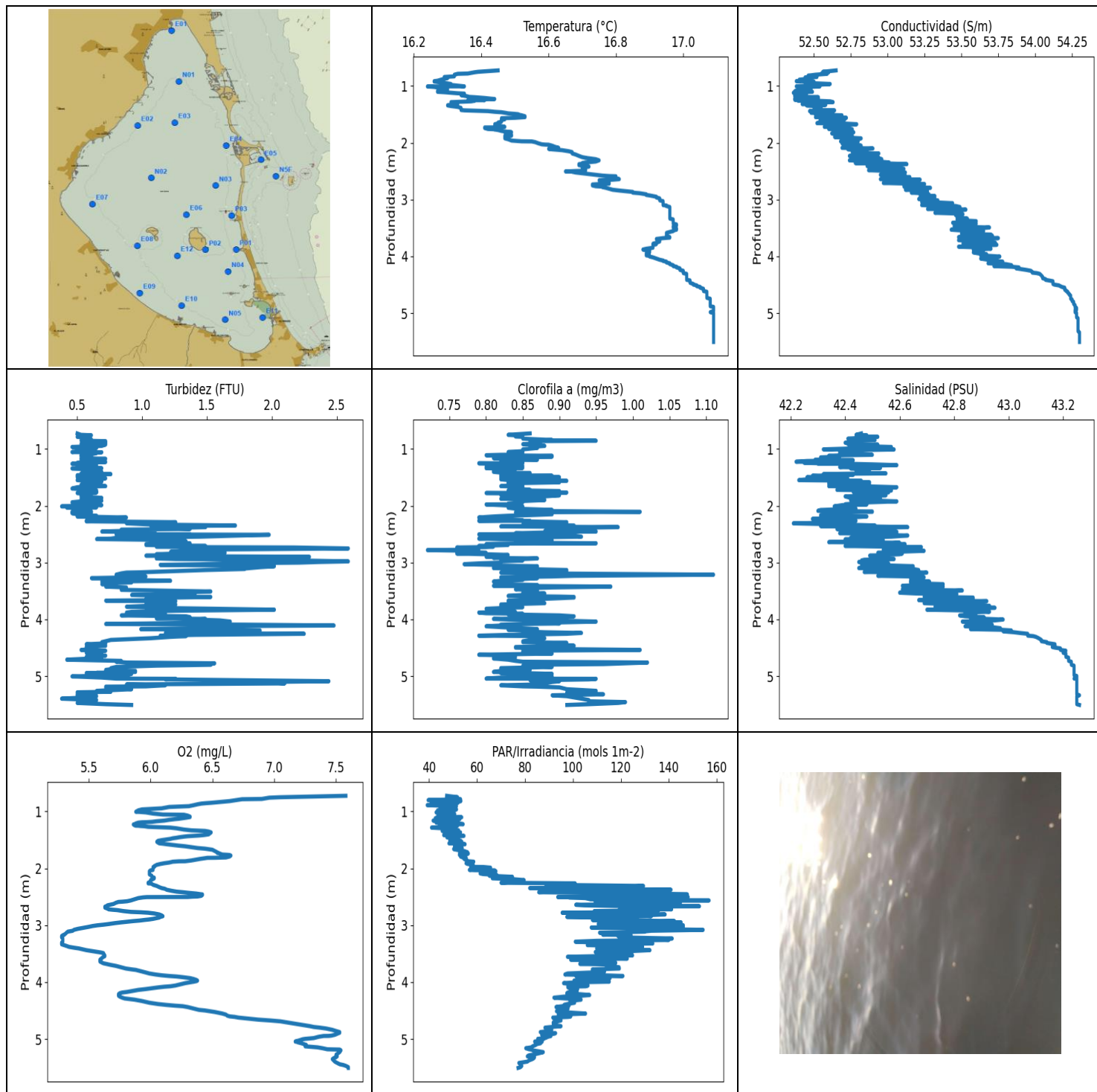
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.723	15.89	52.77	0.38	6.14	35.5	0.77	43.17
0.743	16.48	53.53	0.57	6.16	36.41	0.76	43.22
0.76	16.53	53.58	0.61	6.31	35.41	0.82	43.22
0.802	16.53	53.6	0.57	6.49	31.17	0.82	43.24
0.829	16.5	53.46	0.65	7.22	37.45	0.78	43.14
0.838	16.51	53.37	0.57	7.28	27.31	0.76	43.05
0.856	16.47	53.35	0.69	6.79	43.83	0.79	43.08
0.866	16.47	53.28	0.57	6.66	36.63	0.81	43.0
0.895	16.47	53.28	0.61	6.54	27.65	0.8	43.0
0.924	16.46	53.3	0.84	6.45	31.11	0.85	43.04
0.929	16.43	53.41	0.53	6.24	38.8	0.74	43.17
0.938	16.44	53.41	0.61	6.19	32.84	0.78	43.16
0.979	16.46	53.3	0.5	6.14	35.4	0.81	43.03
1.007	16.41	53.32	0.5	6.01	38.0	0.82	43.11
1.023	16.42	53.23	0.57	5.99	41.6	0.84	43.01
1.043	16.44	53.24	0.53	5.97	37.04	0.79	43.0
1.057	16.43	53.35	0.57	5.96	31.06	0.78	43.12
1.068	16.37	53.42	0.72	5.9	29.9	0.91	43.25
1.096	16.38	53.27	1.03	5.89	31.97	0.83	43.1
1.105	16.32	53.3	0.57	6.03	34.6	0.89	43.19
1.118	16.35	53.21	0.57	6.11	35.34	0.83	43.07
1.142	16.37	53.25	0.61	6.19	39.43	0.79	43.09
1.169	16.34	53.33	0.42	6.29	37.63	0.87	43.2
1.17	16.33	53.34	0.76	6.48	40.05	0.82	43.21
1.177	16.32	53.31	0.8	6.51	37.88	0.83	43.2
1.191	16.33	53.22	0.99	6.53	33.51	0.84	43.1
1.212	16.35	53.24	1.26	6.53	32.43	0.86	43.1
1.232	16.33	53.29	0.8	6.41	35.68	0.9	43.17
1.239	16.33	53.35	1.18	6.36	37.62	0.89	43.22
1.257	16.28	53.26	0.61	6.2	41.19	0.79	43.19
1.266	16.29	53.23	0.99	6.2	39.8	0.83	43.15
1.296	16.31	53.2	1.14	6.21	32.53	0.79	43.11
1.318	16.36	53.21	0.61	6.21	37.82	0.82	43.06
1.324	16.37	53.3	0.5	6.19	35.68	0.84	43.14
1.349	16.4	53.26	1.03	6.17	38.54	0.84	43.06

1.389	16.42	53.18	0.65	6.14	40.98	0.84	42.97
1.415	16.41	53.33	0.61	6.04	36.03	0.84	43.11
1.428	16.42	53.45	0.69	6.0	38.44	0.82	43.22
1.471	16.46	53.22	0.69	5.97	46.56	0.86	42.96
1.492	16.36	53.42	0.65	5.91	41.37	0.84	43.25
1.493	16.36	53.39	0.5	5.94	39.42	0.82	43.22
1.531	16.39	53.29	0.8	6.0	41.37	0.78	43.1
1.575	16.37	53.41	0.57	6.26	47.94	0.8	43.23
1.578	16.38	53.42	0.5	6.27	50.36	0.81	43.23
1.621	16.41	53.32	0.69	6.27	47.42	0.76	43.1
1.631	16.36	53.41	0.5	6.09	51.11	0.83	43.25
1.655	16.4	53.28	0.5	6.06	42.33	0.83	43.09
1.661	16.4	53.39	0.46	5.95	50.18	0.82	43.18
1.696	16.41	53.4	0.69	5.94	40.87	0.81	43.18
1.721	16.37	53.41	0.61	5.9	46.58	0.79	43.24
1.728	16.4	53.32	0.57	5.94	55.65	0.78	43.12
1.749	16.39	53.49	0.53	6.22	93.4	0.81	43.29
1.771	16.41	53.51	0.38	6.2	80.47	0.8	43.28
1.797	16.3	53.48	0.57	6.11	55.97	0.79	43.38
1.803	16.32	53.55	0.53	6.15	59.88	0.79	43.42
1.828	16.29	53.45	0.5	6.63	96.3	0.85	43.36
1.873	16.31	53.59	0.53	6.75	97.45	0.79	43.46
1.92	16.3	53.51	0.46	6.72	70.57	0.76	43.4
1.931	16.33	53.49	0.46	6.73	82.6	0.82	43.35
1.963	16.31	53.5	0.5	6.81	70.69	0.8	43.38
1.987	16.35	53.43	0.57	6.81	87.39	0.86	43.27
2.027	16.31	53.48	0.46	6.63	94.77	0.81	43.36
2.036	16.32	53.51	0.57	6.58	90.44	0.79	43.37
2.088	16.35	53.42	0.46	6.54	100.87	0.82	43.26
2.122	16.32	53.49	0.65	6.52	66.12	0.84	43.37
2.134	16.33	53.47	0.53	6.54	74.22	0.82	43.33
2.177	16.35	53.42	0.65	6.56	102.73	0.85	43.26
2.195	16.38	53.53	0.5	6.4	77.68	0.78	43.33
2.21	16.41	53.51	0.5	6.35	84.85	0.88	43.28
2.255	16.45	53.41	0.69	6.3	91.62	0.87	43.15
2.283	16.38	53.55	0.61	6.28	81.95	0.81	43.35
2.286	16.39	53.49	0.65	6.31	86.62	0.82	43.28
2.314	16.42	53.42	0.57	6.34	88.22	0.82	43.19
2.345	16.4	53.56	0.5	6.42	79.14	0.82	43.33
2.357	16.42	53.47	0.53	6.43	80.41	0.83	43.24
2.376	16.43	53.44	0.53	6.45	77.86	0.83	43.19
2.377	16.41	53.52	0.69	6.47	102.02	0.82	43.29
2.394	16.42	53.46	0.84	6.47	109.6	0.82	43.22
2.426	16.44	53.58	0.5	6.34	112.19	0.85	43.32
2.439	16.46	53.46	0.61	6.29	83.99	0.85	43.18
2.457	16.47	53.44	0.65	6.24	79.74	0.8	43.15
2.472	16.44	53.53	0.57	6.2	91.77	0.8	43.27
2.483	16.41	53.54	0.72	6.16	64.48	0.82	43.31
2.49	16.42	53.46	0.76	6.15	61.38	0.82	43.22
2.491	16.42	53.57	0.92	6.19	95.48	0.79	43.32
2.499	16.41	53.52	0.88	6.22	130.86	0.78	43.29
2.506	16.42	53.47	0.69	6.26	70.9	0.8	43.23
2.513	16.43	53.53	0.65	6.32	71.03	0.83	43.28
2.526	16.43	53.56	0.72	6.39	67.6	0.84	43.31
2.545	16.43	53.49	1.03	6.46	61.73	0.85	43.24
2.554	16.43	53.54	0.5	6.59	91.05	0.84	43.29
2.567	16.43	53.57	0.57	6.57	83.53	0.83	43.31
2.595	16.44	53.62	0.61	6.3	100.22	0.79	43.35

2.603	16.46	53.56	0.5	6.24	95.63	0.79	43.28
2.63	16.47	53.57	0.76	6.17	78.66	0.99	43.27
2.646	16.48	53.52	0.69	6.2	84.62	0.85	43.21
2.671	16.5	53.57	0.69	6.27	82.41	0.84	43.24
2.68	16.49	53.63	0.61	6.18	105.68	0.82	43.31
2.695	16.49	53.59	1.26	6.12	77.74	0.79	43.26
2.723	16.51	53.48	1.14	6.05	73.91	0.81	43.14
2.726	16.48	53.61	0.57	5.88	103.12	0.79	43.3
2.734	16.48	53.67	0.88	5.9	109.01	0.85	43.36
2.776	16.44	53.69	0.57	6.12	80.26	0.79	43.41
2.777	16.47	53.65	0.53	6.17	89.17	0.79	43.34
2.813	16.51	53.57	0.61	6.21	89.11	0.81	43.23
2.828	16.45	53.67	0.57	6.39	86.1	0.8	43.38
2.838	16.47	53.59	0.76	6.4	84.64	0.83	43.29
2.861	16.49	53.61	1.11	6.39	75.18	0.82	43.29
2.888	16.49	53.64	1.22	6.36	72.78	0.83	43.32
2.902	16.48	53.6	0.69	6.33	76.68	0.85	43.29
2.906	16.48	53.62	0.88	6.28	81.2	0.79	43.31
2.913	16.48	53.65	1.18	6.22	79.8	0.81	43.34
2.921	16.47	53.68	0.88	6.0	83.41	0.83	43.37
2.943	16.48	53.64	1.37	5.96	89.42	0.79	43.32
2.972	16.49	53.7	0.5	5.89	74.4	0.83	43.37
2.989	16.51	53.66	0.53	5.91	83.95	0.81	43.32
3.028	16.52	53.6	0.57	5.93	90.19	0.81	43.25
3.057	16.52	53.74	0.46	6.0	69.6	0.85	43.38
3.079	16.54	53.72	0.61	6.02	72.41	0.89	43.33
3.126	16.56	53.67	0.61	6.03	80.58	0.85	43.26
3.152	16.61	53.76	0.53	6.05	62.01	0.81	43.29
3.158	16.62	53.9	0.88	6.03	65.82	0.81	43.4
3.209	16.64	53.78	0.5	6.02	77.16	0.79	43.28
3.217	16.66	53.92	0.57	6.21	78.01	0.81	43.38
3.233	16.66	53.96	0.72	6.32	83.86	0.81	43.41
3.286	16.67	53.96	0.34	6.43	91.64	0.8	43.41
3.314	16.67	53.99	0.53	6.6	75.11	0.82	43.43
3.345	16.67	53.99	0.5	6.57	71.81	0.84	43.43
3.388	16.67	53.98	0.53	6.54	81.63	0.86	43.43
3.422	16.67	54.0	0.53	6.6	76.79	0.82	43.44
3.435	16.67	54.0	0.5	6.67	80.78	0.83	43.44
3.469	16.67	54.0	0.5	6.75	79.1	0.85	43.44
3.496	16.68	54.03	0.46	7.2	66.4	0.8	43.46
3.513	16.68	54.03	0.65	7.28	68.51	0.82	43.45
3.565	16.69	54.02	0.42	7.33	67.88	0.88	43.45
3.571	16.69	54.04	0.5	7.59	67.14	0.85	43.46
3.609	16.69	54.03	0.84	7.58	74.61	0.91	43.45
3.616	16.69	54.03	0.53	7.48	74.92	0.81	43.46
3.665	16.69	54.04	0.65	7.49	75.06	0.79	43.46
3.686	16.69	54.04	0.46	7.58	63.28	0.83	43.46
3.731	16.69	54.04	0.8	7.59	66.56	0.81	43.46
3.76	16.69	54.04	0.61	7.62	64.49	0.78	43.46
3.779	16.69	54.05	0.69	7.61	62.92	0.82	43.46
3.833	16.69	54.05	0.5	7.59	65.74	0.89	43.46
3.855	16.7	54.05	0.76	7.52	69.1	0.85	43.46
3.881	16.69	54.05	1.14	7.52	72.82	0.87	43.46
3.918	16.69	54.05	0.72	7.54	73.46	0.85	43.46
3.939	16.7	54.05	0.8	7.83	69.73	0.83	43.46
3.943	16.69	54.05	0.84	7.85	70.77	0.82	43.46
3.981	16.69	54.04	0.57	7.76	68.96	0.82	43.47
4.008	16.69	54.05	0.76	7.73	72.83	0.82	43.47

4.059	16.69	54.04	0.57	7.72	69.91	0.81	43.46
4.079	16.69	54.04	0.53	7.82	71.45	0.84	43.46
4.096	16.69	54.04	0.57	7.84	70.2	0.87	43.46
4.123	16.68	54.03	0.53	7.85	63.84	0.79	43.47
4.133	16.68	54.03	0.84	7.85	67.55	0.85	43.47
4.146	16.68	54.04	0.5	7.84	62.2	0.84	43.47
4.164	16.68	54.04	0.8	7.85	60.8	0.82	43.47
4.201	16.68	54.04	0.88	7.86	62.2	0.9	43.47
4.203	16.69	54.04	0.46	7.87	65.39	0.81	43.47
4.207	16.69	54.04	0.76	7.86	61.65	0.88	43.46
4.241	16.69	54.04	0.69	7.85	62.47	0.89	43.46
4.289	16.69	54.04	0.53	7.83	65.77	0.85	43.47
4.292	16.69	54.04	0.65	7.84	67.21	0.86	43.46
4.327	16.68	54.04	0.46	7.86	71.02	0.91	43.46
4.376	16.69	54.05	0.61	7.93	67.02	0.83	43.47
4.396	16.69	54.05	0.61	7.92	65.0	0.8	43.47
4.45	16.69	54.04	0.65	7.91	58.74	0.9	43.46
4.48	16.68	54.04	0.61	7.94	65.99	0.82	43.47
4.491	16.68	54.04	0.38	7.94	61.36	0.92	43.47
4.526	16.68	54.04	0.61	7.95	58.48	0.88	43.47
4.548	16.68	54.03	0.5	7.92	65.94	0.83	43.46
4.562	16.68	54.03	0.65	7.95	66.54	0.81	43.46
4.593	16.68	54.03	0.65	7.94	57.83	0.8	43.46
4.644	16.68	54.03	0.57	7.95	60.09	0.86	43.46
4.672	16.68	54.03	0.46	7.94	58.74	0.92	43.46
4.723	16.68	54.03	0.57	7.94	54.54	0.95	43.46
4.76	16.68	54.03	0.53	7.94	52.02	0.79	43.46
4.777	16.68	54.03	0.61	7.95	58.78	0.87	43.46
4.778	16.68	54.03	0.5	7.96	57.97	0.82	43.46
4.805	16.68	54.03	0.57	7.97	58.16	0.82	43.46
4.848	16.68	54.03	0.61	7.96	56.69	0.88	43.46
4.888	16.68	54.03	0.53	7.93	63.75	0.86	43.46
4.895	16.68	54.02	0.3	7.93	64.19	0.86	43.46
4.933	16.67	54.02	0.57	7.94	61.01	0.84	43.46
4.973	16.67	54.03	0.42	7.94	58.12	0.89	43.46
4.979	16.67	54.02	0.61	7.98	58.51	0.83	43.46
5.008	16.67	54.02	0.42	7.97	55.37	0.9	43.46
5.048	16.67	54.02	0.53	7.97	57.37	0.91	43.46
5.072	16.67	54.02	0.46	7.95	59.27	0.85	43.46
5.074	16.67	54.02	0.46	7.94	60.38	0.81	43.46
5.1	16.67	54.02	0.57	7.94	59.0	0.9	43.46
5.134	16.67	54.02	0.46	7.94	56.46	1.3	43.46
5.159	16.67	54.02	0.53	7.96	55.82	1.03	43.46
5.167	16.67	54.02	0.46	7.97	55.92	0.91	43.46
5.171	16.67	54.01	0.42	7.97	57.11	0.85	43.46
5.19	16.67	54.02	0.46	7.97	58.47	0.85	43.46
5.213	16.67	54.01	0.42	7.95	56.7	0.89	43.46
5.23	16.67	54.01	0.53	7.94	53.85	0.87	43.46
5.251	16.67	54.01	0.65	7.91	53.8	0.89	43.46
5.276	16.67	54.01	0.53	7.89	54.79	0.91	43.46
5.294	16.67	54.02	0.42	7.88	55.29	0.84	43.46
5.308	16.67	54.01	0.57	7.87	55.02	0.94	43.46
5.328	16.67	54.01	0.46	7.89	53.69	0.91	43.46
5.342	16.67	54.01	0.5	7.91	53.84	0.92	43.46
5.356	16.67	54.01	0.57	7.95	51.98	0.92	43.46
5.38	16.66	54.01	0.61	7.98	52.37	0.95	43.46
5.407	16.66	54.01	0.46	8.0	53.96	0.95	43.46
5.421	16.66	54.01	0.5	8.0	52.96	0.89	43.46

5.422	16.67	54.01	0.61	8.0	51.86	0.85	43.46
5.435	16.67	54.02	0.57	7.99	52.13	0.87	43.46
5.467	16.67	54.02	0.61	7.97	51.36	0.92	43.46
5.503	16.67	54.01	0.38	7.96	52.8	0.92	43.46
5.527	16.67	54.01	0.65	7.95	56.2	0.86	43.46
5.536	16.67	54.01	0.57	7.94	56.16	0.91	43.46
5.545	16.67	54.01	0.65	7.94	53.86	0.88	43.46
5.569	16.67	54.01	0.61	7.95	53.75	0.82	43.46
5.595	16.67	54.02	0.38	7.95	52.63	0.79	43.46
5.608	16.67	54.02	0.65	7.96	51.83	0.88	43.46
5.619	16.67	54.01	0.61	7.96	52.51	0.85	43.46
5.637	16.67	54.01	0.46	7.94	52.54	0.88	43.46
5.657	16.67	54.02	0.46	7.93	53.71	0.83	43.46
5.677	16.67	54.01	0.53	7.92	52.07	0.85	43.46
5.694	16.67	54.01	0.5	7.92	53.01	0.92	43.46
5.707	16.67	54.02	0.34	7.93	52.15	0.91	43.46
5.717	16.67	54.02	0.38	7.94	52.54	0.85	43.46
5.732	16.67	54.01	0.46	7.95	53.58	0.88	43.46
5.754	16.67	54.01	0.57	7.97	52.31	0.92	43.46
5.756	16.67	54.01	0.57	7.99	52.26	0.85	43.46
5.771	16.67	54.01	0.57	7.98	50.07	0.9	43.46
5.798	16.67	54.01	0.57	7.97	49.74	0.92	43.46
5.82	16.67	54.01	0.65	7.97	49.34	0.89	43.46
5.821	16.66	54.01	0.5	7.96	51.09	0.88	43.46
5.824	16.66	54.01	0.53	7.96	51.41	1.01	43.46
5.842	16.66	54.01	0.61	7.96	50.76	0.89	43.46
5.871	16.66	54.01	0.46	7.96	48.68	1.02	43.46
5.908	16.66	54.01	0.53	7.95	48.5	0.9	43.46
5.933	16.66	54.01	0.5	7.93	48.96	0.87	43.46
5.94	16.66	54.01	0.5	7.93	50.64	0.85	43.46
5.95	16.66	54.01	0.42	7.92	50.29	0.89	43.46
5.979	16.66	54.01	0.5	7.93	51.08	0.93	43.46
6.009	16.66	54.01	0.57	7.94	49.93	0.92	43.46
6.013	16.66	54.01	0.38	7.95	47.02	1.0	43.46
6.034	16.66	54.01	0.53	7.96	48.05	0.94	43.46
6.073	16.66	54.01	0.53	7.96	48.67	0.93	43.46
6.105	16.66	54.01	0.57	7.96	49.54	0.88	43.46
6.108	16.66	54.01	0.69	7.95	48.17	0.82	43.46
6.111	16.66	54.01	0.46	7.95	47.45	0.86	43.46
6.137	16.66	54.01	0.5	7.96	46.0	0.92	43.46
6.165	16.66	54.01	0.61	7.96	46.44	0.91	43.46
6.177	16.66	54.01	0.61	7.97	47.25	0.83	43.46



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.24	52.36	0.38	5.28	39.29	0.72	42.21
PROF (metros)	1.009	1.12	2.011	3.191	0.89	2.781	2.31
MÁXIMO	17.09	17.09	2.59	7.6	156.75	1.11	43.26
PROF (metros)	4.891	5.338	2.752	5.495	2.565	3.214	5.338

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	16.32	52.5	0.59	6.52	47.7	0.86	42.46
1 - 2m	16.41	52.56	0.59	6.22	51.13	0.84	42.42
2 - 3m	16.74	53.02	1.12	5.97	106.97	0.85	42.48
3 - 4m	16.94	53.52	1.17	5.63	116.89	0.85	42.72
4 - 5m	17.03	54.08	1.01	6.59	95.73	0.86	43.13
5 - 6m	17.09	54.29	0.9	7.41	82.75	0.91	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)
0.726	16.45	52.65	0.5	7.58	47.4	0.86	42.46
0.751	16.39	52.56	0.53	7.05	51.96	0.83	42.44
0.759	16.38	52.6	0.61	6.96	49.25	0.84	42.48
0.781	16.36	52.55	0.53	6.9	48.34	0.84	42.46
0.786	16.33	52.59	0.5	6.74	53.22	0.85	42.52
0.802	16.32	52.51	0.57	6.69	39.67	0.85	42.46
0.819	16.32	52.46	0.57	6.64	53.33	0.85	42.41
0.831	16.32	52.52	0.61	6.58	50.08	0.87	42.48
0.842	16.29	52.52	0.57	6.53	40.9	0.89	42.51
0.849	16.29	52.44	0.53	6.49	52.13	0.88	42.43
0.855	16.3	52.44	0.57	6.45	47.25	0.95	42.43
0.863	16.3	52.48	0.72	6.41	50.4	0.86	42.45
0.875	16.29	52.45	0.57	6.38	47.86	0.86	42.44
0.89	16.28	52.4	0.72	6.35	39.29	0.86	42.4
0.908	16.27	52.41	0.53	6.31	51.49	0.86	42.43
0.916	16.26	52.38	0.57	6.21	44.89	0.85	42.41
0.922	16.26	52.5	0.72	6.15	46.76	0.87	42.52
0.946	16.29	52.44	0.69	6.09	44.62	0.88	42.43
0.965	16.31	52.61	0.46	5.93	51.53	0.86	42.57
0.982	16.31	52.52	0.65	5.9	43.6	0.87	42.48
1.007	16.35	52.38	0.53	5.88	43.36	0.85	42.32
1.009	16.24	52.54	0.5	5.91	48.5	0.85	42.58
1.017	16.26	52.46	0.61	5.96	42.99	0.85	42.49
1.038	16.28	52.42	0.53	6.02	50.69	0.85	42.42
1.055	16.3	52.4	0.46	6.1	48.82	0.83	42.38
1.058	16.3	52.48	0.69	6.23	50.72	0.85	42.46
1.059	16.3	52.45	0.57	6.27	50.7	0.85	42.43
1.074	16.28	52.41	0.65	6.3	47.55	0.83	42.41
1.092	16.27	52.37	0.61	6.32	43.56	0.83	42.38
1.099	16.27	52.41	0.57	6.32	43.84	0.85	42.43
1.103	16.27	52.49	0.53	6.31	53.69	0.82	42.5
1.11	16.29	52.41	0.53	6.29	49.85	0.8	42.4
1.12	16.31	52.36	0.57	6.26	42.63	0.89	42.34
1.129	16.33	52.43	0.53	6.23	49.02	0.85	42.38
1.135	16.35	52.45	0.61	6.2	52.93	0.89	42.38
1.148	16.35	52.38	0.61	6.15	46.0	0.84	42.31

1.162	16.34	52.37	0.53	6.11	41.75	0.81	42.31
1.173	16.35	52.42	0.72	6.05	47.39	0.82	42.35
1.184	16.36	52.44	0.53	6.01	47.82	0.85	42.36
1.189	16.36	52.37	0.69	5.97	52.07	0.87	42.29
1.191	16.36	52.42	0.57	5.93	42.94	0.84	42.33
1.198	16.38	52.53	0.61	5.9	43.02	0.84	42.43
1.212	16.41	52.39	0.69	5.88	52.12	0.84	42.26
1.225	16.43	52.37	0.61	5.87	54.29	0.82	42.22
1.23	16.44	52.52	0.72	5.86	45.08	0.85	42.35
1.235	16.41	52.53	0.53	5.87	45.84	0.85	42.38
1.244	16.4	52.37	0.5	5.87	49.73	0.84	42.25
1.251	16.41	52.43	0.65	5.88	47.05	0.85	42.3
1.252	16.36	52.46	0.57	5.9	51.91	0.79	42.37
1.257	16.37	52.39	0.57	5.92	46.81	0.82	42.3
1.261	16.38	52.52	0.46	5.95	44.21	0.81	42.41
1.271	16.37	52.61	0.53	5.98	47.13	0.83	42.5
1.285	16.31	52.63	0.65	6.16	41.09	0.84	42.59
1.297	16.31	52.46	0.53	6.21	45.95	0.85	42.43
1.319	16.33	52.42	0.5	6.27	51.14	0.8	42.38
1.333	16.32	52.58	0.65	6.33	52.42	0.85	42.53
1.339	16.3	52.54	0.69	6.39	47.48	0.8	42.51
1.343	16.3	52.45	0.46	6.44	45.53	0.82	42.42
1.354	16.31	52.51	0.57	6.47	49.58	0.84	42.47
1.369	16.33	52.55	0.65	6.49	53.2	0.82	42.49
1.386	16.34	52.5	0.61	6.48	52.7	0.81	42.44
1.403	16.34	52.54	0.69	6.47	48.96	0.81	42.47
1.416	16.34	52.51	0.61	6.43	46.17	0.82	42.45
1.424	16.34	52.52	0.57	6.39	48.97	0.86	42.45
1.43	16.35	52.64	0.53	6.34	54.63	0.84	42.55
1.436	16.38	52.53	0.61	6.3	53.44	0.85	42.41
1.443	16.42	52.47	0.76	6.27	49.39	0.83	42.32
1.455	16.44	52.61	0.57	6.23	47.48	0.83	42.43
1.463	16.46	52.58	0.5	6.21	51.91	0.82	42.38
1.472	16.47	52.48	0.57	6.18	49.92	0.89	42.28
1.483	16.48	52.54	0.61	6.16	51.28	0.83	42.32
1.492	16.5	52.63	0.5	6.13	52.41	0.82	42.38
1.498	16.51	52.51	0.57	6.11	50.49	0.9	42.26
1.505	16.51	52.53	0.61	6.09	48.66	0.85	42.28
1.517	16.52	52.69	0.72	6.06	53.28	0.84	42.41
1.534	16.53	52.53	0.69	6.05	53.75	0.82	42.26
1.549	16.53	52.51	0.5	6.06	50.63	0.83	42.23
1.561	16.5	52.72	0.57	6.07	48.35	0.91	42.46
1.568	16.46	52.59	0.61	6.1	53.74	0.85	42.38
1.577	16.46	52.55	0.69	6.13	55.09	0.83	42.34
1.587	16.47	52.71	0.61	6.17	52.65	0.9	42.49
1.6	16.46	52.63	0.57	6.22	50.71	0.85	42.42
1.613	16.46	52.54	0.61	6.28	50.66	0.83	42.34
1.629	16.46	52.7	0.53	6.33	52.53	0.85	42.49
1.644	16.45	52.66	0.65	6.38	53.89	0.83	42.47
1.655	16.45	52.52	0.72	6.44	52.77	0.82	42.34
1.661	16.45	52.7	0.57	6.46	50.3	0.85	42.5
1.674	16.44	52.79	0.5	6.5	51.47	0.85	42.59
1.697	16.45	52.58	0.46	6.52	54.77	0.84	42.39
1.72	16.47	52.57	0.61	6.54	56.16	0.86	42.37
1.73	16.44	52.72	0.65	6.54	53.79	0.83	42.53
1.731	16.41	52.74	0.53	6.55	52.79	0.85	42.57
1.741	16.41	52.61	0.53	6.56	56.43	0.9	42.46
1.758	16.42	52.6	0.65	6.58	55.16	0.85	42.43

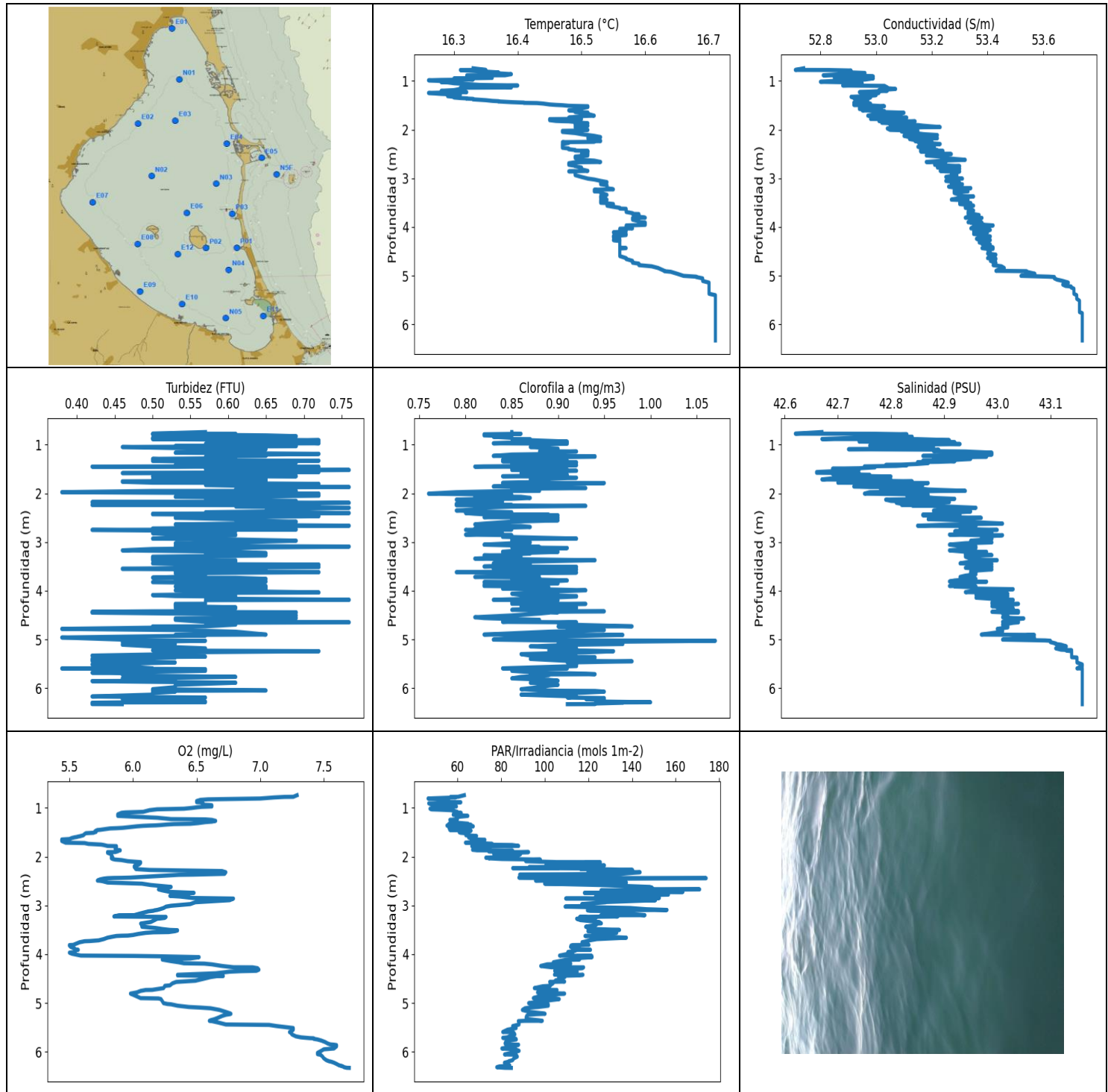
1.763	16.44	52.76	0.53	6.62	52.7	0.89	42.56
1.767	16.44	52.66	0.65	6.64	53.91	0.91	42.47
1.776	16.45	52.63	0.5	6.65	53.94	0.8	42.44
1.792	16.46	52.73	0.61	6.64	53.14	0.89	42.52
1.809	16.48	52.67	0.57	6.61	54.06	0.82	42.44
1.815	16.49	52.76	0.57	6.52	54.49	0.87	42.51
1.816	16.47	52.77	0.53	6.46	55.57	0.9	42.55
1.835	16.48	52.62	0.53	6.4	54.63	0.88	42.4
1.862	16.49	52.66	0.69	6.33	55.96	0.87	42.42
1.876	16.49	52.71	0.53	6.28	55.88	0.87	42.47
1.877	16.47	52.76	0.61	6.23	56.78	0.82	42.53
1.884	16.47	52.74	0.57	6.18	58.7	0.86	42.51
1.899	16.47	52.64	0.61	6.15	56.43	0.88	42.42
1.911	16.47	52.74	0.69	6.11	55.47	0.86	42.52
1.923	16.47	52.82	0.53	6.08	56.1	0.84	42.59
1.939	16.48	52.72	0.46	6.05	58.47	0.85	42.49
1.962	16.49	52.69	0.5	6.03	58.63	0.83	42.44
1.975	16.52	52.68	0.57	6.03	57.41	0.83	42.4
1.977	16.55	52.8	0.65	6.02	62.75	0.8	42.48
1.989	16.56	52.71	0.69	6.02	65.71	0.82	42.39
2.011	16.57	52.69	0.38	6.02	59.66	0.85	42.36
2.028	16.58	52.76	0.65	6.02	56.85	0.84	42.41
2.033	16.59	52.78	0.42	6.01	59.23	0.85	42.42
2.035	16.6	52.78	0.46	6.0	67.35	0.83	42.41
2.051	16.61	52.82	0.53	5.99	67.93	0.84	42.44
2.074	16.62	52.7	0.53	5.99	61.63	0.89	42.31
2.09	16.63	52.69	0.53	5.99	61.33	0.85	42.3
2.101	16.62	52.9	0.61	5.99	62.52	0.95	42.5
2.107	16.6	52.87	0.46	5.99	64.73	1.01	42.5
2.116	16.61	52.73	0.61	6.0	68.3	0.84	42.35
2.131	16.64	52.78	0.46	6.01	65.18	0.89	42.37
2.15	16.66	52.86	0.5	6.01	74.84	0.89	42.42
2.165	16.67	52.76	0.53	6.03	66.63	0.86	42.31
2.176	16.67	52.76	0.65	6.03	66.43	0.83	42.31
2.189	16.67	52.94	0.5	6.02	74.37	0.81	42.48
2.207	16.68	52.88	0.88	6.0	79.69	0.79	42.42
2.232	16.69	52.74	0.61	6.0	77.41	0.81	42.28
2.254	16.7	52.92	0.72	5.98	70.05	0.85	42.43
2.265	16.71	52.94	0.57	5.98	100.96	0.79	42.44
2.267	16.71	52.78	0.69	6.0	92.71	0.86	42.29
2.274	16.72	52.94	0.57	6.01	88.53	0.85	42.43
2.29	16.74	52.96	1.26	6.02	89.11	0.91	42.43
2.31	16.75	52.74	0.88	6.05	129.44	0.88	42.21
2.331	16.74	52.94	1.07	6.07	120.69	0.85	42.4
2.348	16.71	53.01	1.72	6.09	81.99	0.92	42.51
2.357	16.7	52.78	1.18	6.11	96.3	0.92	42.31
2.364	16.71	52.99	1.07	6.12	97.02	0.82	42.49
2.377	16.69	53.13	1.49	6.13	140.9	0.98	42.63
2.395	16.69	52.9	1.18	6.17	102.61	0.89	42.42
2.41	16.71	52.86	1.37	6.21	90.8	0.92	42.37
2.42	16.72	53.04	0.84	6.26	85.76	0.92	42.53
2.432	16.7	53.09	0.84	6.31	109.47	0.91	42.58
2.444	16.7	52.91	0.84	6.37	136.18	0.88	42.42
2.454	16.7	52.93	0.69	6.4	143.01	0.95	42.44
2.459	16.71	53.11	0.84	6.42	147.72	0.88	42.59
2.468	16.71	53.03	1.03	6.42	128.78	0.89	42.52
2.484	16.71	52.87	0.92	6.41	115.2	0.84	42.38
2.495	16.7	52.98	1.11	6.38	113.47	0.86	42.48

2.498	16.68	53.07	0.92	6.34	105.09	0.85	42.59
2.504	16.66	53.03	0.8	6.3	148.03	0.8	42.57
2.505	16.65	53.0	1.37	6.11	93.68	0.79	42.56
2.506	16.67	52.99	1.07	5.97	107.68	0.82	42.53
2.511	16.67	52.97	1.98	5.94	98.33	0.85	42.5
2.524	16.68	53.12	1.76	5.9	105.22	0.92	42.63
2.545	16.71	53.08	1.45	5.87	107.33	0.93	42.57
2.565	16.74	52.95	0.8	5.84	156.75	0.82	42.42
2.579	16.76	53.07	0.76	5.81	112.37	0.79	42.5
2.587	16.78	53.12	0.65	5.77	109.24	0.82	42.52
2.591	16.8	53.0	0.8	5.74	128.84	0.84	42.4
2.605	16.8	53.15	1.26	5.72	144.81	0.89	42.54
2.627	16.8	53.05	1.34	5.7	133.46	0.87	42.43
2.641	16.81	52.95	1.18	5.67	101.2	0.84	42.34
2.651	16.79	53.22	1.14	5.65	104.8	0.85	42.6
2.661	16.75	53.13	1.37	5.65	117.82	0.95	42.57
2.667	16.77	52.98	1.11	5.64	152.74	0.82	42.42
2.675	16.77	53.21	1.03	5.63	120.86	0.8	42.62
2.691	16.77	53.2	1.03	5.63	129.08	0.83	42.61
2.708	16.78	52.97	1.49	5.65	137.42	0.79	42.4
2.721	16.78	53.15	1.11	5.66	141.13	0.81	42.56
2.728	16.75	53.25	1.3	5.69	119.24	0.8	42.68
2.735	16.73	53.11	2.17	5.73	135.77	0.76	42.57
2.752	16.73	53.11	2.59	5.78	108.89	0.78	42.57
2.766	16.74	53.15	1.83	5.84	127.77	0.76	42.59
2.773	16.76	53.11	1.34	5.92	117.08	0.79	42.54
2.781	16.76	53.17	1.34	5.98	95.52	0.72	42.59
2.794	16.77	53.29	1.34	6.03	105.22	0.78	42.69
2.811	16.78	53.19	1.22	6.07	138.44	0.78	42.59
2.828	16.79	53.12	1.64	6.09	128.48	0.8	42.52
2.842	16.81	53.25	1.26	6.1	132.72	0.76	42.61
2.854	16.83	53.27	1.11	6.08	97.47	0.8	42.6
2.866	16.85	53.23	1.3	6.07	109.55	0.83	42.55
2.879	16.85	53.16	1.03	6.04	112.27	0.81	42.49
2.889	16.87	53.23	1.34	6.02	119.99	0.82	42.54
2.899	16.88	53.27	2.29	5.99	126.86	0.8	42.55
2.908	16.89	53.28	1.22	5.95	108.13	0.82	42.55
2.919	16.89	53.22	1.26	5.91	127.36	0.81	42.5
2.928	16.9	53.24	1.11	5.86	142.34	0.87	42.51
2.939	16.91	53.32	1.26	5.81	133.96	0.85	42.58
2.951	16.92	53.22	2.25	5.76	145.11	0.82	42.47
2.964	16.92	53.22	2.21	5.71	125.22	0.85	42.46
2.98	16.93	53.32	2.59	5.66	110.54	0.82	42.55
2.991	16.93	53.21	2.36	5.62	133.0	0.82	42.45
3.002	16.93	53.25	2.21	5.57	146.02	0.82	42.48
3.015	16.93	53.34	1.64	5.53	120.52	0.79	42.56
3.029	16.94	53.29	1.45	5.5	145.99	0.77	42.51
3.041	16.94	53.23	1.14	5.47	107.63	0.81	42.46
3.053	16.94	53.35	1.68	5.44	132.23	0.81	42.57
3.065	16.94	53.44	2.02	5.41	128.42	0.87	42.65
3.082	16.94	53.36	1.91	5.38	154.27	0.84	42.56
3.098	16.94	53.23	1.83	5.37	132.6	0.81	42.45
3.106	16.95	53.31	1.79	5.35	130.59	0.84	42.53
3.114	16.95	53.46	1.79	5.33	129.98	0.85	42.65
3.132	16.96	53.49	1.49	5.32	111.11	0.91	42.67
3.153	16.96	53.38	1.22	5.31	121.9	0.87	42.57
3.167	16.96	53.27	1.03	5.3	112.43	0.91	42.47
3.172	16.96	53.47	0.99	5.3	124.24	0.85	42.65

3.177	16.96	53.53	0.88	5.29	120.47	0.82	42.7
3.191	16.96	53.5	0.84	5.28	118.75	0.87	42.68
3.214	16.96	53.4	0.8	5.28	119.6	1.11	42.59
3.234	16.96	53.32	0.92	5.29	141.39	0.92	42.52
3.245	16.96	53.45	1.03	5.29	133.18	0.89	42.64
3.26	16.96	53.51	0.92	5.29	139.96	0.82	42.69
3.275	16.96	53.46	0.61	5.29	109.95	0.87	42.64
3.29	16.96	53.5	0.95	5.29	100.99	0.85	42.68
3.306	16.96	53.5	0.88	5.28	109.37	0.85	42.67
3.321	16.96	53.47	1.22	5.28	133.31	0.82	42.64
3.336	16.96	53.54	0.69	5.28	113.21	0.81	42.71
3.35	16.97	53.47	0.92	5.3	106.0	0.83	42.64
3.365	16.97	53.48	0.72	5.32	119.3	0.82	42.65
3.381	16.97	53.6	0.69	5.34	129.05	0.82	42.76
3.396	16.97	53.51	0.8	5.38	114.8	0.87	42.68
3.409	16.97	53.44	0.76	5.42	109.9	0.81	42.61
3.424	16.97	53.6	0.72	5.45	119.3	0.97	42.76
3.439	16.98	53.59	0.88	5.48	132.11	0.89	42.74
3.457	16.98	53.5	0.88	5.53	123.46	0.85	42.66
3.472	16.97	53.45	0.88	5.57	109.32	0.84	42.61
3.481	16.97	53.51	0.84	5.6	111.13	0.86	42.67
3.492	16.97	53.69	1.11	5.62	124.5	0.87	42.83
3.51	16.98	53.62	1.53	5.62	118.94	0.87	42.77
3.531	16.98	53.43	1.26	5.63	124.87	0.85	42.6
3.545	16.97	53.5	1.41	5.63	109.06	0.88	42.66
3.556	16.97	53.65	1.37	5.62	97.72	0.87	42.81
3.571	16.96	53.61	0.92	5.61	109.06	0.85	42.78
3.588	16.95	53.54	1.22	5.6	122.66	0.83	42.73
3.6	16.95	53.5	1.14	5.6	105.26	0.9	42.69
3.606	16.95	53.54	1.53	5.59	99.06	0.92	42.73
3.617	16.95	53.7	1.26	5.59	106.57	0.92	42.87
3.639	16.95	53.71	1.03	5.59	108.79	0.88	42.87
3.662	16.96	53.48	1.14	5.61	117.87	0.85	42.67
3.671	16.96	53.52	0.72	5.62	113.08	0.83	42.7
3.68	16.94	53.75	1.26	5.64	102.88	0.83	42.92
3.695	16.92	53.63	1.22	5.67	117.62	0.85	42.84
3.716	16.93	53.48	1.03	5.72	113.87	0.88	42.69
3.739	16.93	53.62	1.26	5.76	119.24	0.82	42.82
3.762	16.92	53.73	1.03	5.8	119.35	0.82	42.93
3.778	16.91	53.51	0.88	5.85	108.08	0.83	42.73
3.786	16.92	53.55	1.03	5.88	108.48	0.85	42.77
3.797	16.91	53.74	1.03	5.9	108.13	0.83	42.95
3.814	16.91	53.6	1.56	5.93	113.21	0.8	42.82
3.831	16.91	53.48	2.02	5.96	108.26	0.82	42.7
3.849	16.91	53.67	1.26	5.99	97.81	0.83	42.89
3.867	16.89	53.7	0.92	6.04	96.66	0.84	42.93
3.881	16.88	53.58	0.88	6.09	112.43	0.79	42.84
3.893	16.89	53.59	0.99	6.15	120.86	0.8	42.84
3.902	16.9	53.65	1.18	6.21	101.34	0.85	42.88
3.914	16.9	53.63	1.03	6.26	106.15	0.83	42.86
3.931	16.9	53.58	0.84	6.32	115.49	0.9	42.82
3.947	16.89	53.61	1.34	6.35	113.21	0.92	42.84
3.962	16.89	53.67	1.37	6.37	104.66	0.9	42.91
3.974	16.89	53.64	1.34	6.38	100.45	0.87	42.88
3.984	16.89	53.63	1.11	6.37	108.79	0.85	42.86
3.993	16.9	53.69	1.49	6.35	115.17	0.81	42.92
4.004	16.9	53.76	1.41	6.32	101.46	0.83	42.98
4.019	16.91	53.74	1.6	6.28	96.12	0.89	42.95

4.04	16.92	53.63	1.68	6.24	100.05	0.95	42.83
4.061	16.93	53.68	1.34	6.2	106.32	0.88	42.87
4.074	16.94	53.71	1.03	6.16	105.34	0.9	42.89
4.082	16.94	53.73	0.72	6.11	97.88	0.85	42.9
4.094	16.95	53.78	1.79	6.06	97.92	0.82	42.94
4.109	16.95	53.73	2.48	6.01	98.72	0.82	42.89
4.123	16.96	53.68	1.45	5.96	102.0	0.8	42.84
4.138	16.96	53.8	1.45	5.9	98.99	0.82	42.94
4.157	16.97	53.84	1.53	5.85	101.76	0.85	42.97
4.173	16.97	53.72	0.99	5.81	100.75	0.87	42.86
4.184	16.98	53.84	1.56	5.77	97.81	0.83	42.97
4.196	16.98	53.89	1.91	5.75	97.45	0.85	43.01
4.212	16.99	53.87	1.83	5.74	102.59	0.85	42.98
4.228	16.99	53.91	1.45	5.74	107.01	0.88	43.02
4.24	16.99	53.94	1.18	5.74	103.55	0.93	43.04
4.255	17.0	53.97	2.25	5.75	96.55	0.91	43.07
4.274	17.0	53.98	1.41	5.77	92.09	0.83	43.07
4.288	17.0	53.98	1.14	5.79	96.9	0.79	43.07
4.296	17.0	54.01	1.34	5.82	100.96	0.87	43.09
4.309	17.01	54.03	1.22	5.87	103.43	0.87	43.1
4.333	17.01	54.04	1.07	5.93	98.76	0.88	43.11
4.363	17.01	54.05	0.76	5.99	100.73	0.86	43.12
4.386	17.01	54.05	0.72	6.06	97.72	0.85	43.12
4.402	17.01	54.07	0.69	6.13	96.3	0.85	43.14
4.415	17.01	54.07	0.69	6.2	98.4	0.91	43.14
4.424	17.02	54.09	0.72	6.26	95.5	0.87	43.15
4.439	17.02	54.12	0.57	6.3	92.95	0.89	43.17
4.466	17.02	54.12	0.72	6.35	97.99	0.92	43.17
4.488	17.03	54.12	0.57	6.39	96.41	0.84	43.16
4.499	17.03	54.13	0.57	6.44	94.44	0.84	43.17
4.512	17.04	54.16	0.57	6.48	93.14	0.89	43.19
4.526	17.04	54.17	0.61	6.52	95.92	0.91	43.19
4.539	17.05	54.18	0.53	6.55	99.98	1.01	43.19
4.553	17.05	54.2	0.72	6.58	105.29	0.85	43.21
4.572	17.06	54.2	0.61	6.61	93.9	0.85	43.2
4.59	17.06	54.2	0.57	6.62	94.84	0.85	43.2
4.603	17.06	54.21	0.61	6.64	99.13	0.89	43.21
4.612	17.06	54.21	0.69	6.68	98.1	0.85	43.21
4.624	17.07	54.22	0.65	6.71	91.62	0.79	43.21
4.64	17.07	54.22	0.72	6.78	92.09	0.84	43.21
4.66	17.07	54.23	0.57	6.87	93.08	0.82	43.21
4.675	17.07	54.23	0.69	6.97	95.06	0.84	43.22
4.69	17.07	54.24	0.61	7.05	93.62	0.81	43.22
4.711	17.07	54.24	0.42	7.11	91.79	0.83	43.22
4.732	17.07	54.24	0.84	7.17	91.81	0.84	43.22
4.747	17.08	54.24	0.8	7.21	92.6	0.85	43.23
4.761	17.08	54.25	0.88	7.25	93.03	1.02	43.23
4.775	17.08	54.25	1.56	7.29	95.06	0.99	43.23
4.789	17.08	54.25	1.53	7.32	91.11	0.96	43.23
4.801	17.08	54.26	1.53	7.37	88.35	0.86	43.23
4.816	17.08	54.26	1.11	7.42	90.44	0.85	43.24
4.839	17.08	54.26	0.8	7.47	91.2	0.89	43.24
4.86	17.08	54.27	0.76	7.5	90.19	0.82	43.24
4.879	17.08	54.27	0.76	7.53	86.4	0.82	43.24
4.891	17.09	54.27	0.72	7.53	88.45	0.86	43.24
4.898	17.09	54.27	0.72	7.52	92.82	0.83	43.24
4.909	17.09	54.28	0.95	7.51	92.13	0.82	43.24
4.927	17.09	54.28	0.95	7.49	87.0	0.81	43.24

4.942	17.09	54.28	0.65	7.46	89.67	0.85	43.24
4.946	17.09	54.27	0.72	7.44	90.88	0.82	43.24
4.947	17.09	54.27	0.57	7.4	90.88	0.85	43.24
4.961	17.09	54.27	0.92	7.36	89.64	0.89	43.24
4.984	17.08	54.27	0.88	7.32	88.49	0.87	43.24
4.998	17.09	54.28	0.61	7.25	85.35	0.86	43.25
5.005	17.09	54.28	0.46	7.23	87.69	0.89	43.25
5.026	17.09	54.28	0.69	7.2	85.72	0.82	43.25
5.044	17.09	54.28	0.8	7.17	85.07	0.8	43.24
5.046	17.09	54.28	1.11	7.17	84.07	0.9	43.25
5.048	17.09	54.28	1.26	7.18	87.21	0.95	43.25
5.058	17.09	54.28	1.18	7.19	86.58	0.94	43.25
5.075	17.09	54.28	1.83	7.22	86.56	0.86	43.25
5.09	17.09	54.29	2.44	7.24	84.95	0.9	43.25
5.104	17.09	54.29	1.95	7.26	84.58	0.89	43.25
5.129	17.09	54.29	2.1	7.25	83.18	0.88	43.25
5.147	17.09	54.29	0.88	7.35	82.7	0.87	43.25
5.162	17.09	54.29	1.18	7.39	80.36	0.82	43.25
5.181	17.09	54.29	1.03	7.43	81.73	0.85	43.25
5.186	17.09	54.29	0.72	7.53	82.79	0.87	43.25
5.199	17.09	54.29	0.72	7.54	83.26	0.9	43.25
5.231	17.09	54.29	0.92	7.53	87.67	0.91	43.25
5.26	17.09	54.29	0.65	7.51	85.01	0.95	43.25
5.276	17.09	54.29	0.76	7.5	83.3	0.93	43.25
5.286	17.09	54.29	0.5	7.5	81.8	0.91	43.25
5.293	17.09	54.29	0.65	7.5	81.4	0.92	43.25
5.305	17.09	54.29	0.61	7.51	81.01	0.91	43.25
5.321	17.09	54.29	0.5	7.5	84.03	0.96	43.25
5.338	17.09	54.3	0.5	7.48	83.74	0.89	43.26
5.354	17.09	54.3	0.65	7.47	83.08	0.91	43.25
5.376	17.09	54.3	0.57	7.48	81.73	0.92	43.25
5.398	17.09	54.3	0.38	7.49	81.01	0.93	43.25
5.422	17.09	54.3	0.65	7.51	77.48	0.94	43.25
5.444	17.09	54.3	0.57	7.53	78.1	0.94	43.25
5.458	17.09	54.3	0.53	7.56	78.24	0.99	43.25
5.473	17.09	54.3	0.5	7.58	78.72	0.98	43.25
5.495	17.09	54.3	0.72	7.6	78.19	0.94	43.25
5.509	17.09	54.3	0.92	7.6	77.16	0.91	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	16.26	52.71	0.38	5.44	46.54	0.76	42.62
PROF (metros)	0.987	0.774	1.976	1.649	0.809	2.006	0.774
MÁXIMO	16.71	16.71	0.76	7.7	173.98	1.07	43.16
PROF (metros)	5.372	5.77	1.52	6.331	2.442	5.028	5.514

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	16.33	52.89	0.61	6.74	55.58	0.86	42.8
1 - 2m	16.41	53.0	0.6	5.92	65.69	0.88	42.82
2 - 3m	16.5	53.2	0.62	6.15	118.7	0.84	42.9
3 - 4m	16.55	53.32	0.59	5.94	123.4	0.86	42.95
4 - 5m	16.57	53.41	0.58	6.4	107.03	0.89	43.01
5 - 6m	16.7	53.71	0.5	7.02	89.02	0.9	43.14
6 - 7m	16.71	53.74	0.5	7.56	83.36	0.93	43.16

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	16.33	52.74	0.57	7.29	63.17	0.85	42.67
0.774	16.35	52.71	0.5	7.26	60.3	0.85	42.62
0.776	16.31	52.83	0.61	7.19	56.82	0.86	42.77
0.787	16.32	52.91	0.5	7.11	59.18	0.82	42.83
0.809	16.35	52.88	0.65	7.0	46.54	0.82	42.77
0.826	16.37	52.91	0.69	6.59	55.86	0.85	42.77
0.837	16.36	52.96	0.61	6.53	55.14	0.83	42.84
0.861	16.39	52.88	0.5	6.5	51.55	0.85	42.73
0.884	16.38	52.81	0.53	6.5	55.69	0.85	42.67
0.886	16.32	52.94	0.5	6.53	61.57	0.87	42.85
0.908	16.32	52.99	0.72	6.55	46.84	0.87	42.91
0.937	16.36	52.85	0.65	6.56	48.55	0.91	42.74
0.942	16.34	52.89	0.72	6.6	50.24	0.85	42.79
0.947	16.3	52.99	0.69	6.62	59.09	0.87	42.92
0.972	16.33	52.96	0.72	6.62	59.55	0.83	42.87
0.98	16.28	52.94	0.57	6.54	56.61	0.91	42.9
0.987	16.26	52.94	0.61	6.51	58.24	0.89	42.93
1.003	16.28	52.84	0.69	6.46	54.48	0.89	42.81
1.018	16.3	52.8	0.61	6.4	47.43	0.89	42.76
1.027	16.28	52.89	0.53	6.25	53.74	0.88	42.85
1.03	16.29	52.91	0.69	6.19	48.08	0.89	42.86
1.048	16.3	52.95	0.46	6.13	57.11	0.87	42.88
1.082	16.34	52.94	0.57	6.08	59.91	0.9	42.84
1.094	16.4	52.88	0.65	5.94	59.41	0.89	42.72
1.102	16.37	53.03	0.61	5.91	61.71	0.89	42.89
1.134	16.39	53.04	0.61	5.88	60.16	0.88	42.88
1.14	16.31	53.02	0.61	5.88	58.06	0.92	42.94
1.165	16.31	53.07	0.53	5.88	64.77	0.88	42.99
1.189	16.3	53.01	0.72	6.08	59.51	0.9	42.94
1.203	16.28	53.04	0.65	6.19	59.94	0.85	42.99
1.231	16.32	52.94	0.65	6.3	60.0	0.83	42.86
1.237	16.29	52.98	0.61	6.57	59.69	0.94	42.93
1.247	16.26	53.01	0.57	6.62	56.52	0.94	42.98
1.267	16.28	52.95	0.61	6.65	58.45	0.86	42.91
1.283	16.31	52.95	0.57	6.62	56.93	0.89	42.88

1.292	16.29	53.0	0.5	6.57	56.94	0.87	42.95
1.313	16.29	52.97	0.53	6.51	61.71	0.84	42.92
1.327	16.3	52.91	0.61	6.45	64.94	0.85	42.86
1.329	16.3	52.92	0.72	6.39	57.69	0.91	42.86
1.333	16.3	52.97	0.5	6.32	55.99	0.89	42.91
1.341	16.3	52.98	0.53	6.27	62.01	0.84	42.92
1.352	16.31	52.96	0.65	6.22	66.37	0.89	42.89
1.359	16.32	52.92	0.61	6.18	61.44	0.9	42.85
1.363	16.32	52.93	0.69	6.13	55.2	0.92	42.85
1.369	16.33	52.96	0.69	6.08	58.33	0.89	42.87
1.379	16.33	52.97	0.57	6.03	67.27	0.85	42.87
1.396	16.35	52.97	0.57	5.97	62.33	0.89	42.85
1.41	16.36	52.95	0.61	5.92	56.12	0.85	42.82
1.417	16.37	52.93	0.53	5.87	56.38	0.87	42.79
1.422	16.37	52.97	0.61	5.82	65.58	0.92	42.83
1.436	16.39	52.97	0.61	5.78	64.06	0.89	42.81
1.446	16.41	52.92	0.53	5.75	62.33	0.82	42.75
1.451	16.41	52.93	0.42	5.74	56.48	0.81	42.75
1.455	16.43	52.97	0.72	5.72	61.97	0.88	42.77
1.466	16.44	52.98	0.61	5.71	66.26	0.86	42.77
1.484	16.45	52.96	0.57	5.7	65.6	0.85	42.74
1.493	16.46	52.92	0.65	5.71	62.32	0.9	42.69
1.499	16.47	52.96	0.65	5.7	60.8	0.88	42.72
1.511	16.48	53.0	0.57	5.69	61.45	0.91	42.74
1.52	16.51	53.03	0.76	5.63	63.57	0.85	42.74
1.536	16.51	53.0	0.61	5.62	64.16	0.92	42.71
1.562	16.5	52.94	0.72	5.61	63.85	0.87	42.66
1.577	16.5	52.94	0.57	5.59	68.78	0.9	42.66
1.584	16.5	53.02	0.46	5.58	66.02	0.86	42.74
1.588	16.5	53.01	0.69	5.57	65.8	0.89	42.73
1.596	16.49	52.96	0.53	5.56	66.22	0.89	42.69
1.605	16.48	52.95	0.61	5.54	65.09	0.89	42.69
1.618	16.49	53.03	0.57	5.52	65.88	0.91	42.76
1.639	16.49	53.02	0.61	5.5	66.6	0.87	42.74
1.649	16.51	53.07	0.69	5.44	67.44	0.84	42.77
1.654	16.51	53.1	0.5	5.44	72.58	0.88	42.8
1.679	16.51	53.0	0.65	5.44	72.26	0.92	42.7
1.714	16.52	52.97	0.65	5.47	63.67	0.87	42.67
1.722	16.5	53.09	0.5	5.62	71.15	0.89	42.8
1.739	16.49	53.04	0.65	5.65	75.96	0.88	42.76
1.753	16.48	53.11	0.46	5.75	69.15	0.87	42.84
1.762	16.49	53.09	0.46	5.77	85.07	0.89	42.81
1.781	16.5	52.98	0.5	5.8	88.04	0.85	42.7
1.785	16.45	53.06	0.65	5.87	66.57	0.84	42.82
1.788	16.45	53.1	0.57	5.87	68.27	0.95	42.87
1.806	16.45	53.07	0.72	5.87	67.97	0.9	42.83
1.822	16.46	53.01	0.65	5.87	68.54	0.87	42.76
1.827	16.47	53.05	0.57	5.87	74.96	0.91	42.79
1.83	16.48	53.14	0.57	5.86	69.76	0.89	42.86
1.843	16.49	53.1	0.61	5.86	70.2	0.86	42.82
1.859	16.5	53.02	0.69	5.87	66.93	0.83	42.73
1.87	16.51	53.05	0.65	5.88	68.99	0.9	42.76
1.871	16.5	53.08	0.76	5.9	74.51	0.86	42.8
1.876	16.49	53.09	0.65	5.89	85.31	0.85	42.82
1.891	16.49	53.11	0.65	5.88	74.27	0.93	42.83
1.906	16.49	53.05	0.61	5.86	78.42	0.86	42.78
1.907	16.5	53.15	0.65	5.8	92.62	0.85	42.86
1.921	16.51	53.17	0.61	5.8	82.05	0.85	42.87

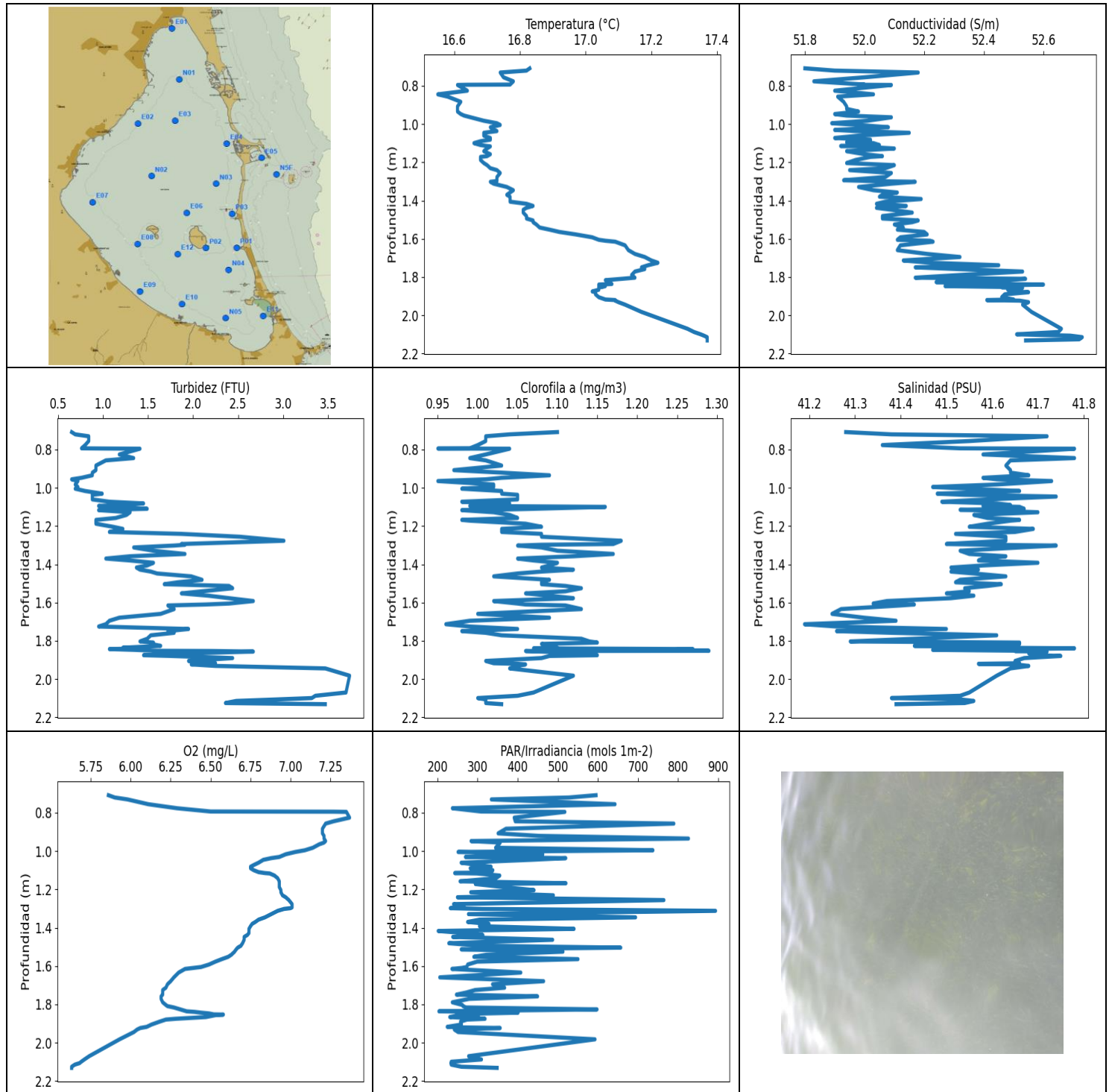
1.949	16.49	53.23	0.69	5.83	76.68	0.88	42.94
1.951	16.49	53.17	0.5	5.83	88.9	0.85	42.89
1.976	16.5	53.04	0.38	5.83	87.77	0.79	42.76
2.006	16.51	53.05	0.72	5.84	80.3	0.76	42.75
2.022	16.49	53.15	0.69	5.83	73.0	0.82	42.86
2.026	16.47	53.14	0.69	5.83	74.98	0.85	42.87
2.034	16.47	53.09	0.72	5.83	74.27	0.84	42.83
2.048	16.47	53.12	0.72	5.84	80.32	0.85	42.86
2.06	16.48	53.1	0.65	5.86	97.99	0.81	42.83
2.071	16.49	53.14	0.53	5.91	91.07	0.86	42.86
2.094	16.5	53.17	0.65	5.96	91.32	0.87	42.88
2.112	16.51	53.22	0.57	6.06	105.29	0.85	42.92
2.113	16.51	53.18	0.57	6.06	125.48	0.82	42.88
2.129	16.52	53.1	0.61	6.06	116.46	0.79	42.79
2.155	16.53	53.12	0.69	6.05	100.61	0.84	42.8
2.175	16.51	53.16	0.65	6.03	119.74	0.81	42.85
2.179	16.51	53.22	0.42	6.02	127.36	0.84	42.91
2.194	16.52	53.12	0.76	6.01	126.24	0.8	42.81
2.215	16.52	53.14	0.65	6.01	92.82	0.79	42.82
2.229	16.53	53.19	0.69	6.02	106.52	0.79	42.86
2.236	16.53	53.14	0.69	6.03	85.33	0.85	42.82
2.238	16.52	53.14	0.42	6.03	105.39	0.84	42.82
2.243	16.52	53.2	0.65	6.03	121.25	0.79	42.88
2.251	16.52	53.16	0.72	6.02	116.3	0.86	42.84
2.258	16.47	53.15	0.61	6.04	125.89	0.93	42.89
2.273	16.48	53.18	0.61	6.13	140.25	0.85	42.91
2.296	16.47	53.23	0.76	6.7	119.8	0.81	42.96
2.32	16.47	53.16	0.69	6.73	143.7	0.82	42.9
2.353	16.47	53.15	0.65	6.72	134.89	0.79	42.88
2.369	16.47	53.16	0.69	6.47	88.51	0.82	42.9
2.373	16.47	53.21	0.65	6.36	116.62	0.82	42.95
2.388	16.48	53.2	0.57	6.26	128.75	0.85	42.93
2.404	16.48	53.16	0.76	6.16	121.31	0.8	42.88
2.419	16.49	53.22	0.5	6.06	106.47	0.81	42.93
2.43	16.49	53.2	0.5	5.98	88.16	0.82	42.91
2.435	16.5	53.16	0.57	5.91	93.25	0.86	42.86
2.437	16.51	53.24	0.61	5.85	106.74	0.89	42.93
2.442	16.5	53.22	0.65	5.8	173.98	0.85	42.91
2.451	16.51	53.16	0.57	5.77	136.62	0.9	42.86
2.468	16.51	53.23	0.72	5.74	114.96	0.84	42.91
2.491	16.51	53.21	0.61	5.72	95.79	0.82	42.9
2.495	16.51	53.24	0.61	5.74	118.61	0.89	42.93
2.503	16.5	53.27	0.53	5.76	131.71	0.9	42.97
2.531	16.51	53.18	0.61	5.8	137.42	0.85	42.87
2.554	16.49	53.23	0.61	6.07	99.96	0.9	42.94
2.582	16.49	53.24	0.69	6.14	125.54	0.85	42.94
2.621	16.5	53.32	0.61	6.3	148.1	0.82	43.01
2.638	16.52	53.24	0.53	6.28	149.27	0.81	42.92
2.665	16.53	53.18	0.76	6.26	138.92	0.82	42.85
2.671	16.49	53.25	0.57	6.2	170.99	0.86	42.96
2.691	16.48	53.22	0.65	6.23	125.77	0.87	42.94
2.723	16.48	53.21	0.5	6.29	163.32	0.81	42.93
2.743	16.49	53.27	0.69	6.48	118.17	0.85	42.97
2.75	16.49	53.3	0.42	6.45	152.63	0.8	43.0
2.779	16.5	53.22	0.61	6.42	156.68	0.81	42.92
2.805	16.5	53.3	0.57	6.29	128.07	0.82	42.99
2.818	16.5	53.29	0.5	6.37	123.29	0.84	42.98
2.848	16.51	53.23	0.61	6.47	152.52	0.8	42.91

2.858	16.48	53.25	0.61	6.78	109.6	0.85	42.97
2.86	16.49	53.3	0.57	6.79	118.69	0.84	43.01
2.893	16.49	53.27	0.53	6.76	150.77	0.84	42.97
2.93	16.49	53.28	0.5	6.53	128.13	0.92	42.99
2.935	16.49	53.29	0.57	6.49	127.86	0.85	42.99
2.973	16.5	53.25	0.69	6.45	117.0	0.85	42.95
3.007	16.51	53.31	0.61	6.3	121.31	0.87	42.99
3.025	16.52	53.27	0.53	6.26	109.34	0.85	42.94
3.054	16.53	53.25	0.61	6.24	139.24	0.82	42.91
3.079	16.54	53.28	0.53	6.21	146.53	0.87	42.93
3.093	16.53	53.3	0.76	6.19	156.03	0.86	42.96
3.101	16.53	53.27	0.72	6.17	119.55	0.88	42.94
3.11	16.53	53.27	0.65	6.16	120.75	0.85	42.93
3.123	16.53	53.31	0.61	6.12	135.05	0.91	42.96
3.143	16.54	53.29	0.5	6.09	138.5	0.86	42.94
3.171	16.54	53.26	0.46	6.05	138.38	0.86	42.91
3.2	16.54	53.29	0.61	6.01	145.92	0.84	42.94
3.202	16.54	53.34	0.61	5.89	125.66	0.9	42.98
3.227	16.55	53.31	0.65	5.85	133.46	0.86	42.94
3.236	16.52	53.3	0.57	6.26	116.03	0.87	42.97
3.256	16.53	53.28	0.57	6.25	123.41	0.85	42.94
3.269	16.52	53.33	0.57	6.21	117.6	0.86	42.99
3.273	16.53	53.32	0.65	6.19	114.64	0.82	42.98
3.301	16.53	53.28	0.5	6.17	116.3	0.86	42.94
3.34	16.54	53.3	0.5	6.14	124.96	0.81	42.95
3.368	16.53	53.31	0.5	6.07	125.95	0.91	42.97
3.373	16.53	53.35	0.61	6.06	124.12	0.94	43.0
3.402	16.53	53.3	0.61	6.07	123.49	0.87	42.95
3.438	16.54	53.27	0.5	6.07	118.75	0.83	42.93
3.453	16.53	53.33	0.53	6.13	120.63	0.87	42.99
3.464	16.53	53.32	0.72	6.18	119.69	0.87	42.97
3.485	16.53	53.31	0.65	6.23	123.18	0.85	42.96
3.503	16.53	53.3	0.61	6.29	134.27	0.82	42.96
3.509	16.54	53.34	0.53	6.35	129.38	0.92	42.99
3.514	16.54	53.32	0.72	6.35	119.91	0.89	42.96
3.529	16.55	53.3	0.61	6.33	119.8	0.83	42.94
3.547	16.55	53.33	0.46	6.28	130.1	0.83	42.96
3.552	16.54	53.33	0.46	6.16	132.69	0.86	42.97
3.563	16.54	53.35	0.57	6.1	132.97	0.92	42.99
3.586	16.55	53.32	0.65	6.04	122.07	0.87	42.96
3.607	16.56	53.32	0.53	6.0	123.09	0.87	42.95
3.619	16.56	53.34	0.72	5.96	123.38	0.79	42.96
3.622	16.56	53.34	0.69	5.91	120.19	0.83	42.96
3.627	16.57	53.33	0.65	5.87	118.45	0.92	42.95
3.641	16.57	53.34	0.53	5.84	127.33	0.85	42.95
3.662	16.57	53.35	0.57	5.8	137.42	0.88	42.96
3.691	16.57	53.33	0.57	5.77	123.84	0.86	42.94
3.717	16.58	53.33	0.53	5.73	120.61	0.81	42.93
3.731	16.58	53.33	0.5	5.66	119.38	0.88	42.93
3.735	16.59	53.35	0.61	5.62	119.3	0.87	42.95
3.756	16.59	53.37	0.65	5.58	117.08	0.85	42.96
3.789	16.59	53.34	0.53	5.55	119.66	0.91	42.92
3.81	16.6	53.32	0.65	5.53	120.27	0.89	42.91
3.814	16.58	53.38	0.65	5.5	112.79	0.89	42.98
3.823	16.58	53.37	0.5	5.5	112.06	0.82	42.96
3.85	16.58	53.35	0.61	5.51	111.83	0.9	42.94
3.882	16.59	53.35	0.57	5.54	115.09	0.82	42.94
3.902	16.59	53.33	0.65	5.55	116.67	0.82	42.91

3.909	16.6	53.36	0.65	5.56	119.99	0.85	42.94
3.911	16.6	53.38	0.61	5.57	120.97	0.87	42.96
3.913	16.6	53.34	0.53	5.56	112.84	0.84	42.92
3.925	16.6	53.37	0.65	5.55	114.21	0.89	42.95
3.957	16.6	53.39	0.65	5.54	110.57	0.84	42.96
3.969	16.57	53.42	0.65	5.5	112.87	0.88	43.03
3.991	16.57	53.35	0.53	5.52	111.0	0.93	42.96
4.029	16.58	53.34	0.69	5.59	106.79	0.88	42.94
4.036	16.56	53.38	0.72	6.01	121.59	0.9	43.01
4.043	16.56	53.4	0.61	6.2	114.69	0.87	43.01
4.061	16.56	53.41	0.61	6.52	121.7	0.85	43.02
4.089	16.57	53.35	0.5	6.45	112.43	0.86	42.96
4.11	16.55	53.4	0.53	6.23	115.92	0.92	43.02
4.12	16.56	53.39	0.61	6.25	109.27	0.92	43.01
4.143	16.57	53.35	0.57	6.3	106.59	0.89	42.96
4.166	16.57	53.38	0.61	6.36	103.96	0.87	42.99
4.187	16.55	53.4	0.76	6.4	105.68	0.83	43.03
4.194	16.55	53.41	0.57	6.56	111.91	0.9	43.03
4.209	16.55	53.39	0.57	6.62	101.13	0.87	43.02
4.242	16.56	53.36	0.57	6.7	98.17	0.85	42.99
4.268	16.56	53.37	0.57	6.79	103.0	0.85	42.99
4.27	16.55	53.41	0.53	6.94	117.82	0.93	43.04
4.288	16.56	53.38	0.53	6.98	117.13	0.86	43.01
4.318	16.56	53.37	0.53	6.99	108.26	0.86	42.99
4.341	16.56	53.39	0.61	6.97	104.56	0.86	43.01
4.348	16.56	53.38	0.53	6.85	106.79	0.92	43.0
4.359	16.56	53.41	0.61	6.76	114.88	0.89	43.03
4.392	16.56	53.4	0.57	6.65	113.32	0.85	43.02
4.42	16.56	53.42	0.57	6.39	104.46	0.92	43.04
4.423	16.56	53.39	0.5	6.35	117.52	0.95	43.0
4.434	16.57	53.38	0.42	6.35	115.49	0.89	42.99
4.443	16.56	53.39	0.69	6.52	107.93	0.9	43.01
4.448	16.56	53.42	0.69	6.71	106.2	0.87	43.04
4.45	16.56	53.4	0.42	6.66	107.98	0.89	43.02
4.469	16.56	53.4	0.53	6.61	109.22	0.88	43.01
4.508	16.56	53.41	0.69	6.55	107.06	0.85	43.02
4.545	16.56	53.4	0.61	6.49	104.75	0.81	43.01
4.562	16.56	53.42	0.69	6.39	109.12	0.82	43.03
4.569	16.56	53.43	0.53	6.34	102.28	0.83	43.05
4.598	16.56	53.41	0.53	6.31	103.79	0.88	43.03
4.64	16.57	53.4	0.57	6.29	102.28	0.84	43.01
4.649	16.57	53.43	0.76	6.25	102.5	0.92	43.04
4.659	16.57	53.43	0.57	6.25	99.02	0.9	43.03
4.696	16.58	53.41	0.61	6.24	95.24	0.91	43.01
4.732	16.58	53.43	0.57	6.15	101.97	0.98	43.02
4.734	16.58	53.42	0.5	6.1	105.63	0.9	43.02
4.753	16.59	53.43	0.53	6.06	101.15	0.92	43.02
4.784	16.59	53.42	0.38	6.03	96.7	0.91	43.0
4.808	16.61	53.45	0.53	5.98	109.12	0.95	43.01
4.842	16.62	53.46	0.61	6.01	99.04	0.89	43.01
4.901	16.63	53.43	0.65	6.06	94.77	0.82	42.97
4.908	16.63	53.54	0.53	6.2	105.41	0.97	43.07
4.921	16.64	53.54	0.57	6.22	106.66	0.94	43.05
4.961	16.65	53.57	0.38	6.23	99.43	0.86	43.07
5.004	16.66	53.52	0.46	6.24	92.62	0.83	43.01
5.021	16.68	53.62	0.46	6.27	94.2	0.89	43.09
5.028	16.68	53.64	0.57	6.3	101.62	1.07	43.1
5.056	16.69	53.64	0.46	6.35	101.64	0.92	43.1

5.083	16.69	53.65	0.53	6.44	96.93	0.9	43.11
5.095	16.69	53.66	0.53	6.53	93.16	0.97	43.11
5.109	16.69	53.67	0.46	6.61	90.94	0.92	43.12
5.143	16.7	53.69	0.5	6.68	89.77	0.87	43.13
5.184	16.7	53.67	0.57	6.73	93.38	0.92	43.11
5.211	16.7	53.68	0.57	6.76	98.7	0.91	43.12
5.222	16.7	53.7	0.5	6.77	100.15	0.89	43.14
5.23	16.7	53.7	0.53	6.76	96.14	0.93	43.13
5.242	16.7	53.7	0.72	6.73	92.43	0.96	43.14
5.267	16.7	53.71	0.53	6.7	91.7	0.93	43.14
5.302	16.7	53.71	0.53	6.67	91.47	0.86	43.14
5.333	16.7	53.71	0.42	6.64	92.39	0.87	43.14
5.354	16.7	53.71	0.57	6.61	97.02	0.92	43.14
5.365	16.7	53.71	0.46	6.6	98.9	0.88	43.14
5.366	16.7	53.71	0.53	6.6	90.75	0.94	43.14
5.372	16.7	53.71	0.53	6.62	87.9	0.94	43.15
5.401	16.71	53.72	0.42	6.67	88.28	0.87	43.15
5.441	16.71	53.72	0.42	6.73	88.22	0.91	43.15
5.45	16.71	53.72	0.46	7.07	87.53	0.98	43.15
5.474	16.71	53.72	0.53	7.13	85.31	0.91	43.15
5.514	16.71	53.73	0.42	7.26	86.9	0.92	43.16
5.548	16.71	53.73	0.46	7.26	82.97	0.92	43.16
5.595	16.71	53.73	0.5	7.24	80.77	0.84	43.15
5.597	16.71	53.73	0.38	7.23	84.95	0.91	43.16
5.611	16.71	53.73	0.57	7.24	85.88	0.85	43.16
5.646	16.71	53.73	0.57	7.25	86.32	0.85	43.16
5.684	16.71	53.73	0.42	7.28	83.8	0.88	43.16
5.705	16.71	53.73	0.5	7.32	82.83	0.93	43.16
5.715	16.71	53.73	0.46	7.36	80.78	0.94	43.16
5.721	16.71	53.73	0.46	7.39	82.83	0.87	43.16
5.724	16.71	53.73	0.46	7.42	84.7	0.89	43.16
5.735	16.71	53.73	0.5	7.42	86.82	0.89	43.16
5.748	16.71	53.73	0.5	7.45	86.98	0.88	43.16
5.77	16.71	53.74	0.61	7.48	83.6	0.86	43.16
5.801	16.71	53.74	0.46	7.51	82.07	0.85	43.16
5.83	16.71	53.74	0.53	7.53	81.84	0.89	43.16
5.849	16.71	53.74	0.53	7.55	82.14	0.9	43.16
5.856	16.71	53.74	0.42	7.58	88.04	0.88	43.16
5.864	16.71	53.74	0.46	7.6	87.63	0.89	43.16
5.89	16.71	53.74	0.61	7.6	85.64	0.87	43.16
5.933	16.71	53.74	0.53	7.58	80.36	0.9	43.16
5.95	16.71	53.74	0.53	7.5	86.5	0.89	43.16
5.981	16.71	53.74	0.53	7.48	88.26	0.88	43.16
6.023	16.71	53.74	0.5	7.45	84.8	0.86	43.16
6.049	16.71	53.74	0.65	7.45	82.01	0.89	43.16
6.055	16.71	53.74	0.53	7.46	81.58	0.9	43.16
6.059	16.71	53.74	0.5	7.47	85.92	0.94	43.16
6.074	16.71	53.74	0.53	7.48	87.1	0.95	43.16
6.1	16.71	53.74	0.5	7.49	87.43	0.92	43.16
6.135	16.71	53.74	0.5	7.5	85.86	0.86	43.16
6.173	16.71	53.74	0.42	7.52	85.25	0.92	43.16
6.194	16.71	53.74	0.57	7.54	83.55	0.91	43.16
6.206	16.71	53.74	0.53	7.56	83.24	0.95	43.16
6.225	16.71	53.74	0.46	7.58	81.54	0.93	43.16
6.25	16.71	53.74	0.53	7.6	82.32	0.95	43.16
6.278	16.71	53.74	0.57	7.62	83.97	0.95	43.16
6.291	16.71	53.74	0.57	7.64	83.8	1.0	43.16
6.294	16.71	53.74	0.46	7.64	81.84	0.97	43.16

6.301	16.71	53.74	0.42	7.65	79.21	0.97	43.16
6.317	16.71	53.74	0.42	7.66	78.02	0.94	43.16
6.329	16.71	53.74	0.42	7.68	81.67	0.94	43.16
6.331	16.71	53.74	0.46	7.7	84.7	0.91	43.16



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.55	51.8	0.65	5.63	201.67	0.95	41.19
PROF (metros)	0.845	0.709	0.709	2.125	1.417	0.795	1.713
MÁXIMO	17.37	17.37	3.74	7.37	893.64	1.29	41.78
PROF (metros)	2.114	2.114	1.982	0.826	1.312	1.852	0.796

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	16.67	51.96	0.89	6.89	460.67	1.02	41.59
1 - 2m	16.9	52.19	1.63	6.59	339.78	1.07	41.56
2 - 3m	17.35	52.64	3.09	5.68	271.05	1.03	41.5

OBSERVACIONES GENERALES

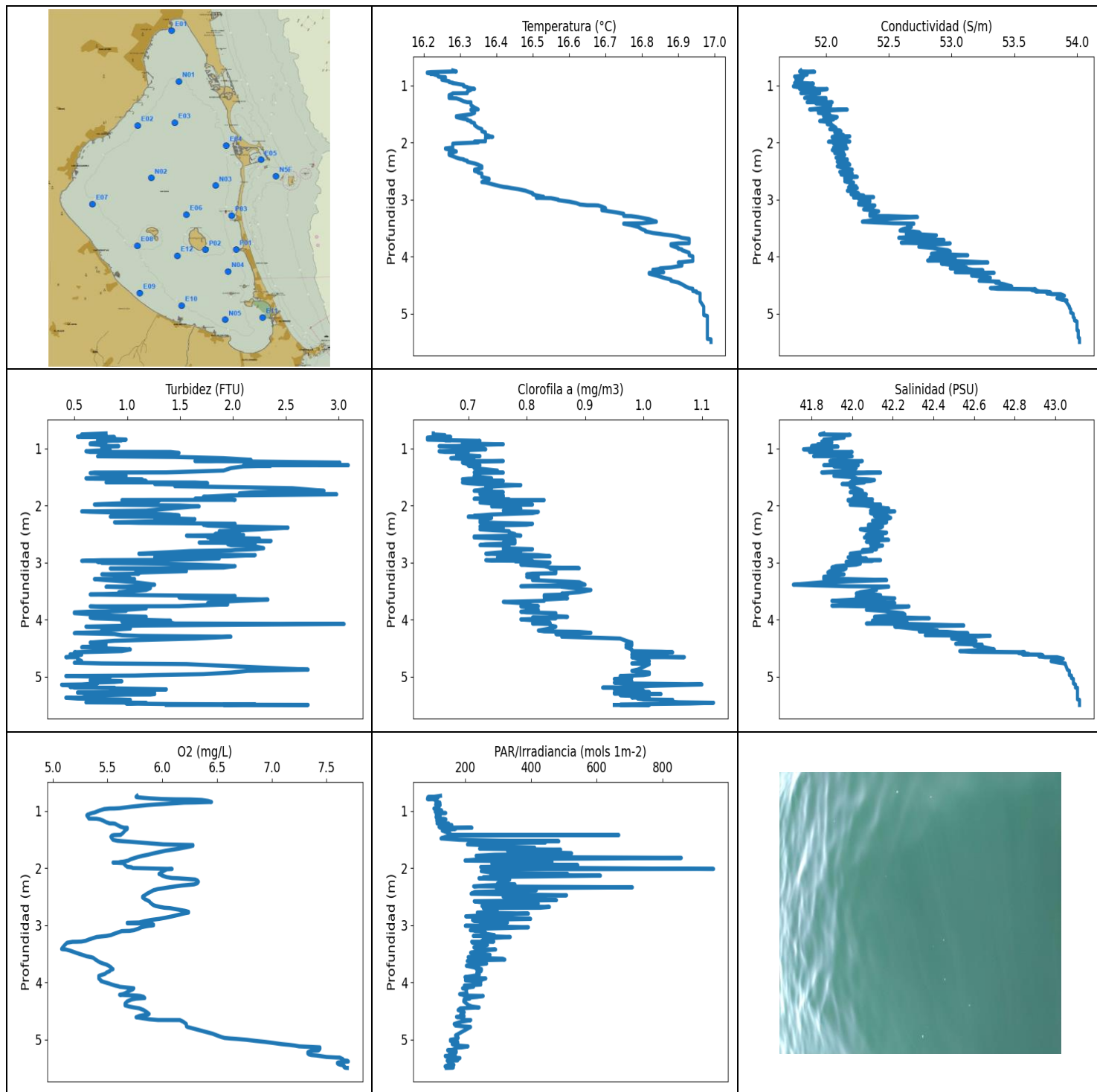
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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.709	16.83	51.8	0.65	5.86	595.54	1.1	41.28
0.721	16.82	51.9	0.69	5.9	527.8	1.04	41.38
0.731	16.74	52.18	0.84	5.98	334.25	1.01	41.72
0.756	16.75	52.0	0.84	6.11	642.87	1.01	41.55
0.777	16.78	51.83	0.8	6.29	237.08	1.0	41.36
0.794	16.77	52.0	0.76	6.5	308.56	0.99	41.53
0.795	16.64	51.98	1.03	7.27	398.35	0.95	41.65
0.796	16.61	52.09	1.41	7.35	517.74	1.04	41.78
0.826	16.64	51.9	1.18	7.37	391.3	1.01	41.58
0.845	16.55	52.03	1.34	7.27	393.94	0.99	41.78
0.857	16.58	51.91	1.03	7.22	789.61	1.01	41.64
0.884	16.62	51.93	0.92	7.2	370.73	1.03	41.63
0.908	16.61	51.94	0.92	7.2	351.16	0.97	41.64
0.921	16.61	51.94	0.88	7.21	452.82	1.03	41.64
0.935	16.61	51.98	0.88	7.21	826.11	1.09	41.68
0.948	16.62	51.9	0.76	7.22	283.73	1.03	41.58
0.956	16.63	51.94	0.65	7.21	356.49	1.01	41.61
0.965	16.65	52.09	0.72	7.18	353.04	0.95	41.73
0.983	16.69	52.01	0.69	7.14	344.87	1.02	41.61
0.996	16.73	51.89	0.72	7.09	737.42	1.02	41.47
1.005	16.74	51.98	0.69	7.03	251.28	0.98	41.55
1.017	16.71	52.08	0.8	6.97	462.58	1.03	41.66
1.031	16.72	51.9	0.99	6.93	269.62	1.03	41.48
1.037	16.73	51.97	0.88	6.88	520.02	1.05	41.54
1.046	16.69	52.15	0.88	6.83	432.21	1.05	41.74
1.061	16.69	51.98	0.88	6.8	258.97	1.05	41.59
1.073	16.71	51.9	1.07	6.77	303.31	0.98	41.49
1.082	16.71	52.02	1.45	6.75	333.7	1.04	41.61
1.09	16.68	52.02	1.22	6.75	281.5	1.02	41.64
1.095	16.67	51.94	0.95	6.76	284.25	0.99	41.58
1.1	16.66	52.03	1.07	6.77	338.06	1.16	41.66
1.11	16.68	52.05	1.49	6.8	334.56	1.07	41.67
1.115	16.7	51.92	1.03	6.84	242.86	1.02	41.53
1.117	16.71	51.98	0.95	6.87	298.22	0.98	41.56
1.128	16.7	52.1	1.3	6.9	355.34	1.02	41.7
1.142	16.69	51.94	1.26	6.92	345.51	1.04	41.56
1.158	16.71	52.0	1.14	6.93	256.28	1.05	41.59
1.168	16.7	52.06	0.92	6.93	520.51	0.98	41.66
1.172	16.68	52.02	0.92	6.93	294.38	0.99	41.64

1.188	16.68	51.97	0.92	6.93	364.51	1.06	41.59
1.204	16.69	51.94	1.11	6.94	440.81	1.08	41.55
1.215	16.7	52.1	1.22	6.94	282.87	1.03	41.69
1.231	16.71	52.07	1.07	6.95	489.04	1.03	41.65
1.241	16.73	51.95	1.87	6.97	249.65	1.08	41.52
1.256	16.74	52.09	2.52	6.99	764.75	1.08	41.63
1.277	16.73	52.07	3.01	7.01	240.01	1.18	41.63
1.294	16.73	51.93	1.87	7.01	266.95	1.17	41.5
1.298	16.73	52.02	1.91	7.0	231.86	1.08	41.59
1.302	16.71	52.17	1.79	6.96	312.37	1.05	41.74
1.312	16.72	52.09	1.34	6.92	893.64	1.08	41.66
1.329	16.76	51.98	1.56	6.88	277.16	1.1	41.53
1.346	16.78	52.03	1.91	6.84	694.14	1.17	41.55
1.358	16.77	52.11	1.3	6.8	304.93	1.12	41.63
1.37	16.76	52.06	1.03	6.78	275.11	1.05	41.58
1.38	16.77	52.05	1.3	6.76	328.41	1.07	41.57
1.392	16.77	52.19	1.56	6.75	304.65	1.1	41.7
1.406	16.77	52.07	1.49	6.74	540.67	1.09	41.58
1.417	16.82	52.04	1.37	6.74	201.67	1.08	41.51
1.428	16.84	52.14	1.41	6.74	266.95	1.12	41.57
1.438	16.82	52.04	1.53	6.73	313.17	1.08	41.51
1.448	16.81	52.09	1.6	6.71	237.96	1.05	41.56
1.463	16.81	52.16	1.98	6.71	487.23	1.02	41.63
1.481	16.82	52.06	2.1	6.7	228.18	1.09	41.53
1.494	16.82	52.06	1.83	6.69	305.71	1.08	41.52
1.504	16.84	52.18	1.68	6.67	657.19	1.08	41.62
1.513	16.84	52.16	2.4	6.66	259.09	1.11	41.59
1.525	16.85	52.1	2.44	6.65	512.96	1.13	41.54
1.541	16.86	52.13	2.1	6.63	321.78	1.11	41.55
1.552	16.89	52.11	1.87	6.61	290.65	1.06	41.5
1.564	16.92	52.2	2.17	6.57	550.41	1.09	41.56
1.577	16.97	52.21	2.4	6.53	298.92	1.12	41.51
1.592	17.02	52.12	2.67	6.49	275.31	1.02	41.37
1.605	17.04	52.11	2.4	6.44	272.96	1.05	41.34
1.61	17.06	52.22	2.14	6.39	260.29	1.06	41.43
1.615	17.09	52.23	1.72	6.34	235.93	1.11	41.4
1.634	17.12	52.12	1.79	6.3	407.79	1.13	41.27
1.659	17.13	52.11	1.64	6.27	205.58	1.0	41.25
1.679	17.15	52.21	1.18	6.25	464.73	1.09	41.32
1.695	17.18	52.32	1.07	6.23	337.2	0.99	41.39
1.713	17.2	52.13	1.03	6.22	367.48	0.96	41.19
1.725	17.22	52.22	0.95	6.2	293.63	0.99	41.26
1.738	17.19	52.45	1.95	6.2	271.69	1.05	41.5
1.749	17.17	52.17	1.72	6.2	247.12	0.98	41.26
1.758	17.18	52.31	1.79	6.19	449.69	1.01	41.38
1.771	17.15	52.53	1.53	6.19	278.9	1.03	41.61
1.789	17.14	52.32	1.49	6.2	236.91	1.13	41.43
1.803	17.15	52.17	1.41	6.22	262.17	1.14	41.29
1.809	17.11	52.54	1.56	6.23	263.75	1.15	41.66
1.816	17.06	52.48	1.53	6.27	271.25	1.08	41.66
1.826	17.07	52.24	1.64	6.31	598.03	1.09	41.43
1.836	17.08	52.45	1.22	6.35	203.45	1.1	41.61
1.839	17.04	52.6	1.45	6.4	322.83	1.07	41.78
1.843	17.04	52.46	1.07	6.44	400.94	1.27	41.66
1.847	17.06	52.27	1.34	6.49	320.81	1.24	41.47
1.852	17.05	52.49	1.6	6.52	247.29	1.29	41.68
1.853	17.04	52.46	2.21	6.58	303.31	1.06	41.65
1.856	17.04	52.53	2.67	6.53	253.56	1.08	41.72

1.866	17.04	52.48	1.87	6.47	230.57	1.13	41.68
1.875	17.02	52.49	1.45	6.28	318.66	1.15	41.7
1.879	17.03	52.55	1.76	6.22	273.53	1.09	41.75
1.89	17.03	52.47	2.44	6.18	257.41	1.08	41.67
1.905	17.04	52.46	1.95	6.13	259.69	1.01	41.65
1.917	17.06	52.5	2.25	6.1	224.2	1.02	41.66
1.92	17.09	52.41	2.1	6.08	265.34	1.05	41.57
1.923	17.09	52.52	1.98	6.06	356.41	1.06	41.65
1.931	17.1	52.55	2.25	6.04	241.91	1.05	41.68
1.944	17.12	52.53	3.47	6.02	251.28	1.04	41.64
1.982	17.17	52.56	3.74	5.93	592.92	1.12	41.61
2.07	17.31	52.66	3.7	5.74	277.55	1.07	41.55
2.087	17.33	52.65	3.36	5.71	309.71	1.05	41.53
2.099	17.35	52.51	3.32	5.69	234.24	1.0	41.38
2.106	17.36	52.69	2.94	5.68	233.32	1.01	41.53
2.114	17.37	52.73	2.48	5.65	234.24	1.01	41.56
2.125	17.37	52.72	2.36	5.63	259.57	1.01	41.54
2.131	17.37	52.54	3.47	5.63	348.73	1.03	41.39



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.21	51.74	0.38	5.08	84.64	0.63	41.71
PROF (metros)	0.768	1.01	5.141	3.413	0.788	0.805	3.386
MÁXIMO	16.99	16.99	3.09	7.7	956.21	1.12	43.12
PROF (metros)	5.449	5.43	1.29	5.383	2.012	5.457	5.406

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	16.25	51.81	0.74	5.91	111.34	0.67	41.89
1 - 2m	16.33	52.01	1.51	5.67	258.09	0.72	41.99
2 - 3m	16.37	52.18	1.57	6.02	333.41	0.76	42.1
3 - 4m	16.8	52.61	1.17	5.44	249.04	0.83	42.05
4 - 5m	16.92	53.46	1.0	5.92	198.11	0.94	42.69
5 - 6m	16.98	54.0	0.92	7.45	161.1	1.0	43.11

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)
0.732	16.28	51.8	0.8	5.77	124.5	0.64	41.86
0.75	16.29	51.79	0.57	5.76	104.22	0.64	41.84
0.756	16.25	51.91	0.65	5.77	86.08	0.65	41.99
0.761	16.22	51.87	0.65	5.79	117.24	0.66	41.98
0.768	16.21	51.81	0.57	5.83	86.46	0.64	41.94
0.777	16.21	51.82	0.57	5.89	104.88	0.64	41.95
0.788	16.22	51.84	0.53	5.99	84.64	0.64	41.96
0.794	16.22	51.8	0.57	6.12	113.5	0.67	41.91
0.796	16.23	51.81	0.88	6.25	107.76	0.64	41.92
0.805	16.23	51.85	0.76	6.36	107.11	0.63	41.96
0.822	16.24	51.82	0.76	6.42	114.21	0.63	41.92
0.84	16.24	51.75	0.99	6.45	110.82	0.63	41.86
0.848	16.25	51.82	0.72	6.3	122.38	0.67	41.9
0.851	16.26	51.79	0.95	6.2	121.64	0.66	41.87
0.862	16.26	51.78	0.84	6.11	122.86	0.72	41.87
0.876	16.25	51.76	0.72	6.01	110.49	0.71	41.85
0.885	16.25	51.77	0.8	5.93	109.57	0.69	41.86
0.895	16.25	51.81	0.72	5.86	123.55	0.69	41.9
0.908	16.26	51.79	0.65	5.79	118.8	0.69	41.88
0.922	16.27	51.76	0.65	5.72	114.03	0.76	41.83
0.936	16.27	51.79	0.76	5.66	119.8	0.71	41.86
0.949	16.28	51.76	0.8	5.61	108.53	0.69	41.82
0.954	16.28	51.75	0.84	5.56	120.08	0.68	41.8
0.955	16.28	51.83	0.92	5.52	104.37	0.65	41.88
0.964	16.29	51.9	0.76	5.47	109.37	0.69	41.93
0.987	16.31	51.83	0.76	5.43	128.07	0.72	41.85
1.01	16.31	51.74	0.8	5.4	108.23	0.73	41.76
1.025	16.32	51.77	0.84	5.38	120.61	0.7	41.79
1.033	16.32	51.89	0.72	5.36	140.54	0.68	41.9
1.045	16.33	51.91	0.61	5.34	115.57	0.65	41.9
1.057	16.34	51.79	0.65	5.33	111.49	0.66	41.79
1.058	16.33	52.01	1.41	5.32	114.16	0.7	42.0
1.074	16.33	51.97	1.49	5.31	123.69	0.69	41.96
1.103	16.32	51.82	0.99	5.32	110.85	0.68	41.83
1.131	16.32	51.8	0.84	5.33	113.42	0.72	41.81
1.134	16.28	51.95	0.72	5.4	134.61	0.69	42.0

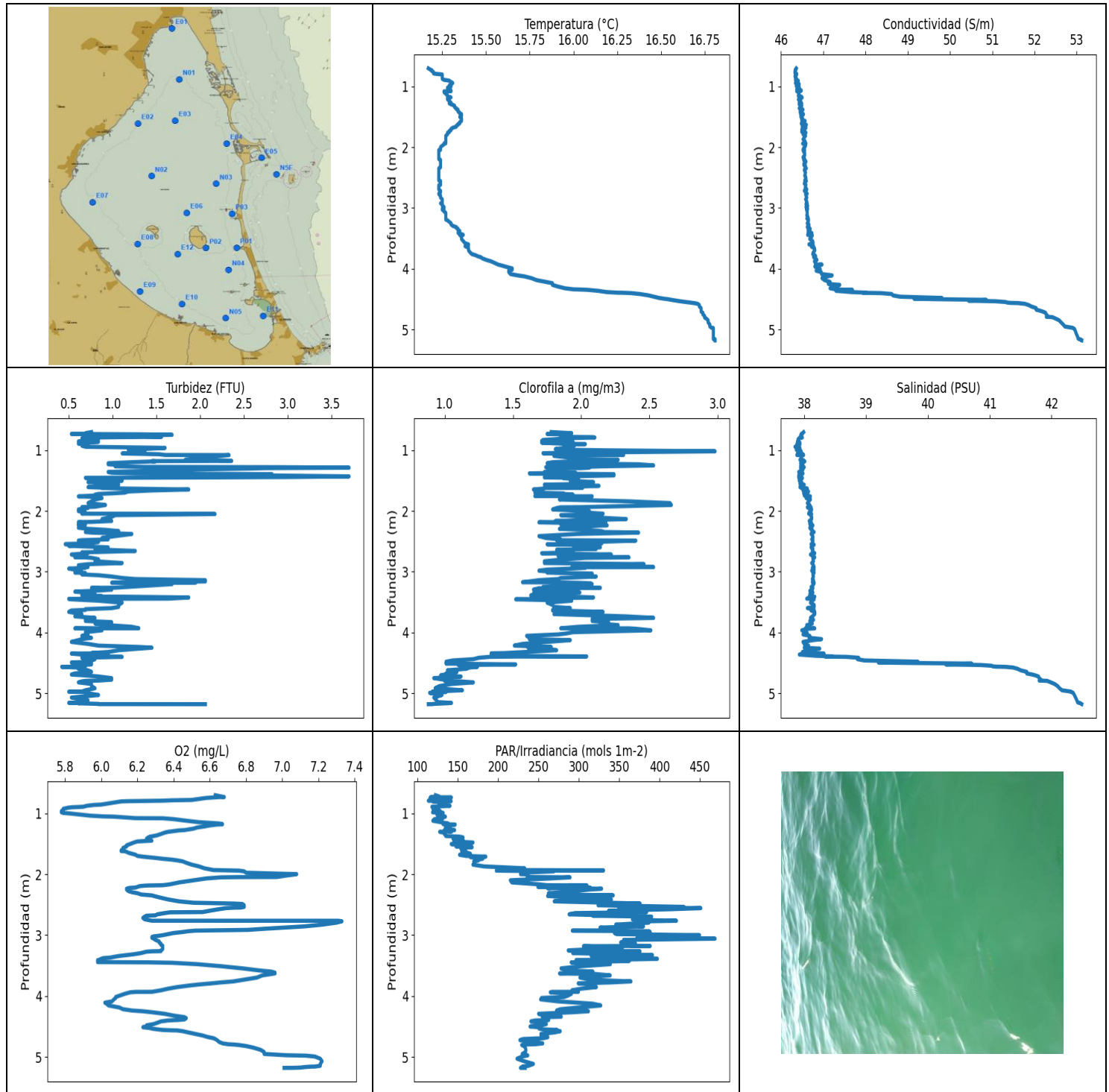
1.144	16.28	51.92	1.45	5.43	141.03	0.69	41.97
1.166	16.27	51.91	1.91	5.46	113.13	0.67	41.96
1.196	16.27	51.91	2.17	5.49	125.6	0.71	41.96
1.215	16.27	51.83	1.79	5.52	113.95	0.7	41.89
1.216	16.27	52.0	1.64	5.55	149.27	0.76	42.05
1.222	16.29	52.0	2.06	5.57	121.14	0.73	42.04
1.244	16.3	52.0	3.01	5.59	159.06	0.69	42.02
1.274	16.31	51.89	2.71	5.62	119.88	0.7	41.91
1.29	16.32	51.85	3.09	5.65	122.98	0.71	41.86
1.291	16.33	52.05	2.1	5.68	220.23	0.72	42.03
1.297	16.33	52.02	2.36	5.68	158.91	0.7	42.01
1.311	16.33	51.92	2.1	5.68	170.39	0.71	41.91
1.341	16.33	52.04	1.98	5.66	129.8	0.71	42.02
1.384	16.34	52.03	1.91	5.64	150.73	0.75	42.0
1.416	16.35	51.87	1.37	5.62	158.21	0.71	41.85
1.419	16.33	52.17	0.69	5.56	667.63	0.76	42.14
1.427	16.33	52.09	0.65	5.54	159.91	0.72	42.07
1.449	16.34	51.94	0.88	5.53	140.12	0.72	41.92
1.478	16.34	51.94	0.99	5.54	126.01	0.71	41.91
1.502	16.33	52.03	0.84	5.55	181.78	0.72	42.01
1.519	16.31	52.01	0.61	5.59	303.95	0.74	42.02
1.527	16.3	51.98	0.69	5.64	484.98	0.7	42.0
1.535	16.29	52.04	1.14	5.7	287.3	0.69	42.07
1.55	16.29	52.09	1.14	5.8	443.79	0.72	42.11
1.566	16.3	52.08	1.18	5.9	211.53	0.76	42.09
1.582	16.31	52.03	1.14	6.01	206.63	0.71	42.03
1.591	16.32	51.98	0.8	6.25	242.52	0.71	41.99
1.593	16.32	52.06	1.64	6.28	283.46	0.69	42.06
1.606	16.32	52.02	1.76	6.28	283.6	0.7	42.01
1.62	16.33	51.95	1.26	6.25	293.29	0.72	41.95
1.639	16.33	52.03	1.72	6.2	411.3	0.79	42.01
1.658	16.34	52.04	1.45	6.15	243.54	0.75	42.01
1.675	16.34	52.01	2.02	6.09	490.52	0.73	41.99
1.693	16.34	52.05	2.56	6.03	328.79	0.74	42.02
1.739	16.35	52.08	2.86	5.92	523.9	0.71	42.05
1.763	16.36	52.03	2.21	5.87	289.64	0.76	41.99
1.782	16.36	52.11	2.06	5.82	232.99	0.72	42.05
1.801	16.36	52.12	2.98	5.78	308.13	0.72	42.07
1.819	16.37	52.07	1.98	5.75	857.92	0.76	42.01
1.843	16.37	52.09	1.72	5.71	243.48	0.76	42.03
1.865	16.37	52.14	1.91	5.69	199.3	0.74	42.07
1.879	16.38	52.07	1.64	5.66	365.7	0.71	42.0
1.886	16.38	52.1	1.98	5.64	463.87	0.77	42.03
1.889	16.38	52.19	1.98	5.62	326.97	0.74	42.1
1.898	16.39	52.05	2.02	5.6	283.33	0.75	41.98
1.899	16.38	52.08	1.22	5.55	346.71	0.75	42.0
1.902	16.38	52.15	0.95	5.55	463.87	0.83	42.06
1.91	16.37	52.05	1.22	5.64	297.33	0.78	41.98
1.918	16.37	52.08	1.3	5.65	281.04	0.73	42.02
1.945	16.37	52.17	1.14	5.66	542.56	0.72	42.1
1.975	16.37	52.07	0.72	5.68	281.11	0.76	42.01
1.979	16.34	52.19	0.69	5.7	246.95	0.81	42.14
1.984	16.35	52.02	0.88	5.72	261.01	0.77	41.99
1.996	16.35	52.09	1.49	5.73	563.97	0.77	42.06
2.012	16.29	52.06	1.68	6.09	956.21	0.74	42.09
2.018	16.28	52.09	1.6	6.04	354.84	0.76	42.11
2.05	16.28	52.16	1.41	6.01	248.61	0.79	42.18
2.086	16.28	52.06	1.18	5.98	292.68	0.76	42.09

2.1	16.26	52.17	0.57	5.97	512.01	0.79	42.21
2.107	16.26	52.14	0.65	5.98	277.74	0.82	42.19
2.129	16.28	52.05	1.11	6.0	611.62	0.81	42.09
2.155	16.29	52.08	1.41	6.04	255.27	0.74	42.11
2.171	16.28	52.14	1.49	6.09	259.15	0.72	42.17
2.176	16.27	52.08	1.14	6.15	241.63	0.71	42.12
2.183	16.27	52.07	1.11	6.2	272.13	0.72	42.11
2.191	16.27	52.14	0.84	6.26	334.71	0.7	42.18
2.197	16.27	52.13	1.3	6.3	335.33	0.7	42.17
2.213	16.27	52.15	1.26	6.32	328.87	0.74	42.19
2.236	16.28	52.14	1.64	6.33	319.4	0.73	42.17
2.263	16.29	52.08	1.56	6.32	298.22	0.72	42.1
2.282	16.3	52.11	1.11	6.29	351.32	0.73	42.12
2.291	16.31	52.17	0.88	6.24	314.33	0.72	42.17
2.302	16.31	52.17	1.11	6.18	262.35	0.75	42.16
2.317	16.32	52.14	2.02	6.12	225.5	0.81	42.12
2.334	16.32	52.09	1.72	6.06	708.93	0.8	42.08
2.35	16.33	52.1	1.76	6.01	294.92	0.73	42.08
2.364	16.34	52.18	1.98	5.96	311.0	0.72	42.15
2.385	16.35	52.19	2.52	5.92	416.38	0.76	42.14
2.415	16.36	52.09	2.25	5.89	228.98	0.72	42.04
2.446	16.36	52.15	1.87	5.86	217.64	0.77	42.09
2.473	16.34	52.21	2.06	5.84	508.46	0.77	42.17
2.496	16.34	52.18	1.83	5.82	315.14	0.78	42.14
2.513	16.35	52.11	2.1	5.82	358.31	0.78	42.07
2.525	16.35	52.18	1.56	5.83	326.21	0.79	42.13
2.54	16.36	52.21	1.95	5.84	358.9	0.71	42.15
2.558	16.36	52.12	1.76	5.86	477.73	0.71	42.06
2.578	16.36	52.17	2.25	5.88	227.28	0.76	42.11
2.6	16.36	52.25	1.79	5.89	253.33	0.78	42.18
2.618	16.37	52.15	2.36	5.9	422.31	0.77	42.08
2.633	16.38	52.15	2.06	5.91	340.5	0.78	42.07
2.646	16.38	52.2	1.68	5.92	270.62	0.76	42.12
2.66	16.37	52.2	2.21	5.94	250.76	0.78	42.13
2.677	16.37	52.15	1.95	5.98	456.3	0.73	42.09
2.691	16.36	52.17	1.98	6.02	428.32	0.72	42.1
2.698	16.37	52.22	2.17	6.07	254.97	0.77	42.15
2.746	16.4	52.19	2.29	6.21	297.4	0.76	42.09
2.763	16.41	52.24	2.21	6.24	284.12	0.81	42.12
2.776	16.42	52.19	2.02	6.24	236.69	0.79	42.06
2.783	16.43	52.18	1.98	6.22	284.39	0.76	42.05
2.795	16.44	52.25	1.6	6.19	392.21	0.79	42.1
2.815	16.46	52.22	1.41	6.15	290.72	0.76	42.05
2.842	16.48	52.17	1.11	6.09	201.38	0.73	41.99
2.866	16.49	52.23	2.21	6.03	285.71	0.82	42.03
2.887	16.5	52.26	1.95	5.97	399.09	0.84	42.04
2.905	16.5	52.2	1.26	5.9	221.97	0.75	41.98
2.925	16.51	52.3	1.87	5.84	227.44	0.76	42.07
2.95	16.53	52.29	1.37	5.79	328.56	0.76	42.04
2.955	16.51	52.38	0.76	5.68	297.12	0.73	42.14
2.963	16.52	52.22	0.61	5.68	246.55	0.74	41.99
2.968	16.51	52.34	0.57	5.86	320.59	0.81	42.1
2.973	16.55	52.27	0.76	5.91	297.4	0.78	42.01
2.986	16.56	52.26	0.72	5.92	256.34	0.81	41.97
2.998	16.57	52.34	0.95	5.92	324.85	0.84	42.04
3.004	16.57	52.28	0.76	5.9	270.12	0.82	41.99
3.007	16.57	52.28	0.84	5.88	200.13	0.79	41.98
3.017	16.58	52.35	1.3	5.85	269.44	0.82	42.04

3.034	16.6	52.35	1.64	5.81	392.3	0.79	42.02
3.06	16.62	52.26	2.02	5.78	244.73	0.83	41.92
3.085	16.63	52.26	1.91	5.74	215.19	0.84	41.9
3.097	16.65	52.32	1.34	5.7	253.85	0.89	41.94
3.098	16.67	52.37	0.95	5.67	229.4	0.86	41.97
3.101	16.68	52.39	0.84	5.63	243.03	0.84	41.97
3.121	16.69	52.38	1.45	5.6	260.65	0.85	41.96
3.148	16.7	52.32	1.56	5.56	263.02	0.85	41.89
3.171	16.69	52.3	1.14	5.53	288.7	0.85	41.88
3.185	16.69	52.36	1.07	5.49	224.3	0.85	41.93
3.193	16.7	52.38	1.11	5.45	282.87	0.81	41.93
3.204	16.71	52.42	0.76	5.4	337.05	0.8	41.96
3.223	16.73	52.39	0.99	5.37	277.68	0.82	41.92
3.247	16.75	52.35	0.88	5.33	258.43	0.8	41.86
3.27	16.75	52.35	1.03	5.3	250.17	0.82	41.86
3.284	16.75	52.35	0.92	5.26	286.84	0.82	41.86
3.287	16.76	52.37	1.07	5.22	274.99	0.82	41.87
3.288	16.77	52.5	0.69	5.18	219.47	0.81	41.98
3.305	16.79	52.73	0.8	5.13	222.28	0.81	42.17
3.342	16.82	52.43	1.07	5.11	267.69	0.89	41.86
3.386	16.84	52.29	1.26	5.09	226.13	0.9	41.71
3.413	16.8	52.54	1.11	5.08	238.84	0.79	41.98
3.418	16.75	52.7	0.99	5.09	247.98	0.86	42.18
3.423	16.75	52.7	0.8	5.12	292.41	0.86	42.18
3.444	16.77	52.65	1.22	5.16	243.43	0.88	42.1
3.479	16.79	52.68	1.18	5.21	216.19	0.91	42.12
3.517	16.8	52.61	0.92	5.27	275.37	0.89	42.04
3.542	16.81	52.59	0.99	5.31	234.78	0.86	42.02
3.557	16.81	52.69	0.65	5.35	208.7	0.87	42.11
3.569	16.82	52.74	1.11	5.37	228.98	0.83	42.14
3.584	16.83	52.75	2.02	5.38	314.12	0.83	42.14
3.6	16.85	52.64	1.79	5.39	320.51	0.83	42.02
3.61	16.86	52.76	1.49	5.4	213.75	0.86	42.12
3.625	16.88	52.88	1.64	5.41	205.96	0.87	42.21
3.647	16.9	52.7	2.33	5.43	230.79	0.83	42.02
3.669	16.91	52.58	2.06	5.46	264.98	0.83	41.9
3.687	16.93	52.69	1.87	5.49	237.41	0.76	41.98
3.707	16.93	52.94	1.76	5.51	203.12	0.79	42.21
3.732	16.93	52.81	1.95	5.53	223.58	0.8	42.09
3.754	16.93	52.6	1.6	5.54	243.37	0.81	41.9
3.763	16.93	52.74	1.49	5.54	233.32	0.82	42.03
3.766	16.9	52.99	0.65	5.55	249.25	0.79	42.28
3.779	16.88	52.93	0.84	5.53	249.36	0.81	42.25
3.801	16.88	52.75	1.18	5.52	248.33	0.8	42.09
3.826	16.89	52.74	0.99	5.49	235.22	0.82	42.07
3.846	16.9	52.85	0.99	5.48	235.54	0.8	42.16
3.86	16.9	52.88	0.65	5.46	242.92	0.79	42.18
3.871	16.91	52.92	0.5	5.44	239.23	0.8	42.21
3.885	16.91	52.97	0.5	5.42	223.94	0.85	42.25
3.907	16.92	52.99	0.69	5.42	198.97	0.85	42.26
3.93	16.93	52.9	0.88	5.42	262.65	0.84	42.17
3.95	16.93	52.84	1.18	5.43	250.29	0.87	42.11
3.961	16.93	52.98	0.65	5.44	200.41	0.81	42.24
3.975	16.93	53.13	0.69	5.44	224.56	0.85	42.38
3.994	16.94	52.87	0.95	5.47	247.41	0.79	42.14
4.016	16.94	52.83	1.41	5.51	240.62	0.82	42.1
4.037	16.94	53.03	0.95	5.54	247.29	0.82	42.27
4.054	16.94	53.02	1.41	5.57	197.09	0.84	42.26

4.067	16.94	52.81	1.45	5.6	210.11	0.81	42.07
4.075	16.94	53.05	3.05	5.61	225.14	0.84	42.29
4.102	16.9	53.29	1.14	5.74	191.6	0.84	42.55
4.121	16.91	52.92	0.61	5.73	204.58	0.85	42.21
4.155	16.91	53.03	1.03	5.69	202.74	0.84	42.3
4.189	16.88	53.12	0.76	5.66	205.11	0.82	42.42
4.204	16.85	52.99	0.8	5.64	182.75	0.83	42.33
4.215	16.85	53.13	0.84	5.61	191.42	0.89	42.47
4.23	16.83	53.17	0.53	5.77	200.41	0.91	42.52
4.236	16.84	53.25	0.5	5.8	254.68	0.89	42.57
4.252	16.85	53.04	0.88	5.83	236.69	0.85	42.38
4.272	16.86	53.03	0.95	5.84	199.57	0.89	42.36
4.283	16.82	53.34	1.11	5.76	213.75	0.89	42.68
4.298	16.82	53.25	1.98	5.72	196.13	0.86	42.59
4.33	16.84	53.16	1.64	5.68	195.27	0.96	42.49
4.369	16.86	53.31	0.88	5.66	203.73	0.97	42.61
4.401	16.88	53.24	0.65	5.66	211.33	0.98	42.54
4.422	16.88	53.22	0.8	5.7	220.9	0.98	42.51
4.437	16.89	53.38	0.69	5.74	242.19	0.97	42.64
4.453	16.9	53.35	0.8	5.79	184.88	0.98	42.6
4.483	16.91	53.42	0.57	5.83	178.11	0.97	42.65
4.521	16.92	53.48	1.03	5.86	196.86	0.98	42.7
4.551	16.93	53.31	0.95	5.88	188.69	0.98	42.53
4.563	16.94	53.37	0.69	5.87	185.56	1.03	42.59
4.572	16.94	53.67	0.5	5.83	192.08	1.05	42.85
4.586	16.94	53.64	0.53	5.79	196.36	1.01	42.82
4.602	16.94	53.69	0.53	5.77	173.18	1.03	42.87
4.609	16.95	53.67	0.46	5.76	176.63	0.98	42.84
4.613	16.95	53.76	0.57	5.78	195.54	0.98	42.93
4.626	16.95	53.79	0.53	5.82	190.22	1.04	42.94
4.644	16.96	53.76	0.5	5.88	193.47	0.99	42.92
4.657	16.96	53.8	0.42	5.96	195.32	1.07	42.95
4.658	16.96	53.87	0.53	6.16	216.79	0.98	43.01
4.685	16.96	53.9	0.53	6.19	188.16	0.99	43.04
4.727	16.96	53.84	0.57	6.22	166.18	1.01	42.98
4.755	16.96	53.88	0.5	6.22	170.31	0.99	43.02
4.767	16.96	53.92	0.76	6.22	192.66	0.98	43.05
4.779	16.96	53.91	1.56	6.23	216.19	1.01	43.05
4.876	16.97	53.94	2.71	6.42	186.08	0.99	43.06
4.897	16.97	53.94	2.14	6.46	179.89	0.98	43.07
4.927	16.97	53.95	1.98	6.5	170.24	1.01	43.07
4.955	16.97	53.95	1.72	6.54	176.95	1.01	43.07
4.971	16.97	53.95	1.26	6.57	178.39	1.0	43.07
4.98	16.97	53.95	1.07	6.62	176.79	0.98	43.08
4.988	16.97	53.96	0.42	6.68	170.47	0.96	43.08
5.003	16.97	53.97	0.84	6.77	154.77	0.98	43.08
5.022	16.97	53.97	0.76	6.85	154.7	0.98	43.08
5.04	16.98	53.97	0.69	6.94	176.75	0.95	43.09
5.06	16.98	53.97	0.65	7.02	177.28	0.97	43.09
5.079	16.98	53.98	0.95	7.09	160.13	0.98	43.09
5.092	16.98	53.98	0.88	7.16	166.03	0.96	43.09
5.104	16.98	53.98	0.65	7.21	176.26	0.95	43.09
5.118	16.98	53.98	0.72	7.25	208.27	0.97	43.09
5.136	16.98	54.0	0.57	7.44	188.99	1.1	43.1
5.141	16.98	54.0	0.38	7.44	171.78	1.08	43.1
5.161	16.98	54.0	0.5	7.44	169.13	1.01	43.1
5.181	16.98	54.0	0.46	7.43	159.28	0.99	43.1
5.185	16.98	54.0	0.5	7.43	146.29	0.98	43.1

5.191	16.98	54.0	0.5	7.42	147.0	0.93	43.1
5.194	16.98	54.0	0.88	7.38	172.02	0.95	43.11
5.203	16.98	54.0	0.84	7.35	171.66	0.98	43.11
5.222	16.98	54.0	1.37	7.33	172.54	0.95	43.11
5.243	16.98	54.0	0.99	7.33	152.42	1.0	43.11
5.259	16.98	54.0	1.26	7.34	152.21	0.98	43.11
5.27	16.98	54.0	0.76	7.36	155.38	1.01	43.11
5.275	16.98	54.0	0.65	7.39	169.29	0.97	43.11
5.278	16.98	54.0	0.53	7.41	155.2	0.95	43.11
5.287	16.98	54.0	0.84	7.44	138.95	0.97	43.11
5.296	16.98	54.01	0.95	7.47	140.61	0.95	43.11
5.304	16.98	54.01	1.26	7.5	156.21	1.03	43.11
5.313	16.98	54.01	1.22	7.59	161.06	0.97	43.11
5.314	16.98	54.01	0.99	7.62	165.49	1.0	43.11
5.323	16.98	54.01	0.72	7.63	183.81	0.96	43.11
5.343	16.98	54.01	0.61	7.65	176.79	0.99	43.11
5.365	16.98	54.01	0.57	7.66	176.58	0.98	43.11
5.369	16.98	54.01	0.42	7.69	144.77	1.01	43.11
5.383	16.98	54.01	0.53	7.7	159.76	0.99	43.11
5.398	16.98	54.01	0.92	7.61	161.25	1.0	43.11
5.406	16.98	54.01	1.03	7.6	156.64	1.05	43.12
5.418	16.98	54.01	0.99	7.6	148.82	1.05	43.12
5.43	16.98	54.02	0.84	7.61	149.06	1.03	43.12
5.442	16.98	54.02	0.8	7.63	165.45	1.05	43.12
5.449	16.99	54.02	0.61	7.65	161.21	1.06	43.12
5.457	16.99	54.02	1.18	7.66	141.59	1.12	43.12
5.47	16.99	54.02	0.99	7.66	138.5	1.08	43.12
5.48	16.99	54.02	1.41	7.66	152.91	1.0	43.12
5.487	16.99	54.02	2.21	7.67	163.77	0.99	43.12
5.492	16.99	54.02	1.91	7.67	161.96	0.96	43.12
5.495	16.99	54.02	2.71	7.68	144.54	1.01	43.12
5.496	16.99	54.02	1.37	7.69	142.25	0.95	43.12



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	15.17	46.33	0.42	5.78	113.29	0.88	37.85
PROF (metros)	0.703	0.748	4.566	0.963	0.793	5.181	0.945
MÁXIMO	16.81	16.81	3.7	7.33	469.06	2.98	42.49
PROF (metros)	5.16	5.18	1.289	2.773	3.059	1.02	5.18

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

CTD E05 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.24	46.36	0.9	6.17	124.64	1.87	37.92
1 - 2m	15.3	46.49	1.37	6.35	158.07	1.97	37.99
2 - 3m	15.24	46.57	0.79	6.52	321.47	2.0	38.13
3 - 4m	15.37	46.7	0.96	6.37	335.62	1.92	38.12
4 - 5m	16.39	49.94	0.76	6.46	258.01	1.29	40.05
5 - 6m	16.8	53.06	0.83	7.15	232.22	0.96	42.44

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)
0.703	15.17	46.36	0.76	6.63	122.18	1.78	37.99
0.722	15.18	46.34	0.69	6.66	126.45	1.93	37.97
0.733	15.19	46.35	0.72	6.68	116.38	1.8	37.97
0.734	15.19	46.34	0.53	6.65	117.24	1.75	37.95
0.74	15.19	46.34	1.3	6.62	141.98	1.84	37.95
0.748	15.19	46.33	1.68	6.58	115.38	1.87	37.95
0.764	15.2	46.33	1.14	6.54	117.22	1.89	37.94
0.781	15.2	46.33	1.56	6.5	118.94	1.85	37.94
0.787	15.2	46.35	1.07	6.39	114.4	2.09	37.95
0.793	15.21	46.37	0.76	6.34	113.29	2.1	37.97
0.801	15.24	46.36	0.72	6.15	141.65	1.94	37.92
0.805	15.25	46.37	0.65	6.11	118.94	1.88	37.93
0.819	15.25	46.34	0.84	6.08	128.42	1.82	37.9
0.833	15.25	46.33	0.69	6.05	126.83	1.72	37.9
0.848	15.25	46.35	0.72	6.02	132.29	1.71	37.91
0.857	15.25	46.34	0.61	6.0	127.62	1.75	37.89
0.863	15.25	46.35	0.84	5.96	131.22	1.94	37.91
0.877	15.25	46.37	0.72	5.92	140.25	1.71	37.93
0.893	15.26	46.34	0.61	5.9	117.79	1.84	37.89
0.901	15.28	46.35	0.72	5.84	126.07	2.03	37.88
0.907	15.29	46.41	0.69	5.82	123.09	1.87	37.93
0.927	15.3	46.38	0.65	5.79	118.94	1.95	37.89
0.945	15.31	46.34	0.69	5.79	125.37	1.92	37.85
0.963	15.3	46.43	1.6	5.78	128.28	1.88	37.93
0.984	15.29	46.41	1.34	5.78	118.61	1.81	37.92
0.994	15.3	46.36	1.18	5.79	131.74	1.88	37.87
1.004	15.3	46.43	1.37	5.83	125.69	2.19	37.94
1.02	15.28	46.43	1.37	5.88	123.98	2.98	37.95
1.039	15.28	46.38	1.22	5.94	131.44	2.05	37.9
1.051	15.29	46.37	1.18	6.01	131.16	1.72	37.89
1.055	15.29	46.45	1.11	6.07	134.55	1.94	37.96
1.068	15.3	46.48	1.53	6.13	131.31	1.97	37.98
1.08	15.3	46.37	1.6	6.19	124.41	2.31	37.88
1.081	15.28	46.46	2.02	6.3	125.37	2.14	37.99
1.082	15.26	46.44	2.33	6.34	131.41	1.8	37.98
1.096	15.26	46.41	2.21	6.4	120.86	1.8	37.96

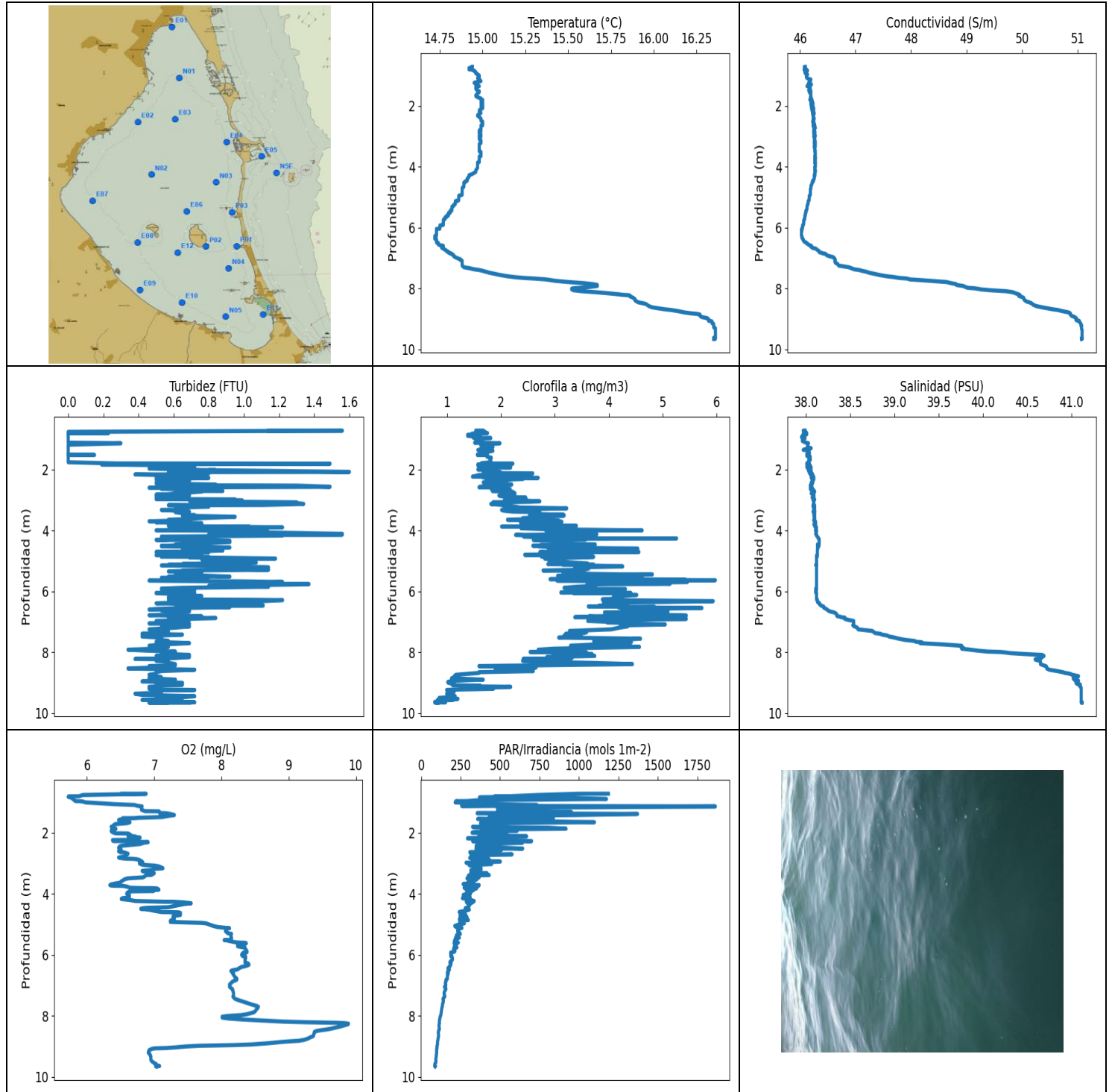
1.122	15.27	46.42	1.98	6.47	118.91	1.91	37.95
1.146	15.28	46.41	1.91	6.54	128.72	1.94	37.94
1.159	15.28	46.41	1.83	6.61	134.64	2.27	37.93
1.167	15.28	46.48	2.21	6.65	137.7	2.0	37.99
1.177	15.29	46.45	2.36	6.67	131.53	1.98	37.97
1.181	15.3	46.45	1.45	6.67	140.22	2.15	37.95
1.185	15.29	46.5	1.49	6.64	146.66	1.94	38.01
1.199	15.28	46.47	1.22	6.6	137.19	1.79	37.99
1.216	15.28	46.41	0.95	6.57	135.05	1.75	37.94
1.233	15.29	46.44	0.95	6.53	134.39	2.42	37.96
1.252	15.29	46.47	1.14	6.51	140.38	2.53	37.98
1.267	15.3	46.43	1.03	6.48	142.77	2.15	37.94
1.276	15.29	46.45	1.34	6.46	145.92	2.03	37.96
1.281	15.29	46.49	2.9	6.43	132.91	1.74	38.0
1.289	15.3	46.46	3.7	6.41	136.59	2.06	37.96
1.297	15.3	46.43	2.75	6.39	142.54	2.0	37.94
1.304	15.31	46.46	2.56	6.37	127.36	1.79	37.96
1.318	15.32	46.49	1.95	6.35	133.43	1.83	37.98
1.34	15.32	46.48	1.49	6.33	133.25	1.79	37.96
1.36	15.33	46.43	0.95	6.31	134.61	1.73	37.91
1.373	15.33	46.47	0.99	6.29	134.89	1.96	37.94
1.383	15.34	46.52	1.26	6.27	151.71	1.62	37.98
1.396	15.34	46.5	2.82	6.26	156.43	2.24	37.96
1.416	15.34	46.45	2.75	6.25	143.94	2.24	37.91
1.432	15.35	46.46	3.7	6.25	147.65	1.92	37.92
1.443	15.35	46.49	3.01	6.26	156.64	1.73	37.94
1.449	15.35	46.46	2.21	6.28	150.45	1.73	37.91
1.456	15.36	46.53	0.69	6.24	147.11	1.94	37.97
1.462	15.36	46.53	0.8	6.2	145.01	1.87	37.97
1.48	15.36	46.47	0.92	6.18	168.74	1.98	37.92
1.504	15.35	46.47	1.11	6.16	141.72	1.92	37.92
1.526	15.36	46.51	0.72	6.14	152.1	2.09	37.96
1.545	15.36	46.49	0.92	6.14	147.65	1.92	37.93
1.556	15.36	46.49	0.84	6.13	167.69	2.02	37.93
1.569	15.36	46.57	1.07	6.12	153.23	1.73	38.0
1.588	15.35	46.53	0.92	6.12	154.37	2.13	37.97
1.609	15.35	46.48	0.72	6.11	159.46	1.85	37.93
1.62	15.34	46.53	0.92	6.11	155.81	1.97	37.99
1.622	15.34	46.49	0.92	6.12	158.03	2.01	37.95
1.623	15.34	46.52	0.88	6.13	154.77	1.73	37.97
1.632	15.34	46.6	1.11	6.14	155.31	1.73	38.05
1.648	15.33	46.52	1.87	6.15	162.11	1.65	37.98
1.664	15.33	46.5	1.45	6.17	165.53	1.71	37.98
1.681	15.31	46.59	1.18	6.19	152.03	1.69	38.07
1.7	15.3	46.54	1.14	6.2	160.28	1.66	38.03
1.712	15.3	46.49	0.99	6.23	184.66	1.87	37.99
1.721	15.3	46.56	0.84	6.26	165.72	1.87	38.05
1.733	15.29	46.55	0.8	6.3	179.39	1.94	38.06
1.747	15.29	46.49	0.8	6.34	180.77	1.79	38.0
1.755	15.29	46.54	0.69	6.37	177.45	1.66	38.04
1.761	15.28	46.59	0.61	6.39	173.82	2.08	38.1
1.773	15.28	46.52	0.84	6.42	175.61	1.88	38.03
1.789	15.28	46.52	0.88	6.45	169.68	1.88	38.03
1.813	15.27	46.58	0.8	6.47	170.31	1.84	38.1
1.843	15.27	46.55	0.76	6.5	168.66	2.35	38.07
1.872	15.27	46.52	0.72	6.54	182.32	2.65	38.05
1.903	15.27	46.57	0.92	6.57	232.88	2.66	38.09
1.932	15.27	46.55	0.8	6.62	225.24	2.14	38.07

1.938	15.27	46.57	0.65	6.71	330.7	2.01	38.09
1.939	15.26	46.59	0.69	6.74	217.9	1.94	38.11
1.941	15.26	46.51	0.72	6.76	197.64	1.85	38.05
1.953	15.26	46.54	0.72	6.79	269.06	1.82	38.07
1.976	15.25	46.58	0.61	6.8	229.99	1.79	38.12
1.999	15.24	46.56	0.61	7.08	227.71	2.01	38.11
2.004	15.24	46.56	0.61	7.07	237.19	2.06	38.11
2.023	15.24	46.53	0.69	7.02	236.15	2.0	38.08
2.046	15.24	46.52	0.65	6.97	236.04	2.16	38.07
2.048	15.23	46.55	1.87	6.75	251.69	2.0	38.11
2.052	15.23	46.56	2.17	6.66	289.1	2.1	38.12
2.07	15.23	46.53	1.03	6.58	264.12	1.85	38.1
2.1	15.23	46.56	0.99	6.51	215.04	2.03	38.12
2.135	15.23	46.56	0.88	6.43	216.89	2.33	38.12
2.166	15.23	46.52	0.99	6.38	250.06	1.81	38.08
2.181	15.23	46.54	0.76	6.34	260.71	2.18	38.1
2.185	15.23	46.55	0.61	6.26	310.21	1.92	38.11
2.188	15.23	46.53	0.61	6.24	288.5	1.69	38.09
2.197	15.23	46.56	0.69	6.21	284.52	1.86	38.11
2.209	15.24	46.56	0.65	6.2	249.25	2.11	38.12
2.219	15.24	46.54	0.61	6.19	280.13	1.94	38.09
2.222	15.24	46.57	0.65	6.17	314.41	1.94	38.12
2.224	15.24	46.56	0.69	6.16	266.27	1.85	38.11
2.23	15.24	46.56	0.69	6.15	261.2	1.98	38.11
2.238	15.24	46.59	0.61	6.14	328.26	2.19	38.14
2.253	15.24	46.58	0.65	6.14	312.52	2.03	38.13
2.277	15.24	46.54	0.61	6.15	294.51	1.95	38.09
2.296	15.24	46.54	0.72	6.17	283.53	1.84	38.1
2.312	15.24	46.58	0.92	6.2	262.29	2.04	38.13
2.333	15.24	46.58	1.07	6.22	277.42	2.15	38.13
2.348	15.23	46.6	0.69	6.28	342.72	2.17	38.16
2.357	15.23	46.56	0.76	6.29	261.32	2.42	38.12
2.38	15.23	46.55	1.22	6.32	285.57	1.97	38.11
2.415	15.23	46.58	1.03	6.37	340.42	1.69	38.14
2.446	15.23	46.57	0.88	6.43	269.5	1.74	38.14
2.469	15.23	46.56	0.95	6.51	337.83	1.85	38.12
2.482	15.23	46.58	0.65	6.73	376.01	1.82	38.14
2.489	15.23	46.58	0.61	6.78	333.32	2.4	38.14
2.51	15.23	46.59	0.84	6.79	323.87	2.12	38.14
2.537	15.23	46.57	0.72	6.79	430.41	2.15	38.13
2.548	15.23	46.56	0.46	6.77	393.85	2.01	38.11
2.549	15.23	46.59	0.69	6.74	349.54	1.75	38.14
2.557	15.24	46.6	0.65	6.69	451.36	2.01	38.16
2.575	15.24	46.57	0.5	6.65	414.17	2.13	38.12
2.6	15.24	46.55	0.95	6.6	336.97	2.14	38.11
2.622	15.24	46.59	0.8	6.56	384.12	1.94	38.14
2.626	15.23	46.58	0.8	6.38	367.74	2.11	38.14
2.639	15.23	46.58	0.88	6.35	295.4	1.82	38.13
2.659	15.23	46.58	1.26	6.31	287.97	1.87	38.14
2.676	15.23	46.57	0.84	6.3	337.75	1.87	38.13
2.682	15.23	46.6	0.65	6.25	317.34	1.94	38.15
2.697	15.23	46.61	0.72	6.24	390.31	1.71	38.17
2.718	15.24	46.55	0.53	6.23	369.02	2.22	38.1
2.741	15.24	46.59	0.61	6.24	366.46	1.83	38.14
2.764	15.23	46.6	0.57	6.28	406.28	2.04	38.16
2.765	15.23	46.62	0.69	7.31	421.14	2.35	38.17
2.773	15.23	46.58	0.76	7.33	385.1	2.03	38.14
2.796	15.24	46.59	0.84	7.3	386.89	1.88	38.14

2.829	15.24	46.61	0.8	7.22	345.83	1.73	38.15
2.858	15.25	46.58	1.11	7.12	380.22	1.73	38.12
2.877	15.25	46.6	0.72	7.01	326.36	2.46	38.14
2.895	15.25	46.61	0.61	6.91	341.45	2.14	38.15
2.915	15.25	46.6	0.72	6.81	329.94	2.27	38.15
2.925	15.24	46.62	0.72	6.58	337.91	2.53	38.16
2.927	15.25	46.61	0.65	6.52	291.93	1.93	38.16
2.937	15.25	46.59	0.69	6.48	387.33	2.03	38.13
2.95	15.25	46.6	0.5	6.45	388.59	1.92	38.14
2.966	15.25	46.63	0.57	6.4	344.15	1.75	38.16
2.984	15.26	46.59	0.61	6.37	346.79	1.69	38.12
3.002	15.26	46.61	0.65	6.34	449.79	1.78	38.14
3.015	15.25	46.63	0.57	6.31	386.44	1.75	38.16
3.021	15.25	46.6	0.69	6.29	415.51	1.83	38.14
3.031	15.25	46.61	0.69	6.28	428.52	2.08	38.15
3.045	15.26	46.61	0.65	6.28	372.11	2.08	38.14
3.059	15.26	46.62	0.84	6.29	469.06	1.99	38.14
3.08	15.27	46.62	0.99	6.3	355.5	2.11	38.15
3.104	15.27	46.62	1.11	6.32	363.42	1.85	38.14
3.122	15.27	46.61	1.26	6.32	351.9	1.83	38.13
3.14	15.27	46.63	2.06	6.33	370.22	1.69	38.15
3.161	15.27	46.64	2.06	6.33	361.15	1.62	38.15
3.174	15.27	46.61	1.3	6.34	364.26	1.57	38.13
3.179	15.27	46.62	1.95	6.34	388.59	1.88	38.14
3.183	15.27	46.64	0.99	6.34	305.71	1.97	38.16
3.192	15.27	46.65	1.6	6.34	323.13	2.07	38.16
3.205	15.28	46.65	1.68	6.34	354.19	2.08	38.15
3.23	15.29	46.64	1.41	6.34	318.74	1.94	38.14
3.252	15.3	46.62	1.18	6.33	286.84	1.72	38.11
3.264	15.3	46.63	1.03	6.33	315.28	1.79	38.12
3.267	15.3	46.64	0.76	6.28	375.92	2.14	38.13
3.273	15.3	46.66	0.84	6.25	336.89	1.69	38.14
3.296	15.31	46.66	0.99	6.22	292.47	1.65	38.13
3.315	15.33	46.62	0.8	6.18	348.16	1.72	38.09
3.329	15.33	46.66	0.57	6.14	391.4	1.87	38.12
3.343	15.34	46.69	0.69	6.1	315.43	1.99	38.14
3.358	15.34	46.65	0.76	6.07	385.36	1.65	38.1
3.37	15.34	46.64	0.8	6.05	377.5	1.65	38.09
3.379	15.35	46.68	0.65	6.01	336.66	1.79	38.12
3.39	15.35	46.69	0.65	6.0	397.43	1.63	38.13
3.404	15.35	46.65	0.88	5.99	349.54	1.94	38.09
3.41	15.35	46.64	0.8	5.99	296.57	1.72	38.08
3.412	15.34	46.73	1.14	5.98	346.55	1.95	38.17
3.425	15.35	46.73	1.87	5.98	362.58	2.09	38.16
3.444	15.37	46.63	1.64	5.98	311.43	1.66	38.04
3.448	15.35	46.73	0.5	6.26	290.51	1.74	38.15
3.455	15.36	46.74	0.53	6.39	306.14	1.52	38.16
3.478	15.36	46.72	0.84	6.53	339.08	1.93	38.13
3.511	15.36	46.68	1.11	6.66	303.59	1.75	38.1
3.547	15.37	46.75	1.07	6.78	278.0	1.79	38.16
3.58	15.38	46.76	1.07	6.87	285.91	1.8	38.16
3.6	15.4	46.66	0.99	6.94	317.56	1.92	38.05
3.617	15.4	46.76	0.69	6.96	305.22	1.82	38.14
3.63	15.38	46.77	0.69	6.96	276.07	1.79	38.16
3.639	15.39	46.72	0.53	6.94	319.77	1.79	38.11
3.662	15.4	46.79	0.5	6.89	338.93	2.16	38.17
3.698	15.4	46.8	0.65	6.86	301.35	1.8	38.17
3.736	15.41	46.76	0.57	6.78	316.01	2.33	38.13

3.761	15.42	46.75	0.8	6.73	364.68	2.53	38.1
3.778	15.44	46.8	0.69	6.66	339.56	2.08	38.14
3.793	15.45	46.82	0.69	6.61	299.26	2.14	38.15
3.811	15.47	46.77	0.69	6.54	314.12	2.08	38.09
3.831	15.48	46.81	0.99	6.48	312.95	2.2	38.11
3.854	15.5	46.85	0.8	6.42	321.85	2.14	38.13
3.88	15.53	46.79	0.95	6.37	303.24	2.27	38.04
3.907	15.55	46.82	1.22	6.33	291.46	1.98	38.05
3.932	15.57	46.82	1.3	6.28	299.47	1.85	38.02
3.933	15.57	46.97	0.57	6.19	266.76	2.35	38.17
3.94	15.58	46.86	0.88	6.16	264.61	2.4	38.06
3.965	15.61	46.8	0.88	6.13	290.78	2.51	37.96
3.996	15.65	46.92	0.69	6.1	286.1	1.94	38.04
4.017	15.65	46.93	0.72	6.08	281.76	1.89	38.05
4.033	15.63	46.83	0.72	6.08	253.8	1.83	37.98
4.056	15.63	46.95	0.65	6.07	252.62	1.6	38.09
4.089	15.64	46.96	0.76	6.06	274.54	1.62	38.08
4.11	15.68	47.21	0.65	6.02	298.43	1.62	38.28
4.127	15.72	47.1	0.61	6.03	317.19	1.92	38.14
4.156	15.76	46.97	0.53	6.04	327.27	1.75	37.98
4.189	15.79	47.03	0.72	6.1	299.96	1.57	38.0
4.217	15.84	47.16	0.84	6.12	277.36	1.51	38.07
4.239	15.88	47.12	1.3	6.17	272.39	1.78	38.01
4.251	15.88	47.12	1.45	6.23	311.94	1.61	38.0
4.267	15.88	47.39	1.3	6.28	292.47	1.75	38.25
4.293	15.91	47.25	1.07	6.35	250.06	1.82	38.09
4.322	15.95	47.16	0.95	6.4	257.05	1.59	37.97
4.34	16.0	47.29	0.76	6.44	278.26	1.44	38.04
4.344	16.05	47.42	0.95	6.45	268.5	1.34	38.11
4.348	16.08	47.69	0.53	6.46	254.86	1.34	38.32
4.364	16.14	47.3	0.65	6.47	257.11	1.59	37.92
4.385	16.19	47.67	0.84	6.46	261.01	1.42	38.2
4.395	16.25	48.02	0.95	6.42	262.65	2.04	38.46
4.397	16.29	47.94	0.99	6.4	257.17	1.53	38.34
4.402	16.33	48.36	1.11	6.37	246.15	1.33	38.68
4.417	16.38	48.62	0.65	6.33	240.56	1.25	38.88
4.44	16.43	48.65	0.8	6.31	256.69	1.21	38.86
4.461	16.46	48.82	0.76	6.29	259.75	1.06	38.97
4.482	16.49	49.81	0.76	6.25	253.27	1.01	39.84
4.495	16.52	49.15	0.53	6.26	242.41	1.01	39.2
4.502	16.54	49.68	0.61	6.25	239.51	1.13	39.67
4.513	16.56	50.86	0.76	6.23	250.29	1.01	40.71
4.527	16.59	50.44	0.76	6.27	253.68	1.52	40.29
4.536	16.61	51.07	0.65	6.28	250.7	1.1	40.85
4.548	16.64	51.31	0.65	6.31	255.69	1.14	41.03
4.558	16.67	51.36	0.69	6.34	273.21	1.13	41.05
4.563	16.68	51.43	0.65	6.38	272.45	1.15	41.1
4.566	16.69	51.61	0.42	6.42	269.62	1.24	41.25
4.578	16.71	51.77	0.61	6.45	276.97	1.18	41.38
4.598	16.72	51.86	0.61	6.48	270.0	1.16	41.45
4.623	16.72	51.93	0.72	6.52	252.97	1.02	41.5
4.649	16.73	52.04	0.76	6.56	253.38	1.09	41.6
4.675	16.73	52.04	0.57	6.59	261.62	1.01	41.6
4.693	16.73	52.14	0.53	6.62	256.34	1.0	41.69
4.707	16.73	52.2	0.69	6.63	231.0	0.97	41.74
4.725	16.74	52.26	0.84	6.64	226.92	1.12	41.79
4.752	16.74	52.28	0.99	6.65	246.15	0.92	41.8
4.778	16.75	52.31	0.99	6.67	255.27	1.0	41.83

4.792	16.75	52.28	0.84	6.7	246.66	1.01	41.8
4.797	16.75	52.42	0.69	6.73	232.88	1.0	41.93
4.805	16.75	52.45	0.65	6.76	229.14	1.11	41.95
4.822	16.76	52.5	0.61	6.8	231.86	1.21	41.99
4.848	16.77	52.58	0.76	6.84	233.64	1.05	42.05
4.884	16.77	52.63	0.76	6.88	234.4	0.96	42.1
4.919	16.78	52.68	0.8	6.9	233.97	0.93	42.13
4.952	16.78	52.72	0.69	6.9	229.77	1.13	42.17
4.973	16.79	52.9	0.65	7.02	231.43	0.91	42.31
4.976	16.8	52.91	0.5	7.07	236.69	0.97	42.32
4.98	16.8	52.92	0.69	7.13	235.16	1.01	42.32
4.994	16.8	52.95	0.69	7.18	229.77	0.89	42.35
5.03	16.8	52.97	0.84	7.21	223.32	0.98	42.37
5.072	16.8	52.99	0.53	7.22	232.34	0.92	42.39
5.116	16.8	53.02	0.72	7.21	243.65	0.94	42.41
5.147	16.8	53.03	0.69	7.21	237.35	0.95	42.42
5.159	16.8	53.05	0.5	7.18	229.99	1.04	42.44
5.16	16.81	53.07	0.65	7.16	232.08	1.05	42.46
5.166	16.81	53.1	0.61	7.13	233.86	1.01	42.47
5.176	16.81	53.1	0.84	7.1	228.5	0.92	42.48
5.18	16.81	53.12	0.84	7.06	227.6	0.91	42.49
5.181	16.81	53.12	2.06	7.01	233.53	0.88	42.49



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/m³)	Salinidad (PSU)
MÍNIMO	14.72	46.03	0.0	5.72	86.5	0.77	37.95
PROF (metros)	6.274	6.049	0.753	0.812	9.622	9.632	0.924
MÁXIMO	16.36	16.36	1.6	9.89	1864.0	5.98	41.12
PROF (metros)	9.304	9.364	2.07	8.259	1.128	5.633	9.637

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	14.93	46.1	0.98	6.38	883.14	1.65	37.99
1 - 2m	14.99	46.21	0.61	6.44	619.16	1.8	38.03
2 - 3m	14.99	46.25	0.69	6.61	437.02	1.99	38.07
3 - 4m	14.98	46.27	0.74	6.77	335.24	2.57	38.1
4 - 5m	14.91	46.23	0.78	7.11	282.23	3.14	38.13
5 - 6m	14.8	46.11	0.8	8.2	222.01	3.87	38.12
6 - 7m	14.76	46.18	0.67	8.26	175.52	4.27	38.23
7 - 8m	15.17	47.57	0.54	8.3	139.81	3.77	39.12
8 - 9m	15.96	50.25	0.53	9.06	111.51	2.3	40.77
9 - 10m	16.35	51.06	0.55	7.02	92.72	1.04	41.11

OBSERVACIONES GENERALES

CLOROFILA elevada en la(s) columna(s) de agua 3 - 4m, 4 - 5m, 5 - 6m, 6 - 7m, 7 - 8m, 8 - 9m con los valores 2.57, 3.14, 3.87, 4.27, 3.77, 2.3 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)
0.711	14.94	46.1	1.14	6.52	1186.2	1.66	37.99
0.713	14.94	46.08	1.56	6.88	997.41	1.53	37.97
0.753	14.92	46.09	0.0	5.94	743.08	1.71	38.0
0.793	14.92	46.08	0.0	5.88	560.45	1.62	37.98
0.795	14.92	46.12	0.23	5.75	465.81	1.75	38.01
0.796	14.93	46.11	0.0	5.73	926.54	1.63	38.0
0.812	14.94	46.08	0.0	5.72	635.91	1.46	37.97
0.834	14.95	46.14	0.0	5.76	369.02	1.63	38.01
0.849	14.95	46.11	0.0	5.77	947.83	1.38	37.98
0.884	14.96	46.09	0.0	5.79	1174.2	1.38	37.96
0.924	14.96	46.1	0.0	5.81	366.04	1.59	37.95
0.953	14.97	46.12	0.0	5.83	290.04	1.49	37.97
0.956	14.97	46.13	0.0	5.89	219.67	1.81	37.99
0.964	14.97	46.14	0.0	5.93	233.86	1.69	37.99
0.996	14.98	46.12	0.0	5.98	215.49	1.66	37.96
1.054	14.98	46.12	0.0	6.41	465.92	1.53	37.96
1.081	14.97	46.13	0.0	6.71	734.01	1.63	37.98
1.109	14.98	46.16	0.0	6.75	256.46	1.51	38.0
1.128	14.98	46.2	0.3	6.82	1864.0	1.98	38.03
1.178	14.99	46.19	0.0	6.81	482.4	1.62	38.02
1.236	14.95	46.16	0.0	6.81	494.86	1.82	38.02
1.254	14.96	46.17	0.0	6.83	704.67	1.85	38.03
1.283	14.96	46.15	0.0	6.86	483.52	1.73	38.01
1.289	14.96	46.21	0.0	7.07	482.51	1.66	38.06
1.311	14.97	46.18	0.0	7.08	951.79	1.62	38.03
1.347	14.98	46.13	0.0	7.08	625.53	1.75	37.97
1.35	14.96	46.19	0.0	7.17	354.68	1.57	38.04
1.374	14.96	46.17	0.0	7.24	1371.1	1.85	38.03
1.411	14.96	46.18	0.0	7.3	978.18	1.74	38.03
1.438	14.96	46.19	0.0	7.21	504.82	1.63	38.04

1.477	14.97	46.16	0.0	7.12	430.51	1.75	38.01
1.501	14.97	46.17	0.0	6.77	436.64	1.56	38.02
1.513	14.97	46.18	0.15	6.7	651.73	1.56	38.02
1.515	14.98	46.2	0.0	6.53	837.88	1.74	38.04
1.541	14.98	46.17	0.0	6.52	357.9	1.73	38.01
1.574	14.97	46.19	0.0	6.47	547.86	1.74	38.03
1.575	14.97	46.2	0.0	6.48	464.52	1.75	38.05
1.603	14.97	46.19	0.0	6.51	623.36	1.82	38.03
1.646	14.96	46.2	0.0	6.64	1098.1	1.79	38.05
1.676	14.96	46.2	0.0	6.6	375.84	1.81	38.05
1.708	14.97	46.19	0.0	6.42	411.87	1.81	38.03
1.753	14.99	46.21	0.0	6.39	421.72	1.79	38.03
1.793	14.99	46.18	0.27	6.39	545.08	1.63	38.01
1.797	15.0	46.22	1.37	6.36	325.53	2.22	38.04
1.8	15.0	46.2	1.49	6.36	375.14	1.82	38.02
1.824	15.0	46.2	0.19	6.37	807.56	1.57	38.01
1.86	14.99	46.23	0.65	6.43	918.2	1.57	38.05
1.879	15.0	46.2	0.57	6.42	495.66	1.82	38.02
1.905	15.0	46.2	0.72	6.41	409.59	1.94	38.01
1.923	14.99	46.24	0.61	6.36	381.9	2.18	38.06
1.934	15.0	46.21	0.5	6.36	607.39	1.73	38.03
1.962	15.0	46.2	0.46	6.37	344.79	1.75	38.02
1.991	15.0	46.23	0.69	6.4	322.45	1.57	38.05
2.01	15.0	46.23	0.76	6.43	435.63	1.9	38.04
2.013	14.99	46.24	0.84	6.57	444.4	1.92	38.06
2.015	15.0	46.21	0.8	6.61	422.02	1.83	38.03
2.035	15.0	46.22	1.14	6.63	434.83	1.66	38.03
2.07	15.0	46.25	1.6	6.65	525.11	1.72	38.06
2.077	14.99	46.21	0.57	6.61	548.37	1.99	38.04
2.1	14.99	46.24	0.57	6.61	490.86	1.94	38.06
2.109	14.99	46.22	0.69	6.71	668.4	1.89	38.04
2.119	14.99	46.25	0.8	6.72	375.32	2.59	38.07
2.14	14.98	46.24	0.61	6.75	359.81	1.87	38.07
2.152	14.98	46.22	0.72	6.79	587.04	1.77	38.05
2.154	14.98	46.24	0.38	6.74	522.68	1.79	38.07
2.177	14.98	46.25	0.57	6.67	293.56	1.59	38.08
2.226	14.99	46.24	0.5	6.59	511.42	1.47	38.06
2.231	14.98	46.23	0.61	6.38	425.85	1.77	38.06
2.238	14.98	46.26	0.53	6.38	540.8	1.65	38.09
2.266	14.98	46.23	0.61	6.39	699.95	2.69	38.06
2.267	14.98	46.25	0.8	6.69	326.36	1.87	38.08
2.291	14.98	46.24	0.61	6.79	353.28	1.72	38.07
2.301	14.97	46.25	0.61	6.91	566.46	2.41	38.09
2.317	14.97	46.25	0.5	6.85	642.28	2.23	38.09
2.362	14.98	46.24	0.69	6.79	430.91	1.89	38.07
2.414	14.99	46.26	0.61	6.53	438.27	1.67	38.08
2.424	14.99	46.24	0.5	6.5	348.24	1.95	38.06
2.453	14.99	46.24	0.5	6.48	349.7	2.02	38.06
2.486	14.99	46.25	0.84	6.47	522.08	2.2	38.07
2.511	15.0	46.23	0.69	6.48	643.62	1.85	38.05
2.515	15.0	46.25	1.07	6.5	347.44	1.84	38.06
2.521	15.0	46.24	1.3	6.5	381.1	1.8	38.05
2.559	15.0	46.25	1.49	6.51	508.46	1.61	38.06
2.577	15.0	46.26	0.61	6.5	357.49	1.59	38.07
2.581	15.0	46.26	0.57	6.49	485.66	2.11	38.07
2.59	15.0	46.24	0.46	6.48	413.02	1.81	38.05
2.599	15.0	46.26	0.57	6.47	421.72	2.12	38.07
2.613	15.0	46.26	0.53	6.48	440.0	1.88	38.07

2.631	15.0	46.24	0.53	6.5	308.35	1.88	38.05
2.634	14.99	46.27	0.57	6.54	407.31	1.82	38.08
2.641	14.99	46.26	0.69	6.56	499.35	2.17	38.08
2.667	14.99	46.24	0.69	6.59	452.93	2.07	38.06
2.678	14.99	46.27	0.61	6.61	456.62	2.02	38.09
2.698	14.99	46.26	0.88	6.6	314.7	1.94	38.08
2.7	14.99	46.27	0.61	6.6	576.26	1.84	38.09
2.719	14.99	46.28	0.76	6.58	401.04	2.21	38.1
2.775	14.99	46.25	0.61	6.56	331.01	2.26	38.06
2.803	14.98	46.26	0.57	6.47	325.53	2.02	38.09
2.817	14.98	46.25	0.5	6.49	307.63	2.24	38.08
2.835	14.99	46.26	0.61	6.54	399.18	2.17	38.08
2.843	14.98	46.27	0.69	6.6	407.41	2.2	38.09
2.846	14.98	46.25	0.5	6.66	364.77	1.96	38.08
2.857	14.98	46.27	0.53	6.73	430.31	1.98	38.09
2.885	14.98	46.27	0.61	6.78	322.68	2.08	38.09
2.913	14.98	46.25	0.5	6.8	396.32	2.46	38.07
2.938	14.99	46.27	0.57	6.82	501.56	2.27	38.09
2.962	14.98	46.26	0.5	6.83	398.26	2.2	38.09
2.975	14.98	46.28	0.95	6.78	284.39	2.47	38.1
2.986	14.98	46.26	0.88	6.78	325.53	2.34	38.08
3.002	14.99	46.25	0.99	6.78	436.85	2.06	38.08
3.021	14.98	46.27	0.69	6.8	446.36	2.5	38.09
3.038	14.98	46.27	0.84	6.82	368.93	2.72	38.09
3.052	14.98	46.26	0.92	6.87	303.95	2.53	38.09
3.07	14.98	46.26	1.3	7.0	339.16	1.85	38.09
3.091	14.98	46.27	1.3	7.06	351.9	2.02	38.09
3.124	14.99	46.27	1.34	7.1	330.24	1.81	38.09
3.156	14.99	46.26	1.11	7.13	353.28	2.03	38.08
3.164	14.99	46.27	0.57	7.08	380.66	2.19	38.09
3.177	14.99	46.28	0.76	7.01	355.42	2.04	38.1
3.216	14.99	46.26	0.8	6.95	314.92	2.27	38.08
3.244	14.98	46.28	0.61	6.82	377.58	2.35	38.1
3.268	14.98	46.27	0.65	6.86	365.11	3.22	38.09
3.304	14.98	46.26	0.61	6.92	313.39	2.36	38.09
3.319	14.98	46.27	0.61	6.99	417.44	2.3	38.09
3.321	14.98	46.28	0.53	7.0	328.72	2.01	38.1
3.344	14.98	46.27	0.61	6.98	365.78	2.05	38.1
3.376	14.98	46.26	0.69	6.96	406.46	2.22	38.08
3.381	14.98	46.27	0.61	6.88	431.21	2.35	38.1
3.398	14.98	46.27	0.61	6.87	299.4	2.72	38.1
3.425	14.98	46.27	0.65	6.86	331.16	2.67	38.1
3.457	14.98	46.27	0.65	6.83	367.14	2.7	38.09
3.483	14.98	46.28	0.65	6.66	293.15	3.17	38.1
3.488	14.98	46.27	0.72	6.61	290.38	2.53	38.1
3.51	14.99	46.27	0.65	6.57	355.17	3.17	38.09
3.547	14.99	46.28	0.95	6.54	341.85	2.8	38.1
3.59	14.99	46.28	0.76	6.51	331.93	2.4	38.1
3.628	14.99	46.27	0.65	6.49	293.42	2.46	38.09
3.643	14.99	46.27	0.57	6.47	313.32	2.12	38.09
3.646	14.99	46.28	0.57	6.45	329.33	2.27	38.1
3.659	14.98	46.28	0.57	6.42	308.99	2.85	38.1
3.677	14.98	46.27	0.57	6.38	265.96	3.08	38.09
3.694	14.98	46.28	0.46	6.35	303.31	2.74	38.1
3.71	14.98	46.28	0.57	6.34	367.57	3.13	38.11
3.723	14.98	46.27	0.53	6.36	352.38	2.75	38.1
3.731	14.98	46.27	0.5	6.4	318.52	2.42	38.1
3.732	14.98	46.28	0.61	6.46	354.51	2.44	38.1

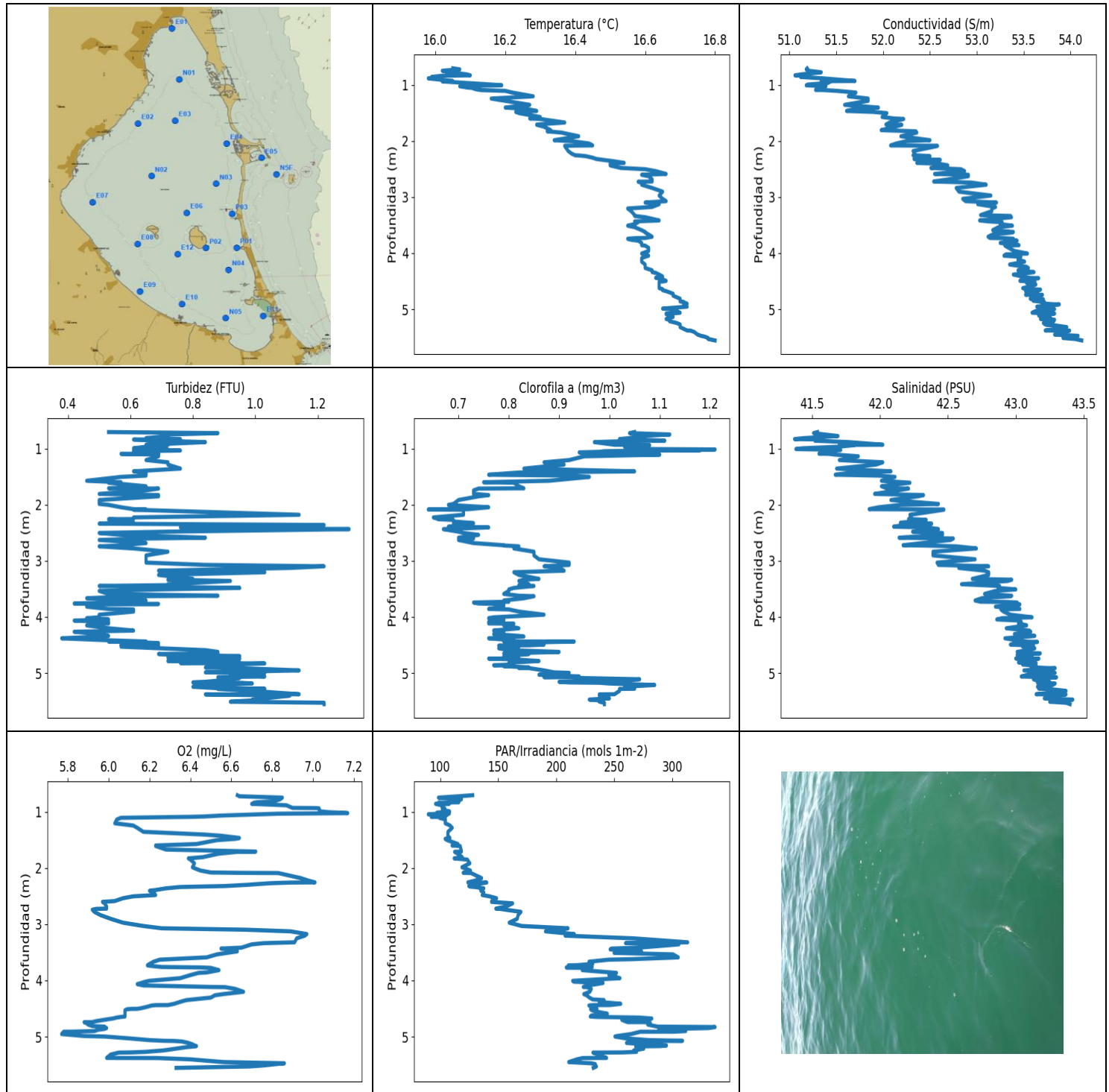
3.734	14.98	46.28	0.61	6.53	364.01	2.36	38.11
3.757	14.98	46.28	0.76	6.59	309.49	2.41	38.11
3.798	14.98	46.27	0.69	6.64	272.26	2.6	38.09
3.809	14.98	46.27	0.57	6.81	303.45	2.59	38.1
3.811	14.98	46.28	0.76	6.98	351.9	2.49	38.11
3.82	14.98	46.28	0.72	7.04	347.68	2.46	38.11
3.842	14.98	46.27	0.57	7.06	331.01	3.4	38.11
3.86	14.97	46.27	0.72	7.07	285.51	3.37	38.1
3.867	14.97	46.28	1.03	7.05	284.65	2.01	38.11
3.869	14.97	46.28	0.88	7.01	316.45	2.11	38.11
3.877	14.97	46.27	0.99	6.98	332.01	3.09	38.11
3.895	14.97	46.28	1.22	6.97	291.59	2.59	38.12
3.905	14.97	46.28	0.65	6.99	303.95	3.06	38.12
3.913	14.97	46.28	1.14	6.68	319.99	2.79	38.12
3.922	14.97	46.28	0.76	6.63	318.66	2.37	38.12
3.958	14.97	46.28	0.69	6.6	290.51	2.91	38.11
3.993	14.97	46.27	0.5	6.59	297.88	4.62	38.11
3.999	14.97	46.28	0.76	6.6	312.3	2.83	38.12
4.01	14.97	46.27	0.84	6.62	279.87	3.2	38.11
4.033	14.97	46.27	0.92	6.63	266.39	3.25	38.12
4.109	14.96	46.27	1.56	6.63	307.49	3.45	38.11
4.113	14.96	46.28	1.18	6.61	310.86	2.85	38.12
4.12	14.96	46.28	0.8	6.6	297.33	3.78	38.12
4.13	14.96	46.27	1.56	6.57	284.39	2.89	38.12
4.137	14.96	46.27	1.45	6.54	261.68	2.68	38.12
4.143	14.96	46.28	1.22	6.52	262.23	2.27	38.12
4.166	14.96	46.28	1.22	6.51	304.02	2.52	38.12
4.199	14.95	46.27	0.53	6.64	314.85	2.42	38.13
4.233	14.94	46.27	0.57	6.72	336.19	2.97	38.14
4.256	14.93	46.27	0.57	7.15	285.64	2.71	38.14
4.257	14.93	46.26	0.57	7.29	331.7	5.26	38.14
4.276	14.92	46.27	0.57	7.43	319.4	3.11	38.15
4.296	14.92	46.27	0.57	7.51	320.51	3.57	38.15
4.306	14.92	46.27	0.5	7.55	317.04	2.97	38.15
4.31	14.92	46.26	0.76	7.52	293.08	2.6	38.15
4.333	14.92	46.26	0.92	7.44	301.35	3.09	38.15
4.381	14.91	46.26	0.92	7.33	306.21	3.23	38.15
4.437	14.91	46.25	0.69	7.21	299.05	3.33	38.15
4.454	14.91	46.23	0.61	6.91	291.12	3.75	38.13
4.467	14.9	46.24	0.61	6.84	279.55	2.74	38.14
4.488	14.9	46.24	0.61	6.8	285.51	2.83	38.15
4.498	14.9	46.23	0.57	6.81	283.27	2.59	38.14
4.499	14.9	46.23	0.53	6.85	295.75	2.88	38.14
4.516	14.89	46.22	0.53	6.92	305.36	2.7	38.13
4.555	14.89	46.22	0.92	7.01	277.1	2.99	38.14
4.595	14.89	46.21	0.8	7.11	241.07	4.54	38.13
4.604	14.89	46.21	0.65	7.36	278.84	3.57	38.13
4.62	14.89	46.2	0.69	7.39	249.08	2.88	38.13
4.655	14.89	46.2	0.88	7.39	249.36	2.91	38.13
4.689	14.88	46.2	0.72	7.39	273.72	3.22	38.13
4.704	14.88	46.2	0.76	7.35	285.18	4.56	38.13
4.705	14.88	46.2	0.5	7.33	256.1	3.58	38.13
4.708	14.88	46.2	0.8	7.3	245.86	2.72	38.13
4.731	14.88	46.19	0.65	7.28	264.98	3.03	38.13
4.769	14.88	46.19	0.76	7.28	291.19	3.4	38.13
4.796	14.88	46.19	0.65	7.29	270.44	2.44	38.13
4.807	14.88	46.19	0.5	7.3	250.35	3.32	38.13
4.819	14.88	46.19	0.57	7.3	242.13	3.69	38.12

4.842	14.88	46.19	0.65	7.29	253.97	2.95	38.13
4.858	14.88	46.19	0.53	7.28	299.26	2.75	38.12
4.861	14.88	46.19	0.53	7.26	286.44	2.79	38.12
4.864	14.88	46.19	0.8	7.25	247.06	3.72	38.12
4.883	14.88	46.19	0.69	7.24	243.59	3.48	38.12
4.919	14.88	46.19	1.18	7.24	255.33	2.81	38.12
4.95	14.86	46.17	0.76	7.71	272.13	2.98	38.12
4.966	14.86	46.17	0.88	7.77	273.91	2.88	38.12
5.004	14.86	46.17	0.88	7.82	236.91	2.97	38.12
5.052	14.86	46.17	1.07	7.88	212.81	3.32	38.12
5.085	14.86	46.17	0.76	7.94	220.64	3.61	38.12
5.101	14.86	46.16	0.65	8.01	242.75	2.87	38.12
5.115	14.85	46.16	0.84	8.06	258.79	3.72	38.12
5.127	14.85	46.15	0.57	8.12	242.36	3.15	38.11
5.128	14.84	46.15	0.65	8.1	235.82	3.32	38.12
5.147	14.84	46.15	0.53	8.09	235.6	3.6	38.12
5.179	14.84	46.15	0.95	8.07	234.02	4.26	38.12
5.209	14.84	46.15	1.14	8.06	230.84	3.37	38.12
5.227	14.84	46.14	0.84	8.06	232.24	3.54	38.12
5.251	14.83	46.14	0.84	8.08	240.73	3.63	38.12
5.288	14.83	46.13	1.14	8.09	242.86	3.52	38.12
5.311	14.82	46.13	0.65	8.15	248.5	2.78	38.12
5.317	14.82	46.13	0.69	8.14	239.84	3.36	38.12
5.343	14.82	46.13	0.57	8.14	225.19	3.14	38.12
5.386	14.82	46.13	0.76	8.14	221.97	3.15	38.12
5.423	14.82	46.12	0.65	8.14	233.86	3.68	38.12
5.437	14.82	46.12	0.72	8.15	241.91	4.18	38.12
5.441	14.81	46.11	0.61	8.15	230.79	4.81	38.12
5.457	14.81	46.11	0.65	8.15	216.44	4.57	38.12
5.487	14.81	46.11	0.8	8.14	217.54	3.05	38.12
5.513	14.81	46.11	0.92	8.11	227.23	4.62	38.12
5.516	14.8	46.1	0.57	8.04	224.77	3.4	38.12
5.524	14.8	46.1	0.8	8.08	212.31	3.64	38.12
5.555	14.8	46.1	0.53	8.14	210.26	4.04	38.12
5.588	14.8	46.1	0.76	8.21	223.47	3.91	38.12
5.599	14.8	46.1	0.65	8.27	235.71	2.91	38.12
5.601	14.79	46.09	0.76	8.33	221.92	4.25	38.12
5.607	14.79	46.09	0.57	8.36	211.09	5.42	38.12
5.621	14.79	46.09	0.57	8.37	208.51	4.74	38.12
5.633	14.79	46.09	0.61	8.36	210.99	5.98	38.12
5.643	14.79	46.09	0.65	8.33	217.69	4.26	38.12
5.644	14.79	46.09	0.46	8.31	223.89	3.53	38.12
5.647	14.79	46.09	0.5	8.29	220.39	3.04	38.12
5.658	14.78	46.09	0.69	8.26	215.49	3.95	38.12
5.672	14.78	46.09	0.99	8.25	215.84	4.2	38.12
5.692	14.78	46.09	1.22	8.24	215.89	5.46	38.12
5.718	14.78	46.08	1.07	8.24	210.99	4.47	38.12
5.739	14.77	46.08	1.03	8.29	219.42	4.08	38.12
5.742	14.77	46.08	1.18	8.3	220.85	5.05	38.12
5.748	14.77	46.08	0.88	8.31	224.15	5.14	38.12
5.754	14.77	46.08	1.03	8.33	227.13	4.88	38.12
5.76	14.77	46.07	1.37	8.35	225.92	3.92	38.12
5.77	14.77	46.07	1.3	8.35	213.3	3.66	38.12
5.785	14.77	46.07	1.14	8.35	206.39	3.59	38.12
5.81	14.77	46.07	0.8	8.36	205.44	3.76	38.12
5.845	14.77	46.07	1.14	8.37	212.9	3.44	38.12
5.882	14.77	46.07	0.65	8.38	214.24	3.17	38.12
5.907	14.77	46.06	0.53	8.38	204.25	3.51	38.11

5.914	14.76	46.06	0.65	8.38	196.54	3.49	38.11
5.922	14.76	46.06	0.65	8.37	195.05	4.31	38.11
5.924	14.75	46.05	0.57	8.33	187.38	3.88	38.12
5.954	14.75	46.05	0.72	8.31	186.56	3.86	38.12
6.0	14.75	46.05	0.53	8.3	188.82	3.59	38.11
6.032	14.75	46.04	0.57	8.31	191.73	3.46	38.11
6.038	14.74	46.04	0.57	8.32	187.16	3.11	38.12
6.04	14.73	46.04	0.53	8.32	190.58	3.74	38.12
6.048	14.73	46.04	0.72	8.33	195.32	4.41	38.12
6.049	14.73	46.03	0.5	8.35	194.68	3.34	38.12
6.056	14.73	46.03	0.5	8.36	191.77	4.15	38.12
6.083	14.73	46.04	0.61	8.36	193.51	4.17	38.12
6.117	14.73	46.03	0.61	8.36	198.97	4.52	38.12
6.154	14.73	46.03	0.76	8.35	198.37	4.2	38.12
6.194	14.73	46.03	0.57	8.35	191.73	4.08	38.12
6.227	14.73	46.03	0.61	8.35	183.3	4.2	38.12
6.249	14.73	46.03	0.61	8.35	181.78	4.11	38.12
6.263	14.73	46.03	0.57	8.37	185.91	3.88	38.12
6.274	14.72	46.03	1.03	8.39	190.22	4.26	38.13
6.286	14.72	46.04	1.22	8.4	189.7	4.17	38.13
6.321	14.72	46.04	1.11	8.41	187.21	5.94	38.13
6.346	14.72	46.04	0.69	8.39	186.51	5.01	38.13
6.364	14.72	46.05	0.61	8.36	180.47	3.9	38.14
6.378	14.73	46.06	0.57	8.34	179.68	4.07	38.15
6.391	14.73	46.06	0.5	8.31	180.52	4.25	38.15
6.405	14.73	46.06	0.61	8.29	179.97	4.01	38.15
6.419	14.73	46.07	0.61	8.28	175.16	4.27	38.16
6.439	14.73	46.07	0.61	8.26	169.33	4.35	38.16
6.462	14.73	46.08	1.11	8.25	171.3	3.98	38.17
6.477	14.73	46.1	0.84	8.24	175.56	3.81	38.18
6.485	14.73	46.11	0.8	8.22	179.1	4.23	38.19
6.494	14.74	46.12	0.88	8.2	177.28	3.62	38.2
6.505	14.74	46.12	0.69	8.17	174.19	4.85	38.2
6.518	14.74	46.13	0.92	8.15	171.42	4.55	38.2
6.528	14.74	46.13	0.8	8.14	173.58	4.18	38.2
6.546	14.74	46.15	0.65	8.15	170.51	5.73	38.21
6.576	14.75	46.17	0.5	8.16	165.91	4.55	38.23
6.597	14.77	46.21	0.46	8.18	171.78	4.41	38.24
6.602	14.77	46.2	0.69	8.17	171.07	4.24	38.24
6.623	14.77	46.2	0.53	8.17	171.07	4.64	38.25
6.658	14.76	46.22	0.69	8.18	166.49	5.1	38.27
6.691	14.77	46.29	0.57	8.19	167.11	3.92	38.32
6.726	14.78	46.31	0.57	8.2	166.53	4.67	38.34
6.761	14.79	46.34	0.57	8.22	166.1	4.33	38.35
6.782	14.79	46.35	0.46	8.22	166.6	5.37	38.35
6.794	14.8	46.35	0.57	8.23	162.19	5.44	38.35
6.808	14.8	46.35	0.69	8.23	158.98	4.36	38.35
6.821	14.8	46.38	0.76	8.22	156.93	3.63	38.37
6.836	14.81	46.4	0.69	8.21	156.9	3.76	38.39
6.849	14.81	46.42	0.72	8.19	159.21	3.37	38.4
6.859	14.82	46.46	0.57	8.18	158.54	4.55	38.44
6.875	14.82	46.47	0.84	8.17	156.9	4.1	38.43
6.903	14.83	46.48	0.69	8.15	153.73	5.44	38.44
6.937	14.83	46.53	0.69	8.14	153.77	4.47	38.48
6.97	14.84	46.6	0.5	8.12	155.85	3.61	38.54
6.999	14.85	46.62	0.5	8.12	156.21	4.01	38.54
7.022	14.86	46.63	0.57	8.12	153.45	3.97	38.54
7.042	14.87	46.63	0.57	8.12	150.07	4.57	38.54

7.051	14.87	46.63	0.46	8.12	147.62	4.2	38.54
7.065	14.87	46.64	0.69	8.13	149.93	4.5	38.54
7.086	14.88	46.63	0.53	8.14	153.62	5.05	38.54
7.114	14.88	46.63	0.53	8.16	157.23	4.33	38.53
7.151	14.88	46.64	0.69	8.17	154.05	4.35	38.55
7.192	14.88	46.68	0.61	8.17	149.06	4.2	38.58
7.247	14.88	46.7	0.46	8.18	145.58	4.05	38.59
7.301	14.89	46.88	0.57	8.18	146.12	3.27	38.75
7.342	14.93	46.94	0.57	8.18	149.65	3.59	38.77
7.37	14.95	46.98	0.53	8.17	150.17	3.54	38.78
7.393	14.98	47.07	0.42	8.18	145.51	3.2	38.84
7.42	15.0	47.12	0.65	8.19	140.41	3.34	38.86
7.451	15.02	47.2	0.53	8.21	138.06	3.17	38.92
7.484	15.04	47.25	0.42	8.25	139.83	3.49	38.94
7.518	15.07	47.34	0.53	8.3	141.13	3.07	39.0
7.555	15.1	47.43	0.53	8.35	139.76	4.59	39.05
7.594	15.14	47.55	0.53	8.4	136.65	4.21	39.12
7.63	15.19	47.71	0.57	8.45	134.86	3.72	39.23
7.654	15.24	47.79	0.5	8.49	135.36	3.81	39.24
7.673	15.3	47.93	0.57	8.52	135.33	4.42	39.31
7.702	15.37	47.98	0.69	8.55	133.21	4.28	39.29
7.746	15.42	48.33	0.53	8.54	131.19	3.72	39.56
7.788	15.5	48.64	0.46	8.52	130.13	3.29	39.76
7.825	15.59	48.72	0.57	8.51	129.35	4.57	39.75
7.855	15.64	48.81	0.53	8.5	128.75	3.73	39.78
7.885	15.67	48.82	0.5	8.48	127.65	2.98	39.76
7.917	15.67	48.94	0.34	8.43	126.53	2.69	39.86
7.951	15.62	48.98	0.46	8.37	125.51	3.3	39.95
7.978	15.57	49.02	0.61	8.29	124.67	2.94	40.05
7.993	15.53	49.14	0.57	8.18	123.38	2.54	40.2
8.007	15.52	49.19	0.53	8.08	121.9	3.59	40.25
8.03	15.52	49.26	0.61	8.01	120.52	2.95	40.31
8.058	15.53	49.43	0.57	8.01	119.6	3.69	40.46
8.09	15.58	49.71	0.69	8.12	118.56	3.58	40.67
8.122	15.66	49.83	0.5	8.32	117.3	3.74	40.69
8.156	15.73	49.88	0.69	8.61	115.97	2.85	40.67
8.19	15.79	49.93	0.61	8.92	115.3	3.32	40.66
8.21	15.82	49.96	0.53	9.24	115.33	2.99	40.65
8.221	15.85	49.95	0.38	9.51	115.84	2.41	40.61
8.229	15.86	49.94	0.5	9.71	116.19	3.06	40.59
8.241	15.86	49.94	0.53	9.83	116.13	2.59	40.59
8.259	15.86	49.96	0.53	9.89	115.62	2.61	40.61
8.28	15.87	50.0	0.5	9.88	114.4	2.4	40.64
8.309	15.88	50.03	0.57	9.83	113.26	2.62	40.65
8.349	15.89	50.03	0.57	9.77	113.45	3.64	40.65
8.391	15.89	50.05	0.61	9.69	114.8	4.44	40.65
8.427	15.9	50.08	0.61	9.62	115.7	2.85	40.68
8.456	15.91	50.13	0.46	9.54	114.24	1.59	40.71
8.479	15.93	50.16	0.5	9.46	111.67	2.27	40.72
8.502	15.95	50.18	0.5	9.41	110.08	2.65	40.72
8.534	15.96	50.2	0.34	9.38	108.81	2.44	40.72
8.576	15.97	50.25	0.72	9.38	109.29	1.89	40.75
8.62	15.99	50.36	0.53	9.37	110.36	2.6	40.84
8.656	16.03	50.47	0.5	9.37	110.57	1.59	40.9
8.682	16.06	50.54	0.5	9.35	110.13	1.59	40.93
8.707	16.1	50.64	0.5	9.32	108.71	1.4	40.98
8.743	16.14	50.72	0.46	9.29	107.51	1.16	41.01
8.789	16.18	50.84	0.5	9.23	106.34	1.13	41.08

8.82	16.22	50.87	0.53	9.15	105.39	1.21	41.06
8.834	16.25	50.86	0.46	9.04	104.97	1.14	41.02
8.858	16.27	50.87	0.46	8.89	103.84	1.08	41.02
8.901	16.27	50.89	0.61	8.69	103.4	1.67	41.03
8.94	16.28	50.95	0.57	8.45	103.5	1.08	41.08
8.961	16.3	50.96	0.42	8.18	102.9	1.05	41.07
8.972	16.31	50.97	0.5	7.92	101.67	1.02	41.07
8.983	16.31	50.98	0.53	7.67	100.99	1.01	41.07
9.006	16.32	50.97	0.65	7.47	100.1	1.02	41.05
9.037	16.32	50.97	0.65	7.31	100.05	1.09	41.06
9.058	16.32	51.0	0.5	7.17	100.17	1.11	41.09
9.062	16.32	51.02	0.57	7.08	100.66	1.11	41.1
9.067	16.33	51.03	0.65	7.01	100.08	1.14	41.1
9.083	16.34	51.02	0.53	6.97	99.38	1.1	41.09
9.102	16.34	51.03	0.53	6.95	98.56	1.62	41.09
9.119	16.34	51.04	0.53	6.93	98.22	1.29	41.1
9.138	16.34	51.05	0.46	6.92	97.67	2.18	41.1
9.169	16.35	51.06	0.46	6.92	98.19	1.6	41.11
9.204	16.35	51.07	0.46	6.91	98.24	1.86	41.11
9.229	16.35	51.06	0.57	6.92	98.31	1.12	41.11
9.242	16.35	51.07	0.72	6.93	97.47	0.99	41.11
9.253	16.35	51.07	0.5	6.93	97.02	1.0	41.11
9.277	16.35	51.07	0.5	6.94	96.37	1.06	41.11
9.304	16.36	51.07	0.53	6.94	96.26	1.13	41.11
9.331	16.36	51.07	0.53	6.95	95.88	1.02	41.11
9.364	16.36	51.08	0.38	6.95	94.58	0.99	41.11
9.404	16.36	51.08	0.42	6.95	93.51	1.08	41.11
9.447	16.36	51.08	0.72	6.95	93.31	1.15	41.11
9.482	16.36	51.08	0.65	6.96	94.03	1.02	41.11
9.501	16.36	51.08	0.5	6.97	94.01	0.85	41.11
9.512	16.36	51.08	0.65	6.98	93.31	0.85	41.11
9.534	16.36	51.08	0.57	6.99	92.49	1.2	41.11
9.555	16.36	51.08	0.61	7.0	90.65	1.0	41.11
9.567	16.36	51.08	0.42	7.01	88.84	0.82	41.11
9.572	16.36	51.08	0.53	7.02	87.65	1.11	41.11
9.582	16.36	51.08	0.61	7.03	86.96	0.9	41.11
9.603	16.36	51.08	0.53	7.02	86.8	0.82	41.11
9.622	16.35	51.07	0.61	7.03	86.5	0.81	41.11
9.627	16.35	51.07	0.5	7.04	86.96	0.87	41.11
9.632	16.35	51.07	0.5	7.04	87.04	0.77	41.11
9.637	16.35	51.08	0.46	7.04	87.12	0.85	41.12
9.638	16.35	51.08	0.53	7.05	87.12	0.91	41.12
9.643	16.36	51.08	0.61	7.06	86.7	0.78	41.12
9.647	16.36	51.08	0.72	7.07	86.8	0.89	41.12
9.649	16.36	51.08	0.46	7.08	87.75	0.97	41.11
9.65	16.36	51.08	0.5	7.07	89.15	0.81	41.11
9.651	16.36	51.08	0.57	7.06	89.87	0.87	41.12
9.652	16.36	51.08	0.57	7.05	89.54	0.79	41.12
9.653	16.36	51.08	0.53	7.04	89.54	0.82	41.12
9.654	16.35	51.07	0.57	7.02	86.86	0.77	41.12
9.655	16.35	51.08	0.5	7.02	87.06	0.8	41.12
9.658	16.35	51.07	0.46	7.03	87.45	0.85	41.12
9.66	16.35	51.07	0.69	7.03	88.02	0.82	41.12



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	15.98	51.06	0.38	5.77	89.67	0.64	41.37
PROF (metros)	0.885	0.831	4.381	4.953	1.047	2.086	0.831
MÁXIMO	16.8	16.8	1.3	7.17	336.89	1.21	43.42
PROF (metros)	5.555	5.555	2.436	1.025	4.829	1.016	5.473

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	16.05	51.27	0.69	6.83	107.61	1.05	41.62
1 - 2m	16.23	51.77	0.63	6.49	108.13	0.91	41.88
2 - 3m	16.52	52.58	0.67	6.33	140.34	0.73	42.32
3 - 4m	16.59	53.23	0.68	6.51	241.72	0.82	42.83
4 - 5m	16.65	53.58	0.71	6.13	253.23	0.81	43.08
5 - 6m	16.71	53.82	0.96	6.36	256.26	0.98	43.24

OBSERVACIONES GENERALES

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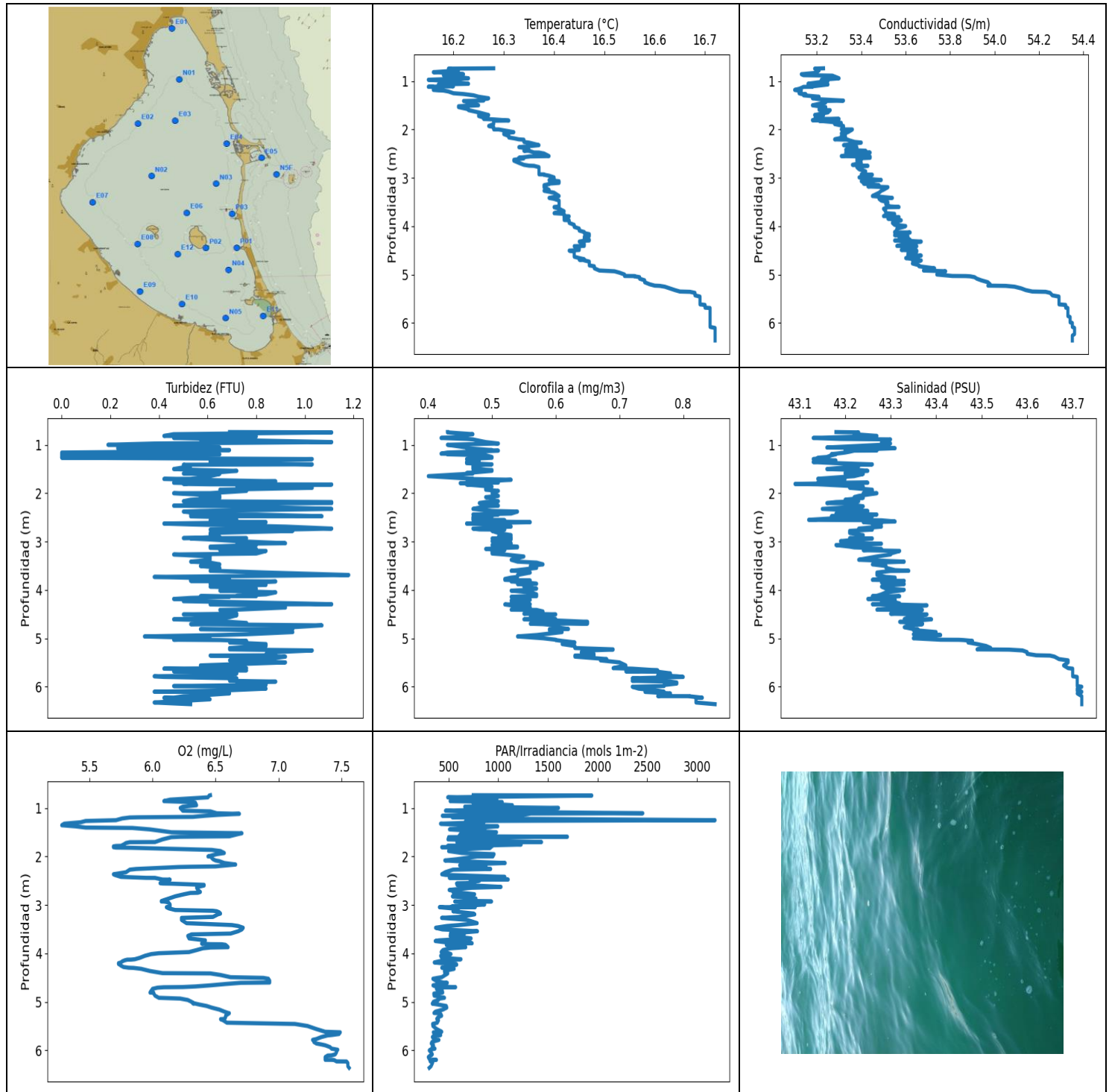
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	16.05	51.19	0.53	6.63	127.95	1.05	41.54
0.725	16.07	51.18	0.88	6.64	116.16	1.04	41.51
0.749	16.02	51.2	0.72	6.85	98.4	1.12	41.59
0.777	16.04	51.34	0.72	6.84	118.25	1.06	41.69
0.814	16.09	51.13	0.65	6.81	114.64	1.04	41.44
0.831	16.1	51.06	0.76	6.73	115.97	1.02	41.37
0.839	16.02	51.19	0.61	6.71	98.42	1.05	41.57
0.859	15.99	51.16	0.69	6.71	107.83	1.11	41.57
0.86	16.01	51.12	0.69	6.7	95.94	1.06	41.52
0.885	15.98	51.36	0.84	6.87	101.22	0.97	41.77
0.932	16.05	51.7	0.65	6.9	101.64	1.01	42.02
0.935	16.04	51.34	0.72	7.01	103.67	1.07	41.7
0.939	16.02	51.44	0.69	7.03	103.88	1.08	41.81
0.968	16.09	51.41	0.65	7.03	102.14	1.03	41.69
0.995	16.16	51.2	0.61	7.04	108.06	1.04	41.43
1.009	16.19	51.18	0.65	7.08	100.54	1.08	41.38
1.016	16.13	51.28	0.72	7.13	97.13	1.21	41.54
1.025	16.07	51.39	0.61	7.17	105.39	1.14	41.71
1.033	16.08	51.35	0.69	6.93	107.78	1.18	41.66
1.035	16.08	51.38	0.76	6.83	98.38	1.07	41.68
1.047	16.09	51.38	0.61	6.73	89.67	0.99	41.67
1.058	16.11	51.29	0.69	6.64	105.93	0.98	41.58
1.068	16.11	51.3	0.61	6.55	104.75	0.94	41.58
1.084	16.12	51.38	0.65	6.47	100.89	0.99	41.64
1.091	16.13	51.28	0.69	6.4	92.22	1.09	41.55
1.094	16.13	51.37	0.57	6.33	104.37	1.01	41.62
1.108	16.2	51.51	0.69	6.06	99.38	1.1	41.67
1.138	16.22	51.71	0.69	6.04	104.41	0.95	41.84
1.205	16.28	51.63	0.65	6.03	104.22	0.92	41.7
1.245	16.16	51.84	0.72	6.12	108.46	0.87	42.02
1.286	16.2	51.84	0.72	6.14	110.31	0.91	41.97
1.357	16.27	51.59	0.76	6.17	106.62	0.83	41.68
1.406	16.2	51.95	0.61	6.47	106.54	1.05	42.08
1.427	16.26	51.71	0.65	6.55	106.52	0.82	41.8
1.466	16.29	51.61	0.65	6.64	108.31	0.76	41.67
1.482	16.23	51.89	0.65	6.62	104.17	0.92	41.99

1.505	16.24	52.04	0.57	6.53	105.97	0.96	42.11
1.574	16.3	51.99	0.46	6.43	115.25	0.88	42.01
1.6	16.27	52.12	0.57	6.23	110.16	0.75	42.16
1.609	16.3	52.22	0.53	6.23	117.13	0.81	42.22
1.672	16.37	52.07	0.65	6.28	117.82	0.82	42.01
1.708	16.29	52.03	0.53	6.72	118.25	0.83	42.05
1.713	16.29	52.2	0.69	6.63	112.32	0.74	42.21
1.745	16.31	52.13	0.65	6.54	115.09	0.73	42.13
1.808	16.33	51.98	0.5	6.46	118.91	0.73	41.96
1.829	16.32	52.35	0.69	6.39	111.96	0.76	42.32
1.851	16.36	52.36	0.69	6.4	123.29	0.74	42.28
1.917	16.41	52.19	0.5	6.42	125.48	0.7	42.08
1.987	16.34	52.5	0.5	6.41	118.67	0.69	42.43
2.004	16.39	52.25	0.53	6.42	121.05	0.68	42.15
2.046	16.44	52.14	0.57	6.45	126.01	0.76	41.99
2.08	16.45	52.08	0.61	6.5	125.13	0.72	41.92
2.086	16.37	52.58	0.65	6.63	119.74	0.64	42.47
2.09	16.37	52.58	0.61	6.83	126.45	0.71	42.47
2.18	16.38	52.32	1.14	6.94	135.61	0.71	42.22
2.227	16.39	52.34	0.61	6.98	129.65	0.65	42.23
2.256	16.4	52.32	0.61	7.01	123.81	0.66	42.21
2.259	16.41	52.38	0.53	6.89	140.05	0.66	42.25
2.271	16.43	52.5	0.57	6.79	136.12	0.69	42.34
2.299	16.45	52.42	0.57	6.68	129.53	0.69	42.25
2.321	16.46	52.33	0.61	6.57	124.61	0.72	42.15
2.33	16.47	52.49	0.53	6.46	125.42	0.73	42.29
2.338	16.48	52.61	0.5	6.35	129.77	0.69	42.38
2.362	16.51	52.42	1.22	6.28	137.54	0.72	42.18
2.392	16.54	52.36	0.88	6.23	134.8	0.68	42.1
2.405	16.5	52.59	0.76	6.2	135.05	0.76	42.35
2.436	16.5	52.69	1.3	6.22	137.54	0.67	42.43
2.481	16.53	52.51	0.72	6.23	136.15	0.7	42.24
2.504	16.6	52.83	0.5	6.12	142.34	0.71	42.46
2.538	16.63	52.87	0.57	6.07	148.51	0.74	42.46
2.588	16.66	52.55	0.84	6.03	144.34	0.7	42.14
2.603	16.59	52.91	0.65	5.97	144.2	0.73	42.54
2.629	16.61	52.91	0.5	5.98	162.37	0.7	42.52
2.684	16.62	52.7	0.65	5.99	156.9	0.73	42.31
2.723	16.62	52.54	0.57	5.99	147.89	0.79	42.17
2.727	16.58	52.64	0.57	5.94	151.75	0.79	42.31
2.742	16.59	52.94	0.5	5.92	156.17	0.82	42.56
2.78	16.59	53.1	0.61	5.93	169.53	0.81	42.71
2.838	16.62	52.78	0.72	5.96	167.07	0.85	42.39
2.904	16.65	52.81	0.65	6.01	166.33	0.85	42.39
2.973	16.64	53.15	0.65	6.07	159.43	0.86	42.7
3.032	16.65	52.85	0.65	6.17	170.16	0.92	42.42
3.073	16.66	52.88	0.84	6.26	210.11	0.92	42.43
3.098	16.6	53.21	1.22	6.67	204.39	0.87	42.8
3.127	16.64	53.01	1.11	6.89	190.71	0.9	42.58
3.176	16.62	53.2	0.69	6.97	215.54	0.91	42.77
3.204	16.55	53.16	1.03	6.96	207.64	0.81	42.8
3.252	16.56	53.16	0.69	6.92	266.7	0.82	42.8
3.322	16.57	53.04	0.8	6.91	313.24	0.86	42.68
3.337	16.57	53.36	0.72	6.76	259.69	0.83	42.97
3.359	16.6	53.37	0.92	6.7	305.64	0.82	42.94
3.417	16.64	53.03	0.72	6.65	271.38	0.84	42.6
3.434	16.57	53.13	0.72	6.55	247.58	0.82	42.76
3.448	16.58	53.27	0.5	6.59	246.43	0.85	42.88

3.483	16.57	53.25	0.95	6.63	273.46	0.81	42.87
3.51	16.55	53.38	0.69	6.58	249.83	0.8	43.0
3.537	16.57	53.23	0.5	6.53	300.58	0.8	42.85
3.59	16.59	53.17	0.53	6.48	305.15	0.79	42.77
3.622	16.6	53.39	0.88	6.3	265.28	0.82	42.97
3.631	16.6	53.38	0.61	6.25	245.18	0.85	42.96
3.667	16.61	53.17	0.46	6.22	228.18	0.83	42.75
3.707	16.62	53.12	0.65	6.2	231.43	0.79	42.7
3.729	16.6	53.14	0.57	6.19	217.69	0.8	42.74
3.733	16.57	53.3	0.53	6.19	210.35	0.78	42.92
3.743	16.55	53.39	0.53	6.21	210.7	0.73	43.01
3.761	16.56	53.3	0.42	6.26	230.95	0.74	42.92
3.769	16.57	53.4	0.69	6.45	208.61	0.78	43.0
3.777	16.58	53.43	0.46	6.5	227.07	0.79	43.03
3.817	16.59	53.25	0.46	6.54	222.34	0.79	42.85
3.858	16.59	53.45	0.53	6.48	246.89	0.76	43.03
3.866	16.6	53.3	0.61	6.44	251.92	0.8	42.89
3.905	16.61	53.34	0.61	6.4	245.35	0.82	42.91
3.96	16.61	53.4	0.5	6.35	254.92	0.87	42.96
4.007	16.59	53.54	0.5	6.2	214.14	0.77	43.12
4.022	16.6	53.31	0.46	6.18	214.99	0.76	42.9
4.045	16.61	53.29	0.53	6.16	240.29	0.79	42.86
4.065	16.6	53.47	0.42	6.14	234.94	0.79	43.03
4.089	16.59	53.46	0.53	6.17	227.13	0.76	43.04
4.116	16.59	53.44	0.53	6.5	223.26	0.76	43.02
4.119	16.59	53.45	0.5	6.57	226.39	0.81	43.03
4.151	16.59	53.51	0.46	6.62	230.15	0.79	43.08
4.202	16.6	53.35	0.53	6.66	228.87	0.82	42.93
4.243	16.6	53.53	0.61	6.56	223.73	0.77	43.1
4.264	16.6	53.55	0.42	6.52	226.13	0.79	43.11
4.305	16.62	53.44	0.5	6.5	228.55	0.77	42.99
4.338	16.62	53.61	0.53	6.41	231.38	0.82	43.14
4.35	16.63	53.56	0.5	6.38	241.18	0.83	43.09
4.381	16.64	53.39	0.38	6.35	237.02	0.76	42.92
4.416	16.65	53.49	0.53	6.32	255.57	0.81	43.01
4.438	16.63	53.55	0.65	6.29	245.98	0.79	43.07
4.439	16.63	53.53	0.53	6.23	231.54	0.93	43.06
4.446	16.64	53.66	0.61	6.21	228.08	0.89	43.16
4.467	16.65	53.48	0.69	6.19	231.27	0.8	42.99
4.493	16.66	53.46	0.57	6.16	231.22	0.87	42.96
4.505	16.65	53.58	0.61	6.14	230.25	0.84	43.08
4.506	16.64	53.62	0.69	6.11	235.05	0.81	43.13
4.512	16.64	53.54	0.57	6.09	229.61	0.78	43.06
4.53	16.64	53.53	0.57	6.08	230.74	0.82	43.05
4.558	16.64	53.63	0.69	6.08	235.76	0.78	43.14
4.592	16.64	53.57	0.84	6.08	243.99	0.8	43.09
4.623	16.64	53.49	0.88	6.08	230.25	0.9	43.01
4.641	16.65	53.57	0.88	6.08	229.3	0.83	43.08
4.649	16.65	53.68	0.88	6.06	235.05	0.79	43.18
4.66	16.65	53.6	0.69	6.04	271.38	0.84	43.1
4.677	16.66	53.52	0.76	6.02	282.35	0.82	43.01
4.699	16.67	53.65	0.95	5.98	256.46	0.79	43.12
4.723	16.68	53.63	0.72	5.94	258.97	0.81	43.1
4.741	16.68	53.52	0.76	5.92	261.56	0.82	43.0
4.742	16.68	53.7	0.95	5.88	279.42	0.76	43.17
4.757	16.68	53.61	0.88	5.89	281.04	0.81	43.08
4.785	16.69	53.65	0.72	5.9	278.84	0.86	43.1
4.811	16.7	53.57	0.95	5.92	284.98	0.81	43.02

4.821	16.7	53.71	0.76	5.98	287.17	0.8	43.15
4.829	16.7	53.64	1.03	5.98	336.89	0.8	43.08
4.847	16.7	53.6	0.92	5.99	330.86	0.81	43.05
4.861	16.7	53.67	0.88	5.98	301.21	0.77	43.11
4.867	16.71	53.72	0.88	5.97	288.5	0.81	43.15
4.876	16.71	53.69	0.95	5.95	310.21	0.79	43.11
4.9	16.72	53.74	0.84	5.93	311.58	0.84	43.15
4.911	16.71	53.82	0.92	5.82	301.42	0.82	43.23
4.912	16.71	53.88	0.95	5.78	272.45	0.84	43.29
4.953	16.72	53.64	1.14	5.77	264.49	0.87	43.06
4.988	16.65	53.8	0.84	5.88	252.56	0.89	43.28
4.997	16.67	53.83	1.03	5.98	250.52	0.92	43.29
5.03	16.69	53.63	0.92	6.1	260.05	0.86	43.09
5.061	16.7	53.59	1.03	6.2	279.42	0.94	43.04
5.073	16.68	53.76	0.88	6.27	308.85	0.87	43.22
5.076	16.66	53.83	0.88	6.32	295.61	0.94	43.3
5.086	16.66	53.69	0.95	6.36	264.98	0.93	43.17
5.111	16.67	53.66	0.92	6.39	260.53	1.06	43.13
5.136	16.68	53.69	0.88	6.41	277.81	1.03	43.16
5.156	16.67	53.79	0.84	6.42	294.99	0.9	43.25
5.167	16.67	53.73	0.8	6.43	289.84	0.92	43.2
5.173	16.66	53.68	0.95	6.42	268.44	0.98	43.16
5.186	16.67	53.83	0.99	6.38	268.81	1.0	43.29
5.213	16.67	53.82	0.88	6.33	275.37	1.09	43.27
5.244	16.69	53.71	0.8	6.27	266.7	1.03	43.16
5.27	16.7	53.73	0.88	6.18	269.19	1.05	43.17
5.28	16.7	53.75	1.03	6.11	256.52	1.05	43.17
5.283	16.7	53.82	0.88	6.05	231.59	1.02	43.24
5.318	16.7	53.96	0.99	6.01	236.15	1.02	43.37
5.378	16.72	53.73	1.14	5.99	243.37	1.01	43.15
5.38	16.73	53.99	0.84	6.24	222.7	0.98	43.37
5.403	16.74	53.92	1.11	6.4	217.8	0.98	43.29
5.451	16.75	53.83	1.03	6.56	210.7	1.0	43.21
5.473	16.76	54.08	0.99	6.86	230.09	0.96	43.42
5.487	16.77	54.01	0.99	6.82	233.64	0.98	43.35
5.511	16.78	53.92	0.92	6.76	233.05	0.98	43.25
5.529	16.78	54.05	1.22	6.69	234.62	0.99	43.37
5.555	16.8	54.12	1.22	6.33	231.91	0.99	43.4



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.15	53.1	0.0	5.28	294.79	0.4	43.09
PROF (metros)	0.971	1.181	1.158	1.354	6.141	1.646	1.807
MÁXIMO	16.72	16.72	1.18	7.56	3182.5	0.85	43.72
PROF (metros)	6.106	6.106	3.691	6.364	1.25	6.364	6.003

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	16.2	53.21	0.62	6.3	955.67	0.46	43.24
1 - 2m	16.24	53.22	0.62	6.06	842.37	0.48	43.2
2 - 3m	16.35	53.38	0.7	6.19	698.75	0.5	43.23
3 - 4m	16.41	53.51	0.68	6.41	568.38	0.54	43.28
4 - 5m	16.46	53.62	0.7	6.13	453.25	0.57	43.33
5 - 6m	16.66	54.18	0.7	6.94	375.48	0.69	43.62
6 - 7m	16.72	54.36	0.56	7.46	324.7	0.79	43.72

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

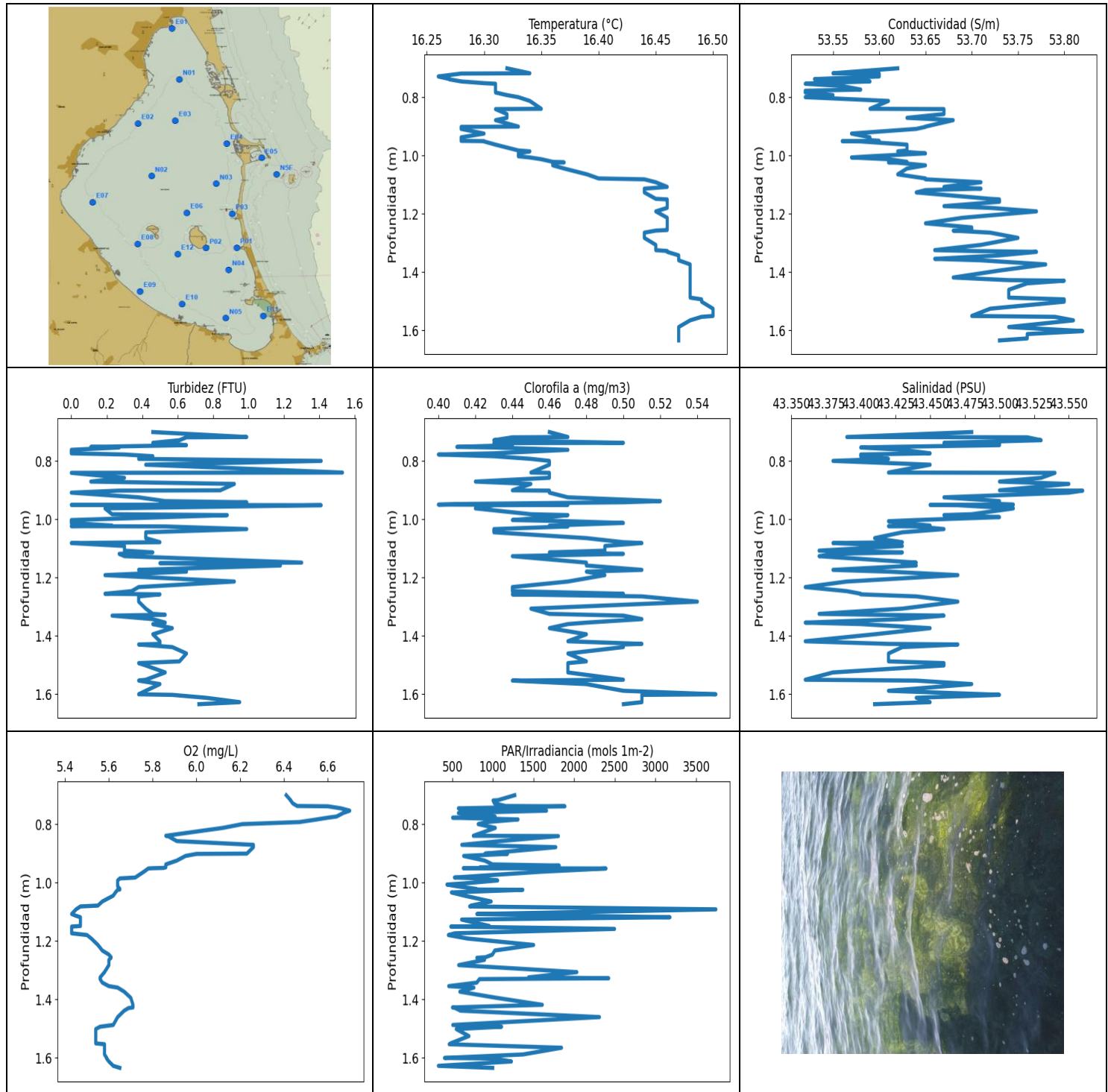
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.734	16.28	53.23	0.69	6.46	747.4	0.43	43.18
0.741	16.19	53.19	1.11	6.45	1941.2	0.43	43.23
0.778	16.21	53.21	0.46	6.44	490.07	0.47	43.22
0.814	16.16	53.2	0.42	6.21	985.23	0.45	43.27
0.826	16.19	53.2	0.8	6.14	642.73	0.46	43.24
0.856	16.22	53.13	0.46	6.09	514.63	0.42	43.13
0.876	16.18	53.14	0.65	6.31	1039.2	0.46	43.19
0.886	16.19	53.27	0.57	6.34	742.74	0.47	43.3
0.941	16.23	53.3	1.11	6.35	1141.7	0.49	43.28
0.971	16.15	53.22	0.38	6.24	661.62	0.51	43.3
0.997	16.19	53.25	0.19	6.22	1605.9	0.43	43.28
1.054	16.23	53.16	0.65	6.24	467.43	0.46	43.16
1.068	16.17	53.25	0.23	6.46	595.68	0.46	43.31
1.107	16.2	53.18	0.69	6.51	2454.9	0.5	43.2
1.116	16.15	53.18	0.57	6.63	689.33	0.48	43.27
1.118	16.16	53.14	0.53	6.69	1310.2	0.51	43.22
1.14	16.16	53.13	0.38	6.52	1245.1	0.47	43.21
1.158	16.16	53.12	0.0	6.42	435.63	0.43	43.2
1.181	16.16	53.1	0.0	6.32	897.58	0.42	43.18
1.19	16.17	53.11	0.0	5.89	535.31	0.46	43.17
1.194	16.18	53.13	0.65	5.82	1216.3	0.43	43.18
1.214	16.19	53.12	0.0	5.76	675.25	0.49	43.17
1.25	16.2	53.12	0.0	5.71	3182.5	0.5	43.16
1.265	16.22	53.13	0.3	5.5	776.0	0.5	43.14
1.266	16.22	53.15	0.0	5.47	670.57	0.5	43.15
1.293	16.24	53.14	1.03	5.43	854.74	0.46	43.13
1.322	16.25	53.21	0.61	5.3	417.73	0.48	43.18
1.354	16.27	53.18	0.61	5.28	640.2	0.46	43.13
1.377	16.26	53.22	0.8	5.39	994.64	0.46	43.18
1.402	16.26	53.32	1.03	5.47	821.53	0.5	43.26
1.41	16.22	53.23	0.5	5.84	868.72	0.49	43.23
1.44	16.23	53.24	0.53	5.98	507.99	0.47	43.23
1.499	16.25	53.18	0.46	6.15	981.82	0.47	43.16
1.519	16.21	53.21	0.57	6.71	818.3	0.5	43.23
1.536	16.21	53.24	0.72	6.68	617.89	0.5	43.25

1.582	16.23	53.21	0.61	6.61	602.76	0.46	43.2
1.592	16.23	53.21	0.5	6.22	1695.8	0.47	43.2
1.6	16.23	53.26	0.65	6.15	499.93	0.46	43.24
1.646	16.25	53.25	0.61	6.08	493.03	0.4	43.22
1.701	16.27	53.19	0.53	6.02	1435.5	0.47	43.14
1.704	16.25	53.23	0.42	5.82	582.84	0.46	43.2
1.721	16.25	53.21	0.53	5.79	819.82	0.53	43.18
1.753	16.26	53.21	0.88	5.77	1229.9	0.49	43.18
1.779	16.27	53.19	0.65	5.75	731.97	0.51	43.14
1.782	16.26	53.3	0.46	5.71	488.03	0.48	43.25
1.791	16.28	53.25	0.53	5.69	936.26	0.45	43.19
1.807	16.3	53.18	0.5	5.69	430.11	0.47	43.09
1.815	16.31	53.24	0.61	5.71	524.75	0.47	43.14
1.819	16.28	53.21	1.11	5.83	920.34	0.46	43.15
1.863	16.28	53.31	0.72	6.47	518.46	0.5	43.24
1.887	16.28	53.28	1.03	6.54	499.12	0.49	43.21
1.927	16.27	53.32	0.65	6.57	634.14	0.49	43.26
1.951	16.28	53.32	0.76	6.51	957.1	0.51	43.26
1.998	16.28	53.31	0.61	6.44	945.2	0.5	43.24
1.999	16.29	53.36	0.46	6.46	786.68	0.5	43.27
2.055	16.32	53.34	0.65	6.48	582.03	0.51	43.23
2.081	16.3	53.31	0.57	6.5	461.09	0.49	43.22
2.095	16.3	53.33	0.65	6.53	585.0	0.5	43.24
2.134	16.31	53.31	0.53	6.57	1069.0	0.5	43.2
2.165	16.31	53.33	0.5	6.66	639.75	0.51	43.23
2.182	16.32	53.3	1.11	6.59	610.21	0.49	43.18
2.204	16.33	53.28	1.11	6.5	873.77	0.48	43.16
2.211	16.34	53.34	0.76	6.3	744.29	0.5	43.21
2.216	16.34	53.34	0.76	6.21	762.98	0.49	43.21
2.257	16.34	53.37	0.46	5.87	922.9	0.51	43.23
2.271	16.35	53.4	0.72	5.82	543.69	0.49	43.24
2.324	16.37	53.32	1.11	5.79	465.38	0.47	43.15
2.366	16.33	53.38	0.57	5.69	429.91	0.5	43.25
2.379	16.34	53.38	0.5	5.7	468.95	0.54	43.24
2.42	16.35	53.33	0.57	5.75	1065.5	0.53	43.18
2.44	16.34	53.42	0.53	5.95	506.23	0.47	43.27
2.441	16.35	53.36	0.8	6.02	774.38	0.51	43.22
2.475	16.36	53.33	1.07	6.08	1099.4	0.48	43.17
2.477	16.37	53.44	0.53	6.14	716.53	0.5	43.26
2.497	16.38	53.39	0.69	6.1	811.69	0.47	43.21
2.55	16.39	53.31	0.72	6.06	684.71	0.47	43.12
2.557	16.35	53.41	0.61	6.08	579.07	0.52	43.26
2.56	16.35	53.44	0.65	6.15	686.46	0.49	43.28
2.585	16.33	53.44	0.61	6.41	583.92	0.5	43.31
2.598	16.34	53.38	0.84	6.41	752.27	0.56	43.24
2.627	16.32	53.4	0.42	6.36	1027.2	0.46	43.28
2.645	16.32	53.38	0.53	6.35	730.96	0.52	43.26
2.69	16.33	53.4	0.92	6.36	504.71	0.53	43.28
2.731	16.34	53.36	1.11	6.38	591.27	0.47	43.23
2.748	16.35	53.41	0.95	6.36	546.59	0.48	43.25
2.752	16.36	53.43	0.61	6.3	641.98	0.52	43.26
2.779	16.37	53.38	0.95	6.25	761.21	0.5	43.21
2.822	16.37	53.39	0.61	6.18	537.42	0.51	43.21
2.867	16.37	53.42	0.61	6.13	774.74	0.53	43.24
2.901	16.37	53.41	0.65	6.09	731.13	0.51	43.23
2.92	16.37	53.41	0.57	6.07	663.0	0.53	43.24
2.928	16.37	53.42	0.5	6.07	931.93	0.51	43.24
2.929	16.38	53.4	0.76	6.09	560.84	0.53	43.21

2.936	16.38	53.45	0.53	6.11	624.81	0.5	43.26
2.956	16.39	53.43	0.61	6.13	739.65	0.53	43.23
2.991	16.4	53.39	0.72	6.14	862.11	0.5	43.19
3.034	16.4	53.46	0.92	6.14	528.53	0.53	43.24
3.044	16.4	53.49	0.76	6.12	768.48	0.53	43.28
3.046	16.39	53.47	0.72	6.11	406.37	0.52	43.27
3.071	16.41	53.4	0.8	6.13	537.42	0.5	43.18
3.104	16.41	53.44	0.61	6.18	596.37	0.54	43.21
3.12	16.39	53.41	0.61	6.48	577.59	0.54	43.22
3.13	16.39	53.45	0.61	6.51	543.18	0.52	43.25
3.152	16.38	53.48	0.8	6.53	636.35	0.49	43.28
3.178	16.38	53.43	0.65	6.54	751.4	0.52	43.24
3.193	16.38	53.52	0.84	6.52	762.8	0.5	43.32
3.247	16.39	53.5	0.8	6.48	603.04	0.5	43.3
3.267	16.38	53.49	0.46	6.23	428.92	0.52	43.3
3.308	16.4	53.48	0.61	6.23	683.28	0.55	43.27
3.376	16.41	53.45	0.61	6.27	786.87	0.53	43.23
3.415	16.39	53.54	0.53	6.63	606.54	0.54	43.33
3.435	16.4	53.48	0.61	6.68	481.96	0.57	43.27
3.471	16.41	53.49	0.65	6.72	367.99	0.58	43.26
3.505	16.41	53.52	0.57	6.71	435.94	0.56	43.29
3.543	16.41	53.51	0.65	6.68	789.97	0.57	43.29
3.591	16.41	53.53	0.65	6.62	517.62	0.54	43.31
3.604	16.4	53.57	0.61	6.39	656.88	0.53	43.34
3.608	16.4	53.52	0.65	6.31	536.06	0.55	43.3
3.64	16.41	53.5	0.84	6.28	514.63	0.56	43.27
3.691	16.42	53.51	1.18	6.29	725.72	0.54	43.27
3.731	16.4	53.51	0.38	6.42	402.43	0.54	43.29
3.745	16.42	53.55	0.5	6.41	364.43	0.53	43.31
3.773	16.42	53.55	0.69	6.4	475.08	0.52	43.31
3.791	16.42	53.5	0.61	6.4	736.23	0.52	43.26
3.797	16.43	53.55	0.57	6.39	571.34	0.53	43.3
3.8	16.42	53.55	0.53	6.39	539.92	0.53	43.31
3.804	16.42	53.53	0.65	6.42	564.75	0.56	43.29
3.81	16.42	53.52	0.61	6.46	661.93	0.56	43.28
3.812	16.42	53.57	0.53	6.55	477.95	0.54	43.33
3.824	16.42	53.54	0.88	6.58	475.85	0.53	43.3
3.846	16.42	53.52	0.8	6.59	612.19	0.55	43.28
3.872	16.42	53.57	0.76	6.6	671.97	0.57	43.32
3.879	16.43	53.58	0.61	6.46	626.11	0.54	43.33
3.895	16.43	53.57	0.84	6.4	516.18	0.56	43.31
3.932	16.43	53.54	0.61	6.35	441.32	0.55	43.28
3.973	16.44	53.55	0.8	6.29	423.98	0.57	43.29
3.997	16.44	53.6	0.76	6.05	498.08	0.56	43.33
4.015	16.44	53.59	0.65	5.99	523.41	0.53	43.32
4.05	16.45	53.56	0.88	5.94	419.0	0.56	43.29
4.091	16.45	53.56	0.84	5.9	430.21	0.57	43.28
4.121	16.46	53.55	0.72	5.86	623.94	0.57	43.27
4.129	16.46	53.55	0.8	5.83	568.69	0.57	43.26
4.13	16.46	53.62	0.57	5.8	525.84	0.55	43.32
4.143	16.46	53.6	0.69	5.78	464.63	0.53	43.3
4.165	16.47	53.56	0.53	5.76	400.02	0.55	43.27
4.187	16.47	53.55	0.46	5.75	354.6	0.55	43.25
4.203	16.47	53.61	0.57	5.73	433.32	0.56	43.31
4.218	16.46	53.6	0.5	5.73	576.52	0.53	43.31
4.233	16.46	53.57	0.5	5.74	581.22	0.54	43.28
4.253	16.46	53.61	0.72	5.75	545.58	0.55	43.31
4.281	16.47	53.62	0.99	5.77	528.28	0.53	43.32

4.296	16.47	53.55	1.11	5.81	430.41	0.56	43.26
4.3	16.46	53.6	0.61	5.85	518.94	0.52	43.3
4.319	16.45	53.67	0.84	5.91	555.41	0.53	43.38
4.364	16.46	53.6	0.92	5.98	456.94	0.56	43.31
4.408	16.46	53.56	0.72	6.08	461.09	0.53	43.27
4.414	16.44	53.65	0.65	6.46	490.63	0.57	43.37
4.446	16.45	53.64	0.69	6.54	465.49	0.58	43.36
4.492	16.45	53.58	0.72	6.62	430.21	0.55	43.3
4.506	16.43	53.65	0.5	6.88	388.14	0.6	43.38
4.524	16.44	53.65	0.72	6.92	340.9	0.57	43.37
4.564	16.44	53.61	0.69	6.93	372.89	0.56	43.34
4.602	16.44	53.61	0.53	6.93	444.3	0.6	43.33
4.608	16.44	53.67	0.46	6.7	486.33	0.55	43.39
4.632	16.44	53.64	0.65	6.58	421.72	0.6	43.36
4.66	16.45	53.6	0.69	6.46	341.77	0.65	43.32
4.683	16.46	53.64	0.76	6.34	374.19	0.61	43.35
4.695	16.45	53.66	0.76	6.24	517.26	0.65	43.37
4.698	16.46	53.63	0.57	6.16	570.28	0.59	43.34
4.699	16.46	53.63	0.61	6.09	436.74	0.56	43.34
4.708	16.46	53.67	0.53	6.04	391.94	0.58	43.37
4.733	16.47	53.64	1.07	6.0	376.8	0.6	43.34
4.771	16.47	53.63	0.95	5.99	435.73	0.6	43.33
4.809	16.47	53.66	0.95	5.98	440.1	0.62	43.35
4.812	16.47	53.66	0.57	6.01	399.0	0.59	43.36
4.83	16.48	53.66	0.8	6.01	350.11	0.59	43.35
4.872	16.48	53.73	0.95	6.02	353.28	0.61	43.4
4.917	16.49	53.68	0.76	6.05	458.32	0.58	43.35
4.933	16.52	53.78	0.65	6.22	409.4	0.57	43.41
4.962	16.53	53.75	0.34	6.28	395.96	0.54	43.37
5.0	16.54	53.74	0.61	6.31	345.35	0.58	43.35
5.03	16.54	53.81	0.46	6.33	377.41	0.6	43.41
5.032	16.56	53.87	0.53	6.32	384.29	0.6	43.45
5.037	16.56	53.89	0.65	6.34	334.79	0.6	43.46
5.055	16.57	53.91	0.76	6.37	389.68	0.61	43.48
5.086	16.57	53.92	0.69	6.43	475.96	0.63	43.47
5.12	16.58	53.94	0.84	6.47	481.17	0.61	43.49
5.16	16.58	53.97	0.84	6.53	442.24	0.63	43.51
5.202	16.59	53.98	0.69	6.57	367.57	0.63	43.52
5.23	16.6	53.97	0.69	6.6	351.81	0.69	43.49
5.235	16.61	54.05	0.76	6.61	396.32	0.69	43.56
5.252	16.62	54.09	1.03	6.6	420.65	0.65	43.59
5.287	16.63	54.12	0.88	6.58	429.12	0.64	43.6
5.322	16.64	54.14	0.84	6.58	391.67	0.66	43.6
5.352	16.65	54.17	0.88	6.57	379.6	0.66	43.62
5.358	16.67	54.23	0.61	6.54	389.4	0.63	43.65
5.38	16.68	54.25	0.92	6.56	397.89	0.63	43.66
5.431	16.68	54.26	0.84	6.59	385.36	0.68	43.67
5.457	16.69	54.29	0.69	7.13	338.3	0.67	43.69
5.499	16.69	54.29	0.92	7.23	341.13	0.7	43.69
5.562	16.69	54.29	0.57	7.3	379.51	0.71	43.68
5.618	16.69	54.29	0.76	7.37	430.41	0.69	43.69
5.629	16.7	54.32	0.42	7.49	345.27	0.72	43.7
5.664	16.7	54.32	0.76	7.48	358.23	0.76	43.7
5.686	16.7	54.32	0.46	7.42	419.77	0.71	43.7
5.693	16.71	54.33	0.57	7.39	355.75	0.76	43.7
5.727	16.71	54.33	0.72	7.34	335.88	0.78	43.7
5.768	16.71	54.33	0.69	7.3	354.19	0.76	43.7
5.786	16.71	54.33	0.38	7.27	401.97	0.79	43.7

5.8	16.71	54.33	0.42	7.28	378.11	0.8	43.71
5.829	16.71	54.33	0.72	7.28	331.78	0.72	43.71
5.86	16.71	54.33	0.69	7.3	324.48	0.76	43.71
5.88	16.71	54.34	0.69	7.34	338.3	0.72	43.71
5.897	16.71	54.34	0.88	7.37	347.44	0.78	43.71
5.916	16.71	54.34	0.72	7.39	339.48	0.79	43.71
5.937	16.71	54.34	0.84	7.41	333.63	0.79	43.71
5.966	16.71	54.34	0.84	7.42	361.9	0.77	43.71
5.989	16.71	54.34	0.46	7.47	312.59	0.77	43.71
6.003	16.71	54.35	0.72	7.46	304.51	0.72	43.72
6.042	16.71	54.35	0.84	7.46	323.05	0.73	43.71
6.084	16.71	54.35	0.65	7.45	335.18	0.76	43.71
6.106	16.72	54.36	0.38	7.42	325.08	0.77	43.72
6.109	16.72	54.36	0.5	7.39	312.59	0.74	43.72
6.141	16.72	54.36	0.69	7.37	294.79	0.78	43.71
6.197	16.72	54.36	0.53	7.37	309.2	0.76	43.72
6.198	16.72	54.36	0.57	7.42	376.88	0.81	43.72
6.201	16.72	54.36	0.5	7.44	345.19	0.81	43.72
6.23	16.72	54.36	0.46	7.46	314.12	0.83	43.72
6.232	16.72	54.36	0.42	7.54	341.45	0.82	43.72
6.263	16.72	54.35	0.61	7.55	336.89	0.82	43.72
6.329	16.72	54.35	0.38	7.55	322.53	0.82	43.72
6.364	16.72	54.35	0.53	7.56	304.3	0.85	43.72



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	16.26	53.52	0.0	5.43	330.01	0.4	43.36
PROF (metros)	0.729	0.754	0.762	1.108	1.628	0.778	1.233
MÁXIMO	16.5	16.5	1.53	6.7	3744.9	0.55	43.56
PROF (metros)	1.526	1.603	0.84	0.754	1.092	1.601	0.902

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	16.31	53.59	0.6	6.17	1109.77	0.45	43.47
1 - 2m	16.46	53.72	0.51	5.57	1071.88	0.48	43.42

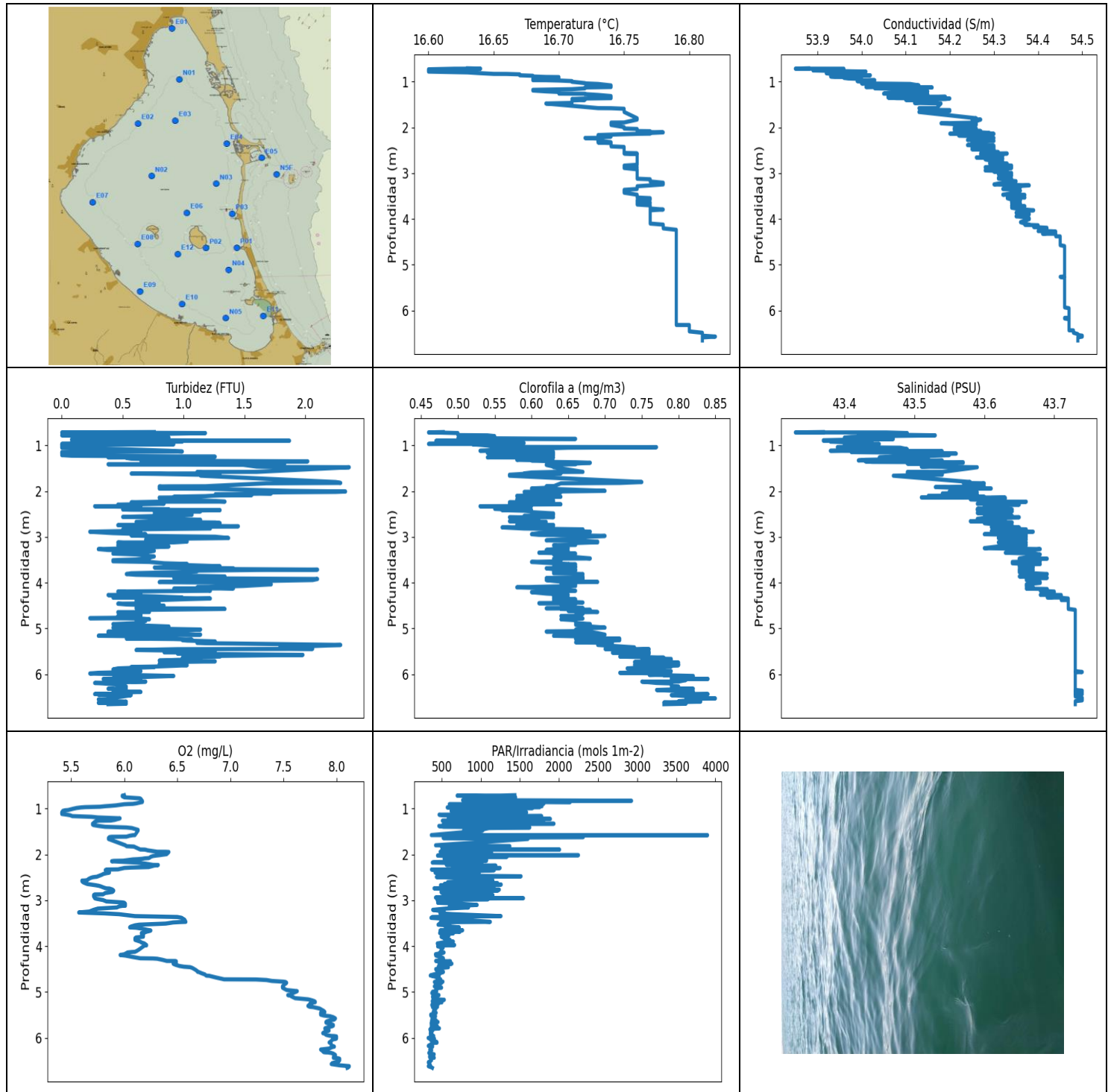
OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	16.32	53.62	0.46	6.41	1269.9	0.46	43.48
0.718	16.34	53.55	0.99	6.43	1062.3	0.47	43.39
0.719	16.28	53.6	0.65	6.43	1003.2	0.44	43.52
0.729	16.26	53.6	0.61	6.44	1020.8	0.43	43.53
0.738	16.27	53.53	0.46	6.46	1157.4	0.5	43.46
0.739	16.27	53.58	0.53	6.6	1887.1	0.43	43.5
0.746	16.28	53.59	0.65	6.66	576.12	0.44	43.5
0.752	16.3	53.53	0.11	6.69	617.75	0.41	43.42
0.754	16.31	53.52	0.27	6.7	1660.8	0.43	43.4
0.762	16.31	53.56	0.0	6.67	575.99	0.47	43.43
0.774	16.31	53.58	0.0	6.64	1028.2	0.43	43.45
0.778	16.31	53.52	0.3	6.6	505.06	0.4	43.4
0.784	16.31	53.52	0.46	6.55	1309.9	0.43	43.4
0.793	16.32	53.55	0.38	6.47	926.11	0.45	43.42
0.8	16.33	53.52	1.41	6.21	819.63	0.46	43.38
0.813	16.34	53.61	0.42	6.12	1030.8	0.46	43.45
0.84	16.35	53.59	1.53	5.86	760.16	0.45	43.42
0.841	16.31	53.67	0.0	5.87	1807.0	0.46	43.54
0.858	16.32	53.67	0.3	5.91	1096.6	0.46	43.53
0.871	16.32	53.63	0.11	6.26	618.32	0.42	43.5
0.879	16.31	53.68	0.92	6.26	1775.1	0.45	43.55
0.901	16.33	53.65	0.84	6.23	904.48	0.44	43.5
0.902	16.28	53.65	0.27	6.0	1180.2	0.46	43.56
0.909	16.28	53.64	0.0	5.95	640.79	0.46	43.55
0.925	16.3	53.57	0.38	5.91	901.13	0.47	43.46
0.938	16.28	53.59	0.53	5.86	995.1	0.52	43.5
0.942	16.28	53.59	0.99	5.86	1817.1	0.5	43.5
0.948	16.28	53.59	0.5	5.86	840.21	0.41	43.5
0.95	16.28	53.6	0.72	5.85	1133.8	0.4	43.51
0.951	16.3	53.56	0.0	5.8	636.65	0.47	43.45
0.952	16.3	53.58	1.41	5.78	2392.6	0.43	43.47
0.963	16.31	53.63	0.19	5.76	1599.6	0.42	43.51
0.983	16.33	53.63	0.23	5.72	527.43	0.45	43.48
0.986	16.34	53.62	0.88	5.65	845.09	0.47	43.46
0.993	16.33	53.65	0.53	5.64	1059.4	0.46	43.5
1.003	16.33	53.59	0.0	5.64	644.07	0.44	43.44
1.007	16.34	53.57	0.0	5.64	435.83	0.47	43.42
1.013	16.35	53.61	0.0	5.64	562.66	0.5	43.43
1.022	16.36	53.63	0.23	5.65	796.78	0.46	43.45
1.024	16.37	53.61	0.0	5.65	759.8	0.47	43.42

1.025	16.36	53.62	0.53	5.64	1369.2	0.47	43.44
1.034	16.36	53.65	0.99	5.63	490.07	0.43	43.46
1.045	16.37	53.63	0.42	5.62	649.01	0.43	43.43
1.065	16.39	53.62	0.42	5.57	979.54	0.48	43.41
1.079	16.4	53.65	0.5	5.55	732.99	0.5	43.43
1.082	16.44	53.65	0.0	5.47	715.2	0.51	43.38
1.092	16.45	53.71	0.3	5.45	3744.9	0.49	43.43
1.108	16.46	53.67	0.3	5.43	804.01	0.49	43.37
1.114	16.44	53.71	0.46	5.45	2002.4	0.46	43.43
1.119	16.44	53.65	0.27	5.47	3179.6	0.5	43.38
1.127	16.44	53.64	0.3	5.47	615.61	0.44	43.37
1.149	16.45	53.72	1.3	5.47	957.32	0.48	43.44
1.151	16.46	53.73	0.5	5.43	482.96	0.48	43.43
1.159	16.46	53.73	1.18	5.43	2498.0	0.48	43.44
1.174	16.46	53.67	0.38	5.43	532.46	0.51	43.38
1.18	16.46	53.72	0.65	5.5	452.93	0.48	43.42
1.192	16.45	53.77	0.19	5.52	688.37	0.49	43.47
1.214	16.46	53.69	0.92	5.55	1501.9	0.47	43.39
1.233	16.46	53.65	0.38	5.57	1024.4	0.44	43.36
1.247	16.46	53.7	0.34	5.6	994.64	0.44	43.39
1.256	16.46	53.7	0.19	5.61	911.21	0.5	43.4
1.258	16.45	53.68	0.5	5.61	803.08	0.44	43.4
1.265	16.44	53.72	0.38	5.6	898.0	0.51	43.44
1.283	16.44	53.75	0.38	5.6	579.87	0.54	43.47
1.307	16.45	53.71	0.42	5.58	2033.8	0.45	43.43
1.325	16.45	53.66	0.46	5.56	1439.2	0.46	43.37
1.328	16.46	53.7	0.53	5.56	2426.1	0.48	43.41
1.331	16.46	53.77	0.23	5.56	835.35	0.5	43.46
1.343	16.47	53.73	0.46	5.57	802.89	0.51	43.43
1.355	16.47	53.66	0.53	5.6	457.25	0.48	43.36
1.36	16.47	53.71	0.46	5.64	767.59	0.47	43.4
1.374	16.48	53.78	0.57	5.67	594.3	0.46	43.45
1.395	16.48	53.73	0.46	5.7	1043.3	0.48	43.41
1.419	16.48	53.68	0.5	5.71	1608.9	0.47	43.36
1.428	16.48	53.74	0.5	5.71	503.3	0.51	43.42
1.43	16.48	53.8	0.38	5.69	536.93	0.5	43.47
1.439	16.48	53.76	0.57	5.67	601.08	0.5	43.43
1.461	16.48	53.74	0.65	5.64	2311.9	0.47	43.42
1.488	16.48	53.74	0.61	5.62	507.52	0.48	43.42
1.494	16.49	53.8	0.38	5.56	1107.8	0.47	43.46
1.502	16.49	53.8	0.42	5.54	549.77	0.47	43.46
1.526	16.5	53.72	0.53	5.54	705.82	0.47	43.38
1.551	16.5	53.7	0.42	5.54	479.84	0.5	43.36
1.554	16.49	53.79	0.38	5.58	463.23	0.44	43.44
1.566	16.48	53.81	0.5	5.58	1845.5	0.48	43.48
1.589	16.47	53.74	0.42	5.58	1370.8	0.5	43.42
1.601	16.47	53.81	0.38	5.59	405.15	0.55	43.49
1.603	16.47	53.82	0.57	5.59	1021.7	0.51	43.5
1.613	16.47	53.76	0.76	5.6	1228.8	0.51	43.44
1.628	16.47	53.76	0.95	5.62	330.01	0.51	43.45
1.635	16.47	53.73	0.72	5.65	998.57	0.5	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	16.6	53.85	0.0	5.41	326.66	0.46	43.33
PROF (metros)	0.732	0.718	0.718	1.084	6.004	0.718	0.718
MÁXIMO	16.82	16.82	2.37	8.12	3899.9	0.85	43.74
PROF (metros)	6.573	6.553	1.479	6.619	1.582	6.531	5.953

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	16.67	53.97	0.61	6.0	1292.39	0.53	43.42
1 - 2m	16.73	54.16	1.09	5.93	1003.2	0.62	43.52
2 - 3m	16.75	54.28	0.94	5.9	780.12	0.61	43.61
3 - 4m	16.77	54.35	0.94	6.12	605.69	0.65	43.66
4 - 5m	16.79	54.44	0.75	6.71	475.89	0.65	43.71
5 - 6m	16.79	54.46	0.95	7.85	402.66	0.73	43.73
6 - 7m	16.8	54.48	0.47	7.98	365.84	0.8	43.73

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)
0.71	16.63	53.88	0.76	6.0	1436.2	0.48	43.37
0.718	16.64	53.85	0.0	5.99	1258.7	0.46	43.33
0.719	16.62	53.96	0.0	5.98	697.52	0.47	43.46
0.732	16.6	53.96	1.18	5.98	1083.7	0.5	43.49
0.756	16.6	53.89	0.69	6.0	1445.5	0.5	43.42
0.777	16.6	53.98	0.0	6.14	903.22	0.5	43.51
0.782	16.6	54.01	0.0	6.15	1171.5	0.54	43.53
0.799	16.63	53.95	0.27	6.16	1434.9	0.55	43.45
0.817	16.64	53.92	0.11	6.16	767.06	0.52	43.41
0.832	16.65	53.93	0.88	6.17	2928.4	0.53	43.4
0.833	16.66	53.95	0.27	6.16	2033.8	0.55	43.41
0.842	16.67	53.98	0.11	6.16	1207.9	0.5	43.43
0.859	16.67	53.97	0.38	6.17	2145.1	0.66	43.42
0.863	16.67	54.02	0.69	6.16	999.96	0.58	43.47
0.873	16.68	53.98	0.08	6.14	792.54	0.52	43.42
0.889	16.68	53.93	0.57	6.11	809.62	0.5	43.37
0.899	16.69	53.94	1.87	6.08	1804.5	0.5	43.37
0.902	16.7	53.99	0.84	6.04	1199.5	0.47	43.41
0.907	16.7	54.0	0.99	6.0	596.92	0.5	43.42
0.919	16.7	53.96	0.99	5.96	1316.3	0.55	43.38
0.932	16.69	53.97	0.08	5.92	811.69	0.51	43.4
0.942	16.68	54.0	0.57	5.87	696.07	0.56	43.43
0.95	16.68	54.0	0.65	5.82	1782.9	0.59	43.44
0.962	16.68	54.0	0.38	5.77	813.38	0.5	43.44
0.969	16.68	54.0	0.0	5.67	819.25	0.46	43.43
0.97	16.69	54.03	0.15	5.63	1756.2	0.54	43.45
0.977	16.7	54.01	0.92	5.59	570.54	0.52	43.42
0.989	16.71	53.99	0.0	5.55	1663.9	0.53	43.4
1.004	16.71	54.01	0.0	5.52	725.22	0.54	43.41
1.034	16.72	54.01	0.0	5.47	690.13	0.55	43.4
1.04	16.72	54.0	0.0	5.44	1434.9	0.77	43.39
1.052	16.73	54.11	0.0	5.42	620.33	0.65	43.48
1.084	16.74	54.13	0.5	5.41	1586.0	0.58	43.49
1.119	16.74	54.01	0.88	5.41	665.0	0.53	43.38
1.129	16.72	54.16	0.95	5.44	857.92	0.61	43.54

1.135	16.72	54.04	0.99	5.46	466.57	0.58	43.43
1.148	16.72	54.03	0.0	5.49	533.58	0.63	43.41
1.166	16.71	54.13	0.0	5.51	1779.2	0.54	43.52
1.181	16.68	54.14	0.0	5.69	1193.7	0.63	43.56
1.195	16.68	54.08	0.11	5.75	720.19	0.61	43.51
1.214	16.69	54.15	0.0	5.96	583.78	0.63	43.55
1.227	16.7	54.12	0.08	5.94	1890.6	0.62	43.53
1.248	16.7	54.06	1.26	5.91	639.31	0.56	43.47
1.263	16.7	54.05	0.38	5.87	899.46	0.54	43.45
1.266	16.72	54.06	0.84	5.76	508.58	0.63	43.45
1.274	16.72	54.15	0.53	5.74	1802.8	0.6	43.52
1.292	16.73	54.15	0.57	5.72	850.4	0.59	43.52
1.317	16.74	54.07	0.99	5.71	727.07	0.58	43.43
1.33	16.74	54.06	0.65	5.71	1257.0	0.62	43.42
1.331	16.74	54.19	0.88	5.7	1936.2	0.6	43.54
1.336	16.74	54.17	0.65	5.7	769.02	0.62	43.53
1.35	16.74	54.06	2.02	5.7	517.98	0.63	43.43
1.362	16.74	54.08	0.95	5.71	999.26	0.62	43.44
1.37	16.72	54.2	1.14	5.73	813.57	0.66	43.57
1.381	16.71	54.19	0.88	5.76	463.76	0.68	43.57
1.399	16.72	54.1	1.83	5.82	525.48	0.66	43.49
1.414	16.71	54.17	0.38	6.02	1626.5	0.66	43.55
1.426	16.71	54.17	1.49	6.07	1105.3	0.62	43.56
1.466	16.71	54.12	1.6	6.13	999.73	0.63	43.51
1.473	16.7	54.15	1.76	6.13	781.41	0.63	43.55
1.479	16.69	54.18	2.36	6.13	1025.8	0.63	43.59
1.58	16.73	54.17	1.6	6.1	367.57	0.67	43.54
1.582	16.74	54.13	1.11	6.08	3899.9	0.63	43.49
1.594	16.75	54.17	1.14	6.05	779.24	0.6	43.52
1.614	16.75	54.17	1.3	6.02	713.22	0.59	43.51
1.617	16.75	54.14	0.57	5.88	731.8	0.64	43.49
1.623	16.75	54.2	0.76	5.86	2311.3	0.59	43.54
1.643	16.75	54.2	1.14	5.85	519.3	0.57	43.54
1.664	16.75	54.13	1.14	5.85	1602.6	0.57	43.47
1.802	16.76	54.26	2.25	6.01	421.92	0.75	43.58
1.822	16.76	54.25	2.29	6.02	1372.1	0.72	43.57
1.83	16.76	54.27	1.68	6.09	498.08	0.64	43.6
1.894	16.75	54.25	1.18	6.15	702.55	0.63	43.58
1.896	16.74	54.26	0.88	6.19	2008.0	0.62	43.6
1.899	16.74	54.25	0.8	6.2	501.67	0.63	43.6
1.912	16.74	54.18	0.84	6.22	573.99	0.63	43.53
1.929	16.74	54.21	0.95	6.27	953.12	0.62	43.56
1.943	16.74	54.26	0.99	6.31	562.14	0.6	43.61
1.944	16.74	54.21	0.8	6.39	480.06	0.63	43.56
1.948	16.74	54.24	1.18	6.42	1138.3	0.62	43.59
1.995	16.75	54.24	1.87	6.4	572.4	0.7	43.57
2.009	16.75	54.21	2.33	6.36	500.74	0.63	43.55
2.018	16.75	54.21	2.25	6.33	2249.5	0.59	43.55
2.026	16.75	54.26	1.83	6.3	446.57	0.64	43.59
2.036	16.76	54.25	1.53	6.27	552.2	0.6	43.58
2.052	16.76	54.21	1.72	6.25	1336.0	0.61	43.54
2.07	16.76	54.23	1.26	6.24	536.93	0.6	43.56
2.081	16.76	54.27	1.37	6.23	765.28	0.59	43.59
2.085	16.77	54.25	1.56	6.21	581.76	0.63	43.57
2.088	16.77	54.27	1.56	6.19	584.73	0.59	43.59
2.096	16.77	54.26	1.3	6.17	531.6	0.6	43.57
2.104	16.77	54.21	1.22	6.13	686.3	0.58	43.52
2.11	16.78	54.27	1.18	6.08	1073.2	0.58	43.58

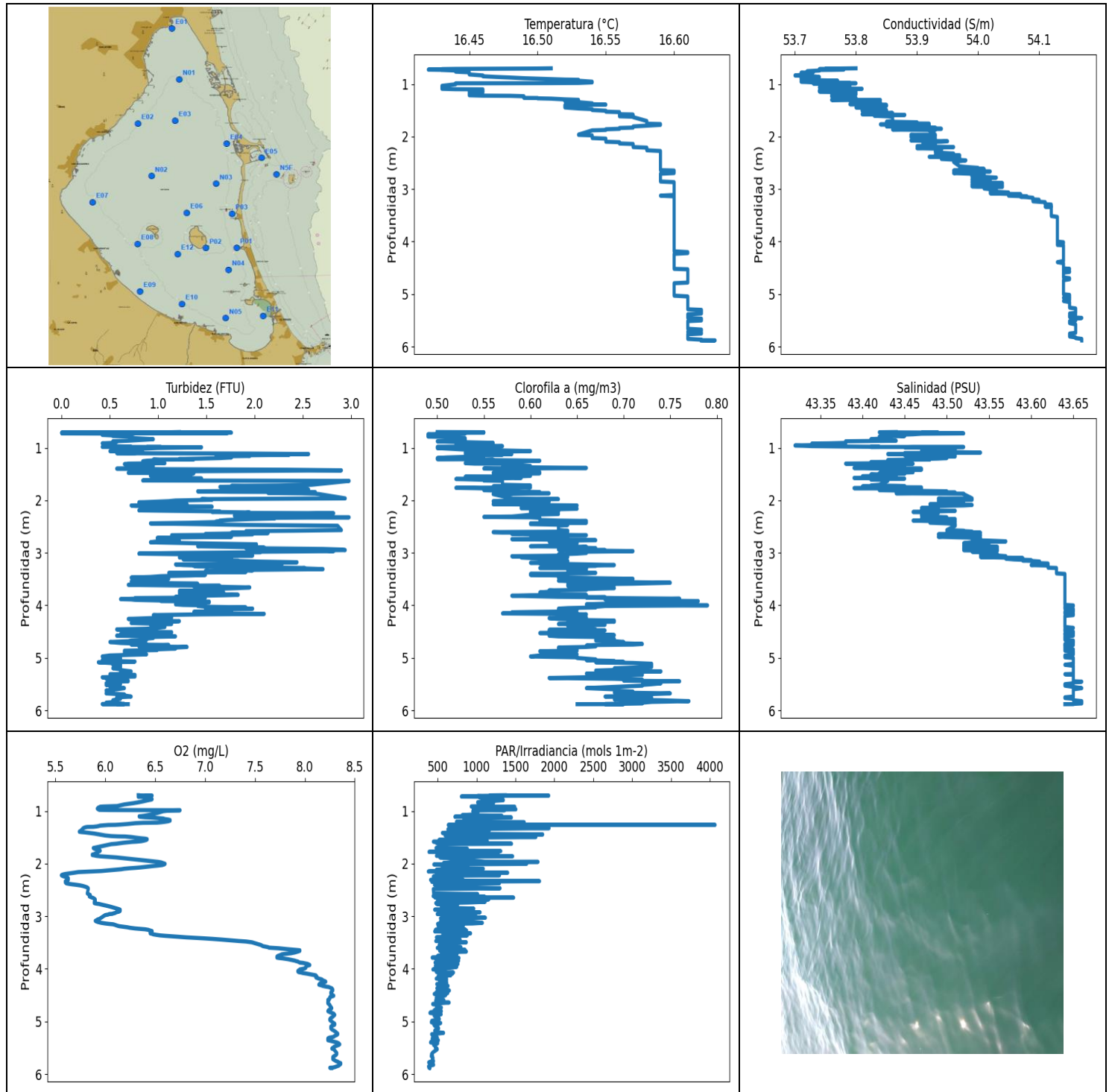
2.123	16.77	54.29	0.92	6.04	592.78	0.64	43.6
2.138	16.77	54.2	0.99	5.99	1073.7	0.59	43.51
2.142	16.76	54.3	0.8	5.9	623.22	0.61	43.63
2.15	16.75	54.27	0.8	5.88	985.69	0.61	43.61
2.169	16.73	54.28	0.92	6.04	410.82	0.61	43.63
2.179	16.73	54.22	1.03	6.12	379.78	0.58	43.58
2.202	16.74	54.28	1.14	6.2	1013.7	0.63	43.62
2.23	16.73	54.25	1.34	6.27	559.8	0.63	43.6
2.232	16.72	54.3	0.8	6.32	733.84	0.61	43.66
2.245	16.73	54.27	0.57	6.28	1192.8	0.57	43.63
2.277	16.73	54.24	0.84	6.23	639.46	0.62	43.59
2.288	16.73	54.29	0.61	6.06	665.0	0.64	43.64
2.296	16.73	54.3	0.46	6.0	1247.4	0.57	43.65
2.327	16.74	54.25	0.65	5.94	1081.4	0.6	43.6
2.331	16.73	54.25	0.27	5.83	369.28	0.53	43.6
2.344	16.74	54.25	0.57	5.82	1173.1	0.58	43.6
2.368	16.74	54.27	0.57	5.83	896.75	0.58	43.62
2.388	16.74	54.24	0.57	5.85	651.88	0.55	43.59
2.397	16.74	54.26	0.88	5.86	415.03	0.56	43.6
2.401	16.74	54.3	0.5	5.85	551.81	0.58	43.64
2.407	16.74	54.3	0.57	5.84	979.09	0.6	43.64
2.416	16.74	54.25	1.3	5.82	670.42	0.56	43.59
2.429	16.75	54.26	0.95	5.8	772.95	0.59	43.6
2.443	16.75	54.3	1.14	5.79	488.82	0.6	43.64
2.461	16.75	54.3	0.76	5.77	522.2	0.6	43.63
2.478	16.75	54.25	1.07	5.75	1515.2	0.62	43.59
2.488	16.75	54.28	0.99	5.74	787.05	0.63	43.61
2.493	16.75	54.3	0.84	5.72	432.01	0.63	43.63
2.5	16.75	54.27	0.76	5.7	519.9	0.62	43.61
2.516	16.75	54.28	1.07	5.68	853.75	0.63	43.62
2.54	16.75	54.31	0.84	5.66	756.99	0.59	43.64
2.564	16.75	54.27	0.5	5.65	1155.0	0.62	43.6
2.571	16.76	54.31	0.84	5.62	770.26	0.63	43.63
2.572	16.75	54.33	0.76	5.6	905.94	0.57	43.65
2.585	16.76	54.27	0.72	5.6	757.87	0.61	43.6
2.607	16.76	54.27	0.95	5.61	574.66	0.58	43.59
2.628	16.76	54.32	1.14	5.63	1216.0	0.59	43.63
2.646	16.76	54.29	0.76	5.65	533.33	0.61	43.61
2.659	16.76	54.26	0.72	5.69	1261.7	0.57	43.58
2.673	16.76	54.3	0.61	5.73	484.64	0.62	43.62
2.686	16.76	54.32	1.26	5.76	809.62	0.62	43.64
2.7	16.76	54.28	1.3	5.78	559.93	0.59	43.6
2.719	16.76	54.29	0.88	5.8	970.28	0.62	43.61
2.735	16.76	54.3	1.11	5.82	654.75	0.58	43.62
2.741	16.76	54.3	0.95	5.83	402.06	0.63	43.62
2.743	16.76	54.3	0.53	5.84	1174.2	0.61	43.62
2.745	16.76	54.31	0.46	5.86	487.57	0.59	43.63
2.753	16.76	54.32	0.95	5.87	567.64	0.63	43.64
2.769	16.76	54.31	1.45	5.89	1237.3	0.6	43.63
2.786	16.76	54.29	0.99	5.89	737.76	0.59	43.61
2.789	16.76	54.31	0.95	5.9	1219.4	0.6	43.63
2.793	16.76	54.33	1.22	5.9	723.37	0.56	43.65
2.818	16.76	54.31	1.22	5.89	491.2	0.59	43.62
2.837	16.75	54.34	0.5	5.84	497.62	0.67	43.66
2.842	16.75	54.34	0.57	5.82	818.3	0.63	43.66
2.872	16.76	54.28	0.65	5.8	519.9	0.63	43.61
2.874	16.75	54.31	0.5	5.72	634.14	0.66	43.64
2.888	16.75	54.34	0.23	5.71	1155.8	0.68	43.67

2.918	16.76	54.31	0.42	5.71	759.63	0.61	43.63
2.942	16.76	54.28	0.69	5.72	420.84	0.6	43.6
2.956	16.76	54.33	0.65	5.72	1546.0	0.61	43.64
2.964	16.76	54.33	0.61	5.73	648.26	0.66	43.66
2.97	16.76	54.3	0.57	5.74	437.66	0.67	43.62
2.979	16.76	54.32	0.69	5.76	1093.8	0.7	43.65
2.997	16.76	54.34	1.26	5.8	442.45	0.68	43.66
3.026	16.76	54.31	1.37	5.83	477.73	0.66	43.62
3.048	16.76	54.34	0.69	5.98	697.36	0.67	43.65
3.055	16.76	54.34	0.76	6.0	448.54	0.64	43.66
3.076	16.76	54.32	0.69	6.01	736.23	0.62	43.64
3.103	16.76	54.31	1.03	6.01	953.34	0.69	43.63
3.121	16.76	54.31	0.92	6.01	746.54	0.69	43.62
3.123	16.76	54.34	0.46	5.98	666.54	0.68	43.66
3.135	16.77	54.33	0.53	5.95	596.78	0.66	43.64
3.158	16.77	54.33	0.69	5.93	843.33	0.66	43.64
3.177	16.77	54.35	0.53	5.8	623.79	0.66	43.65
3.183	16.77	54.35	0.46	5.75	556.05	0.63	43.66
3.21	16.78	54.32	0.88	5.71	385.36	0.64	43.62
3.247	16.78	54.3	0.61	5.67	533.21	0.65	43.6
3.268	16.77	54.38	0.3	5.57	527.92	0.63	43.68
3.287	16.76	54.35	0.38	5.81	477.84	0.62	43.67
3.305	16.76	54.36	0.76	5.95	644.67	0.65	43.67
3.347	16.76	54.32	0.65	6.1	1259.0	0.61	43.63
3.366	16.75	54.35	0.42	6.5	379.69	0.66	43.67
3.384	16.75	54.36	0.61	6.54	363.08	0.63	43.68
3.428	16.75	54.35	0.76	6.57	750.7	0.65	43.67
3.472	16.76	54.32	0.69	6.58	1122.3	0.68	43.65
3.477	16.76	54.37	0.72	6.52	681.07	0.63	43.69
3.485	16.76	54.33	0.69	6.46	480.73	0.63	43.65
3.51	16.76	54.35	0.42	6.39	479.28	0.64	43.66
3.534	16.76	54.37	0.42	6.14	453.67	0.64	43.68
3.548	16.77	54.33	0.72	6.1	568.82	0.6	43.64
3.577	16.77	54.34	0.84	6.06	629.17	0.63	43.64
3.593	16.76	54.35	1.03	6.05	725.39	0.65	43.66
3.595	16.76	54.36	0.84	6.07	546.47	0.65	43.68
3.6	16.76	54.35	0.92	6.11	666.08	0.66	43.66
3.618	16.76	54.34	1.03	6.16	555.92	0.64	43.65
3.643	16.77	54.34	1.3	6.21	706.8	0.66	43.65
3.656	16.77	54.34	1.11	6.24	768.3	0.63	43.65
3.661	16.76	54.36	1.11	6.25	478.95	0.63	43.67
3.67	16.76	54.36	0.76	6.24	674.94	0.66	43.67
3.687	16.76	54.35	1.41	6.21	735.89	0.62	43.66
3.705	16.77	54.34	1.41	6.19	521.59	0.63	43.65
3.716	16.77	54.34	2.1	6.17	473.76	0.66	43.65
3.718	16.77	54.34	2.06	6.16	519.9	0.63	43.65
3.724	16.77	54.37	1.6	6.16	649.31	0.63	43.67
3.738	16.77	54.36	1.11	6.17	548.75	0.66	43.66
3.756	16.77	54.34	1.11	6.18	523.9	0.63	43.65
3.774	16.77	54.35	0.92	6.18	592.23	0.63	43.65
3.796	16.78	54.37	0.57	6.18	492.69	0.63	43.67
3.813	16.77	54.39	0.53	6.11	517.38	0.67	43.69
3.829	16.77	54.37	0.61	6.1	527.55	0.66	43.68
3.865	16.77	54.35	1.34	6.1	608.09	0.67	43.65
3.896	16.77	54.38	0.99	6.14	599.14	0.67	43.69
3.903	16.77	54.38	0.92	6.15	650.07	0.62	43.68
3.921	16.77	54.36	2.1	6.16	519.54	0.67	43.66
3.944	16.77	54.35	2.06	6.19	443.37	0.62	43.66

3.963	16.77	54.37	1.68	6.2	487.23	0.63	43.67
3.978	16.77	54.37	1.6	6.21	666.08	0.64	43.67
3.985	16.77	54.37	0.84	6.21	564.1	0.69	43.67
3.989	16.77	54.38	0.8	6.19	467.0	0.66	43.68
4.006	16.77	54.38	1.49	6.18	448.13	0.64	43.68
4.038	16.77	54.37	1.72	6.16	518.58	0.66	43.66
4.073	16.77	54.36	1.49	6.14	493.49	0.66	43.66
4.103	16.77	54.37	1.11	6.12	503.19	0.58	43.67
4.126	16.78	54.38	1.41	6.1	487.46	0.63	43.67
4.13	16.78	54.37	0.92	6.07	479.39	0.63	43.66
4.14	16.78	54.4	1.18	6.03	530.62	0.64	43.69
4.179	16.78	54.39	1.22	6.0	420.45	0.66	43.68
4.195	16.78	54.42	0.46	5.96	434.32	0.63	43.7
4.208	16.78	54.42	0.53	6.01	424.86	0.6	43.7
4.239	16.79	54.42	0.65	6.08	494.75	0.62	43.7
4.267	16.79	54.4	0.57	6.15	522.32	0.65	43.68
4.271	16.79	54.43	0.38	6.27	476.73	0.64	43.71
4.277	16.79	54.44	0.42	6.31	509.17	0.63	43.71
4.301	16.79	54.43	0.76	6.36	511.89	0.63	43.71
4.325	16.79	54.41	0.99	6.4	423.29	0.65	43.69
4.326	16.79	54.44	0.42	6.48	465.49	0.63	43.71
4.333	16.79	54.44	0.84	6.49	612.9	0.64	43.71
4.347	16.79	54.44	1.22	6.49	526.09	0.63	43.72
4.364	16.79	54.44	0.99	6.49	463.66	0.66	43.72
4.381	16.79	54.44	0.8	6.47	560.58	0.64	43.71
4.382	16.79	54.45	0.61	6.46	514.15	0.65	43.72
4.384	16.79	54.45	0.69	6.46	631.21	0.63	43.72
4.407	16.79	54.45	0.61	6.48	551.05	0.64	43.72
4.435	16.79	54.45	0.61	6.52	460.12	0.67	43.72
4.45	16.79	54.45	0.8	6.56	456.2	0.61	43.72
4.455	16.79	54.45	0.69	6.59	513.2	0.63	43.72
4.461	16.79	54.45	0.46	6.62	586.09	0.66	43.72
4.477	16.79	54.45	0.53	6.64	507.99	0.64	43.72
4.503	16.79	54.45	0.84	6.66	423.68	0.65	43.72
4.532	16.79	54.45	0.72	6.68	433.72	0.65	43.72
4.554	16.79	54.45	0.61	6.69	455.56	0.67	43.72
4.562	16.79	54.45	0.61	6.69	504.0	0.62	43.72
4.565	16.79	54.45	1.14	6.7	523.17	0.66	43.72
4.575	16.79	54.45	1.34	6.71	502.14	0.64	43.72
4.595	16.79	54.46	0.69	6.73	483.41	0.68	43.73
4.62	16.79	54.46	0.72	6.76	394.67	0.65	43.73
4.643	16.79	54.46	0.72	6.77	353.69	0.69	43.73
4.647	16.79	54.46	0.46	6.78	467.65	0.67	43.73
4.649	16.79	54.46	0.57	6.8	374.19	0.66	43.73
4.684	16.79	54.46	0.65	6.86	447.71	0.67	43.73
4.726	16.79	54.46	0.65	6.94	488.03	0.66	43.73
4.729	16.79	54.46	0.46	7.24	461.73	0.64	43.73
4.741	16.79	54.46	0.57	7.34	439.28	0.65	43.73
4.761	16.79	54.46	0.61	7.39	434.83	0.66	43.73
4.777	16.79	54.46	0.23	7.5	516.54	0.65	43.73
4.784	16.79	54.46	0.65	7.52	406.37	0.67	43.73
4.801	16.79	54.46	0.72	7.53	500.4	0.64	43.73
4.822	16.79	54.46	0.61	7.52	483.3	0.66	43.73
4.836	16.79	54.46	0.69	7.51	443.07	0.66	43.73
4.88	16.79	54.46	0.65	7.49	405.71	0.66	43.73
4.907	16.79	54.46	0.42	7.49	499.47	0.68	43.73
4.922	16.79	54.46	0.5	7.5	437.96	0.66	43.73
4.959	16.79	54.46	0.88	7.53	421.14	0.68	43.73

4.984	16.79	54.46	0.42	7.63	436.64	0.7	43.73
4.995	16.79	54.46	0.53	7.62	384.29	0.68	43.73
5.025	16.79	54.46	1.14	7.59	373.41	0.66	43.73
5.057	16.79	54.46	0.95	7.57	434.72	0.67	43.73
5.07	16.79	54.46	0.38	7.54	465.92	0.62	43.73
5.077	16.79	54.46	0.5	7.56	448.54	0.68	43.73
5.104	16.79	54.46	0.38	7.58	382.61	0.69	43.73
5.137	16.79	54.46	1.14	7.61	387.87	0.7	43.73
5.158	16.79	54.46	0.5	7.71	418.41	0.69	43.73
5.162	16.79	54.46	0.3	7.73	422.31	0.63	43.73
5.172	16.79	54.46	0.65	7.75	533.95	0.66	43.73
5.185	16.79	54.46	0.76	7.77	449.48	0.69	43.73
5.201	16.79	54.46	0.8	7.79	379.16	0.69	43.73
5.215	16.79	54.46	0.69	7.8	382.25	0.66	43.73
5.224	16.79	54.46	0.53	7.8	447.4	0.72	43.73
5.227	16.79	54.46	0.72	7.78	503.42	0.7	43.73
5.232	16.79	54.46	0.92	7.78	474.53	0.66	43.73
5.245	16.79	54.46	1.07	7.77	383.14	0.69	43.73
5.258	16.79	54.46	0.99	7.75	459.17	0.72	43.73
5.267	16.79	54.45	1.03	7.75	407.41	0.71	43.73
5.285	16.79	54.46	1.26	7.74	373.41	0.7	43.73
5.305	16.79	54.46	1.11	7.73	398.44	0.66	43.73
5.318	16.79	54.46	1.11	7.74	428.22	0.71	43.73
5.325	16.79	54.46	1.18	7.75	447.81	0.7	43.73
5.331	16.79	54.46	1.41	7.78	381.9	0.69	43.73
5.362	16.79	54.46	2.29	7.84	428.62	0.69	43.73
5.415	16.79	54.46	1.79	7.88	395.87	0.74	43.73
5.437	16.79	54.46	1.79	7.89	392.3	0.73	43.73
5.447	16.79	54.46	2.06	7.88	419.38	0.73	43.73
5.45	16.79	54.46	1.79	7.87	404.59	0.7	43.73
5.455	16.79	54.46	0.95	7.85	430.21	0.76	43.73
5.473	16.79	54.46	0.61	7.85	394.13	0.73	43.73
5.496	16.79	54.46	1.22	7.85	359.73	0.75	43.73
5.515	16.79	54.46	1.26	7.88	360.73	0.76	43.73
5.523	16.79	54.46	0.84	7.91	395.32	0.72	43.73
5.531	16.79	54.46	1.11	7.94	422.6	0.71	43.73
5.552	16.79	54.46	0.95	7.97	384.74	0.76	43.73
5.579	16.79	54.46	1.98	7.99	376.1	0.75	43.73
5.601	16.79	54.46	1.3	7.98	376.54	0.75	43.73
5.616	16.79	54.46	1.3	7.95	428.22	0.72	43.73
5.627	16.79	54.46	1.07	7.93	370.65	0.75	43.73
5.64	16.79	54.46	0.99	7.91	408.92	0.78	43.73
5.656	16.79	54.46	0.99	7.9	453.67	0.75	43.73
5.668	16.79	54.46	1.11	7.9	419.97	0.79	43.73
5.679	16.79	54.46	1.14	7.91	364.68	0.79	43.73
5.689	16.79	54.46	0.95	7.93	393.12	0.79	43.73
5.704	16.79	54.46	0.8	7.95	405.99	0.79	43.73
5.721	16.79	54.46	1.26	7.97	366.38	0.79	43.73
5.736	16.79	54.46	0.88	7.97	377.15	0.74	43.73
5.748	16.79	54.46	0.88	7.96	445.02	0.8	43.73
5.762	16.79	54.46	0.84	7.94	381.1	0.78	43.73
5.775	16.79	54.46	0.8	7.92	365.02	0.79	43.73
5.786	16.79	54.46	0.95	7.9	379.51	0.8	43.73
5.795	16.79	54.46	0.95	7.89	471.79	0.74	43.73
5.805	16.79	54.46	1.03	7.89	400.76	0.8	43.73
5.818	16.79	54.46	0.92	7.9	348.97	0.78	43.73
5.835	16.79	54.46	0.76	7.91	353.86	0.79	43.73
5.843	16.79	54.46	0.57	7.93	385.45	0.76	43.73

5.846	16.79	54.46	0.76	7.91	366.04	0.76	43.73
5.875	16.79	54.46	0.46	7.89	356.57	0.73	43.73
5.899	16.79	54.46	0.42	7.87	375.05	0.76	43.73
5.911	16.79	54.46	0.5	7.89	354.1	0.76	43.73
5.935	16.79	54.46	0.65	7.9	368.51	0.79	43.73
5.953	16.79	54.47	0.5	7.93	386.35	0.76	43.74
5.96	16.79	54.47	0.5	7.95	398.91	0.74	43.73
5.963	16.79	54.47	0.42	7.98	356.57	0.76	43.73
5.971	16.79	54.47	0.3	8.0	377.15	0.72	43.73
5.986	16.79	54.47	0.23	8.0	391.85	0.78	43.73
6.004	16.79	54.47	0.5	8.0	326.66	0.78	43.73
6.016	16.79	54.47	0.53	8.0	342.24	0.76	43.73
6.02	16.79	54.47	0.46	7.99	408.64	0.79	43.73
6.024	16.79	54.47	0.65	7.99	400.11	0.78	43.73
6.04	16.79	54.47	0.92	7.96	356.33	0.82	43.73
6.068	16.79	54.47	0.61	7.95	377.41	0.82	43.73
6.089	16.79	54.47	0.42	7.94	436.74	0.8	43.73
6.103	16.79	54.47	0.46	7.93	415.32	0.79	43.73
6.105	16.79	54.47	0.34	7.94	441.43	0.84	43.73
6.106	16.79	54.47	0.46	7.94	423.29	0.79	43.73
6.129	16.79	54.47	0.65	7.95	368.76	0.81	43.73
6.162	16.79	54.47	0.57	7.95	347.52	0.8	43.73
6.164	16.79	54.46	0.69	7.95	339.56	0.75	43.73
6.177	16.79	54.46	0.5	7.96	328.49	0.76	43.73
6.193	16.79	54.47	0.27	7.98	385.1	0.77	43.73
6.203	16.79	54.47	0.34	7.96	365.44	0.79	43.73
6.235	16.79	54.47	0.5	7.93	366.12	0.79	43.73
6.257	16.79	54.47	0.46	7.85	347.44	0.79	43.73
6.269	16.79	54.47	0.53	7.86	372.8	0.8	43.73
6.295	16.79	54.47	0.46	7.87	363.0	0.8	43.73
6.314	16.79	54.47	0.53	7.88	353.94	0.8	43.73
6.319	16.79	54.47	0.38	7.9	353.2	0.82	43.73
6.32	16.8	54.47	0.42	7.92	345.03	0.79	43.73
6.331	16.8	54.47	0.42	7.95	335.41	0.8	43.73
6.346	16.8	54.47	0.46	7.97	371.16	0.77	43.73
6.361	16.8	54.47	0.42	7.98	404.4	0.79	43.74
6.375	16.8	54.47	0.46	7.99	387.07	0.82	43.73
6.389	16.8	54.47	0.65	7.99	379.43	0.81	43.74
6.406	16.8	54.47	0.42	7.98	345.19	0.8	43.73
6.422	16.8	54.47	0.53	7.97	345.27	0.82	43.73
6.436	16.8	54.47	0.27	7.97	405.43	0.81	43.73
6.437	16.8	54.48	0.38	7.97	362.91	0.84	43.74
6.449	16.8	54.48	0.3	8.02	366.97	0.8	43.73
6.459	16.8	54.48	0.57	8.03	358.4	0.79	43.73
6.489	16.81	54.48	0.5	8.03	370.99	0.82	43.73
6.518	16.81	54.49	0.42	8.02	346.55	0.81	43.74
6.531	16.81	54.49	0.38	8.0	329.78	0.85	43.74
6.54	16.81	54.49	0.42	7.98	328.94	0.82	43.74
6.553	16.81	54.5	0.3	7.96	347.76	0.81	43.74
6.573	16.82	54.5	0.38	7.95	348.65	0.82	43.74
6.591	16.81	54.49	0.42	8.0	352.63	0.8	43.73
6.601	16.81	54.49	0.53	8.03	356.74	0.83	43.73
6.619	16.81	54.49	0.5	8.12	328.64	0.78	43.73
6.626	16.81	54.49	0.3	8.12	338.22	0.79	43.73
6.647	16.81	54.49	0.53	8.11	372.37	0.81	43.73
6.657	16.81	54.49	0.38	8.1	381.37	0.78	43.73



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/m ³)	Salinidad (PSU)
MÍNIMO	16.42	53.7	0.0	5.56	377.5	0.49	43.32
PROF (metros)	0.725	0.836	0.708	2.222	2.15	0.742	0.955
MÁXIMO	16.63	16.63	2.98	8.36	4067.9	0.79	43.66
PROF (metros)	5.881	5.454	1.63	5.793	1.264	4.001	5.454

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	16.47	53.74	0.74	6.29	1168.8	0.52	43.42
1 - 2m	16.52	53.83	1.45	6.16	941.57	0.57	43.45
2 - 3m	16.58	53.96	1.65	5.92	733.09	0.62	43.51
3 - 4m	16.6	54.11	1.44	7.11	658.58	0.65	43.62
4 - 5m	16.6	54.14	1.03	8.2	530.05	0.65	43.64
5 - 6m	16.61	54.16	0.58	8.29	450.01	0.7	43.65

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)
0.7	16.51	53.8	1.22	6.33	1367.6	0.5	43.44
0.704	16.5	53.77	1.14	6.33	1169.8	0.55	43.42
0.708	16.46	53.75	0.0	6.47	1927.3	0.5	43.45
0.71	16.45	53.78	0.46	6.46	1173.6	0.5	43.48
0.711	16.44	53.77	1.76	6.44	1183.2	0.55	43.49
0.715	16.43	53.74	0.0	6.41	1010.7	0.5	43.47
0.72	16.43	53.77	1.72	6.37	1105.8	0.52	43.5
0.725	16.42	53.78	0.0	6.34	802.89	0.52	43.52
0.729	16.43	53.76	0.57	6.33	1105.3	0.53	43.48
0.731	16.43	53.74	0.5	6.36	1250.0	0.51	43.47
0.742	16.44	53.74	0.5	6.4	1035.8	0.49	43.46
0.754	16.44	53.72	0.42	6.43	1078.4	0.5	43.44
0.764	16.44	53.72	0.53	6.46	1071.2	0.49	43.44
0.776	16.45	53.73	0.53	6.47	1337.5	0.52	43.45
0.784	16.45	53.71	0.69	6.46	1209.3	0.49	43.42
0.795	16.45	53.72	0.72	6.43	1343.1	0.51	43.43
0.817	16.45	53.72	0.76	6.38	1145.4	0.53	43.43
0.836	16.46	53.7	0.95	6.33	1012.3	0.53	43.41
0.852	16.46	53.73	0.8	6.28	1217.1	0.53	43.43
0.865	16.47	53.74	0.69	6.23	1047.6	0.53	43.44
0.876	16.48	53.71	0.53	6.19	1138.0	0.5	43.38
0.889	16.49	53.71	0.57	6.16	1168.2	0.52	43.38
0.906	16.51	53.73	0.53	6.12	1149.4	0.56	43.38
0.915	16.52	53.73	0.42	5.98	929.55	0.52	43.36
0.919	16.53	53.71	0.46	5.95	1490.1	0.54	43.34
0.937	16.53	53.77	0.46	5.93	1142.8	0.52	43.38
0.955	16.54	53.71	0.5	5.92	955.99	0.55	43.32
0.968	16.54	53.73	0.53	5.93	1504.7	0.57	43.34
0.979	16.53	53.78	0.72	5.94	1154.8	0.56	43.4
0.981	16.52	53.79	0.42	6.01	1039.2	0.53	43.42
0.982	16.51	53.77	0.42	6.05	1121.3	0.53	43.41
0.984	16.48	53.74	0.65	6.39	1225.6	0.5	43.41
0.985	16.44	53.8	1.03	6.72	1359.4	0.53	43.52
0.986	16.44	53.74	0.88	6.75	1152.4	0.54	43.46
0.99	16.44	53.73	1.45	6.64	1017.3	0.54	43.45
1.004	16.44	53.77	0.99	6.58	949.59	0.5	43.49

1.034	16.43	53.79	0.65	6.53	1014.9	0.53	43.51
1.063	16.43	53.74	0.5	6.47	996.95	0.6	43.47
1.08	16.43	53.77	0.84	6.42	812.63	0.54	43.5
1.091	16.43	53.81	0.8	6.39	1324.9	0.57	43.54
1.098	16.44	53.76	0.76	6.36	1233.6	0.53	43.48
1.101	16.46	53.75	0.57	6.34	958.21	0.55	43.45
1.104	16.46	53.8	0.69	6.34	834.39	0.54	43.49
1.11	16.46	53.78	1.95	6.35	719.53	0.57	43.48
1.119	16.46	53.74	2.56	6.4	1442.5	0.58	43.43
1.124	16.46	53.8	2.1	6.46	1446.5	0.56	43.49
1.133	16.45	53.8	2.36	6.52	1079.4	0.57	43.51
1.143	16.45	53.74	1.87	6.58	1166.1	0.53	43.45
1.155	16.46	53.78	1.95	6.6	1058.6	0.55	43.48
1.163	16.45	53.8	1.6	6.63	1030.1	0.55	43.51
1.172	16.45	53.78	1.72	6.65	1090.0	0.53	43.49
1.184	16.45	53.76	1.76	6.65	828.22	0.51	43.47
1.196	16.45	53.8	1.64	6.63	1023.6	0.5	43.5
1.205	16.45	53.79	1.45	6.6	739.48	0.54	43.49
1.214	16.45	53.77	1.22	6.56	1611.9	0.5	43.47
1.221	16.46	53.77	1.37	6.52	760.68	0.55	43.46
1.223	16.47	53.79	1.11	6.45	747.4	0.55	43.48
1.224	16.48	53.79	0.95	6.38	888.06	0.56	43.46
1.232	16.49	53.76	1.03	6.3	1221.9	0.55	43.43
1.246	16.49	53.78	0.88	6.23	1022.5	0.61	43.44
1.257	16.49	53.77	0.84	6.16	928.05	0.55	43.44
1.264	16.49	53.79	0.95	6.1	4067.9	0.57	43.45
1.266	16.5	53.8	0.92	6.03	633.85	0.56	43.45
1.272	16.5	53.77	0.88	5.99	1356.6	0.56	43.41
1.278	16.51	53.8	1.03	5.95	957.32	0.56	43.44
1.292	16.52	53.8	1.07	5.92	993.72	0.53	43.43
1.301	16.53	53.76	0.69	5.88	935.82	0.54	43.38
1.303	16.53	53.84	0.69	5.82	917.35	0.57	43.46
1.31	16.52	53.79	0.65	5.8	872.36	0.57	43.42
1.326	16.52	53.8	0.69	5.78	1931.8	0.59	43.43
1.346	16.53	53.84	0.95	5.77	629.75	0.6	43.45
1.367	16.54	53.83	0.8	5.76	1162.3	0.57	43.43
1.384	16.54	53.79	0.72	5.75	802.71	0.66	43.39
1.392	16.55	53.82	0.69	5.74	839.62	0.6	43.41
1.394	16.53	53.82	0.69	5.74	863.31	0.55	43.44
1.397	16.53	53.85	0.57	5.75	745.84	0.56	43.47
1.4	16.52	53.8	0.72	5.76	977.73	0.58	43.42
1.407	16.52	53.81	1.03	5.8	677.76	0.58	43.43
1.417	16.52	53.85	2.33	5.84	558.89	0.6	43.47
1.429	16.52	53.82	2.9	5.89	671.04	0.59	43.44
1.446	16.52	53.8	1.37	5.94	1849.8	0.6	43.43
1.465	16.53	53.84	0.84	6.0	592.51	0.61	43.46
1.477	16.54	53.84	0.69	6.06	1159.6	0.56	43.44
1.483	16.54	53.81	1.18	6.13	837.88	0.61	43.42
1.485	16.54	53.84	1.37	6.2	822.48	0.61	43.44
1.495	16.54	53.85	1.18	6.26	1761.9	0.57	43.45
1.508	16.55	53.81	1.03	6.31	707.29	0.6	43.41
1.519	16.55	53.83	1.26	6.36	876.61	0.59	43.42
1.526	16.55	53.85	0.92	6.4	985.69	0.57	43.44
1.534	16.56	53.83	0.92	6.42	616.61	0.6	43.42
1.542	16.56	53.82	1.26	6.42	840.6	0.59	43.4
1.551	16.56	53.86	1.34	6.41	514.87	0.53	43.44
1.562	16.56	53.85	0.99	6.39	798.81	0.58	43.42
1.574	16.56	53.81	1.03	6.36	1137.5	0.59	43.39

1.583	16.57	53.85	1.45	6.31	442.86	0.56	43.42
1.587	16.56	53.88	1.07	6.27	773.66	0.56	43.45
1.594	16.56	53.85	0.95	6.23	590.18	0.52	43.42
1.604	16.56	53.83	0.95	6.18	478.95	0.54	43.41
1.614	16.56	53.85	0.92	6.14	948.27	0.56	43.43
1.622	16.57	53.86	0.84	6.11	1448.6	0.55	43.43
1.63	16.57	53.86	2.98	6.06	565.41	0.57	43.43
1.704	16.58	53.86	2.59	5.88	476.51	0.57	43.42
1.717	16.58	53.85	2.25	5.89	880.69	0.6	43.41
1.724	16.58	53.88	1.76	5.91	591.14	0.59	43.44
1.729	16.58	53.9	1.91	5.92	572.0	0.59	43.45
1.735	16.58	53.85	1.91	5.94	657.95	0.56	43.4
1.744	16.58	53.87	1.64	5.94	557.99	0.59	43.42
1.755	16.58	53.92	1.91	5.95	720.53	0.6	43.47
1.762	16.59	53.87	2.44	5.94	1310.5	0.52	43.42
1.768	16.59	53.84	2.25	5.94	549.9	0.54	43.39
1.777	16.59	53.9	2.02	5.93	386.62	0.56	43.44
1.792	16.58	53.92	2.56	5.92	1279.9	0.57	43.47
1.807	16.57	53.85	2.17	5.9	544.7	0.55	43.42
1.819	16.57	53.9	2.02	5.89	670.42	0.57	43.46
1.829	16.57	53.93	1.41	5.87	914.17	0.58	43.5
1.837	16.56	53.87	1.76	5.87	686.14	0.59	43.44
1.843	16.56	53.88	2.63	5.89	546.47	0.61	43.45
1.852	16.56	53.94	2.59	5.91	482.4	0.61	43.51
1.861	16.55	53.88	2.14	5.95	1463.1	0.59	43.47
1.867	16.55	53.86	2.48	6.0	767.06	0.62	43.44
1.874	16.55	53.93	2.63	6.05	671.51	0.59	43.52
1.882	16.54	53.92	2.67	6.11	526.57	0.56	43.52
1.963	16.53	53.93	2.94	6.51	1105.3	0.58	43.53
1.967	16.53	53.89	2.48	6.53	1789.5	0.58	43.49
1.977	16.54	53.91	1.45	6.56	684.39	0.63	43.51
1.99	16.54	53.93	1.56	6.58	572.4	0.59	43.53
2.004	16.54	53.89	1.18	6.6	1642.8	0.58	43.49
2.016	16.54	53.91	1.11	6.59	448.85	0.56	43.5
2.028	16.54	53.93	0.95	6.57	779.42	0.62	43.52
2.039	16.55	53.91	0.8	6.52	552.07	0.6	43.49
2.048	16.55	53.92	0.99	6.47	556.18	0.58	43.5
2.061	16.55	53.93	1.22	6.41	885.19	0.58	43.52
2.073	16.55	53.89	1.3	6.35	726.4	0.56	43.48
2.081	16.55	53.91	1.18	6.3	630.63	0.61	43.5
2.089	16.55	53.95	1.03	6.24	574.66	0.6	43.53
2.098	16.55	53.94	0.72	6.19	1085.5	0.65	43.52
2.107	16.56	53.91	0.76	6.16	545.58	0.6	43.49
2.115	16.56	53.91	1.14	6.11	481.62	0.59	43.49
2.122	16.56	53.91	1.56	6.06	750.87	0.6	43.48
2.132	16.56	53.92	0.88	6.01	483.86	0.63	43.49
2.141	16.57	53.92	1.07	5.96	501.32	0.63	43.48
2.146	16.57	53.91	1.22	5.9	404.59	0.63	43.47
2.15	16.57	53.93	0.95	5.85	377.5	0.59	43.49
2.154	16.57	53.92	0.92	5.79	962.89	0.62	43.48
2.161	16.57	53.92	1.18	5.73	468.95	0.65	43.48
2.173	16.57	53.92	1.03	5.69	1399.1	0.62	43.49
2.183	16.57	53.9	0.99	5.65	520.75	0.63	43.47
2.191	16.57	53.92	0.8	5.62	844.31	0.63	43.48
2.2	16.57	53.96	1.14	5.59	1094.3	0.6	43.51
2.211	16.58	53.93	1.64	5.57	504.71	0.63	43.49
2.222	16.58	53.9	1.56	5.56	1293.9	0.63	43.46
2.232	16.58	53.94	1.95	5.57	520.14	0.6	43.49

2.24	16.58	53.94	1.91	5.58	685.34	0.61	43.49
2.245	16.58	53.93	2.82	5.59	442.14	0.6	43.48
2.261	16.58	53.94	2.4	5.62	810.37	0.63	43.48
2.275	16.59	53.93	2.02	5.63	775.82	0.6	43.47
2.293	16.59	53.93	1.79	5.63	608.51	0.59	43.47
2.309	16.59	53.94	1.87	5.63	406.65	0.58	43.48
2.316	16.59	53.95	2.36	5.62	832.84	0.55	43.49
2.324	16.59	53.96	2.98	5.61	681.07	0.6	43.5
2.334	16.59	53.94	2.17	5.6	1809.1	0.61	43.48
2.345	16.59	53.93	2.21	5.6	421.63	0.61	43.47
2.358	16.59	53.97	1.95	5.6	667.16	0.61	43.51
2.375	16.59	53.96	1.72	5.61	1292.4	0.61	43.5
2.386	16.59	53.92	1.64	5.64	721.53	0.63	43.46
2.394	16.59	53.95	1.64	5.67	601.5	0.66	43.48
2.403	16.59	53.97	1.6	5.71	456.51	0.64	43.51
2.414	16.59	53.94	1.6	5.75	681.38	0.63	43.48
2.427	16.59	53.94	1.34	5.78	762.98	0.66	43.48
2.439	16.59	53.96	0.92	5.8	948.71	0.6	43.5
2.453	16.59	53.98	1.41	5.82	767.59	0.6	43.51
2.468	16.59	53.97	1.87	5.83	1300.9	0.64	43.51
2.484	16.59	53.96	2.86	5.83	441.73	0.63	43.51
2.567	16.59	53.97	2.9	5.82	446.67	0.63	43.5
2.579	16.59	53.98	2.4	5.83	1012.3	0.64	43.52
2.587	16.59	53.99	1.91	5.84	564.36	0.63	43.52
2.596	16.59	54.0	1.91	5.85	566.98	0.64	43.53
2.606	16.59	54.0	1.91	5.85	677.29	0.56	43.53
2.612	16.59	53.97	1.95	5.85	541.3	0.57	43.5
2.615	16.59	53.97	1.79	5.85	524.38	0.6	43.5
2.617	16.59	54.01	1.76	5.85	439.79	0.58	43.54
2.623	16.59	53.99	2.14	5.84	810.37	0.61	43.52
2.632	16.59	53.99	1.76	5.85	1107.3	0.59	43.52
2.64	16.59	53.99	1.49	5.86	459.38	0.58	43.52
2.647	16.6	53.96	1.98	5.87	1475.7	0.6	43.49
2.654	16.6	53.99	1.83	5.88	630.48	0.61	43.51
2.665	16.6	54.02	1.14	5.89	669.8	0.66	43.54
2.68	16.6	53.97	1.14	5.9	1155.6	0.61	43.5
2.695	16.6	53.96	1.76	5.9	900.71	0.64	43.49
2.708	16.59	53.99	1.18	5.9	719.19	0.61	43.52
2.717	16.59	54.01	0.99	5.9	491.66	0.6	43.54
2.726	16.59	53.99	1.14	5.89	1109.6	0.63	43.53
2.739	16.59	53.99	1.11	5.89	897.38	0.58	43.53
2.751	16.59	54.01	1.14	5.89	474.09	0.63	43.54
2.76	16.59	53.99	1.18	5.91	577.46	0.67	43.53
2.768	16.59	54.01	1.22	5.94	486.67	0.64	43.55
2.782	16.59	54.03	0.99	5.97	754.89	0.62	43.57
2.799	16.59	54.0	0.92	6.01	696.07	0.64	43.53
2.818	16.59	53.99	1.37	6.05	544.32	0.65	43.52
2.839	16.59	54.02	2.02	6.09	610.21	0.63	43.55
2.856	16.59	54.02	1.87	6.12	962.89	0.62	43.54
2.868	16.6	53.99	1.49	6.14	804.94	0.62	43.52
2.876	16.6	54.01	1.41	6.15	459.38	0.6	43.54
2.886	16.6	54.04	1.72	6.15	890.13	0.66	43.56
2.9	16.6	54.01	2.1	6.15	559.02	0.65	43.54
2.911	16.6	54.0	1.91	6.14	781.96	0.67	43.52
2.916	16.6	53.99	2.17	6.13	698.33	0.66	43.52
2.926	16.6	54.04	2.71	6.11	1043.5	0.66	43.56
2.938	16.6	54.02	2.9	6.1	511.54	0.63	43.54
2.948	16.6	53.99	2.94	6.08	560.45	0.68	43.52

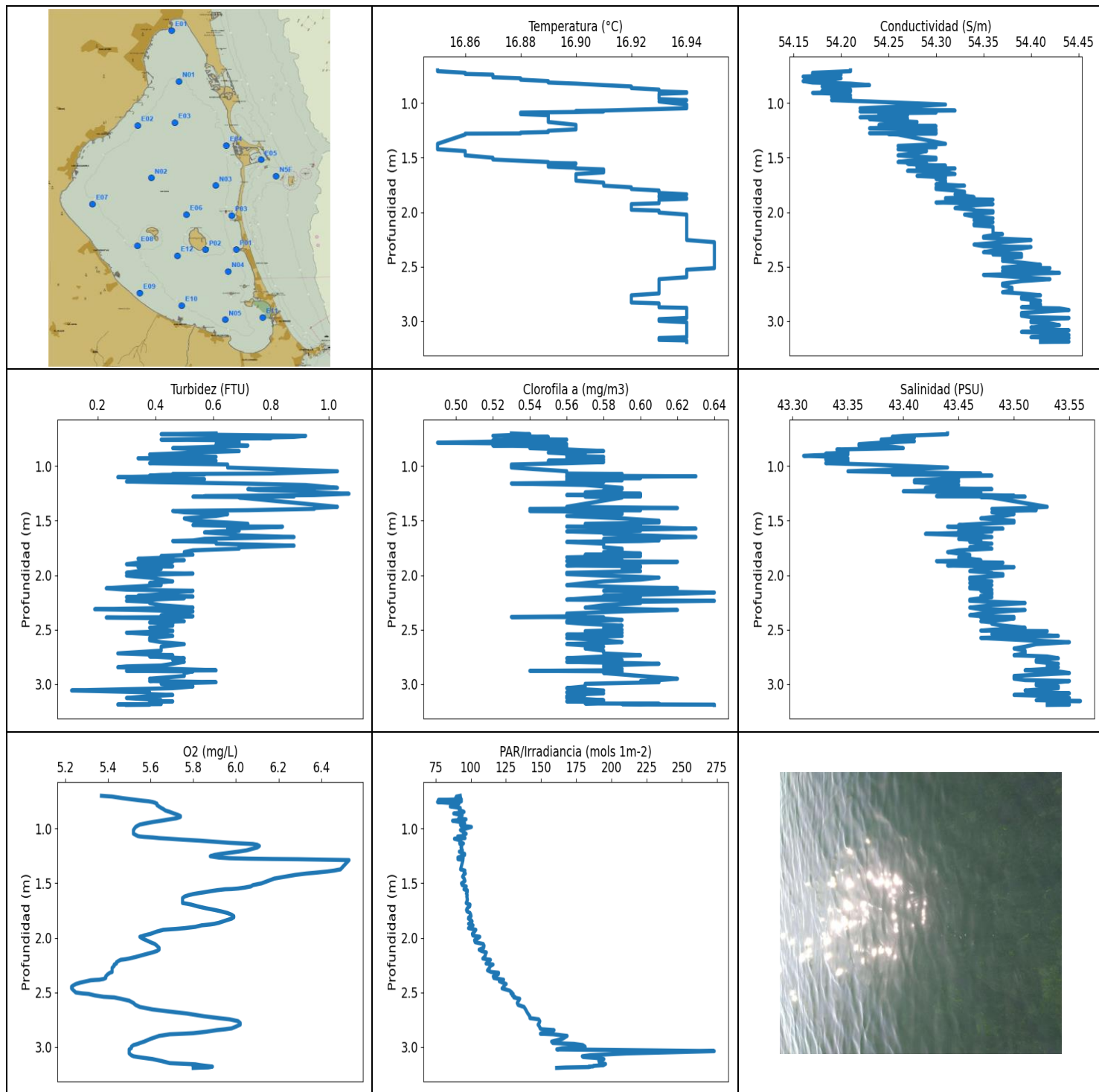
2.955	16.6	54.0	2.21	6.07	990.96	0.66	43.53
2.959	16.6	54.04	2.75	6.04	492.34	0.67	43.56
2.968	16.6	54.02	2.82	6.03	789.97	0.71	43.55
2.979	16.6	54.01	2.06	6.0	586.22	0.66	43.53
2.99	16.6	54.01	2.06	5.99	617.46	0.66	43.54
3.003	16.6	54.02	1.22	5.98	828.22	0.66	43.55
3.015	16.6	54.03	0.8	5.97	582.16	0.65	43.55
3.029	16.6	54.03	1.34	5.96	1112.2	0.63	43.56
3.041	16.6	54.02	1.49	5.95	534.07	0.64	43.54
3.052	16.6	54.03	1.98	5.94	667.01	0.64	43.56
3.065	16.6	54.05	1.45	5.92	671.35	0.58	43.57
3.08	16.6	54.02	1.53	5.91	580.14	0.64	43.54
3.088	16.6	54.04	1.22	5.9	657.34	0.59	43.56
3.099	16.6	54.07	1.76	5.91	534.19	0.6	43.59
3.112	16.6	54.05	1.45	5.93	971.63	0.62	43.57
3.126	16.59	54.05	1.26	5.96	1073.2	0.62	43.58
3.138	16.6	54.08	1.68	6.0	945.63	0.61	43.6
3.147	16.6	54.07	1.83	6.04	497.04	0.63	43.59
3.154	16.6	54.08	1.83	6.08	690.29	0.64	43.6
3.166	16.6	54.09	2.02	6.1	692.37	0.64	43.61
3.18	16.6	54.09	2.44	6.12	502.49	0.63	43.61
3.19	16.6	54.09	2.17	6.14	827.26	0.6	43.61
3.197	16.6	54.09	1.87	6.17	721.53	0.64	43.61
3.203	16.6	54.1	2.29	6.19	550.92	0.61	43.62
3.21	16.6	54.1	2.1	6.22	622.35	0.63	43.62
3.221	16.6	54.09	1.18	6.25	772.23	0.66	43.61
3.233	16.6	54.09	1.26	6.3	659.32	0.69	43.6
3.242	16.6	54.1	1.41	6.36	720.86	0.67	43.62
3.249	16.6	54.11	1.37	6.4	851.38	0.67	43.62
3.259	16.6	54.11	1.41	6.43	469.71	0.63	43.62
3.272	16.6	54.11	1.98	6.45	870.94	0.66	43.62
3.283	16.6	54.11	2.36	6.47	485.77	0.66	43.62
3.289	16.6	54.11	2.52	6.47	459.91	0.61	43.63
3.295	16.6	54.12	2.48	6.46	683.6	0.66	43.63
3.311	16.6	54.12	2.71	6.45	636.06	0.66	43.63
3.326	16.6	54.12	1.91	6.45	921.62	0.64	43.63
3.335	16.6	54.11	1.98	6.47	842.74	0.65	43.63
3.344	16.6	54.12	1.49	6.48	563.58	0.66	43.63
3.354	16.6	54.12	1.56	6.51	664.85	0.66	43.63
3.365	16.6	54.12	1.91	6.55	879.05	0.64	43.63
3.373	16.6	54.12	1.53	6.6	792.72	0.65	43.63
3.382	16.6	54.12	1.11	6.67	757.69	0.67	43.63
3.392	16.6	54.12	1.22	6.74	627.27	0.66	43.63
3.402	16.6	54.12	1.37	6.81	481.62	0.6	43.64
3.411	16.6	54.12	1.26	6.9	656.27	0.64	43.64
3.42	16.6	54.12	1.49	6.98	587.45	0.6	43.64
3.431	16.6	54.12	1.34	7.07	512.49	0.63	43.64
3.445	16.6	54.12	1.03	7.17	787.23	0.63	43.64
3.46	16.6	54.12	0.92	7.26	653.09	0.64	43.64
3.472	16.6	54.12	0.72	7.34	474.09	0.63	43.64
3.481	16.6	54.12	1.07	7.41	618.04	0.66	43.64
3.496	16.6	54.12	1.11	7.47	866.71	0.71	43.64
3.513	16.6	54.12	1.03	7.5	604.02	0.66	43.64
3.53	16.6	54.13	0.99	7.53	662.39	0.63	43.64
3.548	16.6	54.13	0.72	7.56	517.02	0.65	43.64
3.569	16.6	54.13	0.88	7.58	566.06	0.75	43.64
3.588	16.6	54.13	1.41	7.63	797.15	0.71	43.64
3.598	16.6	54.13	0.84	7.64	572.0	0.67	43.64

3.603	16.6	54.13	0.92	7.68	492.69	0.64	43.64
3.61	16.6	54.13	0.69	7.74	610.07	0.69	43.64
3.62	16.6	54.13	1.11	7.79	689.49	0.67	43.64
3.629	16.6	54.13	1.64	7.84	596.37	0.64	43.64
3.635	16.6	54.13	1.41	7.88	848.62	0.66	43.64
3.642	16.6	54.13	1.37	7.92	585.82	0.65	43.64
3.648	16.6	54.13	1.68	7.95	577.19	0.66	43.64
3.659	16.6	54.13	1.95	7.95	523.9	0.66	43.64
3.672	16.6	54.13	1.83	7.93	867.72	0.69	43.64
3.689	16.6	54.13	1.56	7.9	606.12	0.66	43.64
3.705	16.6	54.13	1.6	7.86	548.24	0.66	43.64
3.715	16.6	54.13	1.49	7.81	690.45	0.62	43.64
3.725	16.6	54.13	1.22	7.77	746.36	0.63	43.64
3.741	16.6	54.13	1.41	7.75	553.48	0.62	43.64
3.755	16.6	54.13	1.68	7.73	496.47	0.61	43.64
3.768	16.6	54.13	1.22	7.72	709.92	0.63	43.64
3.779	16.6	54.13	1.26	7.72	573.72	0.63	43.64
3.787	16.6	54.13	1.41	7.72	427.23	0.62	43.64
3.794	16.6	54.13	1.76	7.74	772.59	0.63	43.64
3.8	16.6	54.13	1.83	7.77	680.12	0.66	43.64
3.808	16.6	54.13	1.68	7.8	471.57	0.6	43.64
3.817	16.6	54.13	1.45	7.83	685.5	0.58	43.64
3.829	16.6	54.13	1.37	7.86	655.82	0.61	43.64
3.838	16.6	54.13	1.18	7.88	619.9	0.63	43.64
3.845	16.6	54.13	1.26	7.9	768.48	0.68	43.64
3.852	16.6	54.13	1.49	7.91	520.87	0.66	43.64
3.862	16.6	54.13	0.76	7.93	692.21	0.69	43.64
3.873	16.6	54.13	0.76	7.94	687.57	0.76	43.64
3.882	16.6	54.13	0.61	7.95	464.09	0.74	43.64
3.888	16.6	54.13	0.72	7.98	493.94	0.68	43.64
3.896	16.6	54.13	0.76	8.0	663.92	0.69	43.64
3.908	16.6	54.13	1.03	8.03	759.45	0.71	43.64
3.919	16.6	54.13	1.03	8.04	545.46	0.78	43.64
3.928	16.6	54.13	1.53	8.05	724.55	0.74	43.64
3.934	16.6	54.13	1.53	8.04	522.44	0.71	43.64
3.944	16.6	54.13	1.53	8.02	468.19	0.7	43.64
3.963	16.6	54.13	1.3	8.01	743.6	0.69	43.64
3.981	16.6	54.13	1.18	8.01	664.23	0.66	43.64
3.992	16.6	54.13	1.26	8.0	564.62	0.73	43.64
4.001	16.6	54.13	1.49	7.98	513.79	0.79	43.65
4.012	16.6	54.14	1.41	7.95	436.64	0.68	43.65
4.027	16.6	54.14	1.49	7.94	588.13	0.67	43.64
4.04	16.6	54.13	1.91	7.93	531.35	0.67	43.64
4.053	16.6	54.13	1.6	7.93	478.17	0.64	43.64
4.064	16.6	54.13	1.98	7.94	485.09	0.63	43.64
4.07	16.6	54.14	1.76	7.96	701.9	0.63	43.65
4.08	16.6	54.14	1.49	7.98	597.06	0.65	43.65
4.092	16.6	54.14	1.49	8.02	688.37	0.63	43.65
4.107	16.6	54.14	1.76	8.06	585.55	0.63	43.65
4.117	16.6	54.14	1.68	8.09	533.95	0.64	43.65
4.124	16.6	54.14	1.37	8.11	666.08	0.61	43.64
4.133	16.6	54.14	1.6	8.11	506.93	0.58	43.64
4.144	16.6	54.14	1.56	8.12	556.82	0.65	43.64
4.154	16.6	54.14	1.72	8.11	502.6	0.57	43.64
4.163	16.6	54.14	2.1	8.11	612.05	0.63	43.65
4.172	16.6	54.14	1.45	8.12	514.03	0.66	43.65
4.186	16.6	54.14	0.95	8.14	479.39	0.65	43.65
4.201	16.61	54.14	1.11	8.17	612.9	0.65	43.64

4.219	16.61	54.14	1.14	8.18	519.54	0.63	43.64
4.234	16.6	54.14	1.14	8.2	611.62	0.66	43.64
4.244	16.6	54.14	0.92	8.21	536.8	0.62	43.64
4.259	16.6	54.14	0.69	8.19	520.63	0.63	43.64
4.27	16.6	54.14	0.99	8.17	614.75	0.65	43.64
4.279	16.6	54.14	1.11	8.15	601.36	0.65	43.64
4.291	16.6	54.14	0.88	8.15	486.33	0.69	43.64
4.301	16.6	54.14	1.22	8.14	536.18	0.68	43.64
4.312	16.6	54.14	1.14	8.16	568.56	0.69	43.64
4.325	16.6	54.14	0.92	8.18	631.65	0.64	43.64
4.337	16.6	54.14	0.72	8.21	503.54	0.64	43.64
4.346	16.6	54.14	0.88	8.24	528.9	0.65	43.64
4.355	16.6	54.14	1.14	8.25	572.26	0.63	43.64
4.37	16.6	54.14	0.92	8.27	487.46	0.68	43.64
4.392	16.6	54.13	0.99	8.28	574.12	0.64	43.64
4.412	16.6	54.14	1.07	8.28	649.01	0.66	43.64
4.429	16.6	54.14	0.99	8.27	526.94	0.65	43.65
4.447	16.6	54.14	0.88	8.26	476.84	0.66	43.64
4.459	16.6	54.14	0.57	8.26	628.44	0.67	43.64
4.468	16.6	54.14	0.69	8.26	616.32	0.62	43.64
4.478	16.6	54.14	0.88	8.27	453.56	0.68	43.64
4.489	16.6	54.14	0.8	8.27	543.44	0.66	43.64
4.501	16.6	54.14	0.65	8.28	600.81	0.62	43.65
4.511	16.6	54.14	1.14	8.29	571.34	0.66	43.65
4.52	16.6	54.15	1.14	8.28	529.14	0.65	43.65
4.528	16.61	54.14	0.72	8.26	545.71	0.61	43.65
4.534	16.61	54.14	0.84	8.26	546.97	0.64	43.64
4.538	16.61	54.14	0.65	8.25	513.44	0.64	43.65
4.545	16.61	54.14	0.61	8.25	536.8	0.66	43.65
4.553	16.61	54.14	0.65	8.25	478.28	0.67	43.64
4.56	16.61	54.14	0.69	8.25	485.43	0.68	43.64
4.568	16.61	54.15	0.76	8.25	555.66	0.69	43.65
4.578	16.61	54.15	0.57	8.24	513.68	0.62	43.65
4.591	16.61	54.14	1.18	8.23	576.79	0.63	43.64
4.605	16.61	54.14	0.88	8.24	472.23	0.68	43.64
4.622	16.61	54.14	0.95	8.23	479.39	0.68	43.64
4.641	16.61	54.14	0.84	8.23	645.56	0.69	43.64
4.656	16.61	54.14	0.88	8.23	497.85	0.67	43.64
4.67	16.61	54.14	0.72	8.24	433.42	0.67	43.65
4.683	16.61	54.14	0.69	8.25	488.82	0.69	43.65
4.698	16.61	54.15	0.5	8.25	506.35	0.7	43.65
4.717	16.61	54.15	0.61	8.26	484.98	0.69	43.65
4.736	16.61	54.14	0.88	8.26	545.96	0.72	43.64
4.747	16.61	54.14	0.72	8.27	536.68	0.71	43.64
4.755	16.61	54.14	1.11	8.26	478.28	0.67	43.65
4.766	16.61	54.14	0.95	8.26	488.48	0.66	43.64
4.781	16.61	54.14	0.8	8.24	463.55	0.67	43.64
4.793	16.6	54.14	1.3	8.24	450.1	0.66	43.64
4.804	16.6	54.14	1.18	8.23	545.46	0.63	43.64
4.814	16.6	54.14	0.92	8.24	529.51	0.63	43.64
4.824	16.6	54.14	1.18	8.25	410.25	0.65	43.64
4.838	16.6	54.14	0.99	8.27	398.35	0.64	43.65
4.852	16.6	54.14	0.99	8.29	463.44	0.63	43.64
4.864	16.6	54.14	0.65	8.29	543.06	0.65	43.64
4.875	16.6	54.14	0.65	8.3	458.85	0.61	43.65
4.892	16.6	54.14	0.65	8.29	453.45	0.64	43.65
4.913	16.6	54.14	0.72	8.28	511.66	0.64	43.65
4.934	16.6	54.14	0.88	8.26	483.75	0.65	43.65

4.955	16.6	54.14	0.5	8.25	519.9	0.61	43.64
4.974	16.6	54.14	0.42	8.25	459.91	0.6	43.64
4.99	16.6	54.14	0.5	8.26	421.33	0.65	43.64
5.003	16.6	54.14	0.61	8.27	427.73	0.65	43.65
5.016	16.6	54.15	0.53	8.28	416.29	0.66	43.65
5.03	16.6	54.15	0.61	8.29	537.3	0.67	43.65
5.045	16.61	54.15	0.42	8.3	511.42	0.66	43.65
5.06	16.61	54.15	0.53	8.3	447.5	0.69	43.65
5.071	16.61	54.14	0.76	8.29	458.74	0.69	43.65
5.078	16.61	54.15	0.69	8.28	465.49	0.7	43.65
5.084	16.61	54.15	0.38	8.27	458.95	0.67	43.65
5.098	16.61	54.15	0.5	8.26	501.56	0.71	43.65
5.113	16.61	54.15	0.61	8.26	492.69	0.73	43.65
5.132	16.61	54.14	0.53	8.26	510.47	0.73	43.64
5.152	16.61	54.15	0.61	8.27	484.87	0.73	43.65
5.174	16.61	54.15	0.61	8.29	460.02	0.73	43.65
5.198	16.61	54.15	0.53	8.31	467.76	0.69	43.65
5.218	16.61	54.15	0.61	8.32	574.12	0.71	43.65
5.232	16.61	54.15	0.61	8.33	484.53	0.69	43.65
5.243	16.61	54.15	0.65	8.33	420.26	0.67	43.65
5.258	16.61	54.15	0.72	8.32	428.92	0.74	43.65
5.274	16.61	54.16	0.61	8.3	466.78	0.69	43.65
5.29	16.61	54.16	0.61	8.29	466.24	0.71	43.65
5.301	16.62	54.16	0.69	8.27	468.74	0.66	43.65
5.306	16.62	54.16	0.69	8.25	493.6	0.72	43.65
5.312	16.62	54.16	0.5	8.24	462.05	0.72	43.64
5.324	16.62	54.16	0.76	8.23	427.33	0.72	43.65
5.339	16.62	54.16	0.76	8.23	449.58	0.69	43.65
5.356	16.62	54.16	0.76	8.23	507.52	0.69	43.65
5.37	16.62	54.15	0.42	8.26	499.82	0.66	43.65
5.384	16.61	54.16	0.53	8.29	413.98	0.62	43.65
5.399	16.61	54.15	0.46	8.32	405.81	0.69	43.65
5.416	16.61	54.15	0.5	8.34	498.54	0.72	43.65
5.435	16.61	54.15	0.69	8.35	473.32	0.7	43.65
5.447	16.61	54.16	0.69	8.34	445.54	0.76	43.65
5.454	16.61	54.17	0.5	8.33	459.06	0.72	43.66
5.468	16.62	54.16	0.57	8.31	464.73	0.73	43.65
5.485	16.62	54.16	0.46	8.29	468.3	0.74	43.65
5.502	16.62	54.16	0.61	8.28	468.84	0.73	43.64
5.515	16.61	54.15	0.46	8.27	489.84	0.72	43.64
5.53	16.61	54.15	0.57	8.29	492.46	0.72	43.64
5.553	16.61	54.15	0.5	8.3	472.01	0.69	43.65
5.577	16.61	54.16	0.65	8.31	445.95	0.66	43.66
5.599	16.61	54.16	0.57	8.32	430.31	0.69	43.65
5.622	16.61	54.16	0.46	8.32	418.7	0.69	43.65
5.643	16.61	54.16	0.53	8.31	430.71	0.71	43.65
5.661	16.61	54.16	0.53	8.29	415.23	0.69	43.65
5.677	16.62	54.16	0.46	8.28	432.51	0.75	43.65
5.696	16.62	54.16	0.65	8.28	438.57	0.72	43.65
5.717	16.61	54.16	0.65	8.28	429.42	0.72	43.65
5.738	16.62	54.16	0.72	8.3	437.15	0.68	43.65
5.752	16.62	54.15	0.57	8.31	444.92	0.73	43.64
5.765	16.61	54.15	0.57	8.33	404.87	0.7	43.64
5.779	16.61	54.15	0.61	8.34	382.25	0.7	43.65
5.793	16.61	54.15	0.57	8.36	438.16	0.69	43.65
5.808	16.61	54.15	0.53	8.36	429.22	0.74	43.65
5.825	16.61	54.16	0.53	8.35	445.85	0.77	43.66
5.839	16.61	54.16	0.57	8.34	400.29	0.73	43.66

5.854	16.61	54.17	0.46	8.32	380.39	0.72	43.66
5.868	16.62	54.17	0.61	8.3	387.6	0.72	43.66
5.877	16.62	54.17	0.57	8.28	392.76	0.69	43.65
5.879	16.62	54.17	0.65	8.26	400.02	0.68	43.65
5.881	16.63	54.17	0.42	8.25	385.45	0.68	43.65
5.882	16.63	54.17	0.61	8.25	393.49	0.7	43.65
5.883	16.62	54.17	0.69	8.27	394.13	0.65	43.64



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	16.85	54.16	0.11	5.23	76.34	0.49	43.31
PROF (metros)	0.701	0.758	3.058	2.447	0.758	0.786	0.907
MÁXIMO	16.95	16.95	1.07	6.53	273.14	0.64	43.56
PROF (metros)	2.276	2.898	1.254	1.289	3.037	2.16	3.155

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	16.9	54.19	0.58	5.61	90.53	0.55	43.37
1 - 2m	16.9	54.29	0.61	5.93	96.3	0.58	43.46
2 - 3m	16.94	54.38	0.42	5.55	130.34	0.58	43.5
3 - 4m	16.94	54.42	0.38	5.7	186.79	0.58	43.53

OBSERVACIONES GENERALES

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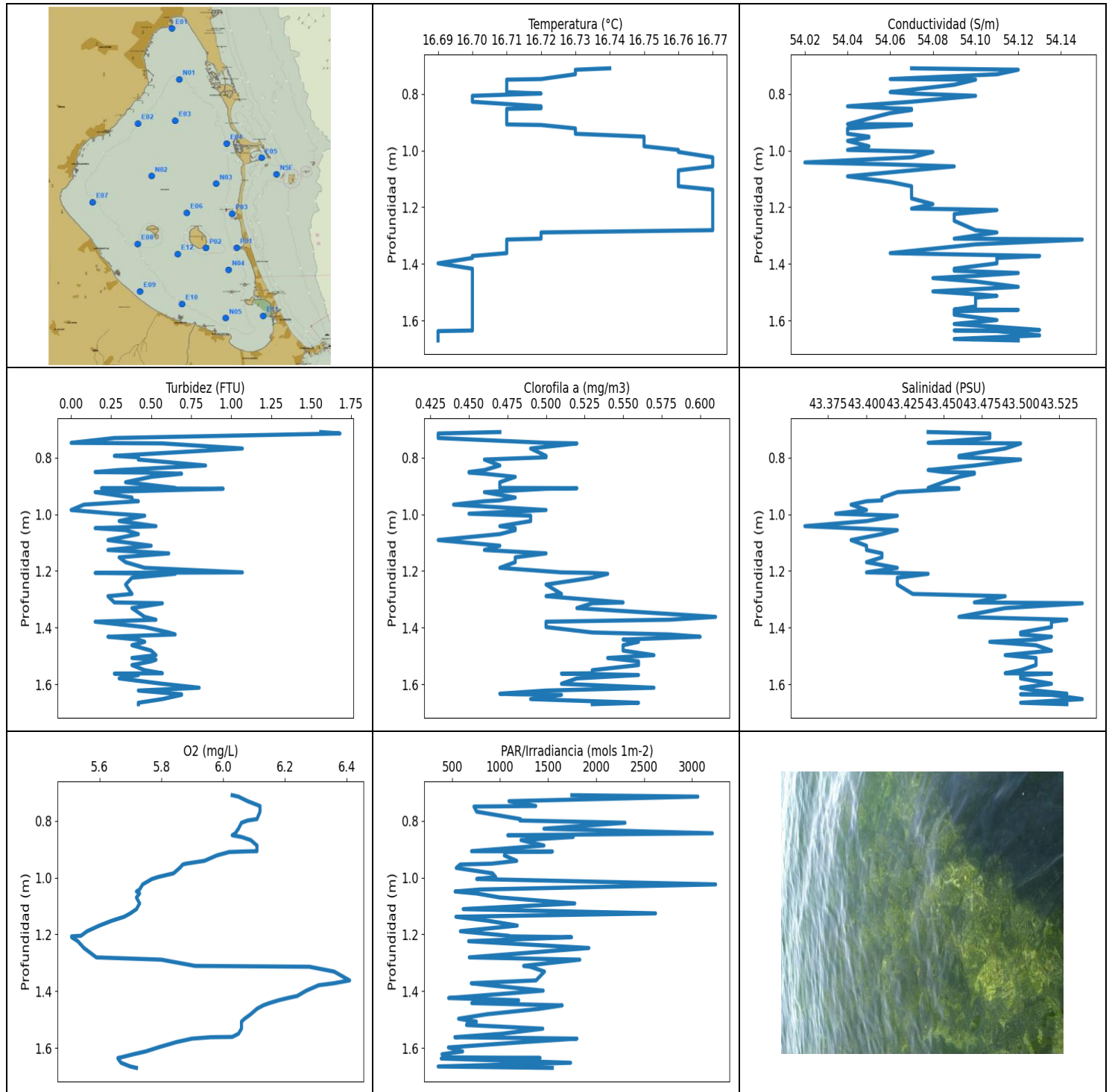
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	16.85	54.21	0.61	5.37	92.49	0.53	43.44
0.708	16.85	54.21	0.42	5.42	89.79	0.54	43.44
0.723	16.86	54.17	0.92	5.47	89.19	0.52	43.4
0.733	16.86	54.17	0.88	5.51	93.29	0.55	43.39
0.74	16.87	54.2	0.76	5.54	76.88	0.54	43.41
0.745	16.87	54.19	0.8	5.56	85.52	0.53	43.4
0.751	16.87	54.18	0.57	5.59	93.31	0.53	43.39
0.758	16.87	54.16	0.42	5.61	76.34	0.56	43.38
0.764	16.87	54.18	0.69	5.62	83.24	0.52	43.39
0.773	16.88	54.2	0.61	5.63	91.54	0.53	43.41
0.786	16.88	54.19	0.69	5.63	86.94	0.49	43.38
0.799	16.89	54.16	0.61	5.64	85.41	0.56	43.36
0.812	16.89	54.17	0.72	5.65	92.49	0.52	43.36
0.822	16.9	54.21	0.61	5.66	91.62	0.56	43.39
0.836	16.91	54.23	0.46	5.67	92.97	0.54	43.4
0.848	16.92	54.18	0.57	5.69	95.19	0.56	43.34
0.863	16.92	54.2	0.69	5.71	87.86	0.58	43.35
0.877	16.93	54.21	0.53	5.73	93.88	0.55	43.35
0.886	16.93	54.18	0.46	5.74	93.27	0.56	43.33
0.894	16.93	54.21	0.38	5.74	92.64	0.57	43.35
0.901	16.94	54.19	0.53	5.73	91.96	0.57	43.32
0.907	16.94	54.17	0.5	5.72	91.43	0.56	43.31
0.916	16.93	54.2	0.61	5.69	96.61	0.58	43.34
0.929	16.93	54.21	0.34	5.65	87.02	0.56	43.35
0.941	16.93	54.19	0.46	5.61	92.88	0.58	43.33
0.952	16.93	54.21	0.61	5.58	95.63	0.55	43.35
0.964	16.93	54.21	0.46	5.55	92.67	0.58	43.35
0.974	16.94	54.19	0.38	5.54	92.97	0.56	43.33
0.986	16.93	54.23	0.65	5.53	100.45	0.53	43.37
1.014	16.94	54.31	0.65	5.52	92.64	0.53	43.44
1.048	16.94	54.22	1.03	5.52	96.7	0.56	43.35
1.069	16.91	54.32	0.8	5.54	93.7	0.56	43.47
1.073	16.9	54.27	0.46	5.55	90.67	0.59	43.44
1.077	16.91	54.22	0.57	5.57	92.97	0.57	43.39
1.082	16.9	54.28	0.42	5.61	94.93	0.57	43.45
1.088	16.88	54.3	0.38	5.64	95.9	0.56	43.48
1.094	16.88	54.25	0.42	5.69	88.37	0.63	43.44
1.102	16.88	54.24	0.27	5.75	90.75	0.56	43.44

1.111	16.89	54.27	0.42	5.83	92.97	0.6	43.45
1.121	16.89	54.25	0.57	5.9	92.88	0.56	43.43
1.131	16.89	54.22	0.46	5.97	92.17	0.59	43.41
1.137	16.89	54.26	0.42	6.03	94.8	0.56	43.45
1.142	16.89	54.27	0.3	6.08	92.26	0.58	43.45
1.149	16.89	54.23	0.42	6.1	93.49	0.58	43.41
1.16	16.89	54.25	0.69	6.11	93.62	0.53	43.43
1.174	16.89	54.28	0.92	6.1	93.03	0.57	43.45
1.2	16.9	54.24	1.03	6.05	94.05	0.59	43.42
1.212	16.9	54.3	0.72	6.01	91.85	0.59	43.48
1.222	16.9	54.25	0.76	5.97	93.79	0.58	43.43
1.232	16.9	54.23	0.95	5.93	95.61	0.58	43.4
1.242	16.9	54.3	0.95	5.9	95.59	0.57	43.47
1.254	16.89	54.3	1.07	5.88	93.36	0.6	43.47
1.266	16.89	54.29	0.95	5.92	90.84	0.56	43.47
1.272	16.88	54.3	0.72	5.97	94.58	0.6	43.5
1.276	16.88	54.23	0.57	6.06	93.96	0.58	43.43
1.279	16.88	54.28	0.88	6.17	92.54	0.6	43.47
1.281	16.86	54.3	0.53	6.29	90.9	0.57	43.51
1.285	16.86	54.25	0.72	6.42	93.83	0.58	43.47
1.289	16.86	54.26	0.69	6.53	94.44	0.59	43.48
1.374	16.85	54.31	1.03	6.49	92.73	0.56	43.53
1.385	16.85	54.28	0.95	6.46	95.81	0.62	43.51
1.393	16.85	54.26	0.95	6.43	95.32	0.54	43.48
1.405	16.85	54.3	0.72	6.37	95.37	0.6	43.52
1.412	16.85	54.27	0.46	6.33	96.12	0.54	43.49
1.424	16.85	54.26	0.5	6.28	94.9	0.59	43.48
1.441	16.86	54.29	0.65	6.23	94.12	0.59	43.5
1.458	16.86	54.28	0.61	6.18	95.3	0.56	43.49
1.48	16.86	54.26	0.5	6.15	95.86	0.59	43.47
1.502	16.87	54.3	0.53	6.12	93.38	0.61	43.5
1.518	16.87	54.3	0.65	6.08	93.94	0.61	43.5
1.53	16.88	54.27	0.72	6.07	96.77	0.57	43.47
1.541	16.89	54.26	0.53	6.04	95.94	0.6	43.45
1.549	16.89	54.28	0.65	6.01	96.37	0.59	43.46
1.554	16.9	54.29	0.65	5.98	95.41	0.6	43.46
1.556	16.9	54.27	0.84	5.95	95.17	0.56	43.44
1.565	16.89	54.28	0.76	5.91	97.49	0.61	43.46
1.574	16.89	54.31	0.65	5.88	97.15	0.63	43.49
1.584	16.89	54.28	0.69	5.85	97.42	0.59	43.46
1.593	16.9	54.28	0.69	5.82	96.86	0.6	43.45
1.6	16.9	54.32	0.61	5.8	97.04	0.56	43.48
1.609	16.91	54.31	0.57	5.78	97.42	0.58	43.47
1.622	16.91	54.27	0.65	5.76	97.13	0.58	43.42
1.636	16.91	54.31	0.69	5.75	97.38	0.6	43.46
1.651	16.9	54.32	0.88	5.75	97.58	0.63	43.48
1.668	16.9	54.28	0.57	5.75	97.2	0.58	43.45
1.682	16.9	54.31	0.53	5.75	96.73	0.61	43.47
1.688	16.9	54.31	0.46	5.77	97.42	0.6	43.47
1.696	16.9	54.3	0.61	5.79	99.43	0.56	43.46
1.712	16.9	54.31	0.61	5.82	99.25	0.58	43.48
1.73	16.91	54.31	0.88	5.86	97.45	0.58	43.47
1.745	16.91	54.3	0.69	5.9	96.95	0.58	43.46
1.758	16.91	54.33	0.69	5.93	97.29	0.59	43.48
1.773	16.92	54.3	0.53	5.96	99.43	0.59	43.45
1.789	16.92	54.3	0.5	5.98	99.98	0.58	43.44
1.802	16.93	54.32	0.5	5.99	100.17	0.6	43.45
1.813	16.93	54.33	0.53	5.99	98.54	0.57	43.46

1.825	16.93	54.33	0.42	5.98	98.35	0.6	43.46
1.837	16.94	54.32	0.46	5.96	100.15	0.56	43.45
1.85	16.93	54.33	0.34	5.94	100.92	0.57	43.46
1.863	16.93	54.34	0.5	5.92	99.52	0.59	43.47
1.872	16.94	54.31	0.42	5.9	98.44	0.56	43.43
1.878	16.94	54.31	0.46	5.88	100.24	0.62	43.44
1.886	16.93	54.36	0.34	5.84	101.6	0.59	43.49
1.9	16.93	54.33	0.3	5.81	100.03	0.58	43.46
1.912	16.93	54.3	0.38	5.76	98.38	0.56	43.44
1.919	16.93	54.34	0.46	5.72	101.01	0.6	43.47
1.927	16.92	54.36	0.34	5.66	103.59	0.6	43.5
1.943	16.92	54.33	0.42	5.63	102.71	0.59	43.47
1.964	16.92	54.32	0.34	5.6	101.15	0.6	43.46
1.979	16.92	54.34	0.3	5.57	101.48	0.56	43.48
1.986	16.93	54.34	0.53	5.56	103.69	0.56	43.48
1.991	16.93	54.36	0.46	5.55	106.37	0.56	43.49
2.005	16.93	54.36	0.3	5.56	105.0	0.58	43.49
2.023	16.94	54.33	0.38	5.58	102.66	0.61	43.46
2.041	16.94	54.34	0.42	5.6	103.19	0.6	43.46
2.057	16.94	54.36	0.46	5.62	108.84	0.58	43.48
2.073	16.94	54.34	0.38	5.63	109.42	0.57	43.46
2.092	16.94	54.36	0.42	5.64	109.12	0.56	43.48
2.109	16.94	54.34	0.3	5.64	105.93	0.59	43.46
2.121	16.94	54.34	0.23	5.63	107.63	0.62	43.46
2.134	16.94	54.36	0.3	5.61	111.08	0.59	43.48
2.144	16.94	54.36	0.53	5.59	110.59	0.58	43.47
2.16	16.94	54.36	0.46	5.56	110.31	0.64	43.48
2.176	16.94	54.36	0.42	5.53	109.72	0.61	43.48
2.19	16.94	54.36	0.34	5.5	108.56	0.58	43.47
2.197	16.94	54.36	0.53	5.48	111.42	0.6	43.47
2.202	16.94	54.37	0.3	5.46	113.97	0.58	43.48
2.212	16.94	54.36	0.5	5.45	111.98	0.57	43.47
2.225	16.94	54.35	0.38	5.44	112.45	0.56	43.46
2.236	16.94	54.35	0.3	5.44	110.87	0.64	43.46
2.245	16.94	54.37	0.38	5.43	115.81	0.6	43.48
2.256	16.94	54.4	0.38	5.43	114.11	0.6	43.51
2.276	16.95	54.37	0.42	5.42	113.24	0.58	43.48
2.298	16.95	54.34	0.53	5.42	111.88	0.57	43.46
2.313	16.95	54.35	0.19	5.42	114.48	0.6	43.47
2.32	16.95	54.4	0.34	5.41	119.74	0.62	43.51
2.333	16.95	54.39	0.53	5.4	119.58	0.59	43.49
2.353	16.95	54.36	0.5	5.39	116.0	0.56	43.47
2.368	16.95	54.35	0.42	5.39	116.43	0.56	43.46
2.377	16.95	54.37	0.53	5.38	119.94	0.57	43.47
2.384	16.95	54.39	0.46	5.36	123.32	0.53	43.5
2.386	16.95	54.36	0.46	5.34	121.19	0.58	43.47
2.389	16.95	54.36	0.23	5.32	120.77	0.58	43.47
2.398	16.95	54.39	0.46	5.3	120.33	0.58	43.5
2.411	16.95	54.39	0.46	5.27	122.75	0.59	43.49
2.423	16.95	54.37	0.5	5.25	125.16	0.56	43.47
2.434	16.95	54.38	0.38	5.24	123.84	0.56	43.48
2.447	16.95	54.37	0.46	5.23	123.61	0.57	43.48
2.463	16.95	54.39	0.46	5.23	122.24	0.59	43.49
2.483	16.95	54.41	0.38	5.24	127.53	0.58	43.51
2.501	16.95	54.38	0.42	5.25	129.26	0.59	43.48
2.509	16.95	54.37	0.46	5.28	128.57	0.58	43.47
2.514	16.95	54.42	0.46	5.31	130.13	0.57	43.53
2.528	16.94	54.4	0.3	5.34	129.59	0.59	43.51

2.54	16.94	54.37	0.38	5.38	131.31	0.58	43.48
2.546	16.94	54.41	0.42	5.43	130.62	0.56	43.52
2.558	16.94	54.43	0.46	5.46	134.8	0.59	43.54
2.576	16.94	54.35	0.38	5.5	133.96	0.56	43.47
2.597	16.94	54.39	0.38	5.52	133.03	0.58	43.51
2.615	16.93	54.42	0.42	5.53	133.74	0.59	43.55
2.633	16.93	54.39	0.5	5.55	137.9	0.56	43.52
2.656	16.93	54.37	0.42	5.61	138.99	0.58	43.51
2.673	16.93	54.37	0.42	5.68	139.73	0.57	43.5
2.693	16.93	54.38	0.42	5.77	140.57	0.58	43.51
2.718	16.93	54.38	0.27	5.85	141.98	0.58	43.51
2.735	16.93	54.37	0.46	5.92	142.08	0.6	43.5
2.746	16.93	54.39	0.38	5.97	148.27	0.58	43.53
2.763	16.92	54.41	0.5	6.01	149.1	0.56	43.54
2.779	16.92	54.39	0.46	6.02	148.68	0.59	43.52
2.795	16.92	54.39	0.5	6.02	147.86	0.56	43.52
2.813	16.92	54.41	0.46	6.0	148.89	0.61	43.54
2.829	16.92	54.4	0.42	5.98	149.27	0.58	43.53
2.837	16.93	54.4	0.3	5.95	150.28	0.58	43.53
2.845	16.93	54.41	0.27	5.91	159.21	0.58	43.54
2.86	16.93	54.41	0.46	5.86	157.41	0.59	43.53
2.873	16.93	54.39	0.61	5.8	153.2	0.58	43.51
2.878	16.94	54.4	0.3	5.75	149.51	0.54	43.52
2.883	16.94	54.43	0.53	5.69	158.65	0.59	43.54
2.898	16.94	54.44	0.5	5.64	168.51	0.58	43.55
2.925	16.94	54.39	0.5	5.6	165.14	0.6	43.5
2.95	16.94	54.39	0.38	5.57	157.48	0.62	43.5
2.963	16.94	54.4	0.42	5.55	158.36	0.61	43.51
2.971	16.94	54.44	0.38	5.54	173.3	0.6	43.55
2.982	16.93	54.42	0.61	5.52	179.68	0.61	43.54
2.997	16.93	54.4	0.42	5.51	181.31	0.57	43.52
3.01	16.94	54.4	0.46	5.51	165.14	0.57	43.52
3.021	16.94	54.42	0.53	5.5	161.17	0.57	43.54
3.037	16.94	54.43	0.46	5.5	273.14	0.56	43.54
3.058	16.94	54.4	0.11	5.5	210.55	0.58	43.51
3.075	16.94	54.41	0.38	5.51	184.88	0.56	43.52
3.084	16.94	54.44	0.38	5.52	179.31	0.58	43.55
3.091	16.94	54.41	0.38	5.54	179.89	0.57	43.52
3.099	16.94	54.39	0.46	5.57	188.64	0.57	43.5
3.11	16.94	54.43	0.38	5.61	194.68	0.56	43.54
3.127	16.94	54.44	0.3	5.65	191.11	0.56	43.55
3.147	16.94	54.4	0.42	5.69	191.82	0.58	43.52
3.155	16.93	54.44	0.38	5.78	195.82	0.57	43.56
3.158	16.93	54.41	0.46	5.81	191.64	0.56	43.53
3.165	16.93	54.41	0.38	5.83	194.5	0.58	43.53
3.172	16.93	54.42	0.42	5.86	187.29	0.58	43.54
3.177	16.94	54.43	0.38	5.88	186.95	0.57	43.54
3.179	16.94	54.42	0.42	5.89	183.98	0.61	43.53
3.183	16.94	54.41	0.42	5.88	184.24	0.59	43.53
3.186	16.94	54.41	0.27	5.87	169.96	0.6	43.53
3.187	16.94	54.42	0.27	5.85	167.57	0.63	43.54
3.188	16.94	54.44	0.38	5.83	166.14	0.64	43.55
3.191	16.94	54.41	0.3	5.8	161.06	0.64	43.53



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.69	54.02	0.0	5.51	356.57	0.43	43.36
PROF (metros)	1.398	1.042	0.748	1.207	1.665	0.715	1.042
MÁXIMO	16.77	16.77	1.68	6.41	3244.3	0.61	43.54
PROF (metros)	1.024	1.314	0.715	1.362	1.024	1.362	1.314

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	16.72	54.07	0.54	6.02	1343.55	0.47	43.45
1 - 2m	16.72	54.09	0.45	5.88	1065.01	0.52	43.47

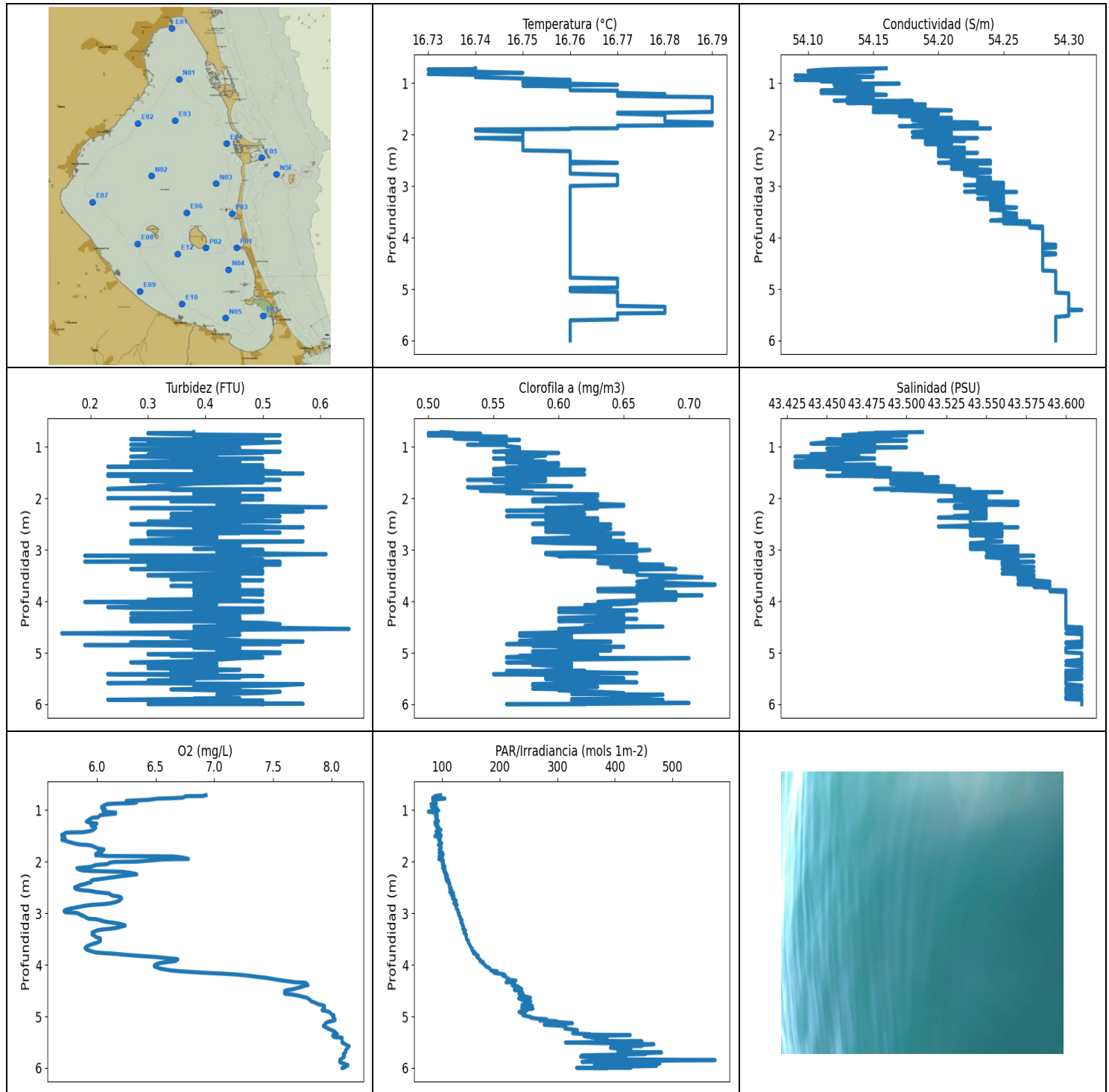
OBSERVACIONES GENERALES

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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)
0.71	16.74	54.07	1.56	6.03	1747.7	0.47	43.44
0.715	16.73	54.12	1.68	6.05	3059.6	0.43	43.48
0.731	16.73	54.11	0.27	6.08	1093.8	0.43	43.48
0.748	16.72	54.06	0.0	6.12	1372.1	0.5	43.44
0.75	16.71	54.1	0.57	6.12	729.26	0.52	43.5
0.768	16.71	54.09	1.07	6.12	757.17	0.49	43.49
0.794	16.71	54.06	0.27	6.11	1212.1	0.5	43.46
0.799	16.72	54.07	0.42	6.08	1208.1	0.5	43.46
0.807	16.7	54.1	0.42	6.06	2301.2	0.46	43.5
0.828	16.7	54.07	0.84	6.05	1457.6	0.47	43.47
0.844	16.72	54.04	0.3	6.04	3210.7	0.46	43.44
0.851	16.72	54.06	0.15	6.03	1081.2	0.45	43.45
0.853	16.71	54.07	0.46	6.04	1418.7	0.45	43.47
0.857	16.71	54.07	0.69	6.06	1761.9	0.46	43.47
0.868	16.71	54.06	0.5	6.09	1218.6	0.48	43.46
0.887	16.71	54.05	0.34	6.11	1457.6	0.47	43.45
0.907	16.71	54.04	0.65	6.11	704.18	0.47	43.44
0.908	16.71	54.07	0.19	6.07	1545.7	0.52	43.46
0.91	16.72	54.07	0.95	6.02	1061.6	0.5	43.46
0.922	16.73	54.04	0.15	5.98	1045.5	0.46	43.42
0.941	16.73	54.04	0.38	5.94	1174.2	0.48	43.41
0.951	16.75	54.05	0.38	5.88	913.32	0.47	43.41
0.954	16.75	54.05	0.42	5.87	585.82	0.46	43.4
0.966	16.75	54.04	0.08	5.86	544.95	0.44	43.39
0.985	16.75	54.05	0.0	5.84	922.04	0.5	43.4
0.998	16.76	54.04	0.27	5.79	954.66	0.45	43.38
1.005	16.76	54.08	0.46	5.77	757.52	0.49	43.42
1.024	16.77	54.07	0.3	5.74	3244.3	0.49	43.4
1.042	16.77	54.02	0.53	5.73	790.52	0.47	43.36
1.049	16.77	54.06	0.15	5.72	533.21	0.48	43.39
1.056	16.77	54.09	0.34	5.73	758.4	0.48	43.42
1.07	16.76	54.07	0.42	5.72	999.26	0.47	43.41
1.091	16.76	54.04	0.23	5.73	1777.9	0.43	43.39
1.111	16.76	54.06	0.5	5.72	617.18	0.47	43.4
1.126	16.76	54.07	0.23	5.7	2618.9	0.46	43.4
1.138	16.77	54.07	0.61	5.68	541.3	0.5	43.41
1.152	16.77	54.07	0.3	5.64	874.99	0.48	43.41
1.169	16.77	54.07	0.34	5.6	1179.6	0.48	43.4
1.189	16.77	54.08	0.46	5.56	587.86	0.47	43.42
1.205	16.77	54.07	1.07	5.54	1088.2	0.51	43.4

1.207	16.77	54.09	0.15	5.51	1108.9	0.53	43.42
1.21	16.77	54.11	0.65	5.51	1744.5	0.54	43.44
1.224	16.77	54.09	0.38	5.53	673.84	0.53	43.42
1.248	16.77	54.09	0.34	5.55	1925.1	0.5	43.42
1.281	16.77	54.1	0.38	5.59	680.59	0.51	43.43
1.289	16.72	54.11	0.23	5.8	1830.6	0.5	43.49
1.311	16.72	54.09	0.27	5.91	1246.5	0.55	43.47
1.314	16.71	54.15	0.57	6.28	1315.7	0.53	43.54
1.331	16.71	54.1	0.38	6.36	1463.1	0.52	43.49
1.362	16.71	54.06	0.46	6.41	1375.3	0.61	43.46
1.372	16.7	54.13	0.53	6.36	701.41	0.58	43.53
1.379	16.7	54.11	0.15	6.31	885.19	0.5	43.52
1.398	16.69	54.11	0.46	6.27	1449.6	0.5	43.52
1.417	16.7	54.09	0.61	6.24	739.99	0.53	43.5
1.424	16.7	54.09	0.65	6.21	465.6	0.58	43.5
1.432	16.7	54.12	0.23	6.18	1194.2	0.6	43.52
1.442	16.7	54.1	0.42	6.15	706.63	0.55	43.51
1.45	16.7	54.08	0.46	6.13	1647.4	0.56	43.48
1.462	16.7	54.1	0.38	6.11	1411.8	0.55	43.51
1.481	16.7	54.12	0.5	6.09	866.31	0.55	43.52
1.497	16.7	54.08	0.53	6.07	569.09	0.57	43.49
1.507	16.7	54.1	0.38	6.06	754.01	0.54	43.51
1.513	16.7	54.11	0.53	6.06	659.17	0.55	43.51
1.519	16.7	54.1	0.5	6.06	652.18	0.56	43.51
1.532	16.7	54.1	0.38	6.06	1445.2	0.56	43.51
1.55	16.7	54.1	0.46	6.05	1015.8	0.53	43.5
1.561	16.7	54.09	0.57	6.03	565.54	0.53	43.49
1.562	16.7	54.12	0.27	5.96	530.37	0.51	43.52
1.567	16.7	54.09	0.42	5.9	1801.2	0.56	43.5
1.579	16.7	54.09	0.3	5.85	1252.9	0.52	43.5
1.598	16.7	54.11	0.57	5.79	463.12	0.51	43.52
1.612	16.7	54.09	0.8	5.75	611.06	0.57	43.5
1.622	16.7	54.11	0.42	5.71	396.51	0.5	43.51
1.633	16.7	54.13	0.65	5.67	486.22	0.47	43.53
1.635	16.7	54.09	0.69	5.66	1417.0	0.48	43.5
1.637	16.69	54.11	0.69	5.66	388.77	0.51	43.52
1.652	16.69	54.13	0.57	5.67	1735.2	0.49	43.54
1.665	16.69	54.09	0.42	5.7	356.57	0.56	43.5
1.67	16.69	54.12	0.42	5.72	1544.2	0.53	43.53



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.73	54.09	0.15	5.7	75.78	0.5	43.43
PROF (metros)	0.731	0.854	4.62	1.481	1.032	0.731	1.19
MÁXIMO	16.79	16.79	0.65	8.15	574.52	0.72	43.61
PROF (metros)	1.272	5.405	4.535	5.573	5.847	3.67	4.49

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	16.74	54.12	0.4	6.37	87.75	0.54	43.47
1 - 2m	16.78	54.17	0.4	5.98	93.83	0.57	43.49
2 - 3m	16.76	54.22	0.42	6.0	113.45	0.61	43.55
3 - 4m	16.76	54.26	0.41	6.14	146.05	0.66	43.58
4 - 5m	16.76	54.28	0.41	7.58	225.85	0.62	43.6
5 - 6m	16.77	54.29	0.4	8.07	375.27	0.61	43.61

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)
0.712	16.74	54.16	0.38	6.93	97.2	0.51	43.51
0.728	16.74	54.12	0.38	6.9	88.04	0.52	43.48
0.731	16.73	54.12	0.3	6.76	93.96	0.5	43.49
0.74	16.73	54.11	0.3	6.75	86.48	0.54	43.47
0.76	16.74	54.1	0.38	6.73	83.51	0.54	43.47
0.773	16.74	54.1	0.53	6.61	83.41	0.53	43.46
0.778	16.74	54.15	0.46	6.52	104.75	0.5	43.5
0.801	16.75	54.12	0.5	6.44	83.56	0.56	43.47
0.822	16.73	54.13	0.38	6.25	84.32	0.53	43.49
0.839	16.74	54.11	0.38	6.26	86.56	0.52	43.47
0.849	16.74	54.11	0.5	6.34	86.02	0.53	43.47
0.854	16.74	54.09	0.27	6.33	84.15	0.55	43.45
0.863	16.74	54.1	0.34	6.32	86.72	0.57	43.46
0.875	16.74	54.15	0.46	6.15	89.9	0.56	43.5
0.884	16.74	54.14	0.3	6.09	80.56	0.54	43.49
0.91	16.75	54.1	0.53	6.06	87.27	0.55	43.45
0.937	16.76	54.09	0.46	6.04	81.16	0.54	43.44
0.954	16.75	54.14	0.46	6.04	89.54	0.56	43.48
0.958	16.75	54.12	0.27	6.05	90.9	0.53	43.47
0.964	16.75	54.11	0.38	6.06	86.52	0.56	43.46
0.985	16.75	54.13	0.42	6.07	88.24	0.56	43.48
1.008	16.76	54.13	0.38	6.06	93.86	0.57	43.46
1.01	16.76	54.17	0.38	6.05	85.01	0.57	43.5
1.032	16.77	54.12	0.46	6.06	75.78	0.57	43.45
1.049	16.75	54.14	0.27	6.16	90.52	0.57	43.48
1.068	16.76	54.14	0.38	6.16	88.35	0.57	43.48
1.092	16.76	54.15	0.53	6.06	87.79	0.55	43.48
1.098	16.76	54.13	0.5	6.03	91.68	0.56	43.47
1.118	16.76	54.12	0.5	6.02	89.94	0.6	43.45
1.139	16.76	54.12	0.38	6.01	88.55	0.56	43.45
1.145	16.77	54.11	0.3	5.98	90.04	0.57	43.44
1.146	16.77	54.15	0.38	5.96	91.47	0.58	43.47
1.165	16.77	54.15	0.34	5.95	89.25	0.59	43.47
1.19	16.77	54.11	0.27	5.93	91.15	0.58	43.43
1.213	16.78	54.15	0.42	5.92	93.66	0.58	43.47
1.223	16.77	54.16	0.34	5.91	92.8	0.55	43.48

1.23	16.77	54.16	0.5	5.92	87.37	0.56	43.48
1.246	16.77	54.14	0.34	5.94	88.92	0.56	43.46
1.262	16.78	54.15	0.38	6.0	89.67	0.56	43.46
1.272	16.79	54.14	0.42	5.99	87.39	0.57	43.44
1.29	16.79	54.13	0.3	5.98	92.56	0.59	43.43
1.297	16.79	54.14	0.27	5.95	89.19	0.56	43.45
1.302	16.79	54.15	0.46	5.95	89.73	0.56	43.46
1.318	16.79	54.15	0.46	5.97	89.94	0.6	43.45
1.339	16.79	54.12	0.3	5.98	94.18	0.58	43.43
1.346	16.79	54.18	0.27	5.99	90.73	0.57	43.48
1.36	16.79	54.16	0.5	5.98	94.07	0.6	43.46
1.383	16.79	54.13	0.23	5.97	97.88	0.59	43.43
1.402	16.79	54.17	0.42	5.95	95.39	0.56	43.47
1.412	16.79	54.19	0.5	5.93	91.66	0.59	43.49
1.418	16.79	54.16	0.5	5.91	89.02	0.56	43.46
1.429	16.79	54.15	0.38	5.89	95.35	0.55	43.45
1.435	16.79	54.18	0.42	5.75	91.03	0.56	43.48
1.444	16.79	54.17	0.46	5.73	95.54	0.62	43.47
1.464	16.79	54.16	0.5	5.72	93.51	0.59	43.46
1.481	16.79	54.17	0.53	5.7	91.07	0.61	43.47
1.489	16.79	54.19	0.5	5.7	98.4	0.6	43.49
1.495	16.79	54.19	0.42	5.7	96.57	0.57	43.49
1.504	16.79	54.15	0.38	5.71	87.21	0.55	43.46
1.516	16.79	54.19	0.57	5.72	93.64	0.56	43.49
1.527	16.79	54.21	0.42	5.72	97.2	0.55	43.51
1.534	16.79	54.16	0.23	5.72	95.39	0.55	43.46
1.536	16.79	54.2	0.46	5.73	93.92	0.62	43.5
1.543	16.79	54.2	0.5	5.73	94.93	0.59	43.5
1.559	16.79	54.15	0.23	5.72	93.27	0.56	43.45
1.574	16.78	54.18	0.5	5.71	95.79	0.57	43.49
1.575	16.77	54.17	0.38	5.7	94.68	0.56	43.48
1.58	16.77	54.18	0.5	5.71	96.44	0.56	43.5
1.593	16.77	54.2	0.27	5.73	94.49	0.57	43.52
1.616	16.78	54.18	0.38	5.76	95.3	0.59	43.49
1.641	16.78	54.17	0.53	5.8	99.11	0.53	43.49
1.663	16.78	54.2	0.27	5.84	97.08	0.59	43.51
1.671	16.78	54.2	0.42	5.87	96.93	0.56	43.51
1.674	16.78	54.21	0.46	5.91	93.23	0.55	43.52
1.687	16.78	54.21	0.5	5.95	95.26	0.56	43.51
1.714	16.78	54.18	0.38	5.98	98.28	0.56	43.49
1.746	16.78	54.19	0.34	6.01	97.63	0.57	43.5
1.764	16.79	54.23	0.3	6.06	94.75	0.61	43.53
1.785	16.79	54.23	0.3	6.05	96.59	0.53	43.53
1.817	16.79	54.18	0.23	6.04	99.94	0.55	43.48
1.827	16.77	54.23	0.53	6.01	94.64	0.54	43.54
1.834	16.77	54.17	0.34	6.0	96.75	0.57	43.49
1.854	16.77	54.2	0.46	5.99	101.72	0.54	43.51
1.877	16.77	54.22	0.46	5.99	101.03	0.58	43.53
1.879	16.76	54.24	0.38	6.03	97.29	0.56	43.56
1.89	16.76	54.2	0.38	6.08	100.31	0.57	43.53
1.898	16.74	54.2	0.42	6.54	94.64	0.57	43.55
1.899	16.74	54.19	0.42	6.65	97.18	0.56	43.54
1.921	16.74	54.2	0.38	6.73	99.78	0.63	43.55
1.948	16.75	54.18	0.42	6.78	100.61	0.6	43.53
1.952	16.75	54.21	0.5	6.65	94.16	0.61	43.55
1.957	16.75	54.18	0.38	6.56	97.76	0.63	43.53
1.977	16.75	54.19	0.46	6.45	102.07	0.6	43.54
1.998	16.75	54.21	0.23	6.34	101.55	0.6	43.55

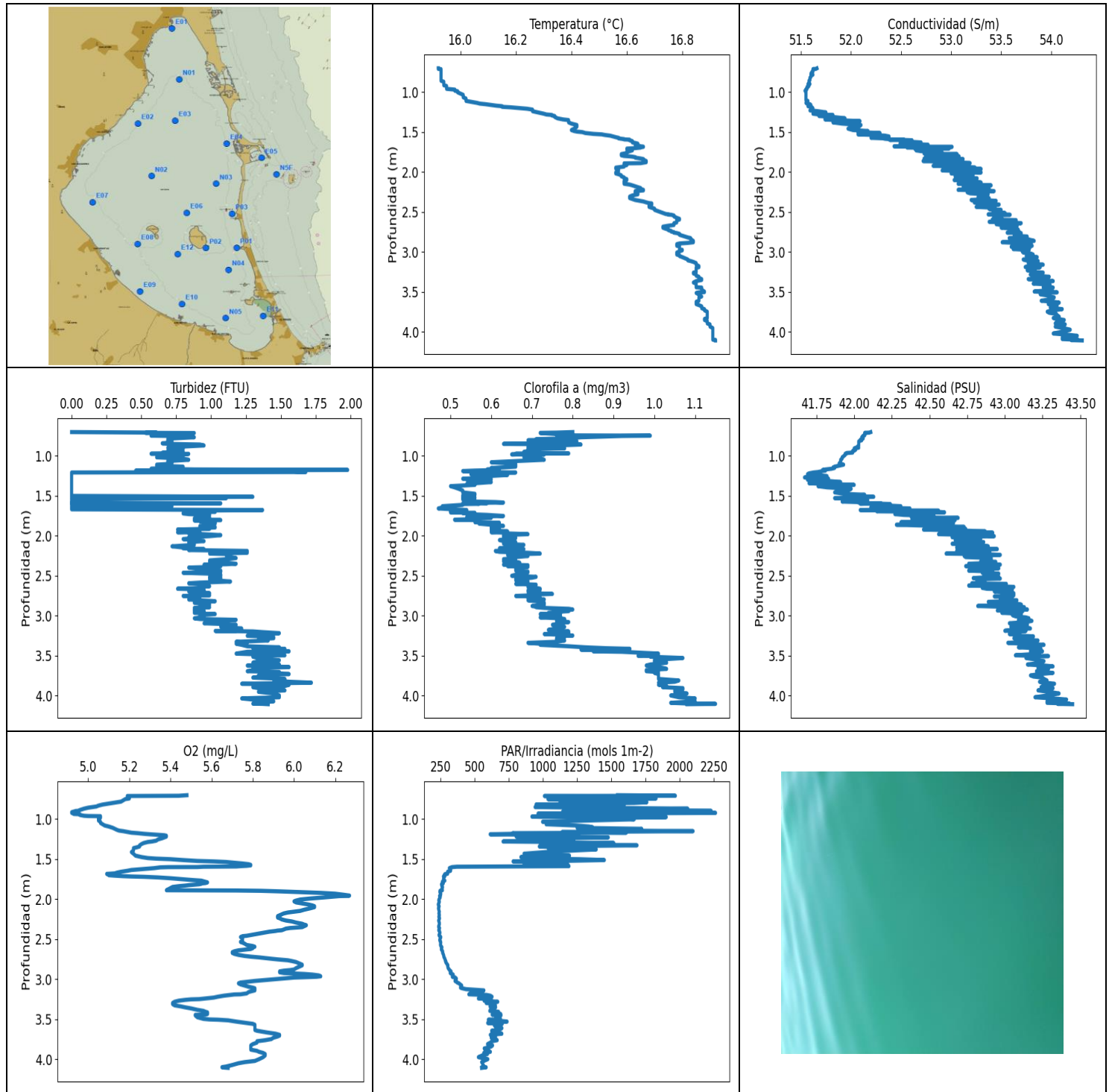
2.005	16.75	54.21	0.38	6.15	99.32	0.6	43.55
2.019	16.75	54.21	0.5	6.11	100.8	0.58	43.55
2.046	16.75	54.18	0.38	6.09	102.83	0.63	43.52
2.059	16.75	54.2	0.34	6.02	100.38	0.58	43.55
2.065	16.74	54.23	0.46	5.99	102.16	0.62	43.57
2.098	16.75	54.2	0.42	5.95	104.8	0.62	43.54
2.124	16.75	54.22	0.42	5.84	100.59	0.65	43.57
2.127	16.75	54.19	0.42	5.83	101.36	0.63	43.54
2.146	16.75	54.19	0.46	5.84	103.64	0.65	43.53
2.171	16.75	54.21	0.61	5.88	105.24	0.61	43.55
2.182	16.75	54.19	0.46	5.96	104.49	0.6	43.53
2.186	16.75	54.21	0.3	6.05	102.78	0.59	43.55
2.191	16.75	54.21	0.27	6.14	103.31	0.63	43.55
2.2	16.75	54.2	0.38	6.23	105.09	0.62	43.54
2.219	16.75	54.2	0.5	6.29	107.01	0.62	43.54
2.238	16.75	54.2	0.38	6.33	105.09	0.56	43.54
2.247	16.75	54.2	0.38	6.34	104.92	0.6	43.54
2.252	16.75	54.22	0.57	6.31	105.63	0.6	43.55
2.267	16.75	54.22	0.5	6.26	109.06	0.59	43.55
2.286	16.75	54.2	0.46	6.19	106.07	0.61	43.54
2.305	16.75	54.21	0.34	6.13	106.02	0.62	43.55
2.323	16.76	54.22	0.46	6.07	109.39	0.6	43.55
2.34	16.76	54.2	0.46	6.02	109.12	0.59	43.53
2.349	16.76	54.21	0.53	5.99	106.69	0.56	43.53
2.353	16.76	54.23	0.46	5.97	109.34	0.6	43.55
2.36	16.76	54.21	0.42	5.96	111.6	0.6	43.53
2.374	16.76	54.2	0.46	5.95	110.0	0.6	43.52
2.387	16.76	54.22	0.34	5.95	108.46	0.63	43.55
2.401	16.76	54.21	0.5	5.95	110.36	0.59	43.54
2.416	16.76	54.2	0.46	5.92	113.08	0.62	43.54
2.431	16.76	54.21	0.38	5.9	112.3	0.63	43.54
2.443	16.76	54.21	0.53	5.88	111.78	0.61	43.54
2.452	16.76	54.22	0.3	5.86	111.85	0.63	43.54
2.47	16.76	54.21	0.46	5.84	113.5	0.6	43.54
2.49	16.76	54.21	0.34	5.82	114.42	0.58	43.54
2.499	16.76	54.21	0.27	5.81	115.06	0.58	43.54
2.5	16.76	54.22	0.27	5.81	112.69	0.58	43.54
2.508	16.76	54.24	0.3	5.81	112.74	0.64	43.56
2.526	16.76	54.22	0.38	5.82	113.58	0.6	43.54
2.545	16.77	54.2	0.5	5.85	115.73	0.6	43.52
2.557	16.76	54.22	0.53	5.89	116.89	0.6	43.54
2.561	16.76	54.24	0.57	5.92	115.3	0.6	43.57
2.573	16.76	54.22	0.38	5.96	113.47	0.59	43.54
2.587	16.76	54.21	0.38	5.99	113.05	0.64	43.54
2.601	16.76	54.22	0.42	6.04	117.33	0.62	43.54
2.608	16.76	54.22	0.42	6.07	119.63	0.61	43.55
2.614	16.76	54.22	0.38	6.1	117.68	0.61	43.54
2.626	16.76	54.22	0.5	6.11	115.44	0.63	43.55
2.646	16.76	54.23	0.3	6.12	115.92	0.59	43.56
2.662	16.76	54.21	0.53	6.14	117.76	0.61	43.54
2.667	16.76	54.22	0.38	6.16	119.27	0.61	43.55
2.672	16.76	54.23	0.46	6.18	120.61	0.63	43.56
2.685	16.76	54.24	0.3	6.2	120.58	0.65	43.56
2.702	16.76	54.22	0.3	6.21	117.71	0.61	43.55
2.718	16.76	54.22	0.42	6.21	118.17	0.64	43.54
2.735	16.76	54.24	0.38	6.2	121.73	0.64	43.56
2.758	16.76	54.22	0.42	6.19	124.38	0.61	43.55
2.782	16.77	54.22	0.38	6.16	122.58	0.58	43.55

2.805	16.77	54.23	0.3	6.12	120.19	0.64	43.55
2.821	16.77	54.23	0.3	6.07	121.22	0.62	43.55
2.829	16.77	54.23	0.27	6.02	124.47	0.65	43.55
2.835	16.77	54.24	0.57	5.97	126.04	0.59	43.56
2.85	16.77	54.24	0.46	5.91	123.52	0.58	43.55
2.872	16.77	54.23	0.27	5.86	123.86	0.6	43.54
2.894	16.77	54.24	0.46	5.81	124.12	0.66	43.55
2.912	16.77	54.23	0.42	5.77	124.55	0.64	43.55
2.924	16.77	54.23	0.46	5.75	126.01	0.63	43.54
2.935	16.77	54.25	0.42	5.73	127.24	0.66	43.57
2.957	16.77	54.25	0.46	5.72	127.48	0.64	43.56
2.98	16.77	54.22	0.38	5.73	127.42	0.66	43.54
2.996	16.76	54.25	0.5	5.83	129.29	0.63	43.57
3.003	16.76	54.24	0.46	5.84	128.04	0.67	43.56
3.02	16.76	54.23	0.5	5.85	128.45	0.66	43.55
3.036	16.76	54.24	0.42	5.87	129.86	0.63	43.56
3.044	16.76	54.24	0.42	5.87	130.16	0.66	43.56
3.046	16.76	54.23	0.42	5.88	129.35	0.64	43.56
3.058	16.76	54.25	0.42	5.89	130.95	0.59	43.57
3.085	16.76	54.25	0.61	5.91	131.89	0.59	43.57
3.107	16.76	54.22	0.42	5.93	131.04	0.6	43.55
3.114	16.76	54.26	0.19	5.99	132.05	0.61	43.58
3.124	16.76	54.24	0.46	6.01	134.02	0.6	43.57
3.143	16.76	54.23	0.27	6.04	134.46	0.66	43.55
3.162	16.76	54.24	0.38	6.07	133.15	0.63	43.56
3.176	16.76	54.24	0.46	6.11	132.45	0.65	43.57
3.187	16.76	54.25	0.5	6.15	133.65	0.64	43.57
3.2	16.76	54.25	0.38	6.18	135.33	0.65	43.57
3.215	16.76	54.24	0.38	6.21	135.77	0.66	43.57
3.227	16.76	54.24	0.19	6.23	135.42	0.64	43.56
3.233	16.76	54.25	0.53	6.24	134.86	0.66	43.58
3.239	16.76	54.25	0.3	6.24	135.08	0.66	43.57
3.247	16.76	54.23	0.42	6.23	135.83	0.63	43.56
3.258	16.76	54.25	0.5	6.21	136.75	0.63	43.57
3.271	16.76	54.25	0.38	6.19	137.39	0.64	43.57
3.285	16.76	54.24	0.53	6.16	137.58	0.68	43.56
3.295	16.76	54.24	0.3	6.13	137.45	0.68	43.56
3.303	16.76	54.25	0.46	6.1	135.74	0.65	43.57
3.309	16.76	54.25	0.38	6.07	136.09	0.68	43.57
3.319	16.76	54.24	0.5	6.03	137.96	0.66	43.57
3.334	16.76	54.25	0.46	6.0	140.48	0.64	43.58
3.354	16.76	54.25	0.38	5.98	140.02	0.68	43.57
3.371	16.76	54.24	0.27	5.96	138.09	0.69	43.56
3.388	16.76	54.24	0.42	5.96	138.41	0.65	43.57
3.402	16.76	54.25	0.5	5.96	140.12	0.66	43.57
3.415	16.76	54.26	0.46	5.96	142.08	0.65	43.58
3.435	16.76	54.25	0.42	5.98	141.06	0.66	43.57
3.457	16.76	54.24	0.5	5.99	141.42	0.66	43.56
3.475	16.76	54.25	0.38	6.01	142.05	0.66	43.57
3.488	16.76	54.25	0.3	6.03	142.11	0.66	43.58
3.499	16.76	54.25	0.3	6.03	142.01	0.69	43.57
3.513	16.76	54.25	0.42	6.03	143.54	0.69	43.57
3.532	16.76	54.26	0.46	6.03	145.68	0.71	43.58
3.552	16.76	54.25	0.38	6.02	145.04	0.67	43.57
3.573	16.76	54.25	0.34	6.0	145.65	0.68	43.57
3.59	16.76	54.26	0.5	5.97	146.97	0.67	43.58
3.616	16.76	54.26	0.38	5.94	148.17	0.66	43.59
3.647	16.76	54.25	0.38	5.91	149.03	0.69	43.57

3.67	16.76	54.24	0.38	5.9	151.22	0.72	43.57
3.683	16.76	54.27	0.46	5.9	152.24	0.72	43.59
3.7	16.76	54.27	0.34	5.91	151.57	0.66	43.59
3.719	16.76	54.25	0.46	5.93	151.99	0.66	43.58
3.74	16.76	54.27	0.42	5.96	154.41	0.68	43.59
3.759	16.76	54.27	0.42	5.99	157.12	0.63	43.59
3.77	16.76	54.27	0.38	6.04	155.49	0.64	43.59
3.777	16.76	54.27	0.42	6.09	154.41	0.66	43.59
3.787	16.76	54.28	0.5	6.16	156.39	0.65	43.6
3.803	16.76	54.27	0.38	6.23	160.13	0.63	43.59
3.821	16.76	54.28	0.42	6.33	162.64	0.69	43.6
3.835	16.76	54.28	0.46	6.42	159.98	0.69	43.6
3.848	16.76	54.28	0.46	6.5	160.28	0.69	43.6
3.864	16.76	54.28	0.5	6.57	162.3	0.67	43.6
3.876	16.76	54.28	0.38	6.63	163.24	0.66	43.6
3.884	16.76	54.28	0.42	6.67	164.0	0.71	43.6
3.894	16.76	54.28	0.42	6.69	165.3	0.68	43.6
3.909	16.76	54.28	0.42	6.68	166.49	0.68	43.6
3.926	16.76	54.28	0.46	6.67	165.83	0.67	43.6
3.936	16.76	54.28	0.42	6.64	166.68	0.69	43.6
3.94	16.76	54.28	0.38	6.62	171.03	0.66	43.6
3.952	16.76	54.28	0.42	6.58	170.87	0.66	43.6
3.968	16.76	54.28	0.3	6.53	170.35	0.69	43.6
3.983	16.76	54.28	0.46	6.51	172.66	0.66	43.6
3.996	16.76	54.28	0.5	6.5	174.03	0.64	43.6
4.011	16.76	54.28	0.19	6.49	174.47	0.63	43.6
4.032	16.76	54.28	0.42	6.49	176.01	0.66	43.6
4.053	16.76	54.28	0.42	6.52	181.1	0.65	43.6
4.074	16.76	54.28	0.27	6.54	182.92	0.62	43.6
4.092	16.76	54.28	0.38	6.59	183.94	0.63	43.6
4.11	16.76	54.28	0.23	6.64	184.49	0.64	43.6
4.125	16.76	54.28	0.27	6.71	195.82	0.64	43.6
4.138	16.76	54.29	0.5	6.8	192.62	0.6	43.6
4.152	16.76	54.28	0.46	6.9	189.83	0.62	43.6
4.164	16.76	54.28	0.38	7.01	194.23	0.62	43.6
4.177	16.76	54.28	0.5	7.12	204.39	0.66	43.6
4.191	16.76	54.29	0.46	7.21	208.61	0.63	43.6
4.207	16.76	54.28	0.5	7.28	205.01	0.6	43.6
4.222	16.76	54.28	0.42	7.33	210.31	0.65	43.6
4.236	16.76	54.28	0.27	7.38	210.55	0.64	43.6
4.251	16.76	54.28	0.42	7.44	211.72	0.64	43.6
4.271	16.76	54.28	0.38	7.49	215.34	0.63	43.6
4.29	16.76	54.28	0.46	7.54	217.09	0.65	43.6
4.306	16.76	54.29	0.38	7.59	228.02	0.62	43.6
4.325	16.76	54.29	0.27	7.65	224.77	0.6	43.6
4.338	16.76	54.28	0.46	7.69	210.99	0.65	43.6
4.34	16.76	54.28	0.3	7.73	217.54	0.66	43.6
4.343	16.76	54.28	0.34	7.76	225.92	0.63	43.6
4.351	16.76	54.28	0.46	7.78	224.61	0.65	43.6
4.368	16.76	54.28	0.46	7.79	223.06	0.62	43.6
4.384	16.76	54.28	0.27	7.79	223.37	0.6	43.6
4.393	16.76	54.28	0.46	7.8	226.5	0.65	43.6
4.398	16.76	54.28	0.42	7.78	221.67	0.65	43.6
4.417	16.76	54.28	0.5	7.76	231.54	0.65	43.6
4.442	16.76	54.28	0.53	7.72	233.91	0.64	43.6
4.467	16.76	54.28	0.5	7.68	238.29	0.63	43.6
4.481	16.76	54.28	0.42	7.65	225.4	0.62	43.6
4.49	16.76	54.28	0.38	7.62	226.18	0.68	43.6

4.509	16.76	54.28	0.5	7.6	235.82	0.63	43.61
4.535	16.76	54.28	0.65	7.6	239.51	0.6	43.6
4.557	16.76	54.28	0.38	7.6	240.62	0.62	43.61
4.567	16.76	54.28	0.42	7.62	233.53	0.63	43.61
4.571	16.76	54.28	0.38	7.65	235.33	0.63	43.61
4.58	16.76	54.28	0.46	7.68	236.75	0.65	43.61
4.598	16.76	54.28	0.38	7.72	239.95	0.61	43.61
4.62	16.76	54.28	0.15	7.76	246.38	0.57	43.6
4.638	16.76	54.28	0.3	7.79	253.44	0.61	43.61
4.651	16.76	54.29	0.46	7.8	232.88	0.6	43.61
4.667	16.76	54.29	0.38	7.81	236.64	0.57	43.61
4.687	16.76	54.29	0.34	7.82	241.18	0.59	43.61
4.71	16.76	54.29	0.38	7.83	253.97	0.61	43.61
4.733	16.76	54.29	0.42	7.86	250.41	0.6	43.61
4.754	16.76	54.29	0.46	7.88	242.13	0.59	43.61
4.767	16.76	54.29	0.46	7.89	245.58	0.57	43.61
4.779	16.76	54.29	0.57	7.92	238.79	0.64	43.61
4.795	16.77	54.29	0.27	7.94	256.58	0.64	43.6
4.814	16.77	54.29	0.42	7.94	245.35	0.58	43.6
4.832	16.77	54.29	0.53	7.94	238.18	0.56	43.61
4.848	16.77	54.29	0.19	7.93	257.77	0.61	43.61
4.864	16.77	54.29	0.42	7.93	244.1	0.58	43.61
4.874	16.77	54.29	0.42	7.92	238.73	0.6	43.61
4.882	16.77	54.29	0.42	7.92	247.69	0.65	43.61
4.89	16.77	54.29	0.46	7.95	243.48	0.6	43.61
4.9	16.77	54.29	0.38	7.96	240.17	0.63	43.6
4.913	16.77	54.29	0.42	7.98	233.7	0.6	43.6
4.934	16.77	54.29	0.46	7.99	237.57	0.62	43.6
4.954	16.77	54.29	0.42	8.0	244.1	0.64	43.6
4.969	16.77	54.29	0.42	8.01	244.44	0.58	43.6
4.977	16.76	54.29	0.42	8.02	240.51	0.63	43.6
4.99	16.76	54.29	0.53	8.02	244.78	0.58	43.6
5.006	16.76	54.29	0.53	8.01	253.27	0.6	43.61
5.024	16.76	54.29	0.3	8.02	254.33	0.61	43.61
5.041	16.76	54.29	0.46	8.02	264.0	0.63	43.61
5.055	16.77	54.29	0.34	8.03	281.76	0.57	43.61
5.069	16.77	54.29	0.46	8.03	272.7	0.58	43.61
5.081	16.77	54.3	0.38	8.02	269.75	0.56	43.61
5.091	16.77	54.3	0.5	8.0	297.81	0.56	43.61
5.105	16.77	54.3	0.46	7.97	298.99	0.7	43.61
5.133	16.77	54.3	0.42	7.95	326.44	0.6	43.61
5.161	16.77	54.3	0.38	7.94	277.48	0.6	43.6
5.184	16.77	54.3	0.27	7.93	310.57	0.56	43.61
5.208	16.77	54.3	0.42	7.95	314.99	0.61	43.61
5.234	16.77	54.3	0.3	7.97	313.24	0.58	43.6
5.265	16.77	54.3	0.42	8.0	335.1	0.61	43.61
5.297	16.77	54.3	0.3	8.03	333.32	0.6	43.61
5.327	16.77	54.3	0.46	8.04	327.04	0.6	43.61
5.343	16.78	54.3	0.42	8.05	354.02	0.59	43.61
5.347	16.78	54.3	0.38	8.04	357.4	0.62	43.6
5.353	16.78	54.3	0.38	8.03	354.27	0.56	43.6
5.363	16.78	54.3	0.34	8.01	426.84	0.6	43.6
5.379	16.78	54.3	0.42	8.01	346.55	0.63	43.6
5.396	16.78	54.3	0.38	8.02	354.76	0.66	43.61
5.405	16.78	54.31	0.34	8.04	386.89	0.63	43.61
5.407	16.78	54.31	0.42	8.07	360.48	0.58	43.61
5.414	16.78	54.3	0.23	8.09	377.5	0.55	43.6
5.431	16.78	54.3	0.34	8.09	366.04	0.6	43.6

5.45	16.78	54.3	0.5	8.09	382.16	0.63	43.6
5.464	16.78	54.3	0.34	8.09	385.28	0.61	43.6
5.472	16.77	54.3	0.38	8.09	367.91	0.63	43.6
5.483	16.77	54.3	0.46	8.09	447.3	0.59	43.61
5.494	16.77	54.3	0.38	8.09	379.95	0.65	43.61
5.506	16.77	54.3	0.38	8.09	314.33	0.59	43.61
5.519	16.77	54.3	0.38	8.1	390.58	0.6	43.6
5.54	16.77	54.29	0.3	8.12	468.08	0.65	43.6
5.561	16.77	54.29	0.38	8.13	437.25	0.64	43.6
5.573	16.77	54.29	0.3	8.15	446.57	0.66	43.6
5.58	16.77	54.29	0.3	8.15	419.09	0.62	43.6
5.588	16.77	54.29	0.23	8.14	393.67	0.61	43.6
5.606	16.76	54.29	0.57	8.14	392.49	0.58	43.6
5.633	16.76	54.29	0.53	8.13	411.2	0.58	43.61
5.66	16.76	54.29	0.38	8.12	428.72	0.63	43.61
5.682	16.76	54.29	0.46	8.12	405.62	0.6	43.6
5.698	16.76	54.29	0.38	8.12	481.4	0.58	43.6
5.711	16.76	54.29	0.34	8.11	451.57	0.61	43.6
5.729	16.76	54.29	0.42	8.1	453.45	0.6	43.61
5.756	16.76	54.29	0.53	8.11	342.56	0.63	43.6
5.781	16.76	54.29	0.5	8.11	340.58	0.65	43.6
5.798	16.76	54.29	0.42	8.1	401.5	0.61	43.61
5.812	16.76	54.29	0.42	8.09	419.58	0.68	43.61
5.827	16.76	54.29	0.42	8.08	365.95	0.67	43.61
5.847	16.76	54.29	0.42	8.07	574.52	0.66	43.6
5.867	16.76	54.29	0.42	8.07	353.2	0.66	43.6
5.88	16.76	54.29	0.46	8.07	343.12	0.64	43.61
5.885	16.76	54.29	0.38	8.07	470.59	0.65	43.6
5.895	16.76	54.29	0.38	8.08	400.29	0.61	43.6
5.91	16.76	54.29	0.23	8.1	478.39	0.68	43.61
5.927	16.76	54.29	0.5	8.12	429.12	0.61	43.61
5.942	16.76	54.29	0.38	8.14	457.15	0.61	43.61
5.949	16.76	54.29	0.42	8.14	364.77	0.63	43.61
5.959	16.76	54.29	0.38	8.13	472.55	0.62	43.61
5.975	16.76	54.29	0.38	8.12	392.49	0.7	43.61
5.989	16.76	54.29	0.57	8.11	366.38	0.63	43.61
5.993	16.76	54.29	0.3	8.1	428.42	0.58	43.61
5.995	16.76	54.29	0.5	8.09	333.7	0.56	43.61
5.997	16.76	54.29	0.5	8.09	385.28	0.62	43.61



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	15.92	51.54	0.0	4.92	235.0	0.47	41.67
PROF (metros)	0.704	0.984	0.704	0.916	2.069	1.66	1.272
MÁXIMO	16.92	16.92	1.98	6.27	2262.1	1.15	43.45
PROF (metros)	4.103	4.11	1.178	1.958	0.925	4.106	4.11

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	15.94	51.58	0.73	5.06	1464.24	0.74	42.02
1 - 2m	16.46	52.48	0.91	5.47	603.14	0.59	42.29
2 - 3m	16.71	53.46	0.96	5.92	267.63	0.69	42.91
3 - 4m	16.86	53.94	1.31	5.71	589.29	0.9	43.18
4 - 5m	16.91	54.18	1.37	5.71	566.78	1.08	43.34

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)
0.704	15.92	51.66	0.0	5.48	1546.0	0.8	42.11
0.711	15.92	51.65	0.61	5.44	1968.4	0.76	42.1
0.714	15.93	51.62	0.53	5.19	1010.7	0.72	42.07
0.716	15.93	51.63	0.88	5.19	1335.7	0.72	42.08
0.722	15.93	51.62	0.8	5.2	1583.0	0.74	42.07
0.732	15.93	51.62	0.72	5.2	1532.1	0.77	42.07
0.74	15.93	51.62	0.72	5.2	1655.1	0.79	42.07
0.745	15.93	51.62	0.69	5.2	1827.2	0.76	42.07
0.749	15.93	51.61	0.57	5.19	1517.3	0.99	42.06
0.753	15.93	51.61	0.72	5.18	1036.8	0.92	42.06
0.769	15.93	51.6	0.88	5.17	1650.1	0.82	42.05
0.784	15.93	51.62	0.72	5.16	1665.5	0.79	42.06
0.792	15.93	51.6	0.69	5.14	1759.9	0.71	42.05
0.801	15.93	51.6	0.72	5.12	1666.6	0.79	42.04
0.807	15.93	51.6	0.69	5.1	1120.7	0.69	42.05
0.812	15.93	51.6	0.72	5.09	1458.7	0.79	42.04
0.821	15.93	51.59	0.69	5.07	949.59	0.81	42.03
0.834	15.93	51.59	0.72	5.05	1593.7	0.77	42.03
0.845	15.93	51.59	0.65	5.04	1353.1	0.73	42.03
0.852	15.93	51.59	0.69	5.02	942.79	0.63	42.03
0.86	15.93	51.58	0.92	5.0	1308.1	0.82	42.03
0.872	15.94	51.58	0.95	4.98	2058.9	0.76	42.03
0.889	15.94	51.58	0.76	4.96	1342.5	0.69	42.02
0.9	15.94	51.59	0.76	4.95	2230.3	0.69	42.03
0.901	15.94	51.57	0.69	4.94	1920.2	0.71	42.01
0.908	15.94	51.57	0.72	4.93	1143.8	0.78	42.0
0.916	15.94	51.58	0.8	4.92	1922.8	0.69	42.01
0.925	15.95	51.58	0.76	4.92	2262.1	0.69	42.01
0.934	15.95	51.57	0.76	4.93	964.0	0.69	42.0
0.938	15.95	51.57	0.69	4.93	1296.3	0.71	42.0
0.939	15.95	51.56	0.72	4.94	1036.8	0.69	41.99
0.942	15.95	51.56	0.8	4.96	1853.7	0.69	41.99
0.951	15.95	51.56	0.8	4.96	1052.5	0.68	41.99
0.961	15.95	51.56	0.72	4.98	1481.1	0.72	41.99
0.964	15.96	51.56	0.65	5.0	963.33	0.69	41.97
0.966	15.97	51.55	0.72	5.06	1149.2	0.72	41.95
0.971	15.98	51.55	0.72	5.06	919.48	0.79	41.95

0.975	15.98	51.55	0.57	5.06	1004.1	0.66	41.94
0.977	15.98	51.55	0.84	5.06	1901.6	0.69	41.94
0.984	15.98	51.54	0.65	5.06	1668.2	0.65	41.94
0.985	15.98	51.54	0.65	5.06	1361.6	0.73	41.94
0.991	15.99	51.55	0.69	5.05	1566.2	0.69	41.94
1.005	15.99	51.55	0.8	5.05	1667.4	0.69	41.93
1.02	16.0	51.55	0.61	5.05	1331.7	0.68	41.92
1.036	16.01	51.55	0.8	5.06	997.41	0.72	41.92
1.051	16.01	51.55	0.84	5.06	1141.5	0.73	41.91
1.067	16.01	51.55	0.69	5.07	1023.6	0.66	41.91
1.082	16.02	51.55	0.69	5.08	1239.6	0.6	41.91
1.095	16.02	51.55	0.72	5.1	1336.0	0.64	41.9
1.104	16.02	51.55	0.69	5.11	1362.6	0.66	41.91
1.112	16.02	51.57	0.61	5.12	1250.3	0.66	41.93
1.124	16.04	51.56	0.61	5.13	1722.4	0.66	41.9
1.137	16.06	51.55	0.8	5.14	1680.6	0.66	41.87
1.146	16.07	51.56	0.72	5.15	1524.0	0.63	41.86
1.153	16.09	51.59	0.72	5.17	2097.9	0.6	41.87
1.163	16.11	51.6	0.57	5.19	1140.4	0.62	41.85
1.172	16.13	51.58	0.88	5.21	1609.7	0.59	41.81
1.178	16.15	51.57	1.98	5.24	778.7	0.62	41.79
1.186	16.15	51.6	0.46	5.27	789.97	0.56	41.81
1.192	16.18	51.61	1.53	5.3	614.32	0.53	41.79
1.204	16.22	51.62	1.68	5.37	1261.7	0.58	41.76
1.21	16.24	51.62	0.0	5.38	1218.6	0.66	41.73
1.221	16.26	51.6	0.0	5.38	804.38	0.56	41.7
1.231	16.26	51.59	0.0	5.37	1478.1	0.55	41.69
1.241	16.26	51.67	0.0	5.36	1160.7	0.64	41.76
1.256	16.28	51.75	0.0	5.34	902.17	0.59	41.82
1.272	16.3	51.62	0.0	5.33	1225.3	0.59	41.67
1.282	16.31	51.68	0.0	5.31	708.6	0.56	41.71
1.288	16.33	51.82	0.0	5.29	1084.0	0.53	41.83
1.295	16.33	51.76	0.0	5.28	1162.8	0.6	41.77
1.301	16.34	51.68	0.0	5.27	1518.0	0.54	41.69
1.313	16.34	51.82	0.0	5.26	981.82	0.56	41.81
1.33	16.35	51.94	0.0	5.25	1688.0	0.6	41.91
1.344	16.37	51.74	0.0	5.25	973.43	0.56	41.7
1.352	16.39	51.85	0.0	5.24	1073.5	0.54	41.79
1.365	16.39	52.09	0.0	5.22	1038.0	0.56	42.0
1.381	16.39	51.82	0.0	5.22	1390.0	0.5	41.76
1.396	16.4	51.91	0.0	5.22	1207.3	0.51	41.82
1.414	16.42	52.1	0.0	5.21	1020.3	0.52	41.98
1.435	16.42	52.08	0.0	5.22	861.71	0.53	41.96
1.459	16.41	51.97	0.0	5.23	1194.5	0.53	41.87
1.477	16.4	52.02	0.0	5.26	838.85	0.56	41.93
1.489	16.41	52.17	0.0	5.29	1049.1	0.56	42.07
1.496	16.42	52.13	0.0	5.33	972.98	0.53	42.01
1.503	16.44	52.07	0.0	5.4	1263.1	0.53	41.94
1.514	16.45	52.29	1.3	5.46	1449.2	0.53	42.13
1.525	16.48	52.17	0.0	5.53	1130.4	0.56	41.98
1.531	16.51	52.07	1.11	5.61	781.96	0.53	41.87
1.538	16.52	52.23	0.53	5.67	1054.7	0.55	41.99
1.547	16.54	52.34	0.0	5.71	1139.1	0.53	42.08
1.557	16.55	52.38	0.0	5.75	861.31	0.56	42.09
1.566	16.56	52.23	0.0	5.78	1071.5	0.55	41.95
1.574	16.57	52.2	0.0	5.79	1184.0	0.56	41.92
1.58	16.57	52.32	0.23	5.79	1079.9	0.61	42.02
1.586	16.58	52.34	0.0	5.77	1006.5	0.63	42.03

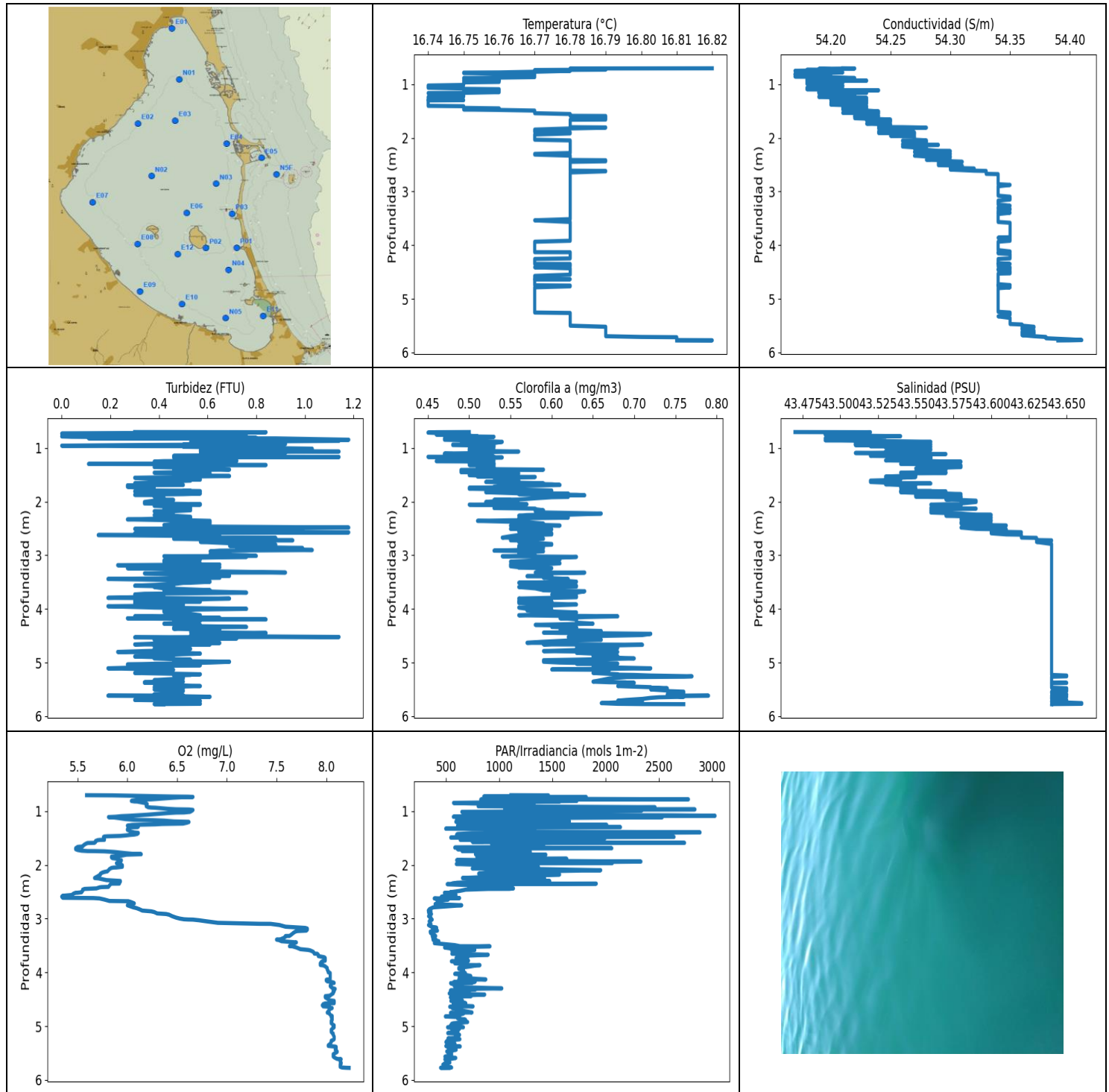
1.59	16.59	52.38	0.0	5.74	1190.4	0.56	42.06
1.594	16.59	52.38	0.0	5.72	691.89	0.59	42.06
1.596	16.6	52.53	1.07	5.59	567.64	0.53	42.18
1.597	16.61	52.45	0.0	5.56	371.42	0.56	42.1
1.601	16.61	52.39	0.42	5.53	339.01	0.57	42.04
1.602	16.61	52.55	0.0	5.39	336.34	0.57	42.19
1.605	16.61	52.61	0.0	5.35	330.7	0.53	42.24
1.615	16.62	52.49	0.0	5.32	315.8	0.53	42.12
1.632	16.62	52.7	0.72	5.24	326.36	0.48	42.31
1.638	16.63	52.62	0.0	5.21	322.6	0.48	42.23
1.648	16.64	52.49	0.0	5.19	325.08	0.48	42.11
1.66	16.63	52.77	0.0	5.16	303.17	0.47	42.37
1.671	16.64	52.76	0.0	5.14	302.82	0.51	42.35
1.68	16.65	52.43	1.37	5.13	298.22	0.54	42.04
1.685	16.66	52.73	0.99	5.1	303.45	0.51	42.31
1.687	16.66	53.01	0.88	5.09	297.4	0.51	42.56
1.69	16.65	52.57	0.95	5.1	282.81	0.5	42.16
1.696	16.65	52.56	0.95	5.1	281.17	0.51	42.15
1.703	16.63	52.98	1.03	5.1	278.32	0.54	42.56
1.709	16.6	52.98	0.88	5.13	284.52	0.5	42.6
1.715	16.6	52.64	0.88	5.17	281.44	0.56	42.29
1.719	16.6	52.67	0.8	5.21	272.7	0.53	42.31
1.723	16.62	52.75	0.8	5.27	279.16	0.55	42.36
1.731	16.62	52.65	0.84	5.34	275.24	0.54	42.27
1.741	16.61	52.7	0.99	5.4	274.22	0.59	42.33
1.754	16.6	52.91	0.95	5.46	273.27	0.63	42.53
1.764	16.6	52.8	0.95	5.51	274.67	0.54	42.43
1.771	16.59	52.73	0.99	5.55	283.4	0.56	42.38
1.778	16.58	53.06	0.92	5.56	271.57	0.6	42.69
1.785	16.58	52.88	0.88	5.57	264.85	0.56	42.52
1.793	16.58	52.75	0.95	5.58	265.84	0.56	42.4
1.801	16.59	52.91	0.88	5.57	272.2	0.51	42.54
1.806	16.61	53.08	1.07	5.55	271.06	0.56	42.67
1.81	16.62	52.88	0.88	5.55	263.32	0.56	42.48
1.816	16.63	52.78	1.03	5.54	258.55	0.56	42.38
1.822	16.63	53.08	0.92	5.51	260.71	0.56	42.65
1.827	16.64	52.97	0.99	5.49	264.06	0.56	42.53
1.833	16.65	52.73	1.03	5.47	260.71	0.56	42.31
1.84	16.66	53.12	0.95	5.44	261.74	0.62	42.66
1.85	16.66	53.03	1.03	5.41	266.64	0.57	42.57
1.864	16.67	52.72	0.99	5.4	265.04	0.6	42.28
1.879	16.67	53.02	0.92	5.39	260.59	0.63	42.55
1.891	16.65	53.19	0.92	5.38	265.59	0.6	42.73
1.894	16.59	53.07	1.03	5.72	255.98	0.6	42.69
1.898	16.59	52.84	1.03	5.84	247.69	0.62	42.47
1.905	16.6	53.08	0.95	5.93	246.83	0.62	42.68
1.915	16.6	53.14	0.99	6.03	246.78	0.6	42.74
1.924	16.59	52.82	0.76	6.13	250.99	0.61	42.46
1.934	16.59	53.06	0.92	6.2	253.44	0.6	42.68
1.947	16.56	53.24	0.92	6.24	252.15	0.64	42.87
1.958	16.56	52.92	0.76	6.27	249.19	0.6	42.58
1.962	16.57	52.97	0.92	6.26	244.1	0.63	42.62
1.964	16.57	53.3	0.92	6.22	245.86	0.63	42.92
1.971	16.57	53.05	0.84	6.19	249.65	0.63	42.69
1.982	16.57	52.91	0.95	6.14	248.79	0.69	42.56
1.994	16.57	53.19	1.07	6.08	244.16	0.63	42.82
2.007	16.56	53.3	0.99	6.03	240.06	0.63	42.93
2.02	16.56	53.0	0.84	6.01	238.73	0.63	42.65

2.03	16.57	53.12	0.88	6.0	242.75	0.66	42.75
2.043	16.58	53.22	0.8	6.01	242.07	0.64	42.84
2.056	16.58	53.04	0.88	6.04	237.46	0.62	42.67
2.069	16.59	53.08	0.95	6.07	235.0	0.63	42.69
2.081	16.59	53.26	0.84	6.09	238.12	0.66	42.86
2.091	16.6	53.25	0.88	6.1	241.57	0.64	42.84
2.102	16.6	53.03	0.88	6.1	239.23	0.63	42.65
2.116	16.59	53.22	0.88	6.08	236.47	0.68	42.82
2.134	16.59	53.3	0.72	6.05	238.68	0.64	42.89
2.149	16.59	53.07	0.8	6.03	241.23	0.66	42.68
2.159	16.61	53.21	0.8	6.0	242.75	0.62	42.79
2.169	16.62	53.4	0.95	5.97	241.07	0.68	42.95
2.181	16.63	53.21	0.84	5.95	239.62	0.66	42.77
2.192	16.64	53.12	1.26	5.94	242.24	0.61	42.68
2.203	16.65	53.38	1.22	5.93	243.03	0.62	42.9
2.215	16.65	53.28	1.26	5.92	240.23	0.69	42.81
2.225	16.66	53.07	0.99	5.93	239.34	0.72	42.61
2.232	16.66	53.35	1.14	5.92	242.19	0.67	42.87
2.241	16.63	53.43	1.14	5.93	244.27	0.64	42.97
2.255	16.63	53.16	1.11	5.94	241.85	0.69	42.73
2.269	16.64	53.19	1.14	5.96	237.63	0.66	42.74
2.281	16.64	53.37	1.18	5.99	239.67	0.66	42.91
2.295	16.62	53.35	1.11	6.01	242.75	0.63	42.91
2.31	16.61	53.27	0.99	6.04	243.09	0.66	42.85
2.321	16.61	53.27	0.99	6.05	242.52	0.63	42.84
2.328	16.61	53.38	0.99	6.06	240.79	0.66	42.94
2.34	16.62	53.37	1.11	6.05	237.9	0.67	42.93
2.352	16.63	53.2	1.18	6.04	238.23	0.64	42.76
2.358	16.64	53.39	1.11	6.01	240.73	0.66	42.92
2.363	16.65	53.45	0.95	5.98	244.5	0.63	42.97
2.371	16.66	53.28	0.99	5.96	243.26	0.69	42.8
2.382	16.67	53.23	1.07	5.95	239.34	0.64	42.74
2.391	16.68	53.27	1.03	5.94	238.84	0.69	42.77
2.395	16.69	53.27	0.95	5.92	239.45	0.66	42.77
2.4	16.69	53.31	0.84	5.91	242.47	0.66	42.8
2.409	16.69	53.48	0.88	5.88	245.24	0.66	42.96
2.423	16.68	53.4	0.95	5.85	247.23	0.66	42.89
2.438	16.68	53.25	1.07	5.82	243.59	0.66	42.76
2.45	16.69	53.44	1.07	5.79	240.45	0.69	42.92
2.46	16.7	53.42	0.99	5.77	242.69	0.69	42.89
2.465	16.7	53.38	0.8	5.75	248.38	0.67	42.85
2.476	16.7	53.5	0.99	5.74	253.56	0.67	42.96
2.489	16.71	53.43	1.07	5.75	251.45	0.66	42.88
2.503	16.72	53.42	1.07	5.75	246.61	0.65	42.86
2.516	16.73	53.54	0.99	5.75	245.86	0.71	42.96
2.527	16.74	53.4	1.07	5.75	249.6	0.7	42.83
2.532	16.75	53.37	1.07	5.75	252.1	0.69	42.79
2.535	16.75	53.56	0.99	5.74	251.98	0.69	42.96
2.537	16.76	53.59	0.99	5.74	252.33	0.66	42.97
2.546	16.77	53.42	0.99	5.75	253.33	0.66	42.81
2.558	16.77	53.44	1.03	5.76	251.98	0.66	42.82
2.575	16.78	53.48	1.14	5.77	251.16	0.69	42.85
2.588	16.79	53.51	0.92	5.8	253.97	0.67	42.87
2.597	16.79	53.41	0.84	5.81	259.15	0.69	42.78
2.604	16.78	53.65	0.92	5.8	261.98	0.66	43.01
2.614	16.78	53.57	0.95	5.8	260.29	0.71	42.93
2.625	16.78	53.38	0.92	5.79	257.53	0.69	42.76
2.633	16.78	53.58	0.99	5.76	257.95	0.69	42.94

2.642	16.77	53.7	0.92	5.73	262.59	0.69	43.06
2.654	16.77	53.45	0.92	5.71	267.13	0.71	42.85
2.665	16.77	53.5	0.76	5.7	267.32	0.72	42.88
2.674	16.75	53.66	0.95	5.7	266.95	0.72	43.05
2.686	16.73	53.54	0.95	5.71	270.44	0.69	42.96
2.699	16.73	53.5	0.84	5.73	273.65	0.69	42.93
2.712	16.74	53.64	0.95	5.76	275.37	0.72	43.05
2.721	16.75	53.67	0.99	5.79	275.5	0.7	43.06
2.73	16.75	53.59	0.95	5.83	277.81	0.75	42.98
2.739	16.76	53.59	0.92	5.86	281.3	0.69	42.98
2.747	16.76	53.68	0.99	5.89	283.14	0.7	43.06
2.755	16.77	53.65	0.8	5.92	284.78	0.66	43.03
2.761	16.77	53.56	0.92	5.95	285.31	0.7	42.93
2.766	16.78	53.7	0.88	5.97	286.5	0.69	43.05
2.776	16.79	53.7	0.92	5.99	290.04	0.72	43.04
2.788	16.79	53.7	0.88	6.01	289.44	0.69	43.03
2.799	16.8	53.63	0.84	6.02	293.29	0.73	42.97
2.809	16.81	53.76	0.92	6.03	297.74	0.69	43.08
2.821	16.82	53.7	1.03	6.04	302.96	0.71	43.01
2.829	16.83	53.58	0.92	6.04	305.57	0.72	42.89
2.841	16.83	53.76	0.88	6.03	304.09	0.73	43.05
2.864	16.84	53.83	0.99	6.01	307.2	0.73	43.11
2.881	16.84	53.51	0.92	6.0	315.21	0.7	42.82
2.889	16.82	53.65	0.92	5.98	316.97	0.71	42.96
2.896	16.79	53.8	0.99	5.95	322.0	0.71	43.13
2.905	16.78	53.61	0.88	5.93	328.64	0.73	42.97
2.916	16.78	53.67	0.92	5.93	327.8	0.79	43.03
2.925	16.78	53.81	0.88	5.95	322.23	0.8	43.15
2.931	16.79	53.69	0.88	6.0	327.42	0.79	43.04
2.937	16.79	53.6	0.95	6.05	334.01	0.76	42.95
2.945	16.79	53.79	0.88	6.09	344.63	0.79	43.12
2.955	16.79	53.76	0.95	6.12	343.75	0.76	43.1
2.966	16.79	53.62	0.88	6.13	343.2	0.74	42.98
2.972	16.79	53.7	0.95	6.11	337.52	0.74	43.04
2.976	16.8	53.78	0.92	6.07	343.36	0.77	43.11
2.982	16.8	53.76	1.03	6.0	359.73	0.72	43.09
2.995	16.79	53.71	0.92	5.94	367.57	0.76	43.05
3.01	16.78	53.72	0.95	5.87	364.34	0.77	43.07
3.024	16.78	53.8	0.92	5.81	357.4	0.72	43.14
3.035	16.78	53.82	0.88	5.77	367.48	0.77	43.16
3.044	16.79	53.77	0.92	5.74	373.84	0.78	43.11
3.054	16.79	53.75	1.18	5.73	386.35	0.78	43.09
3.067	16.8	53.86	1.03	5.74	395.59	0.76	43.18
3.082	16.81	53.83	1.11	5.76	406.56	0.79	43.14
3.097	16.82	53.72	0.95	5.78	399.0	0.76	43.03
3.108	16.82	53.75	1.11	5.8	397.15	0.76	43.05
3.116	16.83	53.87	1.18	5.81	409.97	0.75	43.15
3.127	16.84	53.84	1.07	5.81	438.67	0.76	43.12
3.142	16.85	53.77	1.07	5.81	568.69	0.78	43.04
3.162	16.85	53.92	1.22	5.78	553.09	0.76	43.17
3.18	16.86	53.79	1.18	5.77	469.5	0.74	43.05
3.191	16.86	53.74	1.18	5.74	458.63	0.77	43.0
3.193	16.86	53.89	1.03	5.71	485.88	0.76	43.14
3.199	16.85	53.85	1.3	5.69	587.18	0.79	43.11
3.208	16.85	53.77	1.37	5.66	614.89	0.76	43.04
3.221	16.85	53.8	1.49	5.63	628.44	0.79	43.07
3.232	16.85	53.76	1.37	5.61	569.09	0.73	43.03
3.243	16.85	53.84	1.3	5.57	528.28	0.78	43.1

3.251	16.85	53.81	1.26	5.54	622.35	0.8	43.08
3.254	16.85	53.84	1.26	5.5	618.04	0.78	43.11
3.261	16.84	53.92	1.37	5.47	579.87	0.78	43.19
3.271	16.84	53.91	1.45	5.44	570.28	0.78	43.18
3.284	16.85	53.79	1.45	5.42	670.11	0.76	43.06
3.299	16.85	53.84	1.34	5.41	585.14	0.76	43.1
3.313	16.86	53.98	1.41	5.41	647.51	0.78	43.22
3.329	16.86	53.91	1.18	5.42	652.63	0.76	43.16
3.342	16.87	53.77	1.26	5.45	613.19	0.69	43.02
3.353	16.87	53.88	1.18	5.47	654.45	0.72	43.12
3.367	16.85	54.02	1.22	5.5	639.6	0.72	43.26
3.385	16.84	53.91	1.26	5.53	616.18	0.79	43.18
3.398	16.85	53.82	1.49	5.56	611.62	0.83	43.09
3.409	16.85	53.96	1.3	5.57	675.88	0.88	43.21
3.417	16.85	53.99	1.53	5.58	637.83	0.94	43.24
3.427	16.85	53.92	1.45	5.58	671.51	0.82	43.18
3.437	16.85	53.94	1.37	5.58	691.89	0.9	43.2
3.445	16.85	53.92	1.3	5.57	628.58	0.91	43.17
3.448	16.87	54.02	1.56	5.52	668.4	0.85	43.25
3.454	16.87	54.0	1.26	5.52	693.81	0.92	43.23
3.477	16.87	54.01	1.18	5.53	656.88	1.01	43.23
3.498	16.88	53.83	1.53	5.56	689.97	0.97	43.07
3.505	16.88	53.97	1.34	5.59	667.01	0.96	43.19
3.508	16.86	54.06	1.3	5.63	600.81	1.01	43.29
3.516	16.85	53.93	1.3	5.68	655.21	0.99	43.19
3.532	16.86	53.89	1.34	5.72	738.45	1.07	43.14
3.549	16.86	53.97	1.41	5.77	596.37	1.02	43.2
3.56	16.87	53.98	1.49	5.8	702.71	1.0	43.21
3.571	16.86	54.03	1.34	5.81	642.87	1.0	43.26
3.591	16.86	54.01	1.3	5.81	650.37	1.03	43.24
3.613	16.86	53.9	1.49	5.81	700.44	0.99	43.15
3.626	16.85	54.02	1.26	5.81	691.09	0.98	43.26
3.637	16.85	54.08	1.45	5.81	668.09	1.0	43.32
3.646	16.85	54.01	1.56	5.82	625.24	1.01	43.25
3.655	16.85	53.97	1.34	5.84	668.71	1.02	43.22
3.668	16.86	54.06	1.3	5.87	628.44	1.03	43.29
3.683	16.87	54.01	1.3	5.91	699.95	0.98	43.24
3.697	16.87	53.99	1.26	5.93	615.32	0.98	43.21
3.707	16.87	54.02	1.49	5.93	654.75	1.01	43.24
3.718	16.88	54.11	1.45	5.92	650.82	1.0	43.32
3.733	16.88	54.02	1.56	5.9	621.92	1.01	43.23
3.75	16.89	53.96	1.34	5.89	657.49	1.01	43.17
3.764	16.89	53.98	1.37	5.86	665.93	1.01	43.19
3.777	16.89	54.05	1.3	5.82	626.4	1.01	43.25
3.794	16.89	54.06	1.53	5.82	615.75	1.01	43.26
3.813	16.89	54.08	1.45	5.8	594.99	1.06	43.28
3.829	16.89	54.02	1.56	5.79	632.09	1.05	43.23
3.841	16.88	54.06	1.72	5.79	624.08	1.01	43.27
3.854	16.88	54.13	1.22	5.79	605.28	1.02	43.33
3.867	16.89	54.12	1.56	5.79	570.81	1.01	43.31
3.882	16.89	54.05	1.53	5.79	598.3	1.03	43.25
3.897	16.89	54.04	1.3	5.82	576.79	1.02	43.24
3.909	16.9	54.14	1.34	5.83	616.18	1.07	43.32
3.923	16.9	54.12	1.37	5.85	567.51	1.07	43.31
3.937	16.9	54.04	1.53	5.86	594.71	1.05	43.22
3.955	16.91	54.12	1.34	5.86	555.53	1.05	43.29
3.976	16.91	54.19	1.45	5.85	528.16	1.08	43.36
4.001	16.91	54.11	1.49	5.83	597.61	1.04	43.28

4.023	16.91	54.02	1.49	5.81	568.03	1.06	43.2
4.038	16.91	54.16	1.22	5.76	552.07	1.1	43.32
4.052	16.91	54.26	1.3	5.73	559.02	1.08	43.41
4.074	16.91	54.11	1.45	5.7	562.53	1.1	43.28
4.093	16.91	54.11	1.34	5.67	571.07	1.04	43.28
4.101	16.91	54.26	1.37	5.65	551.94	1.08	43.42
4.103	16.92	54.27	1.3	5.65	585.41	1.09	43.43
4.106	16.92	54.2	1.37	5.66	568.3	1.15	43.35
4.11	16.92	54.31	1.41	5.68	551.81	1.08	43.45



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.74	54.17	0.0	5.34	333.47	0.45	43.47
PROF (metros)	1.024	0.75	0.731	2.59	2.849	0.713	0.703
MÁXIMO	16.82	16.82	1.18	8.23	3028.5	0.79	43.66
PROF (metros)	0.703	5.768	0.846	5.775	1.086	5.616	5.755

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	16.77	54.19	0.56	6.27	1516.44	0.49	43.52
1 - 2m	16.76	54.23	0.53	5.96	1161.44	0.54	43.55
2 - 3m	16.78	54.3	0.59	5.84	757.08	0.57	43.6
3 - 4m	16.78	54.34	0.49	7.67	520.46	0.59	43.64
4 - 5m	16.77	54.34	0.5	8.04	644.76	0.63	43.64
5 - 6m	16.78	54.36	0.43	8.09	549.26	0.7	43.64

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)
0.703	16.82	54.21	0.3	5.59	1110.1	0.5	43.47
0.706	16.78	54.22	0.84	5.85	1463.1	0.46	43.52
0.713	16.79	54.19	0.8	6.05	1148.6	0.45	43.5
0.72	16.79	54.2	0.38	6.27	1123.6	0.46	43.5
0.728	16.79	54.2	0.08	6.46	854.35	0.5	43.5
0.731	16.78	54.18	0.0	6.61	1461.7	0.5	43.49
0.735	16.77	54.19	0.76	6.66	1376.2	0.46	43.51
0.738	16.77	54.2	0.27	6.57	1818.4	0.47	43.51
0.75	16.78	54.17	0.38	6.46	1412.4	0.46	43.49
0.767	16.77	54.19	0.04	6.34	1007.4	0.49	43.5
0.78	16.76	54.21	0.08	6.24	2778.3	0.51	43.54
0.784	16.75	54.18	0.0	6.15	825.92	0.5	43.53
0.791	16.75	54.19	0.04	6.09	1309.0	0.53	43.53
0.802	16.76	54.18	0.42	6.05	1315.1	0.48	43.51
0.81	16.76	54.17	0.8	6.04	1729.6	0.49	43.5
0.819	16.77	54.19	0.11	6.07	1269.6	0.47	43.51
0.821	16.77	54.17	0.88	6.1	1568.8	0.47	43.49
0.846	16.77	54.2	1.18	6.17	570.41	0.47	43.52
0.856	16.77	54.17	1.07	6.19	738.45	0.5	43.49
0.867	16.77	54.2	1.14	6.2	1003.0	0.51	43.52
0.885	16.75	54.22	0.53	6.19	1328.9	0.54	43.56
0.908	16.76	54.18	0.8	6.19	801.78	0.53	43.51
0.927	16.76	54.18	0.92	6.21	2464.6	0.49	43.51
0.933	16.75	54.23	0.5	6.24	2112.6	0.52	43.56
0.936	16.75	54.2	0.65	6.28	2049.4	0.48	43.54
0.945	16.76	54.18	0.3	6.34	1049.6	0.48	43.51
0.957	16.76	54.21	0.0	6.41	1485.6	0.53	43.54
0.965	16.75	54.21	0.3	6.49	1279.0	0.5	43.55
0.967	16.75	54.18	0.57	6.57	2839.5	0.53	43.52
0.969	16.75	54.2	0.88	6.62	2031.9	0.5	43.54
0.977	16.75	54.21	0.5	6.66	2085.8	0.5	43.56
0.992	16.75	54.18	0.72	6.65	2337.2	0.53	43.53
1.013	16.75	54.2	1.03	6.63	648.41	0.5	43.55
1.024	16.74	54.21	0.84	6.57	655.82	0.5	43.56
1.026	16.74	54.2	0.72	6.49	804.94	0.52	43.56
1.036	16.74	54.21	0.57	6.4	767.59	0.5	43.56

1.051	16.74	54.19	0.57	6.3	1066.5	0.5	43.54
1.066	16.74	54.18	1.14	6.2	993.49	0.56	43.53
1.077	16.75	54.21	0.57	6.1	2644.5	0.52	43.55
1.086	16.75	54.2	0.8	6.02	3028.5	0.5	43.54
1.093	16.76	54.18	0.92	5.94	775.46	0.52	43.51
1.104	16.76	54.21	0.76	5.88	568.56	0.47	43.54
1.11	16.76	54.2	0.88	5.81	1745.7	0.48	43.53
1.113	16.76	54.24	0.57	5.85	2532.3	0.47	43.57
1.13	16.75	54.2	0.69	5.92	1238.5	0.48	43.53
1.147	16.76	54.19	0.46	5.98	618.47	0.52	43.52
1.16	16.75	54.23	0.69	6.07	598.58	0.53	43.56
1.165	16.74	54.22	0.92	6.16	978.63	0.45	43.56
1.168	16.74	54.19	1.14	6.26	726.23	0.48	43.54
1.176	16.75	54.22	0.46	6.37	1191.5	0.54	43.56
1.191	16.75	54.21	0.5	6.47	1660.1	0.5	43.55
1.197	16.75	54.21	0.53	6.6	591.96	0.51	43.55
1.201	16.75	54.22	0.65	6.62	820.77	0.5	43.56
1.214	16.75	54.2	0.57	6.6	1651.6	0.5	43.54
1.231	16.75	54.19	0.65	6.56	671.2	0.49	43.53
1.238	16.74	54.19	0.72	6.35	619.18	0.53	43.55
1.245	16.74	54.21	0.42	6.28	752.09	0.46	43.56
1.253	16.74	54.22	0.38	6.1	814.51	0.51	43.57
1.255	16.74	54.23	0.57	6.05	2010.8	0.5	43.58
1.269	16.74	54.2	0.69	6.0	608.09	0.52	43.55
1.28	16.74	54.2	0.42	6.02	903.43	0.53	43.55
1.287	16.74	54.22	0.65	6.06	766.52	0.53	43.57
1.29	16.74	54.23	0.5	6.11	1355.6	0.5	43.57
1.292	16.74	54.21	0.61	6.09	1256.7	0.53	43.56
1.297	16.75	54.2	0.11	6.04	2139.7	0.53	43.54
1.302	16.74	54.23	0.57	6.02	768.3	0.53	43.57
1.31	16.74	54.21	0.61	6.02	1126.0	0.53	43.56
1.317	16.74	54.21	0.84	6.02	1035.8	0.5	43.56
1.325	16.74	54.23	0.53	6.01	496.93	0.53	43.58
1.337	16.74	54.21	0.5	6.0	1333.8	0.52	43.56
1.347	16.74	54.2	0.42	6.0	866.51	0.53	43.56
1.355	16.74	54.23	0.38	6.01	1186.5	0.53	43.58
1.365	16.74	54.22	0.5	6.02	1131.7	0.51	43.57
1.38	16.74	54.2	0.46	6.04	1314.8	0.53	43.55
1.395	16.74	54.22	0.65	6.07	2887.3	0.53	43.57
1.403	16.74	54.22	0.69	6.11	2296.4	0.59	43.57
1.409	16.75	54.23	0.53	6.11	741.88	0.49	43.57
1.423	16.75	54.22	0.46	6.1	608.37	0.49	43.56
1.435	16.75	54.21	0.57	6.07	599.83	0.5	43.55
1.441	16.75	54.22	0.5	6.03	1333.8	0.55	43.56
1.45	16.76	54.23	0.5	5.99	1768.1	0.49	43.57
1.46	16.76	54.21	0.38	5.93	597.47	0.53	43.54
1.467	16.75	54.23	0.5	5.8	754.01	0.5	43.57
1.471	16.75	54.21	0.61	5.77	1073.2	0.56	43.55
1.479	16.76	54.22	0.5	5.76	2642.7	0.53	43.55
1.491	16.77	54.23	0.57	5.76	544.19	0.5	43.55
1.507	16.77	54.24	0.46	5.76	1993.2	0.5	43.55
1.523	16.77	54.22	0.69	5.77	1463.7	0.53	43.54
1.533	16.77	54.21	0.5	5.77	632.97	0.51	43.53
1.535	16.77	54.22	0.53	5.72	1784.1	0.54	43.54
1.54	16.77	54.24	0.5	5.7	734.52	0.58	43.55
1.555	16.78	54.23	0.3	5.68	933.01	0.53	43.54
1.574	16.78	54.22	0.46	5.68	749.48	0.56	43.53
1.589	16.78	54.22	0.57	5.67	2741.9	0.56	43.53

1.591	16.79	54.24	0.42	5.62	1967.5	0.56	43.54
1.592	16.79	54.24	0.53	5.6	1506.1	0.56	43.54
1.608	16.79	54.22	0.53	5.58	927.62	0.56	43.52
1.633	16.79	54.22	0.38	5.56	1234.5	0.52	43.52
1.658	16.79	54.25	0.3	5.55	1018.0	0.59	43.54
1.661	16.78	54.25	0.38	5.52	1300.6	0.56	43.56
1.665	16.78	54.23	0.46	5.5	1422.3	0.56	43.54
1.677	16.78	54.23	0.46	5.49	582.03	0.6	43.53
1.689	16.78	54.24	0.5	5.48	2057.9	0.61	43.54
1.696	16.78	54.25	0.27	5.48	820.77	0.59	43.55
1.707	16.78	54.24	0.38	5.48	608.37	0.54	43.54
1.722	16.78	54.24	0.27	5.5	884.16	0.53	43.54
1.735	16.78	54.23	0.3	5.54	951.13	0.53	43.54
1.742	16.78	54.24	0.38	5.6	651.12	0.5	43.54
1.743	16.78	54.25	0.38	5.68	671.51	0.53	43.55
1.747	16.78	54.25	0.38	5.77	1172.0	0.53	43.55
1.759	16.78	54.25	0.38	5.87	1292.4	0.5	43.55
1.779	16.78	54.25	0.38	5.97	1056.4	0.57	43.55
1.793	16.78	54.24	0.38	6.05	896.54	0.6	43.54
1.798	16.78	54.24	0.53	6.11	857.52	0.6	43.54
1.8	16.78	54.26	0.5	6.14	776.0	0.56	43.56
1.805	16.79	54.27	0.57	6.04	1230.5	0.57	43.56
1.809	16.79	54.28	0.3	5.99	1438.2	0.53	43.57
1.824	16.78	54.24	0.38	5.95	1198.9	0.52	43.54
1.845	16.77	54.25	0.46	5.84	789.06	0.56	43.56
1.849	16.77	54.26	0.57	5.84	1109.4	0.62	43.57
1.86	16.77	54.26	0.5	5.84	867.52	0.56	43.58
1.873	16.77	54.25	0.3	5.85	963.11	0.63	43.56
1.881	16.77	54.24	0.42	5.88	838.65	0.64	43.55
1.885	16.77	54.26	0.42	5.9	1634.9	0.6	43.57
1.896	16.78	54.27	0.38	5.91	987.75	0.6	43.58
1.908	16.78	54.24	0.38	5.92	882.93	0.58	43.55
1.911	16.78	54.25	0.42	5.94	599.69	0.62	43.56
1.917	16.78	54.27	0.42	5.94	763.69	0.6	43.58
1.937	16.77	54.27	0.42	5.93	2331.8	0.58	43.58
1.961	16.77	54.25	0.42	5.91	1175.8	0.56	43.57
1.967	16.77	54.26	0.46	5.89	2062.2	0.53	43.58
1.97	16.77	54.27	0.46	5.91	833.81	0.55	43.58
1.982	16.77	54.27	0.38	5.93	596.78	0.54	43.59
2.006	16.77	54.27	0.34	5.95	936.26	0.52	43.59
2.034	16.77	54.27	0.34	5.95	1368.3	0.56	43.58
2.047	16.78	54.28	0.57	5.89	1282.3	0.56	43.58
2.049	16.78	54.26	0.53	5.86	1126.0	0.57	43.57
2.056	16.78	54.26	0.57	5.84	899.67	0.5	43.56
2.066	16.78	54.27	0.5	5.83	746.54	0.54	43.57
2.078	16.78	54.28	0.38	5.82	1400.4	0.53	43.58
2.098	16.78	54.27	0.46	5.81	1953.8	0.54	43.57
2.119	16.78	54.26	0.53	5.8	1345.9	0.53	43.56
2.13	16.78	54.29	0.46	5.77	876.0	0.58	43.59
2.141	16.78	54.27	0.42	5.75	889.09	0.58	43.57
2.161	16.78	54.26	0.53	5.73	807.0	0.59	43.56
2.177	16.78	54.27	0.46	5.73	997.41	0.58	43.57
2.179	16.78	54.28	0.38	5.73	1567.3	0.58	43.57
2.187	16.78	54.27	0.42	5.72	1438.2	0.59	43.57
2.202	16.78	54.27	0.42	5.71	1088.7	0.59	43.56
2.222	16.78	54.28	0.42	5.69	908.68	0.66	43.58
2.243	16.78	54.29	0.42	5.67	654.45	0.62	43.59
2.247	16.78	54.3	0.46	5.69	1426.6	0.58	43.6

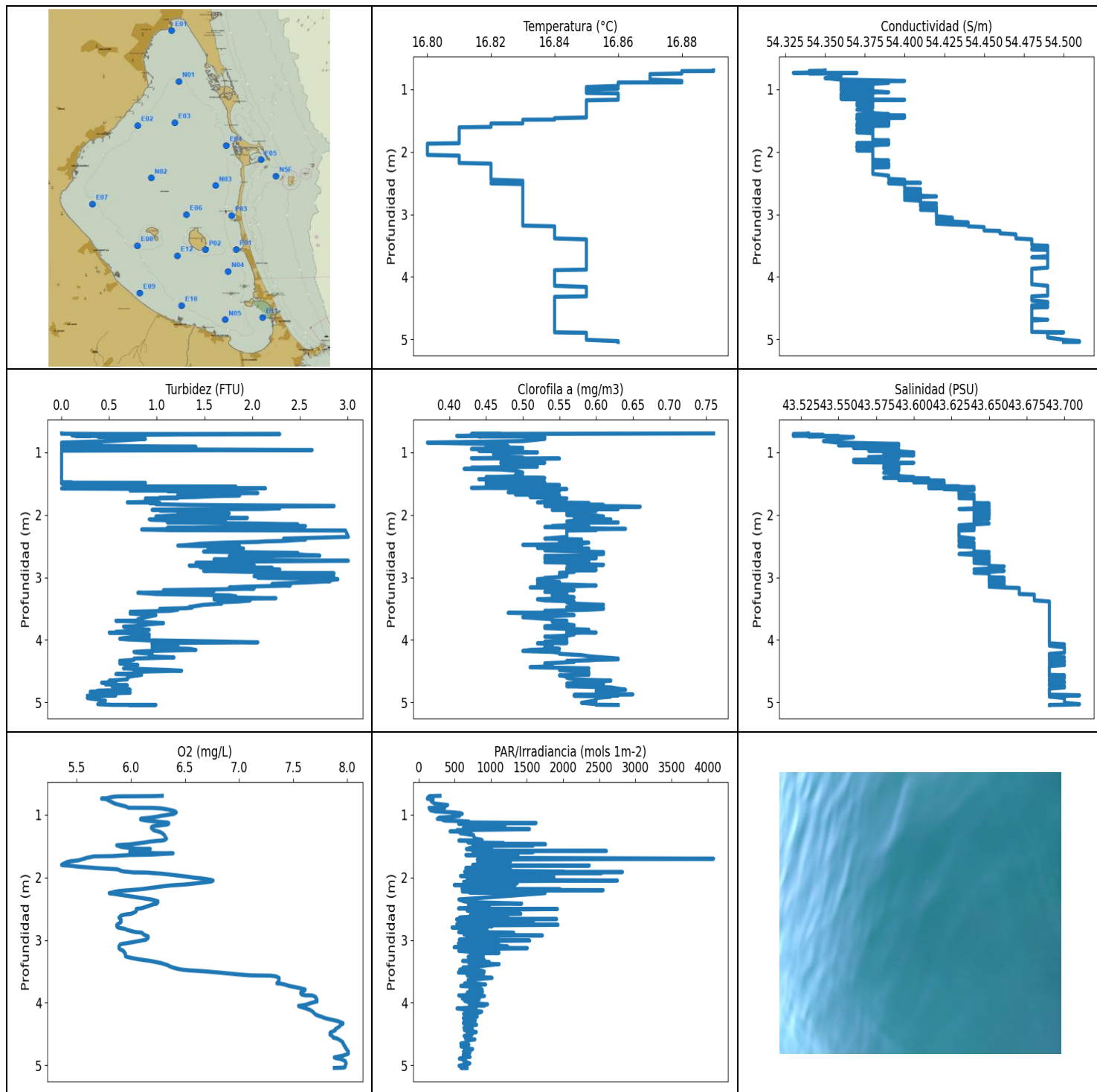
2.25	16.78	54.29	0.38	5.71	739.82	0.57	43.59
2.262	16.78	54.27	0.46	5.74	720.53	0.56	43.57
2.282	16.78	54.28	0.53	5.79	1223.4	0.58	43.59
2.298	16.77	54.3	0.53	5.93	1474.3	0.62	43.6
2.311	16.77	54.28	0.46	5.93	814.7	0.56	43.59
2.331	16.78	54.27	0.27	5.92	603.32	0.57	43.58
2.347	16.78	54.28	0.46	5.92	555.28	0.56	43.59
2.348	16.78	54.3	0.53	5.84	1912.2	0.55	43.6
2.358	16.78	54.3	0.61	5.83	511.18	0.51	43.6
2.382	16.78	54.29	0.61	5.82	804.57	0.57	43.58
2.408	16.78	54.28	0.61	5.81	871.95	0.59	43.58
2.412	16.78	54.29	0.57	5.74	716.03	0.58	43.59
2.417	16.79	54.3	0.46	5.72	712.23	0.56	43.6
2.436	16.79	54.3	0.42	5.69	1134.1	0.59	43.59
2.445	16.78	54.31	0.5	5.58	1095.3	0.61	43.61
2.446	16.78	54.3	0.46	5.57	896.13	0.55	43.6
2.46	16.78	54.29	0.46	5.55	683.91	0.56	43.59
2.483	16.78	54.29	1.18	5.55	627.56	0.56	43.58
2.508	16.78	54.29	0.3	5.54	538.17	0.55	43.59
2.517	16.78	54.31	0.72	5.5	586.63	0.6	43.61
2.518	16.78	54.31	0.38	5.48	485.21	0.56	43.6
2.532	16.78	54.3	0.99	5.46	581.62	0.56	43.6
2.559	16.78	54.3	0.61	5.44	594.16	0.56	43.6
2.571	16.78	54.32	1.18	5.37	517.98	0.58	43.62
2.572	16.78	54.31	1.18	5.35	499.01	0.59	43.6
2.59	16.78	54.3	0.3	5.34	456.41	0.6	43.6
2.611	16.78	54.32	0.57	5.35	461.83	0.6	43.61
2.616	16.79	54.33	0.5	5.66	627.85	0.59	43.62
2.623	16.79	54.33	0.15	5.72	389.22	0.56	43.62
2.644	16.78	54.33	0.65	5.77	521.59	0.55	43.62
2.67	16.78	54.33	0.53	5.82	416.09	0.54	43.62
2.675	16.78	54.34	0.88	6.01	453.24	0.58	43.63
2.692	16.78	54.34	0.46	6.04	443.99	0.59	43.63
2.716	16.78	54.34	0.8	6.07	418.51	0.55	43.63
2.721	16.78	54.34	0.95	6.03	422.6	0.55	43.64
2.728	16.78	54.34	0.72	6.01	397.34	0.58	43.64
2.75	16.78	54.34	0.57	6.0	647.36	0.56	43.63
2.789	16.78	54.34	0.76	6.06	379.6	0.6	43.64
2.802	16.78	54.34	0.88	6.09	365.19	0.6	43.64
2.823	16.78	54.34	0.69	6.12	343.28	0.56	43.64
2.849	16.78	54.34	0.8	6.15	333.47	0.56	43.64
2.863	16.78	54.34	0.99	6.24	358.9	0.59	43.64
2.876	16.78	54.35	0.72	6.27	335.18	0.56	43.64
2.902	16.78	54.34	1.03	6.3	339.4	0.56	43.64
2.913	16.78	54.34	0.65	6.39	363.59	0.53	43.64
2.926	16.78	54.34	0.61	6.42	347.36	0.59	43.64
2.953	16.78	54.34	0.69	6.45	336.03	0.56	43.64
2.98	16.78	54.34	0.61	6.49	358.73	0.56	43.64
2.999	16.78	54.34	0.76	6.53	352.79	0.58	43.64
3.011	16.78	54.34	0.8	6.57	353.61	0.56	43.64
3.015	16.78	54.34	0.65	6.61	355.26	0.55	43.64
3.017	16.78	54.34	0.42	6.66	370.22	0.54	43.64
3.029	16.78	54.34	0.76	6.72	351.49	0.63	43.64
3.05	16.78	54.34	0.5	6.8	341.61	0.6	43.64
3.077	16.78	54.34	0.57	6.91	349.13	0.61	43.64
3.095	16.78	54.35	0.53	7.33	357.9	0.58	43.64
3.096	16.78	54.35	0.42	7.44	353.53	0.58	43.64
3.118	16.78	54.35	0.42	7.53	335.1	0.55	43.64

3.149	16.78	54.35	0.57	7.59	362.58	0.61	43.64
3.168	16.78	54.34	0.46	7.76	412.06	0.59	43.64
3.172	16.78	54.34	0.65	7.79	377.5	0.55	43.64
3.184	16.78	54.34	0.23	7.81	385.19	0.57	43.64
3.204	16.78	54.34	0.46	7.81	371.59	0.55	43.64
3.222	16.78	54.34	0.65	7.8	419.58	0.56	43.64
3.23	16.78	54.34	0.5	7.71	400.39	0.56	43.64
3.24	16.78	54.34	0.27	7.69	351.16	0.6	43.64
3.264	16.78	54.35	0.61	7.67	353.45	0.59	43.64
3.295	16.78	54.34	0.57	7.65	380.48	0.59	43.64
3.321	16.78	54.34	0.92	7.63	403.18	0.58	43.64
3.322	16.78	54.35	0.5	7.59	370.05	0.64	43.64
3.336	16.78	54.35	0.34	7.59	382.43	0.59	43.64
3.36	16.78	54.34	0.5	7.57	375.05	0.59	43.64
3.384	16.78	54.34	0.69	7.54	404.02	0.6	43.64
3.389	16.78	54.34	0.5	7.5	389.77	0.57	43.64
3.395	16.78	54.35	0.65	7.52	378.46	0.6	43.64
3.419	16.78	54.34	0.65	7.55	432.61	0.59	43.64
3.441	16.78	54.34	0.19	7.7	416.0	0.62	43.64
3.455	16.78	54.34	0.38	7.68	390.13	0.6	43.64
3.492	16.78	54.34	0.61	7.65	582.16	0.63	43.64
3.512	16.78	54.34	0.53	7.63	631.21	0.56	43.64
3.514	16.78	54.34	0.5	7.66	913.53	0.58	43.64
3.536	16.77	54.34	0.46	7.7	486.33	0.6	43.64
3.567	16.78	54.34	0.3	7.74	587.58	0.63	43.64
3.582	16.78	54.35	0.46	7.82	770.62	0.63	43.64
3.591	16.78	54.35	0.38	7.84	553.48	0.56	43.64
3.616	16.78	54.35	0.42	7.87	721.03	0.58	43.64
3.65	16.78	54.35	0.61	7.88	616.32	0.59	43.64
3.652	16.78	54.35	0.42	7.91	554.76	0.59	43.64
3.67	16.78	54.35	0.57	7.92	896.34	0.64	43.64
3.696	16.78	54.35	0.76	7.92	613.9	0.63	43.64
3.717	16.78	54.35	0.34	7.98	704.18	0.62	43.64
3.73	16.78	54.35	0.3	7.99	594.02	0.6	43.64
3.757	16.78	54.35	0.42	7.99	607.81	0.63	43.64
3.781	16.78	54.35	0.3	7.99	711.73	0.63	43.64
3.793	16.78	54.35	0.19	7.96	550.28	0.6	43.64
3.806	16.78	54.35	0.69	7.95	669.49	0.56	43.64
3.83	16.78	54.35	0.5	7.94	582.43	0.57	43.64
3.851	16.78	54.35	0.3	7.94	703.69	0.56	43.64
3.861	16.78	54.34	0.5	7.94	662.39	0.6	43.64
3.864	16.78	54.35	0.57	7.95	819.06	0.59	43.64
3.868	16.78	54.35	0.46	7.97	783.05	0.6	43.64
3.887	16.78	54.35	0.3	7.99	730.79	0.56	43.64
3.917	16.78	54.35	0.5	8.01	619.9	0.63	43.64
3.935	16.77	54.34	0.5	8.01	620.76	0.6	43.64
3.949	16.77	54.34	0.19	8.01	663.46	0.6	43.64
3.974	16.77	54.34	0.38	8.02	666.24	0.56	43.64
3.998	16.77	54.34	0.76	8.02	646.61	0.57	43.64
4.01	16.77	54.34	0.57	8.04	681.86	0.6	43.64
4.027	16.77	54.34	0.42	8.04	581.62	0.57	43.64
4.052	16.77	54.34	0.42	8.04	699.3	0.61	43.64
4.066	16.77	54.34	0.46	8.04	732.65	0.63	43.64
4.091	16.77	54.34	0.53	8.04	623.94	0.6	43.64
4.117	16.77	54.35	0.57	8.04	773.31	0.56	43.64
4.13	16.77	54.34	0.42	8.03	874.38	0.62	43.64
4.131	16.78	54.35	0.5	8.01	827.65	0.64	43.64
4.137	16.78	54.35	0.3	8.0	618.47	0.68	43.64

4.151	16.78	54.34	0.46	8.0	645.86	0.64	43.64
4.165	16.78	54.35	0.65	8.01	677.76	0.62	43.64
4.172	16.78	54.35	0.46	8.03	774.02	0.61	43.64
4.174	16.78	54.35	0.27	8.04	764.75	0.61	43.64
4.18	16.78	54.35	0.38	8.06	572.0	0.62	43.64
4.195	16.78	54.35	0.84	8.08	746.71	0.63	43.64
4.199	16.78	54.35	0.46	8.06	542.68	0.63	43.64
4.217	16.78	54.35	0.57	8.05	562.92	0.63	43.64
4.246	16.78	54.35	0.46	8.04	650.97	0.63	43.64
4.256	16.77	54.34	0.5	8.04	578.53	0.63	43.64
4.274	16.77	54.34	0.42	8.05	631.5	0.65	43.64
4.296	16.77	54.34	0.57	8.07	1024.4	0.58	43.64
4.306	16.77	54.34	0.5	8.09	703.37	0.6	43.64
4.317	16.77	54.34	0.5	8.08	777.08	0.6	43.64
4.335	16.77	54.34	0.76	8.07	541.05	0.6	43.64
4.348	16.77	54.35	0.5	8.07	679.65	0.63	43.64
4.349	16.78	54.35	0.46	8.07	719.03	0.61	43.64
4.351	16.78	54.34	0.5	8.08	632.82	0.63	43.64
4.369	16.78	54.34	0.46	8.07	590.86	0.63	43.64
4.39	16.78	54.34	0.65	8.07	530.0	0.61	43.64
4.411	16.77	54.35	0.57	8.05	863.71	0.66	43.64
4.431	16.78	54.35	0.53	8.04	623.36	0.64	43.64
4.441	16.78	54.34	0.69	7.99	735.89	0.59	43.64
4.447	16.78	54.35	0.84	7.99	626.98	0.61	43.64
4.463	16.78	54.34	0.69	7.99	540.42	0.72	43.64
4.486	16.78	54.35	0.53	8.01	612.9	0.71	43.64
4.509	16.78	54.35	0.72	8.03	606.4	0.64	43.64
4.522	16.78	54.35	1.14	8.04	655.21	0.62	43.64
4.524	16.78	54.35	0.61	8.06	581.22	0.63	43.64
4.529	16.78	54.34	0.3	8.08	545.46	0.64	43.64
4.549	16.78	54.34	0.72	8.08	620.91	0.63	43.64
4.572	16.77	54.34	0.5	8.08	685.98	0.66	43.64
4.576	16.77	54.34	0.38	7.99	639.16	0.66	43.64
4.588	16.77	54.34	0.46	7.97	567.11	0.62	43.64
4.611	16.77	54.34	0.5	7.96	596.64	0.59	43.64
4.631	16.77	54.34	0.42	7.97	754.36	0.57	43.64
4.634	16.78	54.34	0.65	8.0	612.33	0.63	43.64
4.638	16.77	54.34	0.42	8.03	534.81	0.62	43.64
4.661	16.77	54.34	0.3	8.05	628.15	0.59	43.64
4.662	16.77	54.34	0.61	8.06	558.25	0.63	43.64
4.668	16.77	54.34	0.42	8.05	580.81	0.71	43.64
4.694	16.77	54.34	0.38	8.03	611.91	0.63	43.64
4.726	16.77	54.34	0.42	8.02	697.85	0.68	43.64
4.744	16.77	54.35	0.53	8.01	744.29	0.63	43.64
4.747	16.77	54.34	0.38	8.01	623.36	0.64	43.64
4.752	16.78	54.35	0.42	8.03	541.68	0.63	43.64
4.766	16.78	54.34	0.5	8.03	663.15	0.63	43.64
4.785	16.77	54.35	0.34	8.04	625.97	0.59	43.64
4.801	16.77	54.34	0.23	8.05	610.07	0.68	43.64
4.809	16.77	54.34	0.38	8.06	626.55	0.65	43.64
4.814	16.77	54.34	0.38	8.06	536.68	0.64	43.64
4.818	16.77	54.34	0.5	8.05	493.49	0.63	43.64
4.832	16.77	54.34	0.57	8.05	624.52	0.65	43.64
4.856	16.77	54.34	0.42	8.06	609.22	0.65	43.64
4.878	16.77	54.34	0.46	8.06	683.12	0.68	43.64
4.886	16.77	54.34	0.3	8.06	634.44	0.65	43.64
4.897	16.77	54.34	0.38	8.05	647.21	0.66	43.64
4.922	16.77	54.34	0.38	8.05	703.37	0.7	43.64

4.945	16.77	54.34	0.53	8.05	568.43	0.63	43.64
4.955	16.77	54.34	0.46	8.06	552.71	0.59	43.64
4.975	16.77	54.34	0.53	8.07	559.8	0.59	43.64
4.984	16.77	54.34	0.69	8.08	542.81	0.59	43.64
4.999	16.77	54.34	0.61	8.07	592.92	0.61	43.64
5.019	16.77	54.34	0.42	8.08	663.62	0.68	43.64
5.02	16.77	54.34	0.38	8.08	514.39	0.63	43.64
5.022	16.77	54.34	0.38	8.07	579.34	0.67	43.64
5.034	16.77	54.34	0.27	8.07	604.44	0.67	43.64
5.049	16.77	54.34	0.57	8.06	626.55	0.66	43.64
5.064	16.77	54.34	0.34	8.05	552.97	0.67	43.64
5.082	16.77	54.34	0.38	8.05	613.33	0.65	43.64
5.106	16.77	54.34	0.19	8.05	611.91	0.72	43.64
5.128	16.77	54.34	0.42	8.06	516.3	0.6	43.64
5.134	16.77	54.34	0.46	8.07	567.38	0.67	43.64
5.16	16.77	54.34	0.38	8.07	627.56	0.66	43.64
5.193	16.77	54.34	0.3	8.08	590.45	0.65	43.64
5.217	16.77	54.34	0.57	8.08	608.23	0.68	43.64
5.225	16.77	54.34	0.53	8.08	518.58	0.68	43.64
5.23	16.77	54.34	0.53	8.08	532.09	0.7	43.64
5.241	16.77	54.34	0.46	8.08	630.48	0.72	43.65
5.255	16.77	54.35	0.5	8.07	576.26	0.77	43.65
5.263	16.78	54.35	0.5	8.06	564.36	0.76	43.64
5.27	16.78	54.35	0.5	8.05	509.76	0.69	43.64
5.295	16.78	54.35	0.5	8.05	498.78	0.67	43.64
5.326	16.78	54.34	0.38	8.04	584.33	0.66	43.64
5.355	16.78	54.35	0.5	8.02	564.36	0.65	43.64
5.366	16.78	54.35	0.34	8.02	588.95	0.67	43.64
5.368	16.78	54.35	0.46	8.03	498.2	0.69	43.64
5.371	16.78	54.35	0.42	8.05	538.55	0.69	43.64
5.375	16.78	54.35	0.34	8.07	599.41	0.69	43.64
5.376	16.78	54.35	0.42	8.08	633.56	0.7	43.65
5.378	16.78	54.35	0.42	8.09	598.58	0.69	43.65
5.384	16.78	54.35	0.42	8.1	543.69	0.69	43.64
5.396	16.78	54.35	0.38	8.1	517.5	0.69	43.64
5.414	16.78	54.35	0.42	8.1	550.54	0.69	43.64
5.437	16.78	54.35	0.57	8.09	595.81	0.68	43.64
5.458	16.78	54.35	0.38	8.1	547.48	0.72	43.64
5.468	16.78	54.35	0.46	8.1	551.17	0.72	43.64
5.469	16.78	54.35	0.5	8.11	506.46	0.73	43.64
5.478	16.78	54.36	0.5	8.11	517.62	0.74	43.65
5.5	16.78	54.36	0.38	8.09	552.07	0.72	43.65
5.52	16.79	54.37	0.5	8.07	537.05	0.74	43.65
5.531	16.79	54.37	0.5	8.07	552.58	0.74	43.65
5.542	16.79	54.36	0.42	8.07	531.85	0.76	43.64
5.565	16.79	54.36	0.46	8.07	489.39	0.76	43.64
5.59	16.79	54.37	0.38	8.09	592.1	0.74	43.65
5.608	16.79	54.37	0.5	8.11	545.83	0.75	43.65
5.614	16.79	54.36	0.38	8.15	535.06	0.75	43.64
5.616	16.79	54.36	0.19	8.14	488.93	0.79	43.64
5.625	16.79	54.36	0.46	8.14	515.34	0.75	43.64
5.637	16.79	54.37	0.61	8.14	528.16	0.76	43.65
5.646	16.79	54.36	0.38	8.14	499.82	0.73	43.64
5.657	16.79	54.37	0.42	8.14	498.43	0.72	43.64
5.676	16.79	54.36	0.34	8.15	536.3	0.71	43.64
5.696	16.79	54.37	0.3	8.15	482.74	0.69	43.65
5.71	16.8	54.38	0.53	8.14	515.23	0.68	43.65
5.715	16.81	54.38	0.57	8.14	469.93	0.71	43.64

5.734	16.81	54.38	0.42	8.14	497.39	0.69	43.64
5.755	16.81	54.4	0.53	8.14	515.94	0.66	43.66
5.768	16.81	54.41	0.57	8.16	552.58	0.68	43.66
5.773	16.82	54.4	0.38	8.2	448.75	0.71	43.64
5.775	16.81	54.39	0.42	8.23	528.53	0.76	43.64



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.8	54.33	0.0	5.36	122.49	0.37	43.52
PROF (metros)	1.871	0.739	0.7	1.802	0.748	0.847	0.709
MÁXIMO	16.89	16.89	3.01	8.01	4083.0	0.76	43.71
PROF (metros)	0.7	5.028	2.354	4.78	1.703	0.7	4.887

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	16.87	54.36	0.77	5.92	174.72	0.47	43.55
1 - 2m	16.81	54.38	1.26	5.91	1096.82	0.54	43.64
2 - 3m	16.82	54.4	1.84	6.12	991.8	0.57	43.64
3 - 4m	16.84	54.47	1.3	6.78	799.68	0.55	43.68
4 - 5m	16.84	54.48	0.76	7.86	695.12	0.58	43.69
5 - 6m	16.86	54.51	0.59	7.94	625.83	0.61	43.7

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)
0.7	16.89	54.35	0.0	6.29	296.23	0.76	43.53
0.705	16.89	54.35	0.0	6.21	162.94	0.56	43.53
0.709	16.89	54.34	0.38	5.9	181.35	0.43	43.52
0.711	16.88	54.34	2.29	5.87	142.05	0.47	43.52
0.715	16.88	54.34	1.26	5.84	147.21	0.47	43.52
0.724	16.88	54.35	0.57	5.81	133.37	0.53	43.54
0.734	16.88	54.34	0.11	5.79	141.19	0.44	43.52
0.739	16.88	54.33	0.3	5.76	122.75	0.41	43.52
0.74	16.88	54.37	0.15	5.74	127.12	0.44	43.55
0.742	16.88	54.36	0.57	5.73	124.61	0.45	43.54
0.748	16.88	54.34	0.42	5.73	122.49	0.44	43.53
0.75	16.88	54.36	0.38	5.76	139.54	0.49	43.55
0.759	16.87	54.36	0.46	5.78	201.85	0.53	43.56
0.788	16.87	54.36	0.88	5.81	176.38	0.53	43.55
0.823	16.87	54.35	0.5	5.85	220.49	0.5	43.54
0.847	16.87	54.36	0.0	5.9	403.09	0.37	43.55
0.868	16.88	54.4	0.0	5.95	346.47	0.45	43.59
0.891	16.88	54.36	0.0	5.98	363.08	0.47	43.55
0.893	16.86	54.37	0.42	6.2	144.74	0.47	43.57
0.899	16.86	54.39	0.42	6.27	198.05	0.48	43.59
0.914	16.86	54.38	1.41	6.33	155.7	0.45	43.58
0.932	16.86	54.36	0.0	6.38	168.7	0.5	43.56
0.949	16.86	54.38	0.0	6.41	235.76	0.43	43.59
0.965	16.85	54.38	2.63	6.42	491.32	0.48	43.59
0.976	16.85	54.36	0.0	6.41	577.46	0.44	43.57
0.988	16.86	54.38	0.0	6.4	605.28	0.47	43.59
1.003	16.85	54.38	0.0	6.34	472.12	0.52	43.6
1.019	16.85	54.36	0.0	6.28	568.69	0.47	43.58
1.034	16.85	54.38	0.0	6.24	479.28	0.46	43.59
1.049	16.85	54.39	0.0	6.18	283.46	0.47	43.6
1.055	16.85	54.37	0.0	6.14	322.83	0.47	43.58
1.061	16.85	54.37	0.0	6.1	295.54	0.47	43.58
1.068	16.86	54.38	0.0	6.09	259.57	0.47	43.59
1.077	16.86	54.36	0.0	6.09	345.99	0.47	43.57
1.088	16.86	54.37	0.0	6.12	340.66	0.5	43.57
1.096	16.86	54.38	0.0	6.15	367.06	0.43	43.59

1.102	16.86	54.37	0.0	6.19	581.08	0.55	43.57
1.11	16.86	54.36	0.0	6.24	696.07	0.5	43.57
1.118	16.86	54.37	0.0	6.28	691.89	0.47	43.57
1.125	16.86	54.36	0.0	6.33	620.91	0.47	43.56
1.134	16.86	54.37	0.0	6.35	1626.5	0.48	43.57
1.144	16.86	54.38	0.0	6.35	553.99	0.49	43.58
1.155	16.86	54.36	0.0	6.34	1204.0	0.51	43.56
1.162	16.86	54.37	0.0	6.32	1190.1	0.49	43.57
1.169	16.86	54.4	0.0	6.28	947.39	0.53	43.6
1.177	16.85	54.37	0.0	6.24	850.2	0.47	43.59
1.183	16.85	54.37	0.0	6.21	811.69	0.48	43.58
1.19	16.85	54.38	0.0	6.2	1047.6	0.5	43.59
1.2	16.85	54.38	0.0	6.19	745.5	0.49	43.59
1.215	16.85	54.38	0.0	6.19	619.04	0.5	43.59
1.231	16.85	54.37	0.0	6.2	1535.3	0.52	43.58
1.248	16.85	54.38	0.0	6.21	531.85	0.43	43.59
1.26	16.85	54.37	0.0	6.23	696.71	0.47	43.58
1.267	16.85	54.38	0.0	6.25	435.83	0.42	43.59
1.278	16.85	54.38	0.0	6.27	728.59	0.47	43.59
1.296	16.85	54.38	0.0	6.29	575.99	0.49	43.59
1.327	16.85	54.37	0.0	6.31	761.74	0.5	43.58
1.36	16.85	54.38	0.0	6.32	770.09	0.49	43.59
1.383	16.85	54.38	0.0	6.33	781.78	0.5	43.59
1.399	16.85	54.39	0.0	6.32	865.31	0.45	43.6
1.41	16.85	54.37	0.0	6.3	881.09	0.52	43.58
1.414	16.85	54.38	0.0	6.28	558.12	0.53	43.6
1.42	16.85	54.4	0.0	6.23	806.62	0.47	43.61
1.432	16.85	54.38	0.0	6.17	827.26	0.44	43.6
1.444	16.85	54.37	0.0	6.13	684.39	0.47	43.59
1.453	16.85	54.4	0.0	6.09	1176.1	0.5	43.62
1.463	16.84	54.39	0.0	6.04	783.59	0.5	43.61
1.473	16.84	54.37	0.0	6.0	1757.1	0.48	43.6
1.479	16.84	54.39	0.0	5.96	775.46	0.5	43.61
1.48	16.84	54.39	0.0	5.93	924.61	0.53	43.62
1.484	16.84	54.37	0.0	5.9	826.3	0.49	43.6
1.486	16.84	54.39	0.11	5.88	750.7	0.45	43.62
1.488	16.83	54.39	0.0	5.87	769.37	0.48	43.62
1.49	16.83	54.38	0.88	5.87	1589.3	0.47	43.61
1.5	16.83	54.39	0.0	5.89	965.34	0.49	43.62
1.514	16.83	54.39	0.04	5.91	821.72	0.51	43.62
1.524	16.83	54.38	0.15	5.95	858.52	0.55	43.61
1.534	16.83	54.39	0.53	6.0	700.44	0.45	43.62
1.544	16.83	54.38	0.53	6.05	920.55	0.5	43.61
1.547	16.83	54.39	0.11	6.18	909.94	0.52	43.63
1.548	16.82	54.37	1.22	6.17	662.23	0.49	43.61
1.55	16.82	54.38	1.83	6.14	1010.0	0.51	43.62
1.558	16.82	54.39	0.5	6.12	726.9	0.49	43.64
1.571	16.82	54.38	0.88	6.08	779.6	0.43	43.63
1.578	16.82	54.37	2.14	6.05	976.14	0.53	43.61
1.58	16.82	54.39	0.0	6.02	2599.5	0.53	43.63
1.583	16.82	54.39	0.46	6.0	752.79	0.53	43.64
1.59	16.82	54.37	1.22	5.99	982.5	0.56	43.62
1.596	16.82	54.38	0.99	6.03	1588.5	0.54	43.63
1.603	16.82	54.38	0.72	6.09	1250.3	0.49	43.64
1.609	16.81	54.38	0.99	6.15	803.45	0.54	43.63
1.615	16.81	54.38	0.72	6.23	865.91	0.55	43.63
1.617	16.81	54.38	1.91	6.39	909.31	0.49	43.63
1.621	16.81	54.38	1.11	6.33	875.39	0.55	43.63

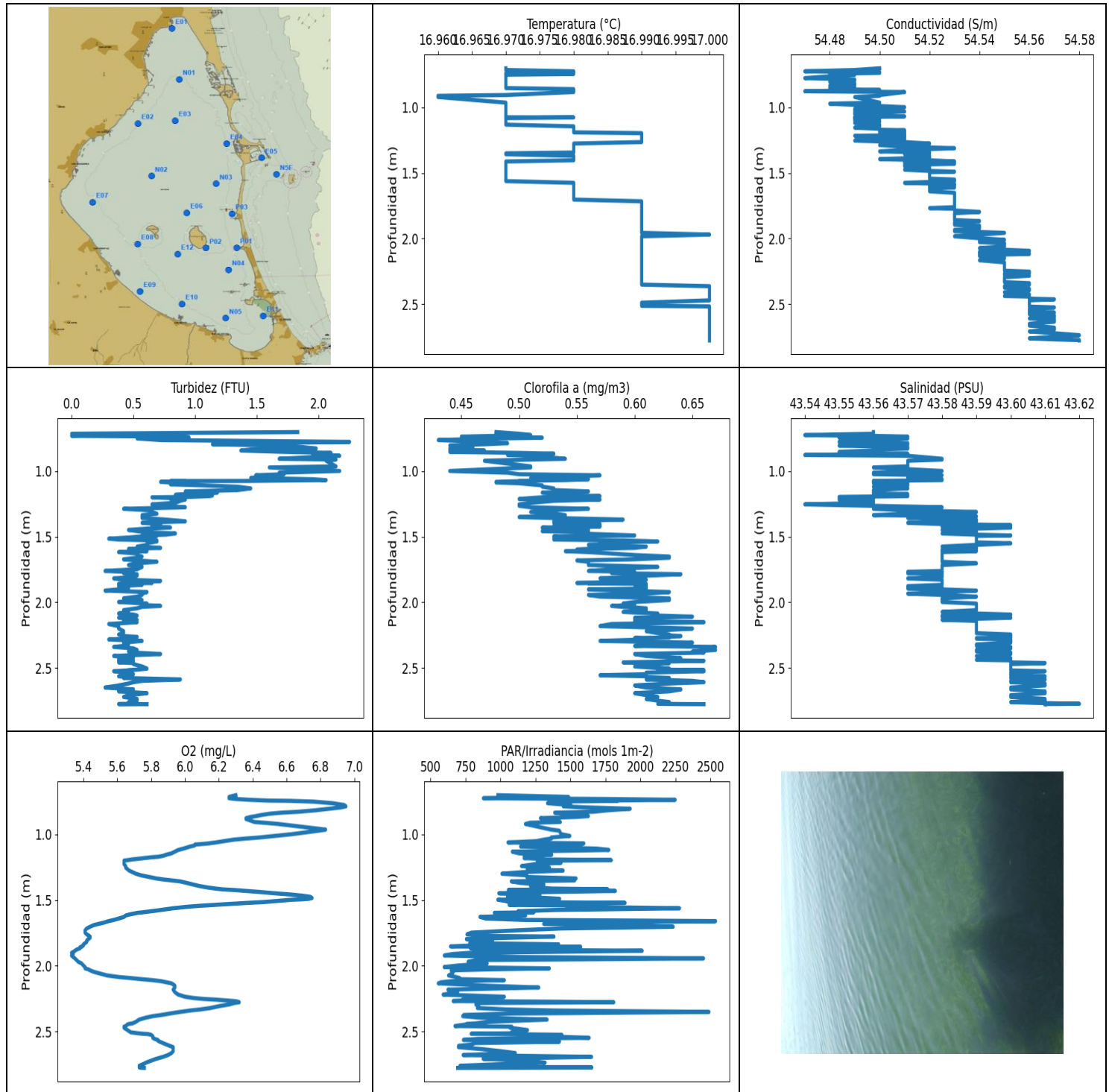
1.631	16.81	54.38	1.72	6.26	1041.6	0.52	43.63
1.639	16.81	54.37	1.41	6.18	1002.0	0.49	43.63
1.641	16.81	54.38	1.64	6.09	1375.9	0.48	43.63
1.644	16.81	54.38	1.87	5.99	655.06	0.53	43.63
1.653	16.81	54.37	2.06	5.91	1147.0	0.51	43.63
1.662	16.81	54.38	1.6	5.83	834.0	0.52	43.63
1.666	16.81	54.38	1.49	5.66	1363.5	0.53	43.63
1.677	16.81	54.38	1.22	5.63	826.69	0.49	43.64
1.69	16.81	54.37	1.87	5.59	918.84	0.55	43.63
1.703	16.81	54.38	1.6	5.57	4083.0	0.54	43.64
1.717	16.81	54.38	1.41	5.54	812.63	0.51	43.64
1.728	16.81	54.38	1.03	5.52	1008.6	0.54	43.63
1.735	16.81	54.38	1.22	5.49	913.53	0.55	43.63
1.739	16.81	54.38	0.88	5.47	880.07	0.56	43.64
1.745	16.81	54.38	0.88	5.44	951.13	0.53	43.64
1.757	16.81	54.38	0.88	5.41	1269.6	0.54	43.64
1.774	16.81	54.38	0.88	5.39	814.7	0.55	43.64
1.79	16.81	54.38	0.99	5.37	883.34	0.53	43.64
1.802	16.81	54.38	0.69	5.36	749.66	0.52	43.64
1.808	16.81	54.38	1.03	5.37	899.46	0.57	43.64
1.811	16.81	54.38	0.92	5.41	2362.8	0.59	43.64
1.819	16.81	54.39	0.99	5.46	750.7	0.58	43.65
1.832	16.81	54.38	0.99	5.53	965.79	0.58	43.64
1.843	16.81	54.38	1.34	5.61	778.34	0.61	43.64
1.852	16.81	54.38	2.25	5.68	654.15	0.58	43.65
1.858	16.81	54.39	2.86	5.74	1047.4	0.53	43.65
1.864	16.81	54.37	2.86	5.79	879.05	0.63	43.64
1.871	16.8	54.38	1.83	5.87	1009.5	0.66	43.64
1.881	16.8	54.39	1.72	5.89	1276.4	0.62	43.65
1.898	16.8	54.38	2.29	5.91	1219.4	0.59	43.64
1.908	16.8	54.37	2.1	5.94	2006.6	0.63	43.63
1.911	16.8	54.38	1.72	5.97	636.5	0.6	43.65
1.916	16.8	54.38	1.26	5.99	2821.8	0.6	43.65
1.922	16.8	54.37	0.95	6.03	665.16	0.54	43.64
1.924	16.8	54.38	1.26	6.15	1435.5	0.6	43.65
1.932	16.8	54.38	1.03	6.2	2532.3	0.57	43.65
1.941	16.8	54.37	1.56	6.28	656.73	0.6	43.64
1.954	16.8	54.38	1.41	6.35	744.46	0.56	43.65
1.969	16.8	54.38	1.34	6.42	936.47	0.56	43.65
1.978	16.8	54.37	1.76	6.46	580.41	0.59	43.64
1.985	16.8	54.38	1.37	6.5	1005.3	0.59	43.65
1.994	16.8	54.38	1.22	6.54	1873.6	0.59	43.65
2.005	16.8	54.38	1.3	6.58	907.84	0.56	43.65
2.015	16.8	54.38	1.14	6.64	955.99	0.6	43.64
2.027	16.8	54.38	0.99	6.69	808.68	0.61	43.65
2.038	16.8	54.38	1.34	6.73	672.6	0.57	43.64
2.051	16.8	54.38	1.95	6.76	2751.4	0.61	43.64
2.063	16.81	54.38	1.22	6.75	738.28	0.58	43.65
2.073	16.81	54.38	0.92	6.72	624.66	0.62	43.64
2.082	16.81	54.38	0.95	6.67	809.62	0.6	43.64
2.094	16.81	54.38	1.22	6.61	1365.7	0.57	43.64
2.108	16.81	54.38	1.72	6.54	959.99	0.56	43.64
2.117	16.81	54.38	1.72	6.48	1296.9	0.6	43.64
2.123	16.81	54.38	1.11	6.42	494.86	0.63	43.64
2.129	16.81	54.38	1.37	6.37	1332.6	0.58	43.64
2.14	16.81	54.39	1.98	6.31	724.71	0.59	43.65
2.154	16.81	54.38	2.48	6.25	603.04	0.57	43.64
2.168	16.81	54.38	1.91	6.19	981.82	0.56	43.63

2.18	16.81	54.38	2.56	6.14	601.5	0.54	43.64
2.19	16.82	54.39	1.95	6.09	1959.7	0.59	43.64
2.198	16.82	54.38	1.95	6.04	630.77	0.53	43.63
2.205	16.82	54.38	1.45	5.99	2554.7	0.57	43.63
2.21	16.82	54.39	1.11	5.95	685.03	0.57	43.64
2.218	16.82	54.38	1.41	5.9	1590.0	0.6	43.63
2.225	16.82	54.38	1.41	5.87	605.7	0.64	43.63
2.236	16.82	54.39	0.84	5.84	1004.4	0.57	43.64
2.246	16.82	54.39	1.14	5.82	709.1	0.6	43.64
2.252	16.82	54.38	2.98	5.8	1751.0	0.56	43.63
2.354	16.82	54.38	3.01	6.19	558.12	0.56	43.63
2.382	16.82	54.39	2.33	6.25	627.56	0.53	43.64
2.395	16.82	54.39	2.56	6.25	704.02	0.58	43.63
2.419	16.82	54.39	2.33	6.24	1426.6	0.55	43.63
2.426	16.82	54.39	2.14	6.22	743.95	0.56	43.63
2.434	16.82	54.39	2.06	6.2	688.85	0.57	43.63
2.447	16.82	54.4	1.68	6.18	747.92	0.59	43.64
2.464	16.83	54.4	1.45	6.15	731.13	0.58	43.64
2.482	16.83	54.39	1.34	6.12	983.41	0.5	43.63
2.493	16.83	54.39	1.22	6.1	772.23	0.58	43.63
2.498	16.83	54.41	1.37	6.08	553.61	0.56	43.64
2.5	16.82	54.4	1.41	6.06	1020.6	0.55	43.64
2.506	16.82	54.39	1.87	6.05	1921.5	0.56	43.63
2.517	16.83	54.4	1.6	6.05	962.89	0.56	43.64
2.529	16.83	54.4	1.68	6.05	671.82	0.52	43.64
2.54	16.83	54.4	1.91	6.05	912.9	0.59	43.64
2.553	16.83	54.4	1.68	6.04	956.88	0.58	43.64
2.569	16.83	54.4	1.53	6.02	1258.2	0.53	43.64
2.582	16.83	54.4	1.76	6.0	1415.4	0.56	43.64
2.589	16.83	54.4	1.49	5.97	1087.2	0.58	43.64
2.596	16.83	54.41	1.72	5.94	714.87	0.61	43.65
2.61	16.83	54.41	2.48	5.91	750.87	0.61	43.64
2.628	16.83	54.4	2.44	5.9	778.34	0.61	43.63
2.643	16.83	54.4	2.56	5.89	566.19	0.58	43.64
2.654	16.83	54.41	2.71	5.9	1244.5	0.59	43.65
2.662	16.83	54.4	1.76	5.9	707.78	0.53	43.64
2.666	16.83	54.4	1.76	5.9	1910.4	0.6	43.64
2.671	16.83	54.41	2.06	5.91	526.7	0.56	43.65
2.681	16.83	54.41	2.14	5.91	1543.2	0.58	43.65
2.695	16.83	54.4	2.21	5.91	673.22	0.6	43.64
2.704	16.83	54.41	2.06	5.91	1495.3	0.53	43.64
2.714	16.83	54.42	1.6	5.91	1587.8	0.56	43.65
2.725	16.83	54.41	1.98	5.9	756.99	0.57	43.65
2.736	16.83	54.4	3.01	5.89	1490.8	0.56	43.64
2.747	16.83	54.41	2.02	5.88	529.14	0.59	43.65
2.758	16.83	54.41	1.83	5.87	1930.0	0.53	43.65
2.769	16.83	54.4	1.41	5.87	601.22	0.58	43.64
2.784	16.83	54.41	1.91	5.87	1015.6	0.56	43.65
2.8	16.83	54.41	2.02	5.88	463.66	0.61	43.65
2.812	16.83	54.41	1.34	5.91	945.42	0.58	43.65
2.818	16.83	54.41	1.41	5.93	645.41	0.57	43.65
2.826	16.83	54.42	1.91	5.95	649.31	0.6	43.66
2.836	16.83	54.41	1.45	5.96	879.05	0.57	43.65
2.846	16.83	54.41	2.21	5.98	716.36	0.56	43.65
2.86	16.83	54.41	1.95	6.01	954.44	0.56	43.65
2.873	16.83	54.41	2.29	6.04	555.02	0.58	43.64
2.88	16.83	54.42	2.06	6.08	1214.9	0.56	43.65
2.883	16.83	54.42	1.64	6.1	1316.9	0.6	43.65

2.896	16.83	54.42	1.49	6.11	1264.6	0.56	43.66
2.915	16.83	54.42	2.02	6.12	629.17	0.57	43.65
2.928	16.83	54.41	2.29	6.14	1714.4	0.55	43.64
2.937	16.83	54.42	2.86	6.15	667.63	0.55	43.65
2.943	16.83	54.42	2.44	6.16	677.29	0.56	43.65
2.95	16.83	54.42	2.29	6.16	1094.6	0.55	43.65
2.966	16.83	54.42	2.1	6.16	692.37	0.56	43.65
2.982	16.83	54.42	2.02	6.15	986.83	0.56	43.65
2.996	16.83	54.42	2.86	6.14	563.71	0.55	43.65
3.009	16.83	54.42	2.06	6.1	1537.5	0.53	43.66
3.02	16.83	54.42	2.59	6.07	686.46	0.53	43.65
3.031	16.83	54.42	2.9	6.03	1019.1	0.52	43.65
3.055	16.83	54.43	2.75	5.95	551.43	0.52	43.66
3.062	16.83	54.42	2.82	5.92	1100.9	0.53	43.65
3.074	16.83	54.43	2.67	5.9	973.21	0.55	43.66
3.104	16.83	54.42	2.21	5.89	1233.3	0.52	43.65
3.116	16.83	54.43	2.21	5.89	493.37	0.56	43.66
3.131	16.83	54.44	2.4	5.89	1505.4	0.6	43.66
3.15	16.83	54.42	1.91	5.9	582.43	0.55	43.65
3.163	16.83	54.43	1.76	5.92	923.11	0.51	43.66
3.171	16.83	54.44	1.87	5.93	556.44	0.55	43.67
3.181	16.83	54.44	2.02	5.93	637.83	0.56	43.67
3.192	16.84	54.44	1.64	5.94	751.75	0.56	43.67
3.205	16.84	54.45	1.07	5.94	1114.0	0.57	43.67
3.217	16.84	54.45	1.6	5.95	719.03	0.55	43.67
3.232	16.84	54.45	1.41	5.95	869.13	0.53	43.67
3.248	16.84	54.45	0.8	5.95	864.51	0.56	43.67
3.259	16.84	54.45	0.92	5.95	896.96	0.56	43.67
3.267	16.84	54.46	0.99	5.96	686.3	0.54	43.67
3.276	16.84	54.46	1.34	5.98	800.29	0.55	43.68
3.288	16.84	54.46	1.76	6.01	697.36	0.54	43.68
3.304	16.84	54.46	1.83	6.06	791.62	0.56	43.68
3.32	16.84	54.47	1.6	6.12	912.69	0.57	43.68
3.334	16.84	54.47	2.25	6.18	609.08	0.56	43.68
3.352	16.84	54.47	1.6	6.23	978.41	0.52	43.68
3.369	16.84	54.47	1.98	6.28	695.75	0.53	43.68
3.386	16.84	54.47	1.87	6.31	1114.8	0.57	43.69
3.401	16.85	54.48	1.64	6.34	974.11	0.56	43.69
3.421	16.85	54.48	1.68	6.36	830.34	0.57	43.69
3.44	16.85	54.48	1.49	6.39	613.75	0.61	43.69
3.459	16.85	54.48	1.41	6.43	784.14	0.6	43.69
3.475	16.85	54.48	1.34	6.48	569.22	0.56	43.69
3.486	16.85	54.48	1.37	6.55	841.57	0.56	43.69
3.494	16.85	54.48	1.3	6.63	884.16	0.61	43.69
3.504	16.85	54.49	1.03	6.71	909.94	0.61	43.69
3.519	16.85	54.49	1.22	6.81	551.81	0.59	43.69
3.536	16.85	54.49	1.14	6.91	899.88	0.53	43.69
3.552	16.85	54.48	0.72	7.01	771.52	0.54	43.69
3.565	16.85	54.48	0.88	7.11	674.31	0.53	43.69
3.569	16.85	54.49	0.8	7.29	726.4	0.48	43.69
3.58	16.85	54.49	0.72	7.34	738.96	0.54	43.69
3.605	16.85	54.49	0.99	7.37	1017.5	0.57	43.69
3.638	16.85	54.49	0.88	7.37	685.82	0.5	43.69
3.67	16.85	54.49	0.8	7.36	705.49	0.54	43.69
3.688	16.85	54.48	0.8	7.35	696.71	0.54	43.69
3.693	16.85	54.49	0.8	7.35	636.79	0.56	43.69
3.695	16.85	54.49	0.57	7.38	796.59	0.56	43.69
3.709	16.85	54.49	0.8	7.42	928.48	0.54	43.69

3.732	16.85	54.49	1.07	7.46	583.78	0.56	43.69
3.75	16.85	54.49	0.92	7.51	815.46	0.56	43.69
3.767	16.85	54.49	0.84	7.56	853.75	0.57	43.69
3.782	16.85	54.49	0.76	7.59	718.19	0.53	43.69
3.788	16.85	54.49	0.65	7.61	880.07	0.53	43.69
3.797	16.85	54.49	0.72	7.61	708.77	0.53	43.69
3.811	16.85	54.49	0.8	7.6	779.42	0.53	43.69
3.824	16.85	54.49	0.76	7.58	885.39	0.56	43.69
3.837	16.85	54.49	0.92	7.57	675.1	0.59	43.69
3.853	16.85	54.49	0.8	7.57	835.35	0.57	43.69
3.871	16.85	54.48	0.57	7.58	748.27	0.56	43.69
3.883	16.85	54.48	0.69	7.61	612.76	0.6	43.69
3.884	16.85	54.48	0.5	7.67	556.57	0.58	43.69
3.893	16.84	54.48	0.72	7.69	912.48	0.56	43.69
3.913	16.84	54.48	0.92	7.71	735.37	0.57	43.69
3.933	16.84	54.48	0.88	7.71	605.14	0.56	43.69
3.948	16.84	54.48	0.92	7.72	839.82	0.53	43.69
3.961	16.84	54.48	0.72	7.72	687.89	0.56	43.69
3.973	16.84	54.48	0.65	7.72	639.16	0.55	43.69
3.982	16.84	54.48	0.61	7.72	683.12	0.55	43.69
3.993	16.84	54.48	0.69	7.69	681.86	0.55	43.69
4.008	16.84	54.48	0.92	7.66	734.18	0.56	43.69
4.026	16.84	54.48	1.64	7.63	955.33	0.53	43.69
4.039	16.84	54.48	2.06	7.6	713.55	0.56	43.69
4.047	16.84	54.48	1.34	7.57	914.38	0.55	43.69
4.05	16.84	54.48	0.95	7.55	704.84	0.56	43.69
4.055	16.84	54.48	1.03	7.55	750.7	0.52	43.69
4.072	16.84	54.48	0.95	7.58	798.25	0.54	43.7
4.093	16.84	54.48	1.22	7.62	532.46	0.54	43.69
4.119	16.84	54.48	0.95	7.66	735.89	0.53	43.7
4.143	16.84	54.49	1.34	7.68	874.58	0.55	43.7
4.161	16.85	54.49	1.41	7.69	835.16	0.51	43.7
4.178	16.85	54.49	0.92	7.7	623.36	0.5	43.7
4.192	16.85	54.49	0.76	7.71	799.0	0.54	43.7
4.206	16.85	54.49	0.8	7.73	704.02	0.55	43.7
4.223	16.85	54.49	0.95	7.76	812.63	0.55	43.69
4.244	16.85	54.49	0.95	7.79	619.47	0.58	43.69
4.262	16.85	54.49	0.92	7.83	628.87	0.59	43.69
4.281	16.85	54.49	1.18	7.88	786.32	0.61	43.7
4.299	16.85	54.49	0.76	7.92	631.94	0.63	43.69
4.312	16.85	54.48	0.76	7.94	703.37	0.63	43.69
4.319	16.84	54.48	0.76	7.95	703.69	0.6	43.69
4.327	16.84	54.48	0.69	7.96	620.33	0.59	43.69
4.336	16.84	54.48	0.61	7.96	770.62	0.56	43.7
4.353	16.84	54.48	0.72	7.94	803.64	0.57	43.7
4.376	16.84	54.48	0.61	7.93	673.69	0.53	43.69
4.401	16.84	54.49	0.8	7.91	627.27	0.54	43.7
4.421	16.84	54.49	0.69	7.89	745.84	0.54	43.69
4.438	16.84	54.49	0.72	7.89	634.44	0.51	43.69
4.455	16.84	54.48	0.65	7.87	749.83	0.59	43.69
4.469	16.84	54.48	0.88	7.85	799.0	0.58	43.69
4.481	16.84	54.49	1.11	7.84	734.86	0.55	43.69
4.493	16.84	54.48	1.26	7.84	672.28	0.56	43.69
4.511	16.84	54.48	0.76	7.84	740.33	0.59	43.69
4.53	16.84	54.48	0.84	7.86	630.04	0.57	43.69
4.547	16.84	54.48	0.57	7.87	686.93	0.59	43.69
4.559	16.84	54.48	0.84	7.87	672.13	0.59	43.69
4.568	16.84	54.48	0.8	7.9	648.41	0.55	43.7

4.585	16.84	54.48	0.72	7.92	780.33	0.56	43.69
4.607	16.84	54.48	0.69	7.94	663.0	0.56	43.7
4.631	16.84	54.48	0.69	7.96	674.31	0.57	43.69
4.652	16.84	54.48	0.5	7.96	584.33	0.62	43.69
4.67	16.84	54.48	0.57	7.97	696.55	0.6	43.7
4.685	16.84	54.49	0.42	7.97	676.66	0.59	43.7
4.698	16.84	54.48	0.57	7.98	587.72	0.56	43.69
4.711	16.84	54.48	0.46	7.98	655.82	0.61	43.69
4.726	16.84	54.48	0.69	7.99	631.21	0.6	43.69
4.74	16.84	54.48	0.53	7.99	748.62	0.56	43.7
4.76	16.84	54.48	0.65	8.0	713.55	0.62	43.7
4.78	16.84	54.48	0.69	8.01	621.63	0.63	43.69
4.798	16.84	54.48	0.72	8.01	711.57	0.64	43.69
4.812	16.84	54.48	0.38	8.01	660.24	0.6	43.69
4.821	16.84	54.48	0.38	8.0	643.47	0.6	43.69
4.832	16.84	54.48	0.3	7.98	618.18	0.61	43.69
4.845	16.84	54.48	0.72	7.96	626.55	0.6	43.69
4.856	16.84	54.48	0.5	7.93	686.3	0.61	43.69
4.865	16.84	54.48	0.46	7.9	713.88	0.6	43.69
4.871	16.84	54.48	0.42	7.88	616.18	0.65	43.69
4.875	16.84	54.48	0.42	7.88	628.58	0.63	43.69
4.88	16.84	54.48	0.38	7.89	644.96	0.57	43.7
4.887	16.84	54.5	0.57	7.9	583.65	0.63	43.71
4.894	16.85	54.49	0.27	7.93	564.49	0.57	43.7
4.906	16.85	54.49	0.3	7.95	649.31	0.62	43.69
4.93	16.85	54.49	0.27	7.98	625.1	0.6	43.7
4.969	16.85	54.49	0.46	7.99	709.92	0.6	43.7
5.006	16.85	54.5	0.42	7.98	560.06	0.58	43.7
5.028	16.86	54.51	0.38	7.98	601.5	0.6	43.71
5.037	16.86	54.51	0.5	7.96	665.31	0.6	43.7
5.039	16.86	54.51	0.53	7.93	586.36	0.62	43.69
5.04	16.86	54.51	0.99	7.9	670.57	0.63	43.69
5.041	16.86	54.5	0.72	7.88	671.2	0.63	43.69



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	16.96	54.47	0.0	5.33	555.28	0.43	43.54
PROF (metros)	0.911	0.724	0.714	1.902	2.134	0.762	0.724
MÁXIMO	17.0	17.0	2.25	6.95	2536.5	0.67	43.62
PROF (metros)	1.97	2.738	0.776	0.786	1.66	2.341	2.775

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	16.97	54.49	1.57	6.6	1482.4	0.48	43.56
1 - 2m	16.98	54.52	0.72	5.83	1248.74	0.56	43.58
2 - 3m	16.99	54.56	0.47	5.84	954.53	0.62	43.6

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

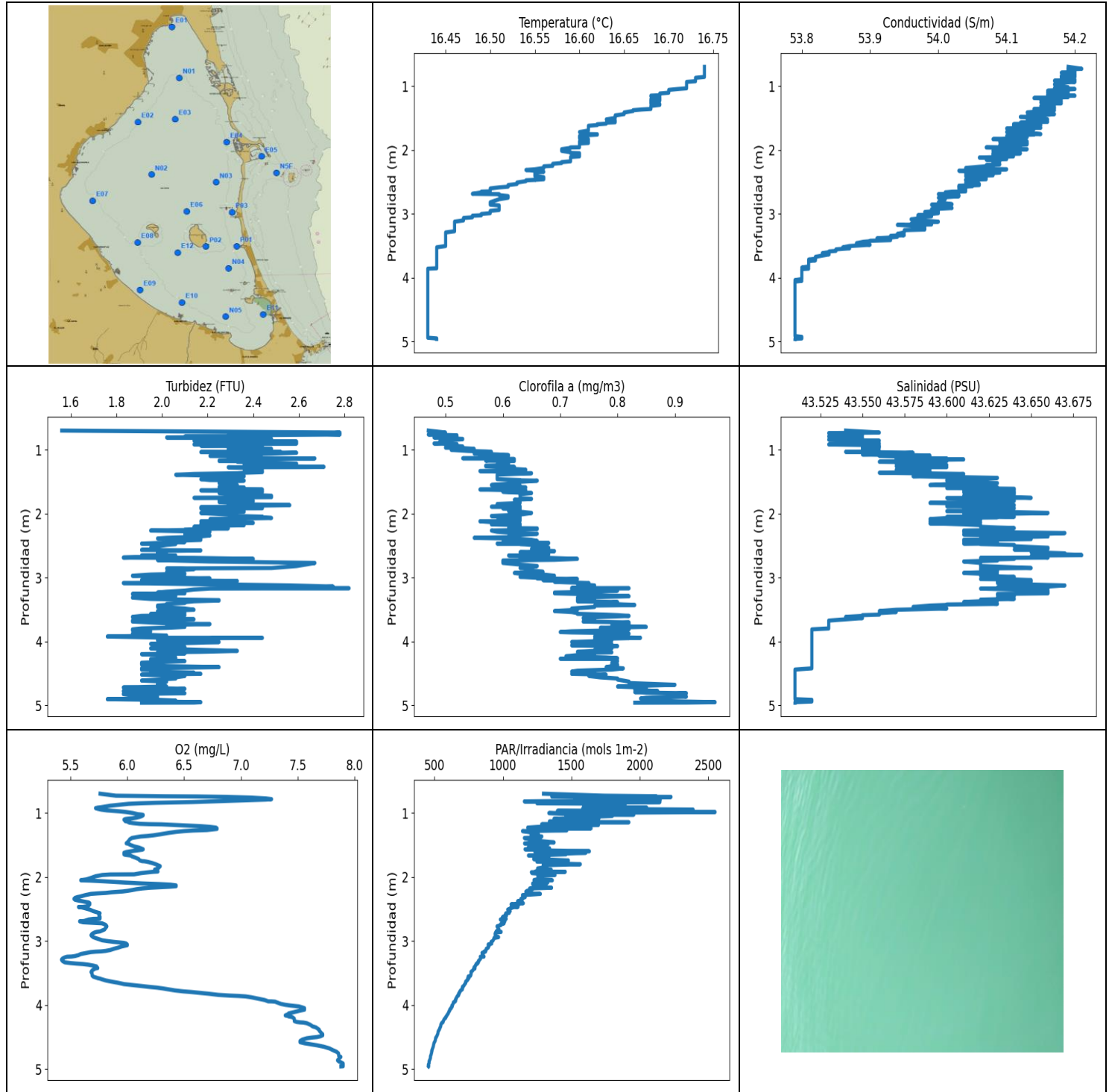
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	16.97	54.5	1.83	6.3	981.59	0.48	43.56
0.714	16.97	54.49	0.0	6.26	1486.0	0.5	43.56
0.724	16.98	54.47	0.23	6.26	877.63	0.51	43.54
0.73	16.98	54.5	0.0	6.3	1749.7	0.48	43.56
0.736	16.97	54.5	0.88	6.38	2247.9	0.45	43.57
0.742	16.97	54.48	0.95	6.49	1718.0	0.48	43.55
0.744	16.98	54.48	0.57	6.62	1835.7	0.52	43.55
0.75	16.97	54.49	0.53	6.76	1353.1	0.48	43.57
0.762	16.97	54.48	0.72	6.87	1336.0	0.43	43.56
0.776	16.97	54.47	2.25	6.94	1503.3	0.47	43.55
0.786	16.97	54.49	1.49	6.95	1449.2	0.49	43.57
0.794	16.97	54.49	1.14	6.92	1606.3	0.47	43.57
0.804	16.97	54.48	1.64	6.85	1926.8	0.44	43.55
0.816	16.97	54.49	1.87	6.77	1764.4	0.46	43.57
0.827	16.97	54.49	1.98	6.67	1662.0	0.44	43.57
0.834	16.97	54.48	1.45	6.57	1387.1	0.44	43.56
0.842	16.97	54.49	1.37	6.5	1471.2	0.47	43.56
0.852	16.97	54.48	1.72	6.45	1608.5	0.44	43.55
0.86	16.98	54.48	2.1	6.42	1628.0	0.5	43.55
0.866	16.98	54.5	1.95	6.39	1550.7	0.53	43.57
0.876	16.98	54.47	2.06	6.36	1285.3	0.49	43.54
0.882	16.98	54.51	2.17	6.36	1317.5	0.51	43.57
0.905	16.97	54.5	1.68	6.41	1427.2	0.54	43.58
0.911	16.96	54.5	2.14	6.47	1211.8	0.51	43.58
0.92	16.96	54.49	2.06	6.55	1178.0	0.47	43.57
0.963	16.97	54.5	2.14	6.83	1362.3	0.51	43.57
0.971	16.97	54.48	1.6	6.79	1419.6	0.51	43.56
0.998	16.97	54.51	2.17	6.63	1433.2	0.44	43.58
1.011	16.97	54.49	1.68	6.53	1495.3	0.49	43.56
1.023	16.97	54.49	1.72	6.44	1362.6	0.5	43.56
1.031	16.97	54.51	1.49	6.36	1363.2	0.57	43.58
1.039	16.97	54.49	1.6	6.29	1311.8	0.55	43.57
1.051	16.97	54.49	1.45	6.23	1256.1	0.51	43.57
1.061	16.97	54.5	1.95	6.18	1053.7	0.56	43.58
1.068	16.97	54.51	2.06	6.14	1595.5	0.54	43.58
1.074	16.97	54.49	1.41	6.09	1575.7	0.5	43.56
1.075	16.97	54.5	0.8	6.08	1227.1	0.51	43.57
1.076	16.98	54.49	0.92	6.06	1389.7	0.5	43.56
1.081	16.97	54.49	0.72	6.06	1189.8	0.48	43.56

1.086	16.97	54.5	0.8	6.05	1321.2	0.48	43.57
1.092	16.97	54.49	0.99	6.03	1143.6	0.5	43.56
1.1	16.97	54.49	0.8	6.01	1434.9	0.51	43.57
1.108	16.97	54.5	1.07	5.99	1690.3	0.52	43.57
1.118	16.97	54.49	1.34	5.96	1773.8	0.52	43.56
1.131	16.97	54.5	1.45	5.94	1084.5	0.53	43.57
1.144	16.98	54.5	1.34	5.92	1134.9	0.53	43.56
1.154	16.98	54.49	0.92	5.89	1365.7	0.56	43.56
1.163	16.98	54.5	1.18	5.87	1188.7	0.52	43.56
1.17	16.98	54.5	1.03	5.84	1169.0	0.53	43.56
1.174	16.98	54.51	0.92	5.8	1253.8	0.53	43.57
1.18	16.98	54.5	0.84	5.76	1169.0	0.54	43.56
1.185	16.98	54.5	1.14	5.73	1277.3	0.54	43.56
1.19	16.98	54.51	1.11	5.69	1318.8	0.57	43.57
1.196	16.99	54.5	0.95	5.66	1791.6	0.55	43.55
1.199	16.99	54.5	0.65	5.64	1379.4	0.52	43.55
1.205	16.99	54.51	0.8	5.64	1262.8	0.51	43.56
1.212	16.99	54.51	0.8	5.64	1396.5	0.5	43.56
1.216	16.99	54.49	0.92	5.64	1432.5	0.57	43.55
1.226	16.99	54.51	0.88	5.64	1246.3	0.53	43.56
1.241	16.99	54.51	0.84	5.65	1150.2	0.51	43.56
1.253	16.99	54.49	0.65	5.65	1349.4	0.5	43.54
1.264	16.99	54.51	0.72	5.66	1191.5	0.5	43.56
1.275	16.98	54.52	0.92	5.67	1447.5	0.51	43.58
1.287	16.98	54.5	0.42	5.69	1158.8	0.56	43.56
1.299	16.98	54.51	0.65	5.71	1010.4	0.52	43.57
1.311	16.98	54.53	0.65	5.74	1187.6	0.51	43.59
1.324	16.98	54.51	0.69	5.79	1187.6	0.53	43.57
1.335	16.98	54.5	0.57	5.83	1539.6	0.54	43.56
1.344	16.98	54.52	0.57	5.88	1316.3	0.52	43.59
1.35	16.97	54.52	0.57	5.92	1529.3	0.5	43.58
1.357	16.97	54.51	0.57	5.97	1077.4	0.53	43.57
1.369	16.98	54.52	0.76	6.01	1141.5	0.59	43.59
1.382	16.98	54.52	0.92	6.05	1310.2	0.53	43.59
1.394	16.98	54.5	0.57	6.09	1214.9	0.53	43.57
1.403	16.98	54.52	0.72	6.13	1229.6	0.57	43.58
1.412	16.97	54.53	0.65	6.18	1368.6	0.57	43.6
1.418	16.97	54.51	0.65	6.22	1766.0	0.53	43.58
1.423	16.97	54.51	0.69	6.29	1055.9	0.57	43.58
1.43	16.97	54.53	0.8	6.36	1820.5	0.52	43.6
1.438	16.97	54.51	0.61	6.44	1349.7	0.54	43.59
1.448	16.97	54.51	0.46	6.53	987.98	0.56	43.58
1.457	16.97	54.52	0.53	6.62	1173.1	0.52	43.59
1.466	16.97	54.52	0.61	6.69	1282.0	0.56	43.59
1.475	16.97	54.51	0.84	6.74	1049.8	0.55	43.58
1.484	16.97	54.52	0.76	6.75	1319.1	0.58	43.59
1.49	16.97	54.53	0.57	6.73	1422.6	0.6	43.6
1.494	16.97	54.52	0.69	6.69	1197.3	0.56	43.59
1.497	16.97	54.52	0.57	6.63	981.13	0.53	43.59
1.506	16.97	54.52	0.46	6.55	1033.2	0.54	43.59
1.515	16.97	54.52	0.3	6.46	1061.1	0.53	43.59
1.521	16.97	54.52	0.38	6.37	1890.1	0.53	43.59
1.528	16.97	54.52	0.69	6.28	1182.9	0.59	43.59
1.536	16.97	54.52	0.69	6.18	1061.8	0.62	43.59
1.543	16.97	54.52	0.65	6.09	1695.4	0.57	43.59
1.55	16.97	54.53	0.61	6.02	1475.3	0.59	43.6
1.562	16.97	54.53	0.61	5.93	2278.9	0.56	43.59
1.575	16.98	54.51	0.53	5.86	1398.7	0.61	43.58

1.585	16.98	54.53	0.72	5.8	1124.9	0.6	43.59
1.593	16.98	54.53	0.46	5.75	1237.6	0.56	43.59
1.597	16.98	54.52	0.53	5.72	956.21	0.55	43.58
1.605	16.98	54.52	0.5	5.69	1048.9	0.57	43.58
1.61	16.98	54.53	0.61	5.67	1095.8	0.54	43.59
1.617	16.98	54.52	0.38	5.65	1179.6	0.56	43.58
1.628	16.98	54.52	0.53	5.64	853.16	0.58	43.58
1.64	16.98	54.52	0.53	5.61	893.23	0.6	43.58
1.651	16.98	54.53	0.57	5.58	1170.7	0.63	43.58
1.66	16.98	54.53	0.53	5.55	2536.5	0.63	43.58
1.672	16.98	54.53	0.42	5.52	1689.2	0.6	43.58
1.681	16.98	54.53	0.53	5.49	1309.0	0.55	43.58
1.691	16.98	54.53	0.69	5.46	1857.1	0.56	43.58
1.703	16.98	54.53	0.53	5.44	2233.9	0.56	43.59
1.716	16.99	54.53	0.46	5.42	1433.2	0.56	43.58
1.73	16.99	54.53	0.57	5.41	1125.7	0.62	43.58
1.748	16.99	54.53	0.53	5.41	792.36	0.58	43.58
1.761	16.99	54.53	0.27	5.42	760.68	0.56	43.58
1.768	16.99	54.52	0.46	5.43	843.72	0.6	43.57
1.773	16.99	54.53	0.5	5.43	870.94	0.59	43.58
1.778	16.99	54.53	0.42	5.44	1382.0	0.58	43.57
1.786	16.99	54.53	0.53	5.44	1093.0	0.64	43.58
1.797	16.99	54.54	0.53	5.43	756.29	0.61	43.58
1.807	16.99	54.53	0.5	5.42	943.23	0.6	43.58
1.818	16.99	54.53	0.34	5.42	900.29	0.57	43.57
1.828	16.99	54.53	0.42	5.41	780.15	0.61	43.58
1.837	16.99	54.53	0.72	5.4	1415.0	0.6	43.58
1.846	16.99	54.53	0.57	5.4	797.7	0.59	43.58
1.853	16.99	54.53	0.65	5.39	643.02	0.55	43.58
1.854	16.99	54.53	0.57	5.39	661.01	0.58	43.58
1.856	16.99	54.53	0.46	5.39	1573.1	0.56	43.58
1.859	16.99	54.53	0.38	5.38	1075.7	0.61	43.58
1.867	16.99	54.54	0.57	5.38	785.41	0.6	43.58
1.877	16.99	54.53	0.38	5.36	845.48	0.61	43.57
1.886	16.99	54.53	0.42	5.35	2012.2	0.61	43.58
1.895	16.99	54.53	0.46	5.34	1313.6	0.61	43.57
1.902	16.99	54.54	0.38	5.33	779.42	0.56	43.58
1.911	16.99	54.54	0.27	5.34	655.06	0.59	43.59
1.922	16.99	54.54	0.61	5.33	598.44	0.63	43.58
1.934	16.99	54.53	0.57	5.34	1136.2	0.61	43.57
1.944	16.99	54.53	0.57	5.35	2450.4	0.56	43.58
1.957	16.99	54.55	0.53	5.36	824.96	0.57	43.59
1.97	17.0	54.54	0.42	5.37	768.66	0.63	43.58
1.983	16.99	54.53	0.57	5.39	904.68	0.63	43.58
1.998	16.99	54.54	0.38	5.4	701.25	0.6	43.58
2.01	16.99	54.55	0.61	5.41	597.61	0.59	43.59
2.02	16.99	54.54	0.57	5.41	1348.8	0.6	43.59
2.028	16.99	54.54	0.72	5.43	903.64	0.58	43.59
2.035	16.99	54.55	0.57	5.44	647.66	0.59	43.59
2.046	16.99	54.55	0.53	5.46	663.77	0.61	43.59
2.06	16.99	54.55	0.42	5.5	653.39	0.61	43.59
2.074	16.99	54.54	0.46	5.54	628.87	0.59	43.58
2.086	16.99	54.55	0.38	5.61	682.17	0.62	43.59
2.094	16.99	54.56	0.5	5.68	708.6	0.62	43.6
2.102	16.99	54.54	0.53	5.74	694.62	0.62	43.58
2.11	16.99	54.54	0.42	5.81	1027.2	0.65	43.58
2.118	16.99	54.56	0.38	5.86	646.76	0.6	43.6
2.126	16.99	54.54	0.46	5.89	575.99	0.62	43.59

2.134	16.99	54.54	0.53	5.92	555.28	0.6	43.58
2.142	16.99	54.55	0.42	5.93	706.63	0.6	43.59
2.152	16.99	54.55	0.53	5.94	901.13	0.66	43.59
2.166	16.99	54.54	0.3	5.94	1273.4	0.58	43.59
2.182	16.99	54.55	0.38	5.93	624.37	0.57	43.59
2.201	16.99	54.55	0.38	5.94	693.97	0.65	43.59
2.22	16.99	54.55	0.42	5.96	590.31	0.61	43.59
2.236	16.99	54.55	0.42	6.0	1027.4	0.62	43.59
2.246	16.99	54.55	0.38	6.05	883.55	0.63	43.6
2.253	16.99	54.56	0.42	6.11	838.85	0.63	43.6
2.258	16.99	54.56	0.42	6.18	727.24	0.64	43.6
2.264	16.99	54.56	0.53	6.24	766.7	0.63	43.6
2.269	16.99	54.55	0.5	6.29	661.77	0.63	43.6
2.273	16.99	54.55	0.5	6.31	1246.3	0.6	43.59
2.278	16.99	54.55	0.46	6.32	1809.5	0.61	43.59
2.284	16.99	54.56	0.3	6.29	831.11	0.61	43.6
2.295	16.99	54.55	0.57	6.26	824.01	0.57	43.6
2.308	16.99	54.55	0.42	6.2	844.7	0.65	43.6
2.322	16.99	54.55	0.46	6.15	834.77	0.63	43.59
2.333	16.99	54.55	0.42	6.09	1041.6	0.6	43.59
2.341	16.99	54.56	0.34	6.03	1383.3	0.67	43.6
2.352	16.99	54.56	0.5	5.97	2489.3	0.66	43.6
2.364	17.0	54.55	0.53	5.91	1089.7	0.67	43.59
2.375	17.0	54.55	0.46	5.86	738.45	0.65	43.59
2.384	17.0	54.56	0.5	5.81	729.94	0.66	43.6
2.395	17.0	54.56	0.72	5.77	848.62	0.6	43.6
2.41	17.0	54.55	0.34	5.73	1333.2	0.61	43.59
2.427	17.0	54.56	0.5	5.71	919.91	0.64	43.6
2.439	17.0	54.55	0.38	5.69	824.01	0.63	43.59
2.443	17.0	54.56	0.38	5.67	757.34	0.63	43.6
2.447	17.0	54.56	0.5	5.66	758.4	0.66	43.6
2.459	17.0	54.56	0.38	5.65	674.78	0.59	43.6
2.464	17.0	54.57	0.5	5.64	1080.4	0.63	43.61
2.472	17.0	54.56	0.5	5.64	1067.3	0.62	43.6
2.49	16.99	54.56	0.57	5.66	1192.8	0.6	43.6
2.507	16.99	54.56	0.61	5.68	1077.7	0.63	43.6
2.514	16.99	54.56	0.53	5.72	1127.5	0.62	43.6
2.518	17.0	54.56	0.46	5.75	790.52	0.66	43.6
2.52	17.0	54.56	0.46	5.78	964.67	0.64	43.6
2.526	17.0	54.57	0.34	5.8	1438.5	0.66	43.61
2.537	17.0	54.56	0.46	5.81	1288.0	0.61	43.6
2.549	17.0	54.56	0.5	5.81	1633.3	0.61	43.6
2.557	17.0	54.56	0.42	5.82	837.88	0.57	43.6
2.565	17.0	54.57	0.38	5.84	734.86	0.61	43.61
2.571	17.0	54.56	0.46	5.84	948.05	0.61	43.6
2.578	17.0	54.56	0.42	5.85	1421.3	0.63	43.6
2.589	17.0	54.57	0.88	5.87	816.22	0.61	43.61
2.6	17.0	54.57	0.57	5.89	796.04	0.65	43.6
2.61	17.0	54.56	0.5	5.91	700.44	0.66	43.6
2.62	17.0	54.57	0.46	5.93	699.3	0.63	43.61
2.635	17.0	54.57	0.38	5.93	867.52	0.6	43.61
2.651	17.0	54.56	0.27	5.93	1003.0	0.61	43.6
2.665	17.0	54.56	0.5	5.92	1105.5	0.64	43.6
2.68	17.0	54.57	0.38	5.9	732.99	0.63	43.61
2.694	17.0	54.57	0.61	5.87	1650.8	0.6	43.61
2.709	17.0	54.56	0.46	5.83	876.21	0.61	43.6
2.723	17.0	54.57	0.42	5.8	1179.9	0.62	43.6
2.738	17.0	54.58	0.53	5.77	1318.5	0.61	43.61

2.751	17.0	54.57	0.53	5.75	966.46	0.62	43.61
2.762	17.0	54.56	0.46	5.73	710.41	0.63	43.6
2.77	17.0	54.57	0.46	5.73	957.77	0.63	43.61
2.775	17.0	54.58	0.53	5.73	1652.8	0.62	43.62
2.777	17.0	54.58	0.38	5.74	1159.9	0.64	43.61
2.778	17.0	54.58	0.61	5.76	693.65	0.66	43.61



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	16.43	53.79	1.56	5.42	455.46	0.47	43.51
PROF (metros)	3.858	4.037	0.702	3.292	4.938	0.702	4.439
MÁXIMO	16.74	16.74	2.82	7.9	2549.4	0.97	43.68
PROF (metros)	0.702	0.733	3.167	4.912	0.988	4.949	2.649

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	16.74	54.19	2.36	6.29	1762.01	0.51	43.55
1 - 2m	16.65	54.15	2.35	6.17	1376.89	0.61	43.6
2 - 3m	16.54	54.05	2.14	5.78	1104.33	0.63	43.63
3 - 4m	16.45	53.89	2.07	6.1	773.32	0.76	43.58
4 - 5m	16.43	53.79	2.01	7.67	525.45	0.8	43.52

OBSERVACIONES GENERALES

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DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA

Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	16.74	54.19	1.56	5.76	1296.6	0.47	43.54
0.733	16.74	54.21	2.78	5.9	1739.6	0.5	43.56
0.742	16.74	54.19	2.75	6.33	2120.9	0.48	43.53
0.745	16.74	54.2	2.33	6.61	1356.9	0.48	43.55
0.752	16.74	54.19	2.67	6.88	2227.7	0.49	43.54
0.763	16.74	54.19	2.78	7.09	1905.5	0.47	43.54
0.776	16.74	54.2	2.29	7.22	1524.3	0.52	43.55
0.787	16.74	54.19	2.4	7.27	1679.8	0.5	43.54
0.794	16.74	54.18	2.1	7.22	2149.6	0.52	43.53
0.8	16.74	54.19	2.36	7.11	1695.8	0.49	43.54
0.81	16.74	54.2	2.02	6.95	1646.6	0.48	43.55
0.822	16.74	54.19	2.4	6.75	1156.6	0.5	43.54
0.832	16.74	54.19	2.48	6.57	2146.6	0.53	43.54
0.838	16.74	54.2	2.33	6.4	1789.9	0.53	43.55
0.844	16.74	54.18	2.29	6.25	1785.0	0.52	43.53
0.851	16.74	54.18	2.33	6.12	1248.9	0.5	43.54
0.86	16.74	54.2	2.14	6.01	1894.5	0.5	43.56
0.874	16.73	54.18	2.59	5.93	1620.9	0.49	43.54
0.889	16.73	54.19	2.17	5.85	1593.3	0.51	43.55
0.904	16.73	54.2	2.59	5.8	1588.5	0.48	43.56
0.913	16.73	54.19	2.4	5.77	1706.9	0.52	43.55
0.919	16.73	54.17	2.14	5.74	2050.3	0.52	43.53
0.927	16.73	54.19	2.36	5.72	1676.3	0.5	43.55
0.938	16.72	54.2	2.17	5.74	1581.6	0.51	43.56
0.95	16.72	54.18	2.44	5.77	2389.2	0.53	43.55
0.962	16.72	54.18	2.4	5.82	1905.1	0.53	43.56
0.969	16.72	54.18	2.33	5.87	1398.4	0.5	43.56
0.977	16.72	54.17	2.29	5.93	1673.6	0.53	43.55
0.988	16.72	54.18	2.48	5.99	2549.4	0.55	43.55
1.004	16.72	54.18	2.29	6.05	1335.7	0.51	43.55
1.021	16.72	54.19	2.29	6.09	1466.1	0.54	43.56
1.029	16.72	54.19	2.4	6.13	1956.1	0.57	43.56
1.034	16.72	54.17	2.52	6.14	1458.3	0.58	43.54
1.038	16.72	54.17	2.17	6.14	1549.6	0.55	43.55
1.049	16.71	54.2	2.59	6.13	1798.7	0.56	43.58
1.063	16.7	54.18	2.48	6.11	1644.7	0.55	43.57
1.076	16.7	54.16	2.29	6.08	1553.9	0.59	43.55

1.087	16.7	54.19	2.36	6.04	1701.3	0.61	43.58
1.093	16.7	54.19	2.36	6.0	1373.0	0.56	43.59
1.098	16.7	54.16	2.21	5.98	1382.0	0.56	43.56
1.107	16.7	54.16	2.4	5.97	1432.9	0.56	43.57
1.119	16.69	54.19	2.4	5.98	1493.6	0.59	43.59
1.128	16.69	54.19	2.36	5.98	1575.3	0.58	43.59
1.133	16.69	54.16	2.44	5.99	1580.5	0.56	43.57
1.135	16.69	54.18	2.29	6.01	1339.4	0.53	43.59
1.137	16.69	54.19	2.67	6.02	1405.6	0.56	43.6
1.142	16.69	54.16	2.36	6.02	1553.9	0.6	43.57
1.147	16.69	54.16	2.4	6.01	1920.2	0.62	43.57
1.153	16.68	54.2	2.33	6.02	1440.9	0.59	43.61
1.161	16.68	54.17	2.4	6.05	1613.0	0.58	43.59
1.172	16.69	54.16	2.25	6.11	1657.0	0.57	43.57
1.177	16.69	54.19	2.25	6.19	1442.5	0.62	43.6
1.18	16.69	54.17	2.36	6.3	1282.9	0.61	43.58
1.19	16.69	54.14	2.33	6.42	1697.8	0.61	43.56
1.201	16.69	54.18	2.4	6.54	1420.3	0.6	43.59
1.209	16.68	54.18	2.52	6.65	1461.0	0.6	43.59
1.22	16.69	54.15	2.59	6.73	1253.8	0.61	43.57
1.231	16.69	54.17	2.36	6.78	1181.3	0.59	43.58
1.242	16.68	54.18	2.36	6.79	1644.0	0.61	43.6
1.251	16.68	54.17	2.44	6.79	1393.2	0.57	43.59
1.259	16.68	54.15	2.44	6.75	1428.9	0.57	43.57
1.269	16.68	54.16	2.71	6.7	1278.4	0.62	43.58
1.273	16.68	54.18	2.63	6.64	1467.1	0.6	43.6
1.276	16.68	54.16	2.29	6.58	1410.1	0.62	43.58
1.285	16.69	54.16	2.44	6.5	1143.3	0.61	43.58
1.297	16.69	54.17	2.44	6.43	1179.1	0.61	43.59
1.314	16.68	54.15	2.36	6.36	1221.9	0.64	43.57
1.335	16.68	54.17	2.44	6.29	1259.9	0.56	43.59
1.351	16.68	54.17	2.44	6.23	1205.9	0.62	43.59
1.361	16.68	54.14	2.36	6.18	1233.0	0.6	43.56
1.369	16.67	54.15	2.33	6.12	1284.4	0.65	43.58
1.38	16.66	54.17	2.14	6.08	1276.7	0.62	43.61
1.393	16.66	54.15	2.06	6.04	1156.6	0.59	43.6
1.416	16.65	54.13	2.36	6.02	1198.1	0.59	43.58
1.442	16.65	54.17	2.25	6.01	1279.3	0.59	43.63
1.462	16.64	54.15	2.17	6.0	1374.0	0.59	43.61
1.476	16.64	54.13	2.21	5.99	1184.0	0.63	43.6
1.478	16.64	54.15	2.29	6.0	1158.2	0.62	43.62
1.485	16.64	54.12	2.36	6.01	1331.1	0.66	43.6
1.503	16.64	54.15	2.25	6.03	1255.0	0.63	43.62
1.524	16.63	54.16	2.25	6.06	1210.4	0.62	43.63
1.541	16.64	54.13	2.29	6.1	1184.9	0.6	43.6
1.554	16.64	54.13	2.33	6.12	1341.0	0.58	43.59
1.562	16.64	54.16	2.29	6.13	1308.4	0.63	43.62
1.569	16.64	54.13	2.29	6.14	1161.7	0.63	43.6
1.576	16.63	54.12	2.29	6.13	1336.9	0.62	43.6
1.583	16.63	54.14	2.25	6.1	1228.2	0.63	43.62
1.591	16.63	54.14	2.36	6.07	1387.4	0.64	43.63
1.6	16.62	54.11	2.36	6.03	1631.8	0.62	43.6
1.612	16.62	54.15	2.29	5.99	1234.5	0.63	43.64
1.624	16.61	54.14	2.44	5.97	1605.6	0.56	43.64
1.637	16.61	54.11	2.17	5.97	1437.5	0.64	43.61
1.647	16.61	54.13	2.33	5.97	1460.4	0.63	43.63
1.655	16.61	54.15	2.44	5.98	1368.6	0.63	43.64
1.659	16.61	54.11	2.44	6.0	1309.9	0.6	43.62

1.666	16.61	54.1	2.33	6.03	1186.5	0.61	43.61
1.679	16.61	54.14	2.25	6.04	1288.3	0.65	43.64
1.698	16.61	54.13	2.33	6.07	1335.7	0.63	43.64
1.722	16.6	54.1	2.48	6.1	1225.1	0.63	43.61
1.743	16.61	54.14	2.48	6.11	1478.4	0.63	43.64
1.754	16.61	54.15	2.14	6.13	1433.2	0.63	43.65
1.756	16.62	54.11	2.25	6.15	1468.8	0.63	43.6
1.762	16.62	54.14	2.33	6.17	1248.6	0.63	43.63
1.77	16.61	54.11	2.36	6.19	1426.9	0.65	43.61
1.784	16.6	54.1	2.25	6.22	1294.2	0.62	43.61
1.802	16.6	54.13	2.4	6.25	1565.5	0.63	43.64
1.818	16.6	54.12	2.25	6.27	1293.9	0.63	43.63
1.833	16.61	54.08	2.33	6.29	1321.2	0.63	43.59
1.851	16.61	54.12	2.29	6.28	1307.8	0.59	43.63
1.868	16.6	54.13	2.56	6.27	1253.5	0.61	43.64
1.88	16.6	54.09	2.33	6.25	1255.8	0.6	43.6
1.886	16.61	54.1	2.29	6.24	1352.8	0.63	43.6
1.893	16.61	54.13	2.29	6.24	1292.7	0.58	43.63
1.901	16.6	54.1	2.17	6.25	1346.6	0.63	43.61
1.91	16.6	54.1	2.25	6.26	1295.1	0.63	43.61
1.915	16.6	54.13	2.44	6.27	1237.9	0.62	43.64
1.917	16.6	54.11	2.4	6.26	1244.5	0.6	43.63
1.92	16.6	54.09	2.17	6.23	1455.6	0.6	43.61
1.927	16.6	54.1	2.29	6.19	1207.9	0.63	43.62
1.941	16.6	54.12	2.29	6.12	1212.4	0.63	43.63
1.96	16.6	54.1	2.33	6.06	1332.3	0.62	43.61
1.962	16.59	54.07	2.25	5.85	1266.6	0.61	43.6
1.97	16.59	54.1	2.36	5.78	1381.0	0.63	43.63
1.99	16.58	54.13	2.17	5.72	1255.2	0.65	43.66
2.016	16.58	54.08	2.29	5.68	1289.2	0.63	43.61
2.038	16.59	54.1	2.33	5.64	1251.2	0.58	43.62
2.049	16.59	54.12	2.44	5.6	1227.1	0.62	43.64
2.052	16.6	54.08	2.33	5.59	1244.8	0.62	43.6
2.053	16.6	54.08	2.33	5.6	1361.3	0.59	43.6
2.057	16.6	54.12	2.44	5.67	1265.8	0.63	43.63
2.069	16.6	54.08	2.48	5.8	1285.3	0.61	43.6
2.087	16.6	54.08	2.21	5.97	1327.7	0.63	43.59
2.102	16.6	54.11	2.29	6.13	1217.7	0.62	43.62
2.112	16.59	54.09	2.36	6.28	1317.9	0.63	43.61
2.121	16.59	54.06	2.17	6.38	1219.4	0.56	43.59
2.133	16.59	54.1	2.25	6.43	1233.6	0.58	43.62
2.145	16.59	54.1	2.4	6.43	1314.2	0.6	43.62
2.153	16.59	54.07	2.25	6.37	1223.9	0.61	43.59
2.16	16.59	54.08	2.17	6.29	1277.0	0.63	43.6
2.169	16.59	54.09	2.21	6.2	1355.6	0.58	43.61
2.18	16.59	54.09	2.36	6.13	1195.6	0.63	43.62
2.192	16.58	54.08	2.21	6.08	1216.3	0.63	43.62
2.206	16.58	54.08	2.14	6.04	1196.4	0.63	43.62
2.218	16.57	54.08	2.29	6.0	1175.8	0.63	43.63
2.227	16.57	54.09	2.21	5.96	1175.0	0.61	43.64
2.232	16.57	54.08	2.29	5.92	1167.4	0.66	43.63
2.24	16.57	54.07	2.17	5.86	1175.3	0.66	43.63
2.25	16.57	54.08	2.1	5.81	1198.4	0.61	43.63
2.257	16.56	54.07	2.1	5.74	1198.7	0.63	43.63
2.265	16.56	54.06	1.95	5.68	1273.7	0.58	43.61
2.284	16.56	54.04	2.21	5.63	1143.0	0.59	43.61
2.304	16.55	54.1	2.1	5.59	1148.6	0.62	43.67
2.315	16.54	54.08	2.14	5.56	1163.1	0.66	43.66

2.327	16.55	54.03	2.1	5.54	1145.7	0.64	43.61
2.343	16.56	54.07	2.21	5.53	1131.2	0.62	43.64
2.357	16.55	54.09	2.17	5.54	1141.2	0.61	43.66
2.369	16.55	54.07	2.1	5.57	1130.7	0.62	43.64
2.379	16.55	54.04	2.02	5.6	1107.6	0.55	43.62
2.389	16.55	54.08	1.98	5.63	1125.4	0.6	43.65
2.399	16.55	54.08	2.17	5.66	1136.4	0.63	43.65
2.411	16.55	54.04	2.17	5.67	1149.4	0.65	43.61
2.428	16.56	54.05	2.02	5.67	1060.1	0.66	43.61
2.445	16.56	54.07	2.1	5.66	1112.7	0.6	43.63
2.46	16.56	54.07	1.98	5.64	1062.6	0.68	43.63
2.468	16.55	54.04	1.91	5.61	1110.4	0.66	43.61
2.469	16.55	54.06	1.91	5.57	1099.9	0.59	43.63
2.47	16.55	54.04	1.91	5.58	1060.3	0.66	43.62
2.476	16.54	54.04	2.06	5.6	1072.7	0.63	43.62
2.49	16.54	54.05	2.02	5.63	1056.2	0.65	43.64
2.511	16.53	54.04	1.98	5.67	1035.1	0.66	43.64
2.534	16.53	54.06	1.95	5.7	1053.5	0.68	43.66
2.551	16.52	54.06	1.98	5.73	1039.4	0.65	43.66
2.562	16.52	54.03	1.98	5.75	1046.4	0.66	43.64
2.568	16.52	54.05	1.91	5.76	1021.5	0.65	43.65
2.576	16.52	54.04	2.17	5.75	1023.2	0.67	43.65
2.587	16.51	54.03	1.98	5.75	1017.7	0.69	43.65
2.604	16.5	54.03	1.98	5.75	1026.5	0.63	43.65
2.621	16.5	54.04	1.98	5.76	1000.2	0.67	43.67
2.638	16.5	54.04	2.02	5.76	994.87	0.68	43.67
2.649	16.5	54.04	2.02	5.76	999.96	0.63	43.68
2.653	16.49	54.03	1.98	5.75	1021.0	0.63	43.66
2.654	16.49	54.02	1.91	5.73	1000.4	0.65	43.66
2.655	16.49	54.02	2.06	5.7	1023.9	0.61	43.66
2.665	16.49	54.01	2.02	5.66	981.36	0.66	43.65
2.688	16.48	54.02	1.83	5.62	995.56	0.63	43.66
2.693	16.51	54.0	2.14	5.58	1014.4	0.68	43.62
2.708	16.51	54.03	2.4	5.61	1009.3	0.73	43.64
2.723	16.52	54.01	2.1	5.77	999.5	0.69	43.62
2.726	16.52	54.03	1.98	5.78	1008.3	0.66	43.63
2.734	16.52	54.02	2.06	5.79	985.46	0.6	43.63
2.749	16.52	54.0	2.21	5.81	988.44	0.6	43.61
2.772	16.51	54.01	2.67	5.82	957.1	0.6	43.62
2.82	16.5	54.0	2.59	5.8	971.4	0.66	43.62
2.851	16.5	54.02	2.48	5.76	950.91	0.63	43.65
2.858	16.5	53.99	2.02	5.73	987.29	0.64	43.62
2.869	16.51	54.01	2.14	5.71	947.39	0.64	43.62
2.888	16.51	54.01	2.06	5.69	942.79	0.65	43.63
2.91	16.51	54.02	2.02	5.68	947.39	0.67	43.63
2.928	16.51	53.99	2.02	5.69	944.1	0.62	43.61
2.94	16.51	54.0	2.1	5.7	968.93	0.63	43.62
2.954	16.5	54.0	1.95	5.72	934.96	0.67	43.63
2.972	16.5	53.98	1.87	5.75	933.22	0.69	43.62
2.99	16.5	54.0	2.1	5.78	928.91	0.63	43.64
3.003	16.49	53.99	2.02	5.83	923.11	0.66	43.63
3.014	16.49	53.99	2.21	5.88	913.96	0.66	43.63
3.023	16.49	53.97	2.1	5.93	917.14	0.73	43.62
3.03	16.48	53.99	2.02	5.97	913.96	0.71	43.64
3.04	16.48	53.99	1.91	5.99	918.63	0.67	43.65
3.055	16.48	53.97	2.33	6.0	892.6	0.71	43.63
3.066	16.47	53.98	2.17	6.0	892.6	0.69	43.65
3.074	16.47	53.97	2.14	5.98	900.08	0.71	43.64

3.086	16.47	53.96	1.83	5.95	896.34	0.75	43.63
3.104	16.47	53.97	2.17	5.92	893.02	0.73	43.64
3.123	16.46	54.0	2.56	5.88	878.04	0.76	43.67
3.141	16.46	53.98	2.75	5.85	877.43	0.74	43.66
3.155	16.46	53.96	2.67	5.81	874.79	0.76	43.63
3.163	16.46	53.99	2.4	5.77	865.91	0.72	43.66
3.167	16.46	53.99	2.82	5.72	872.96	0.82	43.66
3.173	16.46	53.94	2.21	5.68	861.31	0.72	43.62
3.187	16.46	53.96	2.14	5.64	847.45	0.72	43.64
3.204	16.46	53.98	2.1	5.59	854.74	0.8	43.66
3.221	16.46	53.98	2.02	5.57	852.57	0.76	43.66
3.235	16.46	53.98	1.98	5.54	850.59	0.69	43.66
3.243	16.46	53.97	2.02	5.51	862.51	0.69	43.65
3.246	16.46	53.98	2.1	5.47	834.77	0.69	43.66
3.256	16.46	53.95	1.87	5.45	838.26	0.73	43.63
3.273	16.46	53.95	2.06	5.43	837.88	0.74	43.63
3.292	16.45	53.95	2.06	5.42	830.72	0.82	43.64
3.314	16.45	53.94	1.87	5.43	820.58	0.73	43.63
3.334	16.45	53.95	1.95	5.45	821.34	0.76	43.64
3.345	16.45	53.93	2.1	5.5	812.06	0.73	43.62
3.353	16.45	53.93	2.25	5.55	815.08	0.73	43.62
3.36	16.45	53.94	2.25	5.61	804.57	0.76	43.63
3.371	16.45	53.93	2.14	5.66	804.01	0.73	43.62
3.384	16.45	53.91	2.1	5.7	799.18	0.8	43.61
3.398	16.45	53.93	2.1	5.73	797.7	0.78	43.62
3.412	16.45	53.93	2.02	5.73	789.24	0.79	43.63
3.422	16.45	53.9	2.02	5.74	790.16	0.81	43.6
3.429	16.45	53.9	2.02	5.72	796.22	0.83	43.6
3.438	16.45	53.89	1.98	5.71	787.05	0.76	43.59
3.46	16.45	53.88	1.98	5.69	779.6	0.76	43.58
3.484	16.45	53.9	2.1	5.68	766.35	0.72	43.6
3.504	16.45	53.87	2.14	5.69	768.66	0.73	43.57
3.524	16.44	53.86	1.98	5.69	767.06	0.69	43.56
3.54	16.44	53.87	1.98	5.69	764.93	0.72	43.57
3.556	16.44	53.85	2.1	5.7	746.02	0.73	43.56
3.568	16.44	53.85	1.95	5.72	754.36	0.73	43.56
3.58	16.44	53.85	1.98	5.74	750.7	0.78	43.56
3.588	16.44	53.84	2.1	5.76	742.22	0.8	43.55
3.6	16.44	53.84	1.91	5.78	744.64	0.82	43.55
3.616	16.44	53.83	1.87	5.81	739.3	0.77	43.54
3.634	16.44	53.84	1.95	5.86	728.08	0.74	43.55
3.653	16.44	53.83	2.14	5.92	729.26	0.76	43.54
3.673	16.44	53.82	1.87	5.97	721.53	0.76	43.53
3.688	16.44	53.82	1.87	6.05	718.19	0.74	43.53
3.702	16.44	53.82	1.95	6.12	712.56	0.82	43.53
3.716	16.44	53.81	2.02	6.19	704.51	0.79	43.53
3.728	16.44	53.82	2.21	6.26	707.62	0.82	43.53
3.74	16.44	53.81	2.02	6.31	702.55	0.8	43.53
3.755	16.44	53.81	2.06	6.36	704.18	0.79	43.53
3.772	16.44	53.81	2.1	6.42	690.93	0.85	43.53
3.786	16.44	53.81	2.02	6.49	689.01	0.77	43.53
3.796	16.44	53.81	1.91	6.56	683.28	0.8	43.53
3.81	16.44	53.81	1.87	6.64	682.96	0.82	43.52
3.824	16.44	53.81	1.87	6.72	676.04	0.81	43.52
3.841	16.44	53.8	1.95	6.8	678.08	0.72	43.52
3.852	16.44	53.81	1.91	6.9	674.94	0.7	43.52
3.858	16.43	53.81	1.91	6.98	669.33	0.72	43.52
3.865	16.43	53.8	1.91	7.04	666.54	0.77	43.52

3.878	16.43	53.8	1.87	7.09	662.39	0.82	43.52
3.893	16.43	53.8	1.91	7.13	660.7	0.8	43.52
3.907	16.43	53.8	2.02	7.17	654.91	0.77	43.52
3.922	16.43	53.8	1.76	7.21	656.27	0.76	43.52
3.935	16.43	53.8	1.95	7.23	654.91	0.8	43.52
3.942	16.43	53.8	2.02	7.24	653.09	0.84	43.52
3.943	16.43	53.8	2.44	7.27	647.36	0.81	43.52
3.947	16.43	53.8	2.25	7.3	646.76	0.82	43.52
3.961	16.43	53.8	2.14	7.32	637.98	0.76	43.52
3.981	16.43	53.8	1.98	7.35	636.79	0.79	43.52
3.996	16.43	53.8	2.06	7.39	632.82	0.76	43.52
4.008	16.43	53.8	2.25	7.44	627.85	0.72	43.52
4.021	16.43	53.8	2.14	7.51	630.48	0.76	43.52
4.037	16.43	53.79	1.95	7.54	623.5	0.79	43.52
4.049	16.43	53.8	1.98	7.56	623.36	0.77	43.52
4.06	16.43	53.79	2.02	7.56	615.89	0.72	43.52
4.072	16.43	53.79	1.98	7.56	611.62	0.8	43.52
4.087	16.43	53.79	2.1	7.52	611.77	0.78	43.52
4.108	16.43	53.79	1.95	7.47	604.86	0.79	43.52
4.13	16.43	53.79	2.17	7.42	601.36	0.76	43.52
4.147	16.43	53.79	2.33	7.41	595.26	0.76	43.52
4.161	16.43	53.79	2.17	7.39	591.0	0.73	43.52
4.169	16.43	53.79	1.98	7.41	589.77	0.79	43.52
4.177	16.43	53.79	2.02	7.42	586.9	0.74	43.52
4.187	16.43	53.79	2.1	7.45	583.24	0.75	43.52
4.198	16.43	53.79	1.91	7.46	582.84	0.76	43.52
4.213	16.43	53.79	2.02	7.47	574.26	0.73	43.52
4.231	16.43	53.79	1.98	7.47	568.56	0.71	43.52
4.25	16.43	53.79	2.06	7.47	565.8	0.78	43.52
4.263	16.43	53.79	1.98	7.49	563.58	0.8	43.52
4.27	16.43	53.79	2.06	7.52	561.75	0.7	43.52
4.273	16.43	53.79	1.95	7.55	556.82	0.79	43.52
4.283	16.43	53.79	1.95	7.58	552.07	0.79	43.52
4.307	16.43	53.79	2.1	7.61	546.85	0.8	43.52
4.332	16.43	53.79	1.91	7.63	546.21	0.79	43.52
4.348	16.43	53.79	1.91	7.66	542.05	0.79	43.52
4.361	16.43	53.79	1.91	7.67	539.17	0.8	43.52
4.374	16.43	53.79	1.95	7.68	537.8	0.8	43.52
4.386	16.43	53.79	2.02	7.69	534.94	0.79	43.52
4.401	16.43	53.79	2.25	7.69	529.88	0.78	43.52
4.42	16.43	53.79	1.91	7.7	526.57	0.81	43.52
4.439	16.43	53.79	1.91	7.71	525.84	0.79	43.51
4.456	16.43	53.79	2.02	7.72	523.41	0.73	43.51
4.471	16.43	53.79	1.95	7.72	520.51	0.72	43.51
4.487	16.43	53.79	2.14	7.7	516.66	0.76	43.51
4.499	16.43	53.79	2.1	7.67	514.27	0.74	43.51
4.506	16.43	53.79	2.17	7.63	510.83	0.72	43.51
4.518	16.43	53.79	1.91	7.58	508.46	0.78	43.51
4.539	16.43	53.79	2.1	7.54	507.64	0.75	43.51
4.561	16.43	53.79	2.06	7.52	504.94	0.77	43.51
4.579	16.43	53.79	2.06	7.52	500.16	0.8	43.51
4.596	16.43	53.79	1.98	7.56	496.58	0.8	43.51
4.611	16.43	53.79	1.91	7.61	495.2	0.81	43.51
4.628	16.43	53.79	2.02	7.67	493.83	0.82	43.51
4.65	16.43	53.79	1.98	7.73	491.32	0.82	43.51
4.677	16.43	53.79	1.98	7.78	486.56	0.9	43.51
4.704	16.43	53.79	2.02	7.81	482.07	0.8	43.51
4.719	16.43	53.79	1.83	7.83	480.06	0.84	43.51

4.727	16.43	53.79	1.95	7.84	481.17	0.85	43.51
4.74	16.43	53.79	2.1	7.85	479.84	0.85	43.51
4.756	16.43	53.79	2.02	7.86	478.06	0.83	43.51
4.775	16.43	53.79	1.83	7.86	475.63	0.87	43.51
4.791	16.43	53.79	1.98	7.86	472.66	0.83	43.51
4.802	16.43	53.79	1.95	7.87	470.7	0.86	43.51
4.809	16.43	53.79	2.1	7.88	471.9	0.92	43.51
4.822	16.43	53.79	1.83	7.87	471.35	0.89	43.51
4.842	16.43	53.79	1.87	7.86	468.41	0.9	43.51
4.862	16.43	53.79	1.98	7.85	464.52	0.92	43.51
4.878	16.43	53.79	1.98	7.86	461.51	0.85	43.51
4.892	16.43	53.79	1.98	7.88	461.09	0.84	43.51
4.902	16.43	53.79	1.76	7.89	462.16	0.86	43.51
4.912	16.43	53.79	1.98	7.9	459.91	0.85	43.52
4.924	16.43	53.8	2.06	7.9	456.72	0.86	43.52
4.938	16.43	53.8	1.95	7.9	455.46	0.91	43.52
4.949	16.44	53.8	2.17	7.9	456.3	0.97	43.51
4.955	16.44	53.79	2.14	7.9	456.41	0.92	43.51
4.956	16.44	53.79	2.06	7.89	458.63	0.85	43.51
4.957	16.44	53.79	1.91	7.88	458.32	0.83	43.51