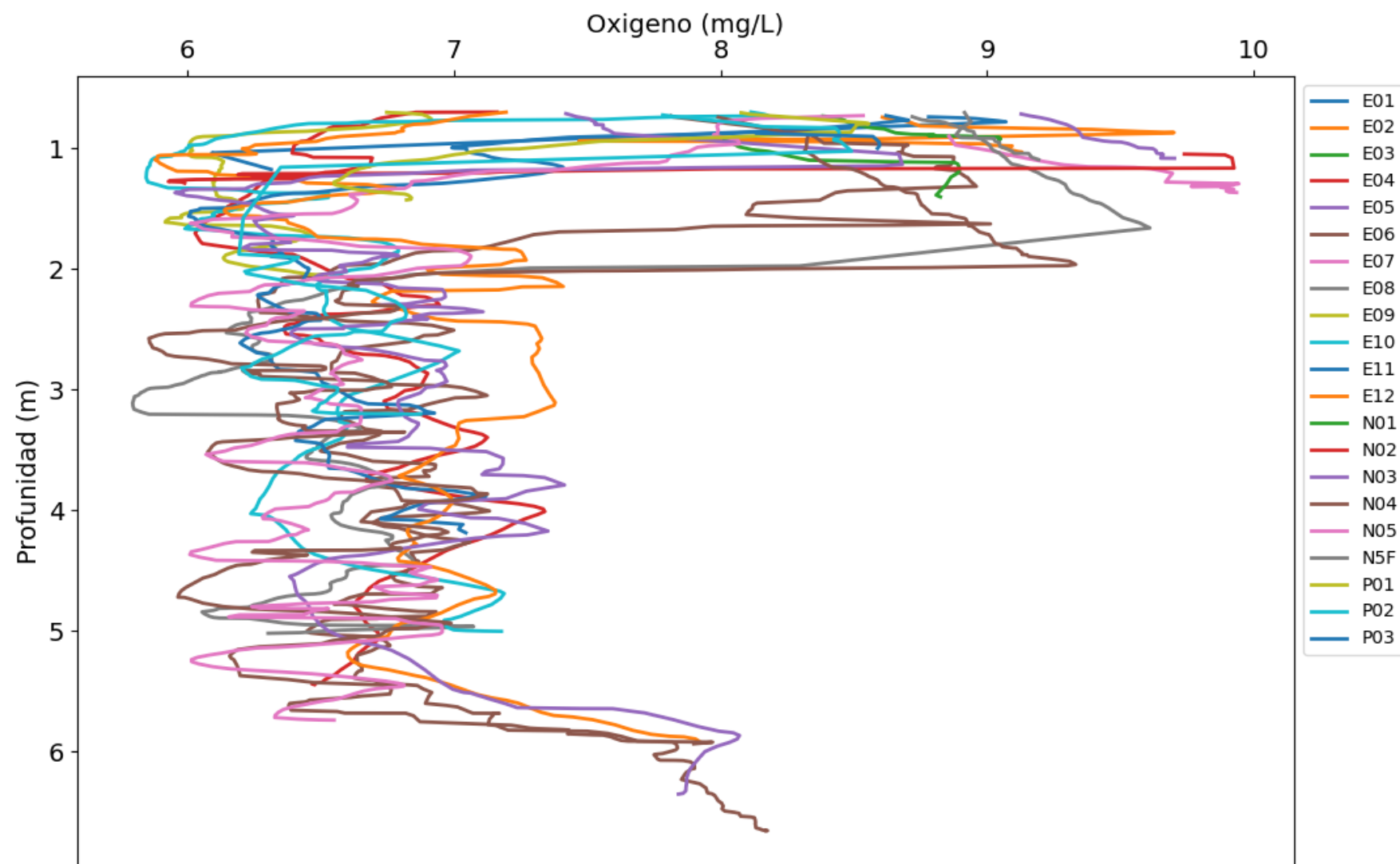
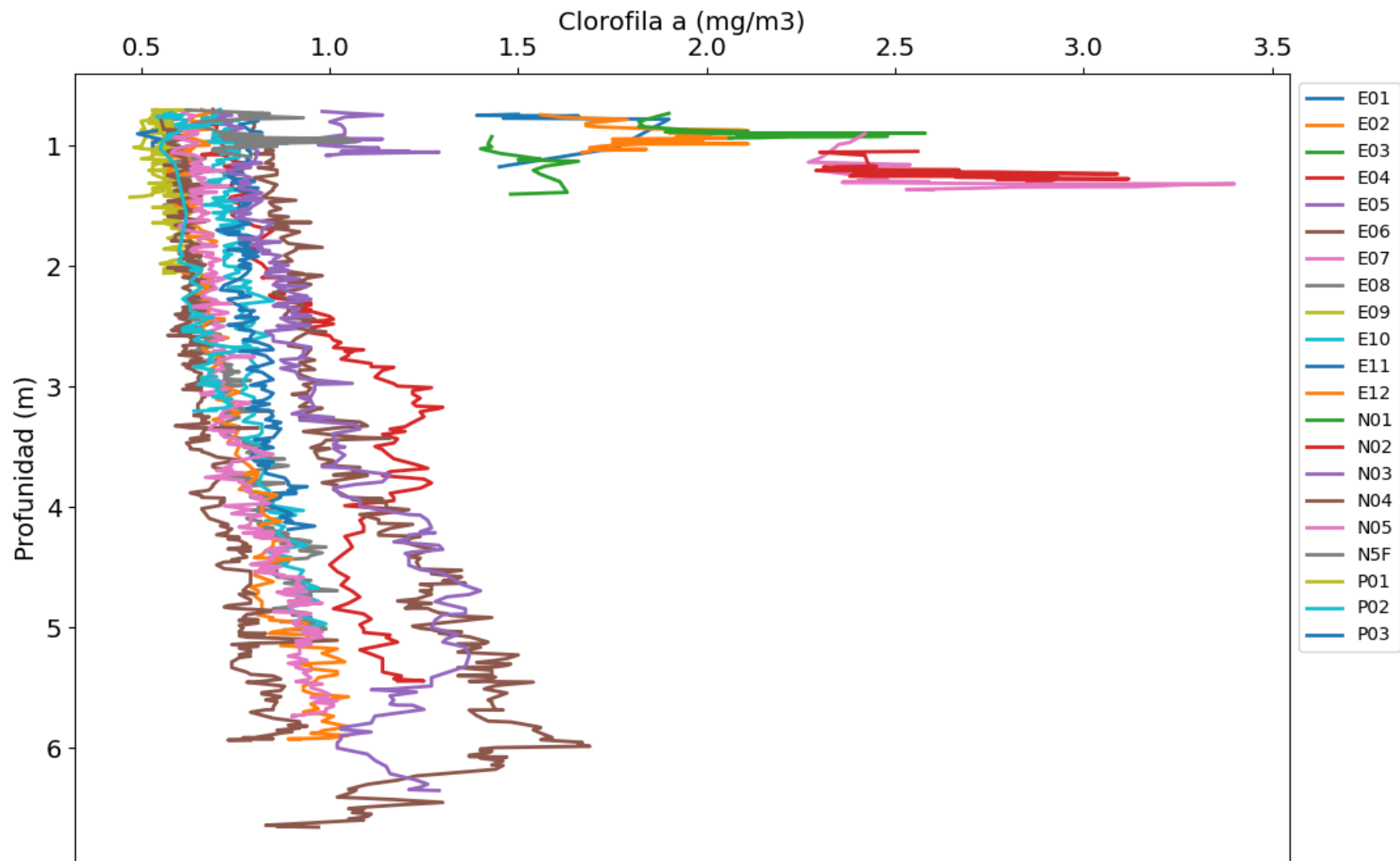
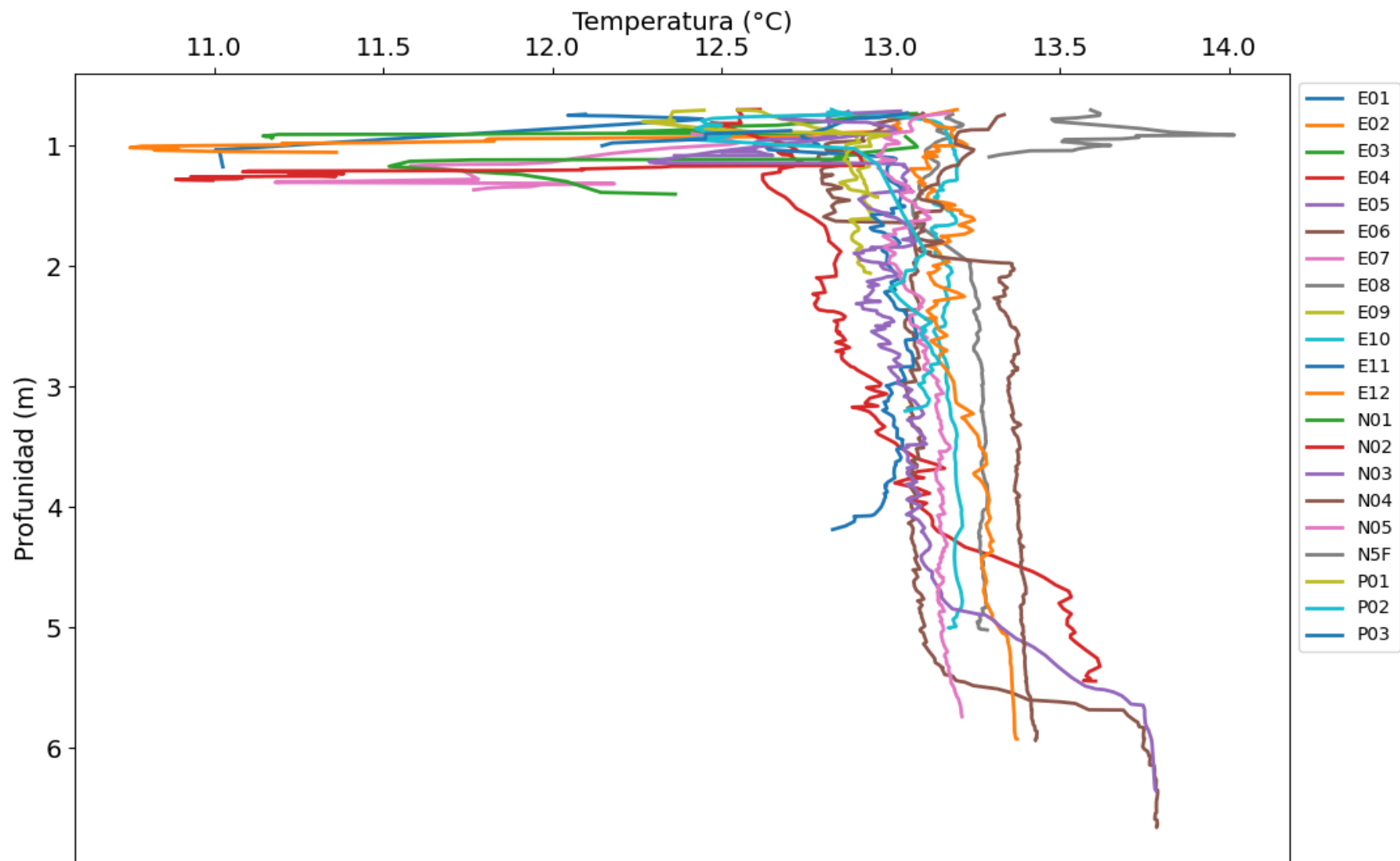
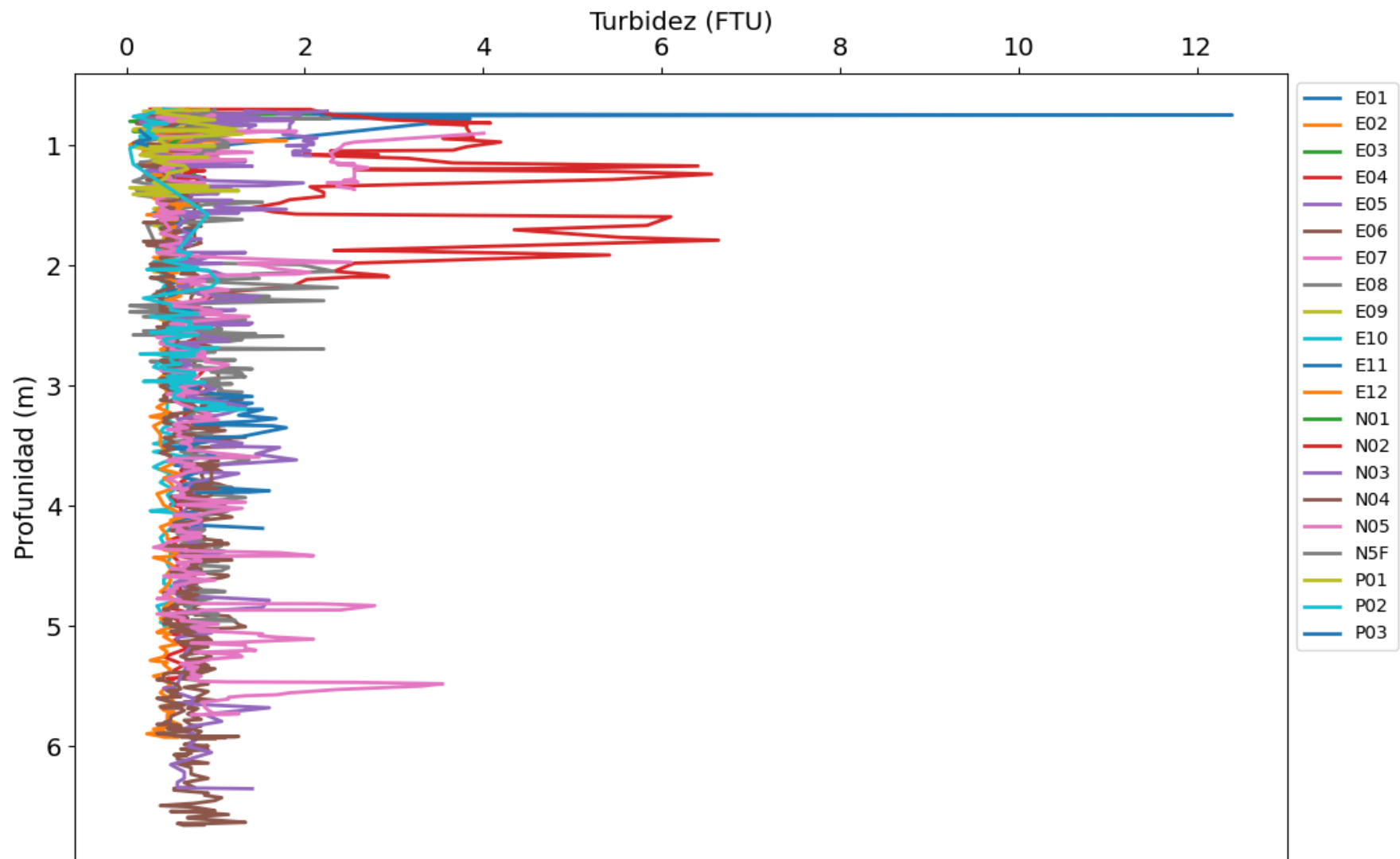
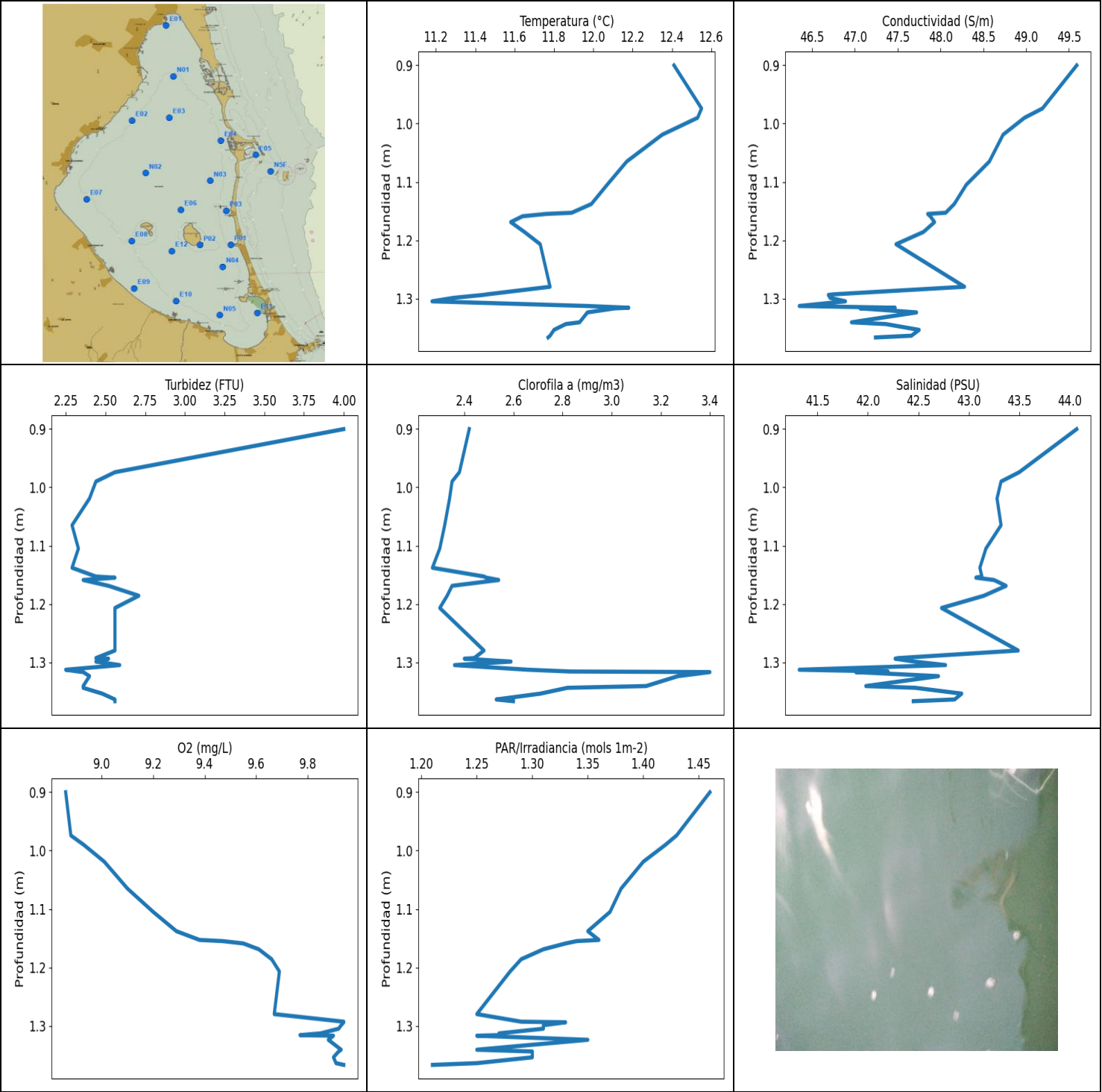










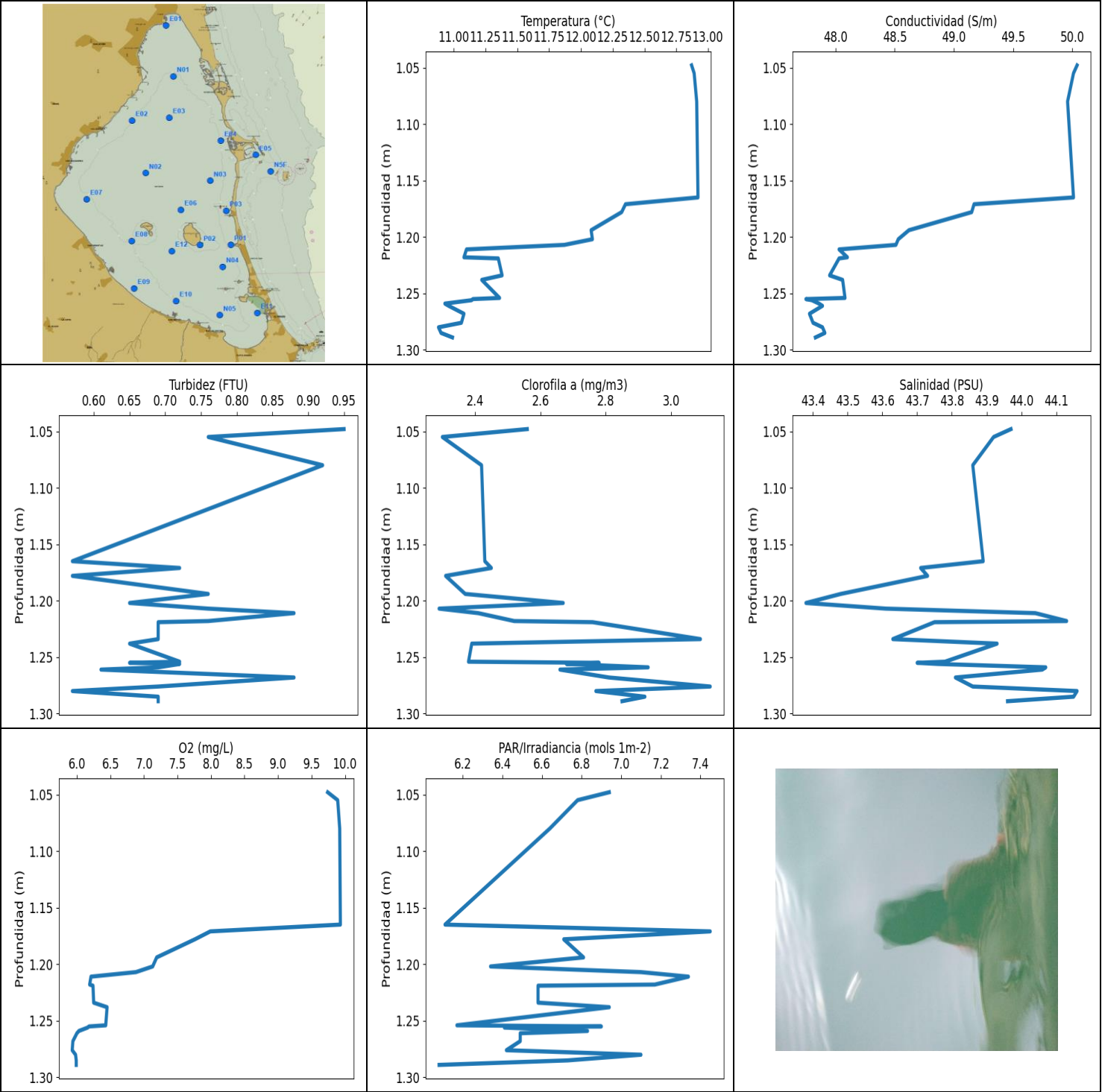


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	11.18	46.35	2.25	8.86	1.21	2.27	41.32
PROF (metros)	1.305	1.313	1.313	0.9	1.367	1.138	1.313
MÁXIMO	12.55	12.55	4.01	9.94	1.46	3.4	44.07
PROF (metros)	0.974	0.9	0.9	1.293	0.9	1.317	0.9

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	12.5	49.25	3.0	8.89	1.44	2.38	43.63
1 - 2m	11.81	47.57	2.44	9.68	1.31	2.58	42.74

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m con los valores 2.38, 2.58 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)
0.9	12.41	49.59	4.0	8.86	1.46	2.42	44.07
0.974	12.55	49.19	2.56	8.88	1.43	2.38	43.5
0.99	12.53	48.98	2.44	8.93	1.42	2.35	43.32
1.019	12.35	48.73	2.4	9.01	1.4	2.34	43.28
1.065	12.17	48.57	2.29	9.1	1.38	2.32	43.32
1.105	12.07	48.3	2.33	9.2	1.37	2.3	43.17
1.138	11.99	48.16	2.29	9.29	1.35	2.27	43.11
1.153	11.89	48.06	2.44	9.38	1.36	2.48	43.13
1.155	11.76	47.85	2.56	9.47	1.34	2.49	43.07
1.159	11.64	47.88	2.36	9.55	1.33	2.54	43.25
1.169	11.58	47.93	2.52	9.61	1.31	2.35	43.37
1.186	11.65	47.8	2.71	9.66	1.29	2.33	43.15
1.207	11.73	47.48	2.56	9.69	1.28	2.3	42.73
1.28	11.78	48.28	2.56	9.67	1.25	2.48	43.49
1.293	11.46	46.75	2.44	9.94	1.29	2.44	42.3
1.294	11.44	46.69	2.52	9.94	1.33	2.4	42.27
1.299	11.29	46.71	2.44	9.93	1.31	2.59	42.46
1.305	11.18	46.89	2.59	9.92	1.31	2.36	42.77
1.313	11.97	46.35	2.25	9.85	1.27	2.66	41.32
1.316	12.18	47.47	2.33	9.77	1.27	2.83	42.2
1.317	12.11	47.06	2.36	9.9	1.25	3.4	41.88
1.324	11.97	47.72	2.4	9.88	1.35	3.27	42.7
1.341	11.93	46.96	2.36	9.93	1.25	3.14	41.98
1.344	11.86	47.36	2.36	9.92	1.3	2.82	42.47
1.354	11.8	47.75	2.48	9.9	1.3	2.71	42.93
1.364	11.78	47.66	2.56	9.91	1.25	2.53	42.86
1.367	11.77	47.24	2.56	9.94	1.21	2.6	42.45

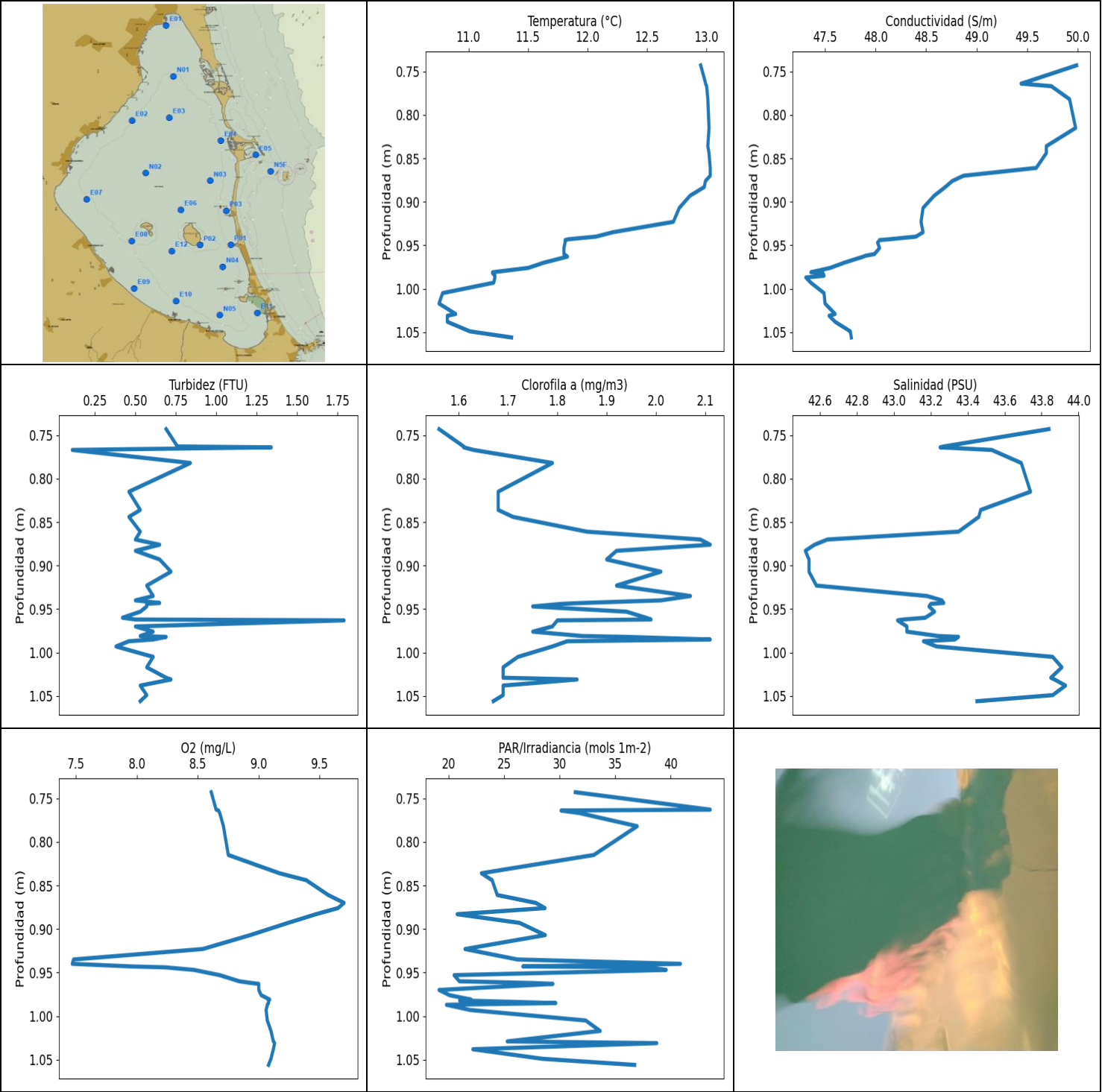


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	10.88	47.75	0.57	5.93	6.08	2.29	43.38
PROF (metros)	1.28	1.255	1.165	1.276	1.289	1.207	1.202
MÁXIMO	12.92	12.92	0.95	9.93	7.45	3.12	44.16
PROF (metros)	1.165	1.048	1.048	1.165	1.171	1.276	1.28

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)
1 - 2m	11.62	48.45	0.72	7.02	6.71	2.62	43.85

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 1 - 2m con los valores 2.62 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)
1.048	12.87	50.04	0.95	9.74	6.94	2.56	43.97
1.055	12.89	50.01	0.76	9.89	6.78	2.3	43.92
1.08	12.91	49.96	0.92	9.92	6.64	2.42	43.86
1.165	12.92	50.01	0.57	9.93	6.11	2.43	43.89
1.171	12.35	49.17	0.72	7.99	7.45	2.45	43.71
1.178	12.32	49.15	0.57	7.76	6.71	2.31	43.73
1.194	12.08	48.62	0.76	7.19	6.81	2.37	43.48
1.202	12.09	48.53	0.65	7.13	6.34	2.67	43.38
1.207	11.87	48.51	0.76	6.88	7.1	2.29	43.61
1.211	11.1	48.03	0.88	6.21	7.34	2.41	44.04
1.218	11.08	48.1	0.76	6.19	7.17	2.52	44.13
1.219	11.35	48.03	0.69	6.24	6.58	2.76	43.75
1.234	11.38	47.95	0.69	6.25	6.58	3.09	43.63
1.238	11.22	48.06	0.65	6.45	6.94	2.39	43.93
1.254	11.36	48.08	0.72	6.43	6.17	2.38	43.78
1.255	11.15	47.75	0.65	6.18	6.9	2.78	43.7
1.256	11.14	47.8	0.72	6.16	6.41	2.68	43.76
1.259	10.93	47.86	0.69	6.03	6.83	2.93	44.07
1.261	10.96	47.89	0.61	6.0	6.49	2.66	44.06
1.268	11.08	47.78	0.88	5.94	6.49	2.81	43.81
1.276	11.06	47.81	0.69	5.93	6.42	3.12	43.86
1.28	10.88	47.89	0.57	5.98	7.1	2.77	44.16
1.285	10.9	47.91	0.69	5.99	6.73	2.92	44.15
1.289	10.99	47.83	0.69	5.99	6.08	2.85	43.96

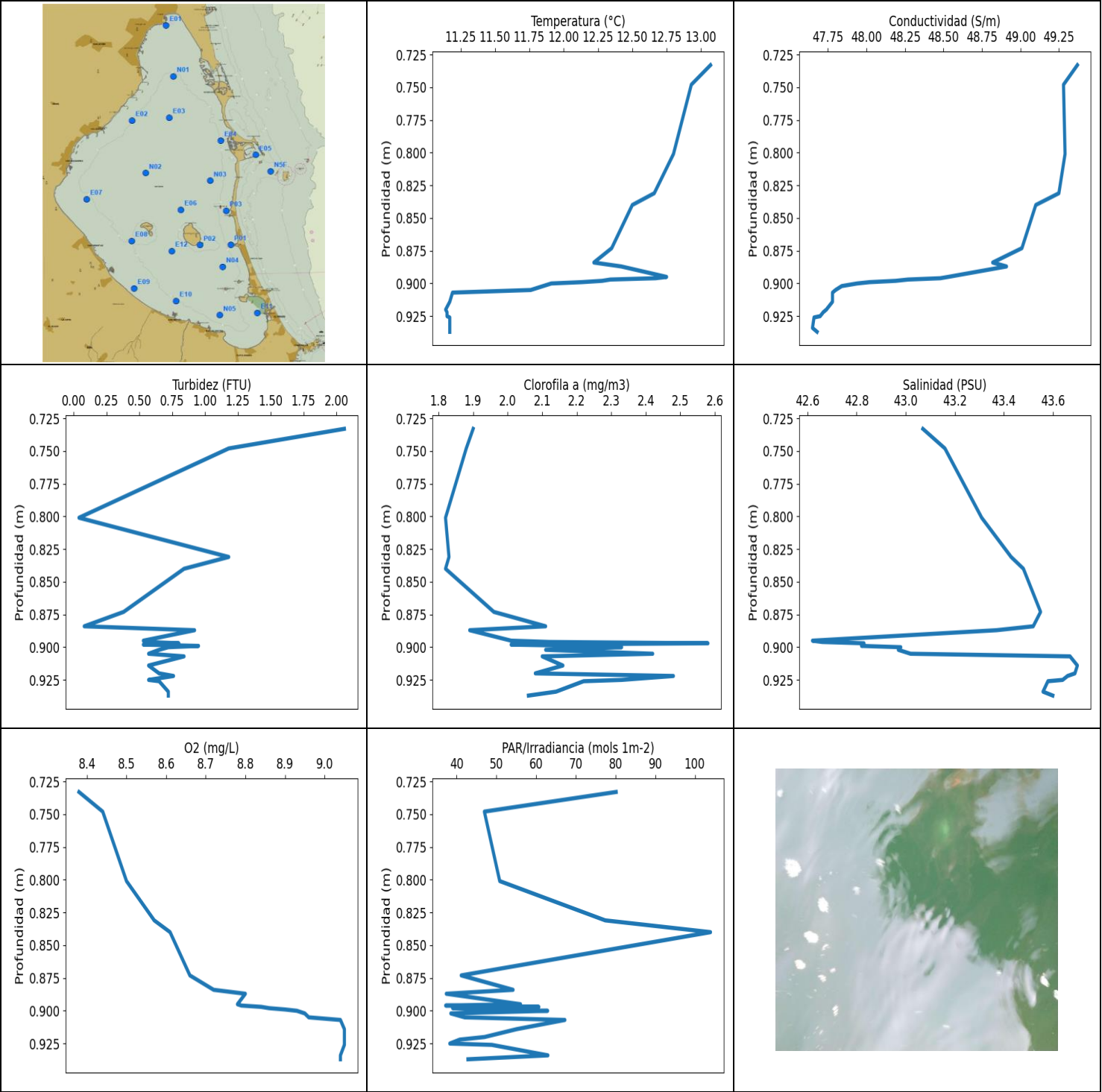


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	10.75	47.31	0.11	7.47	19.16	1.56	42.52
PROF (metros)	1.017	0.987	0.767	0.94	0.97	0.743	0.883
MÁXIMO	13.03	13.03	1.79	9.7	43.56	2.11	43.93
PROF (metros)	0.861	0.743	0.963	0.87	0.763	0.876	1.038

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	12.28	48.53	0.62	8.85	27.62	1.85	43.16
1 - 2m	10.92	47.61	0.6	9.1	31.07	1.71	43.82

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.743	12.95	49.99	0.69	8.61	31.42	1.56	43.84
0.763	12.99	49.47	0.76	8.65	43.56	1.61	43.27
0.764	12.99	49.44	1.34	8.67	30.14	1.61	43.25
0.767	13.0	49.74	0.11	8.68	31.82	1.63	43.53
0.782	13.01	49.92	0.84	8.71	36.99	1.79	43.69
0.815	13.02	49.98	0.46	8.75	33.09	1.68	43.74
0.836	13.01	49.69	0.53	9.17	22.97	1.68	43.47
0.844	13.02	49.69	0.46	9.39	23.94	1.71	43.46
0.861	13.03	49.59	0.53	9.57	24.4	1.86	43.35
0.87	13.03	48.87	0.5	9.7	27.86	2.09	42.64
0.876	12.99	48.76	0.65	9.65	28.7	2.11	42.57
0.883	12.98	48.69	0.5	9.47	20.79	1.92	42.52
0.893	12.86	48.58	0.65	9.24	26.41	1.9	42.54
0.907	12.77	48.47	0.72	8.93	28.72	2.01	42.54
0.923	12.72	48.45	0.57	8.54	21.5	1.92	42.58
0.935	12.21	48.47	0.61	7.48	26.21	2.07	43.18
0.94	12.07	48.4	0.5	7.47	40.88	2.01	43.26
0.943	11.84	48.14	0.65	7.96	26.7	1.85	43.27
0.944	11.81	48.04	0.57	8.23	38.12	1.81	43.2
0.947	11.81	48.02	0.57	8.47	39.6	1.75	43.19
0.953	11.8	48.04	0.53	8.68	20.52	1.94	43.22
0.96	11.8	47.99	0.42	8.84	20.99	1.98	43.17
0.962	11.82	47.9	0.5	8.94	27.54	1.99	43.05
0.963	11.83	47.88	1.79	9.0	29.41	1.8	43.02
0.97	11.63	47.69	0.5	9.0	19.16	1.79	43.07
0.976	11.5	47.55	0.61	9.02	20.11	1.75	43.07
0.981	11.2	47.36	0.53	9.09	22.04	1.85	43.24
0.982	11.2	47.48	0.69	9.08	21.02	1.94	43.35
0.985	11.22	47.49	0.61	9.08	29.67	2.11	43.33
0.987	11.22	47.31	0.46	9.07	19.83	1.82	43.16
0.993	11.21	47.36	0.38	9.06	21.98	1.79	43.23
1.005	10.78	47.49	0.61	9.07	32.35	1.72	43.86
1.017	10.75	47.5	0.57	9.1	33.66	1.69	43.91
1.029	10.89	47.6	0.69	9.12	25.3	1.69	43.85
1.031	10.82	47.54	0.72	9.13	38.75	1.84	43.87
1.038	10.82	47.6	0.53	9.12	22.2	1.69	43.93
1.049	11.01	47.75	0.57	9.1	28.48	1.69	43.86
1.056	11.36	47.76	0.53	9.08	36.76	1.67	43.45

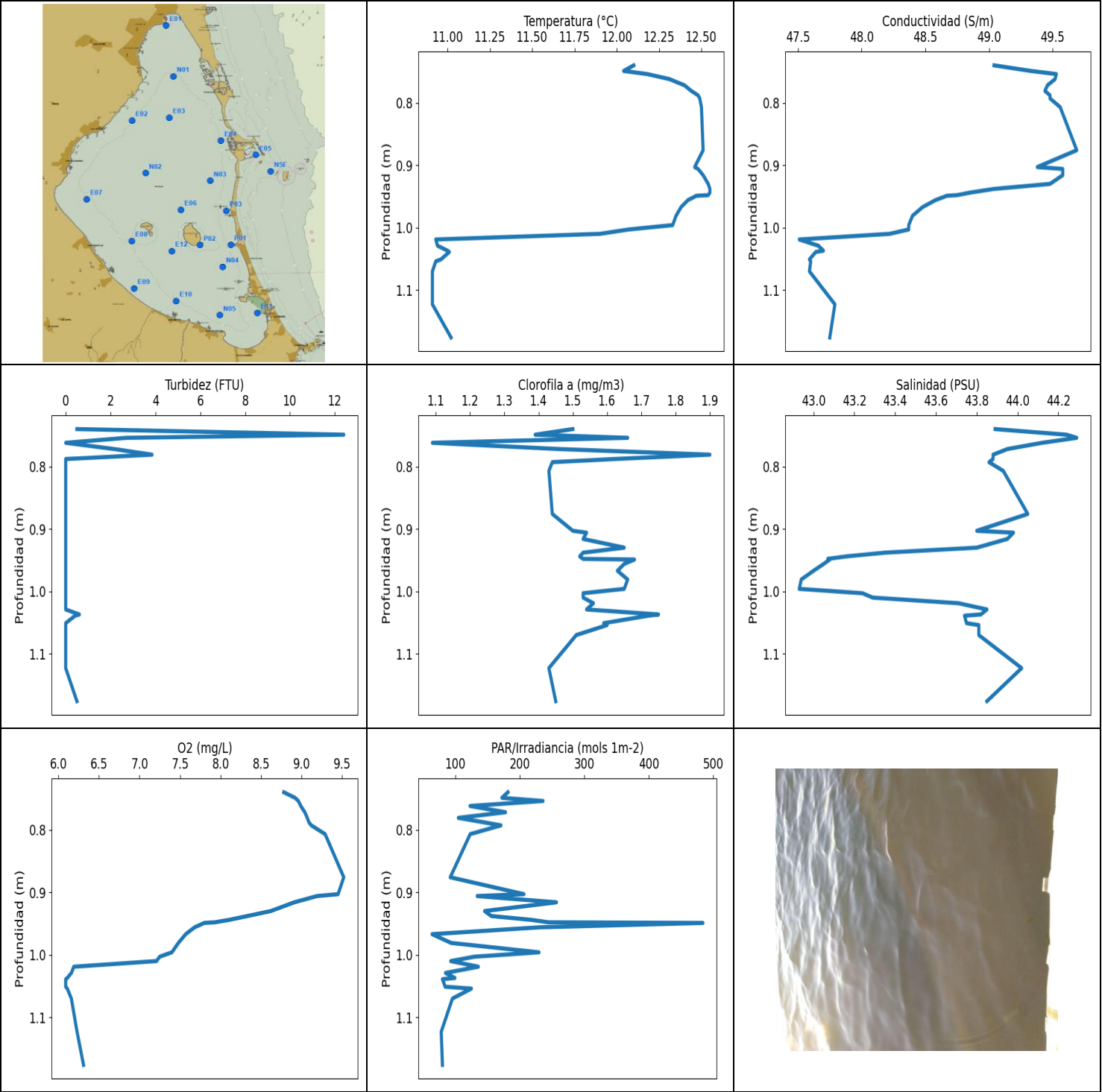


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	11.14	47.65	0.04	8.38	37.22	1.82	42.62
PROF (metros)	0.92	0.934	0.801	0.733	0.896	0.801	0.895
MÁXIMO	13.07	13.07	2.06	9.05	103.93	2.58	43.7
PROF (metros)	0.733	0.733	0.733	0.914	0.84	0.897	0.914

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	12.0	48.33	0.73	8.84	53.18	2.11	43.28

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m con los valores 2.11 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)
0.733	13.07	49.37	2.06	8.38	80.17	1.9	43.07
0.748	12.93	49.28	1.18	8.44	46.97	1.88	43.16
0.801	12.8	49.29	0.04	8.5	50.84	1.82	43.31
0.831	12.66	49.25	1.18	8.57	77.41	1.83	43.43
0.84	12.5	49.1	0.84	8.61	103.93	1.82	43.48
0.873	12.35	49.01	0.38	8.66	41.14	1.96	43.55
0.884	12.22	48.82	0.08	8.72	54.21	2.11	43.52
0.887	12.42	48.91	0.92	8.8	37.38	1.89	43.37
0.895	12.75	48.53	0.53	8.78	56.08	2.01	42.62
0.896	12.67	48.48	0.57	8.79	37.22	2.12	42.66
0.897	12.34	48.27	0.8	8.84	60.69	2.58	42.83
0.898	12.28	48.19	0.53	8.86	38.98	2.01	42.83
0.899	12.13	48.02	0.95	8.9	44.77	2.21	42.82
0.9	11.91	47.94	0.72	8.93	62.91	2.33	42.98
0.902	11.85	47.84	0.65	8.95	38.52	2.11	42.97
0.905	11.76	47.8	0.57	8.96	42.04	2.42	43.02
0.907	11.19	47.78	0.84	9.04	67.25	2.1	43.67
0.914	11.17	47.78	0.57	9.05	55.12	2.16	43.7
0.92	11.14	47.74	0.65	9.05	47.03	2.08	43.69
0.922	11.15	47.72	0.76	9.05	40.77	2.48	43.66
0.925	11.15	47.7	0.57	9.05	38.26	2.33	43.64
0.926	11.17	47.66	0.65	9.05	48.84	2.22	43.58
0.934	11.17	47.65	0.72	9.04	62.97	2.14	43.56
0.937	11.17	47.68	0.72	9.04	42.83	2.06	43.6

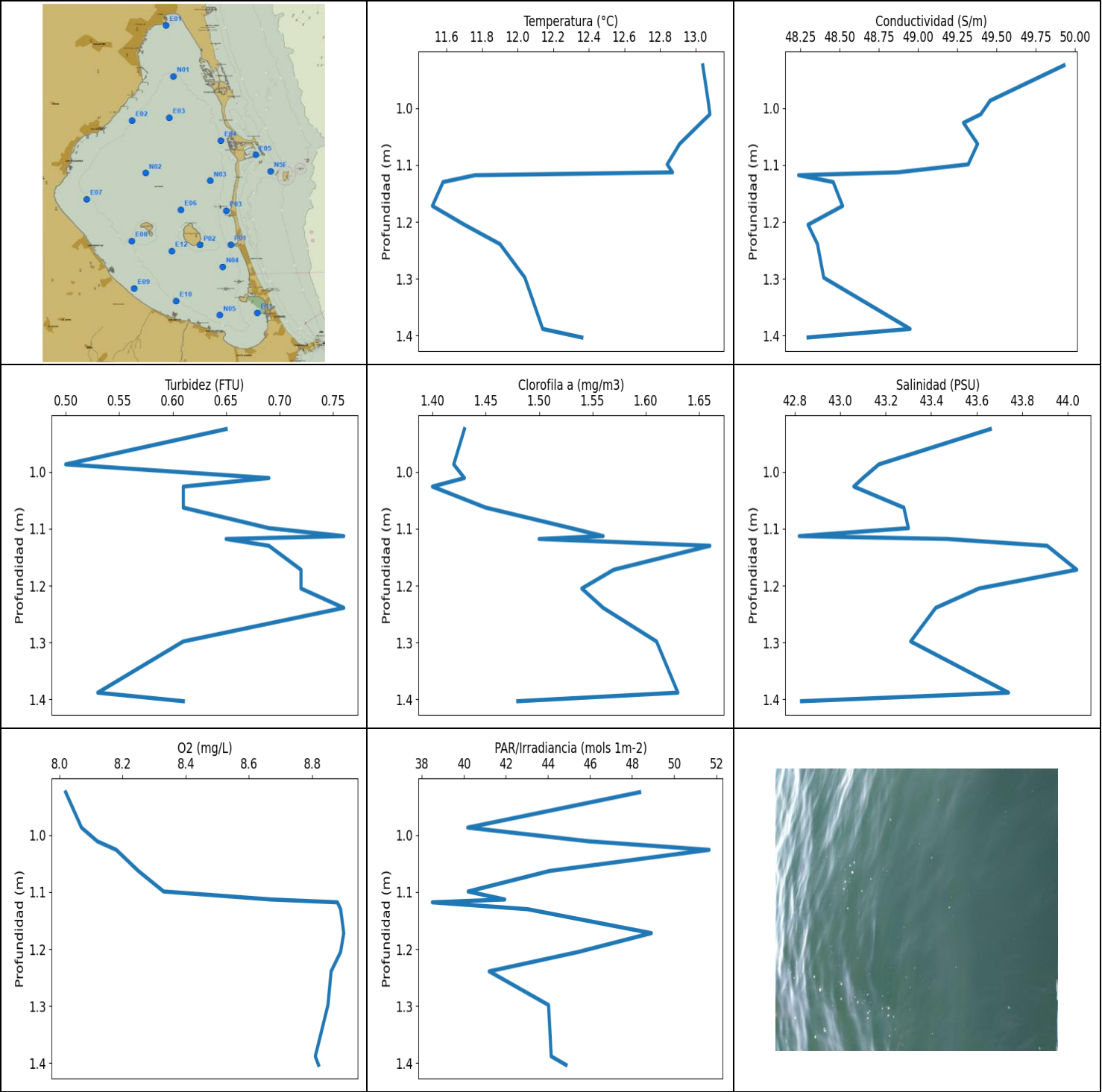


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	10.91	47.51	0.0	6.09	64.01	1.09	42.93
PROF (metros)	1.07	1.019	0.762	1.039	0.967	0.762	0.996
MÁXIMO	12.55	12.55	12.4	9.52	484.08	1.9	44.29
PROF (metros)	0.938	0.876	0.749	0.876	0.949	0.781	0.754

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	12.23	49.36	4.33	8.95	174.56	1.58	44.05
1 - 2m	11.01	47.7	0.51	6.17	86.53	1.64	43.8

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.74	12.1	49.04	0.5	8.78	181.65	1.5	43.89
0.749	12.04	49.33	12.4	8.92	172.3	1.39	44.24
0.754	12.18	49.53	2.71	8.96	236.09	1.66	44.29
0.762	12.31	49.52	0.0	8.99	122.89	1.09	44.12
0.772	12.4	49.46	2.17	9.04	178.02	1.46	43.95
0.781	12.44	49.44	3.85	9.07	104.73	1.9	43.88
0.788	12.48	49.48	0.0	9.09	143.74	1.62	43.88
0.793	12.49	49.48	0.0	9.12	170.87	1.44	43.86
0.807	12.5	49.56	0.0	9.29	123.12	1.43	43.93
0.876	12.51	49.69	0.0	9.52	92.22	1.44	44.05
0.903	12.46	49.38	0.0	9.45	206.49	1.5	43.8
0.906	12.48	49.58	0.0	9.19	134.02	1.54	43.98
0.916	12.51	49.58	0.0	8.91	256.93	1.53	43.95
0.93	12.54	49.48	0.0	8.62	145.55	1.65	43.8
0.938	12.55	49.04	0.0	8.33	155.99	1.53	43.35
0.944	12.55	48.85	0.0	8.11	217.29	1.52	43.16
0.948	12.54	48.75	0.0	7.93	244.67	1.53	43.07
0.949	12.47	48.67	0.0	7.8	484.08	1.68	43.08
0.956	12.42	48.58	0.0	7.68	230.9	1.65	43.05
0.967	12.38	48.48	0.0	7.57	64.01	1.63	43.0
0.981	12.35	48.4	0.0	7.48	93.59	1.66	42.94
0.996	12.33	48.37	0.0	7.4	229.88	1.65	42.93
1.003	12.07	48.37	0.0	7.25	129.89	1.53	43.24
1.01	11.9	48.22	0.0	7.21	92.9	1.53	43.29
1.019	10.93	47.51	0.0	6.19	135.83	1.56	43.71
1.029	10.94	47.66	0.0	6.16	84.76	1.54	43.85
1.037	11.0	47.7	0.61	6.11	99.43	1.75	43.82
1.039	11.01	47.64	0.42	6.09	80.1	1.72	43.74
1.051	10.96	47.59	0.0	6.09	84.34	1.59	43.75
1.054	10.93	47.6	0.0	6.11	125.02	1.6	43.81
1.07	10.91	47.59	0.0	6.16	95.54	1.51	43.81
1.123	10.91	47.79	0.0	6.23	78.22	1.43	44.02
1.176	11.02	47.75	0.5	6.31	80.08	1.45	43.85

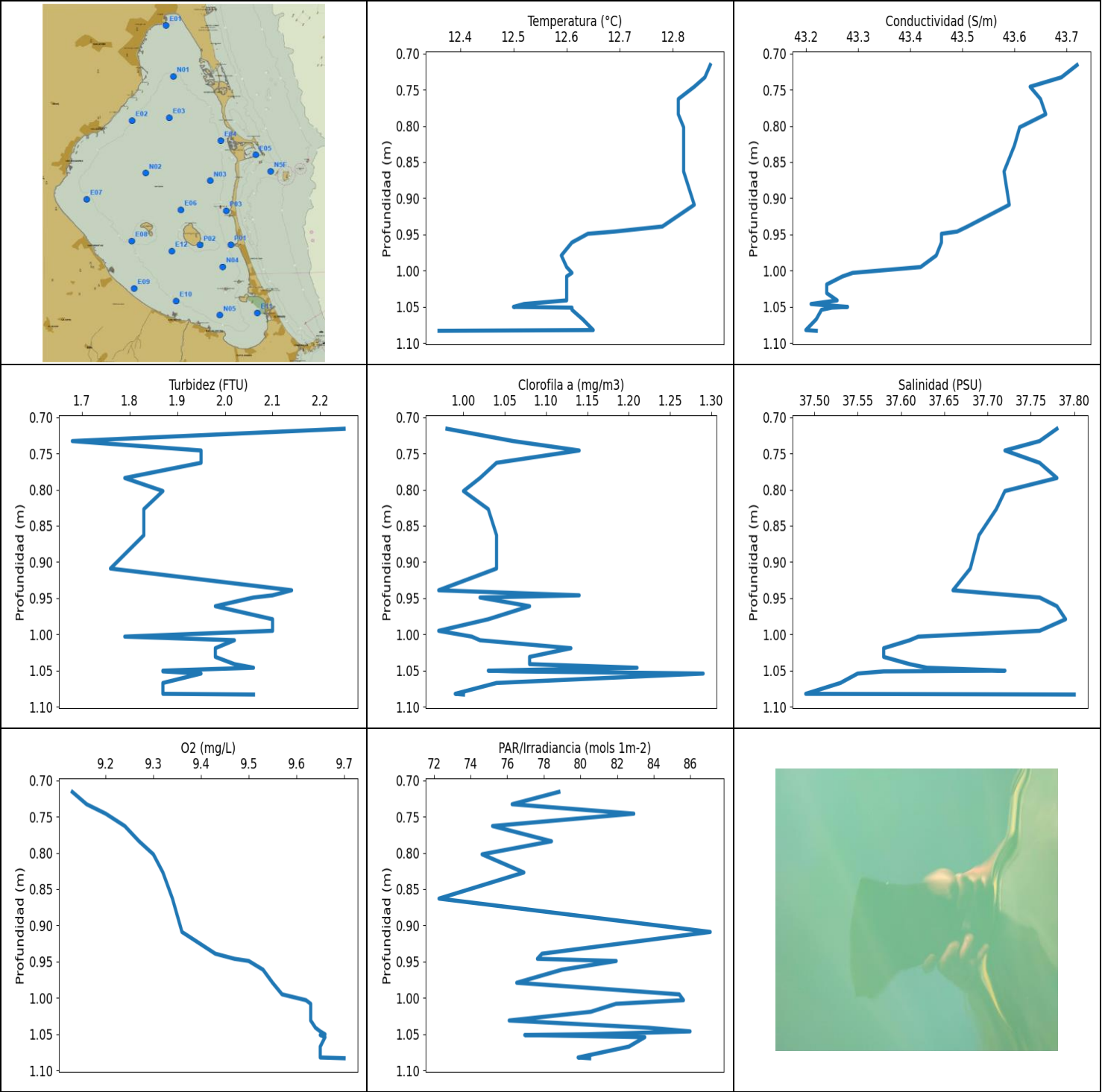


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	11.52	48.24	0.5	8.02	38.51	1.4	42.82
PROF (metros)	1.172	1.118	0.987	0.925	1.118	1.026	1.113
MÁXIMO	13.08	13.08	0.76	8.9	51.66	1.66	44.04
PROF (metros)	1.011	0.925	1.113	1.172	1.026	1.13	1.172

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	13.06	49.7	0.57	8.04	44.28	1.42	43.42
1 - 2m	12.29	48.75	0.67	8.65	44.15	1.53	43.38

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.925	13.04	49.93	0.65	8.02	48.36	1.43	43.66
0.987	13.07	49.46	0.5	8.07	40.19	1.42	43.17
1.011	13.08	49.4	0.69	8.12	45.94	1.43	43.1
1.026	13.03	49.29	0.61	8.18	51.66	1.4	43.06
1.063	12.91	49.38	0.61	8.25	44.08	1.45	43.28
1.099	12.84	49.32	0.69	8.33	40.21	1.53	43.3
1.113	12.87	48.87	0.76	8.67	41.95	1.56	42.82
1.118	11.76	48.24	0.65	8.88	38.51	1.5	43.47
1.13	11.58	48.46	0.69	8.89	43.03	1.66	43.91
1.172	11.52	48.52	0.72	8.9	48.92	1.57	44.04
1.205	11.7	48.3	0.72	8.89	45.45	1.54	43.61
1.239	11.9	48.36	0.76	8.86	41.21	1.56	43.42
1.298	12.04	48.4	0.61	8.85	44.03	1.61	43.31
1.388	12.14	48.95	0.53	8.81	44.16	1.63	43.74
1.403	12.36	48.3	0.61	8.82	44.86	1.48	42.83

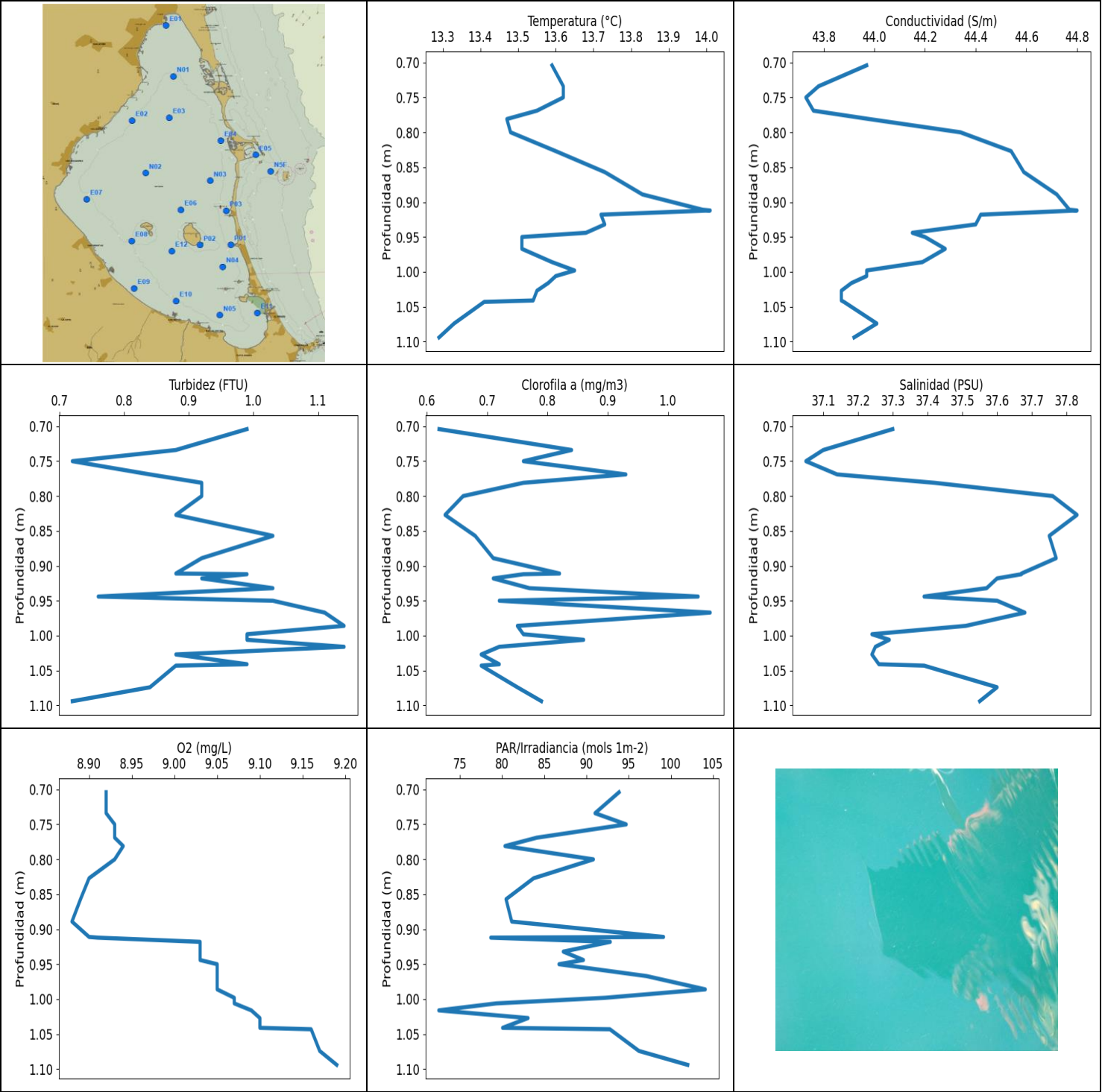


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.36	43.2	1.68	9.13	72.28	0.97	37.49
PROF (metros)	1.083	1.082	0.733	0.716	0.863	0.939	1.082
MÁXIMO	12.87	12.87	2.25	9.7	87.09	1.29	37.8
PROF (metros)	0.716	0.716	0.716	1.083	0.909	1.054	1.083

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	12.76	43.57	1.96	9.36	78.73	1.04	37.74
1 - 2m	12.57	43.24	1.95	9.65	81.49	1.08	37.61

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.716	12.87	43.72	2.25	9.13	78.82	0.98	37.78
0.733	12.86	43.69	1.68	9.16	76.27	1.06	37.76
0.746	12.84	43.63	1.95	9.2	82.91	1.14	37.72
0.763	12.81	43.65	1.95	9.24	75.2	1.04	37.76
0.784	12.81	43.66	1.79	9.27	78.42	1.02	37.78
0.802	12.82	43.61	1.87	9.3	74.63	1.0	37.72
0.827	12.82	43.6	1.83	9.32	76.91	1.03	37.71
0.863	12.82	43.58	1.83	9.34	72.28	1.04	37.69
0.909	12.84	43.59	1.76	9.36	87.08	1.04	37.68
0.939	12.78	43.51	2.14	9.43	77.9	0.97	37.66
0.946	12.69	43.49	2.1	9.47	77.65	1.14	37.73
0.949	12.64	43.46	2.06	9.5	81.95	1.02	37.76
0.961	12.61	43.46	1.98	9.53	78.99	1.08	37.78
0.979	12.59	43.45	2.1	9.55	76.52	1.03	37.79
0.995	12.6	43.42	2.1	9.57	85.39	0.97	37.76
1.003	12.61	43.29	1.79	9.62	85.62	1.01	37.62
1.008	12.6	43.27	2.02	9.63	81.94	1.02	37.61
1.019	12.6	43.24	1.98	9.63	80.56	1.13	37.58
1.031	12.6	43.24	1.98	9.63	76.11	1.08	37.58
1.041	12.6	43.26	2.02	9.64	83.7	1.08	37.61
1.046	12.52	43.21	2.06	9.65	85.98	1.21	37.63
1.05	12.5	43.28	1.87	9.66	80.43	1.03	37.72
1.051	12.61	43.25	1.87	9.65	76.96	1.06	37.58
1.054	12.61	43.23	1.95	9.66	83.51	1.29	37.55
1.067	12.63	43.22	1.87	9.65	82.64	1.04	37.53
1.082	12.65	43.2	1.87	9.65	79.87	0.99	37.49
1.083	12.36	43.22	2.06	9.7	80.5	1.0	37.8

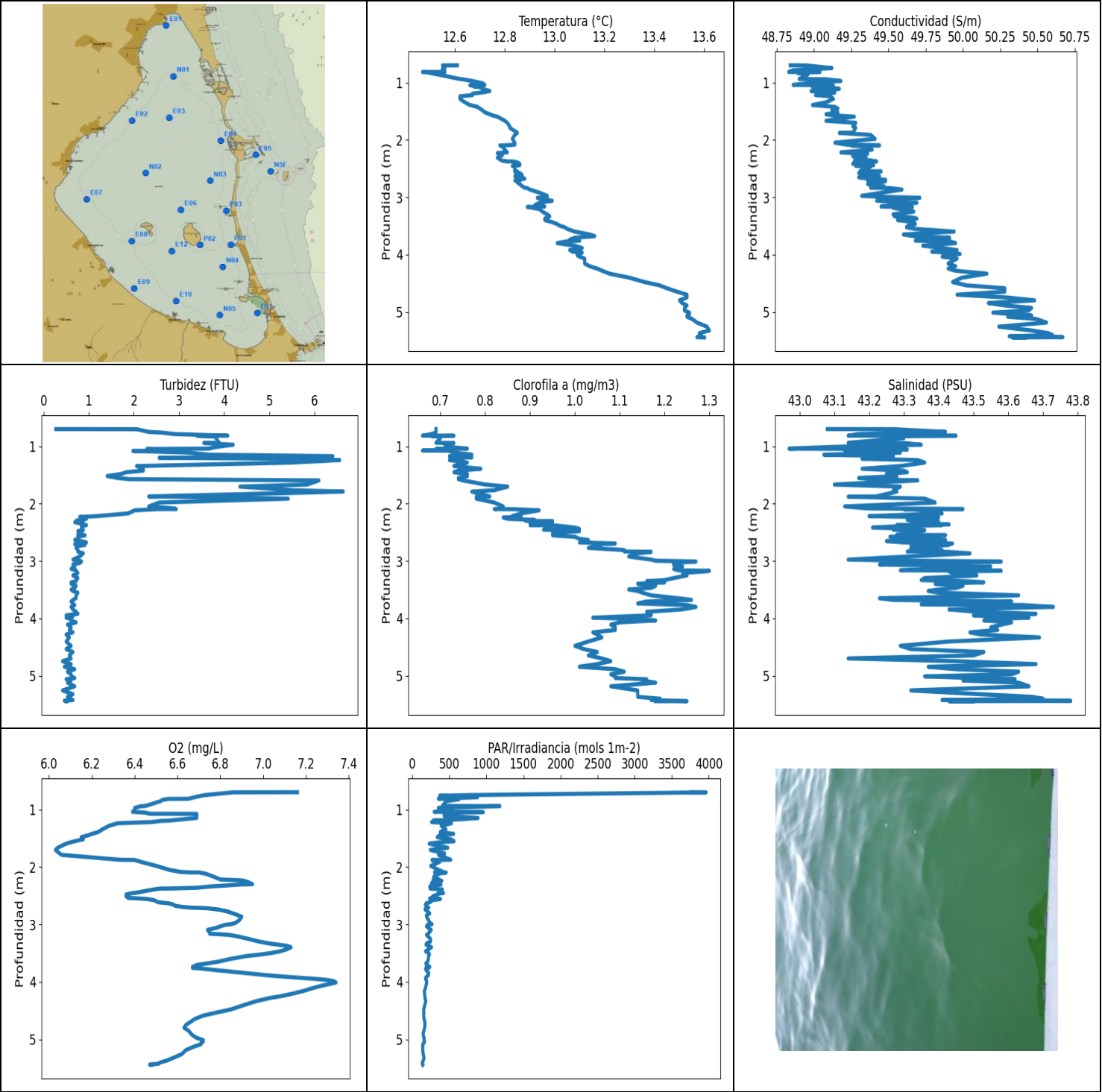


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.29	43.73	0.73	8.88	72.5	0.62	37.05
PROF (metros)	1.094	0.75	0.75	0.889	1.016	0.704	0.75
MÁXIMO	14.01	44.01	1.14	9.19	104.08	1.07	37.83
PROF (metros)	0.912	0.912	0.986	1.094	0.986	0.967	0.827

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	13.66	44.26	0.94	8.96	89.32	0.78	37.5
1 - 2m	13.47	43.92	0.92	9.12	86.57	0.75	37.37

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.704	13.59	43.97	0.99	8.92	93.86	0.62	37.3
0.734	13.62	43.78	0.88	8.92	91.01	0.84	37.1
0.75	13.62	43.73	0.72	8.93	94.71	0.76	37.05
0.769	13.55	43.76	0.84	8.93	84.11	0.93	37.14
0.781	13.47	43.98	0.92	8.94	80.34	0.76	37.42
0.8	13.48	44.34	0.92	8.93	90.82	0.66	37.76
0.827	13.6	44.54	0.88	8.9	83.74	0.63	37.83
0.857	13.73	44.59	1.03	8.89	80.47	0.68	37.75
0.889	13.83	44.72	0.92	8.88	81.14	0.71	37.77
0.911	13.99	44.77	0.88	8.9	99.13	0.82	37.67
0.912	14.01	44.8	0.99	8.91	78.66	0.76	37.67
0.918	13.72	44.42	0.92	9.03	92.82	0.71	37.6
0.932	13.73	44.4	1.03	9.03	87.25	0.77	37.57
0.944	13.68	44.15	0.76	9.03	89.64	1.05	37.39
0.95	13.51	44.2	1.03	9.05	86.74	0.72	37.6
0.967	13.51	44.28	1.11	9.05	97.13	1.07	37.68
0.986	13.59	44.19	1.14	9.05	104.08	0.75	37.51
0.998	13.65	43.97	0.99	9.07	92.22	0.76	37.24
1.006	13.6	43.97	0.99	9.07	79.34	0.86	37.29
1.016	13.58	43.91	1.14	9.09	72.5	0.72	37.25
1.027	13.55	43.87	0.88	9.1	83.08	0.69	37.24
1.041	13.54	43.87	0.99	9.1	80.06	0.72	37.26
1.043	13.41	43.88	0.88	9.16	92.77	0.69	37.39
1.074	13.33	44.01	0.84	9.17	96.21	0.75	37.6
1.094	13.29	43.92	0.72	9.19	102.0	0.79	37.55



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/m³)	Salinidad (PSU)
MÍNIMO	12.47	48.83	0.27	6.03	135.24	0.66	42.97
PROF (metros)	0.816	0.815	0.7	1.703	5.425	0.815	1.041
MÁXIMO	13.62	13.62	6.64	7.34	3964.6	1.3	43.78
PROF (metros)	5.323	5.44	1.79	4.011	0.702	3.171	5.44

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	12.56	48.97	3.11	6.63	1102.4	0.7	43.27
1 - 2m	12.73	49.13	3.56	6.34	449.1	0.75	43.24
2 - 3m	12.84	49.36	1.03	6.67	284.72	0.98	43.34
3 - 4m	13.01	49.69	0.68	6.92	209.68	1.2	43.46
4 - 5m	13.33	50.1	0.58	6.91	166.38	1.07	43.5
5 - 6m	13.57	50.43	0.56	6.59	145.36	1.16	43.55

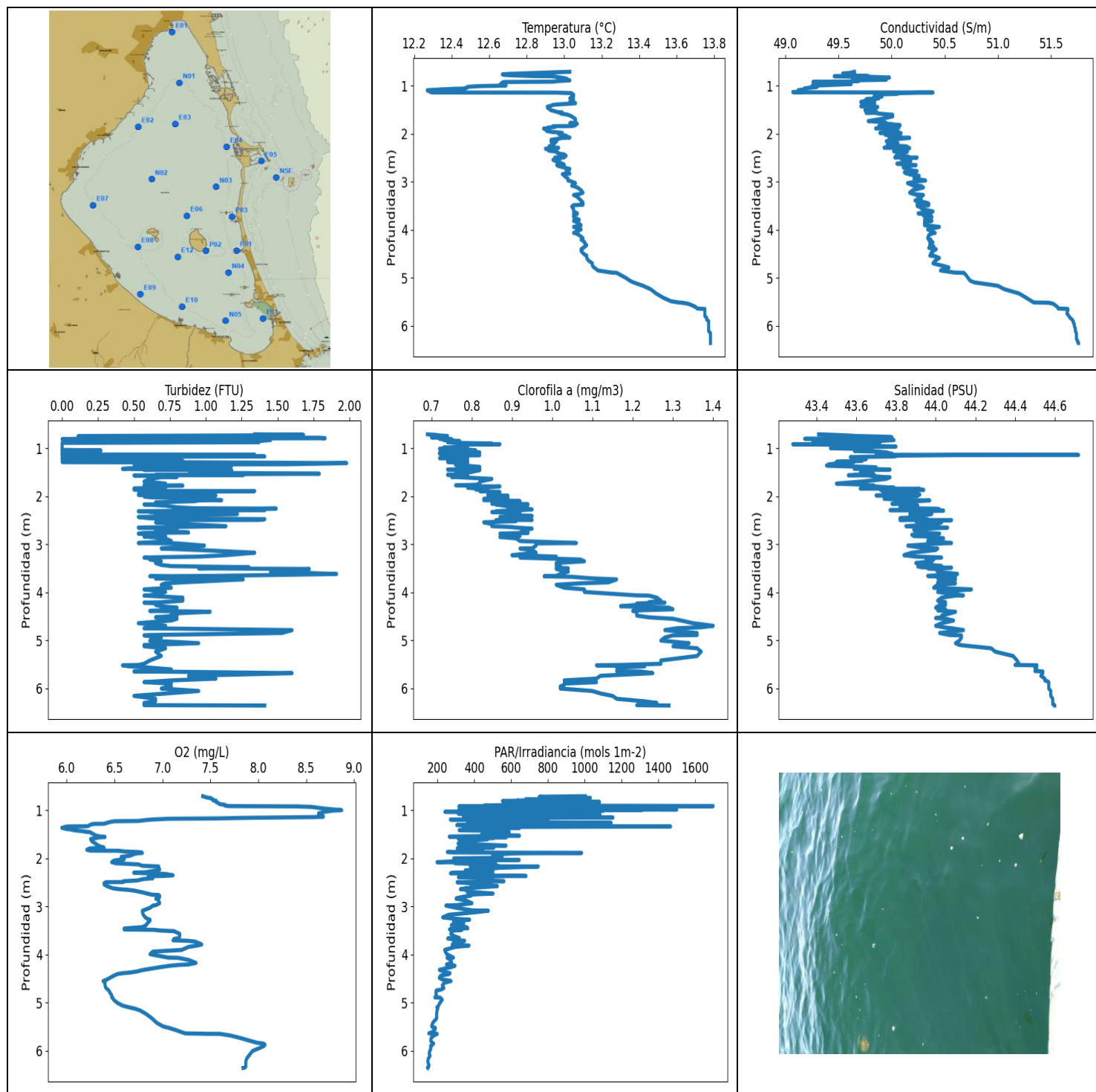
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	12.61	48.84	0.27	7.16	3762.3	0.69	43.08
0.702	12.55	48.95	2.06	6.86	3964.6	0.69	43.27
0.749	12.56	49.12	2.33	6.73	806.44	0.69	43.42
0.762	12.55	49.01	2.63	6.71	369.1	0.69	43.32
0.787	12.55	48.86	2.9	6.68	879.46	0.68	43.17
0.815	12.56	48.83	4.08	6.65	351.57	0.66	43.14
0.816	12.47	49.04	3.4	6.56	599.83	0.73	43.45
0.821	12.49	48.93	3.55	6.55	628.58	0.68	43.32
0.833	12.5	48.89	3.82	6.53	572.53	0.7	43.26
0.857	12.53	48.96	3.82	6.52	458.21	0.7	43.3
0.939	12.62	48.9	3.89	6.45	405.24	0.69	43.14
0.943	12.63	49.08	3.55	6.43	1181.6	0.73	43.3
0.973	12.67	49.18	4.2	6.4	351.73	0.71	43.35
1.012	12.71	48.96	3.82	6.4	535.06	0.72	43.09
1.041	12.72	48.86	3.66	6.39	295.4	0.76	42.97
1.048	12.66	49.11	2.29	6.42	957.77	0.69	43.3
1.055	12.67	49.13	2.4	6.45	431.01	0.72	43.31
1.075	12.68	49.07	2.4	6.47	573.72	0.66	43.24
1.077	12.71	48.99	2.82	6.69	596.78	0.73	43.13
1.08	12.7	49.08	1.98	6.69	464.84	0.72	43.22
1.109	12.71	49.17	3.17	6.69	427.63	0.73	43.29
1.147	12.74	48.98	3.66	6.69	886.83	0.77	43.07
1.172	12.71	49.14	6.41	6.62	639.16	0.72	43.27
1.194	12.67	49.03	4.54	6.56	282.28	0.77	43.2
1.2	12.67	49.07	2.56	6.52	433.12	0.73	43.24
1.219	12.67	49.01	5.49	6.48	260.47	0.75	43.18
1.24	12.62	49.11	6.56	6.32	527.67	0.72	43.34
1.285	12.62	49.13	5.46	6.28	389.95	0.76	43.36
1.345	12.64	49.08	2.06	6.25	452.51	0.73	43.29
1.392	12.66	48.99	2.21	6.23	376.62	0.79	43.18
1.425	12.69	49.14	2.21	6.2	557.34	0.74	43.3
1.453	12.7	49.16	1.83	6.18	363.59	0.73	43.31
1.482	12.71	49.12	1.72	6.15	335.8	0.76	43.25
1.52	12.72	49.16	1.41	6.16	524.26	0.76	43.28
1.553	12.74	49.08	1.64	6.12	562.92	0.74	43.17
1.573	12.75	49.13	1.91	6.1	358.23	0.74	43.21

1.595	12.77	49.27	6.1	6.08	228.18	0.75	43.34
1.667	12.8	49.08	5.84	6.04	477.73	0.8	43.1
1.703	12.81	49.28	4.35	6.03	241.79	0.85	43.29
1.766	12.82	49.26	5.53	6.05	435.23	0.82	43.27
1.79	12.82	49.28	6.64	6.06	354.1	0.77	43.28
1.875	12.85	49.26	2.33	6.33	518.46	0.81	43.22
1.879	12.85	49.17	2.94	6.4	265.9	0.78	43.14
1.913	12.84	49.38	5.42	6.43	367.91	0.78	43.36
1.981	12.83	49.41	2.56	6.5	248.96	0.82	43.39
2.049	12.84	49.14	2.33	6.56	348.41	0.84	43.13
2.084	12.84	49.22	2.9	6.61	413.21	0.84	43.2
2.095	12.8	49.44	2.94	6.65	300.1	0.82	43.47
2.096	12.78	49.25	2.52	6.7	456.94	0.86	43.3
2.116	12.79	49.34	2.02	6.73	361.4	0.92	43.37
2.171	12.8	49.39	1.87	6.77	288.3	0.88	43.41
2.218	12.81	49.18	1.18	6.8	363.84	0.86	43.2
2.232	12.77	49.27	0.8	6.89	278.0	0.88	43.33
2.241	12.78	49.36	0.84	6.91	397.15	0.84	43.4
2.264	12.79	49.29	0.95	6.93	305.78	0.85	43.33
2.285	12.78	49.26	0.84	6.94	257.59	0.91	43.31
2.301	12.78	49.34	0.72	6.95	310.86	0.89	43.39
2.304	12.78	49.27	0.88	6.9	386.53	0.95	43.32
2.312	12.77	49.35	0.84	6.87	338.93	0.92	43.4
2.324	12.78	49.28	0.69	6.82	299.4	0.95	43.33
2.341	12.78	49.31	0.8	6.75	235.16	0.9	43.35
2.362	12.79	49.39	0.88	6.69	243.76	0.95	43.43
2.375	12.81	49.27	0.84	6.57	278.71	0.9	43.28
2.376	12.83	49.42	0.95	6.52	240.96	0.95	43.41
2.392	12.85	49.33	0.84	6.49	405.62	0.97	43.29
2.418	12.86	49.26	0.84	6.45	367.74	1.0	43.21
2.441	12.86	49.4	0.84	6.42	387.15	1.01	43.35
2.453	12.84	49.34	0.88	6.4	348.41	0.98	43.32
2.455	12.83	49.28	0.88	6.39	420.16	0.93	43.27
2.463	12.84	49.38	0.88	6.38	359.98	0.98	43.36
2.48	12.84	49.36	0.76	6.36	343.67	1.01	43.34
2.51	12.84	49.35	0.84	6.36	274.6	0.95	43.32
2.54	12.84	49.31	0.76	6.37	274.48	0.96	43.28
2.55	12.85	49.45	0.92	6.43	233.86	0.95	43.42
2.559	12.84	49.38	0.88	6.46	379.69	0.96	43.35
2.578	12.86	49.3	0.76	6.49	272.89	1.0	43.26
2.614	12.87	49.42	0.76	6.51	237.52	1.01	43.37
2.634	12.84	49.44	0.69	6.56	189.12	1.03	43.42
2.653	12.86	49.3	0.84	6.58	175.89	1.02	43.25
2.677	12.88	49.37	0.95	6.59	183.55	1.01	43.3
2.695	12.85	49.48	0.8	6.62	192.49	1.09	43.44
2.708	12.84	49.43	0.69	6.66	221.67	1.04	43.41
2.712	12.85	49.36	0.84	6.7	203.83	1.06	43.32
2.719	12.86	49.48	0.92	6.74	176.67	1.05	43.43
2.741	12.85	49.4	0.76	6.79	172.82	1.05	43.36
2.772	12.86	49.36	0.72	6.83	202.6	1.03	43.32
2.809	12.87	49.47	0.76	6.86	234.29	1.11	43.41
2.835	12.88	49.38	0.76	6.88	200.92	1.11	43.31
2.84	12.89	49.51	0.76	6.88	190.49	1.17	43.42
2.866	12.9	49.59	0.88	6.9	192.62	1.14	43.49
2.922	12.94	49.45	0.8	6.89	217.54	1.12	43.31
2.976	12.97	49.32	0.65	6.87	235.54	1.17	43.14
2.996	12.97	49.49	0.8	6.85	265.9	1.18	43.32
3.009	12.93	49.71	0.84	6.82	202.79	1.27	43.58

3.035	12.95	49.43	0.8	6.8	191.73	1.22	43.28
3.061	12.99	49.42	0.65	6.78	216.64	1.22	43.23
3.096	12.94	49.69	0.69	6.74	255.33	1.24	43.55
3.137	12.92	49.52	0.61	6.75	229.51	1.22	43.4
3.162	12.96	49.45	0.72	6.75	214.44	1.23	43.29
3.171	12.89	49.66	0.72	6.79	211.72	1.3	43.58
3.182	12.91	49.53	0.72	6.84	191.77	1.29	43.43
3.209	12.94	49.58	0.76	6.88	212.9	1.24	43.44
3.251	12.95	49.67	0.65	6.93	244.95	1.25	43.51
3.298	12.97	49.53	0.76	6.98	245.29	1.22	43.36
3.333	12.98	49.54	0.72	7.03	191.2	1.2	43.35
3.353	12.97	49.66	0.72	7.07	185.01	1.16	43.48
3.372	12.96	49.69	0.61	7.11	214.19	1.2	43.53
3.397	12.96	49.56	0.61	7.13	258.67	1.14	43.39
3.434	12.99	49.67	0.72	7.11	216.49	1.18	43.47
3.468	13.01	49.68	0.69	7.08	177.98	1.17	43.45
3.497	13.02	49.63	0.61	7.04	220.18	1.12	43.4
3.523	13.04	49.62	0.65	6.99	231.59	1.14	43.37
3.552	13.05	49.68	0.76	6.92	218.81	1.15	43.4
3.599	13.08	49.94	0.72	6.85	217.39	1.17	43.63
3.649	13.14	49.6	0.72	6.79	207.88	1.23	43.23
3.679	13.16	49.67	0.65	6.74	181.86	1.26	43.27
3.706	13.08	49.91	0.61	6.69	190.49	1.16	43.61
3.74	13.06	49.71	0.65	6.67	236.15	1.14	43.43
3.757	13.1	49.68	0.65	6.67	218.4	1.21	43.35
3.768	13.05	49.91	0.69	6.71	177.86	1.25	43.64
3.8	13.01	49.95	0.61	6.79	188.73	1.27	43.73
3.844	13.08	49.73	0.65	6.91	220.85	1.24	43.43
3.886	13.11	49.86	0.72	7.02	215.84	1.16	43.51
3.921	13.06	49.96	0.76	7.14	182.75	1.17	43.68
3.947	13.07	49.79	0.5	7.24	177.2	1.17	43.5
3.967	13.11	49.89	0.65	7.3	189.74	1.11	43.55
3.989	13.09	49.98	0.5	7.33	192.8	1.04	43.66
4.011	13.09	49.87	0.61	7.34	191.42	1.14	43.55
4.037	13.1	49.86	0.61	7.31	191.82	1.18	43.53
4.07	13.12	49.96	0.72	7.27	182.24	1.1	43.61
4.11	13.12	49.93	0.53	7.23	177.24	1.08	43.58
4.156	13.12	49.9	0.61	7.19	162.83	1.09	43.55
4.203	13.14	49.95	0.57	7.14	164.11	1.09	43.57
4.244	13.17	49.9	0.65	7.09	167.11	1.04	43.49
4.282	13.19	49.95	0.5	7.03	170.67	1.05	43.52
4.333	13.22	50.16	0.57	6.97	181.27	1.06	43.69
4.404	13.3	49.99	0.5	6.91	168.16	1.03	43.43
4.479	13.36	49.93	0.61	6.85	153.62	1.0	43.29
4.536	13.42	50.02	0.5	6.78	155.16	1.02	43.32
4.587	13.45	50.28	0.65	6.72	152.77	1.05	43.53
4.647	13.49	50.28	0.57	6.68	158.07	1.03	43.5
4.699	13.53	49.96	0.61	6.66	169.17	1.06	43.14
4.747	13.53	50.29	0.42	6.64	170.67	1.08	43.45
4.798	13.5	50.48	0.61	6.63	166.03	1.05	43.68
4.844	13.51	50.17	0.46	6.65	157.37	1.01	43.37
4.887	13.53	50.28	0.69	6.66	147.72	1.09	43.45
4.93	13.52	50.46	0.53	6.67	146.9	1.11	43.63
4.976	13.52	50.44	0.61	6.69	159.58	1.08	43.61
5.012	13.54	50.2	0.61	6.72	157.55	1.09	43.36
5.041	13.54	50.35	0.69	6.72	164.08	1.09	43.5
5.062	13.53	50.46	0.5	6.71	155.7	1.16	43.62
5.084	13.53	50.3	0.61	6.71	141.65	1.15	43.47

5.122	13.55	50.49	0.53	6.68	139.89	1.18	43.63
5.185	13.57	50.56	0.69	6.64	140.28	1.08	43.66
5.257	13.61	50.24	0.42	6.62	146.77	1.14	43.32
5.323	13.62	50.46	0.65	6.58	157.55	1.14	43.52
5.369	13.58	50.57	0.53	6.55	147.48	1.14	43.67
5.402	13.58	50.6	0.61	6.52	135.33	1.19	43.7
5.425	13.59	50.31	0.65	6.51	135.24	1.17	43.41
5.435	13.59	50.55	0.46	6.48	136.72	1.21	43.65
5.44	13.57	50.67	0.5	6.47	143.4	1.24	43.78
5.444	13.59	50.33	0.53	6.47	139.05	1.25	43.43
5.445	13.6	50.42	0.5	6.48	139.66	1.18	43.5



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	12.27	49.07	0.0	5.95	146.63	0.69	43.28
PROF (metros)	1.096	1.134	0.813	1.368	6.346	0.713	0.919
MÁXIMO	13.78	13.78	1.98	8.87	1696.6	1.4	44.72
PROF (metros)	6.153	6.346	1.313	1.002	0.918	4.695	1.143

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	12.85	49.68	1.13	7.52	800.47	0.72	43.65
1 - 2m	12.95	49.87	0.77	6.66	527.71	0.8	43.71
2 - 3m	12.97	50.1	0.82	6.77	408.55	0.9	43.92
3 - 4m	13.07	50.29	0.91	6.97	311.49	1.02	44.0
4 - 5m	13.13	50.42	0.76	6.69	240.56	1.27	44.05
5 - 6m	13.62	51.4	0.71	7.32	182.38	1.19	44.44
6 - 7m	13.78	51.74	0.73	7.88	152.96	1.18	44.59

OBSERVACIONES GENERALES

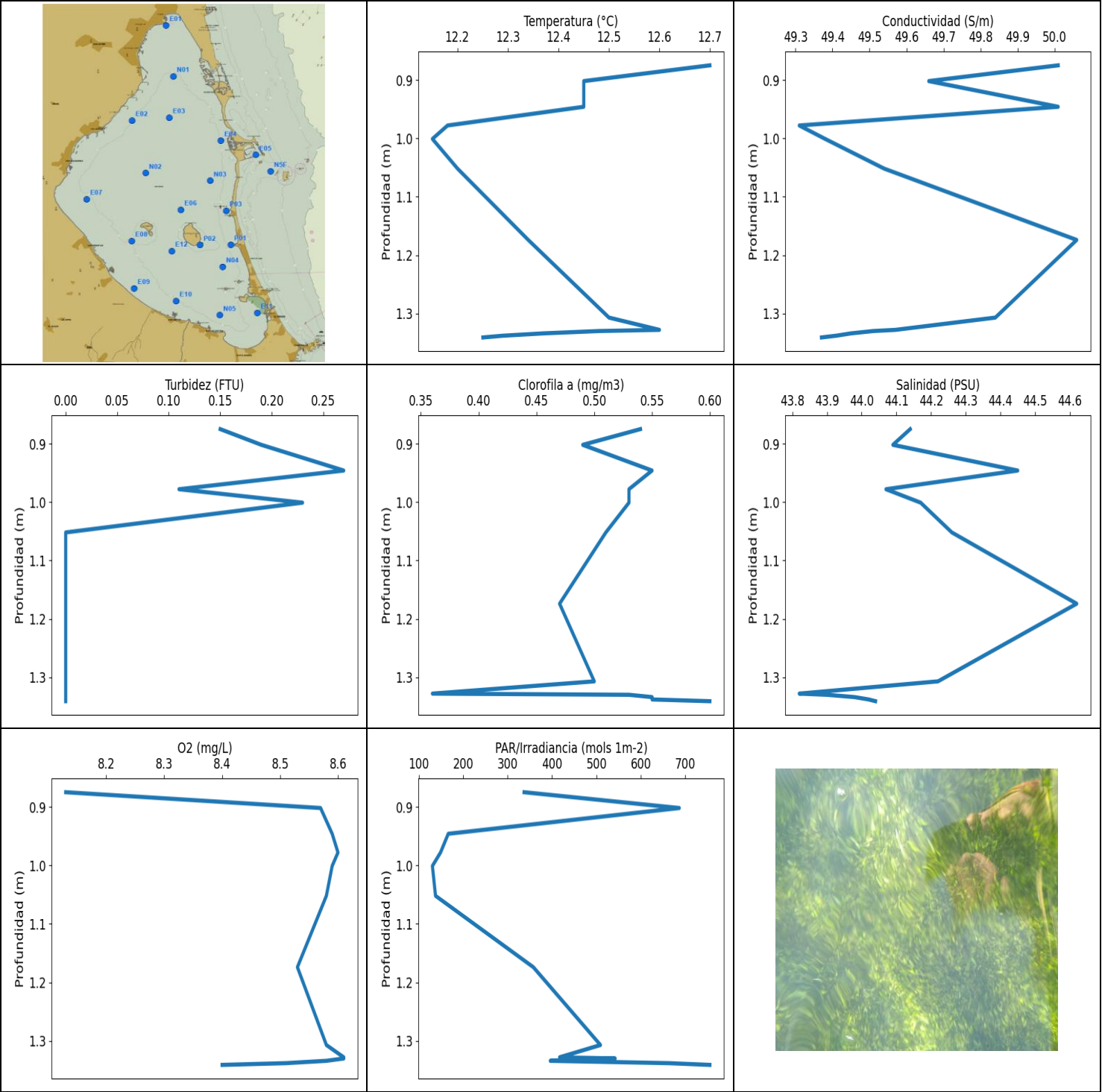
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	13.03	49.65	1.34	7.42	1003.0	0.69	43.41
0.725	12.94	49.63	1.68	7.44	753.49	0.71	43.49
0.738	12.85	49.6	1.18	7.46	792.72	0.72	43.56
0.748	12.77	49.54	0.19	7.49	1030.3	0.74	43.6
0.756	12.71	49.55	0.11	7.51	760.86	0.71	43.68
0.766	12.67	49.6	1.49	7.51	1004.8	0.72	43.77
0.777	12.68	49.62	0.92	7.52	679.02	0.7	43.78
0.785	12.72	49.62	1.79	7.53	810.94	0.72	43.74
0.794	12.78	49.68	1.83	7.53	865.91	0.72	43.73
0.803	12.84	49.78	0.88	7.53	634.29	0.74	43.75
0.806	12.93	49.46	0.15	7.56	639.9	0.72	43.34
0.813	12.95	49.73	0.0	7.56	553.48	0.75	43.57
0.833	12.98	49.98	1.45	7.56	1079.9	0.73	43.79
0.852	13.01	49.93	1.37	7.58	559.54	0.77	43.71
0.878	13.02	49.95	1.37	7.6	591.96	0.74	43.72
0.891	13.03	49.63	0.0	7.65	717.03	0.76	43.38
0.905	12.97	49.69	0.0	7.65	454.93	0.85	43.51
0.918	12.94	49.57	0.0	7.69	1696.6	0.83	43.43
0.919	12.9	49.37	0.0	7.81	362.58	0.77	43.28
0.92	12.85	49.38	0.0	7.92	1012.6	0.87	43.35
0.925	12.68	49.26	0.0	8.41	317.26	0.79	43.42
0.936	12.67	49.38	0.0	8.56	549.26	0.79	43.55
0.968	12.66	49.62	0.0	8.68	331.24	0.79	43.8
0.99	12.67	49.39	0.0	8.79	1498.8	0.73	43.56
0.995	12.69	49.33	0.0	8.85	316.67	0.74	43.49
1.002	12.66	49.29	0.0	8.87	1309.9	0.78	43.47
1.008	12.58	49.25	0.0	8.81	325.76	0.78	43.53
1.014	12.53	49.28	0.0	8.77	1100.2	0.72	43.62
1.025	12.49	49.3	0.0	8.73	790.71	0.76	43.68
1.037	12.48	49.27	0.0	8.69	241.23	0.8	43.67
1.049	12.48	49.21	0.27	8.67	665.77	0.81	43.6
1.058	12.47	49.18	0.0	8.66	340.58	0.75	43.59
1.063	12.46	49.18	0.0	8.64	378.55	0.79	43.61
1.066	12.42	49.18	0.0	8.63	447.5	0.81	43.64
1.077	12.36	49.18	0.0	8.63	314.63	0.79	43.72

1.088	12.31	49.15	0.0	8.63	772.41	0.82	43.75
1.095	12.28	49.12	0.0	8.63	626.98	0.81	43.75
1.096	12.27	49.12	0.0	8.63	1082.7	0.72	43.76
1.103	12.27	49.12	0.0	8.64	735.03	0.74	43.76
1.116	12.28	49.15	0.0	8.64	622.06	0.72	43.78
1.133	12.29	49.16	0.0	8.65	686.93	0.76	43.78
1.134	12.29	49.07	0.76	8.68	931.06	0.8	43.7
1.136	12.29	49.12	1.34	8.67	671.66	0.79	43.74
1.139	12.29	49.14	0.0	8.65	341.85	0.74	43.76
1.143	12.3	50.11	0.38	8.62	580.28	0.79	44.72
1.145	12.81	50.39	0.57	8.61	915.02	0.81	44.4
1.146	12.96	50.25	0.3	8.59	468.84	0.82	44.09
1.157	13.04	50.06	0.57	8.08	1152.6	0.74	43.8
1.161	13.04	50.06	0.46	7.9	524.14	0.79	43.8
1.168	13.04	50.06	0.84	7.73	567.64	0.77	43.8
1.174	13.04	50.04	1.41	7.56	514.63	0.78	43.78
1.181	13.04	49.92	0.5	7.06	431.31	0.79	43.65
1.188	13.05	49.84	0.0	6.98	800.48	0.79	43.57
1.197	13.05	49.85	0.0	6.89	270.81	0.76	43.58
1.209	13.05	49.87	0.23	6.82	427.63	0.72	43.6
1.226	13.05	49.91	0.0	6.75	476.07	0.79	43.64
1.23	13.04	49.9	0.0	6.54	699.14	0.77	43.65
1.232	13.04	49.85	0.57	6.5	367.4	0.74	43.59
1.244	13.04	49.83	0.46	6.46	392.49	0.77	43.58
1.266	13.03	49.88	0.84	6.42	1143.0	0.79	43.63
1.285	13.04	49.76	0.84	6.39	500.98	0.78	43.5
1.287	13.05	49.85	0.0	6.29	360.73	0.74	43.59
1.296	13.04	49.81	0.95	6.26	803.45	0.76	43.54
1.313	13.04	49.76	1.98	6.24	305.93	0.79	43.51
1.336	13.03	49.72	1.56	6.22	633.56	0.76	43.47
1.34	13.03	49.71	0.5	6.03	352.38	0.76	43.46
1.341	13.04	49.77	0.61	6.01	1465.4	0.77	43.51
1.351	13.05	49.84	0.61	5.98	504.12	0.76	43.57
1.361	13.06	49.72	0.8	5.98	340.42	0.77	43.45
1.368	13.06	49.73	1.18	5.95	646.61	0.79	43.46
1.393	12.96	49.84	0.84	6.0	417.06	0.82	43.67
1.402	12.94	49.84	1.03	6.04	494.75	0.81	43.7
1.419	12.93	49.72	0.46	6.08	318.59	0.78	43.59
1.431	12.92	49.71	0.42	6.13	474.64	0.77	43.59
1.437	12.91	49.8	0.53	6.16	496.47	0.82	43.69
1.445	12.91	49.87	0.69	6.19	561.23	0.74	43.77
1.454	12.91	49.75	0.57	6.21	556.18	0.78	43.64
1.457	12.91	49.75	1.18	6.24	590.31	0.82	43.64
1.513	12.93	49.75	0.99	6.29	439.59	0.79	43.62
1.533	12.95	49.77	1.79	6.31	645.56	0.76	43.62
1.546	12.96	49.86	0.88	6.34	334.01	0.78	43.69
1.552	12.97	49.76	1.26	6.38	265.1	0.74	43.59
1.555	12.97	49.79	1.11	6.4	525.6	0.74	43.61
1.559	12.99	49.8	0.65	6.4	572.13	0.77	43.6
1.562	12.99	49.81	1.26	6.39	436.14	0.79	43.61
1.565	12.99	49.76	0.69	6.37	574.26	0.76	43.56
1.568	12.98	49.86	0.5	6.34	346.23	0.78	43.66
1.58	12.98	49.87	0.61	6.31	506.58	0.77	43.68
1.599	13.01	49.96	0.8	6.25	313.97	0.75	43.73
1.606	13.02	50.01	0.69	6.25	473.54	0.77	43.77
1.641	13.04	50.01	0.61	6.26	359.65	0.85	43.75
1.695	13.06	49.9	0.57	6.3	312.3	0.82	43.63
1.738	13.06	49.78	0.72	6.33	572.79	0.82	43.5

1.763	13.06	49.94	0.65	6.36	322.53	0.81	43.65
1.773	13.05	49.93	0.57	6.38	322.53	0.76	43.66
1.78	13.03	49.95	0.84	6.39	506.58	0.79	43.69
1.793	13.07	49.94	0.57	6.27	308.13	0.81	43.64
1.797	13.06	49.98	0.69	6.24	450.21	0.87	43.69
1.825	13.06	50.08	0.72	6.21	376.36	0.79	43.79
1.842	13.04	49.88	0.5	6.25	377.85	0.82	43.62
1.845	12.94	50.07	0.57	6.54	330.63	0.82	43.92
1.861	12.95	49.88	0.5	6.61	418.51	0.81	43.72
1.871	12.92	50.07	0.61	6.74	254.68	0.84	43.94
1.879	12.91	49.91	0.65	6.78	283.4	0.84	43.8
1.891	12.92	49.85	0.53	6.79	982.73	0.83	43.73
1.893	12.89	49.99	1.34	6.77	772.05	0.82	43.9
1.899	12.9	49.95	0.84	6.73	617.61	0.84	43.86
1.915	12.9	49.98	0.99	6.7	546.09	0.87	43.88
1.948	12.91	50.01	0.84	6.66	499.82	0.85	43.89
1.967	12.94	50.07	0.61	6.59	498.78	0.85	43.92
1.97	12.96	50.04	0.53	6.57	550.92	0.84	43.86
1.984	12.99	49.89	1.07	6.57	534.81	0.87	43.7
1.992	12.97	50.09	0.69	6.59	509.17	0.89	43.91
2.003	12.97	50.04	0.57	6.59	289.04	0.87	43.85
2.022	12.98	49.94	0.61	6.6	330.09	0.84	43.75
2.035	13.0	50.08	0.8	6.54	643.92	0.89	43.86
2.043	13.01	49.97	0.88	6.51	396.23	0.89	43.75
2.053	13.01	49.97	0.99	6.49	333.7	0.83	43.74
2.082	13.03	50.09	1.11	6.47	198.74	0.83	43.85
2.088	12.99	50.17	0.95	6.49	515.7	0.88	43.97
2.104	12.97	50.09	0.92	6.51	295.68	0.92	43.91
2.128	12.93	49.99	0.65	6.75	477.07	0.86	43.86
2.157	12.96	49.95	0.72	6.79	531.48	0.85	43.78
2.168	12.93	50.03	0.65	6.94	379.25	0.94	43.89
2.171	12.94	49.98	0.57	6.96	747.58	0.86	43.83
2.197	12.95	50.06	0.72	6.96	542.18	0.88	43.91
2.232	12.94	49.96	0.8	6.97	426.84	0.91	43.82
2.251	12.93	49.96	0.92	6.95	351.81	0.94	43.83
2.259	12.92	50.12	1.49	6.92	501.91	0.89	44.0
2.275	12.92	50.15	1.22	6.87	487.23	0.95	44.02
2.291	12.95	49.93	1.41	6.82	501.32	0.92	43.77
2.294	12.97	49.99	1.11	6.76	369.02	0.91	43.81
2.3	12.93	50.17	0.95	6.7	279.74	0.89	44.04
2.313	12.9	50.05	0.53	6.84	271.44	0.86	43.95
2.315	12.91	50.08	0.61	6.94	426.05	0.89	43.97
2.329	12.91	50.02	0.61	7.04	481.73	0.85	43.9
2.355	12.92	50.04	0.76	7.11	399.18	0.92	43.92
2.368	12.95	50.02	0.99	7.0	681.23	0.91	43.87
2.37	12.96	50.15	1.22	6.91	583.65	0.9	43.98
2.394	12.96	50.1	0.8	6.85	314.55	0.9	43.93
2.405	12.97	50.1	0.65	6.86	429.42	0.94	43.92
2.414	12.97	50.09	0.88	6.9	498.08	0.95	43.91
2.432	13.0	50.12	0.53	6.8	421.92	0.87	43.9
2.46	13.01	50.04	0.61	6.74	453.77	0.89	43.82
2.478	12.98	50.16	1.41	6.59	561.23	0.92	43.96
2.494	13.0	50.03	1.37	6.59	341.53	0.95	43.82
2.497	12.95	50.24	0.76	6.41	307.56	0.86	44.08
2.519	12.98	50.09	0.88	6.39	374.36	0.91	43.9
2.543	12.94	50.18	0.65	6.39	389.13	0.83	44.03
2.579	12.96	50.18	0.84	6.42	525.96	0.85	44.01
2.623	12.99	50.05	1.14	6.48	353.53	0.85	43.85

2.643	13.0	50.13	0.72	6.55	325.61	0.9	43.92
2.653	12.96	50.23	0.53	6.63	381.28	0.91	44.06
2.674	12.97	50.15	0.8	6.71	357.32	0.95	43.97
2.703	13.0	50.11	0.65	6.78	398.07	0.93	43.89
2.733	13.03	50.15	0.76	6.84	502.49	0.93	43.9
2.756	13.02	50.18	0.88	6.89	364.26	0.92	43.94
2.763	13.02	50.19	0.57	6.96	387.6	0.94	43.95
2.778	13.01	50.24	0.53	6.97	380.57	0.87	44.02
2.802	13.02	50.12	0.69	6.97	337.52	0.88	43.88
2.829	13.03	50.14	0.72	6.96	304.16	0.92	43.89
2.841	12.99	50.19	0.57	6.93	302.05	0.89	43.98
2.848	13.0	50.17	0.61	6.95	314.99	0.87	43.96
2.877	13.0	50.26	0.72	6.96	354.51	0.91	44.04
2.933	13.02	50.21	0.76	6.97	387.69	0.92	43.96
2.974	13.02	50.32	0.53	6.93	303.95	1.06	44.08
2.982	13.03	50.28	0.8	6.9	246.83	0.96	44.03
3.028	13.06	50.15	0.99	6.87	301.84	0.96	43.86
3.083	13.04	50.21	0.69	6.8	390.22	0.95	43.95
3.089	13.05	50.28	0.69	6.79	476.73	0.92	44.01
3.119	13.07	50.3	0.95	6.79	408.54	0.95	44.0
3.175	13.09	50.2	1.34	6.8	261.14	0.96	43.88
3.227	13.1	50.17	1.14	6.82	229.4	0.9	43.84
3.257	13.08	50.21	0.95	6.84	297.53	1.01	43.9
3.268	13.06	50.27	0.69	6.86	338.61	0.95	43.99
3.277	13.05	50.3	0.57	6.87	375.05	0.92	44.03
3.29	13.06	50.24	0.61	6.87	322.53	0.97	43.95
3.317	13.07	50.28	0.61	6.86	287.43	1.07	43.99
3.353	13.08	50.28	0.69	6.84	343.43	1.08	43.98
3.39	13.09	50.22	0.65	6.83	275.94	1.01	43.9
3.43	13.1	50.32	0.69	6.79	357.98	1.01	43.98
3.454	13.09	50.35	0.76	6.63	365.36	1.02	44.03
3.459	13.1	50.24	0.88	6.6	314.33	1.02	43.91
3.478	13.1	50.27	1.3	6.6	266.58	1.01	43.93
3.486	13.05	50.35	1.18	6.91	332.78	1.01	44.08
3.501	13.05	50.24	0.95	6.98	291.86	1.04	43.96
3.514	13.04	50.26	1.72	7.12	280.39	1.01	44.0
3.569	13.05	50.29	1.45	7.18	272.83	1.04	44.01
3.618	13.05	50.39	1.91	7.18	291.73	1.02	44.11
3.657	13.07	50.25	1.07	7.17	319.92	1.01	43.96
3.666	13.07	50.28	0.61	7.15	256.69	0.98	43.98
3.677	13.05	50.37	0.8	7.12	278.06	1.05	44.1
3.704	13.05	50.3	0.84	7.11	288.64	1.09	44.01
3.713	13.05	50.36	0.65	7.26	348.08	1.11	44.09
3.73	13.05	50.38	1.26	7.34	335.02	1.16	44.1
3.791	13.08	50.31	0.84	7.41	280.78	1.14	44.01
3.812	13.05	50.38	0.72	7.36	371.85	1.07	44.1
3.842	13.07	50.31	0.69	7.27	294.72	1.01	44.01
3.904	13.09	50.31	0.76	7.2	240.01	1.03	43.99
3.938	13.05	50.45	0.57	6.9	243.43	1.08	44.18
3.992	13.09	50.34	0.72	6.87	251.28	1.08	44.01
4.063	13.05	50.41	0.61	7.06	287.63	1.21	44.14
4.067	13.06	50.39	0.57	7.16	253.09	1.24	44.1
4.11	13.08	50.35	0.84	7.27	273.14	1.26	44.03
4.173	13.1	50.34	0.84	7.35	278.13	1.27	44.01
4.205	13.09	50.37	0.69	7.27	249.88	1.24	44.05
4.213	13.1	50.35	0.57	7.18	270.37	1.28	44.02
4.231	13.1	50.36	0.69	7.08	295.75	1.21	44.03
4.26	13.11	50.39	0.65	6.98	275.94	1.21	44.05

4.289	13.11	50.36	0.69	6.89	240.34	1.17	44.01
4.318	13.12	50.36	0.8	6.8	211.23	1.29	44.0
4.352	13.11	50.4	0.72	6.73	235.54	1.3	44.05
4.373	13.1	50.35	0.69	6.66	250.99	1.22	44.01
4.385	13.1	50.38	0.61	6.59	269.06	1.2	44.04
4.403	13.09	50.42	1.03	6.53	264.06	1.21	44.1
4.44	13.09	50.39	0.76	6.49	217.39	1.21	44.07
4.483	13.1	50.37	0.8	6.45	210.79	1.21	44.03
4.519	13.11	50.39	0.65	6.42	228.39	1.24	44.04
4.535	13.12	50.36	0.72	6.4	256.4	1.27	44.0
4.549	13.12	50.41	0.8	6.38	274.6	1.3	44.05
4.585	13.12	50.45	0.76	6.4	238.79	1.32	44.09
4.641	13.13	50.41	0.53	6.4	227.13	1.35	44.03
4.695	13.15	50.39	0.72	6.41	235.65	1.4	44.0
4.726	13.15	50.44	0.69	6.43	220.85	1.37	44.04
4.746	13.15	50.48	0.57	6.44	194.23	1.31	44.08
4.785	13.16	50.54	1.6	6.45	192.04	1.28	44.14
4.845	13.18	50.46	1.53	6.47	195.32	1.36	44.02
4.887	13.25	50.59	0.61	6.47	186.56	1.36	44.07
4.894	13.28	50.68	0.57	6.48	216.19	1.3	44.13
4.938	13.3	50.7	0.69	6.49	226.81	1.28	44.13
5.002	13.33	50.72	0.61	6.53	213.89	1.27	44.12
5.057	13.35	50.74	0.95	6.58	207.16	1.34	44.1
5.094	13.37	50.78	0.57	6.65	197.64	1.31	44.12
5.121	13.39	50.87	0.57	6.71	202.79	1.3	44.18
5.163	13.42	51.0	0.72	6.77	198.14	1.36	44.28
5.233	13.46	51.06	0.65	6.83	196.45	1.37	44.3
5.323	13.49	51.2	0.69	6.89	196.54	1.36	44.39
5.416	13.53	51.27	0.61	6.94	175.52	1.27	44.41
5.485	13.57	51.32	0.57	7.0	169.33	1.27	44.42
5.51	13.61	51.34	0.53	7.04	175.0	1.17	44.4
5.516	13.63	51.48	0.42	7.06	188.77	1.11	44.51
5.536	13.66	51.52	0.46	7.09	189.26	1.23	44.51
5.566	13.68	51.54	0.61	7.14	184.92	1.16	44.5
5.603	13.7	51.56	0.76	7.19	175.52	1.17	44.51
5.636	13.71	51.57	0.72	7.24	153.87	1.16	44.5
5.644	13.74	51.64	0.5	7.48	183.3	1.18	44.54
5.645	13.75	51.66	0.61	7.6	199.57	1.22	44.54
5.68	13.75	51.66	1.6	7.71	180.93	1.25	44.54
5.735	13.75	51.65	0.88	7.82	166.26	1.12	44.53
5.793	13.75	51.67	1.07	7.92	164.34	1.11	44.55
5.831	13.76	51.68	0.76	7.99	174.47	1.03	44.55
5.845	13.76	51.69	0.69	8.05	180.06	1.03	44.56
5.867	13.76	51.7	0.57	8.07	174.75	1.11	44.57
5.897	13.77	51.71	0.76	8.06	163.43	1.03	44.57
5.924	13.77	51.71	0.72	8.03	165.72	1.03	44.57
5.957	13.77	51.72	0.76	7.99	164.23	1.02	44.57
6.0	13.77	51.72	0.69	7.94	159.32	1.02	44.57
6.051	13.77	51.73	0.95	7.92	155.92	1.1	44.58
6.103	13.77	51.73	0.72	7.9	160.61	1.12	44.58
6.153	13.78	51.74	0.5	7.88	151.78	1.15	44.58
6.213	13.78	51.74	0.65	7.87	148.24	1.16	44.59
6.267	13.78	51.74	0.65	7.87	151.92	1.23	44.59
6.3	13.78	51.75	0.57	7.87	154.95	1.26	44.59
6.325	13.78	51.75	0.57	7.87	152.06	1.24	44.59
6.346	13.78	51.76	0.57	7.86	146.63	1.21	44.6
6.353	13.78	51.76	1.41	7.84	148.2	1.29	44.6

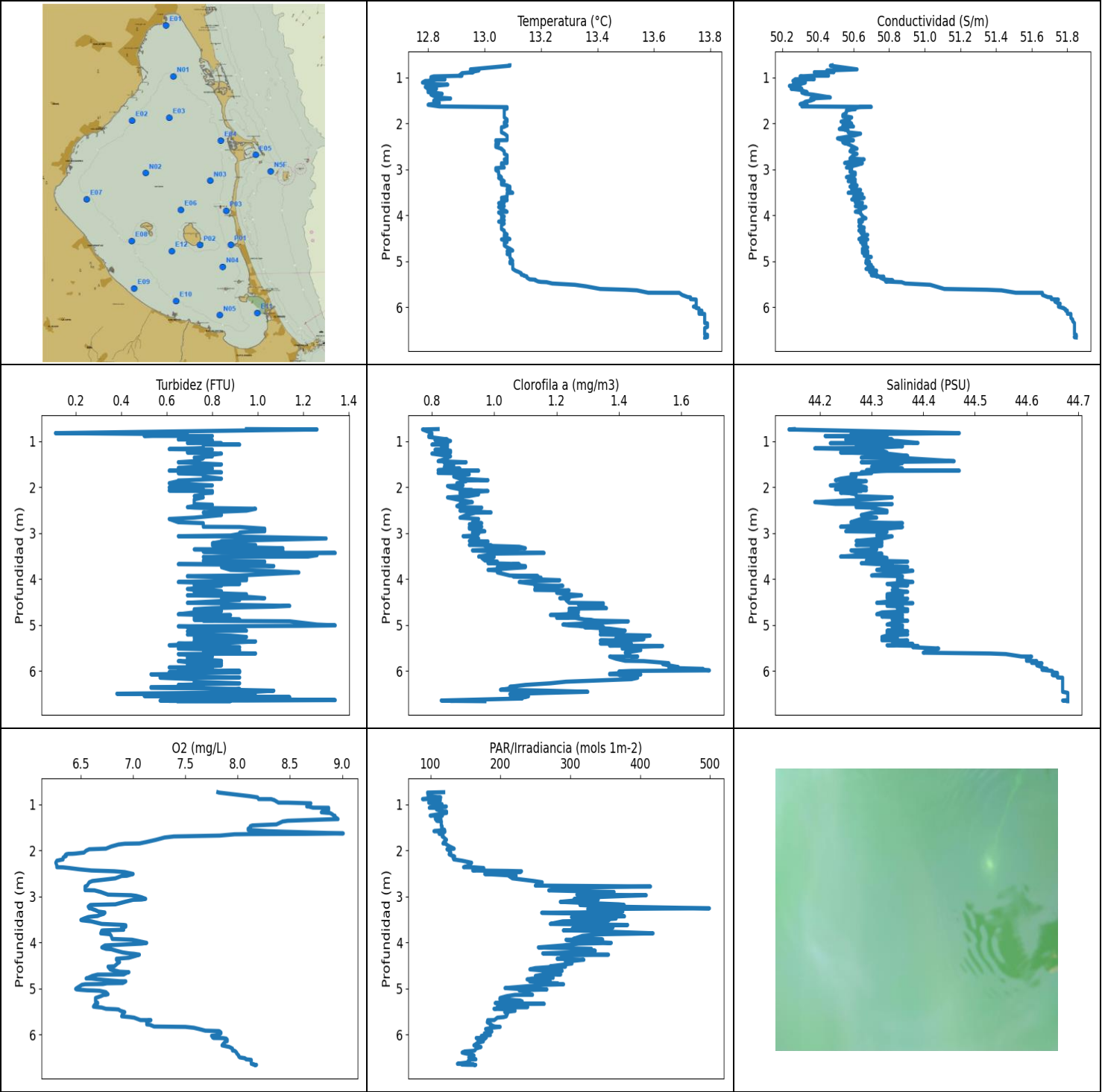


VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.15	49.31	0.0	8.13	130.22	0.36	43.82
PROF (metros)	1.001	0.978	1.052	0.875	1.001	1.328	1.328
MÁXIMO	12.7	12.7	0.27	8.61	756.29	0.6	44.62
PROF (metros)	0.875	1.174	0.946	1.328	1.341	1.341	1.174

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	12.45	49.75	0.18	8.47	334.71	0.53	44.19
1 - 2m	12.15	49.38	0.23	8.59	130.22	0.53	44.17

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.875	12.7	50.01	0.15	8.13	337.05	0.54	44.14
0.902	12.45	49.66	0.19	8.57	687.25	0.49	44.09
0.946	12.45	50.01	0.27	8.59	165.99	0.55	44.45
0.978	12.18	49.31	0.11	8.6	148.55	0.53	44.07
1.001	12.15	49.38	0.23	8.59	130.22	0.53	44.17
1.052	12.2	49.54	0.0	8.58	137.26	0.51	44.26
1.174	12.34	50.06	0.0	8.53	357.98	0.47	44.62
1.307	12.5	49.84	0.0	8.58	509.41	0.5	44.22
1.328	12.6	49.57	0.0	8.61	417.15	0.36	43.82
1.33	12.48	49.51	0.0	8.61	542.56	0.53	43.9
1.334	12.37	49.45	0.0	8.58	396.14	0.55	43.98
1.338	12.29	49.41	0.0	8.51	663.31	0.55	44.02
1.341	12.25	49.37	0.0	8.4	756.29	0.6	44.04



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.78	50.24	0.11	6.26	88.43	0.77	44.14
PROF (metros)	1.107	1.18	0.82	2.264	0.881	0.74	0.74
MÁXIMO	13.79	13.79	1.34	9.01	499.24	1.69	44.68
PROF (metros)	6.35	6.598	3.429	1.627	3.255	5.986	6.475

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	12.95	50.44	0.73	8.28	105.64	0.81	44.28
1 - 2m	12.91	50.41	0.74	8.2	115.65	0.86	44.3
2 - 3m	13.06	50.58	0.78	6.56	205.32	0.92	44.29
3 - 4m	13.07	50.61	0.92	6.77	338.7	1.01	44.32
4 - 5m	13.07	50.66	0.83	6.81	279.4	1.24	44.35
5 - 6m	13.36	51.1	0.8	6.97	208.26	1.44	44.45
6 - 7m	13.78	51.82	0.75	7.98	162.8	1.17	44.67

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.732	13.09	50.48	0.95	7.81	118.75	0.82	44.15
0.74	13.09	50.47	1.26	7.82	95.66	0.77	44.14
0.82	12.95	50.62	0.11	8.12	96.68	0.8	44.47
0.844	12.98	50.45	0.69	8.19	114.56	0.8	44.26
0.881	12.95	50.49	0.5	8.2	88.43	0.79	44.33
0.882	12.96	50.38	0.8	8.32	106.47	0.8	44.21
0.903	12.92	50.43	0.76	8.35	114.03	0.79	44.31
0.958	12.91	50.46	0.65	8.39	110.26	0.85	44.34
0.959	12.92	50.37	0.72	8.48	97.26	0.82	44.25
0.973	12.82	50.3	0.8	8.7	103.59	0.81	44.29
0.99	12.81	50.34	0.8	8.69	116.35	0.86	44.35
1.034	12.81	50.38	0.69	8.68	108.43	0.83	44.39
1.04	12.86	50.27	0.84	8.66	118.94	0.85	44.22
1.043	12.83	50.32	0.76	8.68	122.58	0.85	44.31
1.067	12.81	50.33	0.8	8.72	101.15	0.82	44.34
1.07	12.81	50.26	0.92	8.87	98.15	0.8	44.27
1.072	12.79	50.29	0.76	8.87	108.53	0.85	44.32
1.107	12.78	50.33	0.76	8.87	108.46	0.85	44.36
1.143	12.82	50.3	0.76	8.86	117.13	0.83	44.29
1.152	12.87	50.26	0.72	8.81	122.92	0.85	44.19
1.168	12.84	50.3	0.61	8.8	119.74	0.85	44.27
1.18	12.81	50.24	0.8	8.86	113.74	0.84	44.25
1.182	12.8	50.27	0.72	8.88	122.95	0.81	44.28
1.203	12.79	50.29	0.69	8.9	114.45	0.86	44.32
1.24	12.8	50.31	0.76	8.92	99.36	0.86	44.33
1.242	12.83	50.25	0.69	8.93	116.92	0.86	44.24
1.266	12.8	50.3	0.84	8.93	107.04	0.8	44.33
1.316	12.8	50.34	0.76	8.96	106.86	0.85	44.37
1.325	12.82	50.31	0.8	8.82	114.98	0.86	44.31
1.352	12.85	50.33	0.72	8.48	108.53	0.85	44.28
1.368	12.81	50.37	0.76	8.43	115.54	0.85	44.37
1.431	12.83	50.47	0.72	8.37	115.25	0.82	44.46
1.454	12.88	50.36	0.65	8.14	115.17	0.91	44.28
1.471	12.84	50.38	0.72	8.12	116.54	0.84	44.36
1.501	12.82	50.36	0.84	8.12	115.73	0.85	44.35

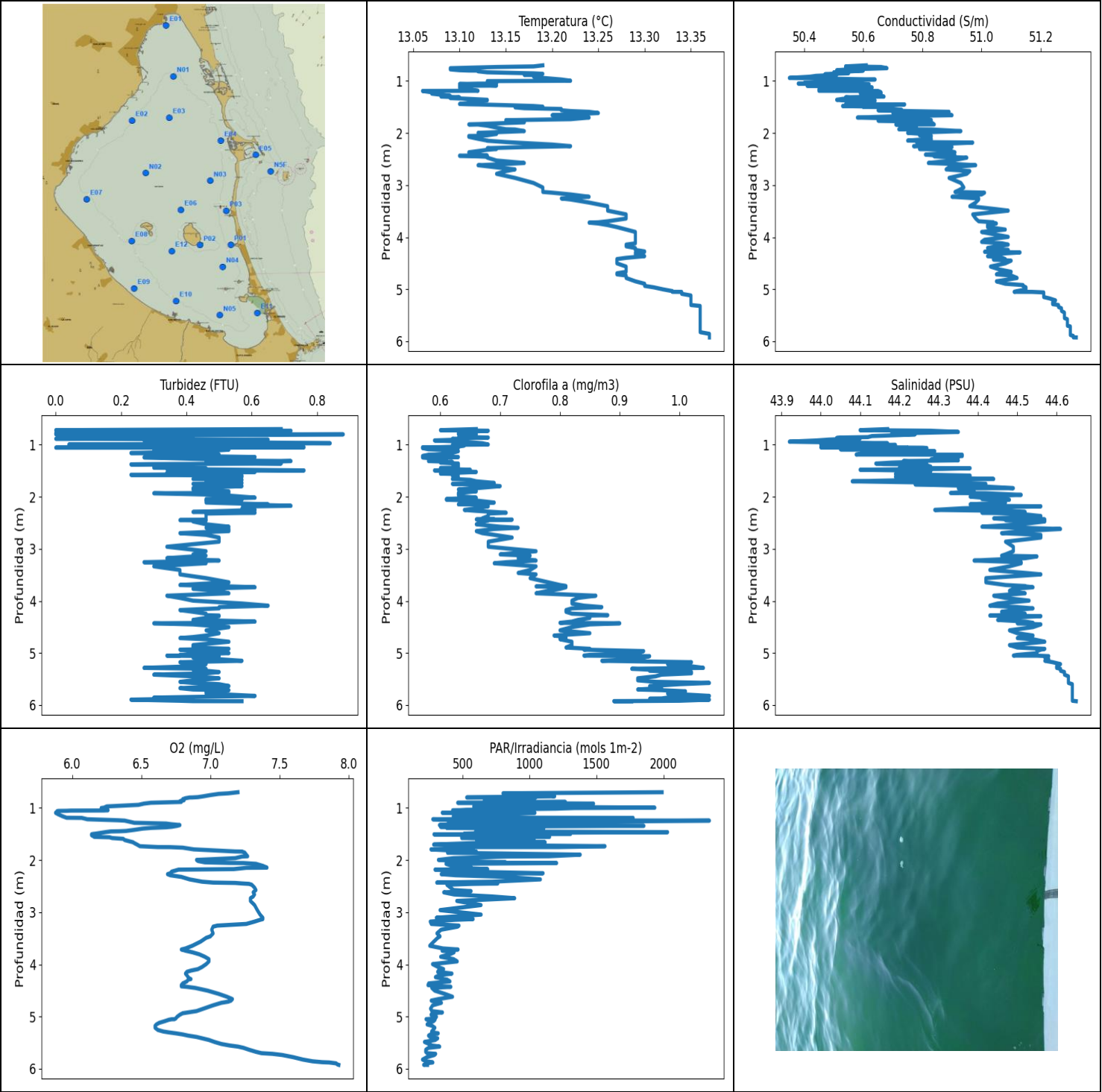
1.524	12.83	50.33	0.76	8.1	116.22	0.87	44.31
1.55	12.84	50.32	0.76	8.1	120.13	0.84	44.3
1.578	12.81	50.3	0.65	8.29	104.8	0.84	44.31
1.591	12.8	50.34	0.8	8.46	120.55	0.89	44.36
1.627	12.84	50.31	0.72	9.01	113.63	0.82	44.29
1.637	13.01	50.7	0.61	8.65	112.24	0.95	44.47
1.642	13.08	50.64	0.76	8.11	115.49	0.87	44.33
1.646	13.08	50.63	0.69	7.97	117.79	0.85	44.32
1.674	13.08	50.59	0.84	7.83	117.57	0.89	44.28
1.688	13.07	50.61	0.69	7.49	116.89	0.82	44.3
1.693	13.07	50.59	0.65	7.39	116.57	0.87	44.3
1.716	13.07	50.56	0.76	7.3	119.02	0.92	44.26
1.765	13.07	50.56	0.76	7.22	122.81	0.87	44.27
1.812	13.07	50.54	0.84	7.13	119.05	0.89	44.24
1.845	13.07	50.54	0.69	7.06	117.68	0.98	44.23
1.851	13.07	50.57	0.65	6.92	122.13	0.91	44.27
1.867	13.07	50.59	0.65	6.86	122.52	0.91	44.29
1.911	13.08	50.57	0.61	6.79	127.45	0.88	44.26
1.958	13.08	50.53	0.8	6.74	133.8	0.9	44.22
1.971	13.07	50.58	0.76	6.58	123.38	0.85	44.28
2.002	13.07	50.59	0.61	6.55	126.97	0.86	44.29
2.043	13.08	50.54	0.76	6.53	128.93	0.89	44.23
2.064	13.07	50.6	0.76	6.45	127.68	0.93	44.29
2.069	13.07	50.55	0.61	6.42	128.48	0.89	44.24
2.071	13.07	50.57	0.65	6.38	126.8	0.95	44.27
2.08	13.06	50.56	0.8	6.36	126.5	0.98	44.28
2.1	13.06	50.53	0.8	6.35	128.87	0.94	44.25
2.118	13.06	50.52	0.8	6.36	132.81	0.93	44.24
2.129	13.06	50.55	0.76	6.35	134.55	0.89	44.26
2.135	13.06	50.55	0.76	6.34	133.15	0.92	44.26
2.152	13.06	50.57	0.76	6.33	132.11	0.95	44.27
2.191	13.06	50.57	0.72	6.33	133.09	0.92	44.27
2.22	13.07	50.64	0.76	6.27	145.31	0.85	44.34
2.264	13.08	50.6	0.72	6.26	158.8	0.88	44.29
2.323	13.08	50.51	0.72	6.27	155.13	0.93	44.19
2.361	13.08	50.54	0.72	6.27	147.18	0.89	44.23
2.364	13.04	50.6	0.72	6.33	162.64	0.89	44.34
2.379	13.04	50.57	0.8	6.39	176.18	0.89	44.3
2.408	13.05	50.54	0.72	6.49	169.09	0.88	44.27
2.432	13.05	50.55	0.69	6.6	160.32	0.89	44.27
2.442	13.05	50.57	0.72	6.72	210.35	0.96	44.3
2.449	13.04	50.57	0.76	6.82	230.2	0.95	44.3
2.467	13.04	50.58	0.99	6.92	228.76	0.93	44.31
2.508	13.04	50.6	0.95	7.0	177.49	0.89	44.33
2.547	13.06	50.62	0.76	6.94	222.49	0.99	44.33
2.552	13.06	50.59	0.76	6.89	212.26	0.94	44.3
2.603	13.07	50.58	0.84	6.83	217.09	0.91	44.28
2.661	13.07	50.62	0.72	6.61	247.64	0.89	44.31
2.689	13.08	50.6	0.61	6.58	259.87	0.95	44.28
2.76	13.08	50.58	0.65	6.56	249.94	0.93	44.26
2.78	13.07	50.66	0.76	6.54	414.94	0.96	44.36
2.803	13.08	50.61	0.76	6.54	292.88	0.92	44.3
2.859	13.08	50.55	0.76	6.54	271.5	0.96	44.24
2.864	13.06	50.65	0.92	6.63	269.19	0.92	44.36
2.9	13.06	50.62	1.03	6.69	362.74	0.92	44.33
2.957	13.07	50.56	1.03	6.76	309.42	0.97	44.25
2.97	13.04	50.59	0.95	6.98	408.83	0.95	44.33
2.984	13.04	50.58	0.92	7.03	381.81	0.93	44.32

3.014	13.04	50.59	0.92	7.08	331.32	0.95	44.32
3.049	13.05	50.58	0.88	7.12	305.64	0.94	44.31
3.064	13.05	50.6	0.65	7.08	340.03	0.9	44.33
3.069	13.05	50.61	0.88	7.0	317.92	0.94	44.34
3.114	13.05	50.61	1.3	6.92	285.71	0.95	44.32
3.168	13.06	50.56	0.84	6.83	369.1	0.92	44.27
3.179	13.05	50.58	0.84	6.62	377.06	0.98	44.3
3.183	13.05	50.6	0.84	6.59	313.9	0.97	44.32
3.218	13.06	50.61	0.8	6.57	363.84	0.94	44.32
3.255	13.07	50.57	0.99	6.58	499.24	0.92	44.27
3.259	13.06	50.59	0.8	6.6	433.22	0.99	44.3
3.271	13.06	50.61	0.92	6.61	325.0	0.97	44.32
3.294	13.06	50.59	0.84	6.64	366.21	1.08	44.3
3.326	13.06	50.59	1.11	6.67	375.23	1.1	44.3
3.345	13.08	50.62	0.92	6.73	313.1	1.01	44.31
3.351	13.08	50.62	0.72	6.73	259.03	1.0	44.31
3.373	13.09	50.58	1.11	6.72	329.86	0.93	44.26
3.402	13.09	50.6	0.76	6.68	363.25	1.01	44.27
3.422	13.09	50.61	0.84	6.66	376.45	1.08	44.29
3.429	13.08	50.59	1.34	6.62	377.67	1.16	44.28
3.445	13.08	50.64	0.99	6.57	301.7	0.99	44.32
3.477	13.09	50.61	1.26	6.53	365.61	0.98	44.28
3.508	13.1	50.57	1.22	6.5	340.66	0.95	44.24
3.515	13.08	50.63	0.76	6.51	355.34	1.0	44.32
3.538	13.08	50.65	0.8	6.6	289.1	0.96	44.33
3.594	13.08	50.6	0.76	6.7	271.32	0.97	44.29
3.616	13.06	50.66	1.03	6.91	382.16	1.01	44.37
3.623	13.07	50.63	1.03	6.93	360.56	1.01	44.33
3.652	13.08	50.59	0.84	6.93	307.63	0.98	44.28
3.671	13.08	50.62	0.84	6.91	323.8	1.08	44.31
3.673	13.06	50.63	0.65	6.89	361.15	1.06	44.34
3.69	13.06	50.62	0.99	6.89	303.03	1.06	44.32
3.715	13.07	50.61	1.07	6.9	302.26	1.1	44.32
3.72	13.07	50.65	0.88	6.91	338.22	1.05	44.35
3.734	13.05	50.65	0.84	6.72	290.04	1.01	44.37
3.739	13.06	50.63	0.84	6.7	313.39	1.1	44.34
3.798	13.07	50.61	0.88	6.69	418.61	0.98	44.31
3.818	13.05	50.67	1.03	6.78	345.83	1.02	44.38
3.854	13.06	50.65	1.18	6.79	317.34	1.01	44.35
3.92	13.08	50.61	0.92	6.8	304.37	1.05	44.3
3.933	13.05	50.63	0.69	6.93	346.39	1.14	44.35
3.938	13.05	50.64	0.69	6.99	293.83	1.06	44.36
3.966	13.06	50.64	0.95	7.05	308.92	1.15	44.35
4.006	13.06	50.65	0.95	7.13	358.73	1.15	44.36
4.022	13.07	50.65	0.95	7.08	312.23	1.21	44.35
4.062	13.06	50.67	0.65	6.73	289.31	1.08	44.38
4.104	13.07	50.63	0.92	6.7	254.27	1.13	44.33
4.135	13.05	50.65	0.72	6.74	330.4	1.13	44.37
4.144	13.06	50.63	0.84	6.79	323.57	1.22	44.34
4.177	13.07	50.64	0.76	6.84	335.8	1.16	44.35
4.213	13.06	50.64	0.69	6.9	300.93	1.13	44.35
4.234	13.06	50.63	0.72	6.96	260.53	1.13	44.34
4.244	13.06	50.64	0.8	7.01	278.97	1.24	44.35
4.262	13.06	50.66	0.84	7.06	354.76	1.21	44.36
4.276	13.06	50.66	0.72	7.04	287.23	1.21	44.37
4.296	13.06	50.64	0.76	7.01	295.61	1.2	44.35
4.329	13.07	50.63	0.95	6.96	299.4	1.24	44.33
4.351	13.07	50.66	0.69	6.84	281.17	1.28	44.36

4.372	13.07	50.64	0.92	6.84	319.48	1.25	44.33
4.413	13.08	50.65	1.03	6.86	292.88	1.21	44.33
4.423	13.07	50.68	0.84	6.87	295.88	1.24	44.37
4.454	13.07	50.66	0.92	6.85	302.47	1.23	44.36
4.515	13.09	50.63	0.69	6.82	271.38	1.24	44.31
4.522	13.06	50.68	0.8	6.76	293.22	1.32	44.38
4.525	13.07	50.66	0.84	6.76	276.46	1.35	44.36
4.554	13.07	50.64	0.84	6.77	249.88	1.27	44.33
4.581	13.08	50.64	1.14	6.78	242.13	1.35	44.33
4.598	13.07	50.67	1.07	6.8	255.03	1.33	44.36
4.614	13.07	50.66	0.92	6.84	288.44	1.3	44.36
4.632	13.07	50.65	0.8	6.87	277.93	1.36	44.35
4.642	13.07	50.67	0.76	6.96	261.44	1.24	44.36
4.655	13.07	50.67	0.72	6.94	268.31	1.27	44.37
4.693	13.08	50.66	0.84	6.91	286.37	1.27	44.35
4.695	13.08	50.68	0.72	6.66	259.63	1.24	44.37
4.724	13.09	50.65	0.72	6.61	250.0	1.27	44.32
4.764	13.1	50.65	0.65	6.57	275.56	1.23	44.31
4.779	13.08	50.68	0.76	6.55	248.96	1.18	44.36
4.781	13.08	50.68	0.88	6.6	245.64	1.18	44.36
4.799	13.09	50.65	0.76	6.67	238.12	1.27	44.33
4.815	13.09	50.65	0.84	6.74	248.84	1.21	44.32
4.828	13.09	50.68	0.76	6.81	271.06	1.24	44.35
4.839	13.08	50.67	0.72	6.87	258.31	1.2	44.35
4.841	13.08	50.68	0.76	6.93	241.85	1.26	44.36
4.856	13.09	50.67	0.76	6.92	266.83	1.27	44.35
4.878	13.09	50.66	0.92	6.9	267.07	1.29	44.34
4.884	13.09	50.67	0.72	6.75	282.28	1.31	44.34
4.9	13.09	50.68	0.8	6.71	273.27	1.32	44.35
4.905	13.09	50.7	0.76	6.54	290.45	1.34	44.37
4.917	13.09	50.68	1.14	6.51	263.08	1.43	44.35
4.988	13.1	50.67	1.26	6.46	206.54	1.22	44.33
5.006	13.09	50.69	1.34	6.45	224.98	1.24	44.36
5.017	13.09	50.68	1.18	6.46	266.58	1.27	44.36
5.026	13.09	50.67	0.65	6.5	248.5	1.28	44.35
5.036	13.09	50.68	0.76	6.56	226.76	1.35	44.35
5.04	13.09	50.67	0.8	6.62	229.14	1.34	44.34
5.047	13.1	50.68	0.69	6.68	234.4	1.29	44.35
5.077	13.1	50.7	0.88	6.74	236.36	1.37	44.36
5.121	13.1	50.68	0.95	6.76	243.09	1.42	44.33
5.134	13.1	50.71	0.69	6.74	245.98	1.41	44.37
5.135	13.1	50.69	0.76	6.72	220.9	1.34	44.36
5.164	13.1	50.67	0.8	6.69	208.8	1.4	44.33
5.204	13.11	50.73	0.69	6.64	199.39	1.34	44.37
5.228	13.12	50.69	0.88	6.64	199.11	1.5	44.33
5.258	13.13	50.7	0.95	6.64	228.24	1.47	44.32
5.277	13.13	50.73	0.72	6.64	231.22	1.43	44.35
5.29	13.13	50.73	0.88	6.65	229.88	1.39	44.35
5.303	13.14	50.7	0.84	6.66	201.34	1.48	44.32
5.314	13.14	50.72	0.84	6.65	192.44	1.47	44.33
5.327	13.15	50.74	0.92	6.66	202.93	1.44	44.34
5.33	13.15	50.73	0.92	6.65	262.77	1.36	44.32
5.333	13.15	50.77	0.72	6.64	230.52	1.34	44.37
5.355	13.15	50.75	0.99	6.63	206.25	1.43	44.34
5.391	13.16	50.77	0.84	6.62	195.59	1.43	44.36
5.4	13.18	50.79	0.65	6.65	239.06	1.34	44.36
5.411	13.18	50.82	0.72	6.7	203.54	1.44	44.38
5.438	13.19	50.78	0.61	6.74	190.75	1.42	44.33

5.447	13.2	50.83	0.76	6.83	206.01	1.37	44.37
5.453	13.22	50.87	0.8	6.86	218.0	1.54	44.39
5.482	13.24	50.89	0.92	6.88	221.0	1.44	44.38
5.51	13.32	51.03	0.65	6.92	206.11	1.41	44.43
5.544	13.36	51.06	0.92	6.9	210.16	1.47	44.41
5.601	13.41	51.11	0.76	6.89	208.56	1.42	44.4
5.618	13.5	51.35	0.99	6.97	204.77	1.43	44.53
5.631	13.54	51.43	0.65	7.01	195.63	1.43	44.56
5.683	13.58	51.51	0.76	7.07	191.24	1.44	44.59
5.684	13.67	51.61	0.69	7.17	187.12	1.46	44.6
5.685	13.69	51.66	0.8	7.15	181.82	1.37	44.61
5.731	13.7	51.66	0.69	7.13	181.14	1.39	44.6
5.777	13.72	51.69	0.84	7.13	186.6	1.42	44.6
5.784	13.73	51.71	0.65	7.16	185.78	1.48	44.62
5.823	13.73	51.71	0.72	7.2	191.68	1.55	44.61
5.831	13.75	51.75	0.84	7.5	199.67	1.56	44.63
5.85	13.75	51.74	0.69	7.58	187.42	1.54	44.62
5.877	13.75	51.73	0.84	7.63	178.73	1.56	44.62
5.913	13.75	51.75	0.76	7.69	183.09	1.59	44.63
5.922	13.75	51.76	0.61	7.82	186.08	1.57	44.63
5.932	13.75	51.75	0.8	7.83	187.77	1.56	44.63
5.953	13.75	51.75	0.76	7.84	181.99	1.67	44.64
5.971	13.75	51.75	0.72	7.84	176.95	1.66	44.63
5.986	13.74	51.75	0.65	7.83	179.93	1.69	44.64
5.997	13.75	51.76	0.92	7.82	185.39	1.44	44.65
6.009	13.75	51.77	0.8	7.8	185.69	1.4	44.65
6.017	13.75	51.78	0.8	7.78	177.78	1.42	44.65
6.023	13.76	51.78	0.61	7.75	174.67	1.4	44.65
6.027	13.76	51.78	0.92	7.75	172.58	1.43	44.65
6.041	13.76	51.79	0.69	7.76	174.75	1.42	44.66
6.06	13.76	51.79	0.72	7.76	179.89	1.37	44.65
6.072	13.76	51.79	0.53	7.77	178.77	1.37	44.66
6.073	13.77	51.8	0.69	7.83	165.3	1.42	44.66
6.075	13.77	51.8	0.57	7.86	173.34	1.47	44.66
6.085	13.77	51.8	0.57	7.89	178.15	1.4	44.65
6.107	13.76	51.8	0.57	7.9	174.75	1.46	44.66
6.141	13.76	51.8	0.92	7.9	167.77	1.43	44.66
6.145	13.78	51.82	0.57	7.89	175.65	1.46	44.67
6.177	13.78	51.82	0.72	7.87	167.61	1.44	44.67
6.232	13.78	51.82	0.72	7.85	162.0	1.23	44.67
6.267	13.78	51.83	0.92	7.92	172.22	1.18	44.67
6.302	13.78	51.83	0.65	7.95	165.11	1.1	44.67
6.343	13.78	51.84	0.76	7.95	163.35	1.05	44.67
6.35	13.79	51.84	0.53	7.97	161.62	1.07	44.67
6.365	13.79	51.84	0.53	7.98	148.68	1.06	44.67
6.389	13.79	51.84	0.92	7.99	145.14	1.04	44.67
6.408	13.79	51.84	0.88	7.99	150.35	1.02	44.67
6.428	13.79	51.84	1.07	8.0	157.52	1.17	44.67
6.452	13.78	51.84	0.99	8.01	162.19	1.3	44.67
6.475	13.78	51.84	0.76	8.01	158.8	1.17	44.68
6.494	13.78	51.84	0.38	8.02	154.73	1.08	44.68
6.504	13.78	51.84	0.69	8.05	155.85	1.05	44.68
6.512	13.78	51.84	0.8	8.07	160.95	1.09	44.68
6.536	13.78	51.84	0.99	8.08	164.88	1.06	44.68
6.542	13.78	51.84	0.5	8.11	156.1	1.08	44.68
6.548	13.78	51.84	0.76	8.13	156.39	1.11	44.68
6.568	13.78	51.84	1.14	8.13	153.91	1.1	44.68
6.591	13.78	51.84	0.69	8.13	154.02	1.05	44.68

6.598	13.79	51.85	0.69	8.13	155.88	1.09	44.68
6.633	13.79	51.85	1.34	8.13	138.41	0.88	44.68
6.642	13.79	51.84	0.95	8.15	161.4	0.83	44.67
6.643	13.79	51.85	0.57	8.15	158.29	0.85	44.68
6.646	13.79	51.84	0.61	8.15	147.28	0.89	44.68
6.65	13.79	51.84	0.61	8.16	144.91	0.86	44.68
6.654	13.78	51.84	0.88	8.16	152.56	0.93	44.68
6.656	13.78	51.85	0.65	8.18	164.65	0.95	44.68
6.657	13.78	51.85	0.65	8.17	163.89	0.97	44.68



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.06	50.35	0.0	5.88	201.06	0.57	43.92
PROF (metros)	1.193	0.943	0.722	1.094	5.824	1.051	0.943
MÁXIMO	13.37	13.37	0.88	7.93	2342.1	1.05	44.65
PROF (metros)	5.857	5.926	0.802	5.925	1.245	5.575	5.925

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	13.16	50.53	0.47	6.74	1000.17	0.65	44.12
1 - 2m	13.14	50.64	0.47	6.43	803.78	0.62	44.26
2 - 3m	13.14	50.86	0.5	7.12	581.59	0.67	44.48
3 - 4m	13.25	51.0	0.43	7.04	382.58	0.77	44.49
4 - 5m	13.29	51.07	0.47	6.91	324.65	0.83	44.51
5 - 6m	13.36	51.26	0.43	7.13	260.6	0.96	44.61

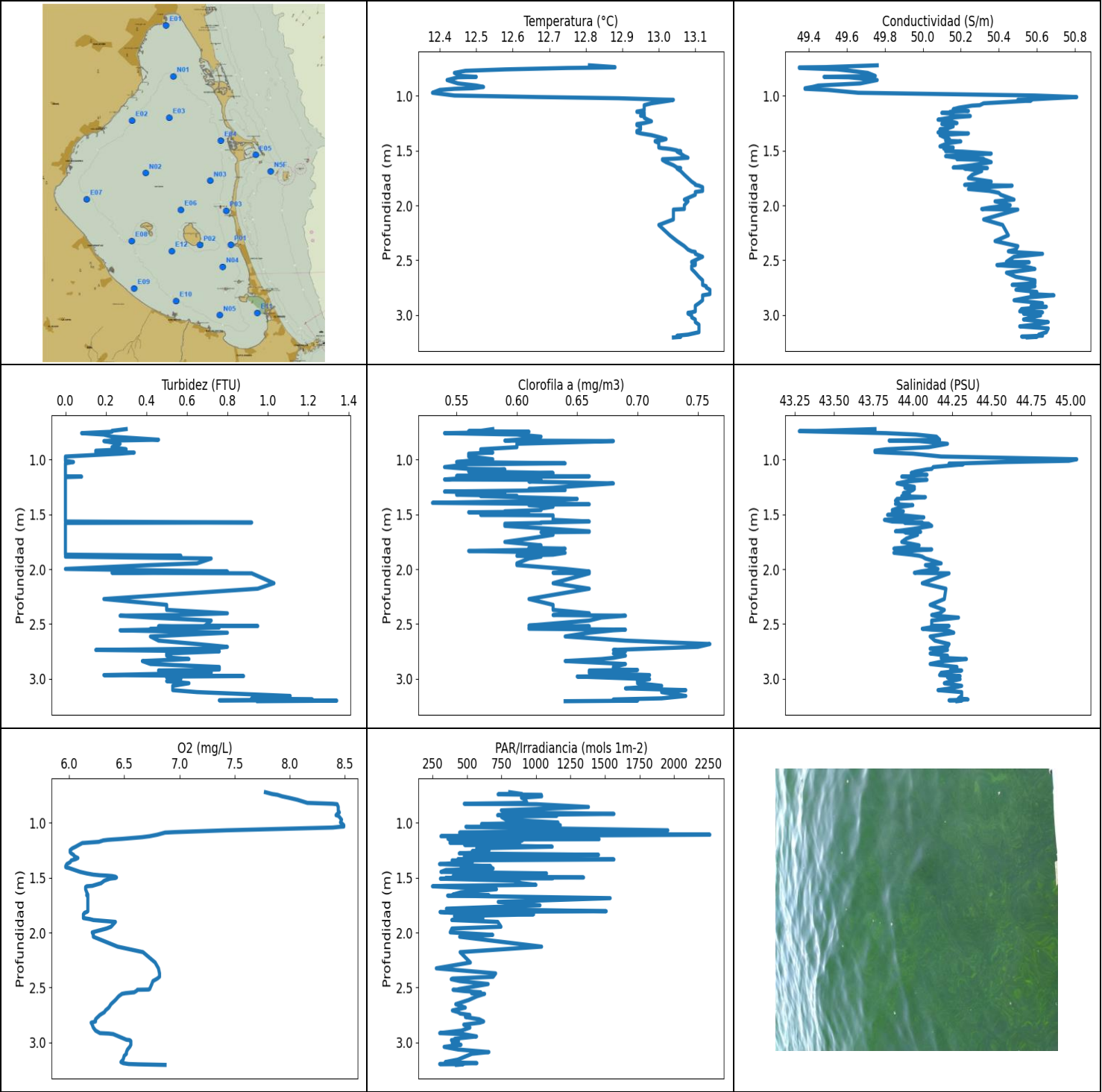
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	13.19	50.61	0.69	7.2	1989.0	0.66	44.17
0.722	13.18	50.54	0.0	7.13	801.41	0.6	44.1
0.733	13.14	50.66	0.72	7.06	997.18	0.68	44.28
0.756	13.09	50.68	0.46	7.0	1135.9	0.64	44.35
0.779	13.09	50.55	0.0	6.95	1187.3	0.63	44.22
0.795	13.1	50.51	0.57	6.91	788.33	0.63	44.18
0.801	13.11	50.54	0.0	6.87	530.62	0.63	44.19
0.802	13.12	50.6	0.88	6.85	1046.9	0.66	44.24
0.816	13.12	50.56	0.38	6.82	846.27	0.64	44.2
0.835	13.13	50.5	0.3	6.8	835.94	0.66	44.13
0.855	13.18	50.55	0.42	6.81	673.22	0.65	44.12
0.864	13.19	50.49	0.11	6.79	661.77	0.68	44.05
0.873	13.18	50.47	0.38	6.78	892.6	0.63	44.04
0.886	13.17	50.51	0.0	6.79	667.32	0.63	44.1
0.887	13.18	50.5	0.0	6.79	1267.8	0.62	44.07
0.903	13.18	50.44	0.65	6.57	463.55	0.63	44.02
0.919	13.18	50.42	0.27	6.52	1477.4	0.59	43.99
0.943	13.19	50.35	0.38	6.48	676.19	0.64	43.92
0.973	13.21	50.64	0.84	6.25	583.38	0.67	44.17
0.997	13.22	50.48	0.04	6.23	1934.9	0.68	44.0
1.004	13.13	50.56	0.38	6.21	1336.0	0.62	44.19
1.016	13.13	50.52	0.61	6.22	1195.1	0.64	44.14
1.038	13.14	50.4	0.23	6.24	525.6	0.63	44.01
1.045	13.13	50.53	0.5	6.26	481.96	0.61	44.15
1.048	13.14	50.45	0.19	6.25	425.65	0.6	44.07
1.051	13.14	50.38	0.76	6.23	578.8	0.57	44.0
1.053	13.12	50.58	0.65	5.99	636.2	0.58	44.22
1.057	13.11	50.57	0.0	5.96	960.88	0.6	44.22
1.059	13.1	50.6	0.53	5.9	524.14	0.63	44.26
1.065	13.11	50.62	0.5	5.89	513.56	0.57	44.27
1.09	13.14	50.43	0.42	5.89	838.46	0.58	44.05
1.094	13.1	50.41	0.3	5.88	348.41	0.59	44.08
1.096	13.11	50.53	0.53	5.88	1040.1	0.6	44.19
1.125	13.1	50.63	0.46	5.9	616.46	0.63	44.29
1.161	13.11	50.45	0.23	5.93	430.61	0.62	44.11
1.19	13.12	50.45	0.5	5.96	1054.2	0.59	44.09

1.193	13.06	50.65	0.38	6.07	1773.0	0.58	44.36
1.219	13.07	50.66	0.42	6.11	277.74	0.57	44.36
1.238	13.07	50.59	0.61	6.33	549.77	0.63	44.29
1.245	13.07	50.66	0.27	6.38	2342.1	0.57	44.35
1.287	13.09	50.61	0.5	6.45	393.58	0.61	44.28
1.301	13.08	50.67	0.46	6.68	994.64	0.6	44.35
1.315	13.1	50.54	0.72	6.72	399.74	0.58	44.21
1.33	13.09	50.57	0.65	6.78	327.19	0.62	44.24
1.345	13.11	50.53	0.46	6.76	1853.3	0.6	44.18
1.363	13.13	50.51	0.69	6.72	335.26	0.63	44.14
1.373	13.13	50.53	0.3	6.68	895.09	0.62	44.16
1.379	13.12	50.64	0.23	6.63	1076.2	0.63	44.27
1.385	13.12	50.6	0.42	6.57	381.54	0.63	44.24
1.398	13.11	50.62	0.3	6.51	1105.3	0.63	44.27
1.422	13.11	50.63	0.42	6.45	975.92	0.63	44.28
1.443	13.1	50.55	0.3	6.39	1074.4	0.63	44.2
1.449	13.11	50.54	0.42	6.34	906.99	0.6	44.2
1.452	13.12	50.74	0.46	6.28	597.47	0.63	44.38
1.466	13.15	50.7	0.34	6.24	2030.0	0.6	44.31
1.482	13.18	50.53	0.57	6.2	665.0	0.65	44.1
1.495	13.19	50.65	0.76	6.17	511.77	0.59	44.21
1.5	13.16	50.6	0.5	6.15	1110.9	0.61	44.19
1.501	13.16	50.65	0.61	6.15	1306.0	0.61	44.25
1.508	13.16	50.69	0.53	6.14	286.64	0.63	44.28
1.524	13.17	50.67	0.61	6.14	984.32	0.66	44.25
1.539	13.21	50.69	0.34	6.15	613.9	0.63	44.22
1.556	13.21	50.73	0.38	6.16	1149.4	0.6	44.26
1.564	13.21	50.65	0.53	6.27	493.14	0.63	44.19
1.579	13.22	50.75	0.23	6.29	494.06	0.62	44.28
1.594	13.24	50.89	0.57	6.37	1034.6	0.62	44.38
1.617	13.25	50.7	0.57	6.38	604.72	0.63	44.19
1.659	13.2	50.9	0.42	6.44	1116.3	0.62	44.44
1.676	13.22	50.73	0.57	6.45	576.66	0.65	44.25
1.704	13.24	50.58	0.46	6.47	284.25	0.66	44.08
1.735	13.22	50.81	0.57	6.49	1563.0	0.69	44.34
1.752	13.16	50.83	0.46	6.62	1215.2	0.66	44.42
1.753	13.15	50.76	0.42	6.71	499.7	0.62	44.37
1.763	13.17	50.65	0.5	6.8	584.05	0.66	44.24
1.796	13.17	50.83	0.57	6.88	264.06	0.7	44.4
1.836	13.11	50.84	0.42	7.18	538.05	0.66	44.49
1.838	13.12	50.71	0.5	7.23	603.04	0.65	44.35
1.86	13.13	50.76	0.42	7.25	387.87	0.63	44.38
1.897	13.14	50.78	0.53	7.26	1378.1	0.66	44.39
1.928	13.15	50.72	0.53	7.27	1143.8	0.63	44.33
1.933	13.16	50.83	0.3	7.23	838.07	0.63	44.42
1.964	13.17	50.93	0.5	7.18	433.42	0.63	44.51
1.998	13.12	50.75	0.57	6.9	319.7	0.64	44.38
2.018	13.14	50.8	0.61	6.91	461.3	0.66	44.41
2.044	13.13	50.79	0.46	6.96	821.91	0.61	44.41
2.056	13.12	50.83	0.46	7.14	413.98	0.65	44.46
2.058	13.11	50.83	0.57	7.24	1202.0	0.61	44.48
2.073	13.11	50.8	0.46	7.33	376.19	0.66	44.44
2.112	13.12	50.83	0.46	7.38	420.94	0.69	44.47
2.146	13.13	50.75	0.65	7.41	565.8	0.63	44.38
2.149	13.13	50.83	0.57	7.26	463.12	0.68	44.46
2.174	13.15	50.78	0.72	7.17	687.25	0.66	44.39
2.184	13.16	50.97	0.61	6.77	294.38	0.68	44.56
2.222	13.2	50.82	0.57	6.72	519.18	0.66	44.36

2.253	13.22	50.77	0.61	6.71	1100.9	0.64	44.29
2.271	13.17	50.9	0.53	6.69	340.74	0.66	44.47
2.292	13.13	50.89	0.42	6.71	449.17	0.69	44.52
2.307	13.14	50.79	0.61	6.75	635.91	0.71	44.41
2.323	13.13	50.88	0.46	6.79	819.82	0.68	44.5
2.371	13.11	50.91	0.46	6.85	1080.7	0.68	44.56
2.415	13.12	50.81	0.46	6.94	720.19	0.67	44.44
2.432	13.13	50.85	0.46	7.02	307.42	0.69	44.47
2.435	13.1	50.91	0.46	7.1	695.75	0.66	44.57
2.439	13.1	50.86	0.46	7.18	439.28	0.72	44.52
2.449	13.12	50.84	0.38	7.23	762.45	0.68	44.47
2.457	13.13	50.86	0.46	7.28	569.48	0.68	44.48
2.474	13.13	50.95	0.42	7.3	383.14	0.67	44.57
2.529	13.14	50.9	0.46	7.32	410.35	0.66	44.51
2.576	13.17	50.82	0.53	7.33	433.72	0.7	44.41
2.596	13.15	50.91	0.46	7.32	563.44	0.73	44.51
2.619	13.12	50.98	0.53	7.31	359.4	0.69	44.61
2.66	13.14	50.89	0.53	7.32	437.45	0.66	44.51
2.699	13.16	50.88	0.38	7.31	723.04	0.67	44.46
2.732	13.15	50.96	0.46	7.29	888.89	0.69	44.56
2.784	13.14	50.95	0.5	7.29	456.94	0.72	44.56
2.863	13.16	50.89	0.5	7.32	637.83	0.68	44.47
2.96	13.18	50.93	0.34	7.34	332.08	0.68	44.49
3.046	13.19	50.94	0.46	7.36	638.42	0.76	44.49
3.107	13.19	50.92	0.42	7.38	304.09	0.7	44.47
3.132	13.19	50.91	0.46	7.38	578.66	0.75	44.46
3.146	13.2	51.01	0.42	7.36	440.1	0.74	44.55
3.18	13.22	51.0	0.34	7.32	258.79	0.73	44.52
3.225	13.24	50.9	0.5	7.26	266.7	0.76	44.39
3.257	13.21	50.99	0.27	7.05	473.21	0.71	44.51
3.277	13.22	50.99	0.46	7.02	462.8	0.69	44.51
3.336	13.24	50.98	0.3	7.01	339.32	0.76	44.48
3.406	13.26	50.96	0.38	7.02	308.7	0.75	44.43
3.463	13.26	51.05	0.38	7.0	331.7	0.73	44.52
3.491	13.26	51.09	0.38	6.97	314.48	0.76	44.56
3.563	13.28	50.97	0.46	6.93	285.51	0.75	44.42
3.643	13.28	50.98	0.53	6.87	255.03	0.78	44.42
3.695	13.26	50.99	0.38	6.82	353.2	0.8	44.47
3.715	13.25	51.04	0.5	6.79	466.46	0.81	44.52
3.721	13.24	51.03	0.53	6.8	409.59	0.76	44.52
3.738	13.25	51.05	0.61	6.82	347.2	0.81	44.54
3.768	13.26	51.02	0.42	6.87	436.85	0.8	44.49
3.807	13.27	51.02	0.5	6.92	405.62	0.78	44.48
3.854	13.28	51.08	0.53	6.96	336.58	0.76	44.52
3.9	13.29	51.0	0.34	6.99	433.12	0.86	44.44
3.943	13.29	51.04	0.38	6.99	460.12	0.83	44.47
3.995	13.29	51.09	0.42	6.97	275.75	0.82	44.53
4.05	13.29	51.01	0.57	6.94	317.12	0.82	44.45
4.091	13.29	51.0	0.65	6.91	358.56	0.84	44.43
4.119	13.29	51.07	0.5	6.86	322.0	0.87	44.5
4.143	13.28	51.09	0.5	6.83	313.97	0.82	44.54
4.176	13.28	51.05	0.38	6.82	420.84	0.81	44.49
4.209	13.29	51.02	0.42	6.83	325.76	0.81	44.46
4.245	13.29	51.09	0.46	6.84	297.33	0.82	44.52
4.274	13.3	51.04	0.46	6.85	352.22	0.88	44.46
4.281	13.3	51.01	0.5	6.86	356.74	0.85	44.43
4.293	13.29	51.13	0.5	6.84	385.01	0.85	44.56
4.326	13.29	51.04	0.46	6.83	405.81	0.85	44.47

4.365	13.3	51.02	0.42	6.8	247.01	0.83	44.45
4.397	13.28	51.07	0.61	6.79	241.79	0.82	44.52
4.421	13.27	51.08	0.5	6.79	350.76	0.8	44.54
4.43	13.27	51.04	0.3	6.83	412.63	0.9	44.5
4.451	13.27	51.1	0.42	6.89	270.37	0.85	44.56
4.503	13.27	51.08	0.53	6.98	292.2	0.82	44.54
4.565	13.28	51.03	0.46	7.06	366.8	0.8	44.48
4.62	13.28	51.06	0.5	7.12	425.16	0.85	44.5
4.665	13.28	51.1	0.46	7.16	319.77	0.79	44.54
4.694	13.27	51.06	0.42	7.15	265.96	0.81	44.51
4.714	13.27	51.05	0.38	7.13	327.27	0.81	44.5
4.736	13.28	51.1	0.46	7.08	342.32	0.8	44.54
4.784	13.28	51.12	0.53	7.02	276.84	0.82	44.57
4.848	13.29	51.05	0.42	6.95	260.95	0.82	44.48
4.895	13.3	51.08	0.42	6.9	271.57	0.81	44.5
4.92	13.3	51.14	0.53	6.84	349.86	0.85	44.57
4.936	13.3	51.14	0.38	6.8	273.4	0.84	44.56
4.964	13.31	51.15	0.42	6.78	264.73	0.94	44.55
5.003	13.32	51.15	0.53	6.76	305.36	0.93	44.55
5.036	13.33	51.12	0.38	6.75	294.79	0.85	44.5
5.05	13.33	51.11	0.38	6.74	227.34	0.84	44.49
5.051	13.34	51.17	0.34	6.72	235.93	0.85	44.55
5.061	13.34	51.21	0.5	6.7	294.31	0.95	44.58
5.088	13.34	51.21	0.42	6.67	283.6	0.94	44.57
5.12	13.35	51.21	0.5	6.63	246.95	0.92	44.58
5.15	13.35	51.21	0.57	6.61	235.22	0.87	44.57
5.177	13.35	51.23	0.38	6.6	273.14	1.02	44.59
5.214	13.35	51.25	0.46	6.6	293.29	0.98	44.61
5.256	13.35	51.24	0.42	6.62	279.55	1.02	44.6
5.286	13.35	51.24	0.27	6.66	269.25	1.04	44.6
5.303	13.35	51.26	0.46	6.7	273.27	0.92	44.61
5.321	13.36	51.26	0.42	6.75	318.44	0.95	44.61
5.342	13.36	51.26	0.46	6.8	259.69	0.95	44.61
5.365	13.36	51.27	0.5	6.84	245.92	1.02	44.62
5.39	13.36	51.27	0.46	6.9	257.71	1.02	44.62
5.416	13.36	51.27	0.3	6.94	314.19	0.97	44.62
5.448	13.36	51.28	0.42	6.99	295.88	0.96	44.63
5.486	13.36	51.28	0.5	7.03	215.54	0.93	44.63
5.525	13.36	51.28	0.42	7.08	250.23	0.93	44.63
5.554	13.36	51.28	0.38	7.14	272.32	0.96	44.63
5.575	13.36	51.29	0.42	7.2	329.25	1.05	44.63
5.599	13.36	51.29	0.5	7.24	245.64	1.0	44.64
5.635	13.36	51.29	0.53	7.28	225.34	0.95	44.64
5.675	13.36	51.29	0.38	7.33	224.72	0.97	44.64
5.701	13.36	51.29	0.42	7.37	235.6	0.93	44.64
5.714	13.36	51.3	0.53	7.45	299.19	0.97	44.64
5.736	13.36	51.3	0.46	7.52	289.91	1.01	44.64
5.778	13.36	51.3	0.46	7.6	233.42	0.98	44.64
5.824	13.36	51.3	0.61	7.67	201.06	1.05	44.64
5.857	13.37	51.3	0.3	7.74	230.41	0.98	44.64
5.874	13.37	51.3	0.42	7.81	274.22	0.97	44.64
5.879	13.37	51.3	0.38	7.86	278.32	0.95	44.64
5.896	13.37	51.31	0.23	7.91	226.39	1.05	44.64
5.917	13.37	51.31	0.38	7.92	219.11	1.0	44.64
5.925	13.37	51.31	0.42	7.93	209.67	0.89	44.65
5.926	13.37	51.32	0.57	7.93	238.73	0.92	44.65



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.38	49.35	0.0	5.97	250.93	0.53	43.28
PROF (metros)	0.974	0.743	0.974	1.396	1.579	1.396	0.743
MÁXIMO	13.14	13.14	1.34	8.49	2259.4	0.76	45.04
PROF (metros)	2.768	1.013	3.198	1.024	1.11	2.682	0.999

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	12.56	49.54	0.24	8.2	937.82	0.59	43.85
1 - 2m	13.03	50.39	0.49	6.63	648.69	0.6	44.14
2 - 3m	13.09	50.51	0.58	6.48	504.66	0.67	44.18
3 - 4m	13.09	50.59	0.79	6.56	451.81	0.7	44.27

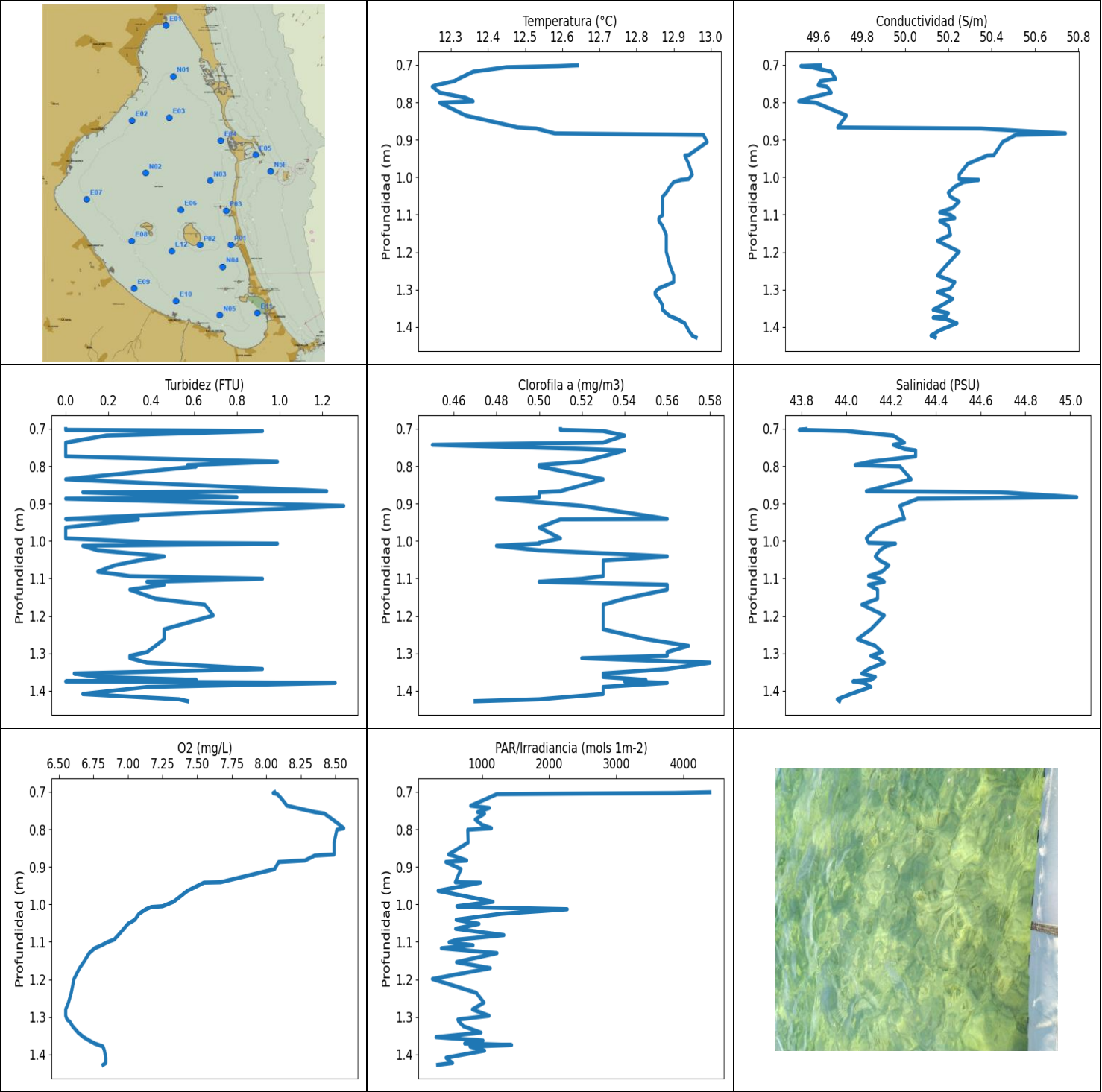
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.724	12.81	49.76	0.3	7.78	810.37	0.58	43.76
0.74	12.88	49.49	0.23	7.84	898.62	0.57	43.42
0.743	12.88	49.35	0.23	7.86	726.06	0.56	43.28
0.748	12.75	49.35	0.23	7.89	1038.9	0.61	43.43
0.761	12.58	49.55	0.08	7.93	1041.6	0.54	43.83
0.774	12.47	49.62	0.19	7.99	895.3	0.6	44.02
0.793	12.44	49.71	0.23	8.07	925.68	0.62	44.15
0.821	12.46	49.75	0.46	8.16	934.74	0.6	44.17
0.829	12.5	49.48	0.23	8.39	481.17	0.59	43.85
0.833	12.45	49.61	0.19	8.43	1002.7	0.68	44.04
0.858	12.42	49.76	0.27	8.44	1380.4	0.6	44.22
0.889	12.45	49.67	0.23	8.44	749.14	0.6	44.1
0.908	12.5	49.45	0.3	8.45	868.12	0.57	43.83
0.921	12.52	49.42	0.15	8.43	1565.1	0.57	43.76
0.933	12.49	49.38	0.15	8.42	722.7	0.57	43.76
0.938	12.44	49.38	0.34	8.44	1151.6	0.58	43.83
0.948	12.4	49.5	0.27	8.45	750.7	0.56	44.0
0.974	12.38	49.66	0.0	8.47	784.5	0.56	44.18
0.999	12.44	50.59	0.0	8.46	1159.6	0.58	45.04
1.013	12.67	50.81	0.0	8.48	606.54	0.56	44.99
1.024	12.89	50.68	0.04	8.49	1176.4	0.55	44.59
1.036	13.01	50.55	0.0	8.49	844.9	0.64	44.32
1.038	13.04	50.5	0.0	8.46	493.03	0.62	44.23
1.045	13.03	50.57	0.0	8.39	698.17	0.56	44.32
1.07	12.98	50.32	0.0	7.43	1954.7	0.54	44.13
1.087	12.96	50.3	0.0	6.95	646.91	0.56	44.12
1.091	12.96	50.26	0.0	6.87	447.5	0.59	44.09
1.11	12.96	50.19	0.0	6.8	2259.4	0.56	44.02
1.124	12.96	50.16	0.0	6.73	312.37	0.63	43.99
1.133	12.96	50.19	0.0	6.66	1235.6	0.6	44.02
1.14	12.95	50.24	0.0	6.58	745.67	0.6	44.09
1.145	12.94	50.15	0.0	6.53	1023.6	0.61	44.01
1.148	12.94	50.15	0.0	6.48	363.25	0.57	44.01
1.151	12.95	50.14	0.0	6.43	1457.3	0.55	43.99
1.154	12.96	50.16	0.0	6.39	595.26	0.66	43.99
1.157	12.96	50.1	0.08	6.35	533.21	0.59	43.93
1.162	12.96	50.14	0.0	6.31	901.34	0.6	43.97
1.175	12.96	50.15	0.0	6.27	799.37	0.55	43.98

1.183	12.95	50.15	0.0	6.16	377.5	0.54	43.99
1.186	12.96	50.25	0.0	6.12	882.73	0.62	44.09
1.202	12.96	50.14	0.0	6.09	483.3	0.61	43.96
1.219	12.97	50.08	0.0	6.06	1117.9	0.68	43.9
1.234	12.98	50.15	0.0	6.03	571.34	0.66	43.95
1.25	12.96	50.18	0.0	6.01	660.85	0.64	44.01
1.259	12.94	50.1	0.0	6.01	539.3	0.63	43.95
1.269	12.94	50.15	0.0	6.01	636.2	0.61	44.01
1.28	12.95	50.16	0.0	6.02	445.02	0.64	44.0
1.293	12.95	50.14	0.0	6.04	1453.3	0.54	43.98
1.307	12.95	50.09	0.0	6.05	481.51	0.59	43.94
1.322	12.94	50.13	0.0	6.08	1268.4	0.55	43.98
1.332	12.94	50.09	0.0	6.06	436.04	0.6	43.94
1.335	12.94	50.08	0.0	6.05	1564.8	0.57	43.93
1.344	12.95	50.24	0.0	6.02	393.31	0.6	44.08
1.36	12.98	50.09	0.0	6.01	538.55	0.65	43.9
1.377	13.0	50.11	0.0	5.98	301.98	0.63	43.89
1.396	13.02	50.14	0.0	5.97	672.75	0.53	43.91
1.405	13.01	50.12	0.0	5.97	513.56	0.62	43.89
1.409	13.0	50.12	0.0	5.98	458.63	0.66	43.91
1.413	12.99	50.15	0.0	6.0	509.64	0.61	43.94
1.417	12.99	50.2	0.0	6.01	689.97	0.61	44.0
1.431	13.0	50.14	0.0	6.05	348.41	0.63	43.93
1.448	13.0	50.11	0.0	6.1	312.23	0.62	43.9
1.462	13.0	50.09	0.0	6.16	1076.7	0.62	43.87
1.473	13.0	50.16	0.0	6.22	460.02	0.59	43.94
1.479	13.01	50.14	0.0	6.28	589.9	0.59	43.91
1.482	13.02	50.11	0.0	6.34	527.31	0.56	43.87
1.486	13.03	50.13	0.0	6.39	400.57	0.58	43.88
1.492	13.04	50.15	0.0	6.42	623.36	0.59	43.89
1.499	13.05	50.16	0.0	6.43	1345.0	0.61	43.9
1.504	13.05	50.15	0.0	6.42	344.87	0.6	43.87
1.506	13.06	50.12	0.0	6.4	1121.8	0.57	43.84
1.51	13.05	50.21	0.0	6.37	308.2	0.63	43.94
1.528	13.06	50.36	0.0	6.32	840.79	0.63	44.07
1.551	13.07	50.12	0.0	6.29	895.3	0.63	43.82
1.566	13.08	50.18	0.0	6.24	1000.2	0.66	43.87
1.575	13.04	50.32	0.92	6.21	352.88	0.62	44.06
1.579	13.01	50.18	0.0	6.16	250.93	0.62	43.95
1.586	13.01	50.33	0.0	6.15	372.89	0.59	44.1
1.606	13.02	50.36	0.0	6.15	714.21	0.59	44.12
1.634	13.04	50.26	0.0	6.16	456.41	0.63	44.0
1.655	13.05	50.16	0.0	6.17	398.26	0.66	43.89
1.66	13.06	50.34	0.0	6.16	659.63	0.66	44.05
1.664	13.05	50.22	0.0	6.17	360.73	0.62	43.95
1.687	13.06	50.31	0.0	6.17	1537.5	0.63	44.03
1.721	13.07	50.26	0.0	6.17	727.07	0.61	43.96
1.752	13.08	50.24	0.0	6.17	1029.1	0.59	43.93
1.783	13.09	50.36	0.0	6.17	352.14	0.62	44.04
1.806	13.1	50.26	0.0	6.17	1508.9	0.61	43.93
1.813	13.1	50.22	0.0	6.16	305.71	0.64	43.88
1.82	13.11	50.47	0.0	6.14	385.01	0.63	44.12
1.834	13.12	50.33	0.0	6.13	983.18	0.56	43.97
1.851	13.12	50.24	0.0	6.13	410.06	0.64	43.88
1.868	13.12	50.35	0.0	6.13	616.03	0.63	43.99
1.878	13.1	50.38	0.57	6.19	615.18	0.6	44.04
1.886	13.1	50.4	0.0	6.22	391.03	0.62	44.06
1.903	13.1	50.41	0.72	6.42	724.04	0.61	44.08

1.947	13.07	50.48	0.65	6.38	746.88	0.6	44.18
1.963	13.08	50.38	0.42	6.34	392.21	0.6	44.08
1.998	13.07	50.46	0.0	6.21	379.43	0.64	44.16
2.021	13.07	50.35	0.8	6.22	687.41	0.66	44.05
2.033	13.07	50.31	0.23	6.22	515.34	0.63	44.01
2.038	13.04	50.5	0.92	6.22	448.02	0.66	44.23
2.128	13.04	50.32	1.03	6.44	1041.1	0.63	44.06
2.178	13.0	50.42	0.95	6.67	451.04	0.66	44.21
2.272	13.03	50.45	0.19	6.78	525.23	0.61	44.2
2.325	13.05	50.38	0.5	6.81	278.77	0.63	44.11
2.371	13.07	50.5	0.5	6.82	708.44	0.63	44.2
2.402	13.08	50.49	0.8	6.82	690.13	0.66	44.17
2.418	13.09	50.45	0.53	6.8	397.15	0.63	44.12
2.424	13.1	50.47	0.27	6.79	386.71	0.69	44.14
2.441	13.1	50.63	0.42	6.76	449.69	0.67	44.29
2.468	13.12	50.48	0.72	6.75	654.15	0.66	44.12
2.514	13.09	50.44	0.69	6.73	442.66	0.61	44.12
2.518	13.09	50.56	0.95	6.72	442.76	0.63	44.23
2.52	13.1	50.48	0.46	6.62	399.92	0.66	44.14
2.531	13.1	50.45	0.76	6.61	475.19	0.61	44.11
2.543	13.1	50.39	0.42	6.59	600.25	0.61	44.06
2.551	13.09	50.45	0.42	6.51	533.58	0.69	44.12
2.557	13.09	50.54	0.27	6.48	628.58	0.68	44.22
2.579	13.09	50.59	0.8	6.45	572.79	0.66	44.26
2.613	13.1	50.44	0.42	6.42	513.56	0.64	44.11
2.651	13.11	50.49	0.46	6.38	419.58	0.69	44.14
2.682	13.12	50.59	0.65	6.36	488.82	0.76	44.23
2.708	13.12	50.59	0.8	6.33	395.04	0.75	44.22
2.724	13.12	50.47	0.72	6.32	437.35	0.71	44.11
2.736	13.13	50.59	0.15	6.3	451.04	0.68	44.22
2.749	13.13	50.55	0.76	6.28	521.59	0.69	44.17
2.768	13.14	50.49	0.5	6.26	489.84	0.68	44.11
2.788	13.14	50.6	0.5	6.24	589.63	0.69	44.22
2.808	13.14	50.57	0.53	6.24	621.63	0.68	44.18
2.819	13.12	50.69	0.61	6.2	594.85	0.67	44.34
2.837	13.12	50.56	0.38	6.21	477.51	0.64	44.2
2.864	13.12	50.48	0.42	6.22	521.84	0.69	44.11
2.891	13.11	50.63	0.76	6.24	461.3	0.68	44.28
2.914	13.1	50.57	0.76	6.28	303.31	0.68	44.24
2.918	13.1	50.6	0.69	6.36	385.99	0.7	44.27
2.923	13.1	50.65	0.46	6.4	474.86	0.66	44.31
2.944	13.1	50.52	0.72	6.45	570.14	0.66	44.18
2.965	13.1	50.51	0.19	6.5	413.02	0.71	44.17
2.974	13.09	50.63	0.88	6.52	412.63	0.7	44.3
2.978	13.08	50.6	0.57	6.55	387.96	0.65	44.28
2.986	13.08	50.53	0.5	6.56	439.89	0.67	44.22
3.002	13.09	50.62	0.57	6.56	394.31	0.71	44.3
3.02	13.09	50.57	0.5	6.56	457.57	0.7	44.24
3.039	13.1	50.53	0.61	6.55	335.26	0.7	44.2
3.063	13.1	50.66	0.53	6.53	436.64	0.72	44.31
3.086	13.11	50.59	0.53	6.52	659.48	0.69	44.24
3.102	13.11	50.51	0.53	6.52	536.43	0.74	44.16
3.12	13.11	50.66	0.65	6.5	501.79	0.72	44.31
3.155	13.11	50.65	1.11	6.49	434.22	0.74	44.31
3.177	13.08	50.61	0.92	6.47	344.31	0.72	44.29
3.187	13.05	50.63	1.22	6.49	572.53	0.68	44.35
3.195	13.06	50.52	0.76	6.54	303.24	0.68	44.23
3.198	13.06	50.6	1.34	6.63	472.66	0.7	44.31

3.203	13.04	50.55	0.95	6.87	425.06	0.64	44.28
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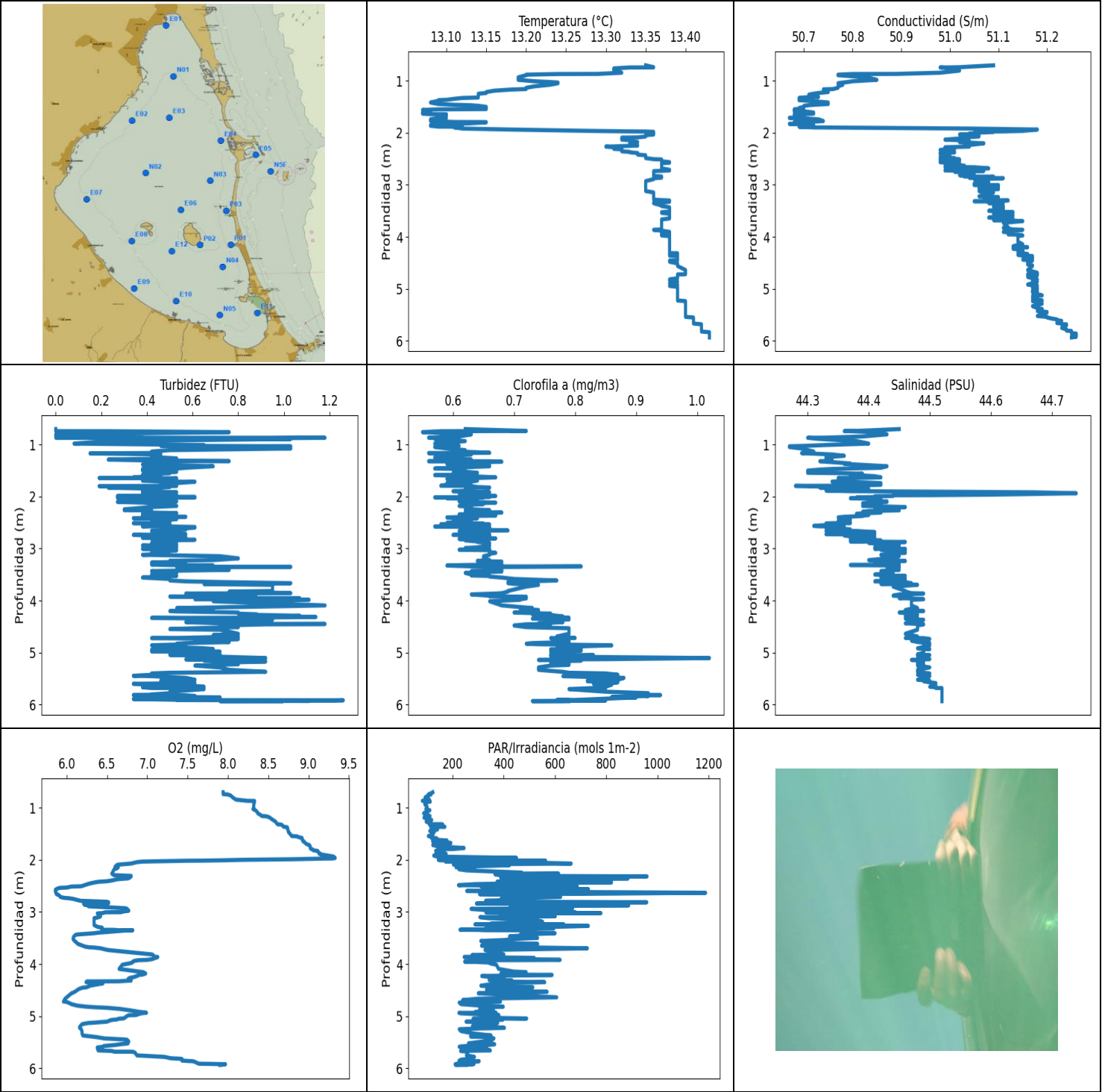
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.25	49.51	0.0	6.55	258.97	0.45	43.79
PROF (metros)	0.758	0.797	0.701	1.28	1.199	0.743	0.703
MÁXIMO	12.99	12.99	1.3	8.56	4398.4	0.58	45.03
PROF (metros)	0.906	0.883	0.906	0.797	0.701	1.325	0.883

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	12.53	49.95	0.7	8.25	871.06	0.51	44.29
1 - 2m	12.89	50.2	0.44	6.8	816.69	0.53	44.12

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.701	12.64	49.61	0.0	8.06	4398.4	0.51	43.82
0.703	12.59	49.52	0.0	8.05	3863.9	0.51	43.79
0.706	12.45	49.57	0.92	8.08	1220.5	0.53	44.0
0.718	12.36	49.66	0.19	8.11	1071.5	0.54	44.21
0.737	12.32	49.68	0.0	8.15	830.53	0.53	44.26
0.743	12.31	49.61	0.0	8.22	1108.1	0.45	44.21
0.754	12.26	49.6	0.0	8.35	932.79	0.52	44.26
0.758	12.25	49.64	0.0	8.42	1036.1	0.54	44.31
0.774	12.27	49.66	0.0	8.48	898.21	0.53	44.31
0.788	12.34	49.56	0.99	8.53	999.26	0.52	44.11
0.797	12.36	49.51	0.57	8.56	1139.6	0.5	44.04
0.801	12.27	49.59	0.61	8.51	786.68	0.5	44.24
0.835	12.34	49.73	0.0	8.49	791.99	0.53	44.29
0.867	12.48	49.69	1.22	8.49	500.98	0.51	44.09
0.87	12.53	50.35	0.08	8.35	562.92	0.5	44.69
0.883	12.58	50.74	0.8	8.28	770.98	0.5	45.03
0.887	12.98	50.51	0.0	8.09	458.95	0.48	44.32
0.906	12.99	50.45	1.3	8.06	684.71	0.52	44.24
0.941	12.94	50.41	0.0	7.67	600.81	0.56	44.26
0.942	12.93	50.38	0.34	7.55	973.43	0.51	44.24
0.964	12.94	50.29	0.0	7.43	343.43	0.5	44.14
0.993	12.95	50.25	0.0	7.33	1163.4	0.51	44.09
1.005	12.94	50.25	0.46	7.25	625.39	0.5	44.1
1.007	12.92	50.34	0.99	7.17	647.66	0.5	44.22
1.013	12.9	50.27	0.08	7.13	2269.9	0.48	44.18
1.025	12.89	50.23	0.15	7.08	1289.5	0.5	44.15
1.041	12.88	50.2	0.46	7.05	613.33	0.56	44.13
1.052	12.87	50.21	0.34	7.0	953.56	0.53	44.15
1.065	12.87	50.25	0.23	6.97	605.56	0.53	44.19
1.082	12.87	50.22	0.15	6.93	1324.9	0.53	44.16
1.094	12.87	50.16	0.3	6.9	630.92	0.53	44.1
1.101	12.87	50.21	0.92	6.85	508.35	0.52	44.15
1.109	12.86	50.23	0.38	6.81	865.31	0.5	44.17
1.117	12.86	50.16	0.46	6.76	393.03	0.56	44.1
1.13	12.87	50.2	0.3	6.72	1222.2	0.56	44.14
1.154	12.88	50.21	0.42	6.68	618.32	0.54	44.14
1.17	12.88	50.15	0.65	6.65	1122.6	0.53	44.07
1.199	12.88	50.25	0.69	6.61	258.97	0.53	44.17
1.236	12.89	50.19	0.46	6.59	915.02	0.53	44.11
1.262	12.9	50.15	0.46	6.57	1027.7	0.55	44.05

1.28	12.9	50.23	0.42	6.55	855.93	0.57	44.13
1.297	12.86	50.21	0.38	6.55	1104.0	0.56	44.16
1.307	12.85	50.15	0.3	6.56	639.16	0.56	44.11
1.313	12.85	50.18	0.3	6.58	653.54	0.52	44.14
1.325	12.86	50.22	0.38	6.6	722.53	0.58	44.17
1.342	12.87	50.17	0.92	6.64	983.64	0.56	44.1
1.354	12.87	50.13	0.04	6.68	312.95	0.53	44.07
1.363	12.88	50.2	0.15	6.72	1013.3	0.53	44.13
1.371	12.89	50.19	0.61	6.76	740.33	0.55	44.11
1.375	12.9	50.13	0.0	6.79	1440.2	0.54	44.03
1.379	12.91	50.19	1.26	6.82	820.2	0.56	44.08
1.39	12.93	50.24	0.38	6.83	1037.3	0.53	44.11
1.409	12.94	50.16	0.08	6.84	462.8	0.53	44.02
1.423	12.95	50.12	0.53	6.84	558.89	0.5	43.96
1.428	12.96	50.14	0.57	6.82	337.28	0.47	43.97



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.07	50.67	0.0	5.86	82.43	0.55	44.27
PROF (metros)	1.561	1.712	0.702	2.573	0.867	0.761	1.033
MÁXIMO	13.43	13.43	1.26	9.33	1187.6	1.02	44.74
PROF (metros)	5.835	5.862	5.918	1.963	2.632	5.106	1.937

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	13.24	50.86	0.59	8.24	103.1	0.58	44.35
1 - 2m	13.15	50.77	0.46	8.81	142.38	0.62	44.37
2 - 3m	13.35	51.02	0.46	6.41	472.73	0.63	44.38
3 - 4m	13.37	51.1	0.62	6.49	441.92	0.67	44.44
4 - 5m	13.39	51.16	0.7	6.52	373.69	0.76	44.48
5 - 6m	13.41	51.21	0.64	6.9	293.87	0.82	44.5

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	13.35	51.09	0.0	7.94	123.29	0.62	44.45
0.738	13.36	51.02	0.0	7.94	110.57	0.72	44.38
0.742	13.36	51.0	0.0	7.97	106.32	0.63	44.36
0.743	13.33	50.98	0.23	7.99	117.0	0.58	44.37
0.761	13.31	51.01	0.76	8.03	105.88	0.55	44.41
0.803	13.31	51.02	0.0	8.06	93.01	0.63	44.43
0.844	13.32	50.98	0.0	8.1	110.11	0.61	44.39
0.867	13.29	50.89	0.38	8.24	82.43	0.56	44.33
0.868	13.24	50.81	0.0	8.33	99.89	0.57	44.3
0.869	13.24	50.8	1.18	8.33	110.34	0.61	44.3
0.882	13.2	50.77	0.84	8.33	113.5	0.59	44.31
0.892	13.2	50.77	1.03	8.33	102.42	0.57	44.32
0.933	13.19	50.83	0.23	8.32	92.07	0.62	44.38
0.981	13.19	50.85	0.08	8.32	101.13	0.57	44.4
1.008	13.21	50.8	0.65	8.32	99.45	0.6	44.33
1.023	13.23	50.79	0.46	8.31	96.08	0.61	44.3
1.033	13.24	50.78	1.03	8.32	98.76	0.59	44.27
1.047	13.24	50.77	0.5	8.34	111.85	0.57	44.27
1.075	13.23	50.78	1.03	8.36	102.05	0.59	44.29
1.107	13.21	50.77	0.5	8.37	87.45	0.62	44.3
1.134	13.2	50.77	0.42	8.4	97.02	0.61	44.31
1.158	13.2	50.76	0.46	8.42	112.48	0.66	44.3
1.164	13.19	50.74	0.38	8.47	108.59	0.56	44.29
1.169	13.18	50.74	0.15	8.49	103.86	0.6	44.3
1.19	13.16	50.75	0.46	8.52	88.88	0.63	44.34
1.216	13.15	50.75	0.42	8.54	106.52	0.6	44.36
1.234	13.15	50.73	0.42	8.56	119.02	0.59	44.34
1.248	13.14	50.72	0.46	8.57	111.0	0.57	44.33
1.266	13.14	50.71	0.53	8.59	97.42	0.59	44.33
1.289	13.14	50.72	0.23	8.6	107.83	0.63	44.34
1.31	13.14	50.73	0.46	8.61	113.76	0.59	44.34
1.319	13.14	50.7	0.76	8.62	124.5	0.63	44.32
1.32	13.14	50.7	0.53	8.64	161.92	0.56	44.32
1.321	13.14	50.7	0.5	8.65	110.18	0.66	44.32
1.33	13.12	50.69	0.5	8.67	111.62	0.68	44.33
1.346	13.11	50.7	0.53	8.68	142.15	0.61	44.35

1.365	13.1	50.71	0.5	8.69	170.35	0.66	44.37
1.372	13.09	50.69	0.42	8.73	115.44	0.59	44.36
1.384	13.09	50.71	0.38	8.74	129.29	0.63	44.38
1.417	13.08	50.75	0.69	8.74	141.65	0.66	44.43
1.446	13.09	50.75	0.57	8.75	111.49	0.6	44.42
1.461	13.11	50.72	0.53	8.75	118.69	0.57	44.37
1.469	13.13	50.71	0.38	8.75	129.08	0.61	44.34
1.481	13.14	50.7	0.42	8.76	121.05	0.6	44.32
1.501	13.15	50.7	0.38	8.77	120.86	0.62	44.3
1.522	13.15	50.69	0.53	8.78	124.07	0.62	44.3
1.543	13.15	50.69	0.46	8.79	105.88	0.64	44.3
1.549	13.09	50.68	0.5	8.86	116.86	0.6	44.35
1.561	13.07	50.7	0.46	8.87	114.37	0.61	44.39
1.581	13.08	50.68	0.38	8.92	118.89	0.62	44.37
1.587	13.08	50.7	0.46	8.92	139.02	0.57	44.38
1.609	13.07	50.72	0.42	8.92	128.37	0.63	44.41
1.631	13.07	50.72	0.34	8.93	179.14	0.67	44.42
1.642	13.08	50.7	0.42	8.93	152.52	0.64	44.38
1.643	13.1	50.68	0.19	8.94	122.47	0.63	44.35
1.649	13.1	50.69	0.53	8.94	128.51	0.61	44.35
1.662	13.1	50.69	0.46	8.95	132.66	0.59	44.36
1.677	13.09	50.69	0.46	8.96	193.74	0.63	44.36
1.693	13.09	50.7	0.38	8.97	147.48	0.64	44.37
1.712	13.1	50.67	0.46	9.0	170.95	0.63	44.34
1.715	13.09	50.69	0.61	9.01	123.32	0.63	44.36
1.741	13.08	50.73	0.53	9.02	143.11	0.59	44.42
1.773	13.08	50.74	0.46	9.02	245.35	0.59	44.42
1.792	13.11	50.71	0.46	9.03	203.5	0.58	44.36
1.794	13.15	50.68	0.53	9.04	144.34	0.63	44.28
1.799	13.15	50.69	0.19	9.05	145.88	0.63	44.3
1.817	13.13	50.71	0.5	9.06	144.64	0.64	44.34
1.827	13.11	50.67	0.46	9.1	134.46	0.66	44.32
1.828	13.11	50.69	0.23	9.11	167.22	0.63	44.35
1.84	13.09	50.71	0.34	9.12	151.92	0.62	44.38
1.853	13.08	50.72	0.46	9.12	160.35	0.63	44.4
1.865	13.08	50.72	0.46	9.13	136.34	0.62	44.4
1.881	13.09	50.72	0.46	9.13	135.77	0.63	44.39
1.883	13.12	50.69	0.42	9.15	175.4	0.63	44.33
1.896	13.11	50.72	0.38	9.15	137.07	0.6	44.37
1.918	13.12	51.04	0.53	9.24	127.0	0.66	44.67
1.937	13.18	51.18	0.38	9.31	140.48	0.61	44.74
1.963	13.28	51.15	0.46	9.33	450.0	0.65	44.6
1.973	13.33	51.11	0.46	9.3	158.03	0.62	44.5
1.975	13.35	51.08	0.46	9.2	151.29	0.63	44.44
1.981	13.36	51.09	0.53	9.02	243.09	0.65	44.44
1.989	13.36	51.08	0.27	8.78	181.82	0.67	44.44
1.994	13.36	51.06	0.53	8.5	376.45	0.66	44.41
1.999	13.36	51.05	0.3	8.2	144.74	0.66	44.41
2.009	13.36	51.05	0.61	7.92	156.61	0.66	44.41
2.015	13.36	51.04	0.42	7.68	563.31	0.57	44.39
2.017	13.36	51.04	0.61	7.49	334.17	0.65	44.38
2.022	13.36	51.05	0.27	7.33	307.28	0.6	44.4
2.033	13.36	51.02	0.42	6.94	172.74	0.59	44.37
2.044	13.35	51.06	0.34	6.87	433.12	0.63	44.42
2.071	13.35	51.06	0.46	6.8	663.15	0.64	44.42
2.088	13.34	51.03	0.5	6.66	203.4	0.63	44.4
2.092	13.32	51.04	0.53	6.64	297.05	0.61	44.43
2.102	13.32	51.03	0.27	6.62	422.31	0.63	44.43

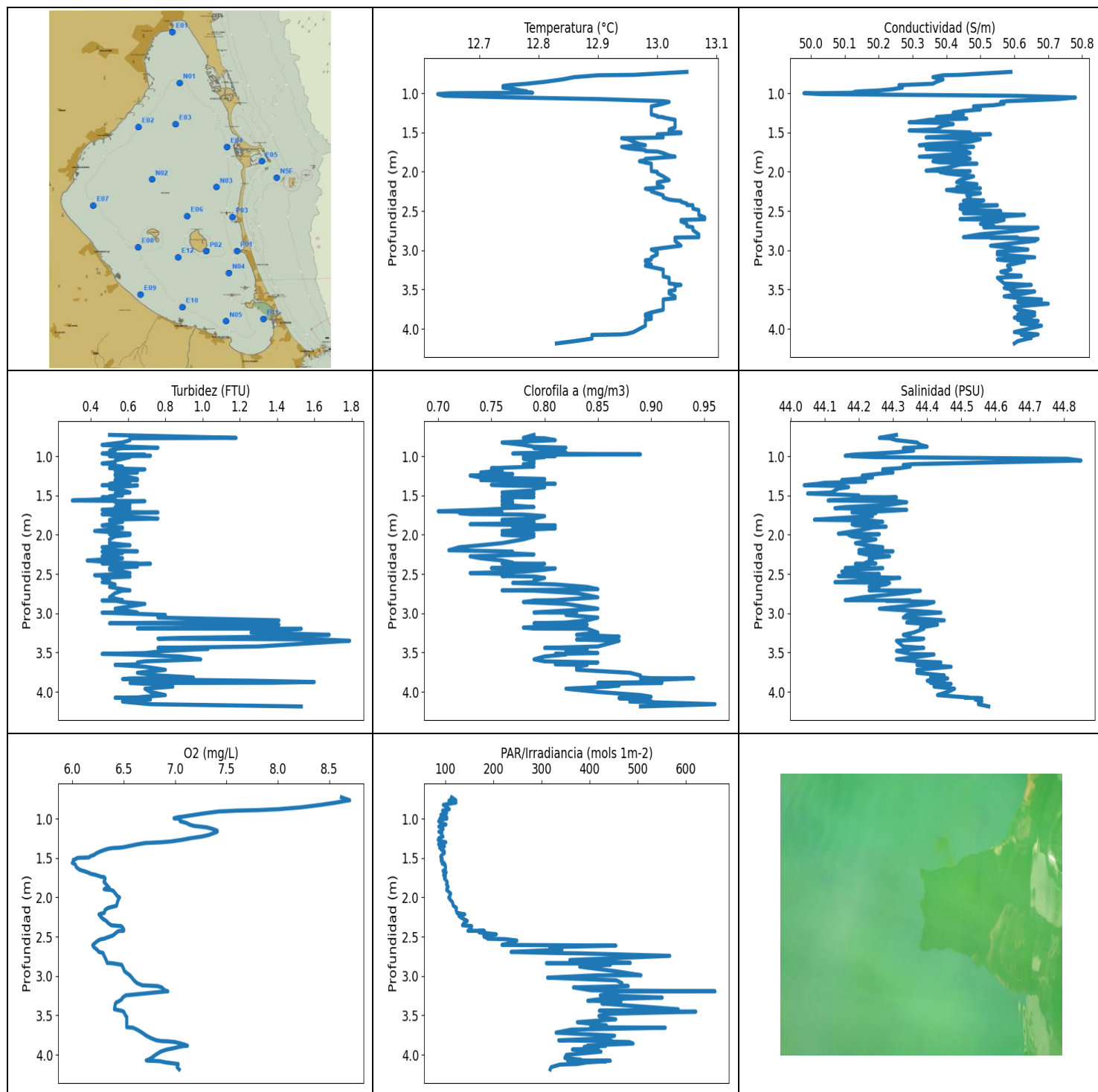
2.117	13.32	51.01	0.38	6.62	330.93	0.67	44.4
2.131	13.32	50.99	0.42	6.6	215.64	0.63	44.39
2.142	13.33	51.02	0.5	6.64	213.84	0.65	44.41
2.158	13.33	51.04	0.46	6.63	286.77	0.63	44.42
2.18	13.34	51.02	0.53	6.59	225.29	0.61	44.39
2.202	13.33	51.07	0.42	6.58	255.45	0.63	44.46
2.245	13.34	51.03	0.3	6.57	470.48	0.63	44.41
2.262	13.31	51.03	0.3	6.56	365.61	0.66	44.44
2.265	13.3	51.04	0.42	6.56	614.18	0.62	44.45
2.278	13.31	50.99	0.38	6.57	366.12	0.63	44.4
2.294	13.32	50.99	0.38	6.59	384.12	0.63	44.39
2.308	13.31	51.01	0.42	6.8	451.36	0.68	44.42
2.318	13.32	50.99	0.53	6.8	959.1	0.66	44.4
2.33	13.32	50.98	0.42	6.79	730.45	0.63	44.38
2.343	13.32	51.0	0.38	6.78	388.41	0.61	44.4
2.356	13.32	51.0	0.38	6.76	884.98	0.66	44.4
2.367	13.33	51.0	0.5	6.66	669.49	0.67	44.39
2.374	13.33	51.01	0.38	6.62	747.58	0.61	44.39
2.389	13.34	50.98	0.57	6.58	628.15	0.63	44.36
2.401	13.34	50.98	0.5	6.54	430.81	0.59	44.35
2.412	13.34	50.99	0.42	6.49	510.71	0.6	44.36
2.416	13.34	50.99	0.34	6.45	466.68	0.64	44.36
2.42	13.34	51.0	0.46	6.4	373.93	0.62	44.37
2.432	13.35	51.0	0.53	6.35	820.58	0.6	44.37
2.449	13.35	50.99	0.5	6.3	464.63	0.62	44.36
2.466	13.35	50.98	0.5	6.26	288.77	0.63	44.35
2.486	13.35	51.01	0.42	6.22	223.37	0.61	44.37
2.507	13.36	51.0	0.5	6.18	686.62	0.59	44.36
2.511	13.37	51.02	0.5	6.08	596.5	0.63	44.37
2.512	13.37	51.0	0.34	6.06	312.01	0.63	44.34
2.518	13.37	50.98	0.5	6.04	520.39	0.65	44.33
2.525	13.37	50.99	0.5	6.02	425.26	0.63	44.34
2.531	13.37	51.01	0.46	6.01	557.73	0.58	44.35
2.537	13.37	51.02	0.46	5.92	326.66	0.66	44.36
2.548	13.37	50.99	0.5	5.89	498.08	0.6	44.33
2.564	13.38	50.98	0.42	5.87	730.45	0.63	44.31
2.573	13.38	50.99	0.38	5.86	395.32	0.6	44.32
2.575	13.38	51.01	0.5	5.86	322.38	0.57	44.35
2.585	13.37	51.02	0.61	5.86	450.52	0.66	44.36
2.597	13.37	50.99	0.61	5.86	255.69	0.63	44.33
2.611	13.37	51.01	0.57	5.86	435.53	0.65	44.35
2.632	13.37	51.03	0.57	5.87	1187.6	0.63	44.37
2.652	13.37	51.0	0.5	5.87	700.93	0.69	44.34
2.658	13.37	50.99	0.42	5.88	305.64	0.62	44.33
2.662	13.37	51.05	0.42	5.88	365.53	0.61	44.38
2.684	13.37	51.08	0.5	5.91	508.82	0.62	44.41
2.711	13.38	51.01	0.46	5.92	621.92	0.61	44.34
2.724	13.38	50.99	0.57	5.95	523.17	0.66	44.33
2.731	13.37	51.07	0.5	5.98	463.87	0.63	44.41
2.737	13.36	51.04	0.34	6.03	432.71	0.6	44.38
2.749	13.36	51.01	0.42	6.08	388.86	0.64	44.36
2.766	13.36	51.03	0.53	6.12	448.02	0.66	44.37
2.786	13.36	51.05	0.57	6.17	329.33	0.63	44.41
2.793	13.36	51.05	0.38	6.3	415.13	0.65	44.41
2.805	13.36	51.04	0.5	6.5	498.78	0.67	44.39
2.815	13.36	51.02	0.42	6.52	957.99	0.61	44.37
2.83	13.36	51.03	0.61	6.52	438.37	0.63	44.37
2.84	13.37	51.03	0.53	6.5	293.56	0.62	44.37

2.843	13.37	51.09	0.5	6.21	663.0	0.62	44.42
2.863	13.37	51.04	0.46	6.22	493.6	0.64	44.37
2.873	13.36	51.11	0.53	6.27	887.65	0.64	44.46
2.891	13.36	51.05	0.42	6.27	425.26	0.66	44.4
2.929	13.35	51.07	0.53	6.73	669.18	0.65	44.43
2.941	13.35	51.08	0.38	6.75	272.77	0.66	44.45
2.977	13.35	51.05	0.53	6.77	366.38	0.64	44.41
2.989	13.35	51.05	0.42	6.71	435.53	0.62	44.42
3.005	13.35	51.05	0.38	6.67	679.96	0.63	44.41
3.006	13.35	51.1	0.38	6.48	330.24	0.66	44.46
3.023	13.35	51.06	0.46	6.44	779.24	0.61	44.42
3.029	13.35	51.09	0.46	6.38	384.2	0.65	44.46
3.033	13.35	51.1	0.53	6.39	435.53	0.66	44.46
3.067	13.35	51.06	0.46	6.41	462.37	0.66	44.43
3.083	13.35	51.1	0.42	6.42	601.08	0.67	44.46
3.1	13.35	51.07	0.46	6.4	307.2	0.66	44.43
3.12	13.35	51.06	0.38	6.34	341.37	0.66	44.42
3.147	13.36	51.09	0.72	6.34	522.08	0.65	44.45
3.189	13.36	51.07	0.8	6.34	551.81	0.65	44.43
3.222	13.36	51.06	0.69	6.34	350.19	0.66	44.4
3.237	13.36	51.09	0.5	6.34	545.96	0.64	44.44
3.238	13.36	51.1	0.57	6.34	634.14	0.66	44.46
3.24	13.36	51.09	0.5	6.34	287.7	0.64	44.44
3.252	13.36	51.08	0.57	6.34	454.19	0.68	44.43
3.268	13.36	51.08	0.42	6.36	729.94	0.66	44.43
3.284	13.36	51.08	0.46	6.38	615.18	0.67	44.42
3.295	13.37	51.07	0.46	6.41	330.47	0.66	44.41
3.301	13.38	51.12	0.42	6.44	413.11	0.68	44.45
3.309	13.38	51.09	0.42	6.44	484.2	0.67	44.42
3.317	13.38	51.05	0.5	6.43	595.4	0.62	44.37
3.326	13.38	51.11	0.69	6.44	444.51	0.59	44.44
3.343	13.37	51.11	0.53	6.45	229.4	0.63	44.45
3.344	13.36	51.09	0.61	6.59	299.05	0.81	44.44
3.351	13.36	51.08	0.61	6.63	329.71	0.72	44.43
3.352	13.36	51.09	1.03	6.82	448.13	0.72	44.44
3.354	13.36	51.1	0.69	6.75	493.03	0.67	44.45
3.398	13.37	51.09	0.53	6.39	478.84	0.66	44.43
3.409	13.37	51.11	0.76	6.34	600.39	0.68	44.45
3.433	13.38	51.09	0.42	6.13	465.06	0.63	44.42
3.441	13.38	51.11	0.46	6.11	518.58	0.68	44.44
3.468	13.38	51.11	0.53	6.09	422.9	0.62	44.44
3.5	13.38	51.08	0.42	6.08	531.85	0.63	44.41
3.518	13.38	51.1	0.5	6.08	439.89	0.63	44.43
3.526	13.37	51.13	0.53	6.08	426.84	0.66	44.46
3.539	13.37	51.11	0.46	6.09	404.68	0.66	44.44
3.558	13.38	51.09	0.38	6.1	310.64	0.68	44.42
3.585	13.38	51.13	0.5	6.12	336.19	0.7	44.46
3.614	13.38	51.11	0.5	6.14	532.46	0.77	44.44
3.631	13.38	51.08	0.57	6.17	467.33	0.72	44.41
3.647	13.38	51.13	0.76	6.2	313.32	0.69	44.46
3.666	13.37	51.13	1.03	6.23	376.19	0.69	44.47
3.679	13.37	51.09	0.92	6.28	357.4	0.7	44.42
3.683	13.37	51.11	0.65	6.34	518.22	0.71	44.45
3.698	13.37	51.15	0.95	6.42	726.23	0.74	44.48
3.731	13.37	51.11	0.95	6.51	327.04	0.72	44.44
3.816	13.37	51.12	0.95	7.06	400.48	0.69	44.46
3.827	13.37	51.11	0.76	7.07	276.59	0.69	44.46
3.858	13.37	51.13	1.03	7.09	307.7	0.68	44.47

3.865	13.36	51.15	0.57	7.13	245.58	0.67	44.49
3.882	13.37	51.12	0.72	7.1	518.94	0.63	44.45
3.906	13.38	51.11	0.65	7.06	467.98	0.66	44.44
3.92	13.38	51.13	0.84	7.0	620.05	0.66	44.46
3.923	13.37	51.13	0.5	6.95	550.79	0.69	44.46
3.926	13.37	51.13	0.69	6.89	377.5	0.72	44.47
3.939	13.37	51.12	0.88	6.84	319.03	0.72	44.46
3.954	13.37	51.12	0.61	6.82	247.69	0.71	44.45
3.958	13.38	51.14	1.07	6.82	285.97	0.72	44.47
3.975	13.37	51.15	0.61	6.81	359.06	0.71	44.49
3.986	13.38	51.14	1.11	6.78	346.31	0.71	44.47
4.014	13.38	51.14	0.69	6.69	371.51	0.66	44.47
4.094	13.38	51.14	1.18	6.65	380.04	0.68	44.47
4.145	13.38	51.15	0.53	6.9	438.27	0.73	44.48
4.156	13.38	51.14	0.61	6.95	487.35	0.71	44.47
4.182	13.38	51.13	0.69	6.98	388.77	0.74	44.46
4.202	13.38	51.16	0.5	6.94	404.68	0.73	44.49
4.209	13.38	51.14	0.53	6.9	588.81	0.73	44.47
4.23	13.38	51.13	0.8	6.87	314.26	0.7	44.45
4.252	13.38	51.15	0.8	6.83	353.12	0.76	44.47
4.264	13.38	51.14	0.88	6.79	401.13	0.73	44.47
4.276	13.38	51.15	0.88	6.77	396.88	0.76	44.48
4.293	13.38	51.15	1.07	6.76	350.67	0.77	44.47
4.307	13.38	51.14	0.99	6.77	343.2	0.78	44.46
4.315	13.38	51.15	1.11	6.79	432.21	0.77	44.47
4.316	13.39	51.15	1.14	6.8	388.59	0.77	44.47
4.331	13.39	51.16	0.76	6.65	382.43	0.79	44.47
4.334	13.38	51.16	0.42	6.25	374.71	0.77	44.48
4.348	13.39	51.14	0.69	6.24	559.93	0.73	44.46
4.363	13.38	51.15	0.76	6.37	425.55	0.79	44.47
4.37	13.39	51.17	0.95	6.45	376.19	0.76	44.49
4.415	13.39	51.17	0.57	6.29	311.0	0.78	44.48
4.438	13.39	51.15	0.72	6.26	406.75	0.74	44.46
4.448	13.39	51.16	0.84	6.24	513.56	0.76	44.48
4.451	13.39	51.16	1.18	6.21	455.03	0.76	44.48
4.457	13.38	51.17	0.92	6.19	421.53	0.72	44.49
4.48	13.38	51.16	0.72	6.15	333.01	0.7	44.48
4.511	13.39	51.16	0.8	6.12	333.63	0.72	44.48
4.533	13.39	51.16	0.61	6.1	569.35	0.79	44.48
4.549	13.39	51.17	0.5	6.08	458.95	0.79	44.48
4.561	13.39	51.17	0.72	6.06	300.72	0.79	44.48
4.639	13.4	51.16	0.8	6.0	606.68	0.79	44.46
4.665	13.4	51.17	0.69	5.98	300.44	0.78	44.47
4.693	13.4	51.18	0.8	5.97	239.84	0.77	44.48
4.72	13.4	51.16	0.53	5.96	328.56	0.8	44.46
4.723	13.39	51.18	0.42	5.99	387.15	0.76	44.49
4.74	13.39	51.18	0.8	6.02	226.34	0.77	44.5
4.77	13.39	51.16	0.61	6.06	233.91	0.79	44.47
4.798	13.39	51.17	0.76	6.13	312.66	0.79	44.48
4.818	13.38	51.18	0.57	6.24	398.07	0.73	44.5
4.83	13.38	51.17	0.53	6.36	329.1	0.72	44.49
4.84	13.38	51.17	0.57	6.5	332.01	0.74	44.49
4.861	13.39	51.18	0.42	6.66	306.07	0.86	44.5
4.892	13.38	51.17	0.5	6.8	360.48	0.78	44.49
4.918	13.39	51.16	0.65	6.9	289.57	0.77	44.48
4.931	13.39	51.17	0.69	6.98	342.88	0.78	44.49
4.936	13.38	51.18	0.53	6.99	370.39	0.81	44.5
4.937	13.38	51.17	0.46	6.97	225.19	0.76	44.49

4.945	13.38	51.17	0.42	6.93	231.97	0.76	44.49
4.962	13.39	51.17	0.5	6.89	297.88	0.81	44.49
4.979	13.39	51.17	0.42	6.86	327.57	0.77	44.49
4.981	13.39	51.18	0.46	6.79	381.1	0.77	44.49
4.983	13.39	51.18	0.72	6.77	342.24	0.76	44.49
5.005	13.39	51.18	0.5	6.74	353.45	0.77	44.49
5.033	13.39	51.17	0.72	6.72	355.42	0.76	44.48
5.045	13.39	51.17	0.5	6.7	489.5	0.76	44.48
5.046	13.39	51.18	0.53	6.68	348.49	0.78	44.49
5.049	13.39	51.18	0.57	6.65	280.65	0.83	44.5
5.058	13.39	51.17	0.72	6.63	284.72	0.82	44.49
5.065	13.39	51.17	0.65	6.62	395.41	0.79	44.48
5.069	13.39	51.17	0.69	6.58	396.32	0.76	44.49
5.08	13.39	51.18	0.72	6.54	332.93	0.78	44.49
5.106	13.39	51.18	0.92	6.5	253.03	1.02	44.49
5.127	13.39	51.19	0.65	6.32	370.22	0.85	44.5
5.131	13.39	51.18	0.57	6.27	376.1	0.79	44.49
5.142	13.39	51.17	0.69	6.23	309.56	0.74	44.47
5.155	13.39	51.18	0.65	6.19	313.75	0.81	44.49
5.172	13.39	51.18	0.92	6.18	290.85	0.76	44.49
5.191	13.39	51.17	0.76	6.17	277.81	0.79	44.48
5.208	13.39	51.18	0.72	6.16	361.57	0.79	44.48
5.225	13.39	51.19	0.8	6.16	402.71	0.76	44.49
5.237	13.4	51.17	0.69	6.17	299.89	0.79	44.48
5.251	13.4	51.18	0.61	6.18	226.5	0.76	44.48
5.286	13.4	51.19	0.72	6.19	233.05	0.74	44.5
5.333	13.4	51.17	0.76	6.19	282.74	0.74	44.48
5.371	13.4	51.18	0.92	6.2	350.51	0.78	44.48
5.389	13.4	51.19	0.5	6.3	270.75	0.79	44.49
5.402	13.4	51.19	0.42	6.37	336.03	0.85	44.5
5.428	13.4	51.18	0.42	6.47	361.74	0.87	44.48
5.447	13.4	51.2	0.34	6.71	346.95	0.82	44.5
5.454	13.4	51.2	0.42	6.75	355.34	0.78	44.5
5.487	13.4	51.19	0.57	6.77	316.97	0.88	44.49
5.523	13.4	51.18	0.61	6.76	262.47	0.87	44.48
5.54	13.4	51.2	0.46	6.66	364.68	0.82	44.5
5.552	13.41	51.2	0.57	6.61	343.2	0.82	44.49
5.573	13.41	51.21	0.5	6.46	253.62	0.87	44.5
5.588	13.41	51.22	0.61	6.45	226.34	0.86	44.51
5.601	13.41	51.22	0.34	6.38	333.24	0.83	44.51
5.617	13.41	51.23	0.42	6.38	307.63	0.86	44.51
5.658	13.41	51.22	0.65	6.39	347.68	0.85	44.5
5.668	13.41	51.23	0.38	6.56	231.7	0.85	44.51
5.682	13.42	51.23	0.42	6.59	256.22	0.85	44.51
5.683	13.42	51.24	0.61	6.82	254.27	0.83	44.52
5.703	13.42	51.24	0.65	6.85	259.63	0.79	44.52
5.753	13.42	51.23	0.5	6.87	254.56	0.85	44.52
5.782	13.42	51.24	0.5	7.21	285.91	0.92	44.52
5.794	13.42	51.24	0.46	7.25	273.91	0.92	44.52
5.806	13.42	51.24	0.42	7.28	270.81	0.92	44.52
5.81	13.42	51.25	0.5	7.31	256.93	0.89	44.52
5.818	13.42	51.25	0.34	7.41	264.18	0.94	44.52
5.822	13.42	51.25	0.57	7.43	262.41	0.91	44.52
5.835	13.43	51.25	0.61	7.43	234.94	0.92	44.52
5.853	13.43	51.25	0.46	7.43	226.02	0.86	44.52
5.862	13.43	51.26	0.72	7.52	240.51	0.87	44.52
5.864	13.43	51.26	0.72	7.56	304.09	0.9	44.52
5.877	13.43	51.26	0.69	7.59	280.52	0.87	44.52

5.893	13.43	51.26	0.34	7.61	259.57	0.84	44.52
5.908	13.43	51.26	0.53	7.63	219.11	0.81	44.52
5.914	13.43	51.25	0.53	7.65	248.33	0.8	44.52
5.915	13.43	51.25	0.61	7.73	261.68	0.77	44.52
5.916	13.43	51.25	0.76	7.77	271.88	0.79	44.52
5.918	13.43	51.25	1.26	7.81	284.06	0.77	44.52
5.922	13.43	51.26	1.22	7.97	210.6	0.83	44.52
5.923	13.43	51.26	1.07	7.97	260.83	0.85	44.52
5.926	13.43	51.25	0.99	7.95	275.31	0.79	44.52
5.93	13.43	51.25	1.11	7.94	227.34	0.78	44.52
5.934	13.43	51.25	0.72	7.92	211.92	0.73	44.52
5.935	13.43	51.25	0.88	7.9	240.62	0.78	44.52
5.936	13.43	51.25	0.99	7.9	255.86	0.79	44.52



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.63	49.98	0.31	6.0	84.93	0.7	44.04
PROF (metros)	1.012	1.001	1.564	1.564	1.271	1.701	1.371
MÁXIMO	13.08	13.08	1.79	8.71	661.31	0.96	44.85
PROF (metros)	2.582	1.055	3.35	0.767	3.195	4.158	1.055

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	12.81	50.28	0.61	7.71	101.54	0.8	44.29
1 - 2m	12.98	50.42	0.55	6.53	96.26	0.77	44.23
2 - 3m	13.04	50.51	0.54	6.37	237.05	0.78	44.25
3 - 4m	13.0	50.61	0.93	6.71	439.5	0.85	44.39
4 - 5m	12.91	50.63	0.72	6.87	372.77	0.89	44.52

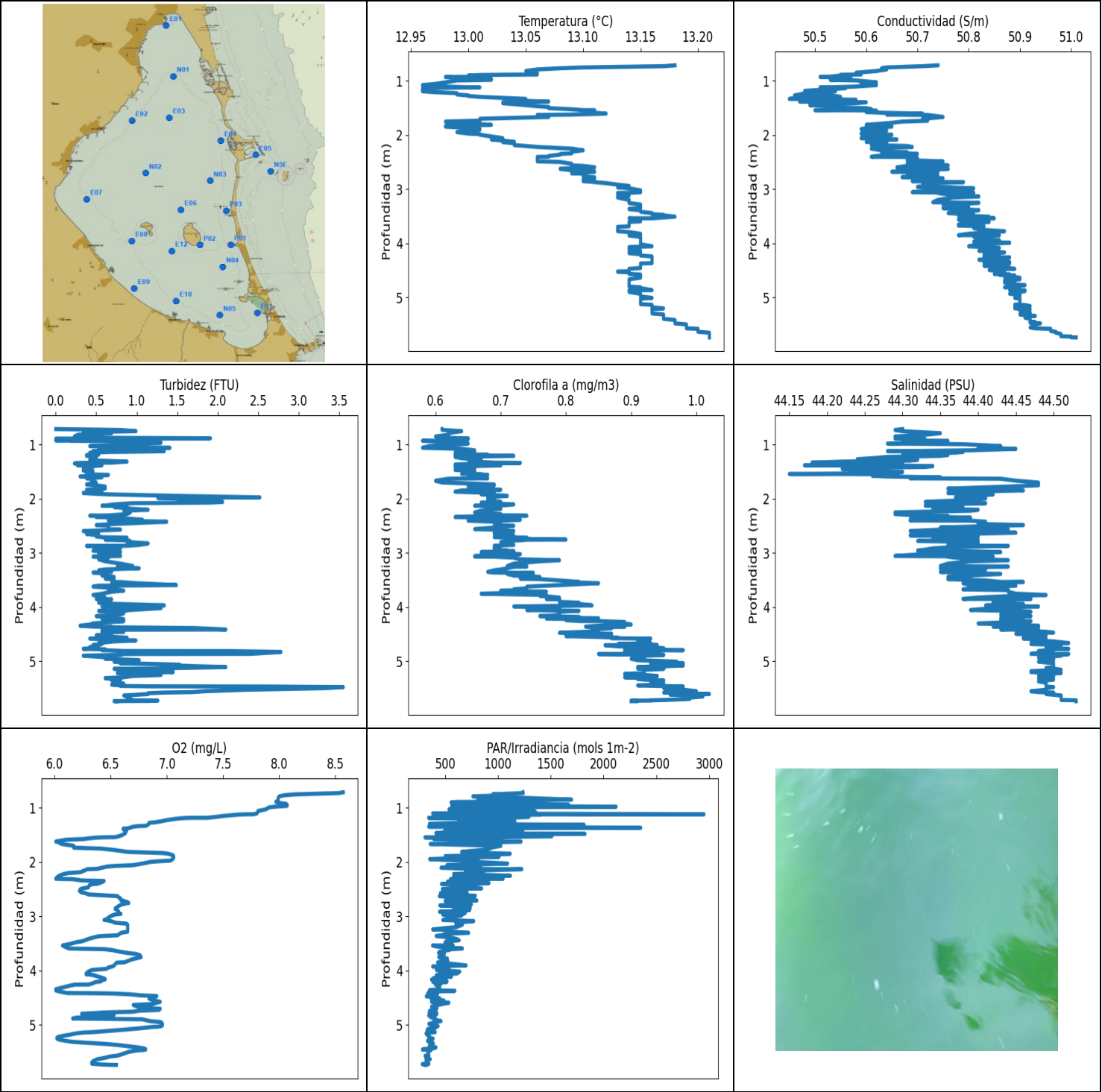
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.729	13.05	50.59	0.5	8.62	112.79	0.79	44.31
0.767	12.96	50.44	1.18	8.7	121.67	0.78	44.26
0.772	12.9	50.39	0.61	8.67	107.31	0.8	44.29
0.796	12.86	50.36	0.61	8.57	121.9	0.81	44.31
0.825	12.84	50.39	0.57	8.42	95.74	0.76	44.37
0.856	12.81	50.37	0.46	8.23	103.55	0.78	44.38
0.88	12.78	50.36	0.61	8.01	108.06	0.79	44.4
0.892	12.76	50.29	0.76	7.81	100.8	0.82	44.35
0.898	12.75	50.26	0.57	7.61	94.09	0.79	44.33
0.909	12.74	50.27	0.53	7.43	101.24	0.8	44.36
0.93	12.74	50.27	0.5	7.3	102.61	0.81	44.36
0.95	12.76	50.24	0.53	7.2	90.69	0.82	44.31
0.966	12.77	50.2	0.46	7.12	91.47	0.77	44.25
0.976	12.78	50.15	0.5	7.07	97.72	0.89	44.2
0.982	12.78	50.13	0.69	7.03	102.78	0.79	44.18
0.988	12.78	50.13	0.53	7.01	94.6	0.79	44.17
0.995	12.79	50.12	0.72	6.99	92.3	0.8	44.16
0.999	12.67	50.06	0.61	7.0	88.47	0.81	44.23
1.001	12.65	49.98	0.5	7.05	102.88	0.78	44.18
1.012	12.63	50.03	0.61	7.05	92.04	0.8	44.25
1.033	12.64	50.6	0.57	7.05	85.98	0.78	44.81
1.055	12.76	50.78	0.53	7.11	90.31	0.79	44.85
1.075	12.9	50.73	0.53	7.14	101.06	0.79	44.64
1.092	12.97	50.64	0.46	7.18	92.26	0.79	44.46
1.101	13.01	50.58	0.53	7.24	86.3	0.78	44.36
1.111	13.02	50.56	0.5	7.31	90.63	0.78	44.33
1.133	13.01	50.57	0.57	7.37	95.15	0.79	44.35
1.153	13.0	50.54	0.5	7.41	91.88	0.75	44.32
1.167	12.99	50.48	0.69	7.41	86.48	0.76	44.27
1.183	12.99	50.48	0.53	7.38	92.62	0.76	44.27
1.207	12.99	50.5	0.65	7.33	92.0	0.74	44.3
1.228	12.99	50.45	0.53	7.26	94.86	0.77	44.25
1.247	12.99	50.42	0.53	7.16	86.6	0.73	44.21
1.271	12.99	50.45	0.61	7.06	84.93	0.74	44.24
1.29	13.0	50.41	0.65	6.96	92.88	0.8	44.19
1.3	13.0	50.38	0.53	6.87	100.82	0.8	44.16
1.305	13.01	50.37	0.65	6.79	96.7	0.74	44.15

1.31	13.01	50.43	0.53	6.71	93.36	0.76	44.2
1.325	13.02	50.46	0.61	6.64	85.78	0.76	44.22
1.339	13.03	50.35	0.53	6.59	88.41	0.76	44.1
1.352	13.03	50.33	0.5	6.54	97.9	0.81	44.08
1.365	13.03	50.31	0.5	6.49	95.26	0.75	44.05
1.371	13.03	50.29	0.46	6.44	88.04	0.76	44.04
1.373	13.03	50.32	0.65	6.4	90.94	0.76	44.07
1.38	13.03	50.4	0.61	6.36	91.28	0.79	44.15
1.394	13.03	50.42	0.53	6.32	91.18	0.8	44.17
1.413	13.03	50.39	0.5	6.28	97.36	0.79	44.14
1.436	13.03	50.38	0.57	6.24	97.83	0.79	44.13
1.462	13.02	50.37	0.61	6.21	92.64	0.76	44.12
1.476	13.02	50.29	0.53	6.18	90.52	0.79	44.05
1.493	13.02	50.42	0.53	6.16	90.54	0.77	44.17
1.499	13.04	50.47	0.57	6.05	91.56	0.77	44.2
1.509	13.04	50.46	0.5	6.04	93.36	0.76	44.19
1.52	13.01	50.42	0.5	6.02	91.51	0.79	44.19
1.524	13.0	50.53	0.46	6.01	92.69	0.76	44.31
1.542	13.0	50.43	0.53	6.01	91.62	0.77	44.21
1.564	13.01	50.34	0.3	6.0	97.42	0.76	44.11
1.573	12.94	50.46	0.69	6.02	93.42	0.76	44.31
1.586	12.95	50.5	0.53	6.03	99.36	0.77	44.34
1.618	12.96	50.47	0.61	6.04	100.19	0.76	44.29
1.648	12.97	50.35	0.53	6.07	99.75	0.79	44.16
1.662	12.98	50.32	0.61	6.1	95.21	0.76	44.13
1.669	12.96	50.39	0.57	6.12	95.46	0.76	44.22
1.683	12.94	50.48	0.46	6.15	101.43	0.74	44.34
1.701	12.95	50.43	0.53	6.18	100.08	0.7	44.27
1.71	12.96	50.34	0.53	6.21	99.85	0.73	44.18
1.716	12.97	50.36	0.76	6.23	96.28	0.76	44.18
1.725	12.98	50.44	0.57	6.25	97.97	0.72	44.25
1.738	12.98	50.42	0.46	6.28	99.96	0.73	44.22
1.743	13.0	50.46	0.5	6.31	98.08	0.78	44.24
1.763	13.01	50.47	0.53	6.32	98.06	0.8	44.24
1.794	13.02	50.37	0.76	6.31	102.76	0.79	44.12
1.809	13.03	50.32	0.5	6.31	103.81	0.76	44.07
1.819	13.01	50.46	0.5	6.32	103.4	0.76	44.23
1.836	12.98	50.47	0.57	6.33	102.21	0.79	44.27
1.851	12.98	50.39	0.53	6.34	103.69	0.79	44.2
1.867	12.97	50.36	0.5	6.35	105.68	0.73	44.18
1.881	12.98	50.38	0.46	6.36	103.5	0.81	44.19
1.884	12.98	50.42	0.53	6.33	103.33	0.77	44.22
1.897	12.99	50.49	0.5	6.31	103.69	0.8	44.28
1.908	12.99	50.44	0.57	6.38	102.69	0.77	44.24
1.919	12.99	50.43	0.57	6.4	105.12	0.81	44.23
1.952	12.99	50.4	0.42	6.42	110.98	0.76	44.19
1.986	12.99	50.34	0.61	6.44	108.91	0.79	44.14
1.993	12.99	50.47	0.5	6.45	108.84	0.76	44.26
2.001	13.0	50.38	0.61	6.46	106.94	0.76	44.17
2.021	13.0	50.4	0.53	6.45	108.84	0.79	44.18
2.059	13.01	50.48	0.5	6.44	114.35	0.78	44.25
2.107	13.02	50.44	0.5	6.43	116.59	0.76	44.19
2.134	13.0	50.43	0.61	6.35	122.98	0.74	44.22
2.159	13.0	50.49	0.46	6.32	122.18	0.72	44.27
2.198	13.01	50.43	0.5	6.31	124.09	0.71	44.2
2.211	12.99	50.5	0.65	6.27	135.17	0.76	44.3
2.217	12.98	50.45	0.46	6.26	140.28	0.77	44.25
2.232	12.99	50.4	0.57	6.27	127.89	0.76	44.2

2.251	12.99	50.43	0.53	6.28	130.95	0.79	44.22
2.275	13.0	50.5	0.46	6.3	137.93	0.73	44.29
2.3	13.01	50.46	0.57	6.33	145.58	0.74	44.23
2.328	13.01	50.47	0.38	6.35	138.57	0.76	44.24
2.355	13.02	50.46	0.53	6.38	135.52	0.77	44.22
2.364	13.03	50.5	0.65	6.45	153.48	0.76	44.25
2.365	13.03	50.51	0.46	6.47	154.62	0.76	44.25
2.37	13.04	50.45	0.72	6.48	153.45	0.8	44.19
2.384	13.04	50.49	0.53	6.49	153.73	0.79	44.22
2.406	13.05	50.5	0.65	6.5	151.26	0.79	44.23
2.425	13.05	50.44	0.5	6.5	146.8	0.75	44.16
2.426	13.06	50.55	0.57	6.48	181.1	0.79	44.27
2.429	13.06	50.55	0.57	6.45	168.74	0.81	44.26
2.446	13.06	50.47	0.5	6.43	170.51	0.8	44.18
2.47	13.06	50.44	0.57	6.41	205.96	0.78	44.15
2.488	13.07	50.45	0.61	6.39	180.01	0.73	44.16
2.501	13.07	50.56	0.57	6.36	180.56	0.77	44.26
2.515	13.07	50.53	0.42	6.33	186.86	0.77	44.23
2.526	13.07	50.45	0.57	6.31	187.64	0.76	44.14
2.532	13.07	50.49	0.61	6.28	225.19	0.79	44.18
2.55	13.07	50.63	0.46	6.25	248.67	0.8	44.32
2.582	13.08	50.53	0.5	6.22	234.56	0.79	44.22
2.605	13.08	50.44	0.46	6.2	217.75	0.79	44.13
2.614	13.04	50.57	0.5	6.2	455.03	0.77	44.29
2.633	13.04	50.55	0.53	6.21	317.63	0.81	44.28
2.665	13.05	50.5	0.5	6.24	342.48	0.84	44.23
2.694	13.05	50.54	0.57	6.26	236.75	0.85	44.26
2.708	13.06	50.51	0.61	6.3	329.02	0.76	44.23
2.712	13.06	50.67	0.57	6.3	378.64	0.79	44.38
2.744	13.06	50.63	0.53	6.31	567.11	0.83	44.33
2.797	13.07	50.5	0.5	6.33	359.15	0.85	44.21
2.834	13.07	50.45	0.57	6.34	484.87	0.81	44.16
2.837	13.04	50.61	0.46	6.38	310.28	0.79	44.35
2.84	13.03	50.53	0.53	6.4	426.44	0.79	44.28
2.857	13.03	50.67	0.57	6.48	443.68	0.78	44.42
2.881	13.03	50.66	0.69	6.49	379.6	0.82	44.4
2.942	13.04	50.53	0.53	6.51	457.04	0.85	44.26
2.99	12.99	50.64	0.65	6.56	507.17	0.79	44.43
2.992	12.99	50.64	0.46	6.56	411.87	0.83	44.44
3.021	13.0	50.55	0.8	6.58	312.66	0.82	44.34
3.055	13.0	50.55	0.76	6.6	455.88	0.85	44.33
3.09	12.99	50.66	1.41	6.63	467.54	0.84	44.45
3.118	12.99	50.55	0.88	6.68	464.52	0.82	44.34
3.128	12.98	50.57	0.5	6.83	480.62	0.79	44.37
3.145	12.98	50.63	1.41	6.87	366.55	0.84	44.43
3.182	12.99	50.59	1.14	6.9	404.4	0.78	44.38
3.195	12.98	50.58	0.65	6.93	661.31	0.79	44.39
3.197	12.98	50.58	1.53	6.9	461.83	0.84	44.39
3.246	13.01	50.59	1.26	6.52	422.41	0.85	44.36
3.274	13.01	50.56	1.68	6.49	551.43	0.83	44.33
3.298	13.01	50.58	1.37	6.48	416.67	0.87	44.35
3.314	13.01	50.58	0.88	6.46	396.42	0.85	44.35
3.323	13.01	50.62	0.76	6.45	465.49	0.86	44.39
3.334	13.01	50.62	1.64	6.43	462.05	0.83	44.38
3.35	13.02	50.55	1.79	6.42	425.85	0.87	44.31
3.423	13.02	50.57	1.3	6.41	584.73	0.85	44.33
3.442	13.04	50.65	0.76	6.48	420.45	0.8	44.39
3.453	13.03	50.62	1.03	6.5	621.34	0.84	44.36

3.48	13.03	50.57	0.8	6.51	438.77	0.82	44.31
3.507	13.03	50.6	0.69	6.52	419.58	0.85	44.34
3.518	13.02	50.59	0.46	6.53	422.41	0.81	44.35
3.525	13.02	50.66	0.61	6.53	429.91	0.82	44.42
3.55	13.02	50.63	0.88	6.53	454.72	0.8	44.38
3.587	13.03	50.57	0.99	6.53	374.79	0.79	44.31
3.612	13.03	50.62	0.69	6.53	410.16	0.8	44.37
3.626	13.01	50.68	0.65	6.53	435.13	0.85	44.44
3.651	13.01	50.63	0.65	6.53	402.43	0.81	44.39
3.657	13.01	50.61	0.53	6.59	557.86	0.84	44.37
3.681	13.01	50.7	0.69	6.63	362.32	0.83	44.47
3.72	13.01	50.6	0.8	6.68	330.47	0.83	44.37
3.758	13.01	50.61	0.65	6.72	452.3	0.88	44.37
3.792	12.99	50.66	0.76	6.77	431.71	0.89	44.45
3.817	12.98	50.61	0.95	6.82	335.96	0.89	44.41
3.827	12.99	50.62	0.8	6.87	446.67	0.9	44.41
3.83	12.99	50.66	0.61	6.93	423.19	0.94	44.46
3.839	12.98	50.65	0.57	7.0	482.96	0.92	44.45
3.859	12.99	50.6	1.26	7.06	490.86	0.89	44.4
3.875	12.99	50.62	1.6	7.1	422.51	0.91	44.41
3.885	12.98	50.65	1.37	7.12	395.96	0.86	44.45
3.887	12.98	50.61	0.76	7.12	425.06	0.85	44.41
3.888	12.98	50.63	0.61	7.09	433.52	0.91	44.43
3.9	12.98	50.67	0.72	7.04	388.95	0.85	44.47
3.919	12.98	50.62	0.8	6.98	418.41	0.87	44.42
3.934	12.98	50.62	0.84	6.92	364.43	0.86	44.42
3.961	12.98	50.68	0.69	6.86	423.98	0.82	44.48
4.002	12.97	50.64	0.72	6.81	351.73	0.85	44.46
4.042	12.96	50.6	0.8	6.77	348.73	0.89	44.43
4.063	12.95	50.65	0.69	6.74	382.16	0.9	44.49
4.072	12.94	50.67	0.65	6.72	354.27	0.88	44.52
4.076	12.91	50.62	0.53	6.74	443.27	0.87	44.51
4.078	12.89	50.64	0.57	6.79	411.97	0.88	44.55
4.082	12.89	50.66	0.57	6.85	435.03	0.87	44.56
4.098	12.89	50.63	0.72	6.91	394.31	0.89	44.54
4.118	12.89	50.65	0.57	7.03	374.53	0.9	44.56
4.125	12.89	50.64	0.57	7.03	338.77	0.88	44.55
4.158	12.86	50.61	0.72	7.02	320.22	0.96	44.55
4.187	12.83	50.6	1.53	7.04	318.22	0.89	44.58



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.96	50.45	0.0	6.01	281.5	0.58	44.15
PROF (metros)	1.078	1.333	0.713	1.623	5.727	0.929	1.542
MÁXIMO	13.21	13.21	3.55	8.57	2952.3	1.02	44.53
PROF (metros)	5.653	5.74	5.48	0.713	1.119	5.608	5.723

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	13.04	50.59	0.85	8.05	1114.66	0.62	44.32
1 - 2m	13.03	50.57	0.59	6.84	882.87	0.66	44.32
2 - 3m	13.08	50.69	0.79	6.43	677.73	0.7	44.37
3 - 4m	13.15	50.8	0.69	6.49	519.3	0.75	44.41
4 - 5m	13.15	50.87	0.76	6.53	420.61	0.86	44.47
5 - 6m	13.18	50.93	1.21	6.49	347.53	0.95	44.5

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.713	13.18	50.74	0.0	8.57	1236.8	0.61	44.3
0.729	13.17	50.71	0.8	8.53	1239.1	0.61	44.29
0.752	13.1	50.64	0.99	8.15	948.93	0.64	44.3
0.767	13.08	50.63	0.34	8.05	1086.0	0.63	44.32
0.789	13.06	50.64	0.69	8.0	761.57	0.62	44.35
0.818	13.05	50.62	0.27	7.99	1260.2	0.62	44.33
0.85	13.06	50.58	0.23	7.99	1697.4	0.6	44.29
0.873	13.06	50.59	0.42	7.99	797.88	0.61	44.3
0.883	13.06	50.59	1.91	7.99	910.79	0.65	44.3
0.887	13.03	50.55	1.53	7.97	1188.4	0.64	44.29
0.892	13.01	50.55	0.0	7.97	614.61	0.64	44.32
0.902	13.0	50.55	1.18	7.99	554.38	0.65	44.33
0.922	13.01	50.53	0.0	8.03	1243.1	0.64	44.3
0.926	13.0	50.51	0.61	8.06	812.06	0.62	44.3
0.929	12.98	50.55	0.19	8.06	1305.1	0.58	44.36
0.942	12.99	50.57	0.95	8.07	1667.8	0.6	44.36
0.964	13.02	50.56	1.3	8.07	561.23	0.63	44.32
0.98	13.02	50.53	1.03	7.96	2119.4	0.65	44.28
0.992	12.99	50.58	1.11	7.91	924.4	0.64	44.38
1.028	12.98	50.62	0.42	7.88	534.81	0.59	44.43
1.059	12.97	50.59	1.41	7.81	1337.9	0.58	44.4
1.078	12.96	50.62	0.53	7.81	1356.3	0.64	44.45
1.105	12.98	50.58	1.03	7.8	379.78	0.66	44.39
1.119	13.0	50.53	0.46	7.77	2952.3	0.66	44.31
1.12	13.01	50.51	1.34	7.71	469.39	0.66	44.28
1.125	12.99	50.54	1.22	7.64	1407.5	0.66	44.34
1.135	12.96	50.56	0.65	7.58	881.91	0.65	44.38
1.148	12.96	50.54	0.42	7.51	550.41	0.63	44.37
1.167	12.96	50.51	0.42	7.44	1293.3	0.66	44.33
1.184	12.96	50.48	0.42	7.36	1121.8	0.66	44.31
1.185	12.97	50.48	0.53	7.2	341.69	0.68	44.3
1.192	12.96	50.54	0.38	7.13	1137.5	0.63	44.36
1.208	12.97	50.53	0.38	7.06	652.18	0.72	44.35
1.227	12.99	50.48	0.5	7.0	842.94	0.63	44.28
1.252	12.99	50.47	0.46	6.94	1159.3	0.64	44.26
1.269	13.0	50.46	0.5	6.89	620.33	0.66	44.24

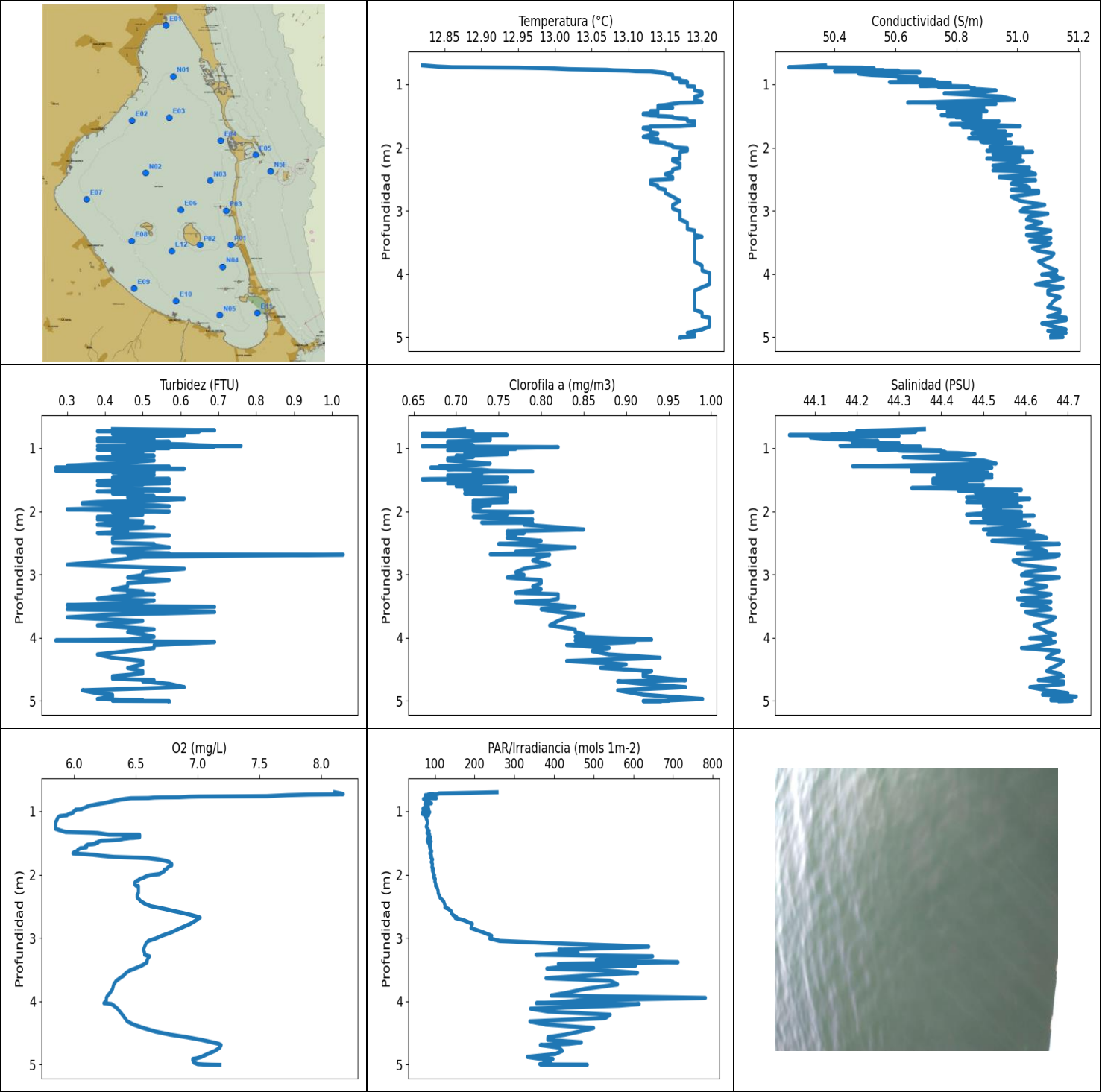
1.274	13.0	50.47	0.46	6.85	1121.3	0.67	44.24
1.279	13.0	50.54	0.42	6.84	587.72	0.65	44.32
1.296	13.01	50.55	0.53	6.84	349.29	0.66	44.31
1.314	13.03	50.48	0.88	6.83	1815.8	0.66	44.22
1.333	13.05	50.45	0.69	6.81	1067.5	0.69	44.18
1.338	13.05	50.48	0.3	6.74	789.06	0.73	44.2
1.348	13.05	50.58	0.23	6.7	342.8	0.67	44.3
1.368	13.05	50.57	0.53	6.67	2352.4	0.63	44.3
1.379	13.06	50.49	0.3	6.65	651.73	0.63	44.2
1.382	13.07	50.47	0.27	6.62	498.2	0.64	44.17
1.384	13.05	50.53	0.57	6.61	813.01	0.7	44.25
1.396	13.03	50.6	0.46	6.61	1007.4	0.66	44.34
1.413	13.03	50.58	0.46	6.63	1236.2	0.63	44.33
1.43	13.04	50.51	0.42	6.64	493.14	0.64	44.24
1.449	13.05	50.49	0.34	6.63	511.42	0.66	44.22
1.468	13.06	50.54	0.34	6.63	410.44	0.63	44.25
1.482	13.07	50.54	0.34	6.62	1824.3	0.66	44.24
1.49	13.07	50.53	0.46	6.61	540.05	0.66	44.23
1.504	13.07	50.6	0.38	6.6	549.77	0.66	44.3
1.525	13.09	50.61	0.42	6.57	1510.3	0.66	44.29
1.541	13.1	50.52	0.38	6.54	969.83	0.64	44.18
1.542	13.11	50.5	0.42	6.49	576.12	0.65	44.15
1.544	13.11	50.58	0.46	6.44	306.49	0.67	44.23
1.549	13.1	50.62	0.38	6.38	606.26	0.66	44.28
1.559	13.1	50.62	0.65	6.32	1032.7	0.68	44.28
1.576	13.1	50.6	0.42	6.26	389.4	0.66	44.26
1.589	13.11	50.63	0.3	6.1	893.02	0.66	44.28
1.605	13.12	50.71	0.57	6.06	566.72	0.65	44.35
1.623	13.09	50.64	0.38	6.01	1218.3	0.68	44.31
1.63	13.06	50.72	0.42	6.03	1088.0	0.62	44.43
1.667	13.07	50.75	0.46	6.06	356.66	0.6	44.45
1.7	13.01	50.71	0.5	6.17	1026.3	0.61	44.48
1.736	13.01	50.72	0.38	6.17	936.04	0.69	44.48
1.752	12.98	50.67	0.5	6.41	922.04	0.69	44.48
1.775	12.99	50.65	0.61	6.52	858.12	0.65	44.44
1.813	13.02	50.6	0.61	6.65	654.91	0.66	44.36
1.834	12.98	50.65	0.38	6.96	882.73	0.7	44.45
1.846	12.98	50.65	0.5	7.01	1115.3	0.64	44.46
1.871	13.0	50.6	0.57	7.05	912.48	0.63	44.38
1.892	13.01	50.59	0.34	7.06	498.89	0.69	44.36
1.903	13.01	50.61	0.42	7.06	1009.3	0.69	44.38
1.919	13.0	50.64	0.65	7.06	692.69	0.67	44.42
1.947	12.99	50.62	1.49	7.05	351.73	0.71	44.4
1.974	13.0	50.59	2.52	7.03	665.16	0.68	44.37
1.984	13.01	50.61	1.26	6.94	816.03	0.68	44.38
1.995	13.01	50.65	1.49	6.86	764.57	0.69	44.41
2.028	13.02	50.62	1.68	6.78	1090.5	0.68	44.38
2.058	13.03	50.59	2.06	6.7	514.63	0.7	44.33
2.071	13.03	50.64	1.91	6.54	832.84	0.67	44.38
2.082	13.02	50.66	0.95	6.47	667.78	0.68	44.41
2.105	13.03	50.61	0.72	6.42	459.38	0.72	44.35
2.126	13.04	50.6	0.61	6.38	761.39	0.7	44.33
2.13	13.03	50.62	0.57	6.31	925.25	0.66	44.36
2.132	13.03	50.64	0.88	6.29	1225.3	0.68	44.38
2.152	13.04	50.63	0.72	6.27	879.05	0.69	44.37
2.187	13.04	50.61	0.95	6.23	689.33	0.7	44.34
2.203	13.05	50.68	1.14	6.12	858.52	0.68	44.4
2.221	13.06	50.69	0.84	6.08	578.66	0.67	44.39

2.252	13.09	50.61	0.92	6.04	1117.6	0.66	44.29
2.283	13.1	50.63	0.88	6.02	575.86	0.7	44.29
2.308	13.09	50.65	0.65	6.01	1047.6	0.69	44.32
2.313	13.09	50.63	0.42	6.08	744.81	0.74	44.31
2.315	13.09	50.68	0.5	6.16	548.24	0.68	44.36
2.339	13.09	50.68	0.5	6.24	599.41	0.63	44.36
2.349	13.08	50.7	0.84	6.44	874.79	0.68	44.39
2.362	13.08	50.66	0.84	6.43	519.78	0.69	44.35
2.387	13.07	50.62	1.07	6.4	914.38	0.73	44.31
2.402	13.07	50.61	0.65	6.38	632.97	0.71	44.31
2.405	13.06	50.68	0.8	6.34	463.76	0.65	44.39
2.424	13.06	50.7	1.37	6.31	587.18	0.69	44.41
2.466	13.06	50.68	0.72	6.3	788.14	0.7	44.4
2.487	13.06	50.75	0.5	6.25	843.92	0.69	44.46
2.498	13.08	50.74	0.65	6.23	472.12	0.72	44.43
2.532	13.09	50.68	0.65	6.22	664.54	0.69	44.35
2.562	13.09	50.76	0.65	6.24	706.96	0.66	44.44
2.571	13.1	50.68	0.8	6.27	454.3	0.69	44.35
2.597	13.11	50.66	0.34	6.3	468.08	0.72	44.31
2.622	13.08	50.71	0.46	6.52	784.68	0.69	44.39
2.628	13.08	50.76	0.53	6.56	442.86	0.7	44.45
2.651	13.09	50.7	0.38	6.57	551.3	0.69	44.37
2.677	13.11	50.65	0.53	6.59	679.33	0.72	44.31
2.698	13.1	50.74	0.5	6.59	753.84	0.72	44.4
2.709	13.09	50.7	0.57	6.59	799.0	0.69	44.37
2.712	13.1	50.68	0.61	6.61	570.41	0.71	44.34
2.718	13.1	50.72	0.88	6.61	497.85	0.74	44.38
2.731	13.1	50.73	0.88	6.64	635.03	0.73	44.39
2.747	13.1	50.68	0.88	6.65	575.32	0.75	44.34
2.754	13.1	50.69	0.61	6.66	569.75	0.8	44.35
2.756	13.1	50.74	0.61	6.64	563.84	0.74	44.4
2.767	13.1	50.73	0.84	6.63	645.41	0.73	44.39
2.78	13.11	50.67	0.92	6.6	747.23	0.71	44.32
2.799	13.11	50.75	0.88	6.58	448.54	0.7	44.4
2.825	13.1	50.73	1.14	6.56	734.69	0.71	44.4
2.853	13.1	50.69	1.03	6.54	736.06	0.72	44.36
2.868	13.11	50.75	0.88	6.54	577.86	0.69	44.4
2.871	13.11	50.79	0.38	6.55	587.72	0.7	44.44
2.889	13.12	50.73	0.61	6.56	729.94	0.69	44.37
2.917	13.13	50.71	0.8	6.57	445.23	0.69	44.34
2.941	13.14	50.71	0.76	6.57	688.85	0.69	44.33
2.955	13.14	50.71	0.61	6.59	670.57	0.71	44.32
2.96	13.14	50.7	0.46	6.57	558.37	0.69	44.32
2.965	13.13	50.76	0.5	6.54	474.42	0.72	44.38
2.986	13.14	50.81	0.8	6.51	655.51	0.67	44.43
3.022	13.15	50.73	0.53	6.48	509.64	0.73	44.33
3.057	13.15	50.69	0.8	6.46	600.53	0.66	44.29
3.068	13.14	50.81	0.53	6.44	477.18	0.66	44.42
3.07	13.13	50.74	0.46	6.46	497.51	0.69	44.36
3.088	13.13	50.75	0.65	6.5	769.37	0.72	44.37
3.119	13.14	50.79	0.53	6.54	598.86	0.73	44.4
3.136	13.13	50.82	0.57	6.64	600.25	0.79	44.44
3.155	13.13	50.77	0.61	6.65	661.77	0.76	44.39
3.199	13.14	50.74	0.8	6.65	605.14	0.72	44.36
3.242	13.14	50.73	0.95	6.65	380.39	0.71	44.35
3.252	13.14	50.82	0.88	6.65	552.32	0.74	44.44
3.257	13.14	50.81	0.76	6.65	517.02	0.72	44.42
3.284	13.15	50.75	1.03	6.65	565.93	0.71	44.35

3.306	13.15	50.8	0.61	6.59	721.03	0.7	44.41
3.322	13.15	50.8	0.53	6.58	502.72	0.69	44.4
3.351	13.15	50.75	0.69	6.56	466.46	0.68	44.35
3.363	13.14	50.77	0.46	6.43	414.07	0.69	44.38
3.37	13.14	50.78	0.53	6.39	443.48	0.75	44.38
3.389	13.15	50.82	0.61	6.35	540.67	0.71	44.43
3.418	13.15	50.8	0.57	6.3	606.68	0.72	44.39
3.443	13.16	50.76	0.72	6.27	631.36	0.76	44.36
3.463	13.16	50.8	0.72	6.24	507.05	0.76	44.39
3.475	13.17	50.81	0.61	6.2	512.37	0.73	44.39
3.485	13.17	50.78	0.69	6.18	496.81	0.76	44.36
3.509	13.18	50.84	0.72	6.14	556.31	0.79	44.41
3.538	13.16	50.84	0.69	6.07	573.72	0.82	44.43
3.539	13.14	50.85	0.8	6.07	378.99	0.8	44.46
3.56	13.15	50.78	0.99	6.09	428.13	0.85	44.38
3.595	13.15	50.79	1.49	6.13	661.93	0.79	44.39
3.606	13.14	50.84	0.53	6.44	558.5	0.77	44.45
3.623	13.14	50.82	0.46	6.51	532.34	0.74	44.43
3.653	13.14	50.78	0.76	6.58	448.44	0.74	44.39
3.674	13.14	50.78	0.65	6.64	435.13	0.72	44.38
3.687	13.14	50.83	0.8	6.69	491.66	0.74	44.44
3.697	13.13	50.82	0.84	6.73	462.37	0.7	44.44
3.719	13.13	50.81	0.69	6.76	486.44	0.77	44.44
3.754	13.13	50.83	0.57	6.77	437.66	0.67	44.45
3.778	13.13	50.87	0.46	6.72	519.78	0.77	44.49
3.793	13.14	50.84	0.53	6.69	459.7	0.76	44.45
3.825	13.15	50.8	0.61	6.65	524.38	0.79	44.4
3.85	13.15	50.78	0.57	6.62	427.73	0.79	44.38
3.852	13.14	50.86	0.5	6.58	438.98	0.77	44.47
3.857	13.14	50.83	0.69	6.55	447.5	0.79	44.44
3.881	13.15	50.81	0.61	6.54	580.14	0.79	44.42
3.906	13.15	50.82	0.65	6.53	697.2	0.79	44.42
3.92	13.15	50.83	0.53	6.52	437.15	0.82	44.42
3.927	13.15	50.84	0.57	6.51	380.22	0.8	44.44
3.943	13.15	50.86	0.76	6.48	471.02	0.82	44.46
3.97	13.15	50.81	1.34	6.46	534.69	0.84	44.41
3.99	13.15	50.88	0.57	6.33	416.48	0.72	44.48
4.02	13.15	50.82	1.3	6.3	637.09	0.79	44.42
4.055	13.16	50.8	0.92	6.28	612.05	0.74	44.39
4.071	13.14	50.83	0.84	6.28	438.16	0.82	44.44
4.073	13.14	50.83	0.53	6.31	533.08	0.81	44.45
4.088	13.14	50.86	0.69	6.35	413.88	0.79	44.47
4.114	13.14	50.83	0.84	6.39	557.99	0.79	44.44
4.139	13.15	50.82	0.8	6.43	387.6	0.79	44.43
4.157	13.15	50.86	0.69	6.45	442.35	0.78	44.46
4.163	13.14	50.84	0.53	6.45	462.69	0.76	44.45
4.168	13.14	50.87	0.5	6.44	368.93	0.76	44.47
4.183	13.14	50.84	0.61	6.42	502.84	0.82	44.45
4.202	13.15	50.83	0.57	6.41	516.9	0.82	44.43
4.208	13.15	50.86	0.57	6.38	389.86	0.85	44.46
4.21	13.15	50.85	0.65	6.37	381.81	0.78	44.45
4.215	13.15	50.86	0.57	6.36	508.93	0.77	44.46
4.226	13.15	50.86	0.84	6.35	429.72	0.85	44.46
4.243	13.16	50.83	0.72	6.33	408.45	0.8	44.43
4.259	13.16	50.84	0.61	6.3	454.61	0.82	44.43
4.26	13.16	50.88	0.84	6.18	406.46	0.85	44.47
4.277	13.16	50.86	0.69	6.14	429.72	0.89	44.45
4.303	13.16	50.82	0.46	6.09	441.94	0.89	44.4

4.325	13.16	50.85	0.42	6.05	447.71	0.9	44.44
4.345	13.16	50.88	0.3	6.01	443.89	0.85	44.48
4.362	13.16	50.83	0.46	6.01	349.62	0.83	44.42
4.367	13.16	50.84	0.69	6.01	408.64	0.89	44.43
4.373	13.15	50.88	0.65	6.02	591.0	0.85	44.48
4.39	13.15	50.87	1.72	6.05	352.38	0.87	44.47
4.415	13.15	50.83	2.1	6.11	335.26	0.84	44.43
4.42	13.15	50.87	0.57	6.4	360.65	0.85	44.48
4.425	13.15	50.84	0.84	6.53	427.33	0.84	44.45
4.437	13.15	50.86	0.76	6.66	375.58	0.85	44.46
4.458	13.15	50.88	0.84	6.77	325.76	0.83	44.49
4.471	13.14	50.89	0.57	6.91	334.01	0.8	44.5
4.477	13.14	50.87	0.57	6.9	319.7	0.79	44.48
4.494	13.14	50.84	0.69	6.88	399.74	0.87	44.45
4.509	13.14	50.86	0.65	6.85	441.73	0.85	44.47
4.517	13.14	50.87	0.65	6.84	367.91	0.82	44.49
4.521	13.13	50.86	0.5	6.84	450.21	0.85	44.48
4.525	13.13	50.87	0.57	6.85	425.06	0.82	44.48
4.537	13.14	50.87	0.65	6.86	370.48	0.8	44.49
4.552	13.14	50.86	0.69	6.89	486.22	0.85	44.47
4.566	13.14	50.85	0.88	6.92	447.19	0.88	44.46
4.577	13.15	50.88	0.61	6.94	369.45	0.87	44.48
4.583	13.15	50.86	0.42	6.93	440.3	0.93	44.46
4.593	13.15	50.89	0.53	6.91	534.44	0.91	44.49
4.619	13.15	50.87	0.99	6.87	468.3	0.92	44.47
4.635	13.15	50.9	0.72	6.7	434.42	0.91	44.5
4.666	13.14	50.9	0.53	6.74	370.3	0.93	44.52
4.684	13.14	50.87	0.57	6.76	396.05	0.88	44.47
4.702	13.14	50.89	0.46	6.91	420.65	0.94	44.51
4.705	13.14	50.89	0.53	6.94	375.66	0.86	44.5
4.726	13.14	50.87	0.53	6.93	406.46	0.88	44.49
4.74	13.14	50.88	0.42	6.76	352.14	0.92	44.49
4.76	13.14	50.89	0.46	6.69	368.08	0.95	44.5
4.773	13.14	50.91	0.34	6.44	346.23	0.92	44.52
4.782	13.14	50.88	0.61	6.38	419.19	0.89	44.49
4.798	13.14	50.89	0.57	6.24	381.01	0.98	44.5
4.8	13.14	50.88	0.65	6.25	418.51	0.95	44.49
4.813	13.15	50.87	0.84	6.27	411.39	0.94	44.48
4.815	13.15	50.89	2.17	6.53	413.98	0.89	44.49
4.83	13.15	50.9	2.78	6.48	342.48	0.9	44.49
4.866	13.16	50.88	2.4	6.43	367.23	0.9	44.47
4.868	13.14	50.91	0.84	6.2	401.13	0.85	44.52
4.884	13.14	50.91	0.8	6.16	393.49	0.95	44.51
4.899	13.14	50.9	0.34	6.78	390.94	0.92	44.51
4.933	13.15	50.88	0.65	6.85	459.91	0.92	44.48
4.95	13.15	50.9	0.65	6.94	399.55	0.92	44.5
4.955	13.15	50.9	0.61	6.95	411.3	0.9	44.5
4.982	13.15	50.9	1.03	6.96	344.47	0.91	44.5
5.009	13.16	50.89	0.72	6.96	364.85	0.97	44.48
5.025	13.15	50.9	0.8	6.95	431.41	0.93	44.49
5.035	13.15	50.9	1.03	6.92	382.87	0.93	44.5
5.04	13.15	50.9	0.8	6.87	388.32	0.98	44.5
5.051	13.15	50.9	1.18	6.82	410.16	0.93	44.5
5.065	13.15	50.9	1.53	6.76	380.92	0.97	44.5
5.08	13.15	50.9	1.49	6.68	332.39	0.98	44.5
5.094	13.15	50.9	1.72	6.6	344.87	0.95	44.5
5.109	13.15	50.9	2.1	6.51	326.66	0.91	44.5
5.125	13.15	50.9	1.56	6.42	392.85	0.95	44.49

5.136	13.16	50.89	1.22	6.34	404.68	0.91	44.49
5.142	13.16	50.91	0.72	6.26	364.51	0.95	44.5
5.159	13.16	50.92	1.34	6.19	317.26	0.92	44.51
5.185	13.16	50.89	1.34	6.13	326.82	0.92	44.47
5.202	13.17	50.89	1.45	6.08	340.27	0.92	44.47
5.219	13.16	50.92	0.76	6.04	352.88	0.92	44.51
5.237	13.16	50.9	1.26	6.02	343.83	0.89	44.49
5.255	13.16	50.9	1.3	6.02	384.56	0.92	44.48
5.274	13.16	50.92	0.95	6.04	367.48	0.94	44.5
5.297	13.16	50.92	0.84	6.1	331.24	0.89	44.5
5.315	13.17	50.9	0.61	6.16	343.12	0.92	44.48
5.329	13.17	50.91	0.69	6.26	353.04	0.91	44.49
5.341	13.17	50.93	0.8	6.36	386.53	0.92	44.5
5.356	13.17	50.91	0.69	6.47	380.84	0.95	44.49
5.375	13.17	50.91	0.76	6.57	352.79	0.93	44.48
5.397	13.17	50.92	0.72	6.66	348.32	0.94	44.49
5.417	13.18	50.92	0.84	6.74	411.87	0.95	44.49
5.433	13.18	50.92	0.69	6.79	390.58	0.94	44.49
5.448	13.18	50.92	0.8	6.81	297.19	0.91	44.49
5.458	13.18	50.93	0.8	6.81	283.33	0.94	44.49
5.465	13.18	50.92	1.14	6.79	356.57	0.97	44.49
5.469	13.18	50.92	2.59	6.75	364.94	0.98	44.49
5.48	13.18	50.94	3.55	6.71	332.62	0.95	44.5
5.499	13.19	50.93	3.32	6.66	340.98	0.95	44.49
5.528	13.19	50.93	2.36	6.62	338.06	0.98	44.49
5.556	13.19	50.92	1.83	6.58	343.83	1.0	44.47
5.572	13.19	50.93	1.68	6.55	308.7	0.99	44.48
5.58	13.2	50.96	1.34	6.51	344.07	0.95	44.5
5.592	13.2	50.96	1.14	6.48	336.42	0.98	44.5
5.608	13.2	50.96	1.14	6.45	315.28	1.02	44.49
5.621	13.2	50.96	0.99	6.42	329.86	0.96	44.5
5.635	13.2	50.97	0.84	6.38	357.57	1.01	44.51
5.653	13.21	50.97	0.88	6.36	317.12	1.01	44.51
5.674	13.21	50.98	0.88	6.34	321.56	0.99	44.51
5.698	13.21	50.98	0.92	6.33	325.15	0.99	44.51
5.718	13.21	50.98	0.95	6.33	344.95	0.95	44.51
5.723	13.21	51.0	0.95	6.36	291.59	0.93	44.53
5.727	13.21	51.0	1.26	6.38	281.5	0.93	44.53
5.731	13.21	51.0	1.26	6.41	316.53	0.9	44.53
5.735	13.21	51.0	1.14	6.45	332.78	0.91	44.53
5.738	13.21	51.0	0.72	6.49	322.45	0.91	44.53
5.74	13.21	51.01	0.76	6.55	312.52	0.9	44.53



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.82	50.25	0.27	5.85	68.12	0.66	44.04
PROF (metros)	0.7	0.73	1.309	1.164	1.023	0.771	0.794
MÁXIMO	13.21	13.21	1.03	8.18	781.59	0.99	44.72
PROF (metros)	3.984	4.69	2.685	0.73	3.946	4.969	4.932

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	13.09	50.56	0.53	6.7	89.28	0.71	44.23
1 - 2m	13.16	50.85	0.46	6.22	86.35	0.72	44.45
2 - 3m	13.16	51.0	0.48	6.66	128.1	0.78	44.58
3 - 4m	13.19	51.08	0.47	6.47	488.0	0.81	44.63
4 - 5m	13.2	51.12	0.46	6.76	419.13	0.91	44.66
5 - 6m	13.17	51.12	0.57	7.15	426.5	0.93	44.69

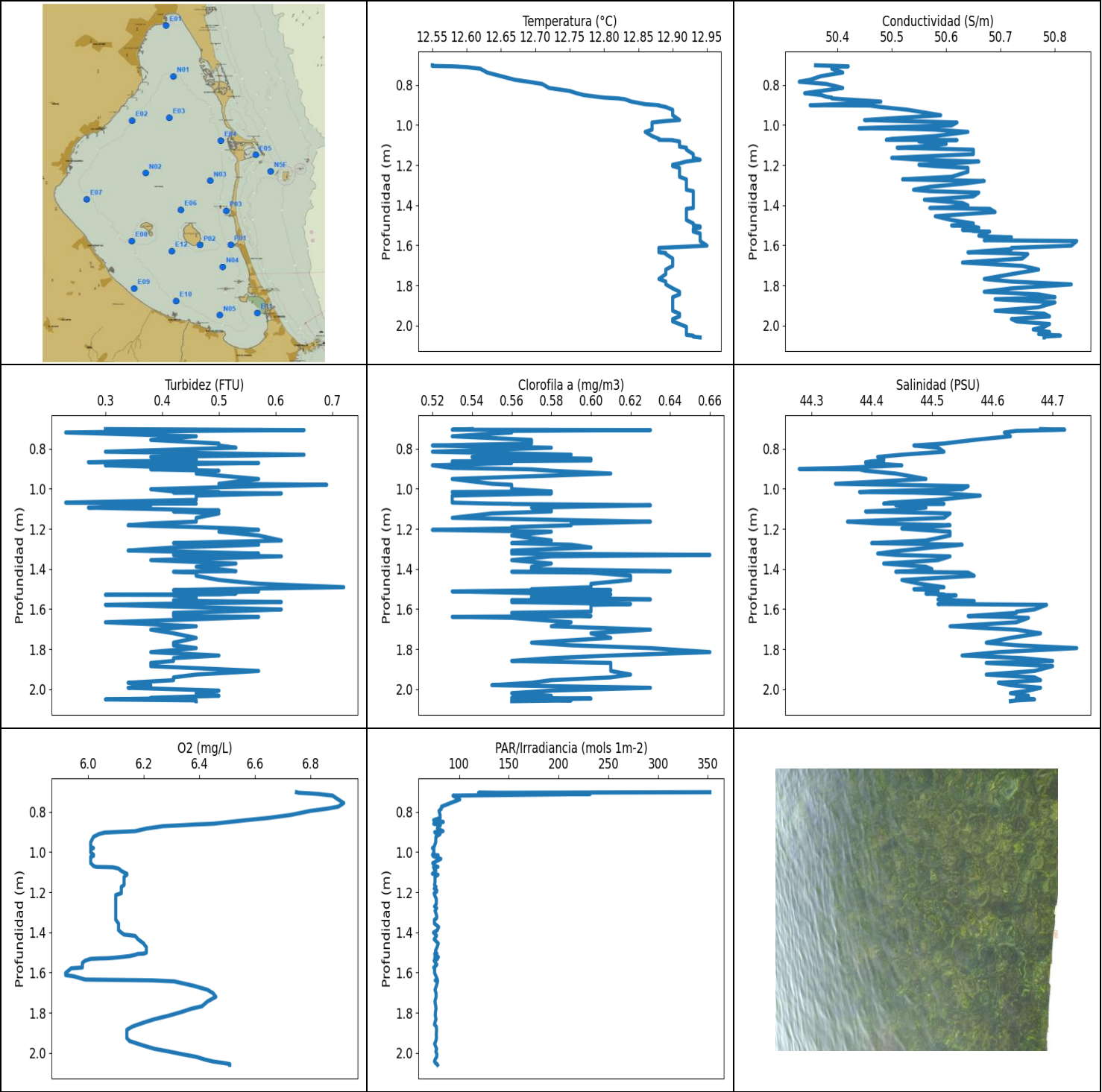
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	12.82	50.37	0.42	8.11	256.4	0.71	44.36
0.719	12.84	50.3	0.69	8.16	109.42	0.69	44.27
0.73	12.86	50.25	0.46	8.18	107.28	0.71	44.2
0.733	12.89	50.29	0.53	8.13	84.17	0.71	44.21
0.734	12.91	50.41	0.38	8.04	96.23	0.69	44.3
0.737	12.95	50.49	0.65	7.9	94.25	0.72	44.34
0.746	12.99	50.53	0.57	7.73	75.62	0.71	44.33
0.761	13.02	50.44	0.46	7.56	77.81	0.71	44.2
0.768	13.06	50.46	0.53	7.01	86.48	0.69	44.18
0.771	13.07	50.51	0.57	6.93	94.18	0.66	44.21
0.779	13.08	50.56	0.42	6.85	78.77	0.69	44.25
0.781	13.09	50.47	0.46	6.7	95.9	0.72	44.14
0.784	13.1	50.61	0.61	6.65	87.65	0.67	44.28
0.792	13.11	50.59	0.5	6.6	94.01	0.76	44.24
0.794	13.12	50.4	0.46	6.51	103.74	0.73	44.04
0.795	13.13	50.53	0.61	6.46	92.82	0.72	44.16
0.806	13.14	50.68	0.46	6.41	71.02	0.66	44.3
0.818	13.15	50.48	0.5	6.37	84.85	0.72	44.09
0.832	13.15	50.48	0.53	6.33	84.5	0.74	44.09
0.85	13.16	50.52	0.38	6.29	83.01	0.74	44.12
0.865	13.16	50.59	0.46	6.26	76.08	0.72	44.18
0.875	13.16	50.6	0.53	6.23	91.28	0.74	44.19
0.888	13.16	50.67	0.38	6.19	74.52	0.71	44.25
0.9	13.16	50.63	0.57	6.16	78.17	0.69	44.22
0.908	13.17	50.61	0.53	6.14	76.91	0.71	44.19
0.922	13.17	50.72	0.46	6.11	83.14	0.69	44.3
0.942	13.17	50.73	0.61	6.09	77.11	0.7	44.3
0.957	13.18	50.64	0.65	6.07	69.84	0.72	44.21
0.964	13.17	50.58	0.69	6.06	84.32	0.68	44.16
0.967	13.17	50.59	0.76	6.06	73.84	0.67	44.17
0.97	13.17	50.74	0.38	6.05	69.76	0.66	44.31
0.972	13.18	50.71	0.57	6.03	74.84	0.7	44.28
0.975	13.18	50.78	0.69	6.01	74.96	0.69	44.35
0.985	13.18	50.7	0.5	6.01	77.47	0.82	44.27
0.999	13.18	50.78	0.57	6.0	84.38	0.77	44.35
1.014	13.18	50.73	0.46	5.99	87.0	0.77	44.3

1.023	13.18	50.68	0.38	5.99	68.12	0.7	44.25
1.03	13.18	50.79	0.46	5.98	80.43	0.72	44.36
1.036	13.19	50.84	0.53	5.97	85.09	0.69	44.4
1.04	13.19	50.74	0.46	5.97	81.31	0.72	44.3
1.044	13.19	50.75	0.42	5.96	68.94	0.73	44.31
1.051	13.19	50.84	0.42	5.95	80.13	0.76	44.4
1.065	13.19	50.86	0.46	5.94	83.99	0.71	44.41
1.075	13.19	50.85	0.5	5.89	75.17	0.76	44.4
1.08	13.19	50.88	0.42	5.88	75.03	0.75	44.44
1.097	13.19	50.93	0.46	5.87	78.48	0.76	44.48
1.123	13.2	50.88	0.53	5.86	78.15	0.7	44.43
1.144	13.2	50.76	0.38	5.86	80.39	0.72	44.31
1.164	13.2	50.84	0.38	5.85	80.88	0.69	44.38
1.197	13.19	50.95	0.53	5.85	80.92	0.69	44.5
1.245	13.19	50.99	0.42	5.85	78.02	0.74	44.53
1.28	13.2	50.73	0.3	5.85	82.3	0.71	44.28
1.289	13.19	50.64	0.38	5.87	81.71	0.68	44.19
1.293	13.17	50.89	0.57	5.87	80.62	0.71	44.47
1.309	13.16	50.93	0.27	5.9	85.48	0.67	44.52
1.328	13.15	50.74	0.61	5.93	81.07	0.71	44.33
1.339	13.14	50.8	0.38	6.14	82.26	0.69	44.41
1.344	13.15	50.89	0.46	6.19	79.95	0.73	44.5
1.358	13.15	50.78	0.27	6.24	86.4	0.74	44.38
1.37	13.16	50.74	0.53	6.28	84.25	0.79	44.33
1.372	13.14	50.79	0.53	6.53	85.94	0.74	44.4
1.386	13.14	50.89	0.42	6.53	83.8	0.72	44.51
1.409	13.14	50.8	0.5	6.53	88.86	0.73	44.42
1.42	13.14	50.82	0.5	6.48	84.05	0.72	44.43
1.422	13.13	50.9	0.53	6.45	82.39	0.72	44.52
1.428	13.13	50.77	0.46	6.43	87.29	0.72	44.39
1.434	13.13	50.77	0.46	6.4	87.65	0.69	44.39
1.449	13.14	50.87	0.46	6.37	80.82	0.7	44.48
1.463	13.12	50.84	0.42	6.24	80.78	0.76	44.47
1.466	13.12	50.88	0.42	6.22	84.54	0.72	44.52
1.477	13.12	50.79	0.46	6.2	90.38	0.69	44.42
1.488	13.13	50.75	0.5	6.19	87.02	0.69	44.38
1.49	13.13	50.78	0.57	6.19	82.14	0.67	44.4
1.494	13.14	50.88	0.5	6.18	86.0	0.66	44.5
1.499	13.14	50.78	0.42	6.19	88.98	0.71	44.4
1.501	13.14	50.77	0.53	6.18	88.04	0.74	44.38
1.506	13.15	50.86	0.57	6.17	84.19	0.71	44.46
1.513	13.16	50.82	0.42	6.17	86.78	0.72	44.41
1.52	13.16	50.8	0.38	6.15	88.12	0.72	44.39
1.523	13.16	50.8	0.46	6.13	87.25	0.72	44.38
1.526	13.16	50.88	0.46	6.11	89.52	0.76	44.46
1.54	13.17	50.87	0.5	6.1	85.98	0.73	44.45
1.548	13.18	50.87	0.42	6.09	87.0	0.72	44.43
1.55	13.18	50.82	0.42	6.1	88.35	0.73	44.38
1.557	13.18	50.83	0.57	6.1	86.72	0.69	44.4
1.569	13.18	50.88	0.5	6.1	88.16	0.72	44.44
1.582	13.18	50.88	0.5	6.07	89.33	0.72	44.44
1.584	13.19	50.94	0.38	6.05	86.94	0.72	44.5
1.607	13.19	50.92	0.46	6.03	89.83	0.7	44.48
1.633	13.19	50.78	0.42	6.02	91.75	0.77	44.33
1.646	13.19	50.89	0.46	6.0	89.29	0.76	44.44
1.662	13.17	51.01	0.57	5.99	87.21	0.71	44.59
1.666	13.13	50.95	0.42	5.99	90.12	0.72	44.57
1.671	13.13	50.82	0.57	6.01	89.48	0.72	44.44

1.673	13.13	50.82	0.46	6.04	88.16	0.72	44.44
1.678	13.13	50.93	0.42	6.09	89.62	0.77	44.57
1.687	13.12	50.87	0.38	6.15	90.65	0.77	44.51
1.703	13.12	50.85	0.5	6.22	90.14	0.72	44.48
1.721	13.13	50.88	0.42	6.32	91.51	0.71	44.51
1.733	13.13	50.87	0.5	6.51	89.6	0.74	44.49
1.742	13.13	50.96	0.46	6.6	90.82	0.76	44.58
1.761	13.13	50.89	0.53	6.68	94.12	0.76	44.51
1.778	13.14	50.85	0.46	6.73	92.56	0.76	44.46
1.802	13.13	50.98	0.61	6.77	90.58	0.76	44.61
1.832	13.12	50.93	0.53	6.79	93.77	0.72	44.56
1.854	13.13	50.84	0.38	6.79	93.53	0.76	44.46
1.869	13.14	50.96	0.34	6.77	92.62	0.72	44.58
1.885	13.13	50.96	0.34	6.76	92.28	0.72	44.58
1.904	13.13	50.88	0.53	6.75	95.72	0.74	44.5
1.92	13.14	50.89	0.57	6.74	93.64	0.72	44.5
1.925	13.15	50.98	0.42	6.73	96.41	0.72	44.59
1.929	13.15	50.93	0.46	6.73	95.24	0.73	44.53
1.944	13.15	50.92	0.5	6.73	93.81	0.72	44.52
1.968	13.16	50.95	0.3	6.71	95.57	0.72	44.54
1.991	13.16	50.91	0.5	6.69	97.0	0.72	44.5
2.003	13.17	50.99	0.57	6.64	96.79	0.73	44.57
2.011	13.18	51.02	0.42	6.61	99.04	0.79	44.59
2.03	13.18	50.94	0.46	6.58	97.38	0.75	44.5
2.051	13.18	50.9	0.5	6.56	97.47	0.76	44.46
2.069	13.17	51.05	0.46	6.53	100.92	0.74	44.62
2.089	13.17	50.95	0.38	6.52	100.36	0.72	44.53
2.105	13.17	50.92	0.46	6.5	99.45	0.74	44.5
2.128	13.17	51.01	0.38	6.49	101.01	0.79	44.59
2.156	13.17	50.96	0.5	6.49	102.38	0.77	44.53
2.174	13.17	50.9	0.42	6.5	101.83	0.78	44.47
2.179	13.17	51.0	0.5	6.51	101.6	0.73	44.58
2.18	13.16	51.01	0.5	6.52	102.64	0.77	44.6
2.184	13.16	50.92	0.42	6.52	104.03	0.79	44.51
2.212	13.16	51.02	0.38	6.52	105.8	0.78	44.61
2.254	13.17	50.98	0.53	6.52	107.81	0.82	44.56
2.288	13.17	50.92	0.42	6.52	108.13	0.85	44.5
2.318	13.17	51.04	0.46	6.51	109.83	0.76	44.62
2.346	13.16	51.01	0.38	6.51	112.45	0.78	44.6
2.362	13.16	50.92	0.46	6.51	112.56	0.76	44.51
2.381	13.16	51.04	0.57	6.52	115.41	0.77	44.63
2.422	13.15	51.06	0.42	6.54	121.9	0.76	44.65
2.468	13.16	50.94	0.42	6.58	124.44	0.8	44.52
2.498	13.16	51.0	0.42	6.62	126.15	0.79	44.58
2.518	13.13	51.06	0.53	6.67	124.93	0.75	44.68
2.541	13.13	50.99	0.53	6.73	133.65	0.79	44.62
2.573	13.13	50.98	0.57	6.8	140.38	0.84	44.6
2.606	13.14	51.03	0.42	6.88	141.75	0.8	44.64
2.639	13.14	51.04	0.42	6.95	145.28	0.77	44.65
2.666	13.15	50.98	0.57	7.0	153.87	0.79	44.58
2.68	13.15	51.0	0.46	7.02	151.01	0.74	44.6
2.685	13.15	51.07	1.03	7.01	151.12	0.81	44.68
2.718	13.15	51.07	0.5	6.99	171.62	0.8	44.67
2.777	13.16	50.98	0.42	6.94	194.19	0.79	44.57
2.845	13.17	51.01	0.3	6.86	190.97	0.81	44.59
2.909	13.16	51.09	0.61	6.79	220.54	0.78	44.67
2.966	13.16	51.02	0.5	6.71	242.97	0.77	44.6
3.009	13.17	51.01	0.5	6.66	238.12	0.78	44.59

3.048	13.17	51.1	0.46	6.6	263.14	0.76	44.68
3.091	13.17	51.04	0.57	6.58	423.09	0.8	44.62
3.138	13.17	51.03	0.46	6.57	638.86	0.8	44.6
3.188	13.18	51.08	0.46	6.56	411.97	0.79	44.65
3.233	13.18	51.05	0.42	6.57	460.66	0.8	44.62
3.265	13.18	51.03	0.5	6.57	354.84	0.78	44.59
3.289	13.18	51.07	0.46	6.61	648.71	0.77	44.63
3.312	13.19	51.11	0.53	6.6	554.25	0.82	44.66
3.349	13.19	51.09	0.42	6.59	506.58	0.82	44.64
3.383	13.19	51.03	0.38	6.59	712.72	0.82	44.58
3.409	13.2	51.06	0.53	6.57	410.92	0.81	44.6
3.432	13.19	51.11	0.5	6.55	606.82	0.77	44.66
3.458	13.19	51.08	0.46	6.52	419.97	0.79	44.62
3.483	13.19	51.04	0.3	6.49	381.9	0.82	44.59
3.513	13.19	51.11	0.69	6.45	531.23	0.84	44.65
3.55	13.19	51.1	0.3	6.42	610.63	0.8	44.66
3.594	13.19	51.05	0.69	6.4	482.74	0.82	44.6
3.636	13.19	51.07	0.42	6.37	379.69	0.85	44.62
3.677	13.19	51.12	0.3	6.34	541.93	0.83	44.67
3.734	13.19	51.11	0.5	6.32	560.32	0.82	44.66
3.805	13.19	51.07	0.38	6.31	477.18	0.81	44.62
3.867	13.2	51.09	0.53	6.29	431.61	0.84	44.64
3.909	13.2	51.11	0.46	6.27	393.03	0.84	44.65
3.946	13.2	51.13	0.5	6.26	781.59	0.85	44.67
3.984	13.21	51.12	0.53	6.26	465.49	0.84	44.65
4.009	13.21	51.08	0.5	6.25	428.62	0.89	44.61
4.029	13.21	51.13	0.46	6.24	355.5	0.93	44.66
4.042	13.21	51.11	0.27	6.3	614.75	0.84	44.64
4.067	13.21	51.15	0.69	6.32	564.62	0.91	44.67
4.116	13.21	51.11	0.53	6.35	340.9	0.83	44.64
4.163	13.21	51.06	0.53	6.37	386.35	0.88	44.59
4.212	13.2	51.15	0.46	6.39	541.55	0.86	44.68
4.265	13.19	51.1	0.38	6.41	529.39	0.88	44.66
4.317	13.19	51.1	0.42	6.43	339.32	0.94	44.65
4.368	13.19	51.14	0.5	6.48	379.43	0.83	44.69
4.422	13.19	51.12	0.5	6.56	499.93	0.9	44.68
4.479	13.19	51.11	0.46	6.66	462.91	0.87	44.66
4.527	13.19	51.1	0.5	6.78	427.33	0.93	44.65
4.566	13.19	51.14	0.5	6.91	384.74	0.92	44.68
4.609	13.2	51.14	0.42	7.03	384.38	0.92	44.69
4.648	13.2	51.12	0.42	7.12	468.95	0.95	44.65
4.671	13.2	51.1	0.53	7.17	437.15	0.97	44.63
4.69	13.21	51.16	0.5	7.19	365.44	0.89	44.69
4.73	13.21	51.16	0.57	7.18	412.63	0.92	44.69
4.782	13.21	51.08	0.61	7.14	421.33	0.97	44.61
4.832	13.21	51.12	0.34	7.08	403.18	0.89	44.65
4.878	13.2	51.16	0.38	7.03	333.01	0.91	44.7
4.902	13.19	51.1	0.42	6.99	358.65	0.92	44.64
4.911	13.19	51.14	0.42	6.96	397.61	0.93	44.68
4.932	13.18	51.16	0.42	6.96	374.1	0.95	44.72
4.969	13.19	51.11	0.38	6.97	392.21	0.99	44.66
4.992	13.19	51.11	0.5	7.0	364.09	0.95	44.66
4.998	13.18	51.15	0.42	7.05	367.57	0.95	44.71
5.002	13.17	51.13	0.57	7.11	483.97	0.92	44.7
5.004	13.17	51.11	0.57	7.18	369.02	0.94	44.68



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	12.55	50.33	0.23	5.92	73.26	0.52	44.28
PROF (metros)	0.702	0.784	0.719	1.602	0.98	0.784	0.901
MÁXIMO	12.95	12.95	0.73	6.92	352.22	0.66	44.74
PROF (metros)	1.602	1.579	1.491	0.756	0.702	1.33	1.795

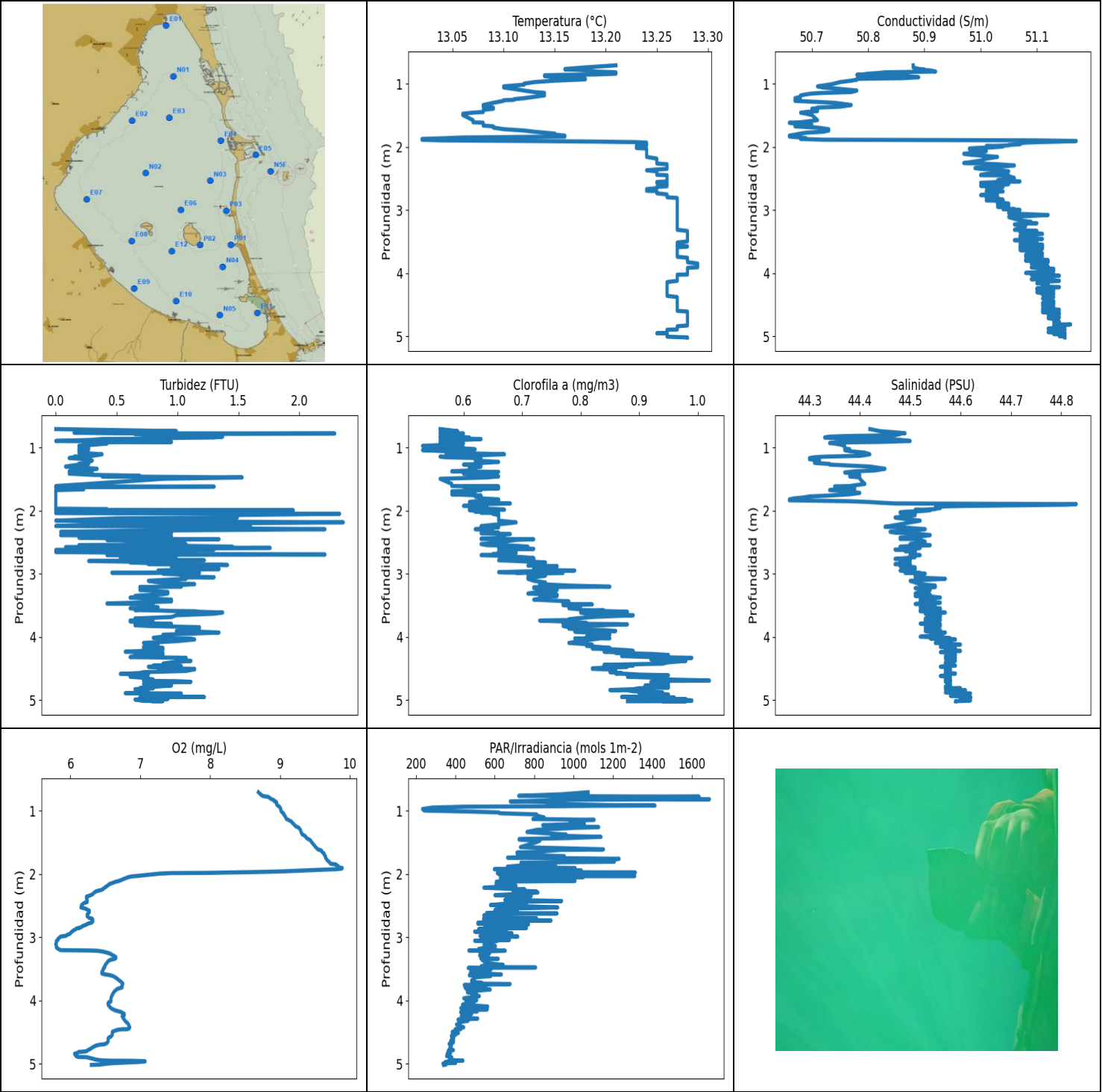
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.76	50.42	0.46	6.46	99.34	0.56	44.48
1 - 2m	12.91	50.65	0.45	6.13	76.54	0.58	44.54
2 - 3m	12.92	50.78	0.43	6.45	76.94	0.58	44.65

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	12.55	50.36	0.3	6.75	352.22	0.54	44.68
0.705	12.55	50.4	0.5	6.76	119.63	0.53	44.72
0.707	12.58	50.42	0.65	6.79	141.49	0.63	44.7
0.711	12.6	50.39	0.46	6.83	231.7	0.56	44.64
0.719	12.62	50.39	0.23	6.88	94.01	0.56	44.62
0.738	12.63	50.41	0.46	6.9	100.71	0.53	44.63
0.756	12.65	50.37	0.38	6.92	91.28	0.57	44.57
0.774	12.67	50.35	0.5	6.9	82.41	0.57	44.52
0.784	12.69	50.33	0.5	6.86	82.3	0.52	44.47
0.795	12.71	50.38	0.53	6.8	79.89	0.58	44.51
0.815	12.72	50.41	0.3	6.73	80.97	0.52	44.52
0.83	12.75	50.37	0.65	6.65	81.03	0.59	44.45
0.841	12.76	50.34	0.38	6.57	74.54	0.54	44.41
0.85	12.77	50.37	0.46	6.51	84.25	0.6	44.42
0.859	12.79	50.38	0.46	6.45	74.65	0.6	44.42
0.863	12.8	50.39	0.34	6.38	78.97	0.53	44.4
0.867	12.82	50.39	0.27	6.33	81.22	0.53	44.39
0.871	12.83	50.41	0.57	6.27	79.41	0.56	44.39
0.883	12.84	50.48	0.3	6.21	78.22	0.52	44.45
0.896	12.86	50.4	0.46	6.17	83.97	0.53	44.35
0.901	12.88	50.35	0.42	6.09	75.57	0.56	44.28
0.903	12.88	50.46	0.38	6.06	75.9	0.57	44.38
0.91	12.89	50.48	0.5	6.04	81.01	0.58	44.39
0.924	12.9	50.53	0.46	6.02	76.75	0.61	44.44
0.951	12.9	50.59	0.57	6.01	76.59	0.53	44.49
0.975	12.91	50.45	0.5	6.01	74.92	0.55	44.34
0.98	12.89	50.52	0.69	6.02	73.26	0.56	44.44
0.987	12.87	50.62	0.57	6.01	74.75	0.56	44.56
1.002	12.87	50.61	0.38	6.01	74.68	0.56	44.55
1.013	12.87	50.47	0.42	6.02	73.39	0.58	44.4
1.016	12.87	50.44	0.5	6.02	78.97	0.53	44.38
1.019	12.87	50.53	0.42	6.02	73.89	0.56	44.47
1.023	12.87	50.58	0.61	6.01	75.71	0.58	44.52
1.034	12.86	50.64	0.46	6.01	81.73	0.53	44.58
1.055	12.87	50.58	0.46	6.01	73.6	0.53	44.51
1.069	12.88	50.5	0.23	6.02	76.11	0.53	44.43
1.074	12.88	50.49	0.46	6.03	78.86	0.55	44.42
1.075	12.9	50.62	0.3	6.07	74.35	0.56	44.52
1.076	12.9	50.57	0.38	6.09	77.18	0.56	44.47

1.082	12.91	50.55	0.38	6.11	74.94	0.63	44.44
1.094	12.91	50.6	0.27	6.12	76.73	0.57	44.49
1.108	12.91	50.55	0.5	6.14	73.29	0.58	44.43
1.113	12.92	50.51	0.42	6.14	78.9	0.58	44.39
1.123	12.92	50.65	0.5	6.13	75.83	0.55	44.53
1.145	12.93	50.65	0.46	6.13	75.92	0.53	44.52
1.164	12.93	50.5	0.46	6.13	75.41	0.63	44.36
1.173	12.94	50.55	0.38	6.12	76.88	0.59	44.41
1.182	12.92	50.66	0.34	6.12	75.1	0.59	44.53
1.191	12.91	50.61	0.46	6.12	77.68	0.56	44.49
1.198	12.9	50.55	0.53	6.12	77.45	0.56	44.45
1.205	12.9	50.58	0.57	6.12	74.99	0.52	44.48
1.214	12.91	50.64	0.5	6.1	75.41	0.58	44.53
1.233	12.91	50.64	0.57	6.1	77.2	0.56	44.53
1.258	12.91	50.61	0.61	6.1	77.18	0.58	44.49
1.271	12.92	50.52	0.42	6.1	75.39	0.56	44.4
1.279	12.92	50.67	0.57	6.1	77.56	0.59	44.55
1.293	12.92	50.63	0.42	6.1	75.92	0.6	44.5
1.308	12.92	50.57	0.34	6.1	77.02	0.56	44.45
1.323	12.92	50.54	0.57	6.1	77.72	0.56	44.41
1.33	12.93	50.57	0.42	6.1	77.38	0.66	44.44
1.337	12.93	50.66	0.61	6.1	75.29	0.58	44.53
1.356	12.93	50.65	0.38	6.11	75.32	0.56	44.51
1.373	12.93	50.56	0.53	6.11	79.54	0.58	44.42
1.389	12.93	50.63	0.46	6.11	78.15	0.57	44.49
1.401	12.93	50.64	0.5	6.12	74.37	0.57	44.5
1.411	12.93	50.6	0.53	6.13	76.41	0.64	44.46
1.414	12.93	50.57	0.42	6.15	77.32	0.56	44.44
1.418	12.92	50.68	0.46	6.17	77.32	0.6	44.56
1.434	12.92	50.69	0.46	6.18	75.03	0.62	44.57
1.455	12.92	50.58	0.5	6.2	79.15	0.62	44.45
1.474	12.92	50.61	0.57	6.21	77.86	0.6	44.48
1.491	12.93	50.65	0.72	6.21	76.38	0.6	44.52
1.501	12.93	50.61	0.5	6.21	76.48	0.57	44.47
1.506	12.94	50.65	0.42	6.2	77.84	0.61	44.51
1.507	12.94	50.65	0.42	6.18	75.59	0.57	44.5
1.512	12.94	50.66	0.57	6.17	75.87	0.53	44.51
1.518	12.93	50.65	0.5	6.15	76.26	0.56	44.51
1.523	12.93	50.63	0.53	6.12	79.26	0.58	44.49
1.527	12.93	50.65	0.5	6.09	75.67	0.61	44.52
1.529	12.93	50.65	0.3	6.07	75.76	0.57	44.51
1.53	12.93	50.66	0.46	6.04	76.63	0.58	44.52
1.532	12.93	50.68	0.42	6.01	78.37	0.59	44.54
1.541	12.94	50.67	0.46	5.99	75.01	0.57	44.52
1.552	12.94	50.66	0.46	5.98	76.64	0.63	44.51
1.556	12.94	50.67	0.42	5.98	76.54	0.56	44.53
1.56	12.94	50.72	0.46	5.98	77.7	0.6	44.57
1.565	12.94	50.69	0.61	5.98	76.95	0.56	44.54
1.575	12.94	50.67	0.38	5.98	74.56	0.62	44.51
1.579	12.94	50.84	0.3	5.94	75.52	0.6	44.69
1.602	12.95	50.83	0.61	5.92	75.41	0.6	44.67
1.613	12.88	50.72	0.5	5.92	76.38	0.6	44.64
1.619	12.88	50.72	0.42	5.95	76.96	0.56	44.64
1.635	12.88	50.64	0.42	5.99	78.21	0.6	44.56
1.639	12.89	50.71	0.57	6.23	76.04	0.53	44.62
1.644	12.89	50.75	0.53	6.31	78.46	0.56	44.66
1.666	12.9	50.74	0.3	6.38	77.29	0.59	44.64
1.686	12.9	50.63	0.46	6.43	75.88	0.58	44.53

1.703	12.9	50.74	0.38	6.45	76.93	0.63	44.64
1.721	12.89	50.77	0.42	6.46	76.98	0.6	44.68
1.744	12.89	50.72	0.46	6.43	75.8	0.61	44.63
1.768	12.88	50.67	0.42	6.41	76.59	0.57	44.59
1.781	12.89	50.72	0.42	6.37	76.93	0.59	44.64
1.795	12.89	50.83	0.46	6.34	76.36	0.63	44.74
1.815	12.9	50.72	0.38	6.29	76.15	0.66	44.61
1.832	12.91	50.67	0.5	6.24	76.88	0.61	44.55
1.845	12.91	50.77	0.42	6.21	76.02	0.58	44.65
1.859	12.9	50.8	0.42	6.18	75.34	0.56	44.7
1.869	12.9	50.69	0.38	6.16	77.16	0.61	44.59
1.885	12.9	50.8	0.38	6.14	77.41	0.61	44.7
1.909	12.9	50.77	0.57	6.14	77.14	0.61	44.67
1.927	12.9	50.69	0.46	6.14	77.29	0.62	44.59
1.941	12.91	50.78	0.42	6.15	76.73	0.61	44.67
1.955	12.91	50.79	0.42	6.18	75.43	0.58	44.68
1.968	12.9	50.72	0.34	6.21	76.52	0.57	44.61
1.98	12.9	50.73	0.38	6.24	77.52	0.55	44.63
1.993	12.91	50.79	0.34	6.29	76.7	0.63	44.68
2.007	12.92	50.78	0.5	6.34	77.81	0.58	44.66
2.02	12.92	50.76	0.46	6.39	77.57	0.56	44.63
2.033	12.92	50.79	0.5	6.42	75.94	0.58	44.66
2.043	12.92	50.77	0.38	6.45	75.34	0.56	44.64
2.047	12.92	50.79	0.38	6.47	76.11	0.6	44.66
2.051	12.93	50.81	0.3	6.49	76.34	0.57	44.67
2.056	12.93	50.78	0.46	6.51	77.99	0.59	44.64
2.06	12.94	50.78	0.46	6.51	78.42	0.56	44.63



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.02	50.66	0.0	5.79	233.05	0.53	44.26
PROF (metros)	1.873	1.615	0.706	3.111	0.972	0.972	1.82
MÁXIMO	13.29	13.29	2.37	9.89	1689.2	1.02	44.83
PROF (metros)	3.847	1.905	2.185	1.905	0.817	4.694	1.896

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	13.17	50.83	0.67	8.91	938.23	0.58	44.4
1 - 2m	13.11	50.73	0.39	9.18	885.41	0.61	44.38
2 - 3m	13.26	51.03	0.93	6.22	663.67	0.69	44.5
3 - 4m	13.28	51.09	0.88	6.46	538.73	0.78	44.54
4 - 5m	13.27	51.13	0.82	6.59	405.54	0.9	44.58
5 - 6m	13.27	51.15	0.76	6.4	344.85	0.96	44.6

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.706	13.21	50.88	0.0	8.69	1073.7	0.56	44.42
0.739	13.18	50.88	0.99	8.72	937.78	0.59	44.44
0.764	13.16	50.89	0.15	8.75	721.2	0.56	44.48
0.773	13.16	50.9	0.5	8.79	1275.8	0.56	44.49
0.776	13.17	50.89	2.29	8.82	1637.1	0.6	44.47
0.786	13.18	50.91	0.65	8.84	1233.6	0.58	44.48
0.804	13.19	50.92	0.95	8.86	1322.4	0.58	44.47
0.817	13.21	50.83	0.72	8.88	1689.2	0.56	44.37
0.826	13.21	50.82	1.37	8.9	933.66	0.58	44.34
0.839	13.21	50.8	1.3	8.92	844.5	0.61	44.33
0.851	13.19	50.79	0.76	8.92	678.39	0.56	44.35
0.857	13.16	50.78	0.8	8.94	841.57	0.6	44.37
0.864	13.14	50.83	0.38	8.95	923.97	0.63	44.45
0.877	13.14	50.87	0.3	8.95	864.31	0.6	44.48
0.895	13.15	50.89	0.0	8.95	975.01	0.56	44.5
0.91	13.17	50.86	0.95	8.96	1172.3	0.57	44.44
0.917	13.18	50.8	0.23	8.97	1413.1	0.57	44.37
0.921	13.18	50.78	0.23	8.97	1112.5	0.56	44.35
0.928	13.18	50.78	0.27	8.98	898.42	0.59	44.34
0.935	13.17	50.78	0.42	8.99	446.16	0.6	44.35
0.949	13.15	50.77	0.34	9.0	282.09	0.59	44.36
0.972	13.13	50.75	0.19	9.01	233.05	0.53	44.37
0.996	13.12	50.74	0.27	9.01	241.79	0.6	44.37
1.013	13.12	50.73	0.19	9.02	487.12	0.6	44.37
1.026	13.11	50.72	0.27	9.03	620.62	0.62	44.38
1.039	13.1	50.71	0.23	9.05	624.81	0.53	44.37
1.057	13.1	50.72	0.19	9.05	811.69	0.57	44.38
1.08	13.11	50.75	0.19	9.07	817.16	0.57	44.41
1.106	13.12	50.78	0.38	9.08	850.99	0.67	44.42
1.13	13.13	50.77	0.3	9.09	793.28	0.6	44.4
1.143	13.14	50.72	0.15	9.12	1104.2	0.56	44.33
1.153	13.14	50.7	0.19	9.13	1006.9	0.57	44.31
1.166	13.14	50.69	0.11	9.16	1035.8	0.63	44.3
1.183	13.14	50.68	0.27	9.17	981.36	0.62	44.3
1.205	13.13	50.68	0.3	9.19	1054.2	0.62	44.32
1.227	13.12	50.67	0.27	9.21	842.94	0.66	44.31

1.243	13.11	50.67	0.23	9.22	903.85	0.63	44.31
1.253	13.11	50.67	0.19	9.24	1079.2	0.63	44.33
1.259	13.1	50.68	0.27	9.25	1127.5	0.63	44.34
1.269	13.1	50.67	0.19	9.27	1010.7	0.6	44.34
1.3	13.09	50.74	0.08	9.29	815.65	0.63	44.42
1.335	13.08	50.77	0.34	9.3	763.33	0.61	44.45
1.362	13.08	50.75	0.23	9.31	892.6	0.61	44.43
1.376	13.09	50.71	0.11	9.32	961.99	0.58	44.39
1.385	13.09	50.71	0.3	9.34	888.48	0.66	44.38
1.394	13.09	50.7	0.23	9.35	922.26	0.62	44.37
1.412	13.08	50.71	0.11	9.37	1139.1	0.6	44.39
1.432	13.08	50.71	0.3	9.38	964.67	0.63	44.4
1.446	13.08	50.69	0.69	9.4	723.87	0.61	44.39
1.456	13.07	50.68	0.38	9.42	723.04	0.66	44.38
1.473	13.06	50.69	1.53	9.44	828.61	0.64	44.4
1.494	13.06	50.7	0.88	9.45	812.82	0.56	44.4
1.575	13.07	50.71	0.27	9.51	729.77	0.58	44.41
1.609	13.07	50.68	0.0	9.54	1151.6	0.58	44.38
1.615	13.08	50.66	0.0	9.55	1039.7	0.66	44.35
1.618	13.08	50.66	1.3	9.57	934.96	0.6	44.35
1.629	13.08	50.67	0.0	9.59	886.63	0.63	44.36
1.647	13.08	50.7	0.0	9.6	821.91	0.66	44.39
1.661	13.08	50.69	0.23	9.61	712.23	0.61	44.37
1.674	13.09	50.67	0.0	9.63	809.62	0.63	44.34
1.694	13.09	50.71	0.0	9.63	715.2	0.58	44.38
1.718	13.1	50.73	0.0	9.65	952.89	0.62	44.4
1.74	13.12	50.73	0.0	9.65	665.0	0.58	44.38
1.759	13.13	50.72	0.0	9.66	1230.8	0.63	44.34
1.774	13.14	50.69	0.0	9.67	1191.5	0.62	44.3
1.788	13.15	50.68	0.0	9.68	923.11	0.63	44.29
1.805	13.15	50.67	0.0	9.7	1207.0	0.63	44.27
1.82	13.16	50.66	0.0	9.71	732.99	0.66	44.26
1.835	13.16	50.66	0.0	9.72	798.25	0.66	44.26
1.85	13.06	50.68	0.0	9.8	908.47	0.62	44.38
1.863	13.04	50.69	0.0	9.81	741.02	0.61	44.42
1.873	13.02	50.68	0.0	9.83	702.71	0.63	44.44
1.885	13.02	50.72	0.0	9.83	663.77	0.68	44.47
1.896	13.04	51.1	0.0	9.85	830.14	0.63	44.83
1.905	13.12	51.17	0.0	9.89	1007.6	0.62	44.81
1.915	13.19	51.14	0.0	9.88	762.1	0.63	44.7
1.924	13.23	51.1	0.0	9.8	597.47	0.6	44.61
1.931	13.24	51.08	0.0	9.62	721.2	0.64	44.57
1.943	13.24	51.07	0.0	9.36	1038.9	0.63	44.55
1.958	13.24	51.07	0.0	9.04	682.17	0.61	44.56
1.968	13.24	51.05	0.0	8.67	666.08	0.64	44.55
1.975	13.24	51.05	0.42	8.3	1313.3	0.66	44.55
1.982	13.23	51.03	0.0	7.95	790.34	0.66	44.53
1.984	13.23	51.01	0.0	7.67	1200.3	0.67	44.52
1.985	13.23	51.01	0.0	7.45	612.62	0.63	44.51
1.993	13.23	51.04	1.95	7.28	824.96	0.61	44.54
2.007	13.23	51.02	0.0	7.16	621.2	0.63	44.52
2.017	13.23	50.99	0.0	7.07	785.04	0.62	44.49
2.025	13.24	50.98	0.0	7.0	729.77	0.65	44.48
2.032	13.24	50.98	0.0	6.94	1310.2	0.63	44.48
2.038	13.24	51.0	0.0	6.88	660.09	0.66	44.5
2.049	13.24	51.01	2.33	6.83	1049.1	0.65	44.51
2.07	13.24	51.01	1.41	6.78	627.56	0.66	44.51
2.108	13.24	50.97	1.49	6.7	1007.2	0.66	44.47

2.121	13.24	50.98	0.5	6.65	607.53	0.66	44.48
2.158	13.24	51.03	0.0	6.56	606.54	0.66	44.52
2.185	13.25	51.01	2.36	6.53	707.78	0.69	44.5
2.216	13.25	51.0	0.34	6.49	544.57	0.66	44.48
2.243	13.25	50.98	0.0	6.46	752.27	0.63	44.46
2.256	13.25	50.97	1.6	6.43	690.45	0.63	44.45
2.263	13.25	51.0	1.11	6.4	693.81	0.66	44.48
2.274	13.26	51.03	0.99	6.37	810.75	0.64	44.5
2.293	13.26	51.06	2.21	6.34	818.68	0.62	44.53
2.318	13.26	51.03	0.61	6.32	697.52	0.65	44.49
2.335	13.26	50.99	0.04	6.29	600.67	0.64	44.46
2.348	13.26	51.0	0.27	6.26	784.68	0.66	44.47
2.357	13.25	51.02	0.95	6.23	778.52	0.63	44.5
2.37	13.24	51.03	0.46	6.23	694.94	0.68	44.52
2.387	13.25	51.05	0.04	6.23	754.89	0.66	44.54
2.409	13.25	51.04	0.95	6.24	650.97	0.67	44.52
2.427	13.25	51.01	0.19	6.24	939.08	0.67	44.48
2.442	13.25	51.0	0.57	6.24	666.24	0.63	44.48
2.448	13.26	51.0	0.72	6.23	762.8	0.63	44.48
2.452	13.26	51.05	1.34	6.21	754.01	0.72	44.52
2.463	13.26	51.05	0.42	6.19	674.0	0.69	44.52
2.492	13.26	51.06	0.99	6.16	577.86	0.67	44.53
2.529	13.26	51.03	1.07	6.15	919.27	0.63	44.5
2.546	13.26	51.07	0.19	6.21	661.31	0.64	44.54
2.556	13.25	51.03	0.99	6.23	609.64	0.69	44.51
2.569	13.25	51.0	1.45	6.25	600.53	0.71	44.48
2.578	13.26	51.01	0.08	6.27	714.21	0.69	44.49
2.589	13.26	51.05	1.76	6.27	636.65	0.66	44.52
2.604	13.26	51.03	0.8	6.27	679.18	0.72	44.51
2.616	13.26	51.0	1.3	6.26	558.25	0.67	44.47
2.624	13.26	51.02	0.0	6.25	915.87	0.67	44.5
2.633	13.25	51.04	1.14	6.25	627.56	0.69	44.51
2.642	13.25	51.01	0.38	6.24	673.69	0.66	44.49
2.654	13.25	51.02	0.0	6.24	544.07	0.66	44.51
2.668	13.24	51.02	0.65	6.24	618.04	0.69	44.51
2.686	13.24	51.02	0.72	6.26	551.81	0.65	44.51
2.695	13.24	51.01	2.21	6.27	555.53	0.66	44.5
2.7	13.25	51.01	0.61	6.29	811.88	0.66	44.5
2.705	13.25	51.04	0.42	6.31	542.93	0.63	44.52
2.713	13.25	51.02	0.95	6.31	794.56	0.66	44.5
2.721	13.25	51.02	0.99	6.32	543.81	0.66	44.5
2.735	13.25	51.03	0.53	6.32	885.19	0.7	44.51
2.752	13.26	51.01	0.53	6.32	585.55	0.72	44.49
2.765	13.26	51.0	0.8	6.31	597.33	0.7	44.47
2.769	13.26	51.02	0.69	6.3	514.39	0.7	44.49
2.773	13.26	51.03	0.72	6.29	655.97	0.72	44.5
2.778	13.26	51.02	0.57	6.27	653.24	0.71	44.48
2.786	13.26	51.02	1.22	6.25	514.03	0.66	44.48
2.797	13.26	51.03	0.27	6.23	770.98	0.69	44.5
2.809	13.27	51.01	0.65	6.21	660.09	0.72	44.48
2.82	13.27	51.03	0.61	6.18	707.95	0.74	44.49
2.836	13.27	51.04	0.84	6.16	549.13	0.72	44.5
2.848	13.27	51.01	0.76	6.14	617.75	0.72	44.47
2.853	13.27	51.03	1.18	6.12	598.17	0.72	44.49
2.856	13.27	51.04	1.34	6.12	760.68	0.74	44.5
2.861	13.27	51.04	1.41	6.09	640.05	0.72	44.49
2.87	13.27	51.03	0.95	6.08	518.22	0.71	44.49
2.879	13.27	51.03	1.26	6.07	571.86	0.76	44.48

2.887	13.27	51.04	0.95	6.05	659.63	0.72	44.5
2.898	13.27	51.05	1.3	6.04	589.22	0.74	44.51
2.911	13.27	51.03	1.22	6.02	497.62	0.72	44.49
2.925	13.27	51.05	1.34	6.01	578.4	0.73	44.51
2.937	13.27	51.04	1.03	6.0	686.93	0.72	44.5
2.948	13.27	51.03	0.84	5.99	600.25	0.79	44.48
2.956	13.27	51.04	0.99	5.97	606.54	0.73	44.5
2.964	13.27	51.05	1.03	5.95	584.87	0.7	44.5
2.974	13.27	51.04	0.95	5.94	602.2	0.66	44.49
2.98	13.27	51.04	0.8	5.93	524.5	0.67	44.49
2.982	13.27	51.06	0.46	5.91	651.27	0.7	44.51
2.984	13.27	51.06	0.88	5.89	586.9	0.69	44.52
2.986	13.27	51.04	1.18	5.88	547.74	0.77	44.49
2.99	13.27	51.05	0.99	5.86	716.7	0.76	44.51
2.999	13.27	51.07	0.88	5.85	558.63	0.71	44.53
3.012	13.27	51.05	1.03	5.84	671.97	0.71	44.51
3.028	13.27	51.06	1.07	5.82	530.25	0.74	44.51
3.044	13.27	51.05	1.03	5.82	673.84	0.73	44.51
3.054	13.27	51.05	1.3	5.81	497.85	0.72	44.51
3.058	13.27	51.06	1.03	5.8	612.48	0.71	44.51
3.079	13.27	51.12	1.07	5.8	581.62	0.71	44.57
3.111	13.27	51.05	0.76	5.79	544.57	0.72	44.5
3.138	13.27	51.06	0.84	5.8	603.04	0.74	44.51
3.164	13.27	51.07	1.14	5.8	552.97	0.73	44.52
3.187	13.27	51.09	0.95	5.83	516.78	0.78	44.55
3.205	13.27	51.07	1.03	5.86	612.19	0.85	44.53
3.21	13.27	51.1	0.69	6.26	468.3	0.73	44.55
3.214	13.27	51.08	0.72	6.38	652.94	0.72	44.53
3.228	13.27	51.06	0.76	6.47	520.87	0.72	44.51
3.256	13.27	51.08	0.69	6.56	573.32	0.76	44.54
3.287	13.27	51.07	0.92	6.61	523.05	0.73	44.52
3.313	13.27	51.06	0.92	6.65	568.3	0.71	44.51
3.332	13.28	51.1	0.84	6.65	528.53	0.76	44.54
3.343	13.28	51.08	0.69	6.63	617.46	0.73	44.53
3.351	13.28	51.07	0.65	6.6	569.88	0.76	44.51
3.359	13.28	51.09	0.72	6.57	534.69	0.74	44.54
3.378	13.28	51.11	0.61	6.54	549.77	0.74	44.56
3.409	13.28	51.07	0.95	6.52	547.99	0.72	44.52
3.437	13.28	51.07	0.95	6.5	642.43	0.78	44.52
3.458	13.28	51.11	0.65	6.49	530.74	0.77	44.56
3.471	13.28	51.08	0.42	6.49	552.58	0.78	44.52
3.478	13.28	51.06	0.76	6.49	807.19	0.77	44.51
3.486	13.28	51.1	0.8	6.48	464.95	0.82	44.54
3.497	13.28	51.1	0.76	6.47	581.89	0.77	44.55
3.515	13.27	51.09	0.69	6.47	579.2	0.79	44.54
3.531	13.27	51.07	0.84	6.46	477.07	0.8	44.52
3.547	13.27	51.11	0.61	6.45	541.68	0.78	44.56
3.563	13.27	51.11	0.72	6.45	516.54	0.8	44.56
3.575	13.28	51.07	0.65	6.45	475.19	0.8	44.52
3.581	13.28	51.11	0.84	6.47	585.55	0.84	44.56
3.589	13.27	51.11	0.95	6.5	633.12	0.82	44.56
3.594	13.27	51.07	1.14	6.54	488.14	0.85	44.52
3.602	13.27	51.1	1.18	6.57	470.59	0.88	44.55
3.615	13.27	51.11	1.37	6.61	579.47	0.8	44.57
3.633	13.27	51.07	1.3	6.64	504.24	0.81	44.53
3.657	13.27	51.1	0.99	6.67	493.49	0.89	44.56
3.685	13.27	51.11	0.95	6.7	481.96	0.82	44.56
3.709	13.27	51.08	0.65	6.73	496.7	0.79	44.53

3.723	13.27	51.1	0.8	6.74	534.94	0.78	44.56
3.732	13.27	51.11	0.72	6.75	480.84	0.79	44.56
3.741	13.27	51.08	0.61	6.75	677.92	0.73	44.53
3.756	13.28	51.1	0.61	6.74	444.81	0.77	44.55
3.777	13.28	51.09	0.76	6.74	490.98	0.81	44.54
3.79	13.28	51.08	0.84	6.73	493.83	0.77	44.52
3.795	13.28	51.12	0.95	6.74	448.75	0.82	44.56
3.797	13.28	51.1	0.92	6.73	555.66	0.86	44.54
3.802	13.28	51.08	0.76	6.72	465.6	0.88	44.53
3.808	13.28	51.1	0.72	6.7	454.61	0.85	44.54
3.809	13.28	51.11	0.84	6.69	510.59	0.85	44.55
3.815	13.28	51.1	0.65	6.68	453.67	0.84	44.54
3.827	13.28	51.12	0.76	6.66	576.92	0.77	44.56
3.847	13.29	51.09	1.18	6.64	505.29	0.78	44.53
3.87	13.29	51.1	1.07	6.62	460.44	0.78	44.53
3.893	13.29	51.12	1.18	6.61	501.32	0.84	44.56
3.907	13.29	51.09	0.99	6.6	508.58	0.86	44.53
3.916	13.28	51.1	1.14	6.6	486.11	0.79	44.54
3.931	13.28	51.13	1.34	6.59	521.59	0.81	44.57
3.966	13.28	51.13	0.88	6.58	442.24	0.85	44.56
3.997	13.28	51.08	0.88	6.58	508.46	0.81	44.52
4.015	13.28	51.13	0.8	6.58	496.47	0.82	44.57
4.022	13.28	51.13	0.88	6.57	461.41	0.85	44.58
4.025	13.27	51.09	0.84	6.56	453.03	0.79	44.54
4.027	13.27	51.11	1.11	6.55	482.29	0.83	44.56
4.041	13.27	51.14	1.14	6.54	464.95	0.82	44.59
4.068	13.27	51.11	0.99	6.54	435.83	0.8	44.56
4.096	13.27	51.09	0.72	6.56	563.97	0.78	44.55
4.122	13.27	51.14	0.84	6.58	427.63	0.82	44.6
4.142	13.26	51.11	0.76	6.61	561.88	0.81	44.57
4.16	13.26	51.1	0.72	6.65	432.91	0.83	44.56
4.175	13.26	51.12	0.88	6.7	510.59	0.85	44.58
4.186	13.26	51.12	0.72	6.73	426.34	0.82	44.59
4.2	13.26	51.11	0.88	6.75	448.96	0.86	44.57
4.211	13.26	51.11	0.84	6.77	482.63	0.88	44.58
4.223	13.26	51.14	0.72	6.77	443.07	0.89	44.6
4.235	13.26	51.11	0.57	6.77	437.45	0.84	44.57
4.243	13.26	51.1	0.72	6.76	449.69	0.86	44.56
4.248	13.26	51.13	0.76	6.75	432.01	0.88	44.59
4.249	13.26	51.13	0.65	6.74	429.62	0.89	44.59
4.256	13.26	51.1	0.88	6.75	465.7	0.86	44.57
4.27	13.26	51.12	0.76	6.75	430.51	0.92	44.58
4.287	13.26	51.13	0.88	6.76	513.08	0.95	44.59
4.304	13.26	51.1	0.65	6.77	413.11	0.87	44.57
4.32	13.26	51.11	0.61	6.78	464.52	0.92	44.58
4.332	13.26	51.13	1.07	6.79	445.23	0.99	44.59
4.343	13.26	51.11	0.99	6.8	421.14	0.95	44.57
4.36	13.26	51.12	0.99	6.82	424.37	0.92	44.58
4.38	13.27	51.13	1.11	6.83	405.43	0.98	44.59
4.403	13.27	51.11	0.95	6.84	422.41	0.95	44.57
4.425	13.27	51.12	0.88	6.85	442.35	0.94	44.57
4.444	13.27	51.13	0.99	6.84	415.9	0.84	44.58
4.455	13.27	51.12	0.8	6.81	427.03	0.88	44.57
4.456	13.27	51.13	0.84	6.74	398.81	0.89	44.59
4.462	13.27	51.12	1.03	6.69	408.73	0.84	44.57
4.473	13.27	51.11	0.76	6.65	413.3	0.88	44.56
4.487	13.27	51.13	0.88	6.62	394.22	0.85	44.58
4.498	13.27	51.12	0.84	6.6	383.58	0.82	44.57

4.507	13.27	51.11	1.14	6.6	391.58	0.82	44.57
4.516	13.27	51.12	1.14	6.6	415.42	0.85	44.58
4.524	13.27	51.13	1.11	6.6	395.87	0.86	44.58
4.54	13.27	51.12	1.07	6.6	402.9	0.86	44.57
4.559	13.27	51.11	0.72	6.59	379.07	0.85	44.57
4.573	13.27	51.13	0.69	6.58	390.94	0.87	44.58
4.581	13.27	51.14	0.61	6.56	383.23	0.86	44.59
4.587	13.27	51.11	0.53	6.55	392.49	0.88	44.57
4.598	13.27	51.13	0.76	6.54	387.51	0.9	44.58
4.609	13.28	51.13	0.69	6.54	386.89	0.95	44.57
4.62	13.28	51.11	0.65	6.54	379.25	0.92	44.56
4.632	13.28	51.14	0.61	6.54	390.76	0.88	44.58
4.648	13.28	51.14	0.72	6.54	374.97	0.93	44.58
4.663	13.28	51.12	0.76	6.53	389.95	0.93	44.57
4.676	13.28	51.13	0.8	6.52	378.81	0.95	44.58
4.687	13.28	51.13	0.8	6.5	367.99	1.0	44.58
4.694	13.28	51.13	0.72	6.48	381.37	1.02	44.57
4.697	13.28	51.13	0.72	6.44	379.51	0.94	44.58
4.703	13.28	51.14	0.99	6.41	372.2	0.95	44.58
4.713	13.28	51.12	1.11	6.37	372.71	0.92	44.57
4.728	13.28	51.13	0.76	6.34	379.16	0.95	44.58
4.748	13.28	51.13	0.72	6.31	373.58	0.95	44.58
4.77	13.28	51.14	0.95	6.28	369.36	0.91	44.58
4.786	13.28	51.13	0.84	6.25	390.04	0.95	44.57
4.795	13.28	51.13	0.8	6.24	363.59	0.92	44.57
4.804	13.28	51.14	0.8	6.23	363.33	0.95	44.58
4.813	13.28	51.14	0.69	6.15	373.32	0.91	44.58
4.814	13.28	51.16	0.8	6.12	368.76	0.9	44.6
4.83	13.28	51.13	0.65	6.1	375.58	0.89	44.57
4.843	13.27	51.13	0.72	6.06	358.15	0.85	44.59
4.846	13.27	51.15	0.72	6.06	364.68	0.88	44.61
4.863	13.27	51.14	0.69	6.07	369.1	0.89	44.6
4.88	13.27	51.12	0.76	6.08	355.34	0.94	44.57
4.889	13.27	51.13	0.72	6.1	369.36	0.94	44.59
4.894	13.27	51.15	0.57	6.12	370.3	0.9	44.61
4.897	13.26	51.15	1.03	6.23	381.28	0.92	44.62
4.913	13.26	51.14	1.03	6.29	370.48	0.95	44.61
4.935	13.26	51.12	0.92	6.36	376.62	0.95	44.58
4.948	13.26	51.14	0.84	6.44	398.26	0.9	44.61
4.952	13.26	51.15	0.72	6.53	438.47	0.87	44.62
4.954	13.25	51.13	1.22	6.63	379.78	0.89	44.6
4.955	13.26	51.15	0.84	6.86	370.82	0.93	44.62
4.957	13.26	51.13	0.76	6.95	368.34	0.92	44.6
4.96	13.26	51.13	0.69	7.02	378.2	0.96	44.6
4.962	13.26	51.15	0.72	7.06	399.74	0.92	44.62
4.964	13.26	51.14	0.69	7.07	360.73	0.93	44.61
4.967	13.26	51.13	0.72	7.05	360.48	0.94	44.6
4.971	13.26	51.14	0.92	7.01	374.19	0.94	44.61
4.974	13.26	51.15	0.92	6.95	348.16	0.91	44.62
4.978	13.26	51.14	0.72	6.88	347.2	0.92	44.6
4.982	13.26	51.14	0.76	6.81	361.82	0.95	44.6
4.985	13.26	51.15	0.92	6.74	355.01	0.95	44.61
4.989	13.26	51.14	0.72	6.66	401.13	0.98	44.61
4.994	13.26	51.14	0.65	6.58	346.55	0.95	44.61
5.0	13.26	51.14	0.69	6.53	336.66	0.98	44.61
5.007	13.26	51.15	0.69	6.47	346.31	0.99	44.62
5.014	13.27	51.15	0.72	6.43	352.63	0.99	44.61
5.018	13.28	51.15	0.88	6.34	346.55	0.94	44.59

5.019	13.28	51.15	0.8	6.32	346.31	0.98	44.59
5.02	13.28	51.15	0.8	6.3	340.66	0.88	44.59