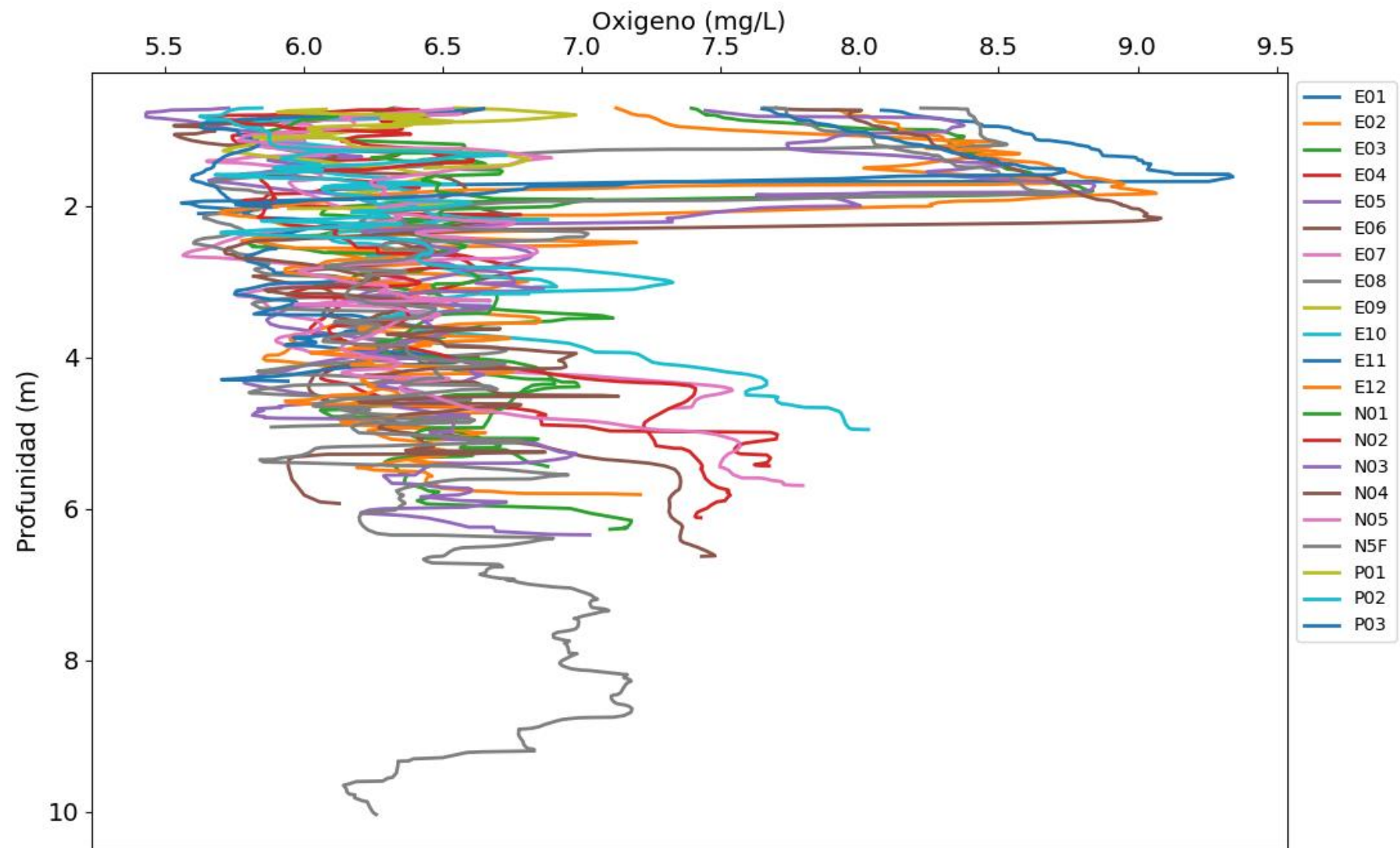
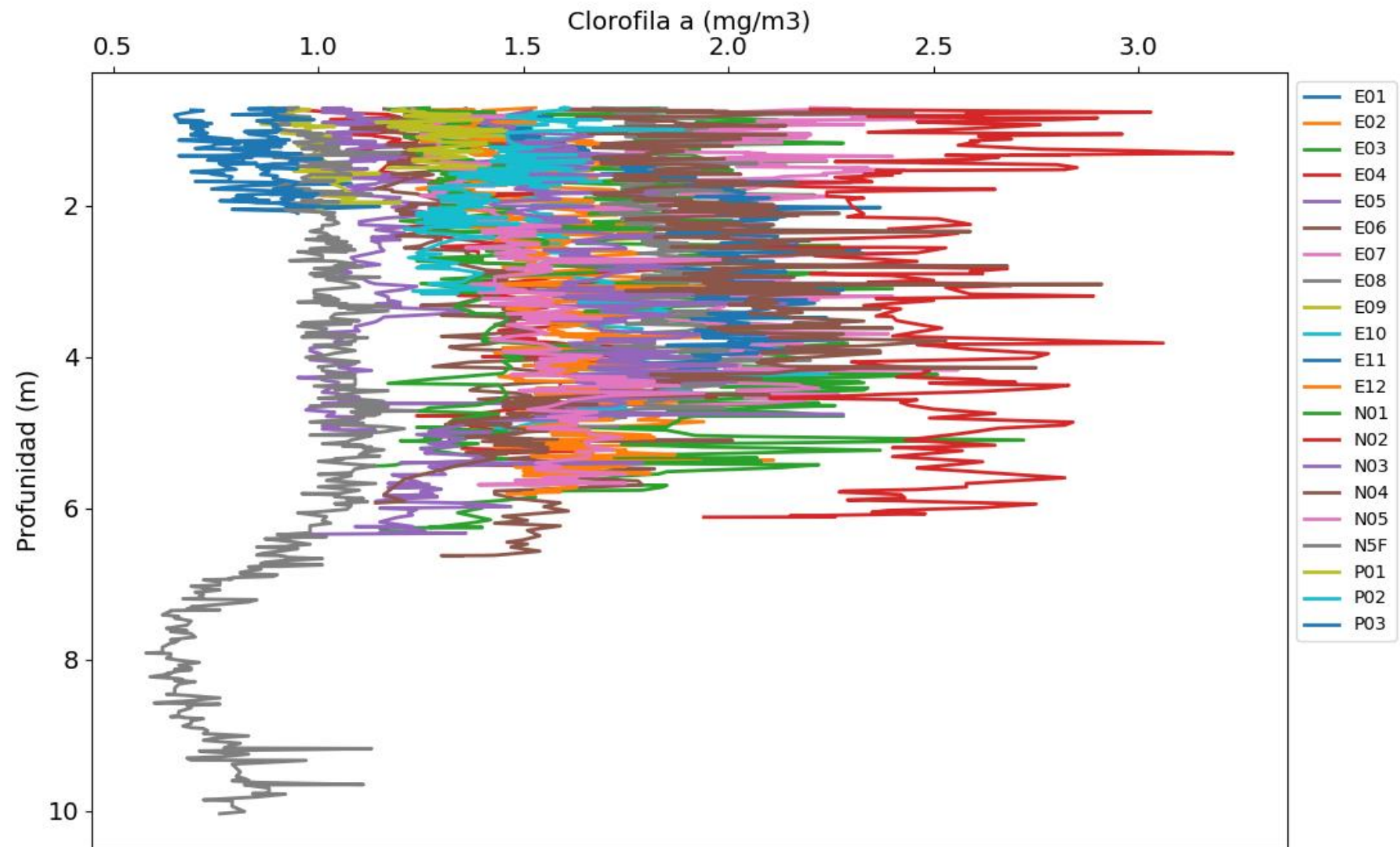
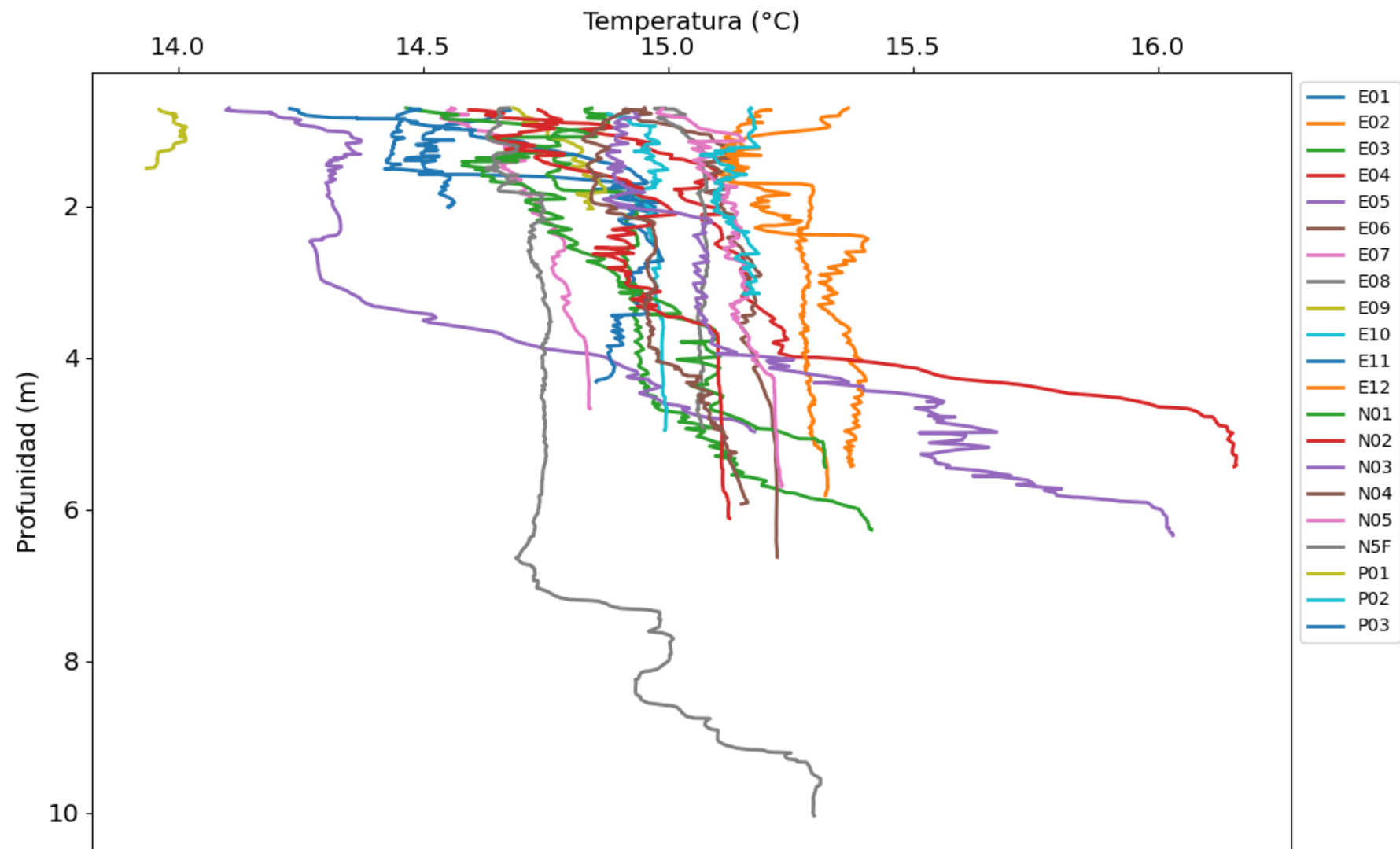
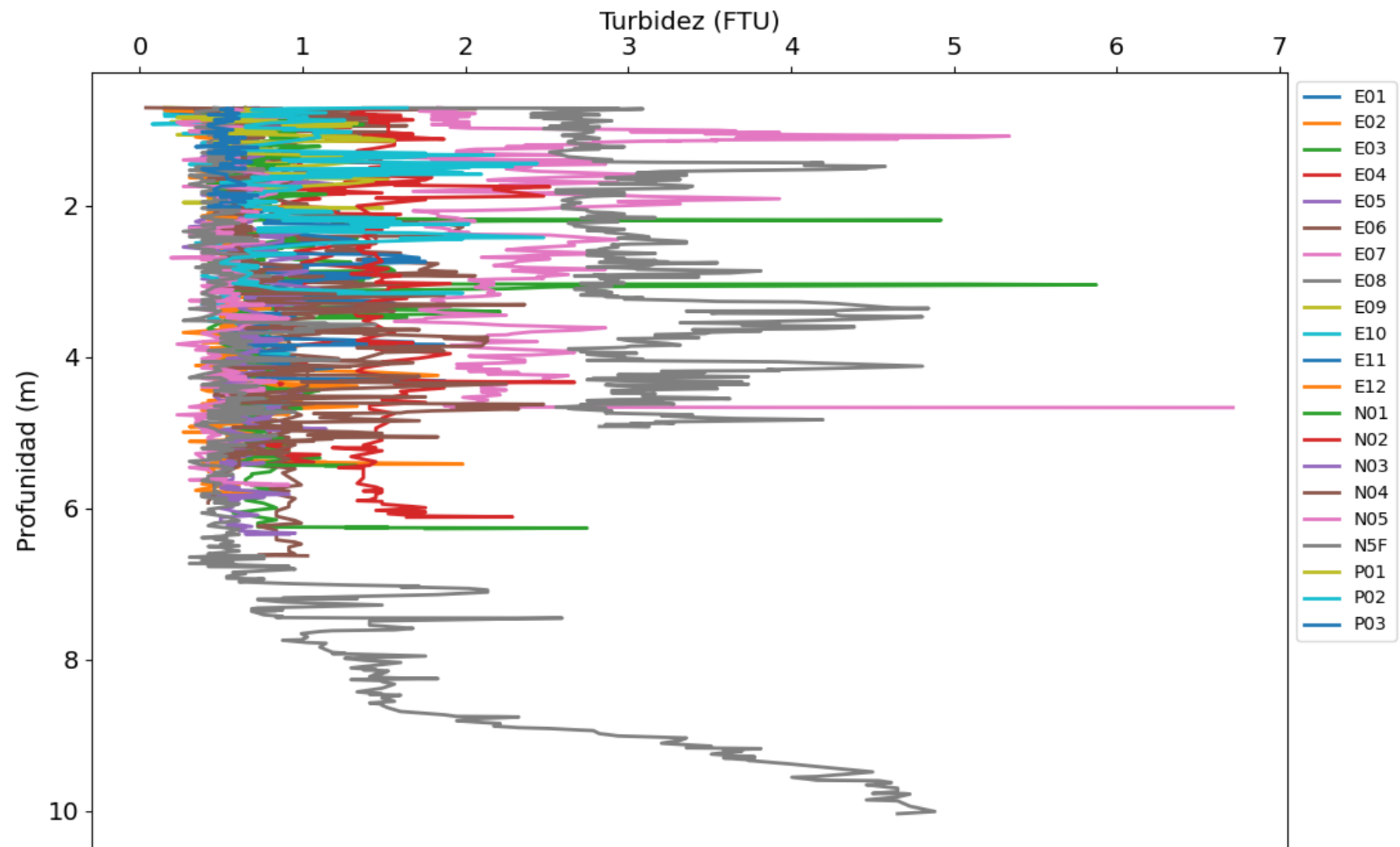
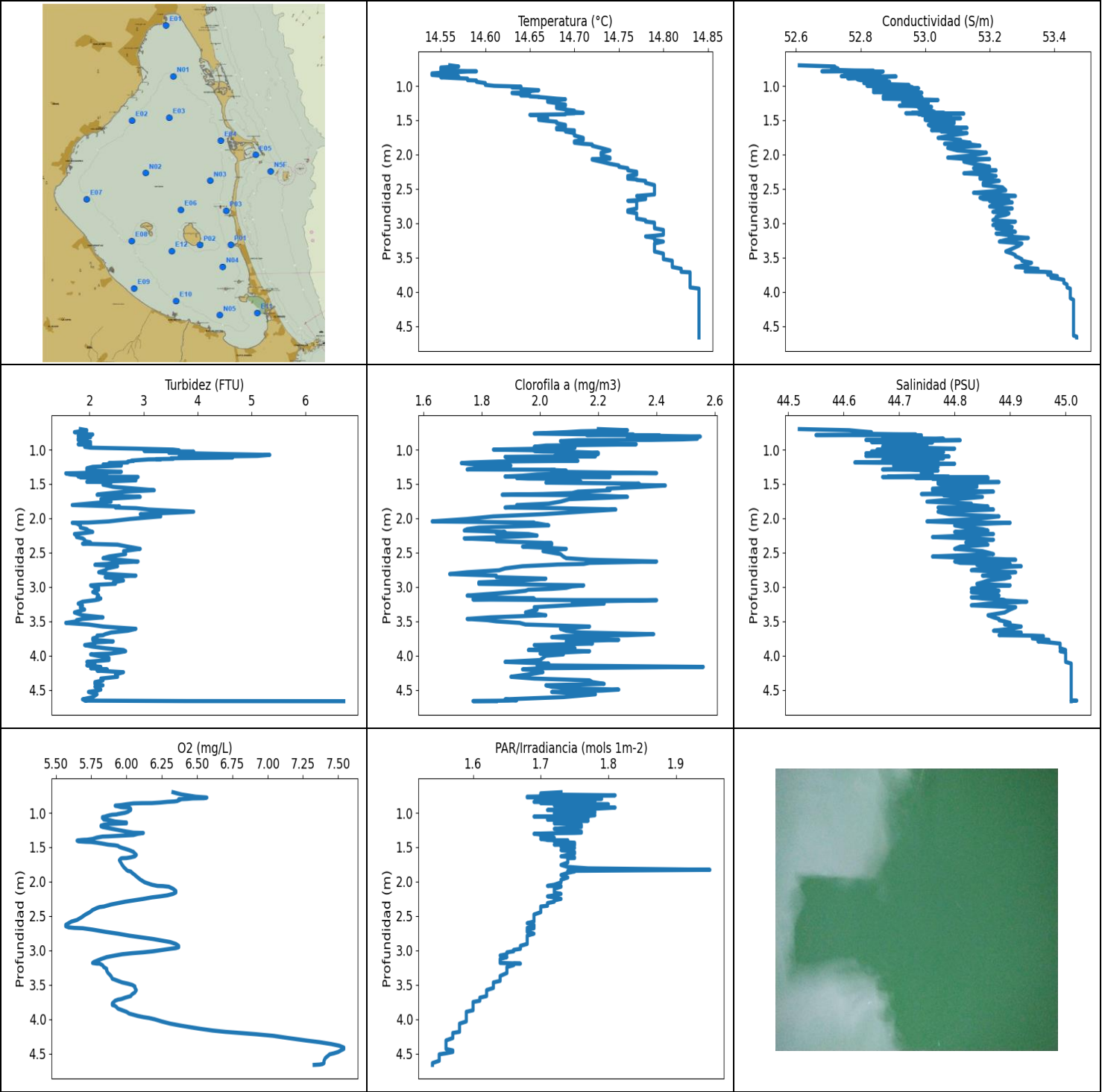












VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.54	52.61	1.56	5.57	1.54	1.63	44.52
PROF (metros)	0.818	0.7	1.345	2.629	4.638	2.045	0.7
MÁXIMO	14.84	14.84	6.71	7.54	1.95	2.56	45.02
PROF (metros)	3.953	4.652	4.665	4.412	1.828	4.165	4.656

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	14.57	52.8	1.99	6.21	1.74	2.23	44.69
1 - 2m	14.68	53.0	2.77	5.91	1.74	2.04	44.76
2 - 3m	14.77	53.2	2.22	6.01	1.7	1.95	44.84
3 - 4m	14.81	53.32	2.13	5.95	1.63	2.04	44.91
4 - 5m	14.84	53.46	2.39	7.11	1.56	2.03	45.01

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 3 - 4m, 4 - 5m con los valores 2.23, 2.04, 2.04, 2.03 respectivamente

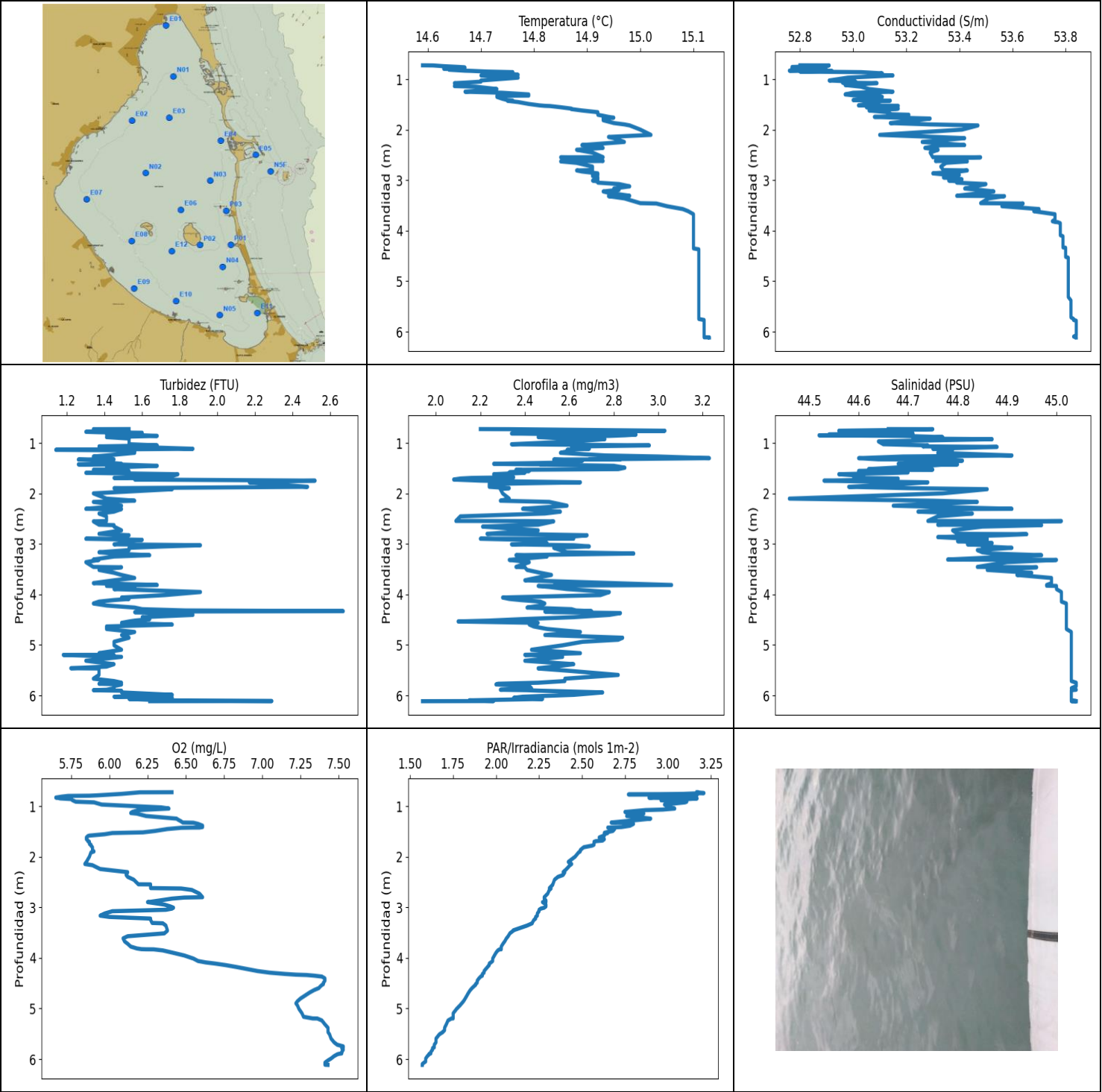
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	14.56	52.61	1.83	6.33	1.73	2.2	44.52
0.717	14.57	52.72	1.95	6.36	1.7	2.3	44.61
0.732	14.55	52.72	1.83	6.39	1.7	2.14	44.63
0.745	14.55	52.73	1.72	6.43	1.81	2.09	44.65
0.765	14.55	52.71	1.95	6.49	1.68	1.98	44.62
0.775	14.55	52.78	1.91	6.56	1.68	2.14	44.69
0.778	14.56	52.84	2.06	6.57	1.75	2.32	44.73
0.787	14.59	52.68	1.98	6.55	1.71	2.16	44.55
0.79	14.58	52.87	1.83	6.47	1.71	2.41	44.74
0.797	14.57	52.79	1.79	6.43	1.79	2.39	44.67
0.803	14.55	52.75	1.91	6.37	1.73	2.46	44.67
0.809	14.55	52.76	2.02	6.38	1.77	2.55	44.68
0.818	14.54	52.83	2.02	6.37	1.71	2.45	44.74
0.828	14.54	52.77	1.83	6.36	1.78	2.3	44.7
0.834	14.54	52.77	1.91	6.34	1.76	2.36	44.69
0.84	14.54	52.86	1.79	6.29	1.69	2.54	44.78
0.85	14.55	52.84	1.95	6.24	1.76	2.49	44.75
0.858	14.56	52.74	1.83	6.18	1.77	2.38	44.64
0.859	14.57	52.8	1.79	6.11	1.7	2.27	44.7
0.862	14.56	52.91	1.95	6.05	1.71	2.13	44.81
0.875	14.55	52.81	1.87	6.0	1.8	2.07	44.72
0.888	14.57	52.76	2.02	5.96	1.72	2.11	44.65
0.893	14.58	52.86	1.91	5.93	1.72	2.21	44.73
0.896	14.58	52.88	1.98	5.92	1.79	2.2	44.76
0.905	14.58	52.79	1.95	5.94	1.75	2.1	44.67
0.916	14.58	52.8	1.98	5.96	1.74	2.24	44.68
0.92	14.59	52.86	1.83	5.98	1.75	2.27	44.72
0.921	14.59	52.85	1.79	6.01	1.73	2.33	44.71
0.923	14.59	52.85	2.02	6.02	1.81	2.31	44.71
0.94	14.59	52.89	2.02	6.03	1.78	2.02	44.75
0.959	14.6	52.81	1.91	6.03	1.71	1.98	44.67
0.971	14.6	52.86	2.02	6.02	1.75	2.12	44.72
0.985	14.6	52.95	2.86	6.01	1.78	2.01	44.8
0.999	14.61	52.82	3.55	5.99	1.78	1.84	44.66
1.01	14.64	52.86	3.66	5.96	1.72	2.0	44.67

1.017	14.64	52.96	3.01	5.94	1.76	1.98	44.76
1.023	14.63	52.87	3.36	5.93	1.76	1.99	44.68
1.027	14.64	52.84	3.93	5.9	1.75	2.01	44.65
1.035	14.64	52.98	3.85	5.88	1.78	2.13	44.78
1.046	14.64	52.91	3.47	5.86	1.77	2.2	44.72
1.054	14.65	52.84	3.93	5.85	1.69	2.17	44.64
1.062	14.66	52.94	4.39	5.83	1.77	2.2	44.72
1.076	14.65	52.93	5.34	5.83	1.77	2.19	44.73
1.091	14.65	52.84	5.11	5.84	1.72	2.05	44.64
1.098	14.64	52.92	4.5	5.84	1.71	2.19	44.72
1.1	14.63	52.99	3.66	5.86	1.73	2.0	44.79
1.105	14.63	52.88	4.62	5.88	1.74	1.88	44.69
1.115	14.64	52.9	4.65	5.9	1.77	1.98	44.71
1.126	14.64	52.98	3.51	5.92	1.72	2.07	44.78
1.134	14.64	52.91	3.55	5.96	1.74	1.98	44.71
1.138	14.64	52.88	3.24	5.98	1.75	1.92	44.68
1.14	14.64	52.97	3.32	6.0	1.75	1.89	44.77
1.142	14.65	52.96	3.09	6.0	1.74	1.91	44.75
1.152	14.65	52.87	2.9	6.0	1.72	1.9	44.67
1.159	14.66	52.89	2.78	5.91	1.74	2.04	44.68
1.162	14.66	52.99	2.82	5.87	1.75	2.13	44.77
1.173	14.67	52.96	2.71	5.84	1.76	1.86	44.73
1.186	14.68	52.87	2.71	5.82	1.74	1.77	44.62
1.195	14.69	52.97	2.36	5.82	1.76	1.73	44.72
1.205	14.67	53.04	2.48	5.83	1.76	1.75	44.8
1.217	14.67	52.97	2.25	5.86	1.74	1.78	44.74
1.232	14.67	52.93	2.59	5.9	1.72	1.9	44.69
1.25	14.68	53.01	2.06	5.94	1.74	1.82	44.77
1.272	14.69	53.0	1.95	6.0	1.76	1.78	44.75
1.288	14.69	52.92	2.1	6.05	1.76	1.75	44.67
1.292	14.68	52.96	1.95	6.12	1.75	2.05	44.72
1.296	14.68	52.98	1.98	6.11	1.72	2.04	44.73
1.305	14.68	53.02	1.95	6.08	1.69	2.09	44.77
1.322	14.68	52.98	2.59	6.05	1.71	2.04	44.74
1.342	14.69	53.0	1.76	5.87	1.7	2.4	44.75
1.345	14.69	53.0	1.56	5.83	1.71	2.1	44.74
1.36	14.7	53.02	1.64	5.79	1.72	1.99	44.76
1.379	14.7	53.03	1.95	5.76	1.7	1.94	44.75
1.391	14.71	52.96	2.33	5.72	1.71	1.88	44.68
1.392	14.71	53.05	1.79	5.7	1.71	1.98	44.77
1.395	14.7	53.06	2.36	5.68	1.71	2.14	44.79
1.398	14.7	52.94	2.9	5.67	1.72	2.24	44.67
1.399	14.7	53.04	2.1	5.66	1.74	2.1	44.77
1.404	14.69	53.12	1.83	5.65	1.72	2.03	44.86
1.414	14.69	52.98	2.33	5.66	1.72	1.92	44.73
1.421	14.65	53.08	2.17	5.71	1.73	1.96	44.86
1.424	14.66	52.99	2.63	5.75	1.73	2.07	44.76
1.434	14.67	53.04	2.78	5.79	1.75	2.08	44.8
1.447	14.66	53.06	2.86	5.83	1.75	2.04	44.83
1.462	14.66	53.03	2.36	5.87	1.72	2.14	44.8
1.468	14.67	53.0	1.95	5.9	1.75	2.08	44.77
1.472	14.66	53.11	2.33	5.92	1.74	2.05	44.88
1.48	14.66	53.04	2.4	5.94	1.74	2.02	44.82
1.495	14.66	53.0	2.25	5.95	1.73	2.34	44.77
1.51	14.67	53.02	2.25	5.97	1.75	2.28	44.78
1.522	14.68	53.09	2.33	5.99	1.74	2.43	44.84
1.542	14.68	53.09	2.44	6.02	1.73	2.35	44.84
1.568	14.69	53.01	2.86	6.05	1.75	2.23	44.76

1.591	14.69	53.02	3.2	6.06	1.75	2.24	44.76
1.611	14.68	53.13	2.67	6.07	1.74	2.13	44.87
1.632	14.68	53.06	2.4	6.06	1.73	2.11	44.81
1.647	14.7	53.02	2.21	6.03	1.75	2.01	44.74
1.657	14.7	53.11	2.14	6.0	1.75	1.87	44.83
1.659	14.69	53.08	2.25	5.97	1.74	2.0	44.81
1.664	14.69	53.05	2.29	5.96	1.74	2.17	44.78
1.688	14.7	53.13	2.94	5.95	1.74	2.3	44.85
1.722	14.7	53.08	2.21	5.96	1.74	2.1	44.8
1.757	14.71	53.04	2.4	5.97	1.73	2.07	44.75
1.786	14.71	53.11	1.98	5.98	1.74	2.03	44.83
1.807	14.7	53.11	1.68	5.99	1.77	1.92	44.83
1.828	14.7	53.14	2.56	6.0	1.95	1.93	44.86
1.843	14.71	53.06	2.48	6.01	1.74	1.88	44.77
1.852	14.72	53.14	2.86	6.03	1.75	2.06	44.84
1.872	14.72	53.17	3.09	6.04	1.74	2.26	44.87
1.904	14.73	53.07	3.93	6.06	1.73	2.14	44.77
1.94	14.74	53.1	2.94	6.08	1.74	2.01	44.79
1.972	14.73	53.19	3.32	6.1	1.73	1.84	44.88
2.01	14.73	53.15	2.75	6.13	1.73	1.75	44.84
2.045	14.74	53.07	2.36	6.18	1.72	1.63	44.75
2.062	14.74	53.12	1.98	6.22	1.71	1.98	44.81
2.065	14.72	53.2	1.68	6.26	1.73	1.93	44.9
2.074	14.72	53.17	1.76	6.3	1.73	1.99	44.87
2.103	14.73	53.12	1.83	6.33	1.72	2.03	44.8
2.135	14.74	53.15	1.83	6.35	1.72	1.79	44.82
2.158	14.75	53.18	1.95	6.35	1.72	1.75	44.85
2.178	14.75	53.2	1.98	6.33	1.73	1.74	44.86
2.199	14.76	53.15	2.06	6.29	1.72	1.88	44.8
2.214	14.76	53.16	1.91	6.24	1.71	1.85	44.82
2.229	14.76	53.22	1.72	6.18	1.72	1.96	44.87
2.251	14.77	53.18	1.76	6.12	1.73	1.99	44.82
2.273	14.77	53.12	1.76	6.05	1.72	1.88	44.76
2.292	14.77	53.19	1.87	5.99	1.72	1.74	44.83
2.312	14.76	53.22	1.91	5.94	1.71	1.85	44.87
2.333	14.76	53.17	1.91	5.89	1.71	1.85	44.83
2.351	14.76	53.17	2.02	5.86	1.71	1.97	44.82
2.362	14.77	53.21	1.95	5.84	1.7	2.04	44.85
2.37	14.77	53.19	1.87	5.81	1.7	2.01	44.83
2.384	14.78	53.23	2.52	5.79	1.7	2.04	44.86
2.413	14.78	53.18	2.71	5.76	1.7	1.94	44.81
2.445	14.79	53.18	2.94	5.74	1.7	2.09	44.8
2.478	14.79	53.24	2.63	5.71	1.69	2.01	44.85
2.521	14.79	53.25	2.67	5.68	1.69	2.07	44.87
2.557	14.79	53.15	2.36	5.65	1.69	2.08	44.76
2.581	14.79	53.22	2.25	5.61	1.69	2.09	44.84
2.604	14.77	53.28	2.52	5.59	1.68	2.17	44.91
2.629	14.78	53.17	2.9	5.57	1.69	2.4	44.8
2.649	14.78	53.18	2.44	5.57	1.69	2.17	44.81
2.665	14.77	53.26	2.33	5.59	1.69	2.15	44.9
2.673	14.76	53.2	2.14	5.63	1.68	2.06	44.85
2.678	14.77	53.2	2.1	5.69	1.69	2.04	44.84
2.698	14.77	53.27	2.52	5.76	1.68	1.94	44.92
2.73	14.77	53.21	2.33	5.85	1.68	1.88	44.85
2.757	14.77	53.2	2.29	5.94	1.69	1.86	44.83
2.786	14.77	53.27	2.17	6.02	1.68	1.75	44.91
2.812	14.76	53.23	2.36	6.11	1.68	1.69	44.88
2.835	14.76	53.21	2.86	6.19	1.68	1.85	44.85

2.857	14.77	53.26	2.29	6.25	1.68	1.85	44.9
2.879	14.77	53.25	2.48	6.31	1.68	2.02	44.89
2.906	14.77	53.22	2.63	6.35	1.68	1.94	44.86
2.934	14.77	53.22	2.44	6.37	1.67	1.79	44.85
2.955	14.78	53.21	2.48	6.37	1.67	1.79	44.84
2.967	14.78	53.24	2.17	6.35	1.67	1.98	44.87
2.977	14.78	53.28	2.02	6.31	1.67	2.15	44.9
2.992	14.79	53.24	2.06	6.26	1.66	2.11	44.86
3.013	14.79	53.22	2.17	6.19	1.66	2.09	44.84
3.028	14.79	53.21	2.1	6.12	1.65	2.04	44.83
3.041	14.79	53.26	2.17	6.04	1.65	1.96	44.87
3.056	14.79	53.27	2.1	5.97	1.65	1.95	44.88
3.074	14.79	53.22	2.06	5.92	1.64	1.91	44.83
3.098	14.8	53.26	2.14	5.86	1.65	1.84	44.87
3.126	14.8	53.28	2.17	5.82	1.64	1.75	44.88
3.151	14.8	53.22	2.14	5.79	1.64	1.82	44.83
3.168	14.8	53.25	2.21	5.77	1.64	1.98	44.85
3.183	14.79	53.27	2.17	5.76	1.64	1.77	44.88
3.192	14.78	53.27	2.1	5.79	1.67	2.12	44.89
3.193	14.78	53.26	2.1	5.81	1.66	2.4	44.88
3.215	14.79	53.32	1.87	5.83	1.66	2.11	44.93
3.243	14.79	53.25	1.79	5.84	1.65	2.22	44.86
3.268	14.8	53.23	1.87	5.86	1.65	2.09	44.83
3.295	14.79	53.3	1.83	5.86	1.65	1.98	44.91
3.329	14.79	53.29	1.91	5.87	1.65	1.99	44.9
3.372	14.79	53.27	1.72	5.89	1.64	1.95	44.89
3.412	14.79	53.25	1.87	5.9	1.64	2.02	44.86
3.443	14.8	53.27	2.25	5.94	1.64	1.83	44.87
3.466	14.8	53.28	1.87	5.97	1.63	1.75	44.88
3.484	14.8	53.28	1.76	6.01	1.63	1.82	44.88
3.501	14.8	53.29	1.76	6.04	1.63	1.85	44.89
3.524	14.8	53.3	1.56	6.06	1.63	1.93	44.9
3.547	14.81	53.3	1.98	6.06	1.63	1.95	44.89
3.577	14.81	53.33	2.25	6.07	1.62	2.17	44.92
3.61	14.81	53.31	2.86	6.06	1.62	2.07	44.9
3.638	14.81	53.28	2.71	6.04	1.62	2.09	44.87
3.664	14.82	53.35	2.4	6.03	1.62	2.14	44.92
3.688	14.82	53.33	2.29	5.99	1.61	2.39	44.91
3.703	14.82	53.31	2.25	5.97	1.61	2.3	44.88
3.709	14.82	53.37	2.14	5.96	1.61	2.17	44.94
3.716	14.83	53.39	2.14	5.94	1.61	2.08	44.96
3.732	14.83	53.38	2.14	5.92	1.61	2.04	44.94
3.75	14.83	53.38	2.06	5.91	1.6	2.11	44.94
3.771	14.83	53.41	2.06	5.9	1.6	2.27	44.97
3.793	14.83	53.39	2.44	5.9	1.6	2.09	44.95
3.808	14.83	53.41	2.1	5.92	1.6	2.14	44.97
3.825	14.83	53.43	2.1	5.93	1.6	2.18	44.99
3.847	14.83	53.43	1.91	5.94	1.6	1.98	44.99
3.87	14.83	53.43	2.06	5.97	1.6	2.08	44.99
3.893	14.83	53.44	2.29	6.0	1.59	2.12	44.99
3.919	14.83	53.44	2.63	6.02	1.59	1.96	45.0
3.936	14.83	53.44	2.67	6.05	1.59	2.17	44.99
3.953	14.84	53.45	2.56	6.08	1.59	2.09	45.0
3.97	14.84	53.45	2.4	6.12	1.59	2.0	45.0
3.983	14.84	53.45	2.02	6.16	1.59	2.08	45.0
4.002	14.84	53.45	2.14	6.2	1.59	2.02	45.0
4.033	14.84	53.45	2.36	6.25	1.59	2.01	45.0
4.065	14.84	53.45	2.36	6.31	1.58	2.0	45.0

4.092	14.84	53.45	1.95	6.38	1.58	1.88	45.0
4.116	14.84	53.46	2.1	6.45	1.58	2.03	45.01
4.142	14.84	53.46	1.95	6.53	1.58	1.99	45.01
4.165	14.84	53.46	2.21	6.61	1.58	2.56	45.01
4.184	14.84	53.46	2.02	6.7	1.58	2.0	45.01
4.201	14.84	53.46	2.33	6.81	1.57	1.94	45.01
4.219	14.84	53.46	2.14	6.92	1.57	2.0	45.01
4.242	14.84	53.46	2.63	7.04	1.57	2.01	45.01
4.275	14.84	53.46	2.48	7.15	1.57	1.96	45.01
4.309	14.84	53.46	2.52	7.27	1.56	1.9	45.01
4.335	14.84	53.46	2.21	7.37	1.56	1.98	45.01
4.361	14.84	53.46	2.25	7.45	1.56	2.17	45.01
4.387	14.84	53.46	2.1	7.51	1.56	2.18	45.01
4.412	14.84	53.46	2.1	7.54	1.56	2.22	45.01
4.433	14.84	53.46	2.25	7.54	1.56	2.02	45.01
4.454	14.84	53.46	2.1	7.52	1.57	2.04	45.01
4.477	14.84	53.46	2.17	7.5	1.57	2.1	45.01
4.496	14.84	53.46	2.21	7.47	1.56	2.27	45.01
4.511	14.84	53.46	2.14	7.44	1.55	2.21	45.01
4.53	14.84	53.46	1.98	7.43	1.55	2.04	45.01
4.564	14.84	53.46	2.14	7.41	1.55	2.19	45.01
4.605	14.84	53.46	2.06	7.4	1.55	2.08	45.01
4.638	14.84	53.46	1.87	7.4	1.54	1.88	45.01
4.652	14.84	53.47	1.95	7.39	1.54	1.92	45.01
4.656	14.84	53.47	1.91	7.38	1.54	1.89	45.02
4.66	14.84	53.47	3.13	7.37	1.54	1.83	45.01
4.663	14.84	53.47	3.78	7.35	1.54	1.77	45.01
4.665	14.84	53.47	6.71	7.33	1.54	1.85	45.01



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.59	52.76	1.14	5.65	1.57	1.94	44.46
PROF (metros)	0.726	0.832	1.137	0.832	6.097	6.114	2.103
MÁXIMO	15.13	15.13	2.67	7.53	3.21	3.23	45.04
PROF (metros)	6.111	5.782	4.331	5.748	0.743	1.302	5.748

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.68	52.9	1.48	5.9	3.05	2.63	44.66
1 - 2m	14.81	53.11	1.58	6.17	2.69	2.51	44.7
2 - 3m	14.91	53.35	1.43	6.25	2.33	2.41	44.81
3 - 4m	15.02	53.6	1.49	6.24	2.13	2.54	44.93
4 - 5m	15.11	53.8	1.6	7.14	1.9	2.53	45.02
5 - 6m	15.11	53.82	1.42	7.44	1.67	2.5	45.03
6 - 7m	15.12	53.84	1.78	7.42	1.58	2.24	45.03

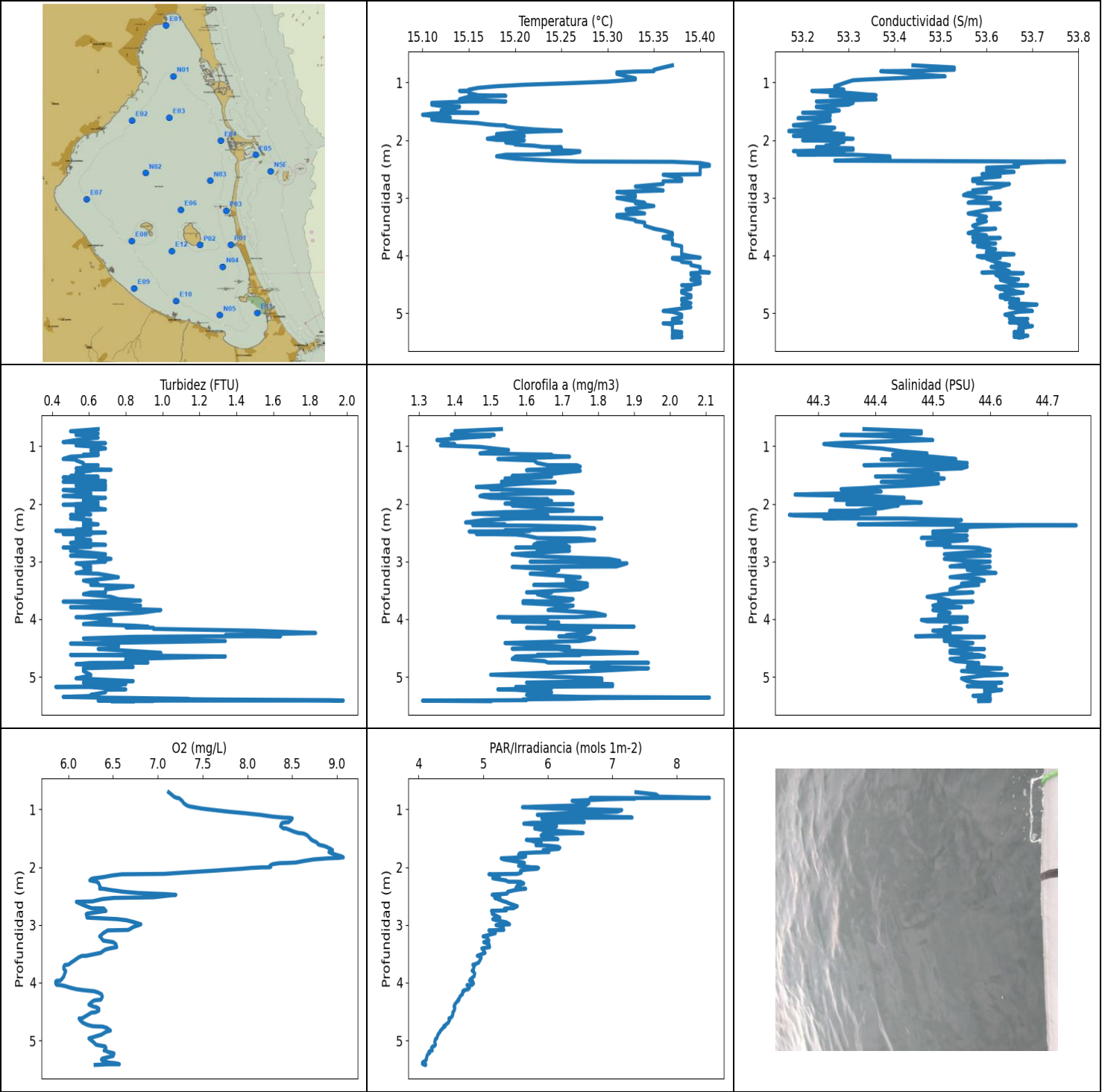
OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m, 5 - 6m, 6 - 7m con los valores 2.63, 2.51, 2.41, 2.54, 2.53, 2.5, 2.24 respectivamente

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)
0.726	14.59	52.8	1.53	6.41	3.17	2.2	44.66
0.728	14.61	52.91	1.34	6.2	3.17	2.33	44.75
0.743	14.63	52.87	1.37	6.14	3.21	2.66	44.68
0.759	14.66	52.77	1.37	6.08	3.09	3.03	44.56
0.77	14.67	52.81	1.37	6.02	2.77	2.78	44.59
0.78	14.65	52.85	1.3	5.97	3.17	2.58	44.65
0.788	14.63	52.77	1.37	5.92	2.96	2.6	44.59
0.795	14.63	52.78	1.49	5.87	2.96	2.59	44.6
0.799	14.64	52.86	1.6	5.73	3.14	2.62	44.67
0.813	14.64	52.9	1.6	5.69	2.95	2.34	44.71
0.832	14.67	52.76	1.41	5.65	2.9	2.64	44.54
0.835	14.68	52.92	1.56	5.66	2.89	2.9	44.68
0.849	14.71	52.8	1.6	5.68	3.17	2.85	44.52
0.861	14.76	53.03	1.68	5.75	3.12	2.78	44.69
0.885	14.75	53.11	1.41	5.76	2.96	2.46	44.77
0.913	14.77	53.07	1.53	5.78	3.11	2.59	44.71
0.926	14.7	53.15	1.53	5.9	3.1	2.76	44.87
0.97	14.77	52.98	1.53	5.95	2.98	2.62	44.64
1.026	14.7	52.91	1.53	6.34	3.01	2.34	44.65
1.049	14.7	53.01	1.68	6.39	3.04	2.96	44.74
1.069	14.67	52.96	1.37	6.25	2.97	2.66	44.73
1.079	14.65	53.09	1.56	6.19	2.87	2.61	44.88
1.116	14.66	52.97	1.87	6.15	2.75	2.69	44.75
1.137	14.65	53.01	1.14	6.14	2.84	2.59	44.79
1.149	14.69	53.03	1.56	6.18	2.86	2.61	44.78
1.196	14.73	53.06	1.56	6.24	2.76	2.56	44.76
1.248	14.67	53.15	1.41	6.44	2.9	2.76	44.91
1.269	14.74	53.0	1.34	6.45	2.84	3.0	44.69
1.302	14.79	52.97	1.41	6.47	2.74	3.23	44.6
1.325	14.79	53.01	1.45	6.48	2.67	2.69	44.64
1.327	14.76	53.1	1.34	6.51	2.75	2.83	44.75
1.329	14.73	53.1	1.26	6.55	2.78	2.53	44.78
1.351	14.73	53.11	1.41	6.58	2.8	2.66	44.81

1.387	14.74	53.07	1.41	6.61	2.78	2.6	44.75
1.414	14.75	53.0	1.49	6.61	2.73	2.26	44.68
1.424	14.76	53.07	1.3	6.59	2.66	2.42	44.73
1.425	14.75	53.14	1.26	6.54	2.65	2.49	44.8
1.429	14.75	53.11	1.49	6.47	2.68	2.47	44.77
1.453	14.77	53.09	1.68	6.38	2.69	2.8	44.74
1.491	14.79	53.05	1.41	6.3	2.68	2.85	44.67
1.519	14.81	53.02	1.45	6.22	2.64	2.82	44.62
1.528	14.82	53.17	1.45	6.08	2.63	2.46	44.75
1.532	14.83	53.1	1.34	6.02	2.65	2.36	44.67
1.556	14.85	53.05	1.53	5.97	2.63	2.42	44.6
1.583	14.87	53.17	1.37	5.87	2.63	2.33	44.7
1.592	14.87	53.16	1.3	5.86	2.62	2.4	44.68
1.62	14.89	53.06	1.79	5.85	2.6	2.26	44.56
1.654	14.92	53.13	1.76	5.85	2.63	2.33	44.61
1.681	14.92	53.14	1.56	5.86	2.62	2.35	44.6
1.693	14.92	53.13	1.45	5.86	2.58	2.16	44.59
1.705	14.92	53.21	1.72	5.87	2.57	2.11	44.68
1.725	14.93	53.2	1.56	5.87	2.57	2.08	44.65
1.747	14.94	53.08	2.52	5.87	2.57	2.2	44.53
1.763	14.95	53.17	2.25	5.88	2.57	2.37	44.61
1.78	14.93	53.29	2.17	5.88	2.56	2.65	44.74
1.813	14.93	53.24	2.29	5.89	2.51	2.24	44.69
1.869	14.95	53.14	2.48	5.89	2.49	2.24	44.58
1.896	14.97	53.29	1.45	5.9	2.49	2.33	44.7
1.916	14.98	53.47	1.76	5.88	2.48	2.29	44.86
1.999	15.0	53.41	1.34	5.87	2.46	2.3	44.77
2.103	15.02	53.1	1.41	5.85	2.42	2.33	44.46
2.144	14.94	53.31	1.56	5.84	2.44	2.29	44.75
2.168	14.95	53.42	1.34	5.89	2.43	2.51	44.84
2.243	14.97	53.26	1.49	5.94	2.41	2.59	44.67
2.305	14.89	53.42	1.3	6.12	2.39	2.39	44.91
2.309	14.91	53.33	1.49	6.12	2.4	2.4	44.8
2.361	14.93	53.27	1.45	6.11	2.39	2.56	44.72
2.398	14.88	53.32	1.37	6.12	2.36	2.49	44.83
2.454	14.91	53.29	1.41	6.16	2.34	2.11	44.76
2.545	14.93	53.3	1.41	6.19	2.33	2.09	44.74
2.547	14.85	53.48	1.41	6.27	2.33	2.4	45.01
2.553	14.88	53.43	1.34	6.27	2.33	2.53	44.93
2.62	14.93	53.31	1.37	6.27	2.31	2.46	44.76
2.628	14.85	53.43	1.45	6.47	2.32	2.38	44.97
2.657	14.88	53.35	1.45	6.54	2.31	2.21	44.85
2.731	14.91	53.33	1.49	6.59	2.3	2.46	44.79
2.8	14.91	53.34	1.37	6.61	2.28	2.23	44.8
2.807	14.88	53.43	1.41	6.49	2.28	2.41	44.94
2.828	14.89	53.4	1.53	6.41	2.28	2.68	44.89
2.865	14.92	53.3	1.45	6.33	2.29	2.59	44.76
2.896	14.92	53.36	1.45	6.26	2.29	2.62	44.82
2.897	14.91	53.4	1.3	6.25	2.27	2.2	44.86
2.919	14.91	53.39	1.6	6.3	2.28	2.4	44.86
2.946	14.92	53.34	1.49	6.36	2.29	2.44	44.8
2.983	14.92	53.41	1.49	6.4	2.29	2.5	44.87
3.008	14.91	53.36	1.45	6.42	2.28	2.34	44.82
3.026	14.92	53.4	1.91	6.41	2.26	2.62	44.86
3.049	14.92	53.39	1.72	6.37	2.25	2.69	44.85
3.077	14.96	53.5	1.53	6.02	2.25	2.53	44.91
3.122	14.98	53.46	1.53	5.97	2.24	2.56	44.84
3.165	14.95	53.42	1.37	5.94	2.24	2.59	44.85

3.19	14.96	53.47	1.45	6.0	2.23	2.89	44.87
3.223	14.93	53.53	1.64	6.27	2.23	2.36	44.97
3.249	14.94	53.49	1.45	6.27	2.22	2.5	44.91
3.309	14.98	53.39	1.34	6.28	2.21	2.35	44.78
3.316	14.94	53.57	1.37	6.35	2.21	2.33	45.0
3.361	14.97	53.51	1.3	6.37	2.18	2.42	44.9
3.455	15.0	53.48	1.34	6.38	2.1	2.36	44.84
3.462	15.03	53.64	1.49	6.38	2.1	2.4	44.96
3.515	15.05	53.56	1.37	6.36	2.08	2.41	44.86
3.572	15.08	53.7	1.45	6.12	2.07	2.47	44.95
3.614	15.09	53.68	1.49	6.09	2.06	2.52	44.92
3.674	15.1	53.76	1.56	6.1	2.05	2.45	44.99
3.72	15.1	53.76	1.45	6.12	2.04	2.4	44.99
3.776	15.1	53.76	1.34	6.14	2.03	2.8	44.99
3.813	15.1	53.75	1.68	6.18	2.03	3.06	44.98
3.827	15.1	53.76	1.41	6.21	2.03	2.53	44.98
3.83	15.1	53.77	1.41	6.24	2.03	2.56	45.0
3.831	15.1	53.77	1.41	6.29	2.02	2.46	45.0
3.852	15.1	53.78	1.56	6.35	2.01	2.51	45.0
3.894	15.1	53.78	1.45	6.41	2.0	2.59	45.0
3.952	15.1	53.78	1.91	6.49	1.99	2.78	45.01
4.013	15.1	53.78	1.72	6.55	1.98	2.74	45.01
4.061	15.1	53.78	1.49	6.58	1.98	2.3	45.01
4.089	15.1	53.78	1.53	6.63	1.97	2.33	45.01
4.111	15.1	53.79	1.45	6.69	1.96	2.38	45.01
4.142	15.1	53.79	1.37	6.76	1.96	2.47	45.01
4.179	15.1	53.79	1.34	6.83	1.95	2.49	45.02
4.219	15.1	53.79	1.41	6.9	1.94	2.47	45.02
4.26	15.1	53.79	1.56	6.97	1.93	2.41	45.02
4.292	15.1	53.79	1.6	7.05	1.93	2.61	45.02
4.317	15.1	53.79	1.83	7.15	1.92	2.63	45.02
4.331	15.1	53.79	2.67	7.22	1.92	2.7	45.02
4.338	15.1	53.8	1.68	7.29	1.92	2.49	45.02
4.351	15.1	53.8	1.56	7.34	1.92	2.53	45.02
4.369	15.11	53.8	1.68	7.39	1.91	2.83	45.02
4.405	15.11	53.8	1.87	7.41	1.9	2.78	45.02
4.45	15.11	53.8	1.6	7.41	1.89	2.62	45.02
4.49	15.11	53.8	1.64	7.4	1.89	2.38	45.02
4.518	15.11	53.8	1.56	7.4	1.88	2.24	45.02
4.535	15.11	53.81	1.53	7.39	1.88	2.1	45.02
4.563	15.11	53.81	1.49	7.38	1.87	2.46	45.02
4.596	15.11	53.81	1.76	7.37	1.86	2.42	45.02
4.634	15.11	53.81	1.41	7.34	1.85	2.44	45.02
4.684	15.11	53.81	1.41	7.31	1.84	2.5	45.02
4.743	15.11	53.81	1.56	7.28	1.83	2.65	45.03
4.803	15.11	53.81	1.49	7.25	1.82	2.49	45.03
4.857	15.11	53.81	1.53	7.23	1.81	2.84	45.03
4.897	15.11	53.81	1.49	7.22	1.8	2.82	45.03
4.937	15.11	53.81	1.45	7.23	1.79	2.66	45.03
5.007	15.11	53.81	1.45	7.24	1.77	2.57	45.03
5.095	15.11	53.81	1.49	7.26	1.75	2.43	45.03
5.163	15.11	53.81	1.37	7.27	1.75	2.65	45.03
5.196	15.11	53.81	1.45	7.33	1.75	2.4	45.03
5.197	15.11	53.81	1.18	7.36	1.74	2.43	45.03
5.236	15.11	53.81	1.49	7.39	1.72	2.57	45.03
5.313	15.11	53.81	1.3	7.41	1.71	2.4	45.03
5.381	15.11	53.82	1.45	7.43	1.7	2.62	45.03
5.429	15.11	53.82	1.41	7.43	1.7	2.53	45.03

5.461	15.11	53.82	1.22	7.43	1.69	2.46	45.03
5.466	15.11	53.82	1.37	7.43	1.69	2.46	45.03
5.509	15.11	53.82	1.37	7.44	1.67	2.59	45.03
5.594	15.11	53.82	1.37	7.45	1.65	2.82	45.03
5.668	15.11	53.82	1.34	7.47	1.65	2.58	45.03
5.715	15.11	53.82	1.45	7.49	1.64	2.58	45.03
5.748	15.11	53.83	1.49	7.53	1.64	2.46	45.04
5.768	15.12	53.83	1.37	7.53	1.64	2.28	45.04
5.782	15.12	53.84	1.49	7.52	1.63	2.27	45.04
5.814	15.12	53.84	1.45	7.53	1.63	2.42	45.04
5.857	15.12	53.84	1.45	7.52	1.62	2.43	45.03
5.887	15.12	53.84	1.41	7.52	1.62	2.29	45.04
5.896	15.12	53.84	1.34	7.5	1.61	2.41	45.03
5.906	15.12	53.84	1.49	7.49	1.61	2.47	45.03
5.94	15.12	53.84	1.49	7.47	1.6	2.75	45.03
5.988	15.12	53.84	1.76	7.45	1.59	2.62	45.03
6.025	15.12	53.84	1.45	7.43	1.59	2.39	45.03
6.047	15.12	53.84	1.76	7.42	1.59	2.35	45.03
6.069	15.12	53.84	1.53	7.41	1.58	2.48	45.03
6.097	15.12	53.83	1.72	7.41	1.57	2.15	45.03
6.111	15.12	53.84	2.29	7.41	1.57	2.26	45.04
6.112	15.13	53.84	2.1	7.42	1.57	2.14	45.03
6.114	15.13	53.84	1.64	7.43	1.57	1.94	45.04



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	15.1	53.17	0.42	5.86	4.06	1.31	44.25
PROF (metros)	1.559	1.839	2.466	3.981	5.383	5.415	2.191
MÁXIMO	15.41	15.41	1.98	9.07	8.51	2.11	44.75
PROF (metros)	2.426	2.373	5.412	1.83	0.8	5.361	2.373

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	15.33	53.41	0.58	7.27	6.89	1.42	44.4
1 - 2m	15.16	53.25	0.59	8.61	5.97	1.6	44.43
2 - 3m	15.31	53.48	0.57	6.71	5.39	1.62	44.49
3 - 4m	15.35	53.6	0.66	6.2	4.97	1.69	44.55
4 - 5m	15.39	53.64	0.86	6.23	4.55	1.7	44.55
5 - 6m	15.37	53.67	0.85	6.42	4.14	1.63	44.59

OBSERVACIONES GENERALES

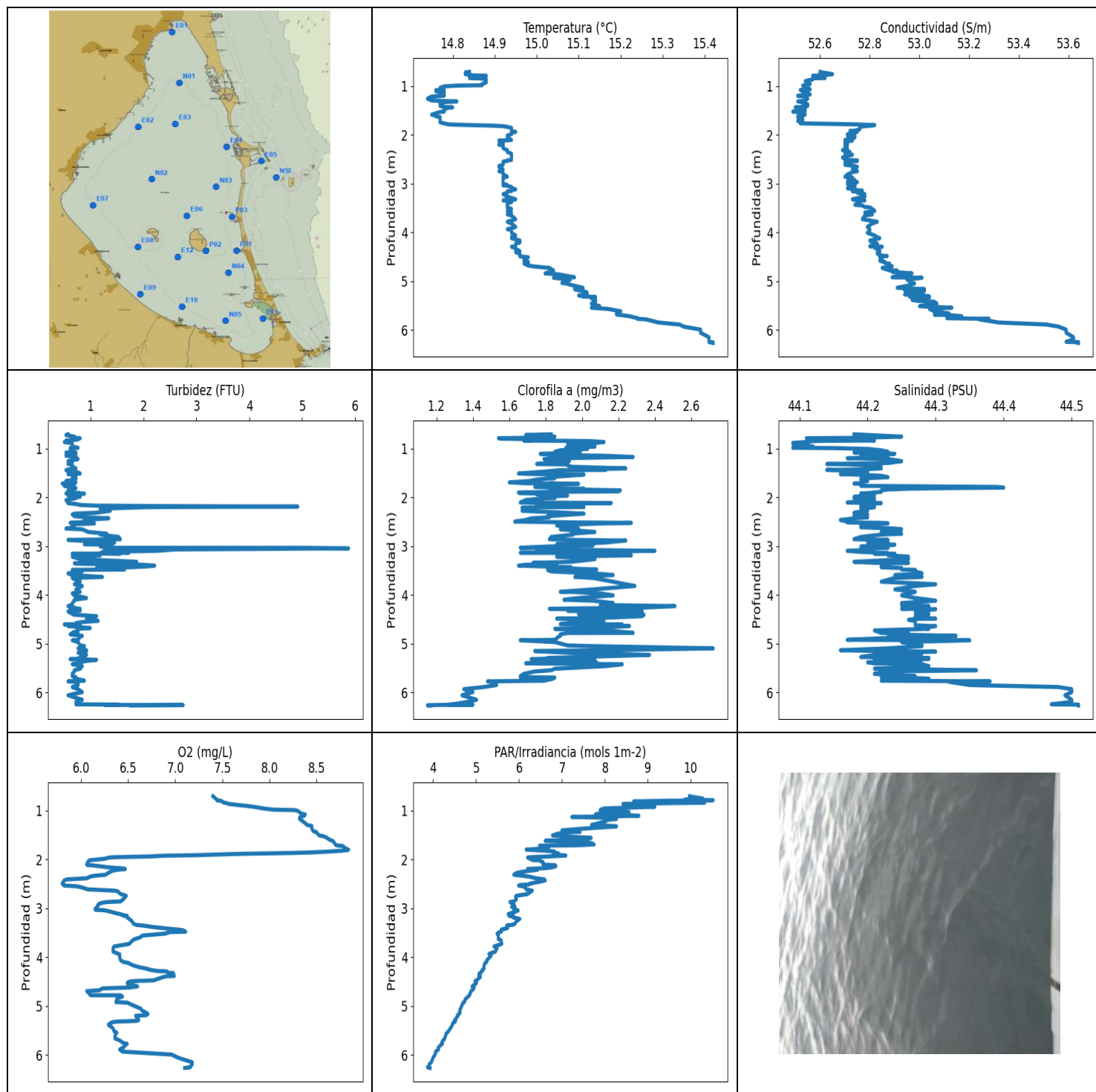
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.702	15.37	53.44	0.65	7.12	7.37	1.53	44.38
0.739	15.36	53.53	0.5	7.15	7.68	1.4	44.48
0.779	15.35	53.53	0.65	7.18	7.73	1.43	44.48
0.8	15.35	53.42	0.57	7.21	8.51	1.39	44.39
0.804	15.35	53.37	0.53	7.23	6.66	1.51	44.34
0.81	15.33	53.38	0.61	7.24	7.36	1.45	44.37
0.824	15.31	53.41	0.57	7.25	6.93	1.5	44.41
0.85	15.31	53.44	0.65	7.27	6.38	1.43	44.45
0.893	15.32	53.51	0.53	7.29	6.64	1.35	44.5
0.927	15.33	53.4	0.46	7.32	6.59	1.38	44.38
0.947	15.33	53.34	0.69	7.35	5.95	1.37	44.33
0.961	15.32	53.31	0.57	7.4	5.61	1.4	44.31
0.985	15.3	53.3	0.53	7.49	6.1	1.36	44.33
1.011	15.26	53.29	0.65	7.63	7.15	1.47	44.37
1.039	15.21	53.28	0.69	7.79	7.08	1.51	44.41
1.065	15.18	53.27	0.61	7.97	6.29	1.55	44.43
1.093	15.16	53.27	0.65	8.14	5.84	1.5	44.45
1.124	15.15	53.29	0.61	8.28	6.99	1.47	44.49
1.141	15.15	53.24	0.65	8.4	7.31	1.62	44.45
1.145	15.14	53.22	0.57	8.47	6.45	1.67	44.43
1.154	15.15	53.23	0.65	8.5	5.91	1.63	44.43
1.181	15.15	53.3	0.5	8.49	6.03	1.72	44.5
1.221	15.16	53.36	0.46	8.46	6.57	1.52	44.54
1.231	15.19	53.26	0.53	8.39	5.76	1.55	44.41
1.246	15.15	53.31	0.53	8.38	5.63	1.62	44.5
1.291	15.14	53.36	0.57	8.37	6.14	1.63	44.56
1.328	15.19	53.23	0.57	8.4	6.09	1.66	44.38
1.329	15.15	53.27	0.65	8.43	5.8	1.74	44.47
1.353	15.11	53.31	0.61	8.47	5.91	1.75	44.56
1.385	15.11	53.3	0.53	8.52	6.31	1.71	44.55
1.408	15.12	53.25	0.72	8.57	6.55	1.61	44.48
1.416	15.14	53.23	0.61	8.62	6.27	1.6	44.45
1.426	15.14	53.23	0.61	8.64	5.93	1.75	44.44
1.451	15.13	53.26	0.53	8.67	5.9	1.71	44.48
1.486	15.12	53.28	0.57	8.69	6.06	1.66	44.51
1.515	15.14	53.25	0.5	8.71	6.16	1.56	44.46

1.524	15.16	53.2	0.57	8.71	5.77	1.66	44.4
1.528	15.13	53.23	0.65	8.72	5.67	1.67	44.45
1.541	15.11	53.25	0.46	8.73	5.75	1.63	44.5
1.559	15.1	53.26	0.53	8.76	5.8	1.54	44.52
1.581	15.11	53.26	0.61	8.78	5.9	1.61	44.5
1.604	15.13	53.23	0.69	8.79	5.86	1.57	44.45
1.616	15.13	53.2	0.46	8.81	5.82	1.53	44.42
1.62	15.13	53.19	0.5	8.82	5.82	1.65	44.41
1.623	15.13	53.2	0.65	8.83	5.93	1.68	44.43
1.63	15.11	53.23	0.57	8.85	6.03	1.66	44.47
1.645	15.11	53.26	0.53	8.88	6.16	1.6	44.51
1.663	15.12	53.26	0.69	8.9	6.19	1.56	44.49
1.684	15.14	53.24	0.53	8.93	6.17	1.52	44.46
1.705	15.16	53.22	0.69	8.95	5.93	1.46	44.41
1.726	15.17	53.2	0.57	8.92	5.94	1.52	44.38
1.739	15.18	53.18	0.57	8.91	6.02	1.53	44.35
1.745	15.19	53.18	0.69	8.92	5.81	1.5	44.34
1.759	15.19	53.22	0.46	8.94	5.57	1.6	44.38
1.785	15.2	53.27	0.53	8.99	5.55	1.72	44.41
1.813	15.22	53.26	0.61	9.05	5.66	1.73	44.37
1.83	15.24	53.19	0.61	9.07	5.62	1.53	44.29
1.839	15.25	53.17	0.61	9.02	5.42	1.54	44.26
1.846	15.23	53.17	0.61	8.9	5.28	1.48	44.28
1.865	15.2	53.24	0.46	8.74	5.32	1.47	44.39
1.895	15.18	53.29	0.69	8.62	5.49	1.5	44.45
1.919	15.19	53.24	0.61	8.54	5.62	1.66	44.4
1.926	15.2	53.18	0.61	8.45	5.64	1.63	44.33
1.93	15.21	53.19	0.57	8.36	5.64	1.56	44.33
1.948	15.18	53.26	0.57	8.28	5.58	1.67	44.43
1.975	15.17	53.31	0.65	8.25	5.55	1.57	44.48
1.996	15.18	53.26	0.61	8.26	5.71	1.54	44.43
2.002	15.2	53.2	0.53	8.24	5.75	1.56	44.35
2.003	15.21	53.21	0.57	8.16	5.83	1.73	44.35
2.013	15.2	53.26	0.46	8.04	5.86	1.59	44.4
2.028	15.19	53.29	0.65	7.93	5.84	1.56	44.44
2.042	15.19	53.28	0.57	7.79	5.67	1.59	44.43
2.059	15.2	53.28	0.53	7.64	5.58	1.63	44.42
2.077	15.2	53.27	0.65	7.45	5.59	1.63	44.41
2.096	15.22	53.25	0.69	7.26	5.59	1.69	44.38
2.116	15.23	53.26	0.53	7.07	5.53	1.73	44.37
2.123	15.25	53.23	0.53	6.6	5.09	1.69	44.32
2.143	15.24	53.31	0.57	6.49	5.2	1.54	44.4
2.169	15.24	53.31	0.57	6.4	5.25	1.45	44.4
2.183	15.26	53.22	0.61	6.34	5.25	1.5	44.3
2.191	15.27	53.18	0.5	6.29	5.15	1.65	44.25
2.202	15.27	53.2	0.53	6.26	5.2	1.66	44.26
2.228	15.26	53.29	0.57	6.24	5.35	1.53	44.37
2.251	15.22	53.19	0.5	6.31	5.39	1.81	44.31
2.253	15.19	53.31	0.5	6.32	5.58	1.57	44.45
2.281	15.18	53.39	0.61	6.34	5.63	1.48	44.55
2.322	15.2	53.39	0.57	6.35	5.53	1.43	44.53
2.356	15.24	53.27	0.65	6.36	5.51	1.54	44.37
2.371	15.27	53.68	0.57	6.35	5.57	1.45	44.72
2.373	15.32	53.77	0.57	6.37	5.66	1.48	44.75
2.376	15.37	53.73	0.61	6.4	5.62	1.6	44.65
2.397	15.4	53.68	0.57	6.48	5.49	1.75	44.57
2.426	15.41	53.66	0.61	6.62	5.38	1.79	44.54
2.447	15.41	53.66	0.53	6.78	5.38	1.69	44.55

2.458	15.4	53.67	0.61	6.94	5.37	1.54	44.56
2.466	15.4	53.64	0.42	7.08	5.28	1.61	44.53
2.474	15.4	53.61	0.53	7.16	5.15	1.57	44.51
2.479	15.4	53.6	0.53	7.2	5.14	1.44	44.5
2.484	15.4	53.61	0.46	7.16	5.18	1.53	44.5
2.498	15.4	53.61	0.69	7.08	5.23	1.59	44.51
2.521	15.4	53.6	0.46	6.95	5.26	1.46	44.5
2.532	15.4	53.62	0.61	6.51	5.18	1.57	44.52
2.552	15.4	53.66	0.53	6.38	5.23	1.6	44.56
2.592	15.4	53.59	0.57	6.27	5.32	1.63	44.48
2.6	15.36	53.61	0.53	6.09	5.35	1.75	44.55
2.63	15.37	53.63	0.61	6.13	5.41	1.79	44.56
2.676	15.38	53.57	0.5	6.2	5.53	1.63	44.49
2.711	15.38	53.57	0.69	6.26	5.47	1.62	44.49
2.713	15.36	53.59	0.65	6.38	5.39	1.69	44.53
2.719	15.36	53.59	0.57	6.4	5.33	1.71	44.52
2.748	15.36	53.58	0.61	6.41	5.36	1.72	44.52
2.757	15.36	53.63	0.46	6.42	5.13	1.57	44.57
2.761	15.36	53.65	0.53	6.4	5.15	1.69	44.58
2.804	15.33	53.63	0.53	6.21	5.14	1.63	44.6
2.814	15.34	53.63	0.5	6.2	5.15	1.72	44.6
2.873	15.36	53.57	0.69	6.21	5.26	1.56	44.52
2.9	15.31	53.6	0.5	6.55	5.15	1.6	44.6
2.919	15.32	53.56	0.65	6.65	5.21	1.67	44.54
2.955	15.33	53.55	0.72	6.74	5.36	1.83	44.52
2.989	15.33	53.58	0.65	6.81	5.41	1.86	44.56
3.002	15.31	53.61	0.69	6.79	5.2	1.61	44.6
3.032	15.32	53.59	0.53	6.73	5.31	1.88	44.57
3.087	15.34	53.56	0.61	6.67	5.32	1.85	44.53
3.095	15.33	53.63	0.57	6.44	5.09	1.56	44.6
3.143	15.35	53.61	0.61	6.39	5.19	1.69	44.56
3.199	15.32	53.63	0.53	6.35	5.0	1.67	44.61
3.212	15.32	53.6	0.65	6.36	5.06	1.61	44.58
3.272	15.34	53.56	0.76	6.39	5.09	1.75	44.53
3.298	15.31	53.58	0.69	6.5	5.01	1.71	44.58
3.33	15.31	53.6	0.57	6.53	5.09	1.71	44.59
3.385	15.33	53.58	0.65	6.54	5.1	1.77	44.55
3.407	15.33	53.6	0.61	6.46	4.98	1.62	44.58
3.429	15.34	53.59	0.84	6.41	5.0	1.77	44.55
3.484	15.34	53.57	0.69	6.36	5.03	1.75	44.53
3.535	15.35	53.58	0.69	6.2	4.91	1.6	44.53
3.537	15.35	53.62	0.61	6.15	4.93	1.67	44.57
3.567	15.36	53.58	0.57	6.11	4.97	1.63	44.52
3.613	15.37	53.56	0.72	6.07	4.95	1.66	44.49
3.653	15.37	53.6	0.76	6.03	4.93	1.73	44.52
3.679	15.36	53.59	0.88	6.01	4.88	1.72	44.53
3.691	15.36	53.57	0.57	5.99	4.84	1.66	44.51
3.692	15.36	53.59	0.5	5.97	4.85	1.59	44.53
3.696	15.36	53.63	0.46	5.96	4.87	1.62	44.57
3.721	15.37	53.59	0.69	5.95	4.86	1.59	44.52
3.765	15.37	53.57	0.88	5.95	4.85	1.73	44.5
3.793	15.37	53.62	0.5	5.97	4.83	1.71	44.55
3.808	15.37	53.6	0.69	5.97	4.85	1.69	44.52
3.841	15.38	53.58	0.99	5.96	4.87	1.66	44.5
3.89	15.38	53.62	0.88	5.95	4.86	1.79	44.53
3.933	15.38	53.6	0.65	5.93	4.81	1.82	44.51
3.964	15.38	53.6	0.57	5.91	4.79	1.74	44.51
3.967	15.38	53.64	0.53	5.87	4.83	1.52	44.56

3.981	15.38	53.66	0.65	5.86	4.84	1.66	44.56
4.014	15.39	53.58	0.72	5.86	4.85	1.59	44.48
4.038	15.4	53.59	0.69	5.87	4.83	1.56	44.49
4.042	15.37	53.63	0.72	5.91	4.75	1.57	44.56
4.057	15.37	53.6	0.65	5.96	4.77	1.69	44.53
4.086	15.38	53.61	0.57	6.02	4.79	1.66	44.53
4.113	15.38	53.62	0.84	6.09	4.77	1.67	44.53
4.13	15.39	53.63	0.92	6.17	4.71	1.9	44.53
4.14	15.39	53.62	0.8	6.23	4.69	1.72	44.52
4.149	15.39	53.64	0.95	6.29	4.7	1.6	44.54
4.169	15.39	53.65	0.95	6.33	4.68	1.69	44.55
4.2	15.4	53.61	1.49	6.37	4.68	1.78	44.5
4.24	15.4	53.64	1.83	6.38	4.64	1.77	44.53
4.278	15.4	53.65	1.34	6.37	4.63	1.71	44.53
4.296	15.41	53.59	1.64	6.36	4.61	1.71	44.47
4.299	15.4	53.64	1.18	6.33	4.61	1.69	44.53
4.307	15.39	53.68	0.84	6.29	4.62	1.75	44.59
4.335	15.39	53.62	0.57	6.26	4.59	1.79	44.52
4.379	15.4	53.63	1.34	6.23	4.56	1.75	44.52
4.414	15.39	53.67	0.69	6.28	4.55	1.54	44.57
4.423	15.39	53.63	0.5	6.31	4.56	1.56	44.53
4.447	15.4	53.64	0.76	6.34	4.56	1.63	44.53
4.485	15.4	53.66	0.76	6.34	4.55	1.72	44.56
4.514	15.39	53.67	0.72	6.3	4.53	1.56	44.57
4.518	15.38	53.69	0.65	6.26	4.53	1.69	44.59
4.546	15.39	53.62	0.8	6.23	4.53	1.71	44.53
4.584	15.39	53.63	0.99	6.19	4.52	1.91	44.53
4.612	15.38	53.66	0.99	6.16	4.49	1.72	44.57
4.619	15.38	53.64	0.69	6.14	4.47	1.63	44.55
4.62	15.38	53.66	0.5	6.12	4.48	1.75	44.58
4.647	15.38	53.68	1.34	6.13	4.48	1.57	44.59
4.691	15.39	53.63	0.8	6.16	4.46	1.56	44.53
4.729	15.39	53.63	0.8	6.21	4.42	1.65	44.54
4.753	15.38	53.66	0.92	6.27	4.39	1.66	44.57
4.758	15.38	53.64	0.76	6.33	4.41	1.94	44.56
4.76	15.38	53.67	0.61	6.38	4.4	1.82	44.58
4.783	15.38	53.67	0.53	6.43	4.38	1.83	44.58
4.829	15.39	53.65	0.84	6.47	4.34	1.78	44.56
4.852	15.38	53.71	0.57	6.42	4.33	1.94	44.62
4.9	15.39	53.65	0.57	6.37	4.3	1.79	44.55
4.965	15.36	53.7	0.61	6.23	4.28	1.5	44.63
4.979	15.37	53.67	0.61	6.24	4.26	1.57	44.59
5.028	15.38	53.64	0.53	6.28	4.25	1.81	44.55
5.075	15.38	53.66	0.84	6.31	4.26	1.81	44.56
5.101	15.37	53.65	0.57	6.4	4.24	1.6	44.58
5.102	15.37	53.69	0.8	6.41	4.22	1.69	44.62
5.128	15.37	53.68	0.8	6.42	4.2	1.84	44.6
5.164	15.38	53.65	0.72	6.41	4.21	1.84	44.56
5.176	15.37	53.69	0.42	6.4	4.21	1.57	44.61
5.178	15.36	53.68	0.61	6.42	4.18	1.59	44.61
5.198	15.37	53.67	0.69	6.44	4.16	1.67	44.59
5.219	15.37	53.68	0.8	6.5	4.17	1.52	44.59
5.226	15.37	53.7	0.69	6.51	4.15	1.57	44.62
5.269	15.37	53.67	0.69	6.5	4.13	1.67	44.59
5.314	15.37	53.68	0.61	6.38	4.12	1.6	44.6
5.33	15.38	53.66	0.65	6.37	4.12	1.62	44.57
5.349	15.38	53.68	0.46	6.38	4.11	1.75	44.59
5.361	15.37	53.68	0.65	6.4	4.09	2.11	44.6

5.369	15.37	53.66	0.84	6.42	4.08	1.81	44.59
5.383	15.37	53.68	1.14	6.45	4.06	1.73	44.6
5.39	15.37	53.67	1.14	6.49	4.06	1.61	44.58
5.394	15.38	53.69	1.26	6.52	4.06	1.59	44.6
5.406	15.37	53.67	1.91	6.56	4.06	1.6	44.59
5.412	15.38	53.66	1.98	6.57	4.07	1.43	44.58
5.413	15.38	53.67	1.03	6.45	4.09	1.43	44.58
5.415	15.38	53.67	0.65	6.41	4.11	1.31	44.58
5.419	15.38	53.68	0.95	6.37	4.09	1.4	44.6
5.422	15.37	53.67	0.72	6.33	4.09	1.46	44.59
5.424	15.37	53.67	0.84	6.3	4.1	1.5	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	14.74	52.49	0.46	5.8	3.87	1.15	44.09
PROF (metros)	1.256	1.521	1.714	2.494	6.249	6.263	0.881
MÁXIMO	15.42	15.42	5.88	8.84	10.52	2.72	44.51
PROF (metros)	6.253	6.249	3.043	1.798	0.785	5.094	6.247

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	14.86	52.58	0.65	7.62	9.28	1.85	44.15
1 - 2m	14.82	52.6	0.64	8.27	7.21	1.88	44.21
2 - 3m	14.92	52.72	1.17	6.18	6.23	1.9	44.2
3 - 4m	14.93	52.76	1.39	6.53	5.7	1.94	44.23
4 - 5m	14.98	52.86	0.76	6.56	5.0	2.05	44.27
5 - 6m	15.16	53.09	0.78	6.48	4.4	1.84	44.28
6 - 7m	15.41	53.62	1.39	7.14	3.92	1.28	44.5

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 4 - 5m con los valores 2.05 respectivamente

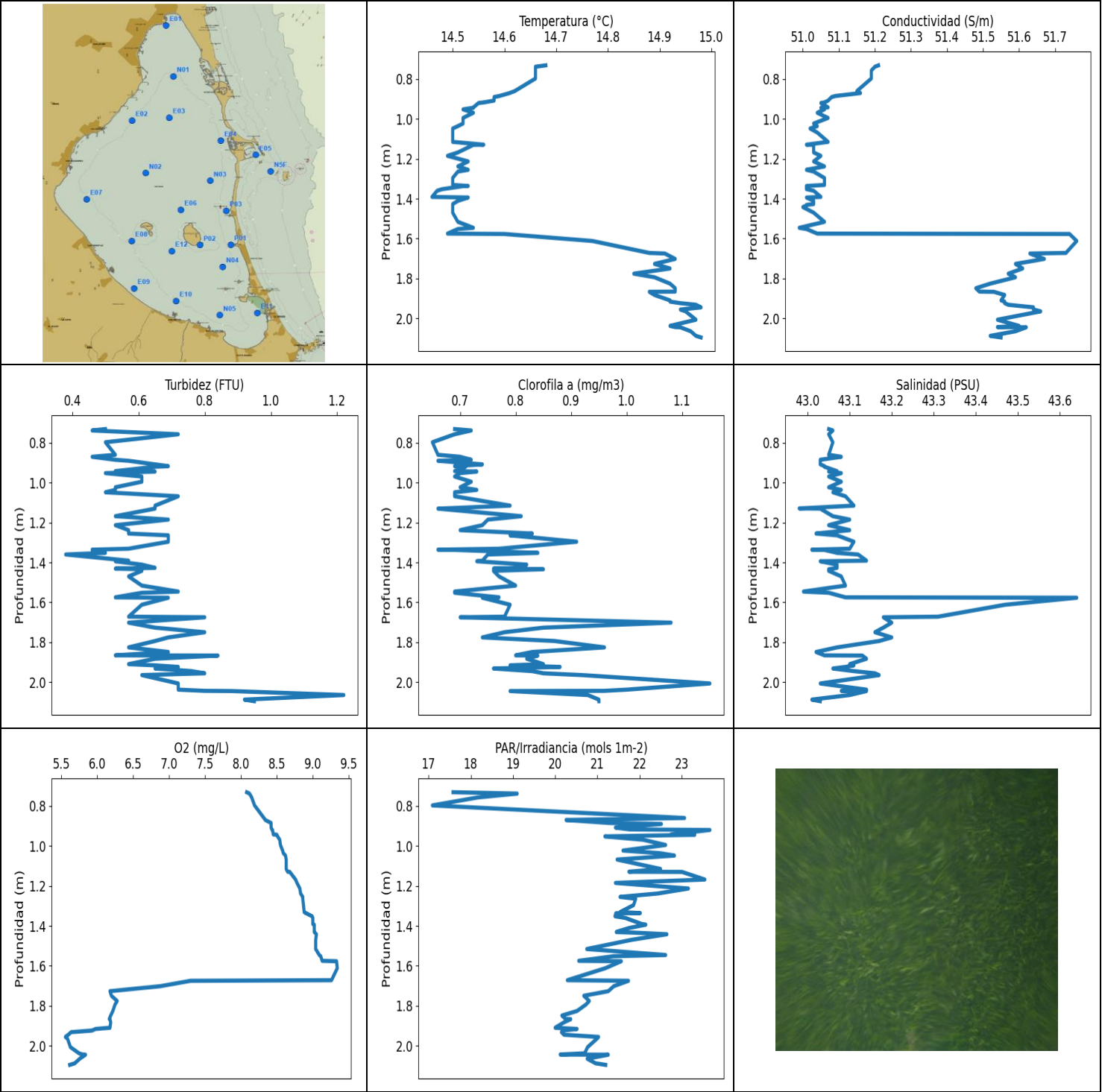
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.705	14.84	52.6	0.57	7.4	9.97	1.83	44.18
0.719	14.83	52.61	0.53	7.41	10.04	1.69	44.2
0.753	14.83	52.65	0.69	7.43	10.28	1.85	44.25
0.779	14.85	52.61	0.72	7.44	9.85	1.67	44.18
0.785	14.88	52.57	0.8	7.45	10.52	1.54	44.11
0.795	14.88	52.58	0.69	7.45	10.17	1.56	44.12
0.796	14.85	52.59	0.72	7.48	9.52	1.59	44.16
0.812	14.84	52.61	0.76	7.5	8.67	1.81	44.2
0.833	14.84	52.62	0.53	7.51	9.49	1.68	44.21
0.839	14.86	52.57	0.65	7.53	10.32	1.92	44.13
0.844	14.87	52.57	0.61	7.54	9.66	2.04	44.12
0.863	14.88	52.57	0.5	7.57	8.42	2.12	44.11
0.881	14.88	52.55	0.61	7.65	8.57	2.08	44.09
0.897	14.88	52.54	0.65	7.73	8.62	1.92	44.09
0.921	14.88	52.55	0.65	7.83	9.16	2.0	44.1
0.956	14.87	52.56	0.65	7.94	7.98	2.07	44.12
0.981	14.87	52.54	0.76	8.04	7.9	1.91	44.09
0.988	14.81	52.53	0.61	8.26	7.89	2.0	44.15
1.004	14.78	52.55	0.65	8.3	8.14	2.03	44.2
1.033	14.77	52.55	0.61	8.32	8.56	1.88	44.22
1.064	14.77	52.56	0.65	8.34	7.83	1.85	44.23
1.078	14.78	52.52	0.72	8.38	7.78	1.88	44.18
1.08	14.76	52.54	0.53	8.38	8.25	1.99	44.21
1.105	14.76	52.55	0.57	8.37	8.79	1.77	44.24
1.131	14.78	52.53	0.72	8.33	7.23	1.85	44.19
1.144	14.77	52.55	0.53	8.32	8.04	2.11	44.22
1.169	14.78	52.56	0.72	8.32	8.27	2.28	44.23
1.196	14.78	52.51	0.69	8.34	8.0	1.87	44.17
1.212	14.75	52.54	0.76	8.35	8.03	1.79	44.23
1.256	14.74	52.55	0.57	8.38	7.86	1.93	44.25
1.294	14.75	52.54	0.65	8.4	7.69	1.82	44.23
1.314	14.81	52.51	0.57	8.45	8.18	1.75	44.14
1.322	14.79	52.52	0.65	8.45	8.27	1.91	44.17
1.341	14.77	52.53	0.65	8.45	7.95	1.92	44.2

1.371	14.77	52.55	0.65	8.45	7.45	1.94	44.22
1.404	14.77	52.55	0.72	8.46	7.0	2.24	44.22
1.426	14.78	52.53	0.57	8.47	7.02	2.02	44.19
1.435	14.8	52.5	0.57	8.49	7.42	2.13	44.14
1.44	14.79	52.51	0.53	8.5	7.19	1.88	44.15
1.471	14.78	52.54	0.72	8.51	6.9	1.79	44.2
1.509	14.78	52.54	0.8	8.53	6.78	1.65	44.2
1.521	14.78	52.49	0.57	8.57	7.06	1.75	44.16
1.529	14.77	52.51	0.69	8.58	7.11	2.01	44.18
1.556	14.76	52.53	0.65	8.61	7.68	1.92	44.22
1.585	14.75	52.54	0.72	8.63	7.58	1.81	44.23
1.604	14.76	52.52	0.65	8.65	6.97	1.85	44.2
1.618	14.76	52.51	0.72	8.67	6.61	1.79	44.19
1.634	14.77	52.51	0.69	8.68	7.18	1.75	44.19
1.663	14.77	52.53	0.53	8.69	7.68	1.71	44.2
1.691	14.77	52.53	0.72	8.7	7.75	1.6	44.19
1.708	14.77	52.52	0.65	8.71	7.38	1.69	44.19
1.713	14.77	52.51	0.57	8.72	6.9	1.85	44.18
1.714	14.77	52.51	0.46	8.73	6.58	1.82	44.18
1.716	14.77	52.52	0.53	8.74	6.48	1.94	44.19
1.72	14.77	52.52	0.57	8.76	6.54	1.98	44.19
1.727	14.77	52.52	0.69	8.78	6.56	1.88	44.19
1.741	14.77	52.53	0.61	8.79	6.7	1.75	44.19
1.762	14.78	52.52	0.5	8.8	6.67	1.77	44.19
1.784	14.79	52.75	0.61	8.82	6.4	1.74	44.39
1.798	14.84	52.82	0.65	8.84	6.17	1.85	44.4
1.808	14.89	52.81	0.72	8.83	6.37	1.82	44.32
1.82	14.92	52.78	0.61	8.77	6.63	2.01	44.26
1.836	14.93	52.76	0.61	8.64	6.83	1.95	44.23
1.854	14.94	52.76	0.57	8.46	6.82	2.21	44.22
1.867	14.94	52.76	0.65	8.23	6.82	2.04	44.22
1.875	14.94	52.76	0.57	7.97	6.92	2.2	44.22
1.884	14.94	52.76	0.61	7.69	6.83	1.87	44.22
1.898	14.94	52.75	0.61	7.44	6.79	1.65	44.21
1.912	14.94	52.74	0.8	7.21	7.01	1.66	44.2
1.918	14.94	52.72	0.53	7.03	7.09	1.74	44.19
1.923	14.94	52.74	0.88	6.87	6.98	1.8	44.2
1.937	14.95	52.75	0.76	6.74	6.7	1.75	44.21
1.952	14.94	52.74	0.72	6.37	6.3	1.82	44.21
1.959	14.94	52.73	0.57	6.3	6.2	1.92	44.2
1.985	14.94	52.71	0.8	6.25	6.26	1.82	44.18
2.012	14.93	52.71	0.65	6.11	6.32	1.85	44.18
2.014	14.93	52.74	0.72	6.09	6.46	1.8	44.21
2.053	14.93	52.74	0.53	6.07	6.56	1.69	44.21
2.104	14.94	52.7	0.57	6.06	6.56	1.66	44.17
2.114	14.92	52.73	0.57	6.07	6.8	2.16	44.22
2.117	14.91	52.73	0.57	6.11	6.84	1.83	44.22
2.135	14.92	52.7	0.72	6.19	6.86	1.77	44.2
2.154	14.92	52.7	0.8	6.26	6.8	1.75	44.19
2.168	14.92	52.71	1.11	6.34	6.7	1.89	44.2
2.177	14.92	52.71	2.44	6.41	6.6	1.77	44.21
2.186	14.92	52.71	4.92	6.45	6.35	1.88	44.21
2.194	14.91	52.7	3.05	6.47	6.2	1.98	44.19
2.197	14.91	52.7	2.29	6.46	6.26	2.01	44.19
2.201	14.91	52.71	2.02	6.43	6.38	1.72	44.21
2.211	14.92	52.71	1.68	6.38	6.43	1.67	44.2
2.233	14.92	52.7	1.18	6.33	6.21	1.72	44.19
2.273	14.92	52.71	1.37	6.29	5.95	1.67	44.2

2.312	14.93	52.69	1.11	6.26	5.88	1.9	44.18
2.333	14.93	52.71	0.69	6.14	6.09	2.01	44.18
2.349	14.93	52.72	0.65	6.1	6.23	1.94	44.2
2.384	14.94	52.7	0.69	6.06	6.4	1.81	44.18
2.407	14.94	52.73	0.92	5.85	6.59	1.82	44.2
2.428	14.94	52.71	1.34	5.82	6.61	1.72	44.18
2.462	14.94	52.69	0.88	5.81	6.44	1.69	44.16
2.494	14.94	52.7	0.99	5.8	6.25	1.63	44.17
2.512	14.94	52.7	0.76	5.81	6.23	1.95	44.17
2.521	14.93	52.75	0.61	5.82	6.03	2.27	44.22
2.533	14.93	52.75	1.07	5.82	5.99	2.11	44.23
2.547	14.92	52.72	0.69	5.95	6.08	2.0	44.21
2.572	14.92	52.7	0.65	6.01	6.15	1.86	44.19
2.611	14.92	52.7	0.69	6.07	6.17	1.95	44.19
2.638	14.91	52.74	0.53	6.36	6.31	1.98	44.24
2.653	14.91	52.75	0.84	6.39	6.28	1.88	44.25
2.707	14.92	52.73	0.95	6.42	6.2	2.07	44.22
2.743	14.91	52.75	1.3	6.48	5.94	1.94	44.25
2.762	14.92	52.73	1.18	6.47	5.92	1.95	44.22
2.81	14.92	52.71	1.53	6.45	5.94	1.83	44.19
2.857	14.93	52.7	1.56	6.42	5.89	1.82	44.18
2.871	14.92	52.73	0.57	6.27	5.79	1.96	44.23
2.884	14.92	52.71	0.76	6.23	5.82	2.24	44.2
2.9	14.92	52.72	1.22	6.2	5.85	2.19	44.2
2.924	14.92	52.74	1.45	6.18	5.88	2.13	44.23
2.949	14.92	52.72	1.41	6.18	5.9	1.98	44.22
2.961	14.92	52.71	0.88	6.17	5.85	1.86	44.2
2.966	14.92	52.75	1.18	6.17	5.83	1.92	44.24
2.982	14.92	52.74	1.37	6.17	5.88	2.06	44.23
3.005	14.92	52.71	1.18	6.15	5.92	1.82	44.19
3.026	14.93	52.72	1.3	6.15	5.88	1.69	44.2
3.031	14.92	52.74	1.26	6.16	5.88	1.66	44.23
3.032	14.92	52.74	1.49	6.18	5.91	1.73	44.22
3.033	14.93	52.72	5.07	6.21	5.94	1.9	44.2
3.043	14.93	52.74	5.88	6.26	5.98	1.75	44.21
3.066	14.94	52.74	2.59	6.31	5.92	1.75	44.21
3.094	14.94	52.71	2.25	6.36	5.83	2.4	44.17
3.116	14.95	52.74	1.22	6.41	5.75	1.98	44.19
3.133	14.94	52.75	1.72	6.44	5.76	1.66	44.22
3.142	14.94	52.77	1.18	6.46	5.87	2.04	44.23
3.15	14.94	52.76	1.56	6.45	5.77	1.94	44.22
3.153	14.93	52.73	0.65	6.49	5.81	2.14	44.21
3.154	14.93	52.76	0.8	6.48	5.82	2.14	44.24
3.187	14.93	52.75	1.18	6.49	5.87	2.27	44.23
3.214	14.92	52.78	0.65	6.51	6.02	1.86	44.26
3.265	14.93	52.78	0.8	6.54	5.94	2.07	44.26
3.319	14.95	52.73	1.87	6.56	5.9	1.94	44.18
3.34	14.94	52.75	1.26	6.59	5.83	1.75	44.21
3.343	14.92	52.78	0.95	6.61	5.77	1.73	44.26
3.348	14.93	52.76	0.69	6.64	5.72	1.83	44.24
3.36	14.94	52.75	0.84	6.69	5.71	1.86	44.22
3.379	14.94	52.76	1.95	6.75	5.73	1.69	44.22
3.397	14.93	52.75	2.21	6.84	5.74	1.65	44.22
3.417	14.93	52.75	2.02	6.93	5.68	1.82	44.23
3.432	14.93	52.74	1.72	7.02	5.59	1.94	44.22
3.447	14.93	52.77	1.11	7.08	5.59	1.87	44.25
3.478	14.93	52.78	1.64	7.11	5.59	2.08	44.25
3.484	14.93	52.8	0.65	6.95	5.55	1.81	44.27

3.517	14.94	52.81	0.84	6.89	5.49	1.83	44.27
3.557	14.93	52.82	0.57	6.65	5.52	2.07	44.28
3.591	14.94	52.78	0.65	6.63	5.52	2.17	44.24
3.63	14.93	52.81	1.22	6.57	5.52	1.96	44.28
3.651	14.94	52.78	0.65	6.55	5.58	2.06	44.24
3.727	14.95	52.77	0.8	6.51	5.6	2.17	44.22
3.78	14.93	52.83	0.69	6.35	5.42	2.24	44.3
3.815	14.94	52.81	0.84	6.34	5.49	2.29	44.27
3.885	14.95	52.79	0.72	6.34	5.45	2.06	44.24
3.934	14.93	52.8	0.8	6.4	5.3	1.88	44.27
3.937	14.94	52.8	0.76	6.41	5.33	1.95	44.27
3.967	14.94	52.8	0.65	6.41	5.35	2.1	44.26
4.007	14.94	52.79	0.69	6.41	5.31	2.17	44.25
4.062	14.95	52.82	0.92	6.42	5.25	1.98	44.27
4.097	14.94	52.83	0.69	6.45	5.25	1.9	44.29
4.117	14.94	52.84	0.69	6.5	5.21	2.06	44.3
4.165	14.96	52.8	0.65	6.55	5.19	2.17	44.25
4.205	14.96	52.81	0.65	6.62	5.18	2.1	44.25
4.228	14.95	52.83	0.57	6.68	5.19	2.51	44.29
4.26	14.95	52.83	0.69	6.74	5.15	2.33	44.28
4.282	14.95	52.8	0.76	6.81	5.15	1.82	44.25
4.285	14.95	52.83	0.8	6.87	5.14	1.95	44.27
4.292	14.94	52.85	0.61	6.91	5.12	1.92	44.3
4.321	14.95	52.82	0.8	6.93	5.11	2.32	44.27
4.323	14.95	52.84	0.72	6.98	5.11	1.92	44.29
4.337	14.95	52.83	0.57	6.98	5.07	2.33	44.28
4.384	14.96	52.84	0.65	6.99	5.07	2.11	44.27
4.389	14.95	52.84	0.65	6.91	5.1	1.98	44.29
4.405	14.95	52.83	0.69	6.87	5.1	2.34	44.28
4.434	14.96	52.83	1.11	6.83	5.06	2.33	44.27
4.474	14.96	52.85	1.03	6.77	5.01	2.08	44.29
4.485	14.96	52.87	0.92	6.6	4.98	1.86	44.3
4.49	14.96	52.84	1.03	6.55	4.98	1.95	44.27
4.508	14.98	52.84	0.95	6.5	5.01	2.11	44.26
4.531	14.97	52.85	1.14	6.49	5.01	2.12	44.27
4.553	14.97	52.85	0.84	6.51	4.97	1.95	44.27
4.577	14.97	52.84	0.72	6.56	4.94	1.92	44.27
4.597	14.97	52.85	0.8	6.6	4.91	1.88	44.27
4.602	14.98	52.86	0.5	6.58	4.96	2.22	44.27
4.62	14.98	52.86	0.72	6.51	4.94	1.97	44.27
4.635	14.97	52.87	0.8	6.28	4.93	2.24	44.29
4.638	14.97	52.88	0.57	6.23	4.95	2.26	44.3
4.677	14.98	52.87	0.99	6.19	4.91	2.03	44.28
4.693	14.99	52.89	0.76	6.06	4.88	1.85	44.29
4.727	15.03	52.85	0.76	6.08	4.87	2.14	44.21
4.778	15.04	52.88	0.65	6.1	4.84	2.28	44.22
4.779	15.03	52.91	0.76	6.42	4.85	1.92	44.26
4.806	15.04	52.89	0.61	6.44	4.81	1.88	44.23
4.839	15.02	52.97	0.84	6.39	4.78	1.88	44.33
4.856	15.05	52.94	0.8	6.38	4.75	1.87	44.27
4.919	15.09	52.89	0.76	6.37	4.73	1.85	44.17
4.929	15.04	53.01	0.65	6.49	4.7	1.66	44.35
4.965	15.08	52.95	0.76	6.53	4.68	1.85	44.25
5.034	15.06	52.97	0.8	6.61	4.65	1.92	44.28
5.047	15.07	52.98	0.88	6.63	4.64	2.04	44.28
5.094	15.09	52.95	0.76	6.65	4.62	2.72	44.23
5.133	15.11	52.91	0.92	6.69	4.63	2.1	44.16
5.148	15.11	52.96	0.92	6.7	4.62	1.74	44.22

5.161	15.09	53.02	0.8	6.71	4.6	1.8	44.3
5.186	15.1	52.94	0.76	6.69	4.57	1.94	44.22
5.198	15.11	53.02	0.84	6.58	4.58	2.09	44.28
5.229	15.12	52.96	0.92	6.59	4.55	2.37	44.21
5.271	15.12	52.94	0.8	6.61	4.53	1.99	44.19
5.291	15.1	53.02	0.8	6.61	4.5	1.81	44.29
5.303	15.11	52.99	0.76	6.58	4.51	1.81	44.25
5.313	15.11	53.04	0.72	6.45	4.52	1.75	44.29
5.315	15.12	52.96	0.61	6.4	4.52	1.72	44.21
5.322	15.14	52.99	0.92	6.36	4.49	1.73	44.22
5.33	15.13	53.04	1.11	6.33	4.49	2.07	44.28
5.351	15.13	53.01	0.92	6.31	4.46	1.94	44.24
5.38	15.14	52.97	0.8	6.29	4.45	2.08	44.2
5.401	15.14	52.99	0.76	6.3	4.44	1.69	44.21
5.42	15.14	53.06	0.65	6.32	4.43	2.22	44.28
5.458	15.13	53.07	0.84	6.34	4.4	2.13	44.29
5.512	15.15	53.0	0.8	6.35	4.36	1.85	44.21
5.543	15.13	53.13	0.69	6.38	4.33	1.83	44.36
5.568	15.17	53.04	0.69	6.37	4.3	1.74	44.23
5.617	15.2	53.06	0.65	6.36	4.29	1.68	44.21
5.664	15.19	53.12	0.65	6.36	4.27	1.66	44.27
5.684	15.19	53.06	0.72	6.39	4.26	1.66	44.22
5.692	15.2	53.11	0.69	6.4	4.24	1.85	44.25
5.716	15.22	53.17	0.72	6.42	4.22	1.84	44.29
5.757	15.24	53.11	0.88	6.45	4.2	1.79	44.22
5.771	15.24	53.28	0.57	6.49	4.22	1.48	44.38
5.781	15.26	53.24	0.76	6.48	4.2	1.51	44.32
5.846	15.29	53.32	0.76	6.45	4.12	1.53	44.35
5.887	15.34	53.51	0.65	6.41	4.13	1.46	44.48
5.931	15.35	53.56	0.76	6.44	4.06	1.35	44.5
5.991	15.39	53.59	0.84	6.96	4.05	1.4	44.5
6.056	15.39	53.59	0.57	7.03	4.0	1.34	44.49
6.149	15.41	53.62	0.84	7.18	3.96	1.42	44.5
6.192	15.41	53.62	0.72	7.18	3.91	1.37	44.5
6.242	15.41	53.59	0.72	7.16	3.9	1.29	44.47
6.247	15.41	53.63	1.49	7.15	3.9	1.27	44.51
6.249	15.41	53.64	1.53	7.16	3.87	1.4	44.51
6.253	15.42	53.63	1.26	7.15	3.89	1.25	44.51
6.258	15.42	53.64	2.75	7.13	3.9	1.17	44.51
6.263	15.42	53.64	2.25	7.12	3.92	1.15	44.51
6.266	15.42	53.64	1.76	7.1	3.93	1.17	44.51



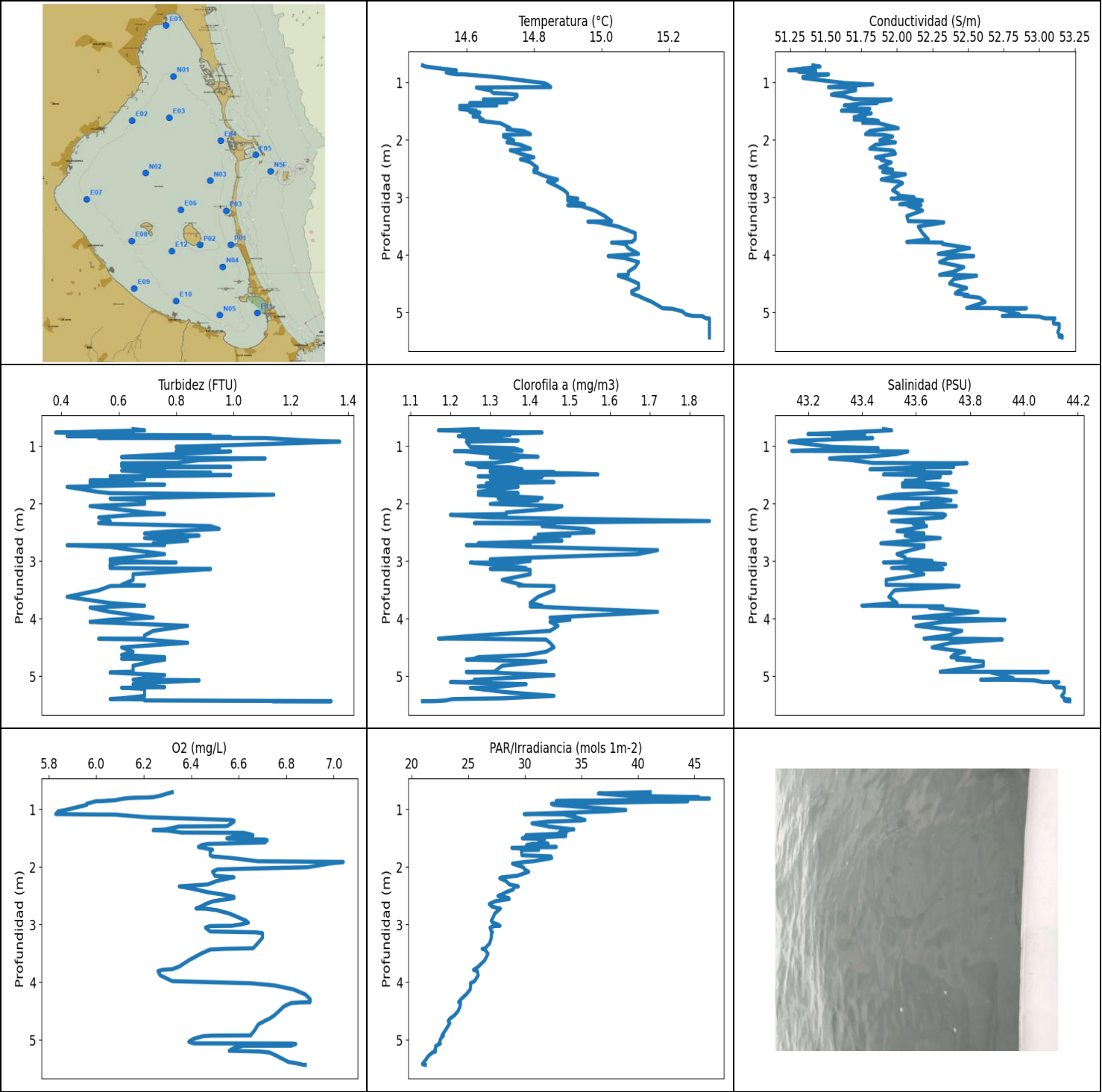
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.46	50.99	0.38	5.56	17.09	0.65	42.98
PROF (metros)	1.391	1.546	1.36	1.956	0.797	0.797	1.129
MÁXIMO	14.98	14.98	1.22	9.34	23.67	1.15	43.64
PROF (metros)	1.945	1.612	2.065	1.612	0.92	2.007	1.577

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	14.59	51.11	0.57	8.37	21.12	0.7	43.05
1 - 2m	14.66	51.26	0.62	7.96	21.43	0.78	43.11
2 - 3m	14.95	51.57	0.89	5.73	20.82	0.96	43.08

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.731	14.68	51.21	0.5	8.08	17.58	0.69	43.05
0.738	14.66	51.2	0.46	8.12	19.1	0.72	43.06
0.757	14.66	51.19	0.72	8.15	18.17	0.69	43.05
0.797	14.66	51.19	0.5	8.19	17.09	0.65	43.06
0.86	14.62	51.15	0.53	8.32	23.07	0.66	43.05
0.87	14.61	51.16	0.46	8.34	20.26	0.7	43.08
0.885	14.59	51.09	0.53	8.42	21.3	0.72	43.03
0.89	14.58	51.08	0.57	8.42	22.52	0.66	43.03
0.908	14.58	51.07	0.65	8.42	21.43	0.74	43.03
0.917	14.56	51.06	0.69	8.43	21.77	0.69	43.04
0.92	14.55	51.05	0.65	8.44	23.67	0.71	43.04
0.942	14.54	51.07	0.53	8.45	22.75	0.69	43.07
0.944	14.54	51.05	0.65	8.5	23.31	0.73	43.05
0.952	14.52	51.06	0.5	8.51	21.18	0.7	43.08
0.969	14.54	51.04	0.61	8.54	22.09	0.69	43.05
0.995	14.52	51.07	0.61	8.55	22.62	0.72	43.08
1.023	14.52	51.03	0.53	8.58	21.61	0.7	43.05
1.036	14.51	51.04	0.53	8.59	22.48	0.73	43.08
1.048	14.5	51.02	0.5	8.62	22.83	0.69	43.06
1.068	14.5	51.04	0.72	8.63	21.47	0.69	43.09
1.115	14.5	51.07	0.65	8.63	22.5	0.79	43.11
1.129	14.56	51.01	0.65	8.65	21.75	0.67	42.98
1.13	14.54	51.03	0.65	8.68	23.01	0.66	43.03
1.168	14.51	51.03	0.53	8.76	23.55	0.81	43.06
1.185	14.49	51.05	0.69	8.78	21.43	0.75	43.1
1.213	14.53	51.03	0.53	8.82	23.16	0.74	43.05
1.238	14.51	51.06	0.57	8.83	22.43	0.7	43.1
1.255	14.53	51.01	0.57	8.86	21.54	0.83	43.02
1.264	14.51	51.03	0.69	8.86	21.91	0.79	43.07
1.296	14.5	51.06	0.69	8.87	21.86	0.91	43.11
1.331	14.5	51.06	0.57	8.88	21.54	0.77	43.1
1.336	14.53	51.01	0.46	8.9	22.02	0.66	43.01
1.337	14.52	51.01	0.46	8.91	21.44	0.69	43.04
1.352	14.48	51.01	0.5	8.99	21.42	0.84	43.07
1.36	14.47	51.03	0.38	9.0	21.66	0.75	43.12
1.391	14.46	51.05	0.57	9.0	22.06	0.74	43.14
1.394	14.53	51.01	0.53	9.02	22.15	0.73	43.03
1.411	14.51	51.03	0.61	9.02	21.75	0.82	43.07
1.427	14.5	51.03	0.65	9.02	21.5	0.81	43.07

1.431	14.5	51.01	0.53	9.02	21.45	0.76	43.06
1.434	14.5	51.01	0.61	9.03	21.87	0.85	43.05
1.442	14.5	51.0	0.61	9.05	22.65	0.76	43.05
1.47	14.5	51.03	0.57	9.04	21.81	0.77	43.08
1.516	14.51	51.06	0.61	9.04	20.75	0.8	43.09
1.546	14.54	50.99	0.72	9.09	22.62	0.69	42.99
1.552	14.51	51.01	0.61	9.11	21.39	0.69	43.05
1.575	14.49	51.04	0.53	9.13	20.56	0.77	43.09
1.577	14.6	51.74	0.69	9.33	21.57	0.74	43.64
1.612	14.77	51.76	0.61	9.34	21.19	0.79	43.47
1.672	14.88	51.73	0.57	9.26	20.29	0.78	43.31
1.675	14.91	51.63	0.8	7.3	21.74	0.7	43.18
1.702	14.93	51.67	0.57	6.88	21.39	1.08	43.2
1.727	14.89	51.59	0.65	6.18	21.26	0.85	43.18
1.75	14.92	51.61	0.8	6.2	20.68	0.78	43.16
1.776	14.85	51.57	0.69	6.28	20.81	0.74	43.2
1.794	14.89	51.59	0.65	6.25	20.73	0.87	43.17
1.826	14.92	51.52	0.57	6.22	20.52	0.96	43.07
1.849	14.93	51.48	0.69	6.19	20.16	0.83	43.02
1.866	14.93	51.49	0.53	6.17	20.25	0.8	43.04
1.867	14.88	51.53	0.84	6.18	20.37	0.84	43.13
1.883	14.89	51.56	0.65	6.19	20.21	0.82	43.14
1.91	14.92	51.55	0.57	6.18	20.0	0.85	43.1
1.916	14.92	51.56	0.65	5.98	20.52	0.79	43.11
1.924	14.94	51.56	0.72	5.93	20.19	0.88	43.09
1.932	14.97	51.57	0.65	5.64	20.15	0.76	43.06
1.945	14.98	51.64	0.76	5.6	20.21	0.83	43.11
1.956	14.94	51.64	0.8	5.56	21.03	0.85	43.16
1.965	14.95	51.66	0.61	5.59	20.99	0.92	43.17
2.007	14.97	51.54	0.72	5.63	20.77	1.15	43.03
2.038	14.92	51.6	0.72	5.75	20.7	1.0	43.14
2.044	14.93	51.54	0.8	5.8	20.12	0.96	43.08
2.045	14.94	51.62	0.88	5.84	21.26	0.79	43.14
2.065	14.96	51.59	1.22	5.76	20.76	0.93	43.1
2.088	14.97	51.52	0.92	5.69	20.96	0.95	43.01
2.096	14.98	51.55	0.95	5.62	21.2	0.95	43.03



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.47	51.24	0.38	5.83	20.94	1.13	43.13
PROF (metros)	0.702	0.788	0.763	1.081	5.422	5.436	0.922
MÁXIMO	15.32	15.32	1.37	7.04	46.34	1.85	44.17
PROF (metros)	5.104	5.405	0.922	1.912	0.811	2.302	5.405

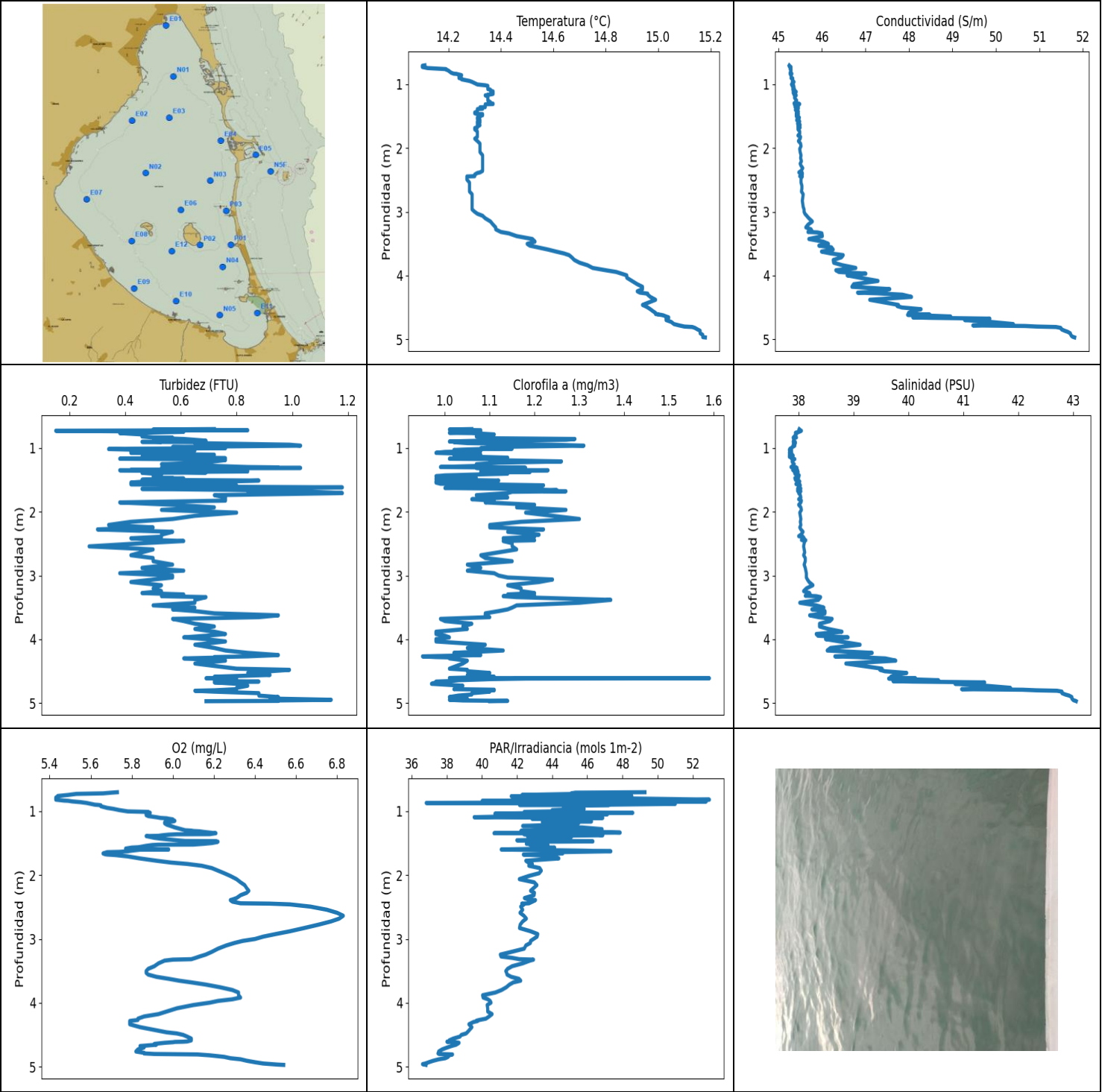
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.56	51.38	0.75	6.13	39.58	1.28	43.34
1 - 2m	14.67	51.75	0.72	6.47	32.15	1.34	43.56
2 - 3m	14.81	51.95	0.69	6.53	28.19	1.44	43.6
3 - 4m	15.0	52.18	0.64	6.48	26.56	1.4	43.6
4 - 5m	15.11	52.5	0.67	6.72	23.8	1.36	43.79
5 - 6m	15.31	53.07	0.75	6.73	21.73	1.27	44.1

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	14.47	51.41	0.65	6.32	41.09	1.27	43.48
0.724	14.48	51.46	0.69	6.3	36.51	1.17	43.51
0.763	14.53	51.33	0.38	6.27	39.19	1.43	43.33
0.788	14.57	51.24	0.65	6.24	45.4	1.31	43.2
0.794	14.57	51.37	0.53	6.21	43.74	1.23	43.32
0.797	14.54	51.43	0.5	6.17	40.75	1.23	43.41
0.802	14.54	51.38	0.5	6.14	40.08	1.35	43.37
0.811	14.55	51.31	0.92	6.12	46.34	1.33	43.29
0.824	14.54	51.38	0.42	6.1	40.0	1.22	43.36
0.841	14.55	51.43	0.99	6.08	38.94	1.25	43.41
0.857	14.57	51.4	0.53	6.02	32.77	1.24	43.35
0.858	14.59	51.52	1.11	6.0	44.42	1.27	43.44
0.902	14.68	51.34	1.26	5.96	32.35	1.37	43.17
0.922	14.71	51.34	1.37	5.96	32.54	1.24	43.13
1.012	14.83	51.64	0.8	5.87	38.94	1.25	43.29
1.034	14.84	51.83	0.95	5.84	37.37	1.36	43.46
1.081	14.85	51.52	0.8	5.83	29.94	1.38	43.14
1.088	14.63	51.65	0.8	5.97	34.4	1.21	43.51
1.091	14.63	51.71	0.99	6.08	33.57	1.24	43.57
1.136	14.67	51.71	0.8	6.21	34.52	1.31	43.53
1.184	14.68	51.61	0.61	6.57	35.32	1.42	43.42
1.195	14.72	51.56	0.61	6.58	34.88	1.3	43.33
1.213	14.75	51.54	1.11	6.58	32.02	1.37	43.28
1.242	14.75	51.63	0.88	6.57	30.63	1.36	43.36
1.291	14.74	51.7	0.8	6.55	32.0	1.31	43.44
1.297	14.65	51.96	0.61	6.35	32.06	1.24	43.79
1.348	14.72	51.82	0.61	6.29	34.34	1.28	43.59
1.361	14.61	51.86	0.99	6.24	33.21	1.27	43.74
1.368	14.65	51.75	0.65	6.3	33.83	1.35	43.59
1.402	14.69	51.63	0.76	6.36	33.03	1.38	43.43
1.407	14.58	51.71	0.72	6.62	33.65	1.34	43.63
1.424	14.59	51.67	0.61	6.64	33.04	1.3	43.59
1.447	14.59	51.66	0.69	6.66	30.1	1.3	43.57
1.451	14.59	51.7	0.69	6.64	30.7	1.46	43.62
1.458	14.58	51.81	0.92	6.61	33.63	1.37	43.73
1.475	14.6	51.68	0.72	6.58	32.48	1.52	43.58

1.492	14.63	51.61	0.8	6.56	29.92	1.57	43.48
1.502	14.63	51.73	0.99	6.55	29.77	1.37	43.6
1.511	14.61	51.8	0.88	6.56	31.18	1.38	43.69
1.523	14.64	51.78	0.57	6.71	31.74	1.27	43.64
1.536	14.62	51.82	0.69	6.72	31.53	1.43	43.69
1.574	14.62	51.74	0.69	6.71	31.24	1.3	43.61
1.595	14.62	51.72	0.5	6.52	32.05	1.37	43.6
1.6	14.64	51.7	0.57	6.47	30.58	1.31	43.56
1.624	14.64	51.78	0.5	6.44	30.15	1.46	43.63
1.648	14.65	51.7	0.65	6.44	31.78	1.29	43.55
1.651	14.64	51.83	0.5	6.43	32.78	1.3	43.68
1.668	14.64	51.87	0.76	6.45	28.85	1.33	43.72
1.702	14.69	51.76	0.46	6.49	31.22	1.27	43.55
1.707	14.7	51.87	0.42	6.48	29.7	1.37	43.64
1.796	14.73	52.01	0.53	6.48	29.74	1.27	43.75
1.816	14.72	51.9	0.57	6.49	32.31	1.37	43.65
1.844	14.77	51.81	1.14	6.57	32.38	1.27	43.52
1.9	14.79	51.78	0.69	6.68	30.76	1.43	43.46
1.912	14.71	51.91	0.57	7.04	30.01	1.32	43.68
1.941	14.71	51.97	0.69	6.98	28.9	1.42	43.73
2.004	14.74	51.88	0.69	6.89	29.86	1.3	43.62
2.042	14.72	51.99	0.5	6.51	29.99	1.48	43.75
2.083	14.76	51.85	0.57	6.49	30.34	1.46	43.57
2.152	14.79	51.81	0.69	6.5	29.34	1.34	43.5
2.18	14.73	51.96	0.76	6.58	27.94	1.34	43.7
2.195	14.74	51.98	0.65	6.56	27.78	1.2	43.71
2.239	14.76	51.99	0.53	6.51	28.3	1.3	43.7
2.302	14.8	51.85	0.57	6.47	28.63	1.85	43.51
2.338	14.76	51.91	0.53	6.35	29.42	1.26	43.63
2.35	14.77	51.89	0.57	6.37	29.03	1.46	43.59
2.39	14.79	51.96	0.92	6.42	28.97	1.43	43.64
2.438	14.8	51.92	0.95	6.47	28.34	1.54	43.58
2.476	14.81	51.88	0.8	6.53	27.98	1.56	43.53
2.502	14.81	51.94	0.72	6.56	27.62	1.56	43.59
2.519	14.8	51.97	0.69	6.58	28.08	1.48	43.63
2.538	14.8	51.92	0.8	6.58	28.57	1.42	43.59
2.556	14.8	51.9	0.88	6.56	28.61	1.5	43.56
2.57	14.81	51.93	0.84	6.53	28.08	1.46	43.58
2.598	14.82	52.06	0.69	6.49	27.34	1.41	43.69
2.644	14.84	51.97	0.84	6.46	26.85	1.48	43.58
2.689	14.87	51.89	0.72	6.44	27.12	1.27	43.47
2.719	14.86	51.98	0.76	6.42	27.69	1.4	43.58
2.722	14.84	52.01	0.42	6.46	27.83	1.24	43.63
2.752	14.85	52.04	0.57	6.51	27.66	1.4	43.63
2.808	14.87	52.0	0.65	6.56	27.34	1.72	43.58
2.877	14.89	51.97	0.76	6.6	27.18	1.67	43.53
2.932	14.9	52.01	0.65	6.63	27.03	1.43	43.56
2.966	14.9	52.01	0.57	6.64	27.14	1.3	43.56
2.996	14.9	52.12	0.57	6.61	27.59	1.4	43.66
3.021	14.93	51.96	0.8	6.57	27.8	1.37	43.48
3.023	14.93	52.03	0.65	6.52	27.68	1.37	43.54
3.025	14.9	52.1	0.61	6.48	27.3	1.25	43.64
3.053	14.9	52.18	0.57	6.46	26.92	1.3	43.71
3.119	14.95	52.02	0.57	6.48	27.03	1.39	43.51
3.134	14.9	52.17	0.92	6.67	27.14	1.3	43.7
3.15	14.94	52.08	0.88	6.7	27.04	1.4	43.58
3.227	14.98	52.18	0.65	6.7	27.03	1.4	43.63
3.325	15.01	52.07	0.65	6.68	26.89	1.33	43.49

3.412	15.03	52.08	0.61	6.66	26.48	1.38	43.49
3.421	14.96	52.26	0.69	6.54	26.22	1.37	43.72
3.433	14.99	52.33	0.57	6.48	26.45	1.46	43.76
3.507	15.05	52.15	0.53	6.44	26.74	1.46	43.52
3.62	15.1	52.18	0.42	6.39	26.45	1.42	43.5
3.728	15.1	52.22	0.57	6.35	25.89	1.4	43.53
3.774	15.09	52.07	0.69	6.32	25.57	1.43	43.4
3.785	15.03	52.32	0.61	6.28	25.46	1.4	43.7
3.808	15.07	52.32	0.5	6.26	25.79	1.47	43.65
3.882	15.08	52.51	0.57	6.27	25.87	1.72	43.83
3.982	15.11	52.29	0.72	6.32	25.55	1.45	43.59
4.019	15.02	52.54	0.57	6.65	25.18	1.5	43.93
4.056	15.07	52.36	0.5	6.75	25.2	1.45	43.7
4.125	15.11	52.3	0.84	6.83	25.17	1.47	43.6
4.212	15.1	52.47	0.72	6.88	24.81	1.45	43.77
4.291	15.08	52.4	0.69	6.9	24.38	1.27	43.72
4.346	15.08	52.3	0.69	6.9	24.14	1.17	43.63
4.351	15.05	52.47	0.53	6.86	24.3	1.27	43.82
4.363	15.05	52.56	0.69	6.82	24.31	1.44	43.92
4.42	15.08	52.4	0.84	6.79	24.26	1.45	43.73
4.499	15.11	52.37	0.61	6.77	24.1	1.46	43.66
4.575	15.11	52.49	0.65	6.75	23.77	1.44	43.78
4.632	15.09	52.43	0.61	6.73	23.38	1.39	43.74
4.67	15.09	52.41	0.76	6.71	23.22	1.27	43.73
4.696	15.1	52.5	0.61	6.7	23.26	1.26	43.8
4.712	15.11	52.47	0.76	6.69	23.36	1.24	43.75
4.744	15.12	52.58	0.72	6.68	23.26	1.44	43.85
4.819	15.15	52.62	0.65	6.67	23.02	1.33	43.85
4.924	15.18	52.49	0.65	6.65	22.66	1.31	43.69
4.927	15.18	52.91	0.61	6.49	22.8	1.24	44.09
4.937	15.21	52.72	0.57	6.45	22.74	1.3	43.88
4.983	15.24	52.79	0.76	6.41	22.54	1.46	43.92
5.034	15.25	52.86	0.69	6.39	22.47	1.34	43.96
5.062	15.27	52.74	0.65	6.41	22.39	1.26	43.84
5.065	15.3	52.91	0.76	6.82	22.52	1.27	43.96
5.073	15.3	53.0	0.88	6.84	22.45	1.3	44.04
5.103	15.31	53.04	0.76	6.82	22.18	1.24	44.07
5.104	15.32	53.11	0.72	6.62	22.11	1.2	44.13
5.14	15.32	53.1	0.65	6.58	22.12	1.39	44.11
5.191	15.32	53.1	0.76	6.56	21.99	1.31	44.12
5.203	15.32	53.14	0.61	6.69	22.09	1.25	44.15
5.221	15.32	53.14	0.69	6.73	21.82	1.27	44.15
5.279	15.32	53.14	0.69	6.76	21.47	1.34	44.15
5.344	15.32	53.13	0.69	6.79	21.23	1.46	44.14
5.386	15.32	53.14	0.61	6.81	21.08	1.33	44.15
5.398	15.32	53.14	0.57	6.83	21.05	1.21	44.15
5.405	15.32	53.16	0.69	6.84	20.98	1.2	44.17
5.422	15.32	53.14	0.69	6.86	20.94	1.19	44.15
5.435	15.32	53.16	1.34	6.87	21.12	1.16	44.16
5.436	15.32	53.16	1.14	6.88	21.19	1.13	44.17



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.1	45.25	0.15	5.43	36.62	0.95	37.83
PROF (metros)	0.71	0.703	0.729	0.787	4.958	4.267	1.031
MÁXIMO	15.18	15.18	1.18	6.83	52.95	1.59	43.06
PROF (metros)	4.97	4.97	1.617	2.636	0.819	4.61	4.97

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	14.21	45.29	0.59	5.58	45.95	1.1	37.95
1 - 2m	14.33	45.42	0.63	5.97	44.0	1.09	37.94
2 - 3m	14.3	45.53	0.5	6.49	42.62	1.15	38.08
3 - 4m	14.54	46.07	0.63	6.12	41.63	1.12	38.34
4 - 5m	15.03	49.09	0.81	6.03	38.51	1.06	40.67

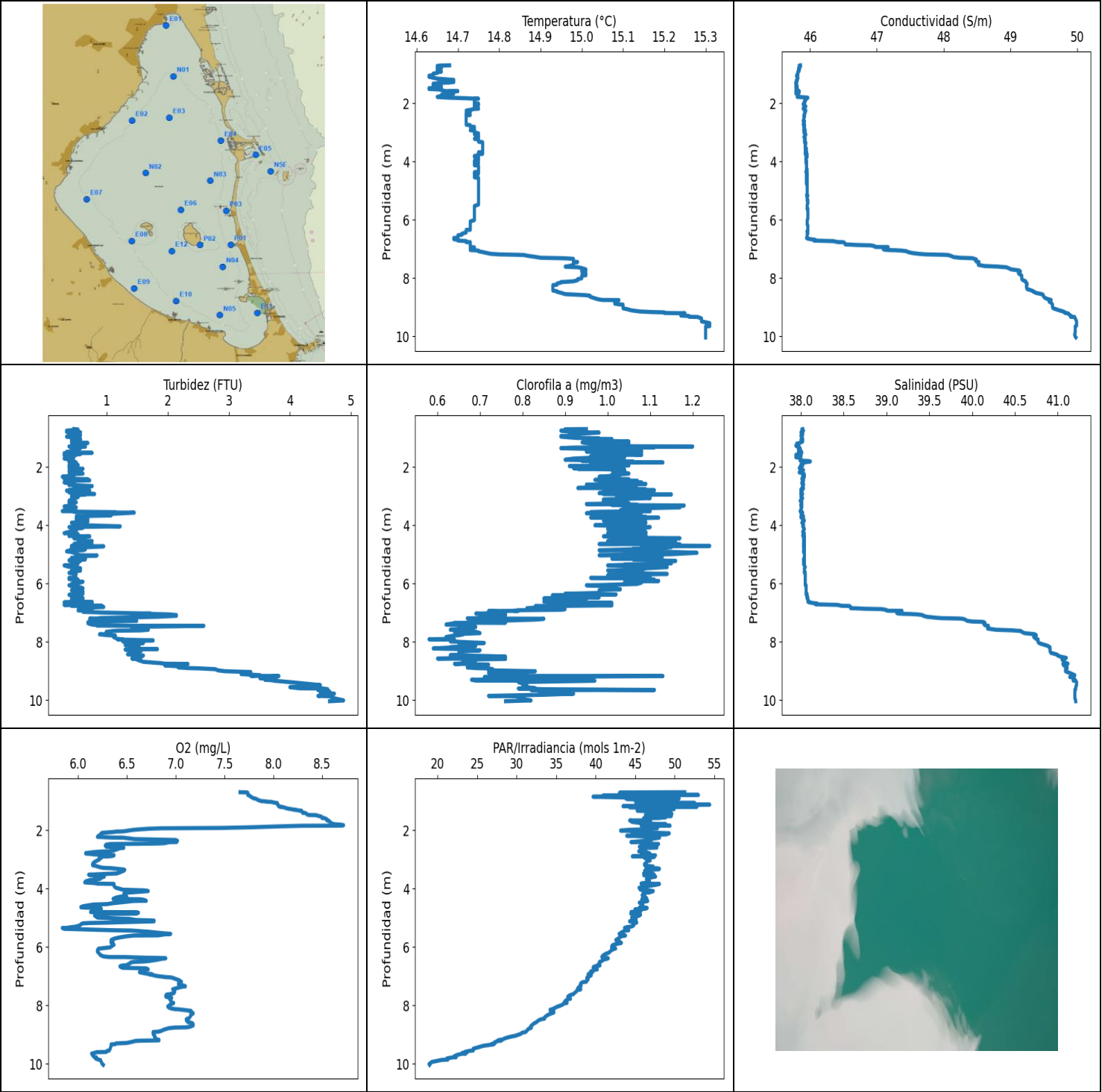
OBSERVACIONES GENERALES

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)
0.703	14.11	45.25	0.72	5.73	49.28	1.06	38.01
0.71	14.1	45.26	0.5	5.7	45.32	1.01	38.02
0.721	14.1	45.25	0.84	5.66	45.08	1.08	38.02
0.729	14.1	45.29	0.15	5.53	45.34	1.08	38.05
0.746	14.12	45.27	0.61	5.49	42.28	1.08	38.01
0.762	14.19	45.27	0.46	5.44	48.53	1.01	37.94
0.766	14.19	45.29	0.38	5.44	41.67	1.06	37.97
0.787	14.2	45.29	0.46	5.43	45.01	1.11	37.95
0.819	14.21	45.27	0.46	5.43	52.95	1.07	37.92
0.834	14.22	45.31	0.5	5.47	50.46	1.1	37.96
0.837	14.23	45.27	0.57	5.49	40.02	1.09	37.9
0.847	14.24	45.29	0.53	5.51	52.77	1.1	37.91
0.858	14.25	45.29	0.61	5.55	47.71	1.29	37.91
0.871	14.24	45.29	0.65	5.58	36.83	1.27	37.91
0.885	14.24	45.3	0.69	5.6	51.01	1.08	37.92
0.898	14.24	45.3	0.5	5.62	47.21	1.01	37.92
0.902	14.24	45.29	0.53	5.64	42.14	1.06	37.9
0.903	14.24	45.31	0.46	5.64	47.24	1.03	37.93
0.908	14.25	45.33	0.69	5.65	45.88	1.02	37.94
0.923	14.25	45.33	0.65	5.65	44.63	1.05	37.94
0.948	14.28	45.32	0.99	5.68	45.59	1.24	37.9
0.963	14.29	45.36	1.03	5.71	45.82	1.31	37.93
0.983	14.3	45.32	0.57	5.74	44.0	1.11	37.89
1.003	14.31	45.3	0.76	5.78	43.98	1.08	37.86
1.011	14.33	45.31	0.42	5.88	42.41	1.15	37.84
1.016	14.34	45.35	0.34	5.88	43.49	1.08	37.87
1.025	14.35	45.34	0.42	5.89	48.59	1.04	37.85
1.031	14.35	45.32	0.42	5.88	42.65	1.02	37.83
1.039	14.35	45.34	0.65	5.88	40.74	1.03	37.85
1.047	14.35	45.36	0.42	5.87	47.15	1.08	37.87
1.061	14.35	45.36	0.61	5.87	45.65	1.0	37.87
1.076	14.35	45.33	0.42	5.88	44.07	0.98	37.83
1.085	14.36	45.34	0.57	5.9	41.0	1.02	37.84
1.094	14.36	45.38	0.53	5.92	39.56	1.05	37.88
1.105	14.36	45.35	0.72	5.94	46.88	1.08	37.85
1.111	14.37	45.34	0.5	5.97	45.73	1.02	37.83
1.118	14.37	45.41	0.53	5.98	42.85	1.04	37.9

1.128	14.37	45.36	0.61	6.0	44.97	1.05	37.85
1.137	14.37	45.34	0.46	6.0	45.15	1.07	37.83
1.151	14.37	45.38	0.61	6.01	44.02	1.14	37.87
1.16	14.36	45.38	0.76	6.0	46.24	1.05	37.87
1.164	14.35	45.36	0.5	5.99	45.3	1.11	37.87
1.168	14.35	45.4	0.38	5.98	43.44	1.01	37.91
1.174	14.34	45.41	0.57	5.96	44.0	1.11	37.93
1.189	14.35	45.38	0.76	5.96	45.5	1.1	37.89
1.21	14.35	45.37	0.72	5.97	44.38	1.26	37.88
1.231	14.35	45.39	0.69	5.99	42.32	1.12	37.89
1.254	14.35	45.42	0.53	6.01	45.69	1.07	37.92
1.281	14.36	45.41	0.72	6.04	46.84	1.07	37.91
1.298	14.36	45.36	0.84	6.06	43.67	0.99	37.86
1.304	14.37	45.43	0.95	6.09	42.26	1.08	37.92
1.31	14.37	45.49	0.53	6.1	45.42	1.18	37.97
1.312	14.35	45.41	1.03	6.11	42.21	1.07	37.92
1.315	14.34	45.37	0.65	6.13	43.29	1.08	37.89
1.324	14.34	45.41	0.84	6.15	46.72	1.08	37.92
1.335	14.34	45.43	0.8	6.18	47.87	1.09	37.94
1.342	14.34	45.38	0.42	6.2	43.37	1.11	37.89
1.344	14.34	45.42	0.53	6.21	40.69	1.11	37.94
1.349	14.34	45.46	0.38	6.2	45.49	1.23	37.98
1.359	14.34	45.39	0.57	6.18	46.36	1.08	37.91
1.36	14.32	45.45	0.69	6.06	42.39	1.1	37.98
1.361	14.32	45.39	0.61	6.02	43.45	1.13	37.93
1.367	14.32	45.41	0.84	5.98	46.62	1.11	37.94
1.376	14.33	45.46	0.57	5.95	46.88	1.19	37.99
1.385	14.33	45.41	0.69	5.93	43.86	1.08	37.93
1.389	14.31	45.43	0.46	5.87	42.59	1.12	37.98
1.402	14.31	45.39	0.5	5.89	45.1	1.14	37.93
1.416	14.31	45.44	0.53	5.91	44.51	1.07	37.98
1.429	14.31	45.46	0.5	5.94	44.97	1.0	38.01
1.442	14.3	45.43	0.53	5.98	43.85	0.98	37.98
1.455	14.3	45.41	0.53	6.02	41.99	1.03	37.96
1.466	14.31	45.46	0.5	6.06	44.23	1.04	38.0
1.468	14.33	45.46	0.57	6.21	44.46	1.07	37.98
1.472	14.33	45.41	0.53	6.21	46.32	0.99	37.93
1.477	14.33	45.43	0.61	6.22	43.68	1.02	37.95
1.486	14.33	45.45	0.53	6.21	42.86	0.98	37.98
1.498	14.32	45.41	0.46	6.19	42.61	1.01	37.94
1.51	14.32	45.44	0.88	6.15	42.53	1.12	37.97
1.522	14.31	45.48	0.8	6.1	43.38	1.11	38.01
1.523	14.31	45.47	0.65	5.97	42.73	1.04	38.01
1.524	14.31	45.48	0.61	5.93	43.11	0.98	38.02
1.529	14.31	45.43	0.46	5.9	43.76	1.0	37.98
1.542	14.31	45.45	0.42	5.87	43.24	0.98	37.98
1.56	14.32	45.44	0.5	5.84	43.42	0.99	37.98
1.564	14.32	45.42	0.57	5.83	43.48	1.04	37.95
1.569	14.32	45.48	0.42	5.8	44.14	1.08	38.02
1.585	14.31	45.49	0.8	5.77	43.81	1.22	38.03
1.599	14.32	45.47	0.8	5.98	41.1	1.07	38.0
1.602	14.31	45.47	0.53	5.84	41.92	1.17	38.01
1.617	14.31	45.44	1.18	5.8	45.69	1.11	37.99
1.627	14.31	45.45	0.84	5.78	47.34	1.0	37.99
1.636	14.31	45.5	0.61	5.74	45.57	1.12	38.04
1.641	14.32	45.45	0.46	5.68	44.35	1.14	37.98
1.661	14.31	45.45	0.88	5.66	44.6	1.25	37.99
1.673	14.31	45.45	1.03	5.67	43.34	1.22	37.98

1.678	14.31	45.5	0.84	5.68	42.36	1.27	38.04
1.686	14.3	45.48	1.07	5.72	42.95	1.15	38.03
1.707	14.3	45.45	1.18	5.78	44.13	1.14	38.0
1.739	14.31	45.49	0.72	5.84	44.38	1.07	38.03
1.775	14.31	45.49	0.76	5.92	42.5	1.14	38.04
1.803	14.31	45.45	0.76	5.99	42.64	1.06	38.0
1.825	14.31	45.51	0.76	6.07	42.87	1.11	38.05
1.853	14.3	45.5	0.38	6.14	42.67	1.09	38.04
1.89	14.31	45.46	0.57	6.19	43.29	1.2	38.0
1.93	14.32	45.51	0.72	6.22	43.38	1.16	38.04
1.97	14.32	45.52	0.53	6.25	43.26	1.27	38.05
2.013	14.32	45.49	0.8	6.28	42.67	1.18	38.02
2.063	14.32	45.5	0.65	6.31	42.13	1.24	38.03
2.113	14.33	45.52	0.57	6.33	42.98	1.3	38.04
2.157	14.33	45.51	0.42	6.35	43.13	1.17	38.03
2.206	14.33	45.53	0.34	6.36	42.93	1.1	38.04
2.245	14.33	45.5	0.5	6.37	42.77	1.1	38.02
2.276	14.33	45.52	0.3	6.36	42.99	1.22	38.04
2.314	14.33	45.56	0.57	6.33	42.97	1.14	38.08
2.359	14.33	45.52	0.53	6.31	42.42	1.21	38.04
2.382	14.32	45.47	0.53	6.29	42.65	1.18	38.0
2.391	14.31	45.55	0.53	6.28	43.05	1.2	38.08
2.415	14.3	45.55	0.42	6.29	42.88	1.13	38.1
2.441	14.3	45.49	0.53	6.33	42.68	1.17	38.05
2.446	14.27	45.55	0.53	6.47	42.27	1.2	38.13
2.458	14.27	45.53	0.61	6.57	42.4	1.13	38.11
2.493	14.27	45.52	0.46	6.67	42.21	1.15	38.1
2.542	14.28	45.52	0.27	6.75	42.32	1.15	38.09
2.59	14.28	45.54	0.5	6.8	42.17	1.16	38.1
2.636	14.28	45.54	0.46	6.83	42.39	1.12	38.11
2.681	14.28	45.53	0.42	6.81	42.53	1.08	38.09
2.725	14.29	45.57	0.5	6.77	42.32	1.09	38.12
2.775	14.29	45.56	0.5	6.71	42.18	1.15	38.12
2.828	14.29	45.55	0.57	6.64	42.14	1.05	38.1
2.879	14.29	45.56	0.46	6.57	42.77	1.08	38.12
2.923	14.29	45.57	0.61	6.5	43.18	1.05	38.13
2.963	14.29	45.59	0.38	6.44	43.14	1.11	38.14
3.0	14.3	45.59	0.57	6.4	42.94	1.12	38.14
3.03	14.31	45.61	0.57	6.34	42.77	1.14	38.14
3.062	14.33	45.65	0.5	6.3	42.76	1.24	38.16
3.101	14.34	45.7	0.42	6.26	42.5	1.21	38.19
3.151	14.36	45.78	0.53	6.22	42.41	1.14	38.26
3.201	14.37	45.68	0.5	6.19	41.69	1.17	38.14
3.244	14.38	45.63	0.53	6.16	41.05	1.17	38.09
3.274	14.38	45.75	0.46	6.13	41.09	1.2	38.2
3.296	14.39	45.77	0.61	6.11	41.74	1.14	38.21
3.316	14.4	45.68	0.61	6.09	42.13	1.2	38.12
3.323	14.41	45.9	0.53	6.0	42.94	1.13	38.32
3.338	14.43	46.0	0.69	5.96	42.74	1.16	38.4
3.381	14.46	46.01	0.65	5.93	42.32	1.37	38.36
3.426	14.52	45.7	0.65	5.91	41.72	1.3	38.02
3.467	14.53	46.03	0.5	5.88	41.46	1.16	38.32
3.502	14.5	46.15	0.65	5.87	41.36	1.15	38.46
3.53	14.51	45.93	0.57	5.87	41.41	1.14	38.24
3.557	14.54	46.22	0.65	5.88	41.43	1.12	38.48
3.592	14.58	46.26	0.72	5.92	41.67	1.09	38.48
3.623	14.61	45.99	0.95	5.98	42.11	1.09	38.2
3.652	14.64	46.2	0.88	6.03	42.21	1.1	38.36

3.679	14.66	46.49	0.57	6.09	41.79	0.99	38.61
3.713	14.67	46.45	0.61	6.16	41.57	1.0	38.57
3.755	14.68	46.26	0.65	6.23	41.39	1.06	38.38
3.798	14.7	46.27	0.72	6.29	41.12	1.04	38.38
3.837	14.73	46.47	0.65	6.32	40.77	1.05	38.54
3.88	14.75	46.78	0.72	6.32	40.04	0.98	38.79
3.916	14.8	46.32	0.76	6.33	40.07	0.98	38.32
3.943	14.84	46.39	0.69	6.29	40.34	1.0	38.35
3.969	14.86	47.01	0.61	6.22	40.47	1.01	38.9
3.996	14.88	46.58	0.69	6.18	40.52	0.98	38.49
4.033	14.88	46.87	0.76	6.1	40.3	0.98	38.75
4.084	14.9	47.29	0.65	6.02	40.33	1.09	39.12
4.135	14.92	46.73	0.72	5.97	40.33	1.05	38.58
4.175	14.94	46.69	0.76	5.93	40.58	1.13	38.52
4.212	14.94	47.56	0.84	5.86	40.41	1.02	39.34
4.246	14.92	47.34	0.95	5.83	40.23	1.08	39.15
4.267	14.93	46.82	0.84	5.83	39.85	0.95	38.66
4.278	14.95	47.29	0.72	5.8	39.69	0.98	39.08
4.283	14.96	47.41	0.76	5.79	39.76	1.01	39.17
4.299	14.96	47.85	0.61	5.79	39.52	1.01	39.58
4.334	14.97	48.06	0.76	5.79	39.26	1.05	39.77
4.379	14.99	47.1	0.65	5.84	39.43	1.04	38.86
4.46	14.94	47.76	0.8	5.97	39.17	1.01	39.52
4.478	14.95	47.73	0.99	6.02	39.1	1.05	39.48
4.5	14.96	47.84	0.92	6.05	38.83	1.05	39.57
4.527	14.97	48.28	0.84	6.07	38.75	1.1	39.97
4.558	14.98	48.08	0.92	6.09	38.37	1.05	39.77
4.586	14.99	47.99	0.72	6.09	38.14	1.11	39.68
4.603	14.99	48.09	0.76	6.07	38.11	1.03	39.77
4.607	15.0	48.23	0.8	6.05	38.01	1.01	39.89
4.61	15.0	48.48	0.69	6.01	38.22	1.59	40.13
4.615	15.01	47.97	0.76	6.0	38.5	1.18	39.64
4.624	15.02	48.33	0.8	5.96	38.7	1.1	39.97
4.641	15.03	48.96	0.72	5.91	38.61	1.03	40.55
4.655	15.04	48.09	0.76	5.92	38.52	1.01	39.72
4.662	15.04	48.47	0.88	5.89	38.42	0.98	40.07
4.675	15.03	49.86	0.72	5.84	38.26	0.98	41.39
4.697	15.03	49.28	0.8	5.86	38.03	0.97	40.85
4.727	15.05	49.89	0.84	5.83	37.74	1.04	41.4
4.76	15.06	50.4	0.8	5.82	37.54	1.03	41.86
4.781	15.08	49.47	0.8	5.86	37.55	1.02	40.97
4.79	15.09	50.67	0.76	5.86	37.5	1.11	42.08
4.799	15.1	50.94	0.72	5.91	37.56	1.11	42.33
4.806	15.13	51.38	0.65	6.12	38.33	1.07	42.71
4.82	15.14	51.49	0.72	6.18	38.13	1.1	42.8
4.844	15.15	51.51	0.88	6.25	38.08	1.06	42.8
4.865	15.16	51.58	0.88	6.28	37.92	1.06	42.86
4.882	15.16	51.65	0.88	6.33	37.55	1.03	42.93
4.905	15.16	51.71	0.95	6.36	37.23	1.01	42.98
4.928	15.17	51.72	0.92	6.4	36.98	1.05	42.98
4.948	15.17	51.74	1.14	6.44	36.78	1.01	43.0
4.958	15.17	51.76	0.95	6.48	36.62	1.04	43.02
4.965	15.17	51.79	0.95	6.51	36.73	1.14	43.05
4.97	15.18	51.81	0.69	6.54	36.82	1.1	43.06



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.63	45.79	0.27	5.84	18.92	0.58	37.94
PROF (metros)	1.055	1.283	2.335	5.347	10.006	7.91	1.269
MÁXIMO	15.31	15.31	4.88	8.72	54.43	1.24	41.22
PROF (metros)	9.543	9.482	10.006	1.829	1.126	4.707	9.379

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.66	45.84	0.47	7.77	45.73	0.92	38.01
1 - 2m	14.67	45.83	0.47	8.16	47.51	1.01	37.99
10 - 11m	15.3	49.98	4.77	6.26	18.96	0.79	41.21
2 - 3m	14.73	45.91	0.5	6.38	46.35	1.02	38.01
3 - 4m	14.75	45.94	0.57	6.25	46.75	1.04	38.01
4 - 5m	14.75	45.95	0.55	6.33	45.78	1.08	38.03
5 - 6m	14.75	45.96	0.49	6.37	43.76	1.07	38.04
6 - 7m	14.72	46.25	0.56	6.58	40.47	0.9	38.33
7 - 8m	14.92	48.39	1.22	6.99	37.72	0.68	40.12
8 - 9m	15.0	49.4	1.73	7.05	33.07	0.67	40.99
9 - 10m	15.25	49.9	4.03	6.43	25.26	0.82	41.19

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.7	14.68	45.86	0.46	7.66	51.27	0.95	38.02
0.707	14.66	45.84	0.5	7.73	45.45	0.9	38.01
0.719	14.65	45.84	0.53	7.74	43.01	0.94	38.02
0.753	14.65	45.85	0.34	7.74	47.57	0.89	38.03
0.796	14.66	45.85	0.34	7.74	53.0	0.92	38.02
0.808	14.66	45.83	0.57	7.75	40.97	0.94	38.0
0.821	14.65	45.83	0.5	7.76	43.95	0.98	38.01
0.854	14.65	45.84	0.38	7.77	39.67	0.94	38.02
0.892	14.65	45.84	0.53	7.79	45.62	0.91	38.02
0.911	14.66	45.83	0.57	7.8	50.56	0.92	38.0
0.919	14.66	45.82	0.5	7.82	43.84	0.93	38.0
0.937	14.65	45.82	0.46	7.83	44.03	0.89	38.0
0.959	14.65	45.82	0.34	7.84	46.2	0.89	38.01
0.986	14.64	45.82	0.53	7.86	45.06	0.91	38.01
1.005	14.64	45.82	0.42	7.88	46.21	0.93	38.01
1.009	14.64	45.81	0.46	7.9	47.15	0.96	38.01
1.013	14.64	45.81	0.46	7.92	48.76	0.96	38.01
1.026	14.64	45.82	0.46	7.94	47.44	0.98	38.02
1.031	14.64	45.81	0.5	7.98	45.73	0.95	38.01
1.04	14.64	45.81	0.57	7.99	45.06	1.01	38.01
1.055	14.63	45.81	0.42	8.01	45.66	1.01	38.01
1.063	14.63	45.8	0.42	8.02	52.52	0.95	38.0
1.067	14.63	45.8	0.57	8.04	45.93	0.99	38.01
1.093	14.63	45.82	0.53	8.04	48.61	0.97	38.02
1.126	14.64	45.82	0.46	8.05	54.43	1.05	38.02
1.156	14.65	45.82	0.42	8.05	48.25	0.94	38.0
1.178	14.67	45.81	0.69	8.06	43.46	0.95	37.98
1.192	14.68	45.81	0.46	8.06	51.42	0.98	37.96
1.198	14.69	45.8	0.57	8.08	52.81	0.99	37.95
1.203	14.69	45.8	0.46	8.08	48.54	1.01	37.95
1.212	14.69	45.8	0.65	8.1	44.27	1.05	37.95

1.228	14.69	45.81	0.46	8.12	46.36	1.01	37.95
1.245	14.69	45.81	0.53	8.13	47.44	0.96	37.95
1.259	14.69	45.8	0.5	8.15	46.96	1.05	37.95
1.269	14.69	45.8	0.42	8.16	46.51	1.05	37.94
1.274	14.69	45.8	0.5	8.18	49.93	1.05	37.95
1.283	14.68	45.79	0.5	8.19	47.67	1.01	37.95
1.291	14.68	45.79	0.46	8.2	47.21	1.08	37.95
1.297	14.66	45.79	0.38	8.22	49.16	1.2	37.96
1.301	14.66	45.79	0.65	8.22	49.34	1.17	37.97
1.308	14.65	45.79	0.5	8.24	48.64	1.07	37.98
1.316	14.65	45.79	0.57	8.25	47.43	1.11	37.98
1.327	14.65	45.79	0.53	8.26	49.48	1.11	37.98
1.328	14.64	45.79	0.42	8.28	45.25	0.98	37.98
1.335	14.64	45.79	0.46	8.29	45.29	0.92	37.98
1.354	14.64	45.8	0.57	8.29	47.13	0.89	37.99
1.378	14.64	45.8	0.42	8.3	48.3	0.95	37.99
1.405	14.65	45.81	0.46	8.3	49.15	0.95	37.99
1.409	14.66	45.79	0.42	8.32	48.56	0.99	37.97
1.411	14.65	45.8	0.53	8.33	46.51	0.97	37.98
1.439	14.65	45.81	0.46	8.34	49.65	1.08	38.0
1.471	14.64	45.81	0.5	8.35	48.59	0.95	38.0
1.481	14.66	45.79	0.42	8.38	46.29	1.01	37.97
1.482	14.63	45.79	0.42	8.43	47.71	1.01	37.99
1.485	14.63	45.79	0.34	8.44	47.65	1.08	38.0
1.496	14.63	45.8	0.5	8.45	47.43	1.06	38.01
1.511	14.63	45.8	0.42	8.46	47.81	1.05	38.01
1.516	14.64	45.8	0.76	8.47	49.57	1.05	37.99
1.526	14.65	45.81	0.3	8.48	46.98	1.04	38.0
1.533	14.66	45.8	0.42	8.49	48.12	1.05	37.98
1.552	14.66	45.82	0.57	8.5	48.88	1.05	37.99
1.584	14.67	45.84	0.42	8.5	47.97	1.08	38.0
1.585	14.7	45.79	0.5	8.52	46.42	0.98	37.94
1.595	14.68	45.81	0.3	8.53	46.05	0.98	37.97
1.628	14.67	45.84	0.38	8.55	46.77	0.96	38.0
1.664	14.67	45.83	0.38	8.55	46.96	0.98	37.99
1.667	14.69	45.79	0.46	8.55	44.3	1.04	37.94
1.677	14.68	45.81	0.42	8.57	44.54	0.97	37.97
1.712	14.66	45.83	0.3	8.58	44.56	0.92	38.0
1.752	14.66	45.82	0.42	8.59	45.59	0.9	38.0
1.781	14.65	45.81	0.46	8.61	47.33	0.98	37.99
1.797	14.66	45.91	0.46	8.63	48.89	0.94	38.09
1.81	14.68	45.97	0.38	8.69	47.78	1.06	38.11
1.829	14.72	45.96	0.38	8.72	47.28	1.05	38.07
1.843	14.74	45.95	0.42	8.7	45.77	0.99	38.04
1.845	14.75	45.93	0.5	8.5	49.41	1.13	38.01
1.848	14.74	45.94	0.42	8.29	48.08	1.02	38.02
1.871	14.74	45.94	0.46	8.04	47.45	0.96	38.03
1.901	14.74	45.93	0.46	7.76	46.66	0.98	38.01
1.922	14.74	45.92	0.46	7.47	47.4	0.96	38.0
1.93	14.74	45.92	0.53	7.01	47.82	1.01	38.01
1.935	14.74	45.93	0.53	6.85	47.3	1.0	38.02
1.949	14.74	45.93	0.38	6.73	46.75	1.05	38.02
1.968	14.74	45.92	0.5	6.64	46.38	0.91	38.01
1.988	14.74	45.91	0.46	6.57	44.19	0.94	37.99
2.011	14.75	45.91	0.5	6.52	43.15	0.98	37.99
2.03	14.75	45.9	0.38	6.49	45.31	0.96	37.99
2.037	14.75	45.9	0.42	6.47	45.99	0.93	37.98
2.043	14.75	45.9	0.5	6.45	46.17	0.95	37.99

2.044	14.74	45.91	0.42	6.42	44.86	0.92	37.99
2.047	14.75	45.92	0.46	6.39	44.52	0.99	38.0
2.062	14.75	45.92	0.61	6.36	46.26	0.93	38.01
2.09	14.74	45.92	0.57	6.25	47.87	1.04	38.01
2.106	14.74	45.94	0.5	6.24	49.31	1.01	38.03
2.144	14.74	45.92	0.38	6.23	48.88	1.04	38.01
2.176	14.75	45.9	0.46	6.22	45.65	1.02	37.98
2.189	14.75	45.9	0.57	6.22	43.93	1.04	37.98
2.195	14.74	45.92	0.46	6.21	45.0	1.04	38.01
2.227	14.73	45.93	0.61	6.2	46.64	1.05	38.03
2.252	14.72	45.92	0.38	6.35	47.02	1.03	38.02
2.254	14.72	45.94	0.46	6.46	48.08	1.01	38.04
2.304	14.73	45.92	0.46	6.58	46.94	1.01	38.02
2.335	14.72	45.93	0.27	7.0	46.42	0.98	38.04
2.363	14.72	45.92	0.46	7.02	46.21	1.02	38.02
2.405	14.73	45.91	0.3	7.01	44.46	1.03	38.01
2.408	14.72	45.92	0.46	6.94	46.78	1.0	38.03
2.419	14.72	45.92	0.69	6.92	47.02	1.05	38.03
2.442	14.72	45.91	0.61	6.89	46.58	0.97	38.02
2.454	14.72	45.92	0.38	6.83	46.94	1.0	38.02
2.458	14.72	45.92	0.72	6.79	45.88	1.03	38.03
2.472	14.72	45.92	0.5	6.34	47.96	1.07	38.03
2.492	14.72	45.91	0.46	6.29	47.18	1.02	38.02
2.528	14.72	45.91	0.3	6.28	46.22	1.08	38.01
2.565	14.72	45.91	0.38	6.29	45.53	0.98	38.01
2.581	14.72	45.91	0.46	6.44	47.03	1.09	38.03
2.592	14.72	45.91	0.46	6.46	47.75	1.01	38.02
2.602	14.72	45.9	0.46	6.47	47.16	1.07	38.02
2.604	14.72	45.91	0.46	6.46	45.95	0.95	38.02
2.616	14.72	45.92	0.38	6.43	45.88	0.97	38.03
2.654	14.72	45.91	0.76	6.4	45.82	1.01	38.02
2.698	14.72	45.91	0.61	6.36	45.92	1.01	38.02
2.722	14.72	45.9	0.46	6.32	45.45	0.93	38.01
2.727	14.72	45.92	0.5	6.27	46.0	1.04	38.03
2.736	14.72	45.92	0.46	6.21	46.14	1.05	38.02
2.751	14.73	45.91	0.53	6.16	46.47	1.07	38.01
2.768	14.73	45.91	0.5	6.12	46.42	1.09	38.0
2.777	14.73	45.91	0.5	6.1	46.51	1.05	38.01
2.783	14.73	45.92	0.38	6.08	46.44	1.08	38.02
2.791	14.73	45.91	0.57	6.08	46.77	1.04	38.01
2.799	14.73	45.91	0.69	6.08	46.86	1.11	38.01
2.806	14.73	45.91	0.72	6.1	46.49	1.07	38.0
2.811	14.74	45.92	0.34	6.13	45.86	1.05	38.01
2.827	14.74	45.92	0.42	6.16	45.76	0.99	38.01
2.855	14.74	45.91	0.5	6.37	46.8	1.06	38.0
2.86	14.74	45.91	0.42	6.37	47.57	1.06	38.0
2.874	14.74	45.91	0.38	6.36	47.09	1.06	38.0
2.887	14.74	45.91	0.5	6.34	45.67	1.0	38.0
2.896	14.74	45.91	0.57	6.31	44.64	0.98	38.0
2.898	14.74	45.91	0.53	6.27	45.69	0.98	38.0
2.903	14.74	45.91	0.5	6.25	47.01	0.99	38.0
2.913	14.74	45.91	0.5	6.24	47.43	1.0	38.01
2.921	14.73	45.93	0.72	6.23	46.2	1.04	38.02
2.928	14.73	45.92	0.8	6.23	46.37	0.99	38.01
2.934	14.74	45.91	0.57	6.22	46.71	1.08	38.0
2.935	14.74	45.92	0.57	6.23	46.32	1.1	38.0
2.941	14.74	45.92	0.65	6.24	46.15	1.15	38.01
2.968	14.74	45.93	0.53	6.22	46.39	1.02	38.01

3.003	14.74	45.91	0.42	6.22	46.88	1.06	38.0
3.033	14.75	45.92	0.53	6.2	46.91	1.09	38.0
3.068	14.74	45.94	0.46	6.18	46.44	1.1	38.02
3.113	14.75	45.93	0.42	6.16	46.42	0.99	38.01
3.159	14.75	45.91	0.38	6.15	46.18	0.99	37.99
3.193	14.75	45.93	0.46	6.15	46.18	1.03	38.01
3.21	14.75	45.93	0.5	6.16	46.4	0.99	38.01
3.218	14.74	45.93	0.46	6.18	46.42	1.04	38.01
3.241	14.75	45.93	0.38	6.2	47.27	1.05	38.01
3.27	14.75	45.92	0.46	6.23	46.73	0.95	38.0
3.289	14.75	45.92	0.38	6.26	46.5	1.06	38.0
3.294	14.75	45.93	0.42	6.29	46.37	1.07	38.01
3.297	14.75	45.93	0.46	6.33	46.88	1.01	38.01
3.306	14.75	45.92	0.42	6.36	47.91	1.01	38.0
3.321	14.75	45.93	0.46	6.4	48.07	1.18	38.0
3.337	14.76	45.93	0.46	6.44	48.01	1.05	38.0
3.346	14.76	45.92	0.46	6.47	47.42	1.08	38.0
3.357	14.76	45.94	0.3	6.48	47.17	1.07	38.01
3.386	14.76	45.94	0.5	6.47	46.2	1.17	38.01
3.429	14.76	45.93	0.46	6.44	46.38	1.04	38.0
3.479	14.76	45.93	0.38	6.4	46.07	1.03	38.0
3.515	14.76	45.93	0.27	6.16	47.4	1.09	38.0
3.517	14.76	45.93	0.38	6.12	47.11	1.1	37.99
3.524	14.76	45.94	0.5	6.11	46.78	1.05	38.01
3.531	14.76	45.94	0.46	6.12	46.49	1.01	38.01
3.537	14.76	45.93	0.61	6.15	46.09	0.98	38.0
3.55	14.76	45.94	1.14	6.17	46.24	0.96	38.01
3.56	14.76	45.95	0.88	6.26	47.16	1.08	38.01
3.565	14.76	45.95	1.45	6.27	47.33	1.04	38.02
3.588	14.76	45.93	1.26	6.27	47.58	0.95	38.0
3.624	14.76	45.94	0.95	6.24	46.81	1.02	38.01
3.662	14.76	45.95	1.07	6.23	46.54	1.01	38.02
3.68	14.76	45.93	0.69	6.2	46.42	0.97	38.0
3.682	14.75	45.94	0.57	6.18	46.48	1.0	38.02
3.687	14.75	45.95	0.5	6.16	46.77	1.01	38.03
3.708	14.75	45.94	0.57	6.12	46.8	1.09	38.01
3.732	14.76	45.93	0.61	6.1	46.64	0.96	38.0
3.739	14.75	45.95	0.53	6.09	46.74	1.12	38.02
3.75	14.75	45.96	0.5	6.08	46.73	1.09	38.03
3.786	14.75	45.94	0.69	6.07	46.86	1.09	38.02
3.808	14.74	45.94	0.5	6.17	46.2	1.05	38.03
3.828	14.75	45.94	0.65	6.2	45.75	1.08	38.02
3.839	14.74	45.96	0.57	6.37	48.07	0.99	38.04
3.87	14.75	45.95	0.69	6.37	47.59	1.04	38.03
3.912	14.75	45.94	0.42	6.37	46.56	1.09	38.01
3.946	14.75	45.94	0.61	6.38	45.99	1.04	38.02
3.971	14.74	45.95	0.61	6.39	45.49	1.02	38.03
4.0	14.74	45.95	0.65	6.42	45.57	0.97	38.03
4.036	14.75	45.94	1.22	6.46	45.64	1.05	38.02
4.06	14.74	45.95	0.38	6.68	46.77	1.1	38.03
4.083	14.74	45.95	0.61	6.72	47.29	1.08	38.03
4.129	14.74	45.95	0.46	6.54	46.82	1.0	38.04
4.136	14.75	45.95	0.46	6.49	46.38	1.01	38.03
4.176	14.75	45.95	0.5	6.47	45.98	1.01	38.03
4.228	14.75	45.95	0.38	6.49	45.88	1.09	38.02
4.27	14.75	45.95	0.3	6.5	46.07	1.0	38.03
4.272	14.75	45.96	0.5	6.44	46.23	1.09	38.04
4.308	14.75	45.95	0.53	6.39	46.38	1.09	38.03

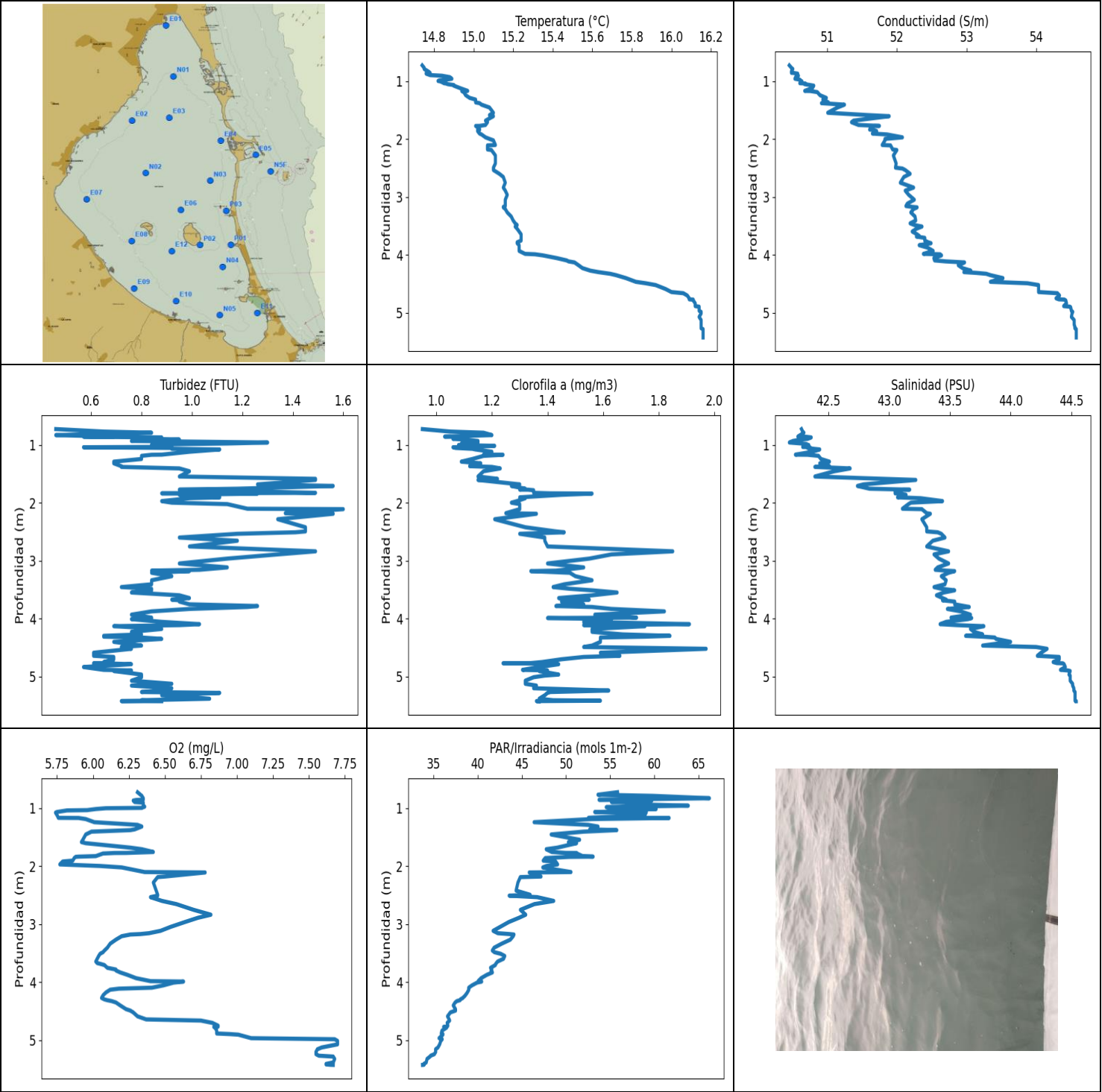
4.352	14.75	45.94	0.42	6.36	46.48	1.09	38.02
4.365	14.74	45.96	0.38	6.64	45.83	1.09	38.04
4.38	14.75	45.95	0.72	6.67	46.03	0.99	38.03
4.417	14.75	45.95	0.57	6.7	46.29	1.09	38.03
4.418	14.74	45.96	0.5	6.62	46.54	1.08	38.04
4.424	14.74	45.95	0.57	6.56	46.58	1.04	38.03
4.444	14.74	45.95	0.46	6.51	46.14	1.17	38.03
4.461	14.74	45.95	0.61	6.46	45.92	1.1	38.03
4.479	14.74	45.96	0.65	6.4	45.52	1.08	38.04
4.501	14.74	45.95	0.61	6.35	45.68	1.05	38.03
4.529	14.74	45.95	0.61	6.3	45.93	1.04	38.04
4.541	14.74	45.95	0.53	6.21	45.98	1.0	38.03
4.542	14.74	45.96	0.76	6.17	45.82	1.07	38.04
4.56	14.75	45.95	0.65	6.13	45.92	1.11	38.03
4.582	14.75	45.95	0.53	6.09	45.76	1.16	38.03
4.605	14.75	45.96	0.61	6.05	45.83	1.1	38.04
4.621	14.75	45.95	0.57	6.04	45.8	1.05	38.03
4.635	14.75	45.95	0.5	6.03	45.69	1.04	38.03
4.643	14.75	45.95	0.46	6.04	45.55	1.02	38.03
4.644	14.75	45.95	0.53	6.07	45.84	0.98	38.03
4.65	14.75	45.96	0.5	6.07	45.8	1.17	38.04
4.651	14.75	45.96	0.5	6.22	46.42	1.13	38.04
4.664	14.75	45.95	0.76	6.23	46.51	1.09	38.03
4.69	14.75	45.95	0.57	6.24	46.28	1.11	38.03
4.707	14.75	45.96	0.42	6.21	44.98	1.24	38.04
4.721	14.75	45.96	0.95	6.19	45.24	1.08	38.03
4.748	14.75	45.95	0.72	6.18	45.37	1.15	38.03
4.759	14.75	45.96	0.42	6.18	45.38	1.1	38.03
4.763	14.75	45.96	0.57	6.16	45.74	1.13	38.03
4.765	14.75	45.95	0.46	6.15	45.64	1.14	38.03
4.774	14.75	45.96	0.5	6.14	45.26	1.09	38.04
4.793	14.75	45.96	0.61	6.13	44.89	1.11	38.04
4.802	14.75	45.96	0.42	6.13	44.48	1.08	38.04
4.808	14.75	45.96	0.53	6.6	45.1	1.06	38.04
4.823	14.75	45.96	0.65	6.62	44.6	1.06	38.04
4.856	14.75	45.96	0.61	6.6	44.44	0.98	38.03
4.863	14.75	45.96	0.38	6.26	45.37	1.02	38.04
4.87	14.75	45.96	0.42	6.21	45.57	1.11	38.04
4.893	14.75	45.96	0.34	6.18	45.68	1.04	38.03
4.917	14.75	45.96	0.42	6.17	45.55	1.16	38.03
4.943	14.75	45.96	0.46	6.18	45.29	1.21	38.04
4.991	14.75	45.96	0.5	6.2	44.56	1.15	38.04
5.029	14.75	45.96	0.57	6.45	44.62	0.98	38.04
5.033	14.75	45.96	0.84	6.52	45.09	1.13	38.04
5.073	14.75	45.96	0.53	6.59	45.11	1.1	38.04
5.094	14.75	45.96	0.57	6.78	44.65	1.08	38.04
5.119	14.75	45.96	0.42	6.78	44.29	1.07	38.04
5.143	14.75	45.96	0.46	6.48	45.0	1.01	38.04
5.153	14.75	45.95	0.42	6.39	45.19	1.08	38.03
5.164	14.75	45.96	0.65	6.3	45.19	1.11	38.03
5.17	14.75	45.97	0.57	6.21	44.9	1.11	38.04
5.175	14.75	45.96	0.53	6.13	44.78	1.06	38.03
5.186	14.75	45.96	0.5	6.06	44.67	1.13	38.03
5.202	14.75	45.96	0.38	6.04	44.89	1.11	38.04
5.222	14.75	45.96	0.57	6.03	44.87	1.16	38.03
5.258	14.75	45.96	0.5	6.02	44.8	1.11	38.04
5.29	14.75	45.96	0.42	5.99	44.62	1.1	38.03
5.306	14.75	45.96	0.53	5.97	44.34	1.15	38.04

5.32	14.75	45.97	0.42	5.93	43.93	1.1	38.04
5.344	14.75	45.96	0.5	5.89	43.65	1.04	38.03
5.347	14.75	45.97	0.5	5.84	43.81	1.06	38.04
5.376	14.75	45.97	0.3	5.86	44.04	1.0	38.04
5.425	14.75	45.97	0.38	6.36	44.19	1.11	38.05
5.435	14.75	45.97	0.5	6.55	43.76	1.14	38.05
5.476	14.75	45.96	0.57	6.72	43.42	1.09	38.04
5.525	14.74	45.96	0.46	6.86	43.13	1.08	38.04
5.549	14.74	45.96	0.46	6.95	42.97	1.0	38.04
5.55	14.74	45.96	0.57	6.94	42.97	1.08	38.04
5.565	14.74	45.96	0.42	6.89	43.4	1.08	38.04
5.601	14.74	45.96	0.42	6.82	43.62	1.05	38.04
5.605	14.74	45.97	0.42	6.57	43.78	1.04	38.05
5.631	14.74	45.96	0.38	6.5	43.26	1.02	38.04
5.669	14.74	45.97	0.5	6.43	43.04	1.14	38.05
5.713	14.74	45.97	0.46	6.37	42.84	1.0	38.05
5.758	14.74	45.97	0.46	6.34	42.55	1.1	38.05
5.8	14.74	45.97	0.5	6.34	42.84	1.05	38.05
5.802	14.74	45.97	0.38	6.35	42.99	0.96	38.05
5.82	14.74	45.97	0.38	6.36	43.07	1.05	38.05
5.843	14.74	45.97	0.38	6.35	43.15	1.04	38.05
5.856	14.74	45.97	0.42	6.34	43.26	1.07	38.05
5.866	14.74	45.97	0.53	6.35	43.18	1.11	38.05
5.883	14.74	45.97	0.46	6.35	42.83	1.07	38.05
5.908	14.74	45.97	0.53	6.36	42.44	1.12	38.05
5.924	14.74	45.97	0.46	6.37	42.26	1.07	38.05
5.935	14.74	45.97	0.61	6.36	42.14	1.04	38.05
5.962	14.74	45.97	0.57	6.35	42.05	1.08	38.05
6.011	14.74	45.96	0.42	6.33	42.01	1.07	38.05
6.052	14.73	45.96	0.46	6.22	42.53	0.98	38.05
6.057	14.73	45.96	0.38	6.21	42.38	0.95	38.06
6.107	14.73	45.96	0.53	6.2	42.01	1.02	38.06
6.16	14.73	45.96	0.61	6.2	41.8	1.01	38.06
6.193	14.73	45.97	0.46	6.21	41.67	1.03	38.06
6.227	14.73	45.97	0.42	6.22	41.32	0.98	38.06
6.274	14.73	45.97	0.61	6.23	41.01	0.98	38.06
6.32	14.73	45.97	0.53	6.26	40.82	0.98	38.06
6.342	14.73	45.97	0.57	6.32	40.78	0.92	38.06
6.343	14.72	45.97	0.61	6.48	40.85	0.9	38.07
6.355	14.72	45.97	0.53	6.59	40.96	0.92	38.07
6.366	14.72	45.97	0.5	6.7	41.11	0.92	38.07
6.37	14.72	45.97	0.46	6.79	41.22	1.02	38.07
6.376	14.72	45.96	0.46	6.86	41.44	0.97	38.06
6.385	14.72	45.96	0.38	6.9	41.6	0.93	38.07
6.389	14.72	45.97	0.53	6.89	41.45	0.93	38.07
6.401	14.72	45.96	0.46	6.86	41.43	0.87	38.07
6.435	14.72	45.96	0.57	6.81	40.96	0.93	38.07
6.472	14.71	45.97	0.5	6.74	40.81	0.98	38.08
6.493	14.71	45.96	0.61	6.68	40.71	0.93	38.08
6.501	14.71	45.96	0.42	6.62	40.54	0.92	38.07
6.509	14.71	45.96	0.5	6.57	40.48	0.85	38.08
6.53	14.7	45.96	0.53	6.54	40.5	0.95	38.08
6.562	14.7	45.96	0.61	6.53	40.44	0.91	38.08
6.597	14.7	45.96	0.42	6.51	40.32	0.86	38.09
6.615	14.7	45.96	0.46	6.51	40.35	0.85	38.09
6.622	14.69	45.95	0.46	6.5	40.48	0.91	38.08
6.627	14.69	45.96	0.76	6.47	40.55	0.91	38.09
6.632	14.69	45.97	0.42	6.46	40.42	0.92	38.1

6.644	14.69	45.97	0.3	6.44	40.16	0.92	38.1
6.662	14.69	46.01	0.76	6.43	39.89	1.01	38.13
6.686	14.7	46.08	0.38	6.44	39.7	0.92	38.19
6.71	14.7	46.06	0.57	6.46	39.68	0.87	38.17
6.727	14.72	46.31	0.3	6.67	40.09	0.86	38.4
6.73	14.72	46.35	0.53	6.7	40.01	0.92	38.43
6.745	14.72	46.38	0.61	6.71	40.1	1.01	38.45
6.763	14.72	46.42	0.92	6.72	40.18	0.91	38.48
6.764	14.73	46.48	0.42	6.69	40.21	0.85	38.54
6.771	14.73	46.51	0.88	6.67	40.0	0.83	38.57
6.801	14.73	46.52	0.95	6.66	39.73	0.86	38.58
6.843	14.73	46.53	0.57	6.65	39.34	0.81	38.58
6.852	14.73	46.63	0.57	6.64	39.63	0.81	38.68
6.861	14.73	46.69	0.65	6.63	39.51	0.81	38.73
6.875	14.73	46.91	0.61	6.65	39.51	0.9	38.94
6.897	14.73	46.96	0.53	6.68	39.34	0.89	38.99
6.913	14.73	46.97	0.53	6.71	39.19	0.79	39.0
6.921	14.73	46.97	0.53	6.74	39.13	0.79	39.0
6.931	14.73	47.0	0.76	6.76	39.04	0.78	39.02
6.933	14.73	47.17	0.72	6.73	39.37	0.79	39.18
6.943	14.74	47.17	0.72	6.75	39.34	0.72	39.18
6.969	14.74	47.14	0.61	6.78	39.44	0.76	39.14
6.992	14.73	47.11	0.92	6.81	39.26	0.76	39.12
7.011	14.73	47.1	1.3	6.86	39.1	0.76	39.12
7.028	14.73	47.13	1.72	6.9	39.1	0.69	39.14
7.036	14.73	47.19	1.6	6.94	39.03	0.7	39.19
7.042	14.74	47.28	1.76	6.96	38.91	0.72	39.27
7.056	14.75	47.38	2.02	6.97	38.88	0.72	39.36
7.078	14.75	47.45	2.14	6.99	38.88	0.76	39.42
7.105	14.76	47.47	2.14	7.01	39.05	0.7	39.43
7.137	14.77	47.53	1.83	7.04	38.94	0.72	39.47
7.166	14.78	47.63	1.26	7.04	38.87	0.71	39.56
7.185	14.8	47.74	0.88	7.06	38.83	0.72	39.64
7.191	14.82	47.89	1.34	7.06	38.69	0.67	39.76
7.197	14.84	47.99	0.72	7.05	38.57	0.7	39.84
7.206	14.86	48.07	0.72	7.04	38.32	0.85	39.89
7.235	14.87	48.11	0.88	7.03	38.14	0.83	39.92
7.276	14.89	48.15	1.49	7.03	38.06	0.74	39.94
7.3	14.9	48.24	0.99	7.04	38.14	0.69	40.0
7.309	14.93	48.36	0.84	7.06	38.14	0.71	40.1
7.315	14.95	48.43	0.72	7.08	38.16	0.7	40.13
7.326	14.97	48.45	0.69	7.09	38.14	0.68	40.14
7.339	14.98	48.46	0.88	7.1	38.14	0.76	40.13
7.347	14.98	48.47	0.76	7.1	38.04	0.66	40.14
7.348	14.98	48.48	0.84	7.08	38.02	0.64	40.15
7.358	14.98	48.49	0.69	7.07	37.95	0.64	40.15
7.38	14.98	48.48	0.72	7.04	37.83	0.63	40.15
7.406	14.98	48.48	0.76	7.01	37.76	0.62	40.14
7.426	14.98	48.49	0.88	6.99	37.73	0.66	40.15
7.44	14.98	48.51	0.84	6.98	37.68	0.66	40.17
7.446	14.99	48.53	1.37	6.97	38.12	0.66	40.19
7.448	14.98	48.52	2.59	6.98	38.0	0.65	40.19
7.486	14.98	48.52	1.41	6.99	37.65	0.69	40.19
7.542	14.98	48.52	1.41	6.99	37.47	0.68	40.18
7.583	14.97	48.61	1.68	6.98	37.28	0.63	40.28
7.604	14.96	48.82	1.56	6.95	37.21	0.65	40.48
7.615	14.97	48.87	1.18	6.94	37.17	0.68	40.52
7.625	14.99	48.94	1.11	6.91	37.0	0.64	40.57

7.654	15.0	48.97	0.99	6.9	36.71	0.69	40.58
7.698	15.01	49.01	1.03	6.9	36.47	0.7	40.61
7.735	15.01	49.13	0.99	6.94	36.61	0.64	40.73
7.741	15.0	49.13	0.88	6.96	36.53	0.66	40.73
7.771	15.0	49.15	1.03	6.94	36.82	0.65	40.75
7.78	15.0	49.12	1.14	6.94	36.55	0.64	40.72
7.832	15.01	49.12	1.11	6.95	36.2	0.62	40.72
7.901	15.01	49.16	1.18	6.96	36.0	0.62	40.75
7.91	15.0	49.17	1.26	6.98	36.39	0.58	40.77
7.917	15.0	49.17	1.18	6.98	36.08	0.64	40.77
7.95	15.0	49.17	1.76	6.96	35.93	0.64	40.77
7.98	15.0	49.17	1.26	6.94	35.74	0.63	40.77
8.005	15.0	49.17	1.37	6.93	35.54	0.66	40.77
8.035	14.99	49.17	1.6	6.92	35.2	0.71	40.78
8.071	14.99	49.19	1.45	6.93	34.93	0.66	40.81
8.107	14.98	49.23	1.3	6.96	34.67	0.69	40.85
8.126	14.96	49.23	1.45	7.0	34.54	0.65	40.87
8.132	14.95	49.23	1.37	7.03	34.47	0.69	40.88
8.147	14.95	49.23	1.53	7.07	34.23	0.66	40.89
8.184	14.94	49.25	1.49	7.16	34.71	0.63	40.91
8.185	14.94	49.25	1.45	7.16	34.6	0.64	40.9
8.225	14.94	49.25	1.41	7.15	34.3	0.59	40.91
8.239	14.93	49.24	1.56	7.16	34.72	0.63	40.91
8.248	14.93	49.24	1.83	7.17	34.61	0.66	40.91
8.262	14.93	49.24	1.3	7.18	34.49	0.67	40.91
8.275	14.93	49.24	1.49	7.18	34.38	0.65	40.91
8.288	14.93	49.24	1.49	7.17	34.28	0.7	40.91
8.321	14.93	49.24	1.56	7.16	33.97	0.66	40.91
8.375	14.93	49.25	1.49	7.15	33.67	0.65	40.92
8.424	14.93	49.32	1.34	7.14	33.5	0.65	40.98
8.451	14.94	49.34	1.49	7.13	33.54	0.65	41.0
8.455	14.94	49.35	1.41	7.12	33.44	0.63	41.0
8.467	14.94	49.35	1.6	7.11	33.15	0.67	41.0
8.504	14.95	49.38	1.49	7.11	32.81	0.76	41.03
8.548	14.96	49.47	1.56	7.12	32.6	0.67	41.1
8.571	14.99	49.49	1.41	7.13	32.5	0.6	41.08
8.584	15.01	49.49	1.49	7.15	32.44	0.76	41.06
8.602	15.02	49.49	1.49	7.17	32.26	0.68	41.05
8.635	15.02	49.5	1.53	7.18	32.12	0.69	41.06
8.683	15.03	49.52	1.6	7.18	31.88	0.66	41.07
8.726	15.04	49.57	1.87	7.15	31.75	0.66	41.1
8.748	15.05	49.61	1.95	7.11	31.82	0.65	41.12
8.752	15.09	49.6	2.21	7.03	31.86	0.64	41.09
8.756	15.09	49.58	2.33	6.99	31.88	0.67	41.06
8.764	15.08	49.59	2.25	6.97	31.85	0.67	41.08
8.778	15.08	49.58	2.06	6.93	31.73	0.72	41.07
8.806	15.08	49.58	1.95	6.9	31.47	0.69	41.07
8.842	15.08	49.61	2.21	6.87	31.37	0.69	41.1
8.875	15.08	49.62	2.17	6.85	31.26	0.67	41.11
8.897	15.09	49.63	2.33	6.82	31.19	0.69	41.11
8.908	15.1	49.63	2.52	6.77	31.1	0.72	41.1
8.936	15.1	49.63	2.78	6.77	30.68	0.73	41.09
8.975	15.1	49.63	2.82	6.77	30.5	0.72	41.1
9.006	15.1	49.63	2.94	6.78	30.15	0.83	41.09
9.033	15.1	49.64	3.36	6.78	29.91	0.75	41.11
9.064	15.11	49.68	3.32	6.79	29.33	0.72	41.14
9.103	15.12	49.73	3.2	6.79	28.75	0.81	41.17
9.142	15.14	49.79	3.51	6.8	28.37	0.78	41.2

9.163	15.17	49.8	3.36	6.81	28.26	0.78	41.19
9.166	15.18	49.81	3.51	6.82	28.22	0.77	41.17
9.173	15.2	49.82	3.82	6.83	27.95	1.13	41.18
9.194	15.2	49.82	3.59	6.83	27.63	0.84	41.16
9.205	15.25	49.85	3.7	6.64	28.05	0.71	41.14
9.213	15.24	49.87	3.66	6.59	27.67	0.72	41.17
9.247	15.24	49.88	3.51	6.55	27.33	0.83	41.18
9.283	15.24	49.9	3.78	6.5	27.1	0.76	41.2
9.298	15.26	49.91	3.59	6.39	27.26	0.68	41.19
9.326	15.26	49.9	3.78	6.38	26.79	0.69	41.18
9.33	15.28	49.96	3.74	6.34	27.1	0.97	41.21
9.379	15.29	49.97	4.0	6.34	25.8	0.79	41.22
9.482	15.29	49.99	4.5	6.33	24.5	0.81	41.22
9.543	15.31	49.99	4.16	6.32	24.51	0.8	41.21
9.552	15.31	49.99	4.0	6.3	24.03	0.81	41.21
9.591	15.31	49.99	4.16	6.29	23.48	0.83	41.21
9.598	15.31	49.99	4.54	6.19	23.77	0.79	41.21
9.623	15.31	49.99	4.62	6.17	23.12	0.85	41.21
9.648	15.31	49.98	4.5	6.14	23.57	1.11	41.2
9.653	15.3	49.97	4.46	6.15	23.06	0.82	41.2
9.696	15.3	49.97	4.65	6.15	22.43	0.88	41.2
9.742	15.3	49.97	4.65	6.16	22.1	0.88	41.2
9.767	15.3	49.97	4.5	6.17	22.2	0.87	41.2
9.768	15.3	49.97	4.69	6.17	22.37	0.84	41.2
9.775	15.3	49.97	4.73	6.19	21.92	0.92	41.2
9.813	15.3	49.97	4.65	6.18	21.17	0.85	41.2
9.852	15.3	49.97	4.46	6.21	21.31	0.72	41.2
9.864	15.3	49.97	4.65	6.23	20.51	0.79	41.2
9.935	15.3	49.96	4.73	6.24	19.26	0.79	41.2
10.006	15.3	49.97	4.88	6.25	18.92	0.82	41.21
10.034	15.3	49.98	4.65	6.26	18.99	0.76	41.21



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.74	50.46	0.46	5.74	33.76	0.95	42.18
PROF (metros)	0.725	0.725	0.725	1.077	5.429	0.725	0.957
MÁXIMO	16.16	16.16	1.6	7.7	66.23	1.97	44.54
PROF (metros)	5.285	5.285	2.109	5.014	0.829	4.523	5.427

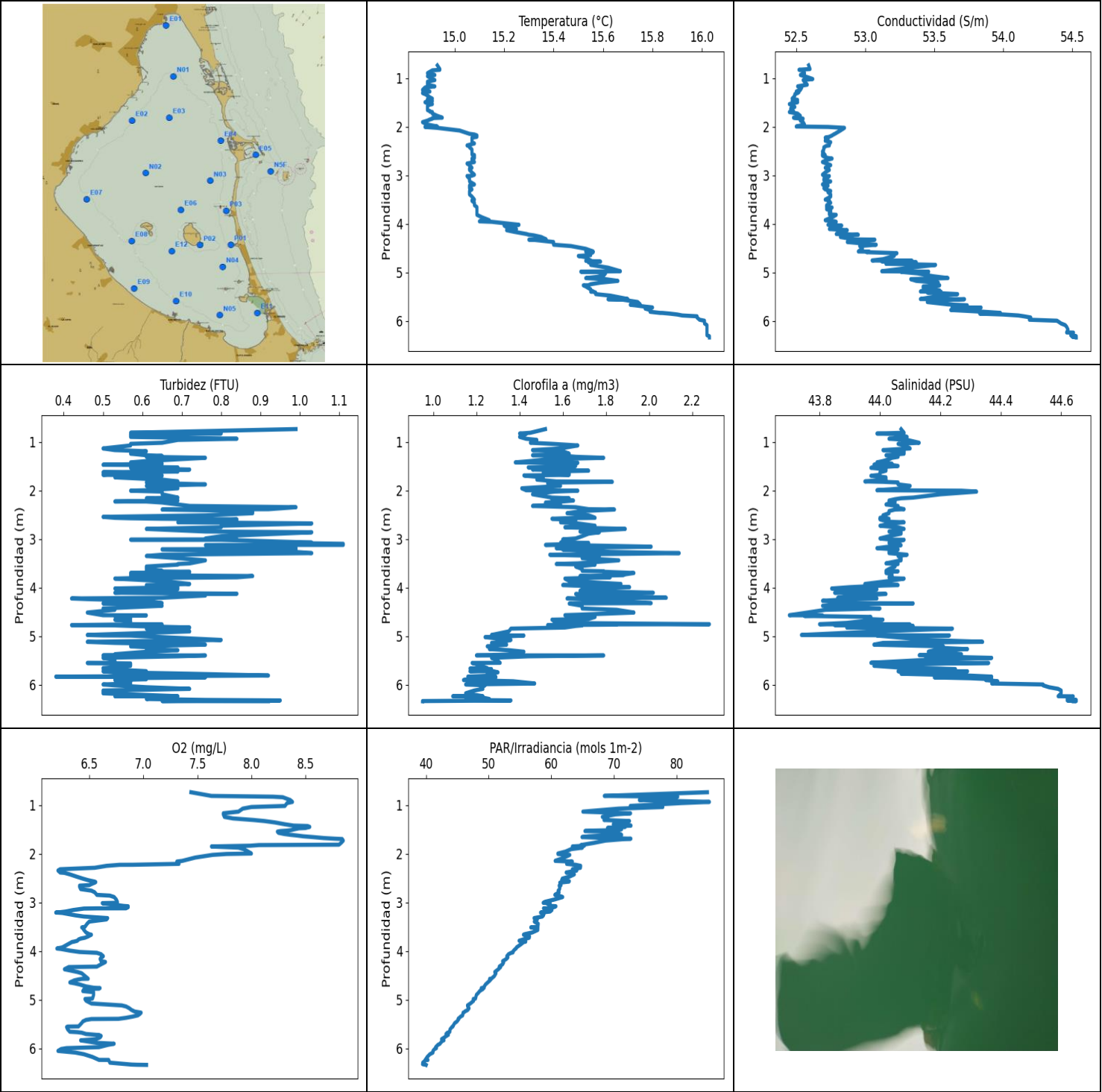
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.8	50.54	0.8	6.33	57.69	1.09	42.28
1 - 2m	14.99	51.22	1.0	6.0	52.42	1.23	42.71
2 - 3m	15.12	52.03	1.3	6.53	45.9	1.4	43.33
3 - 4m	15.21	52.32	0.93	6.2	42.13	1.52	43.5
4 - 5m	15.85	53.71	0.74	6.53	37.32	1.54	44.08
5 - 6m	16.15	54.55	0.87	7.63	34.71	1.4	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)
0.725	14.74	50.46	0.46	6.31	55.83	0.95	42.28
0.768	14.75	50.49	0.65	6.33	53.62	1.05	42.29
0.788	14.75	50.51	0.84	6.34	59.84	1.17	42.3
0.829	14.77	50.49	0.46	6.35	66.23	1.2	42.27
0.855	14.78	50.49	0.69	6.35	53.74	1.03	42.25
0.856	14.78	50.52	0.57	6.33	58.89	1.05	42.28
0.859	14.76	50.53	0.61	6.3	55.25	1.06	42.32
0.869	14.76	50.58	0.88	6.28	59.71	1.09	42.36
0.894	14.78	50.57	0.84	6.29	55.14	1.06	42.33
0.905	14.84	50.59	0.95	6.35	57.85	1.1	42.28
0.93	14.88	50.55	0.76	6.35	56.92	1.15	42.21
0.957	14.89	50.54	1.3	6.35	63.84	1.15	42.18
0.974	14.86	50.61	1.14	6.36	56.42	1.09	42.28
0.983	14.83	50.62	0.99	6.35	54.55	1.13	42.32
0.995	14.82	50.62	0.84	6.34	57.51	1.11	42.33
1.001	14.83	50.64	0.92	6.09	58.55	1.08	42.34
1.015	14.84	50.64	0.92	6.02	60.2	1.21	42.33
1.034	14.85	50.61	0.84	5.96	54.86	1.12	42.29
1.039	14.86	50.69	0.57	5.82	55.86	1.06	42.35
1.051	14.87	50.68	0.92	5.79	59.11	1.07	42.33
1.066	14.9	50.76	0.92	5.75	53.25	1.13	42.38
1.077	14.9	50.81	1.11	5.74	59.07	1.14	42.43
1.117	14.93	50.79	0.99	5.75	58.93	1.2	42.37
1.167	14.97	50.68	0.88	5.76	52.54	1.17	42.23
1.169	14.94	50.76	0.84	5.9	61.67	1.24	42.33
1.188	14.95	50.86	0.8	5.95	52.9	1.17	42.42
1.242	14.96	50.9	0.8	6.01	46.39	1.13	42.44
1.288	14.98	50.99	0.69	6.31	52.51	1.09	42.51
1.317	15.01	50.94	0.69	6.34	53.62	1.16	42.43
1.366	15.01	51.02	0.72	6.29	52.68	1.12	42.51
1.379	15.03	50.92	0.72	6.26	55.75	1.2	42.39
1.405	15.04	51.25	0.95	5.99	51.98	1.23	42.68
1.454	15.08	51.15	0.99	5.95	48.32	1.17	42.55
1.545	15.1	51.01	0.95	5.93	51.54	1.15	42.39
1.585	15.08	51.58	1.49	5.92	50.27	1.22	42.95
1.604	15.1	51.89	1.49	5.95	51.2	1.15	43.22

1.681	15.06	51.38	1.26	6.26	49.01	1.3	42.79
1.708	15.07	51.35	1.56	6.34	47.76	1.27	42.74
1.756	15.06	51.45	1.18	6.42	48.39	1.32	42.84
1.772	15.03	51.75	0.95	6.23	49.98	1.3	43.17
1.773	15.01	51.68	1.26	6.15	51.21	1.33	43.12
1.782	15.02	51.62	1.03	6.07	51.23	1.35	43.05
1.827	15.03	51.63	1.49	6.02	51.88	1.35	43.05
1.836	15.02	51.61	0.88	5.9	53.07	1.41	43.05
1.84	15.03	51.66	1.26	5.88	50.36	1.56	43.09
1.861	15.02	51.71	0.95	5.87	47.65	1.45	43.14
1.905	15.03	51.65	1.11	5.86	47.42	1.3	43.07
1.92	15.04	51.86	0.99	5.79	48.82	1.32	43.26
1.97	15.06	52.08	0.88	5.77	49.05	1.29	43.44
1.997	15.08	51.83	0.92	6.05	47.79	1.27	43.18
2.022	15.1	51.83	1.14	6.2	47.37	1.3	43.16
2.102	15.11	51.79	1.22	6.36	50.56	1.3	43.11
2.109	15.07	51.91	1.6	6.78	45.84	1.3	43.27
2.179	15.07	51.94	1.37	6.5	47.17	1.25	43.31
2.189	15.09	52.0	1.56	6.45	44.83	1.36	43.34
2.283	15.11	51.95	1.34	6.42	44.56	1.21	43.27
2.422	15.11	51.99	1.45	6.44	44.35	1.32	43.31
2.494	15.1	51.98	1.45	6.45	45.94	1.43	43.31
2.509	15.1	52.08	1.41	6.45	43.57	1.46	43.4
2.535	15.1	52.12	1.18	6.4	46.74	1.3	43.43
2.6	15.13	52.19	0.95	6.48	48.61	1.39	43.46
2.655	15.15	52.1	1.18	6.58	46.42	1.39	43.36
2.754	15.16	52.05	0.99	6.7	44.84	1.4	43.31
2.838	15.15	52.24	1.49	6.82	45.44	1.85	43.49
2.891	15.16	52.12	1.34	6.73	44.68	1.63	43.37
2.964	15.17	52.17	1.14	6.64	43.53	1.55	43.41
3.048	15.16	52.25	0.95	6.54	42.55	1.4	43.49
3.116	15.16	52.15	1.14	6.47	41.75	1.53	43.4
3.157	15.16	52.13	1.03	6.39	42.28	1.46	43.38
3.172	15.15	52.22	0.84	6.33	43.6	1.43	43.47
3.18	15.15	52.29	0.99	6.26	44.11	1.34	43.54
3.209	15.16	52.24	0.84	6.2	44.02	1.48	43.49
3.268	15.17	52.2	0.92	6.16	43.7	1.5	43.43
3.338	15.19	52.26	0.84	6.12	42.72	1.56	43.47
3.408	15.2	52.27	0.84	6.1	41.86	1.46	43.46
3.456	15.21	52.19	0.72	6.08	41.66	1.42	43.37
3.485	15.22	52.25	0.84	6.07	41.9	1.48	43.43
3.512	15.21	52.36	0.84	6.05	42.6	1.56	43.54
3.55	15.22	52.28	0.76	6.04	43.07	1.65	43.45
3.598	15.23	52.22	0.95	6.03	42.93	1.56	43.39
3.646	15.24	52.29	0.99	6.02	42.26	1.44	43.44
3.673	15.24	52.32	0.92	6.03	42.11	1.55	43.47
3.685	15.24	52.28	0.95	6.05	42.05	1.48	43.44
3.707	15.24	52.4	0.95	6.08	42.0	1.45	43.54
3.754	15.24	52.4	0.99	6.1	41.46	1.53	43.54
3.784	15.22	52.45	1.26	6.16	41.6	1.43	43.62
3.8	15.22	52.49	1.22	6.16	41.52	1.56	43.66
3.834	15.23	52.32	0.99	6.19	41.67	1.63	43.48
3.876	15.23	52.44	0.84	6.24	41.03	1.82	43.59
3.933	15.23	52.52	0.76	6.3	40.39	1.57	43.67
3.984	15.26	52.38	0.84	6.4	40.06	1.72	43.51
3.991	15.31	52.62	0.84	6.63	40.46	1.4	43.68
4.01	15.35	52.64	0.76	6.56	39.93	1.63	43.65
4.057	15.42	52.53	0.88	6.49	39.36	1.53	43.47

4.097	15.47	52.54	1.03	6.41	38.99	1.91	43.42
4.114	15.48	52.7	0.95	6.18	38.98	1.53	43.56
4.132	15.51	52.97	0.69	6.12	39.0	1.75	43.78
4.18	15.53	52.88	0.88	6.09	38.83	1.56	43.67
4.23	15.55	52.94	0.76	6.07	38.6	1.56	43.7
4.274	15.59	53.06	0.8	6.06	38.32	1.67	43.77
4.299	15.63	52.96	0.65	6.08	38.05	1.84	43.63
4.313	15.66	53.14	0.65	6.1	38.0	1.75	43.77
4.328	15.69	53.28	0.8	6.13	37.65	1.59	43.87
4.352	15.72	53.34	0.88	6.16	37.45	1.59	43.88
4.403	15.77	53.52	0.69	6.19	37.24	1.59	44.0
4.467	15.82	53.34	0.8	6.23	37.49	1.56	43.77
4.492	15.87	53.87	0.72	6.26	37.5	1.53	44.21
4.523	15.92	54.03	0.76	6.28	36.92	1.97	44.3
4.591	15.97	54.03	0.61	6.31	36.59	1.59	44.25
4.644	16.0	54.03	0.61	6.37	36.78	1.66	44.22
4.664	16.06	54.3	0.69	6.75	36.83	1.53	44.4
4.704	16.08	54.33	0.69	6.83	36.55	1.45	44.4
4.752	16.09	54.28	0.65	6.87	36.63	1.38	44.35
4.77	16.09	54.32	0.69	6.87	36.55	1.34	44.38
4.773	16.1	54.37	0.61	6.86	36.15	1.24	44.41
4.774	16.11	54.4	0.65	6.84	36.5	1.3	44.43
4.789	16.11	54.42	0.76	6.85	36.46	1.44	44.44
4.838	16.12	54.43	0.57	6.86	35.96	1.37	44.45
4.887	16.12	54.39	0.65	6.86	35.88	1.31	44.41
4.897	16.14	54.48	0.76	6.95	36.07	1.4	44.47
4.907	16.14	54.49	0.69	7.01	36.07	1.37	44.49
4.968	16.14	54.5	0.8	7.1	35.63	1.44	44.48
4.986	16.15	54.52	0.8	7.68	35.99	1.39	44.49
5.014	16.15	54.51	0.8	7.7	35.83	1.35	44.49
5.074	16.14	54.5	0.76	7.7	35.7	1.32	44.49
5.128	16.15	54.54	0.92	7.59	35.51	1.32	44.51
5.159	16.15	54.54	0.76	7.56	35.24	1.36	44.51
5.205	16.15	54.54	0.92	7.55	35.25	1.35	44.52
5.244	16.15	54.55	0.88	7.55	35.1	1.62	44.52
5.27	16.15	54.55	0.8	7.57	34.68	1.41	44.53
5.285	16.16	54.57	1.11	7.67	34.61	1.4	44.53
5.326	16.16	54.57	0.88	7.68	34.27	1.39	44.53
5.386	16.16	54.57	1.07	7.67	34.18	1.37	44.53
5.412	16.16	54.57	0.8	7.62	33.91	1.42	44.53
5.42	16.16	54.57	0.84	7.62	33.95	1.59	44.53
5.427	16.16	54.57	0.72	7.65	33.93	1.36	44.54
5.429	16.16	54.57	0.88	7.67	33.76	1.37	44.54



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.87	52.45	0.38	6.19	39.45	0.95	43.7
PROF (metros)	1.242	1.533	5.834	3.209	6.324	6.337	4.569
MÁXIMO	16.03	16.03	1.11	8.85	85.27	2.28	44.65
PROF (metros)	6.314	6.314	3.098	1.729	0.934	4.754	6.314

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	14.92	52.56	0.72	8.09	78.67	1.44	44.06
1 - 2m	14.9	52.5	0.62	8.25	68.71	1.55	44.03
2 - 3m	15.06	52.73	0.74	6.71	62.21	1.65	44.06
3 - 4m	15.08	52.73	0.75	6.46	57.48	1.72	44.04
4 - 5m	15.44	53.04	0.58	6.49	50.71	1.69	43.93
5 - 6m	15.7	53.67	0.59	6.6	44.38	1.29	44.22
6 - 7m	16.02	54.48	0.66	6.64	40.21	1.17	44.61

OBSERVACIONES GENERALES

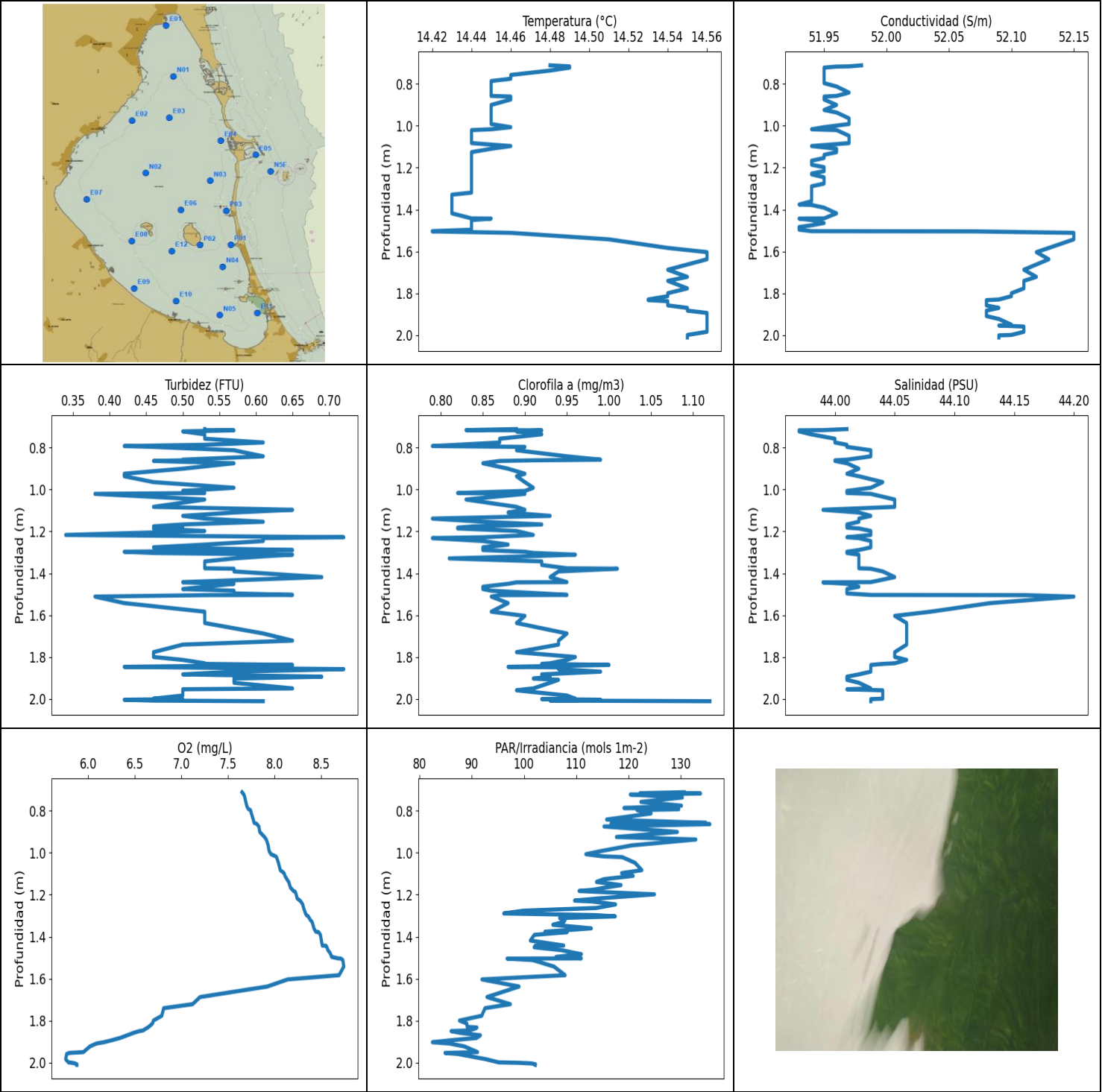
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.735	14.93	52.59	0.99	7.44	84.95	1.52	44.07
0.811	14.94	52.6	0.57	7.63	68.48	1.45	44.08
0.827	14.94	52.52	0.8	8.2	80.21	1.4	43.99
0.838	14.91	52.55	0.57	8.29	76.95	1.43	44.06
0.896	14.89	52.56	0.57	8.36	74.08	1.4	44.09
0.934	14.92	52.53	0.84	8.38	85.27	1.43	44.03
0.958	14.89	52.56	0.69	8.33	80.77	1.48	44.09
1.017	14.91	52.62	0.65	8.31	72.63	1.45	44.13
1.039	14.92	52.55	0.57	8.0	77.83	1.55	44.06
1.072	14.89	52.56	0.57	7.92	70.79	1.67	44.08
1.134	14.89	52.58	0.5	7.88	65.06	1.59	44.1
1.168	14.92	52.51	0.53	7.74	72.68	1.46	44.01
1.191	14.88	52.54	0.61	7.74	70.23	1.6	44.08
1.242	14.87	52.53	0.57	7.75	68.16	1.63	44.08
1.274	14.9	52.5	0.61	7.83	69.04	1.46	44.02
1.287	14.88	52.52	0.65	7.91	68.89	1.61	44.06
1.306	14.87	52.51	0.61	8.02	68.43	1.66	44.06
1.327	14.88	52.49	0.76	8.12	72.51	1.79	44.04
1.357	14.89	52.49	0.69	8.22	70.62	1.53	44.03
1.394	14.9	52.48	0.61	8.31	69.91	1.45	44.01
1.421	14.91	52.47	0.57	8.39	72.75	1.38	43.99
1.43	14.89	52.48	0.57	8.52	71.4	1.67	44.01
1.447	14.89	52.51	0.65	8.54	71.84	1.63	44.04
1.47	14.91	52.47	0.5	8.5	68.99	1.62	43.98
1.476	14.89	52.5	0.61	8.44	71.17	1.53	44.04
1.495	14.88	52.51	0.65	8.4	71.25	1.66	44.06
1.512	14.89	52.48	0.57	8.37	70.87	1.51	44.02
1.524	14.9	52.47	0.69	8.33	66.79	1.44	43.99
1.533	14.91	52.45	0.57	8.27	65.39	1.46	43.97
1.545	14.9	52.46	0.61	8.24	69.05	1.48	43.99
1.569	14.89	52.48	0.72	8.25	68.78	1.46	44.02
1.592	14.89	52.49	0.65	8.3	70.87	1.72	44.02
1.61	14.89	52.47	0.69	8.36	71.25	1.53	44.01
1.624	14.89	52.46	0.5	8.42	68.48	1.51	44.0
1.641	14.89	52.46	0.61	8.48	65.99	1.63	44.0

1.657	14.89	52.46	0.53	8.57	64.92	1.51	44.0
1.677	14.9	52.48	0.5	8.67	68.97	1.63	44.0
1.69	14.9	52.46	0.65	8.77	72.73	1.42	43.98
1.697	14.91	52.45	0.65	8.84	71.74	1.43	43.97
1.729	14.91	52.51	0.53	8.85	68.67	1.51	44.02
1.776	14.93	52.53	0.65	8.83	66.82	1.48	44.02
1.813	14.95	52.48	0.69	8.81	65.17	1.57	43.95
1.821	14.91	52.49	0.65	8.07	64.74	1.83	44.01
1.834	14.91	52.55	0.61	7.99	65.3	1.6	44.06
1.85	14.9	52.53	0.65	7.63	63.38	1.53	44.06
1.874	14.89	52.53	0.76	7.88	64.98	1.54	44.06
1.905	14.87	52.55	0.61	7.93	63.17	1.59	44.1
1.955	14.89	52.56	0.69	7.97	62.29	1.41	44.08
1.995	14.93	52.5	0.61	8.0	61.07	1.43	43.99
2.004	14.88	52.73	0.57	7.77	61.08	1.67	44.27
2.023	14.93	52.85	0.65	7.64	62.97	1.56	44.32
2.078	15.02	52.82	0.65	7.48	62.06	1.46	44.2
2.146	15.06	52.78	0.69	7.36	60.63	1.55	44.11
2.16	15.08	52.77	0.61	7.31	63.38	1.63	44.07
2.179	15.09	52.76	0.65	7.32	62.63	1.55	44.05
2.207	15.09	52.74	0.69	7.33	62.46	1.65	44.03
2.226	15.07	52.71	0.53	6.9	63.84	1.6	44.03
2.227	15.07	52.73	0.61	6.78	63.91	1.59	44.05
2.248	15.07	52.73	0.65	6.66	64.71	1.52	44.05
2.288	15.07	52.71	0.69	6.55	64.67	1.59	44.02
2.318	15.07	52.75	0.72	6.23	63.38	1.46	44.06
2.344	15.08	52.74	0.99	6.21	64.09	1.66	44.05
2.385	15.05	52.74	0.92	6.23	62.39	1.72	44.08
2.392	15.06	52.72	0.65	6.27	63.38	1.84	44.05
2.423	15.06	52.7	0.88	6.32	63.7	1.69	44.03
2.468	15.07	52.7	0.88	6.38	62.95	1.62	44.03
2.511	15.07	52.69	0.76	6.44	61.77	1.72	44.01
2.543	15.07	52.7	0.5	6.49	61.67	1.74	44.02
2.563	15.07	52.69	0.53	6.53	62.9	1.75	44.0
2.572	15.07	52.69	0.57	6.55	62.84	1.61	44.0
2.582	15.08	52.71	0.65	6.56	62.11	1.55	44.03
2.594	15.08	52.69	0.84	6.55	61.37	1.59	44.0
2.612	15.08	52.7	0.8	6.53	61.44	1.66	44.01
2.644	15.08	52.73	0.84	6.5	61.57	1.66	44.03
2.655	15.07	52.76	0.69	6.41	61.27	1.59	44.08
2.678	15.07	52.73	1.03	6.41	61.4	1.67	44.04
2.726	15.08	52.69	0.8	6.42	61.34	1.75	44.0
2.758	15.05	52.72	0.8	6.52	61.11	1.61	44.06
2.791	15.06	52.75	0.61	6.55	61.26	1.89	44.08
2.845	15.07	52.71	0.76	6.57	60.58	1.68	44.03
2.86	15.06	52.73	1.03	6.69	61.2	1.77	44.07
2.889	15.06	52.74	0.95	6.73	61.84	1.72	44.07
2.941	15.07	52.71	0.8	6.75	60.49	1.69	44.03
2.988	15.08	52.69	0.76	6.76	59.0	1.66	44.0
3.008	15.07	52.71	0.84	6.76	58.72	1.6	44.03
3.013	15.06	52.7	0.57	6.66	59.82	1.61	44.04
3.015	15.05	52.74	0.8	6.62	59.27	1.63	44.08
3.073	15.06	52.72	1.03	6.82	60.06	1.59	44.05
3.079	15.06	52.7	0.95	6.86	60.76	1.72	44.03
3.098	15.06	52.7	1.11	6.86	60.44	1.66	44.04
3.121	15.06	52.71	1.11	6.84	59.22	1.52	44.04
3.122	15.06	52.73	0.8	6.57	58.77	1.56	44.06
3.126	15.06	52.75	0.76	6.45	59.46	1.65	44.07

3.157	15.07	52.71	0.92	6.35	60.12	2.01	44.03
3.188	15.08	52.69	0.99	6.28	59.82	1.57	43.99
3.204	15.07	52.72	0.99	6.22	58.64	1.62	44.03
3.209	15.06	52.73	0.69	6.19	58.3	1.69	44.06
3.21	15.06	52.7	0.65	6.21	58.66	1.75	44.04
3.216	15.06	52.73	0.65	6.25	58.9	1.6	44.06
3.265	15.06	52.7	0.99	6.37	58.77	1.82	44.03
3.29	15.07	52.71	1.03	6.45	58.6	2.14	44.03
3.323	15.06	52.75	0.65	6.67	57.26	1.54	44.09
3.349	15.06	52.73	0.61	6.66	57.79	1.77	44.06
3.394	15.06	52.75	0.69	6.5	57.3	1.69	44.07
3.438	15.07	52.75	0.76	6.48	57.93	1.86	44.07
3.501	15.08	52.71	0.72	6.46	57.87	1.67	44.02
3.514	15.07	52.74	0.69	6.43	56.74	1.57	44.06
3.527	15.07	52.73	0.69	6.44	57.86	1.75	44.05
3.566	15.08	52.75	0.61	6.45	57.86	1.66	44.05
3.618	15.08	52.72	0.61	6.47	56.98	1.69	44.03
3.654	15.09	52.72	0.65	6.5	55.75	1.69	44.02
3.664	15.09	52.76	0.61	6.52	55.57	1.79	44.06
3.674	15.09	52.73	0.72	6.51	56.25	1.79	44.03
3.699	15.09	52.72	0.57	6.49	56.54	1.93	44.02
3.726	15.09	52.75	0.72	6.46	56.5	1.89	44.04
3.744	15.09	52.75	0.57	6.42	56.01	1.88	44.04
3.762	15.09	52.74	0.88	6.4	55.55	1.68	44.04
3.788	15.09	52.74	0.84	6.39	54.87	1.82	44.03
3.806	15.09	52.74	0.57	6.36	55.94	1.67	44.04
3.814	15.09	52.79	0.53	6.34	55.62	1.61	44.08
3.864	15.11	52.76	0.65	6.3	55.14	1.63	44.03
3.925	15.14	52.71	0.72	6.25	54.46	1.87	43.95
3.948	15.1	52.78	0.61	6.2	54.39	1.6	44.06
3.958	15.15	52.79	0.61	6.24	54.26	1.65	44.01
3.991	15.21	52.75	0.69	6.32	54.0	1.91	43.9
4.019	15.26	52.73	0.53	6.41	53.85	1.71	43.84
4.029	15.24	52.78	0.69	6.5	53.9	1.79	43.9
4.036	15.2	52.83	0.61	6.57	53.62	1.69	43.99
4.066	15.21	52.79	0.65	6.61	53.17	1.68	43.95
4.106	15.25	52.74	0.53	6.63	52.91	2.02	43.85
4.126	15.22	52.84	0.84	6.62	53.08	1.8	43.98
4.131	15.21	52.87	0.76	6.61	53.08	1.66	44.02
4.163	15.24	52.82	0.76	6.6	52.84	1.68	43.93
4.209	15.29	52.79	0.65	6.61	52.24	2.08	43.86
4.224	15.3	52.95	0.42	6.65	52.35	1.62	43.99
4.237	15.32	52.88	0.46	6.64	52.4	1.68	43.91
4.271	15.35	52.82	0.61	6.61	52.25	1.82	43.81
4.32	15.37	52.92	0.65	6.57	51.7	2.01	43.89
4.326	15.3	53.07	0.5	6.36	51.94	1.65	44.11
4.329	15.32	52.96	0.61	6.31	51.92	1.63	43.98
4.374	15.4	52.87	0.65	6.27	51.56	1.69	43.81
4.43	15.4	53.08	0.5	6.39	50.99	1.69	44.0
4.457	15.47	52.96	0.53	6.43	51.18	1.85	43.82
4.514	15.53	52.98	0.46	6.46	50.92	1.93	43.76
4.569	15.56	52.95	0.5	6.49	50.43	1.61	43.7
4.572	15.53	53.03	0.61	6.43	50.16	1.72	43.81
4.583	15.56	53.01	0.53	6.4	50.36	1.72	43.75
4.604	15.55	53.23	0.57	6.36	50.22	1.75	43.97
4.645	15.55	53.2	0.57	6.32	49.86	1.72	43.95
4.661	15.5	53.21	0.53	6.36	49.73	1.55	44.01
4.686	15.53	53.18	0.57	6.41	49.52	1.62	43.95

4.727	15.54	53.13	0.57	6.47	49.3	1.56	43.89
4.754	15.55	53.05	0.57	6.54	49.3	2.28	43.8
4.758	15.55	53.15	0.65	6.58	49.16	1.72	43.9
4.761	15.53	53.34	0.53	6.6	48.84	1.85	44.1
4.773	15.57	53.12	0.42	6.59	48.82	1.53	43.85
4.778	15.59	53.23	0.53	6.49	49.12	1.69	43.94
4.79	15.54	53.37	0.57	6.45	48.97	1.66	44.11
4.822	15.56	53.15	0.72	6.44	48.58	1.61	43.89
4.845	15.55	53.51	0.61	6.54	48.46	1.36	44.24
4.902	15.62	53.33	0.72	6.54	48.05	1.35	43.99
4.976	15.67	53.12	0.46	6.53	47.92	1.27	43.74
4.985	15.51	53.46	0.5	6.46	47.55	1.33	44.23
4.988	15.57	53.26	0.57	6.46	47.61	1.42	43.99
5.02	15.61	53.38	0.65	6.47	47.62	1.24	44.05
5.078	15.6	53.49	0.8	6.52	47.09	1.36	44.16
5.117	15.53	53.6	0.46	6.8	46.63	1.32	44.34
5.139	15.61	53.33	0.53	6.84	46.67	1.27	44.01
5.175	15.66	53.37	0.76	6.87	46.88	1.34	43.98
5.21	15.59	53.53	0.57	6.89	46.68	1.25	44.21
5.243	15.55	53.48	0.65	6.92	46.2	1.28	44.21
5.265	15.54	53.54	0.65	6.98	46.03	1.27	44.28
5.266	15.52	53.53	0.61	6.98	45.93	1.26	44.29
5.289	15.53	53.42	0.69	6.97	45.9	1.35	44.18
5.321	15.54	53.42	0.61	6.95	45.87	1.42	44.16
5.347	15.55	53.51	0.57	6.9	45.54	1.4	44.24
5.372	15.55	53.54	0.53	6.84	45.32	1.37	44.27
5.393	15.56	53.4	0.57	6.77	45.14	1.27	44.13
5.396	15.55	53.53	0.5	6.6	45.24	1.2	44.26
5.397	15.56	53.55	0.76	6.52	45.2	1.79	44.26
5.415	15.57	53.45	0.69	6.47	45.13	1.44	44.15
5.447	15.57	53.67	0.5	6.44	44.96	1.27	44.37
5.479	15.63	53.55	0.53	6.43	44.6	1.29	44.18
5.549	15.7	53.4	0.53	6.4	44.27	1.31	43.97
5.552	15.62	53.72	0.46	6.3	44.3	1.18	44.36
5.562	15.68	53.64	0.57	6.29	44.14	1.19	44.22
5.61	15.74	53.45	0.57	6.3	43.84	1.22	43.98
5.658	15.75	53.6	0.5	6.32	43.82	1.25	44.09
5.667	15.71	53.66	0.5	6.39	43.73	1.17	44.19
5.678	15.73	53.74	0.53	6.43	43.43	1.27	44.25
5.705	15.77	53.64	0.57	6.47	43.19	1.27	44.12
5.723	15.8	53.63	0.61	6.57	43.58	1.17	44.06
5.724	15.77	53.84	0.5	6.59	43.47	1.28	44.29
5.745	15.77	53.7	0.53	6.61	43.27	1.3	44.17
5.774	15.79	53.62	0.72	6.6	42.95	1.25	44.07
5.811	15.79	53.86	0.92	6.56	42.49	1.28	44.29
5.834	15.83	53.98	0.38	6.43	42.88	1.16	44.37
5.835	15.84	53.93	0.53	6.42	42.77	1.29	44.31
5.849	15.87	53.83	0.76	6.46	42.61	1.29	44.18
5.867	15.9	54.0	0.53	6.51	42.47	1.2	44.3
5.887	15.92	54.11	0.61	6.57	42.34	1.17	44.37
5.904	15.98	54.15	0.53	6.73	42.25	1.14	44.35
5.929	15.98	54.2	0.57	6.67	41.9	1.37	44.39
5.975	15.99	54.19	0.57	6.59	41.55	1.47	44.37
5.995	16.01	54.39	0.5	6.29	41.68	1.15	44.54
6.013	16.01	54.4	0.53	6.24	41.38	1.24	44.54
6.052	16.01	54.42	0.61	6.21	41.12	1.22	44.56
6.086	16.02	54.45	0.72	6.37	41.12	1.23	44.59
6.12	16.02	54.46	0.5	6.45	40.63	1.19	44.6

6.177	16.02	54.47	0.5	6.53	40.2	1.15	44.6
6.237	16.02	54.46	0.69	6.59	39.89	1.23	44.59
6.238	16.02	54.48	0.53	6.68	40.32	1.09	44.61
6.24	16.02	54.51	0.65	6.68	40.0	1.2	44.64
6.294	16.02	54.49	0.61	6.69	39.48	1.26	44.62
6.314	16.03	54.53	0.76	6.79	39.57	1.15	44.65
6.324	16.03	54.5	0.95	6.84	39.45	1.36	44.62
6.333	16.03	54.53	0.69	6.89	39.78	1.1	44.64
6.337	16.03	54.53	0.65	6.94	40.01	0.95	44.65
6.34	16.03	54.53	0.92	7.03	40.04	0.95	44.64



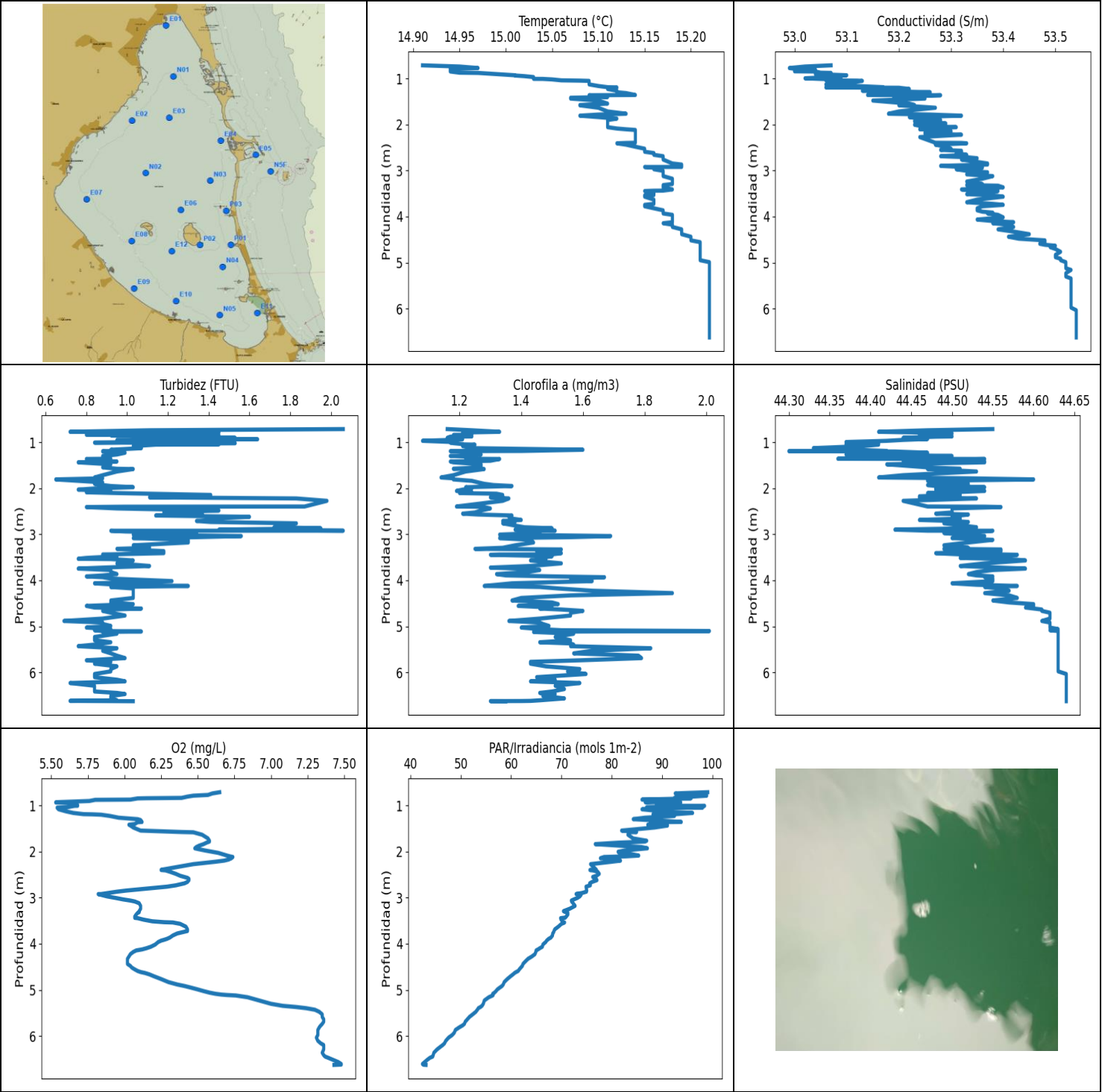
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.42	51.93	0.34	5.76	82.45	0.79	43.97
PROF (metros)	1.503	1.376	1.217	1.983	1.902	0.793	0.718
MÁXIMO	14.56	14.56	0.73	8.74	135.58	1.12	44.2
PROF (metros)	1.603	1.511	1.228	1.542	0.864	2.01	1.511

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	14.46	51.96	0.51	7.77	124.67	0.89	44.01
1 - 2m	14.48	52.01	0.54	7.7	103.24	0.9	44.03
2 - 3m	14.55	52.09	0.5	5.86	101.2	0.99	44.03

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)
0.712	14.48	51.98	0.53	7.65	130.68	0.89	44.01
0.717	14.49	51.97	0.53	7.66	122.21	0.83	43.99
0.718	14.49	51.96	0.57	7.66	133.8	0.92	43.97
0.723	14.49	51.95	0.5	7.67	120.35	0.89	43.97
0.737	14.48	51.95	0.53	7.68	130.31	0.92	43.98
0.758	14.46	51.95	0.53	7.69	122.38	0.87	44.0
0.776	14.46	51.95	0.61	7.7	130.13	0.87	44.0
0.787	14.45	51.95	0.53	7.71	119.13	0.82	44.01
0.793	14.45	51.95	0.42	7.72	129.62	0.79	44.01
0.797	14.45	51.95	0.46	7.74	121.64	0.9	44.01
0.813	14.45	51.96	0.57	7.75	124.32	0.89	44.03
0.842	14.45	51.97	0.61	7.77	115.81	0.95	44.03
0.858	14.45	51.96	0.5	7.78	134.86	0.99	44.01
0.861	14.46	51.95	0.5	7.8	116.65	0.91	44.0
0.864	14.46	51.95	0.46	7.81	135.58	0.87	44.0
0.875	14.46	51.95	0.57	7.83	115.3	0.85	44.01
0.901	14.45	51.96	0.5	7.84	129.35	0.88	44.02
0.925	14.45	51.95	0.42	7.89	117.68	0.9	44.01
0.937	14.45	51.96	0.42	7.91	132.88	0.89	44.02
0.965	14.45	51.97	0.46	7.93	120.61	0.9	44.04
0.992	14.45	51.97	0.57	7.94	114.74	0.91	44.03
1.007	14.46	51.95	0.5	7.96	111.83	0.9	44.01
1.017	14.45	51.94	0.53	8.01	115.09	0.82	44.01
1.021	14.44	51.96	0.38	8.02	118.8	0.9	44.03
1.048	14.44	51.97	0.53	8.04	121.25	0.83	44.05
1.083	14.44	51.97	0.46	8.06	122.55	0.89	44.05
1.097	14.46	51.94	0.65	8.1	118.67	0.9	43.99
1.11	14.45	51.96	0.57	8.11	120.89	0.88	44.02
1.126	14.44	51.96	0.5	8.13	115.25	0.93	44.03
1.139	14.44	51.95	0.53	8.15	113.87	0.79	44.02
1.154	14.44	51.95	0.61	8.16	118.56	0.85	44.02
1.167	14.44	51.94	0.5	8.17	115.25	0.92	44.01
1.176	14.44	51.94	0.46	8.19	113.34	0.84	44.01
1.182	14.44	51.94	0.5	8.2	110.54	0.82	44.01
1.186	14.44	51.94	0.46	8.22	113.76	0.82	44.02
1.198	14.44	51.95	0.53	8.23	124.96	0.89	44.03
1.217	14.44	51.95	0.34	8.24	114.5	0.91	44.03
1.228	14.44	51.94	0.72	8.27	109.67	0.85	44.01
1.232	14.44	51.94	0.61	8.28	113.08	0.79	44.02

1.246	14.44	51.95	0.61	8.3	117.52	0.85	44.03
1.263	14.44	51.95	0.53	8.31	113.82	0.88	44.03
1.276	14.44	51.95	0.46	8.32	99.85	0.85	44.03
1.289	14.44	51.94	0.65	8.33	96.12	0.85	44.02
1.297	14.44	51.94	0.42	8.34	113.53	0.9	44.01
1.303	14.44	51.94	0.46	8.36	117.46	0.91	44.01
1.311	14.44	51.94	0.65	8.37	106.81	0.96	44.02
1.319	14.44	51.94	0.61	8.38	107.86	0.9	44.02
1.329	14.43	51.94	0.57	8.4	107.63	0.81	44.02
1.343	14.43	51.94	0.53	8.41	105.51	0.92	44.02
1.36	14.43	51.94	0.53	8.42	112.87	0.92	44.02
1.376	14.43	51.93	0.53	8.44	104.0	0.95	44.02
1.378	14.43	51.94	0.57	8.47	108.26	1.01	44.03
1.391	14.43	51.95	0.57	8.49	101.97	0.94	44.04
1.418	14.43	51.96	0.69	8.5	101.2	0.93	44.05
1.442	14.44	51.95	0.5	8.51	107.58	0.95	44.03
1.443	14.45	51.93	0.5	8.55	102.14	0.89	43.99
1.45	14.44	51.94	0.57	8.56	101.93	0.88	44.01
1.464	14.44	51.95	0.53	8.57	107.19	0.85	44.02
1.475	14.44	51.94	0.5	8.59	109.32	0.85	44.01
1.483	14.44	51.93	0.57	8.6	110.98	0.86	44.01
1.496	14.44	51.93	0.57	8.61	106.12	0.92	44.01
1.503	14.42	51.94	0.65	8.68	110.95	0.95	44.03
1.504	14.42	52.07	0.53	8.71	96.75	0.87	44.16
1.511	14.46	52.15	0.38	8.73	101.67	0.86	44.2
1.542	14.51	52.15	0.42	8.74	105.73	0.88	44.13
1.583	14.54	52.13	0.53	8.69	107.86	0.86	44.08
1.603	14.56	52.12	0.53	8.14	91.94	0.9	44.05
1.637	14.56	52.13	0.53	7.92	99.04	0.89	44.06
1.687	14.54	52.11	0.61	7.2	92.9	0.95	44.06
1.721	14.55	52.12	0.65	7.12	97.38	0.94	44.06
1.74	14.54	52.11	0.5	6.81	92.52	0.94	44.06
1.776	14.55	52.11	0.46	6.79	91.9	0.89	44.05
1.799	14.54	52.1	0.46	6.7	87.63	0.96	44.05
1.813	14.54	52.1	0.5	6.69	89.04	0.95	44.06
1.829	14.53	52.09	0.53	6.65	89.11	0.93	44.05
1.832	14.53	52.08	0.53	6.64	90.98	0.92	44.04
1.837	14.54	52.08	0.65	6.62	90.61	1.0	44.03
1.846	14.54	52.08	0.42	6.59	89.52	0.88	44.03
1.849	14.54	52.08	0.5	6.55	86.04	0.95	44.03
1.857	14.54	52.08	0.72	6.49	87.65	0.94	44.03
1.869	14.55	52.09	0.57	6.42	91.64	0.99	44.03
1.882	14.55	52.08	0.5	6.34	90.9	0.92	44.02
1.893	14.56	52.08	0.69	6.25	85.88	0.93	44.01
1.902	14.56	52.08	0.57	6.17	82.45	0.91	44.01
1.908	14.56	52.08	0.57	6.09	85.68	0.94	44.01
1.922	14.56	52.09	0.57	6.02	88.57	0.93	44.02
1.949	14.56	52.1	0.65	5.95	91.09	0.91	44.03
1.953	14.56	52.09	0.5	5.8	84.87	0.9	44.01
1.958	14.56	52.11	0.5	5.77	87.35	0.89	44.04
1.983	14.56	52.11	0.5	5.76	92.73	0.95	44.04
1.998	14.55	52.1	0.46	5.79	95.15	0.96	44.04
2.0	14.55	52.09	0.5	5.83	99.04	0.92	44.03
2.003	14.55	52.09	0.42	5.86	101.43	0.99	44.03
2.007	14.55	52.09	0.46	5.88	102.19	0.93	44.03
2.01	14.55	52.09	0.61	5.88	102.16	1.12	44.03



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.91	52.99	0.65	5.53	42.38	1.08	44.3
PROF (metros)	0.716	0.775	1.809	0.937	6.604	0.971	1.195
MÁXIMO	15.22	15.22	2.06	7.48	99.09	2.01	44.64
PROF (metros)	4.989	6.033	0.716	6.604	0.716	5.1	6.033

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	14.97	53.04	1.19	6.06	92.52	1.2	44.46
1 - 2m	15.1	53.18	0.94	6.09	87.89	1.24	44.45
2 - 3m	15.15	53.3	1.32	6.36	77.38	1.33	44.5
3 - 4m	15.17	53.36	1.0	6.19	70.05	1.44	44.54
4 - 5m	15.2	53.45	0.96	6.16	61.99	1.49	44.58
5 - 6m	15.22	53.53	0.89	7.09	53.12	1.58	44.63
6 - 7m	15.22	53.54	0.89	7.39	44.49	1.47	44.64

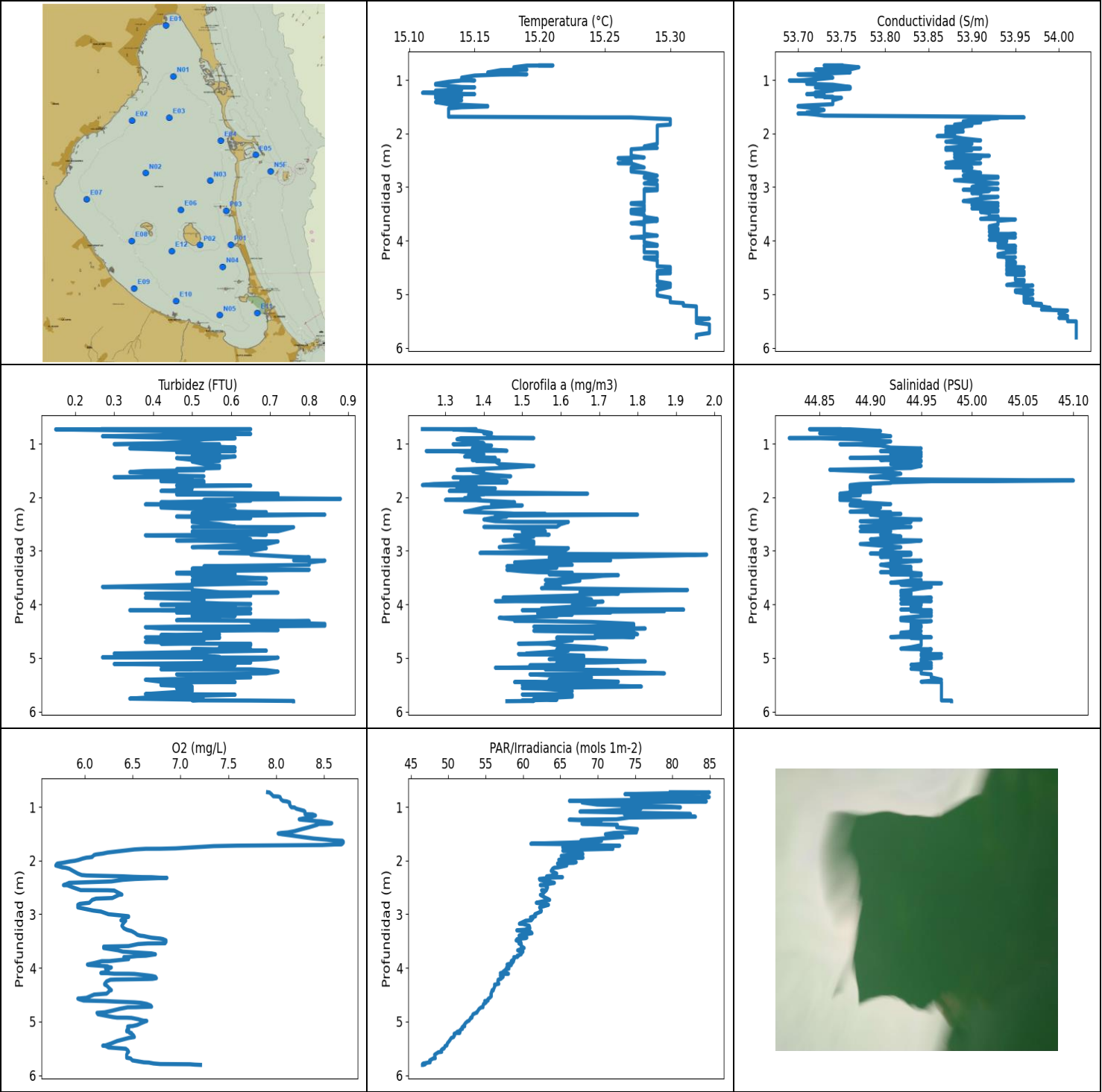
OBSERVACIONES GENERALES

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	14.91	53.07	2.06	6.65	99.09	1.16	44.55
0.742	14.95	53.02	1.11	6.6	92.62	1.24	44.47
0.775	14.97	52.99	0.72	6.57	93.44	1.33	44.41
0.791	14.94	53.0	1.45	6.47	98.88	1.21	44.46
0.811	14.94	53.04	1.03	6.43	96.06	1.21	44.5
0.839	14.94	53.0	0.8	6.39	92.47	1.24	44.46
0.846	14.94	53.0	1.45	6.15	95.79	1.18	44.46
0.85	14.94	53.04	0.92	6.09	95.59	1.23	44.49
0.876	14.95	53.05	1.22	6.04	86.02	1.24	44.5
0.881	14.97	53.07	1.07	5.8	90.29	1.17	44.48
0.906	14.99	53.04	1.53	5.76	90.84	1.16	44.44
0.932	15.01	53.1	1.07	5.54	86.66	1.17	44.47
0.937	15.01	53.09	1.64	5.53	93.72	1.21	44.46
0.951	15.02	53.08	0.95	5.62	90.17	1.17	44.44
0.971	15.03	53.07	0.95	5.65	89.75	1.08	44.42
0.997	15.03	53.02	1.11	5.68	88.88	1.18	44.37
1.01	15.03	53.05	0.84	5.68	92.8	1.17	44.4
1.011	15.04	53.05	0.99	5.66	98.47	1.17	44.38
1.022	15.05	53.09	1.53	5.64	92.97	1.18	44.41
1.042	15.06	53.06	1.07	5.61	86.92	1.21	44.37
1.048	15.08	53.12	1.45	5.54	98.08	1.21	44.4
1.054	15.09	53.13	1.14	5.54	90.31	1.25	44.41
1.086	15.09	53.11	1.03	5.55	86.02	1.21	44.39
1.13	15.09	53.06	1.07	5.6	90.04	1.24	44.33
1.165	15.1	53.12	0.92	5.65	96.08	1.6	44.38
1.191	15.11	53.17	0.95	5.72	92.77	1.4	44.42
1.195	15.12	53.06	0.88	5.78	88.2	1.17	44.3
1.203	15.12	53.2	0.88	5.84	89.44	1.24	44.43
1.23	15.11	53.22	0.99	5.9	92.47	1.21	44.47
1.268	15.12	53.13	0.95	5.96	86.6	1.27	44.37
1.3	15.12	53.26	0.88	6.09	84.28	1.17	44.5
1.319	15.13	53.17	0.88	6.11	87.49	1.25	44.41
1.36	15.14	53.14	0.92	6.12	93.83	1.22	44.36
1.365	15.09	53.28	0.8	6.09	87.65	1.33	44.54
1.404	15.11	53.19	0.84	6.07	91.03	1.3	44.44

1.42	15.07	53.25	0.95	6.03	87.17	1.17	44.54
1.438	15.07	53.25	0.76	6.04	91.09	1.18	44.54
1.481	15.1	53.15	0.92	6.06	88.49	1.27	44.42
1.547	15.11	53.22	0.88	6.11	81.97	1.27	44.47
1.578	15.08	53.23	0.95	6.39	84.95	1.18	44.51
1.584	15.08	53.2	1.03	6.47	83.45	1.28	44.47
1.637	15.1	53.27	0.95	6.53	83.22	1.22	44.53
1.717	15.11	53.2	0.88	6.57	84.27	1.18	44.44
1.767	15.13	53.18	0.84	6.58	86.96	1.14	44.41
1.785	15.1	53.26	0.88	6.58	86.6	1.18	44.52
1.809	15.08	53.32	0.65	6.56	81.31	1.18	44.6
1.84	15.1	53.22	0.76	6.54	76.73	1.24	44.47
1.873	15.12	53.24	0.88	6.51	81.59	1.26	44.48
1.904	15.11	53.28	0.84	6.49	85.94	1.28	44.52
1.931	15.11	53.23	0.88	6.48	87.1	1.31	44.47
1.952	15.11	53.24	0.92	6.51	85.03	1.37	44.48
1.978	15.11	53.29	1.03	6.55	82.53	1.22	44.54
2.006	15.11	53.23	0.84	6.6	81.27	1.24	44.48
2.03	15.11	53.24	0.76	6.64	81.52	1.21	44.48
2.059	15.11	53.31	0.92	6.67	84.03	1.19	44.54
2.088	15.12	53.26	0.8	6.7	85.37	1.24	44.5
2.105	15.13	53.24	0.95	6.72	82.87	1.2	44.47
2.119	15.14	53.29	1.11	6.74	78.48	1.32	44.5
2.146	15.14	53.3	1.41	6.73	77.75	1.34	44.51
2.175	15.14	53.25	1.37	6.71	81.05	1.34	44.46
2.198	15.14	53.25	1.11	6.68	81.75	1.3	44.46
2.222	15.14	53.32	1.83	6.62	79.96	1.36	44.53
2.274	15.14	53.24	1.98	6.47	75.8	1.34	44.44
2.397	15.14	53.27	1.87	6.25	76.96	1.19	44.47
2.401	15.13	53.32	0.99	6.25	75.67	1.25	44.54
2.409	15.12	53.33	0.8	6.28	76.29	1.28	44.56
2.439	15.13	53.27	0.95	6.31	77.22	1.3	44.5
2.484	15.14	53.29	1.45	6.35	77.52	1.27	44.5
2.526	15.15	53.3	1.18	6.38	76.96	1.25	44.5
2.552	15.15	53.28	1.22	6.41	76.22	1.21	44.48
2.571	15.15	53.32	1.37	6.43	76.47	1.26	44.52
2.592	15.15	53.32	1.14	6.44	76.91	1.37	44.51
2.621	15.16	53.31	1.6	6.44	77.07	1.36	44.5
2.659	15.16	53.33	1.41	6.43	76.11	1.37	44.51
2.689	15.17	53.28	1.41	6.41	75.62	1.4	44.46
2.711	15.17	53.33	1.34	6.38	75.6	1.34	44.5
2.733	15.17	53.35	1.41	6.35	75.76	1.38	44.52
2.762	15.17	53.32	1.83	6.29	74.89	1.34	44.49
2.847	15.18	53.37	1.72	6.01	75.04	1.41	44.53
2.87	15.19	53.37	1.95	5.95	74.99	1.5	44.52
2.899	15.19	53.28	1.45	5.89	74.11	1.38	44.43
2.922	15.19	53.32	2.06	5.84	72.92	1.51	44.47
2.923	15.15	53.36	0.92	5.82	73.65	1.4	44.55
2.939	15.16	53.36	0.99	5.84	73.91	1.46	44.54
2.972	15.16	53.31	1.34	5.88	73.67	1.46	44.49
3.007	15.17	53.33	1.03	5.94	73.17	1.33	44.51
3.038	15.17	53.37	1.56	5.99	72.48	1.69	44.54
3.063	15.17	53.34	1.34	6.04	71.98	1.56	44.52
3.083	15.17	53.33	1.03	6.07	72.03	1.33	44.5
3.121	15.17	53.38	1.3	6.1	72.33	1.43	44.55
3.178	15.18	53.36	1.3	6.11	72.72	1.44	44.52
3.239	15.18	53.33	1.03	6.11	71.68	1.38	44.49
3.293	15.18	53.36	1.11	6.1	70.41	1.34	44.52

3.316	15.17	53.33	0.95	6.1	70.87	1.25	44.49
3.329	15.17	53.39	0.99	6.09	71.28	1.53	44.56
3.365	15.17	53.4	1.18	6.08	71.28	1.45	44.56
3.41	15.18	53.32	1.18	6.07	70.97	1.53	44.48
3.436	15.17	53.34	0.92	6.07	70.74	1.5	44.51
3.438	15.16	53.38	0.88	6.07	70.36	1.33	44.56
3.445	15.15	53.39	0.88	6.09	69.84	1.3	44.58
3.477	15.16	53.34	0.95	6.13	69.94	1.5	44.53
3.513	15.16	53.33	0.8	6.19	70.22	1.46	44.51
3.532	15.16	53.37	0.76	6.27	70.33	1.46	44.55
3.538	15.15	53.38	0.92	6.33	70.64	1.48	44.57
3.568	15.15	53.4	1.03	6.38	70.02	1.43	44.59
3.631	15.16	53.35	0.95	6.42	69.37	1.53	44.54
3.688	15.16	53.33	1.11	6.43	68.67	1.43	44.51
3.723	15.16	53.38	0.88	6.43	68.53	1.3	44.56
3.745	15.15	53.4	0.76	6.4	68.48	1.39	44.59
3.776	15.15	53.36	0.92	6.36	68.27	1.46	44.55
3.82	15.16	53.35	0.92	6.33	68.23	1.42	44.53
3.864	15.17	53.35	0.95	6.31	67.93	1.32	44.52
3.893	15.17	53.36	0.88	6.29	67.47	1.35	44.53
3.914	15.17	53.38	0.8	6.27	67.24	1.5	44.55
3.932	15.17	53.37	0.88	6.25	67.07	1.67	44.54
3.962	15.18	53.39	0.92	6.23	66.88	1.56	44.55
4.016	15.18	53.4	1.22	6.21	66.32	1.63	44.55
4.064	15.18	53.35	0.84	6.18	66.22	1.37	44.5
4.096	15.18	53.38	0.95	6.15	65.71	1.32	44.53
4.122	15.18	53.42	1.3	6.12	65.35	1.28	44.58
4.144	15.17	53.38	0.92	6.08	64.97	1.46	44.54
4.176	15.18	53.41	1.03	6.06	64.92	1.52	44.56
4.225	15.18	53.42	1.03	6.04	64.74	1.63	44.57
4.277	15.19	53.39	1.03	6.03	64.1	1.89	44.54
4.326	15.19	53.42	1.03	6.02	63.36	1.56	44.57
4.382	15.19	53.45	1.03	6.02	62.84	1.4	44.58
4.437	15.2	53.41	0.92	6.02	62.36	1.37	44.55
4.48	15.2	53.43	0.92	6.04	62.24	1.5	44.57
4.516	15.2	53.48	1.03	6.05	61.93	1.52	44.6
4.555	15.21	53.48	0.8	6.07	61.63	1.39	44.6
4.59	15.21	53.47	0.84	6.09	61.4	1.5	44.59
4.612	15.21	53.48	1.07	6.11	61.0	1.46	44.6
4.633	15.21	53.5	0.92	6.14	60.69	1.53	44.61
4.663	15.21	53.49	0.88	6.17	60.38	1.6	44.61
4.703	15.21	53.5	0.92	6.2	59.91	1.56	44.62
4.764	15.21	53.51	0.99	6.25	59.24	1.56	44.62
4.83	15.21	53.5	0.88	6.3	58.63	1.46	44.62
4.882	15.21	53.5	0.69	6.36	58.44	1.36	44.61
4.915	15.21	53.51	0.88	6.41	58.2	1.46	44.62
4.947	15.21	53.51	0.88	6.45	57.78	1.47	44.62
4.989	15.22	53.52	0.92	6.5	57.27	1.49	44.62
5.025	15.22	53.52	0.8	6.54	57.0	1.4	44.62
5.058	15.22	53.52	0.92	6.58	56.7	1.46	44.63
5.083	15.22	53.52	0.84	6.62	56.36	1.53	44.62
5.1	15.22	53.52	0.88	6.66	56.31	2.01	44.63
5.11	15.22	53.52	1.07	6.7	56.44	1.6	44.63
5.12	15.22	53.52	0.88	6.76	56.33	1.44	44.63
5.158	15.22	53.53	0.95	6.84	55.57	1.57	44.63
5.229	15.22	53.52	0.84	6.92	54.68	1.51	44.63
5.3	15.22	53.52	0.84	7.0	54.48	1.56	44.63
5.344	15.22	53.53	0.92	7.08	54.22	1.46	44.63

5.369	15.22	53.53	0.88	7.17	53.92	1.56	44.63
5.395	15.22	53.53	0.84	7.24	53.49	1.57	44.63
5.429	15.22	53.53	0.76	7.3	53.3	1.56	44.63
5.474	15.22	53.53	0.95	7.33	52.98	1.82	44.63
5.529	15.22	53.53	0.88	7.35	52.37	1.63	44.63
5.585	15.22	53.53	0.92	7.35	51.72	1.57	44.63
5.635	15.22	53.53	0.95	7.36	51.32	1.78	44.63
5.688	15.22	53.53	0.99	7.36	50.89	1.79	44.63
5.736	15.22	53.53	0.8	7.35	50.72	1.59	44.63
5.769	15.22	53.53	0.92	7.34	50.35	1.43	44.63
5.809	15.22	53.53	0.84	7.33	49.72	1.43	44.63
5.867	15.22	53.53	0.95	7.32	48.93	1.48	44.63
5.925	15.22	53.53	0.92	7.32	48.72	1.59	44.63
5.976	15.22	53.53	0.92	7.32	48.3	1.55	44.63
6.033	15.22	53.54	0.84	7.31	47.58	1.61	44.64
6.102	15.22	53.54	0.84	7.32	47.02	1.45	44.64
6.157	15.22	53.54	0.95	7.34	46.76	1.51	44.64
6.193	15.22	53.54	0.99	7.36	46.42	1.43	44.64
6.229	15.22	53.54	0.72	7.36	45.98	1.59	44.64
6.288	15.22	53.54	0.84	7.36	45.29	1.51	44.64
6.36	15.22	53.54	0.84	7.35	44.65	1.54	44.64
6.413	15.22	53.54	0.84	7.36	44.52	1.5	44.64
6.444	15.22	53.54	0.95	7.37	44.42	1.46	44.64
6.469	15.22	53.54	0.99	7.39	43.88	1.51	44.64
6.51	15.22	53.54	0.92	7.42	43.38	1.47	44.64
6.563	15.22	53.54	0.92	7.46	42.81	1.54	44.64
6.604	15.22	53.54	0.95	7.48	42.38	1.46	44.64
6.617	15.22	53.54	0.72	7.48	42.54	1.43	44.64
6.62	15.22	53.54	0.84	7.46	42.57	1.4	44.64
6.622	15.22	53.54	0.92	7.45	43.02	1.3	44.64
6.624	15.22	53.54	1.03	7.43	43.1	1.35	44.64



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	15.11	53.69	0.15	5.7	46.56	1.24	44.82
PROF (metros)	1.24	1.009	0.732	2.093	5.792	0.727	0.895
MÁXIMO	15.33	15.33	0.88	8.7	84.95	1.98	45.1
PROF (metros)	5.45	5.507	2.03	1.646	0.729	3.071	1.687

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	15.18	53.74	0.47	8.04	78.24	1.38	44.88
1 - 2m	15.19	53.79	0.5	7.73	70.53	1.39	44.91
2 - 3m	15.28	53.89	0.59	6.1	63.77	1.47	44.91
3 - 4m	15.28	53.92	0.58	6.47	59.77	1.62	44.94
4 - 5m	15.29	53.95	0.54	6.34	55.68	1.64	44.95
5 - 6m	15.32	54.0	0.53	6.52	49.78	1.6	44.96

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.727	15.2	53.75	0.27	7.91	79.72	1.24	44.87
0.729	15.21	53.73	0.65	7.92	84.95	1.38	44.84
0.732	15.19	53.75	0.15	7.93	84.44	1.32	44.88
0.763	15.18	53.77	0.42	7.95	73.65	1.39	44.91
0.802	15.18	53.76	0.53	7.97	81.48	1.42	44.9
0.807	15.19	53.72	0.57	8.02	74.51	1.4	44.85
0.817	15.17	53.75	0.65	8.04	84.93	1.41	44.9
0.86	15.16	53.76	0.27	8.05	80.54	1.41	44.92
0.888	15.18	53.72	0.42	8.07	66.22	1.43	44.87
0.895	15.19	53.7	0.61	8.1	83.68	1.53	44.82
0.898	15.17	53.7	0.61	8.11	84.54	1.34	44.85
0.918	15.15	53.72	0.53	8.14	67.91	1.33	44.89
0.957	15.14	53.74	0.5	8.14	69.92	1.37	44.92
0.991	15.14	53.72	0.42	8.15	78.92	1.4	44.91
1.008	15.15	53.7	0.3	8.16	81.07	1.35	44.88
1.009	15.15	53.69	0.53	8.18	73.28	1.32	44.87
1.01	15.14	53.7	0.57	8.19	73.46	1.36	44.88
1.034	15.13	53.72	0.5	8.21	75.78	1.42	44.91
1.073	15.12	53.71	0.61	8.29	70.94	1.4	44.92
1.088	15.12	53.74	0.34	8.3	67.63	1.37	44.95
1.132	15.14	53.76	0.53	8.3	82.41	1.46	44.94
1.137	15.15	53.73	0.61	8.32	73.58	1.25	44.91
1.14	15.14	53.72	0.46	8.38	78.9	1.33	44.91
1.16	15.13	53.76	0.46	8.41	78.5	1.36	44.95
1.184	15.14	53.74	0.57	8.37	83.08	1.37	44.92
1.199	15.12	53.74	0.53	8.33	74.18	1.4	44.95
1.231	15.12	53.72	0.5	8.24	72.5	1.39	44.92
1.24	15.11	53.73	0.61	8.27	66.19	1.35	44.95
1.265	15.15	53.71	0.57	8.42	70.44	1.43	44.88
1.269	15.12	53.73	0.46	8.47	70.07	1.4	44.93
1.303	15.14	53.72	0.5	8.58	70.18	1.37	44.91
1.314	15.12	53.74	0.5	8.56	67.9	1.44	44.95
1.32	15.14	53.73	0.57	8.42	68.62	1.38	44.92
1.333	15.12	53.75	0.5	8.43	72.63	1.43	44.95
1.381	15.14	53.74	0.53	8.34	72.55	1.44	44.92
1.413	15.12	53.74	0.57	8.27	75.32	1.53	44.95

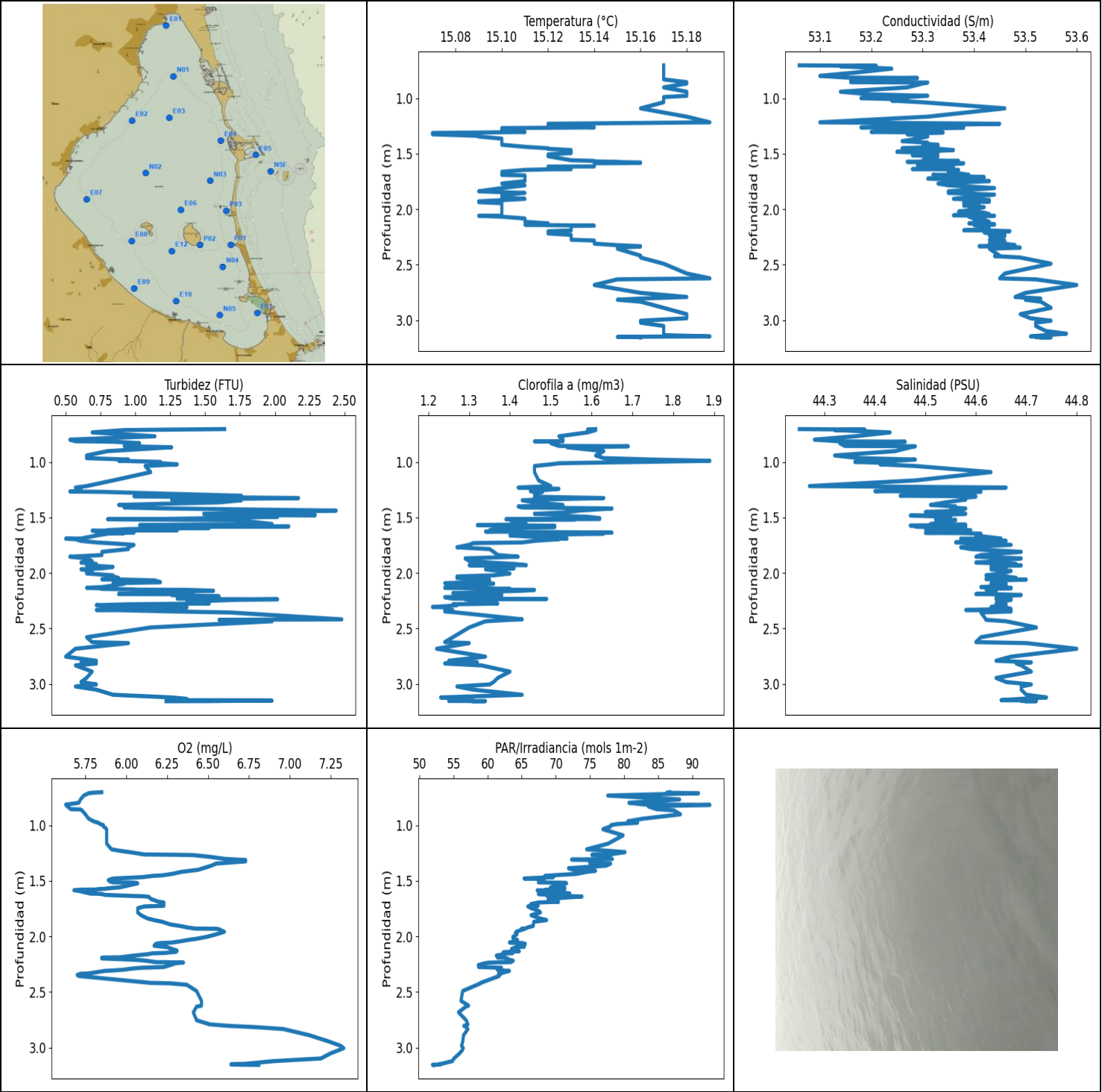
1.453	15.13	53.74	0.57	8.19	75.2	1.45	44.94
1.476	15.15	53.71	0.46	8.12	75.18	1.37	44.89
1.486	15.16	53.7	0.53	8.05	72.14	1.33	44.86
1.496	15.16	53.7	0.53	8.02	71.65	1.4	44.87
1.51	15.14	53.71	0.38	8.06	71.03	1.37	44.89
1.531	15.13	53.72	0.34	8.15	72.0	1.38	44.92
1.561	15.13	53.73	0.46	8.27	73.36	1.4	44.93
1.589	15.13	53.72	0.42	8.39	70.62	1.43	44.92
1.608	15.13	53.71	0.53	8.51	69.15	1.47	44.91
1.623	15.13	53.71	0.3	8.59	67.77	1.4	44.9
1.628	15.13	53.7	0.5	8.66	68.67	1.34	44.9
1.631	15.13	53.71	0.46	8.69	70.52	1.32	44.91
1.646	15.13	53.72	0.46	8.7	69.94	1.38	44.92
1.666	15.13	53.73	0.42	8.7	66.22	1.41	44.93
1.687	15.13	53.92	0.42	8.69	61.06	1.44	45.1
1.699	15.24	53.96	0.53	8.68	69.21	1.34	45.02
1.7	15.27	53.93	0.42	8.61	69.89	1.46	44.96
1.711	15.28	53.93	0.5	8.48	66.54	1.37	44.94
1.722	15.29	53.92	0.53	7.59	72.94	1.46	44.92
1.731	15.3	53.92	0.5	7.35	69.21	1.37	44.92
1.753	15.3	53.9	0.53	7.14	65.32	1.27	44.89
1.773	15.3	53.89	0.53	6.95	66.86	1.24	44.88
1.78	15.3	53.89	0.46	6.79	71.91	1.3	44.88
1.781	15.3	53.91	0.65	6.64	72.04	1.35	44.9
1.793	15.3	53.91	0.5	6.52	68.37	1.38	44.9
1.816	15.3	53.89	0.5	6.41	65.33	1.33	44.88
1.834	15.3	53.88	0.5	6.32	66.99	1.43	44.88
1.851	15.29	53.9	0.46	6.24	66.9	1.41	44.9
1.87	15.29	53.89	0.46	6.19	68.0	1.33	44.89
1.882	15.29	53.87	0.42	6.14	68.02	1.31	44.88
1.887	15.29	53.88	0.46	6.12	67.41	1.41	44.89
1.897	15.29	53.89	0.5	6.1	66.16	1.36	44.9
1.913	15.29	53.88	0.46	6.09	65.12	1.47	44.88
1.933	15.29	53.87	0.72	6.08	65.96	1.67	44.87
1.941	15.29	53.87	0.65	6.05	67.52	1.4	44.87
1.946	15.29	53.88	0.46	6.02	68.04	1.4	44.89
1.963	15.29	53.89	0.72	5.98	65.67	1.36	44.89
1.987	15.29	53.87	0.61	5.94	64.79	1.37	44.87
2.004	15.29	53.87	0.65	5.9	65.33	1.37	44.87
2.016	15.29	53.88	0.69	5.85	66.32	1.35	44.88
2.03	15.29	53.88	0.88	5.81	67.13	1.39	44.88
2.043	15.29	53.87	0.61	5.77	66.79	1.32	44.87
2.05	15.29	53.86	0.53	5.74	65.14	1.3	44.87
2.055	15.29	53.88	0.57	5.72	64.62	1.38	44.88
2.064	15.29	53.88	0.65	5.71	65.42	1.4	44.89
2.093	15.29	53.89	0.42	5.7	65.86	1.48	44.89
2.128	15.29	53.91	0.57	5.77	64.7	1.43	44.92
2.133	15.29	53.88	0.38	5.8	64.19	1.42	44.88
2.152	15.29	53.87	0.61	5.84	63.97	1.5	44.88
2.193	15.29	53.9	0.42	5.88	63.78	1.4	44.91
2.242	15.28	53.89	0.61	5.93	64.52	1.37	44.9
2.27	15.29	53.87	0.61	5.97	63.98	1.35	44.88
2.278	15.28	53.91	0.69	6.02	64.16	1.37	44.92
2.294	15.27	53.88	0.5	6.41	63.17	1.44	44.91
2.303	15.27	53.87	0.53	6.51	64.24	1.47	44.9
2.308	15.27	53.89	0.61	6.6	64.43	1.48	44.91
2.31	15.27	53.9	0.5	6.7	65.29	1.56	44.93
2.319	15.27	53.89	0.61	6.78	63.72	1.44	44.92

2.323	15.27	53.88	0.65	6.86	63.69	1.5	44.91
2.324	15.27	53.88	0.84	6.82	63.5	1.8	44.9
2.343	15.27	53.88	0.65	6.53	62.2	1.43	44.91
2.359	15.27	53.89	0.46	6.4	62.26	1.46	44.92
2.389	15.27	53.88	0.65	6.28	63.3	1.42	44.91
2.415	15.27	53.92	0.5	5.84	64.21	1.4	44.95
2.447	15.28	53.88	0.5	5.8	63.04	1.43	44.89
2.458	15.26	53.89	0.5	5.78	62.32	1.48	44.93
2.46	15.26	53.91	0.5	5.82	62.92	1.62	44.94
2.501	15.27	53.89	0.57	5.88	63.29	1.6	44.92
2.551	15.27	53.87	0.61	5.96	63.14	1.59	44.89
2.554	15.26	53.91	0.5	6.24	62.49	1.4	44.94
2.559	15.27	53.9	0.76	6.31	63.07	1.46	44.93
2.634	15.28	53.87	0.72	6.39	62.53	1.56	44.89
2.639	15.27	53.9	0.5	6.36	62.33	1.5	44.92
2.698	15.27	53.89	0.69	6.29	63.07	1.57	44.91
2.71	15.27	53.9	0.38	6.12	63.28	1.48	44.92
2.733	15.28	53.91	0.61	6.08	63.57	1.53	44.93
2.787	15.29	53.89	0.65	6.05	61.78	1.5	44.9
2.807	15.28	53.93	0.46	5.95	62.76	1.45	44.95
2.825	15.28	53.93	0.72	5.93	63.42	1.53	44.94
2.873	15.29	53.88	0.69	5.93	62.23	1.53	44.89
2.932	15.28	53.93	0.5	6.09	62.46	1.44	44.93
2.95	15.29	53.91	0.69	6.17	62.43	1.62	44.92
3.0	15.29	53.9	0.65	6.25	61.6	1.61	44.91
3.036	15.29	53.93	0.61	6.45	61.47	1.42	44.93
3.04	15.28	53.93	0.57	6.46	61.68	1.39	44.94
3.05	15.29	53.89	0.65	6.46	61.2	1.56	44.9
3.059	15.29	53.9	0.65	6.44	61.0	1.62	44.91
3.071	15.28	53.92	0.65	6.41	61.36	1.98	44.94
3.114	15.28	53.9	0.76	6.38	61.11	1.75	44.91
3.121	15.28	53.91	0.8	6.43	60.37	1.57	44.93
3.178	15.28	53.91	0.76	6.4	59.52	1.73	44.92
3.182	15.28	53.93	0.84	6.4	60.03	1.57	44.95
3.216	15.28	53.91	0.8	6.39	60.84	1.48	44.93
3.262	15.28	53.89	0.8	6.41	60.93	1.63	44.91
3.289	15.28	53.91	0.53	6.44	60.23	1.46	44.92
3.3	15.27	53.93	0.69	6.46	59.18	1.56	44.94
3.314	15.27	53.91	0.57	6.49	59.77	1.59	44.93
3.333	15.28	53.9	0.5	6.51	61.07	1.55	44.92
3.354	15.28	53.93	0.8	6.53	61.21	1.46	44.94
3.382	15.28	53.92	0.5	6.55	60.13	1.5	44.94
3.399	15.28	53.9	0.61	6.58	59.48	1.54	44.91
3.408	15.28	53.92	0.46	6.62	59.63	1.63	44.94
3.424	15.27	53.93	0.46	6.66	60.21	1.63	44.95
3.438	15.28	53.91	0.61	6.7	60.52	1.57	44.92
3.447	15.28	53.92	0.53	6.75	60.34	1.59	44.94
3.454	15.27	53.93	0.53	6.79	59.82	1.75	44.95
3.465	15.27	53.91	0.5	6.82	59.22	1.71	44.94
3.488	15.27	53.92	0.61	6.85	59.08	1.68	44.94
3.516	15.28	53.92	0.69	6.85	59.69	1.61	44.94
3.542	15.28	53.92	0.5	6.84	59.76	1.59	44.94
3.545	15.28	53.93	0.5	6.66	59.46	1.56	44.95
3.556	15.28	53.93	0.57	6.56	59.77	1.65	44.94
3.594	15.29	53.91	0.5	6.46	59.76	1.61	44.92
3.604	15.28	53.95	0.69	6.2	59.87	1.57	44.97
3.63	15.29	53.93	0.53	6.2	60.16	1.56	44.93
3.673	15.27	53.93	0.27	6.35	59.29	1.6	44.96

3.698	15.28	53.93	0.5	6.4	60.0	1.55	44.95
3.731	15.28	53.92	0.5	6.7	59.78	1.93	44.94
3.747	15.28	53.92	0.53	6.74	59.76	1.79	44.93
3.774	15.28	53.93	0.57	6.64	59.23	1.65	44.94
3.78	15.28	53.92	0.72	6.55	59.36	1.71	44.93
3.797	15.28	53.93	0.42	6.46	59.26	1.75	44.94
3.801	15.28	53.93	0.38	6.41	58.77	1.75	44.94
3.81	15.28	53.93	0.61	6.44	58.83	1.68	44.94
3.837	15.28	53.92	0.65	6.46	58.82	1.63	44.93
3.874	15.28	53.93	0.46	6.26	58.43	1.45	44.94
3.875	15.28	53.95	0.38	6.18	58.75	1.62	44.96
3.907	15.29	53.92	0.53	6.11	58.59	1.68	44.93
3.938	15.27	53.95	0.53	6.03	57.87	1.43	44.96
3.948	15.28	53.93	0.5	6.06	58.44	1.71	44.94
3.971	15.28	53.93	0.53	6.24	57.93	1.66	44.95
3.983	15.28	53.92	0.57	6.25	57.9	1.66	44.93
3.993	15.28	53.94	0.65	6.28	57.81	1.66	44.95
4.002	15.28	53.93	0.42	6.27	57.95	1.69	44.94
4.012	15.28	53.94	0.42	6.22	58.0	1.63	44.95
4.013	15.28	53.94	0.61	6.23	58.13	1.63	44.95
4.031	15.28	53.93	0.61	6.24	57.7	1.66	44.94
4.078	15.29	53.94	0.46	6.25	57.3	1.55	44.94
4.082	15.28	53.94	0.65	6.21	57.78	1.63	44.95
4.09	15.28	53.93	0.65	6.18	57.75	1.73	44.94
4.096	15.29	53.93	0.57	6.17	57.75	1.8	44.93
4.098	15.28	53.94	0.53	6.19	57.38	1.92	44.95
4.099	15.28	53.95	0.57	6.24	56.97	1.63	44.95
4.109	15.28	53.93	0.34	6.31	57.22	1.5	44.94
4.11	15.28	53.95	0.61	6.46	58.06	1.82	44.96
4.113	15.28	53.94	0.42	6.52	57.59	1.81	44.95
4.127	15.28	53.93	0.61	6.59	57.06	1.87	44.94
4.141	15.28	53.94	0.53	6.66	56.97	1.66	44.95
4.153	15.28	53.95	0.46	6.71	57.02	1.73	44.96
4.167	15.28	53.94	0.65	6.74	57.35	1.54	44.95
4.192	15.28	53.94	0.5	6.75	57.14	1.63	44.95
4.205	15.28	53.94	0.5	6.71	57.05	1.56	44.95
4.208	15.28	53.95	0.53	6.66	56.96	1.57	44.96
4.217	15.28	53.95	0.61	6.33	56.78	1.54	44.96
4.221	15.29	53.94	0.5	6.27	56.67	1.59	44.95
4.252	15.29	53.93	0.57	6.23	56.64	1.44	44.93
4.296	15.29	53.93	0.46	6.21	56.77	1.5	44.93
4.309	15.29	53.94	0.72	6.22	56.36	1.48	44.94
4.311	15.28	53.95	0.8	6.21	56.2	1.54	44.96
4.328	15.28	53.94	0.65	6.23	56.27	1.68	44.95
4.364	15.29	53.94	0.84	6.25	56.17	1.79	44.94
4.399	15.29	53.95	0.84	6.27	56.06	1.79	44.95
4.414	15.29	53.94	0.61	6.28	56.04	1.67	44.94
4.416	15.29	53.95	0.46	6.28	55.87	1.53	44.95
4.425	15.29	53.95	0.38	6.26	55.96	1.57	44.95
4.45	15.29	53.94	0.42	6.25	55.79	1.82	44.94
4.48	15.29	53.94	0.72	6.23	55.74	1.69	44.94
4.492	15.3	53.95	0.53	6.14	55.7	1.53	44.94
4.498	15.3	53.96	0.53	6.1	55.75	1.56	44.95
4.528	15.3	53.94	0.53	6.06	55.77	1.79	44.93
4.558	15.3	53.94	0.57	6.02	55.56	1.8	44.93
4.573	15.29	53.96	0.42	5.93	55.38	1.69	44.95
4.588	15.3	53.95	0.5	5.95	55.3	1.72	44.94
4.609	15.3	53.94	0.57	5.99	55.33	1.79	44.92

4.615	15.29	53.96	0.5	6.13	55.11	1.63	44.96
4.618	15.29	53.95	0.38	6.21	54.88	1.59	44.95
4.627	15.29	53.94	0.57	6.31	55.02	1.69	44.94
4.636	15.29	53.96	0.53	6.43	55.11	1.59	44.95
4.642	15.29	53.95	0.46	6.52	55.07	1.62	44.95
4.652	15.29	53.95	0.46	6.59	55.02	1.63	44.95
4.673	15.29	53.95	0.53	6.65	54.72	1.63	44.95
4.701	15.29	53.95	0.38	6.69	54.68	1.59	44.95
4.723	15.29	53.95	0.5	6.7	54.58	1.56	44.95
4.733	15.29	53.95	0.42	6.54	54.65	1.49	44.95
4.735	15.29	53.96	0.65	6.45	54.43	1.57	44.95
4.762	15.29	53.96	0.65	6.37	54.16	1.59	44.95
4.801	15.3	53.95	0.57	6.28	53.96	1.69	44.94
4.828	15.3	53.94	0.57	6.21	53.84	1.72	44.93
4.834	15.3	53.95	0.65	6.16	53.84	1.69	44.94
4.838	15.29	53.97	0.5	6.13	53.72	1.59	44.96
4.864	15.3	53.96	0.69	6.14	53.32	1.62	44.95
4.918	15.29	53.96	0.3	6.3	53.16	1.51	44.96
4.927	15.29	53.95	0.5	6.34	53.07	1.61	44.95
4.928	15.29	53.97	0.5	6.44	53.17	1.49	44.97
4.932	15.29	53.96	0.46	6.49	53.0	1.57	44.96
4.957	15.29	53.95	0.53	6.56	52.92	1.66	44.95
4.982	15.29	53.96	0.57	6.61	52.79	1.66	44.96
4.989	15.29	53.96	0.27	6.65	52.71	1.59	44.96
4.994	15.29	53.97	0.72	6.64	52.6	1.62	44.97
5.023	15.29	53.96	0.69	6.6	52.35	1.57	44.95
5.064	15.3	53.96	0.53	6.55	52.13	1.82	44.95
5.085	15.3	53.96	0.65	6.5	52.18	1.69	44.95
5.087	15.3	53.97	0.53	6.47	52.21	1.65	44.95
5.093	15.3	53.97	0.57	6.45	51.96	1.59	44.96
5.113	15.3	53.96	0.3	6.45	51.83	1.63	44.95
5.129	15.3	53.96	0.53	6.45	51.92	1.59	44.94
5.136	15.3	53.97	0.61	6.46	51.91	1.52	44.96
5.144	15.3	53.97	0.42	6.46	51.74	1.66	44.96
5.15	15.3	53.96	0.53	6.46	51.66	1.66	44.95
5.167	15.31	53.97	0.53	6.44	51.55	1.61	44.95
5.183	15.31	53.98	0.5	6.44	51.6	1.43	44.96
5.188	15.31	53.98	0.46	6.46	51.21	1.59	44.96
5.202	15.31	53.97	0.5	6.47	51.28	1.65	44.94
5.212	15.31	53.98	0.42	6.47	51.55	1.57	44.95
5.213	15.31	53.98	0.65	6.49	51.04	1.56	44.95
5.228	15.32	53.98	0.69	6.49	50.79	1.75	44.95
5.255	15.32	53.99	0.72	6.51	50.86	1.73	44.95
5.288	15.32	53.98	0.69	6.52	50.72	1.87	44.95
5.306	15.32	54.01	0.46	6.46	50.41	1.52	44.96
5.363	15.32	54.0	0.65	6.34	50.14	1.68	44.96
5.407	15.32	54.01	0.38	6.28	49.88	1.57	44.97
5.444	15.32	54.0	0.42	6.22	49.83	1.75	44.95
5.45	15.32	54.01	0.61	6.19	49.74	1.48	44.97
5.455	15.33	54.01	0.46	6.22	49.58	1.53	44.97
5.483	15.32	54.01	0.42	6.25	49.52	1.69	44.97
5.505	15.32	54.01	0.46	6.41	49.41	1.5	44.97
5.507	15.32	54.02	0.42	6.43	49.26	1.66	44.97
5.534	15.32	54.02	0.5	6.45	49.06	1.81	44.97
5.564	15.33	54.02	0.46	6.46	49.13	1.5	44.97
5.572	15.33	54.02	0.5	6.45	48.68	1.55	44.97
5.618	15.33	54.02	0.5	6.44	48.18	1.63	44.97
5.675	15.33	54.02	0.38	6.44	48.25	1.6	44.97

5.683	15.33	54.02	0.57	6.47	48.27	1.5	44.97
5.687	15.33	54.02	0.61	6.48	48.0	1.63	44.97
5.724	15.33	54.02	0.42	6.5	47.52	1.63	44.97
5.76	15.32	54.02	0.34	6.62	47.58	1.53	44.97
5.764	15.32	54.02	0.38	6.67	47.33	1.54	44.97
5.781	15.32	54.02	0.53	6.72	46.7	1.59	44.97
5.792	15.32	54.02	0.5	6.79	46.56	1.5	44.97
5.794	15.32	54.02	0.61	7.04	46.94	1.52	44.97
5.796	15.32	54.02	0.65	7.1	46.64	1.5	44.98
5.803	15.32	54.02	0.76	7.15	46.56	1.53	44.98
5.808	15.32	54.02	0.76	7.21	46.56	1.46	44.98



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	15.07	53.06	0.5	5.63	51.91	1.21	44.25
PROF (metros)	1.312	0.702	1.69	0.813	3.155	2.306	0.702
MÁXIMO	15.19	15.19	2.48	7.33	92.6	1.89	44.8
PROF (metros)	1.216	2.683	2.418	3.005	0.816	0.988	2.683

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	15.17	53.2	0.92	5.74	84.28	1.6	44.38
1 - 2m	15.12	53.33	1.09	6.15	70.63	1.45	44.56
2 - 3m	15.14	53.45	1.07	6.25	61.17	1.32	44.65
3 - 4m	15.17	53.54	1.26	6.92	54.03	1.3	44.7

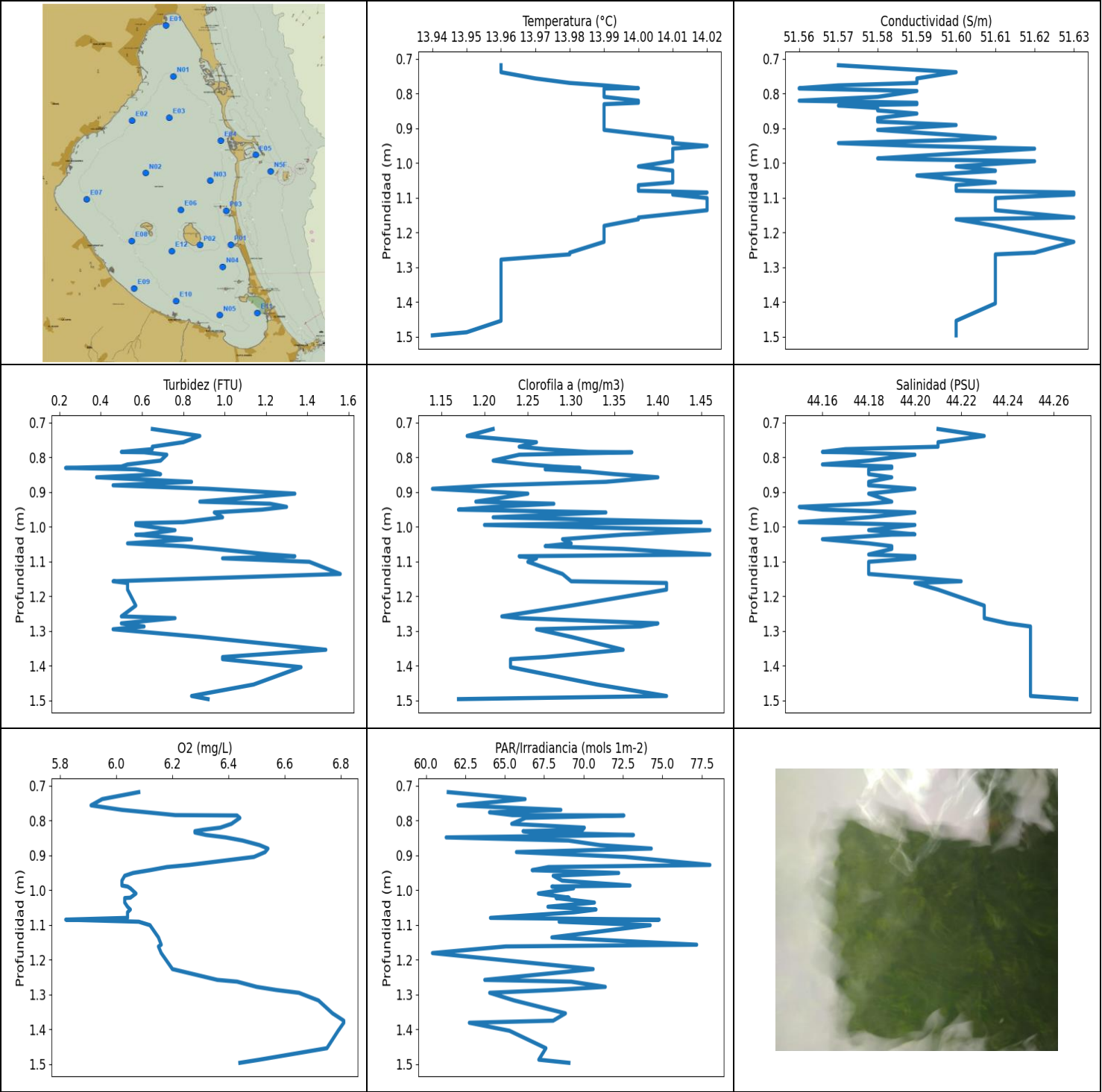
OBSERVACIONES GENERALES

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	15.17	53.06	1.64	5.85	86.72	1.61	44.25
0.707	15.17	53.21	1.22	5.79	86.28	1.59	44.38
0.711	15.17	53.14	0.92	5.77	90.94	1.61	44.32
0.732	15.17	53.24	0.69	5.74	77.61	1.59	44.43
0.767	15.17	53.17	1.14	5.72	88.16	1.52	44.36
0.797	15.17	53.1	0.53	5.71	80.73	1.53	44.28
0.812	15.17	53.15	0.57	5.64	82.87	1.53	44.33
0.813	15.17	53.16	0.69	5.63	83.53	1.46	44.34
0.816	15.17	53.29	0.84	5.63	92.6	1.52	44.46
0.829	15.17	53.16	1.03	5.64	83.56	1.5	44.33
0.854	15.18	53.16	0.92	5.66	84.72	1.52	44.34
0.857	15.18	53.31	0.95	5.72	85.43	1.69	44.48
0.866	15.18	53.3	1.26	5.73	87.33	1.54	44.47
0.901	15.17	53.27	0.8	5.75	88.28	1.63	44.44
0.94	15.18	53.14	0.65	5.77	82.81	1.61	44.32
0.964	15.18	53.2	0.65	5.8	80.56	1.63	44.37
0.977	15.18	53.31	0.95	5.83	81.99	1.75	44.48
0.988	15.17	53.27	0.88	5.84	79.04	1.89	44.44
0.998	15.17	53.18	1.18	5.86	78.08	1.72	44.36
1.01	15.17	53.27	1.18	5.86	78.04	1.52	44.44
1.02	15.17	53.24	1.3	5.87	77.57	1.5	44.41
1.035	15.17	53.3	1.07	5.88	76.91	1.46	44.48
1.09	15.16	53.46	1.11	5.88	79.87	1.46	44.63
1.165	15.18	53.31	0.84	5.88	77.65	1.47	44.48
1.216	15.19	53.1	0.65	5.91	74.52	1.5	44.27
1.229	15.12	53.45	0.57	5.96	77.65	1.42	44.66
1.241	15.12	53.32	0.61	6.02	80.15	1.52	44.55
1.262	15.14	53.18	0.57	6.11	77.9	1.45	44.4
1.265	15.12	53.38	0.53	6.31	75.29	1.47	44.61
1.268	15.1	53.35	0.76	6.41	76.2	1.48	44.61
1.285	15.1	53.24	1.22	6.52	77.48	1.46	44.49
1.303	15.11	53.2	1.76	6.61	78.3	1.47	44.45
1.308	15.09	53.34	0.99	6.68	72.31	1.46	44.6
1.312	15.07	53.31	1.26	6.73	74.89	1.46	44.6
1.324	15.07	53.27	2.17	6.73	75.6	1.63	44.57
1.338	15.09	53.31	1.26	6.6	74.98	1.47	44.58
1.344	15.09	53.31	1.76	6.55	78.04	1.43	44.57
1.363	15.1	53.29	1.6	6.52	77.39	1.46	44.54

1.386	15.1	53.26	0.88	6.47	71.86	1.53	44.51
1.4	15.1	53.31	0.99	6.44	72.53	1.42	44.56
1.409	15.1	53.3	0.92	6.39	75.83	1.43	44.55
1.418	15.1	53.33	1.22	6.34	74.61	1.65	44.58
1.437	15.11	53.33	2.44	6.28	73.0	1.57	44.57
1.45	15.12	53.26	1.91	6.22	69.5	1.54	44.5
1.455	15.12	53.33	1.98	6.16	68.4	1.53	44.56
1.466	15.13	53.36	1.49	6.1	69.65	1.46	44.58
1.478	15.13	53.31	2.29	5.93	65.35	1.53	44.53
1.482	15.13	53.25	1.56	5.91	67.39	1.51	44.47
1.493	15.13	53.33	2.02	5.89	68.26	1.59	44.55
1.505	15.12	53.3	1.56	5.9	67.71	1.62	44.53
1.513	15.12	53.28	1.18	5.92	67.44	1.62	44.52
1.515	15.12	53.29	0.8	6.03	69.33	1.39	44.52
1.517	15.12	53.3	0.92	6.06	71.45	1.56	44.53
1.522	15.12	53.33	1.72	6.07	71.58	1.4	44.56
1.558	15.13	53.3	1.98	5.96	69.21	1.44	44.51
1.564	15.14	53.37	1.34	5.91	71.35	1.4	44.58
1.569	15.14	53.33	1.03	5.88	70.54	1.32	44.53
1.572	15.15	53.27	1.6	5.86	69.44	1.46	44.47
1.574	15.15	53.36	1.64	5.83	69.47	1.51	44.55
1.578	15.16	53.35	1.41	5.81	70.38	1.4	44.54
1.579	15.16	53.32	2.1	5.72	68.48	1.46	44.51
1.582	15.16	53.29	1.45	5.7	68.64	1.48	44.48
1.584	15.15	53.29	1.07	5.68	71.25	1.45	44.49
1.585	15.14	53.38	1.14	5.69	67.27	1.51	44.58
1.593	15.14	53.36	1.53	5.72	68.34	1.39	44.57
1.604	15.14	53.29	0.95	5.75	71.05	1.36	44.5
1.614	15.14	53.36	0.8	5.78	72.06	1.35	44.57
1.615	15.12	53.36	1.3	5.82	69.94	1.4	44.59
1.618	15.12	53.35	0.69	5.85	67.44	1.43	44.58
1.626	15.12	53.31	0.84	5.87	69.02	1.34	44.55
1.636	15.12	53.33	0.99	6.05	68.72	1.65	44.55
1.638	15.13	53.28	0.72	6.1	72.4	1.52	44.5
1.64	15.12	53.35	0.92	6.12	73.84	1.52	44.57
1.645	15.11	53.37	0.8	6.14	72.53	1.63	44.61
1.662	15.1	53.35	0.72	6.15	68.89	1.4	44.6
1.689	15.1	53.39	0.61	6.2	70.4	1.54	44.65
1.69	15.1	53.32	0.5	6.21	69.13	1.49	44.57
1.695	15.11	53.33	0.57	6.23	67.39	1.52	44.57
1.71	15.11	53.42	0.61	6.23	66.32	1.46	44.66
1.724	15.11	53.31	0.72	6.23	67.41	1.43	44.56
1.73	15.11	53.35	0.8	6.11	65.9	1.31	44.59
1.746	15.11	53.43	0.99	6.07	66.43	1.3	44.67
1.768	15.1	53.33	0.95	6.07	67.44	1.27	44.57
1.784	15.11	53.35	0.95	6.07	67.75	1.35	44.59
1.809	15.1	53.44	0.76	6.09	66.38	1.36	44.69
1.838	15.09	53.35	0.76	6.13	67.68	1.37	44.61
1.853	15.11	53.35	0.53	6.17	68.65	1.42	44.6
1.868	15.1	53.44	0.65	6.22	66.77	1.29	44.69
1.892	15.1	53.39	0.69	6.27	66.72	1.3	44.64
1.906	15.11	53.36	0.61	6.33	66.68	1.35	44.6
1.918	15.1	53.43	0.72	6.37	65.9	1.41	44.68
1.929	15.09	53.39	0.72	6.42	65.54	1.44	44.65
1.93	15.1	53.4	0.65	6.51	64.98	1.3	44.65
1.931	15.09	53.43	0.69	6.55	65.36	1.39	44.69
1.936	15.09	53.38	0.72	6.57	65.24	1.35	44.64
1.945	15.1	53.38	0.84	6.58	64.77	1.37	44.63

1.958	15.1	53.41	0.76	6.6	64.19	1.41	44.66
1.967	15.1	53.38	0.61	6.58	64.07	1.34	44.63
1.981	15.1	53.42	0.69	6.55	64.31	1.37	44.67
2.004	15.1	53.4	0.65	6.49	63.7	1.4	44.65
2.021	15.1	53.37	0.84	6.43	63.75	1.36	44.62
2.031	15.1	53.42	0.84	6.38	64.38	1.27	44.66
2.044	15.1	53.43	0.88	6.33	64.3	1.27	44.68
2.055	15.1	53.36	0.76	6.28	63.2	1.32	44.62
2.058	15.1	53.41	0.76	6.24	63.73	1.31	44.65
2.059	15.09	53.44	0.92	6.21	64.98	1.35	44.7
2.067	15.1	53.39	1.14	6.18	65.53	1.35	44.64
2.083	15.11	53.4	1.18	6.17	64.92	1.3	44.64
2.092	15.11	53.4	0.84	6.22	65.39	1.24	44.63
2.096	15.11	53.42	0.92	6.25	64.18	1.36	44.66
2.113	15.11	53.43	0.84	6.28	63.5	1.28	44.66
2.127	15.12	53.39	0.76	6.31	64.43	1.32	44.61
2.133	15.12	53.44	0.65	6.31	64.65	1.24	44.67
2.139	15.11	53.44	0.76	6.3	63.03	1.35	44.67
2.143	15.12	53.4	0.76	6.27	62.3	1.4	44.62
2.148	15.14	53.41	0.99	6.24	63.17	1.36	44.62
2.15	15.13	53.42	0.99	6.2	63.67	1.37	44.63
2.152	15.13	53.43	1.37	6.16	63.0	1.46	44.64
2.16	15.13	53.42	1.56	6.13	62.16	1.43	44.63
2.166	15.13	53.41	1.3	6.09	61.87	1.37	44.63
2.172	15.13	53.42	1.37	6.05	61.28	1.34	44.64
2.181	15.13	53.43	1.3	6.0	61.63	1.26	44.64
2.188	15.13	53.39	0.88	5.96	62.24	1.28	44.61
2.19	15.13	53.38	0.88	5.86	61.45	1.34	44.6
2.191	15.13	53.43	1.41	5.85	62.36	1.3	44.64
2.198	15.12	53.47	1.26	5.85	62.87	1.38	44.69
2.21	15.12	53.42	1.6	6.05	63.19	1.35	44.64
2.218	15.12	53.43	1.34	6.12	63.76	1.24	44.65
2.231	15.13	53.46	1.3	6.18	63.41	1.26	44.67
2.234	15.13	53.43	1.53	6.34	61.17	1.49	44.64
2.235	15.13	53.43	1.41	6.35	60.61	1.48	44.64
2.237	15.13	53.43	2.02	6.33	60.02	1.29	44.64
2.242	15.13	53.46	1.72	6.3	59.56	1.3	44.67
2.257	15.13	53.45	1.37	6.27	58.64	1.34	44.65
2.275	15.13	53.43	1.53	6.23	58.68	1.37	44.64
2.282	15.14	53.46	0.95	6.09	62.04	1.26	44.66
2.29	15.14	53.44	0.72	6.03	61.67	1.27	44.64
2.3	15.14	53.44	0.8	5.98	61.43	1.24	44.64
2.306	15.14	53.43	0.95	5.92	62.13	1.21	44.63
2.31	15.14	53.46	1.37	5.87	63.2	1.25	44.66
2.324	15.15	53.48	1.18	5.81	62.3	1.24	44.67
2.333	15.16	53.41	0.72	5.77	62.04	1.25	44.58
2.336	15.16	53.46	0.92	5.72	61.6	1.26	44.63
2.346	15.15	53.49	1.26	5.7	61.75	1.24	44.67
2.356	15.15	53.43	1.68	5.71	61.7	1.27	44.61
2.418	15.16	53.45	2.48	6.15	58.97	1.43	44.62
2.422	15.16	53.44	1.6	6.27	58.94	1.4	44.62
2.435	15.16	53.49	1.98	6.37	58.47	1.34	44.66
2.491	15.17	53.55	1.11	6.43	56.34	1.3	44.72
2.579	15.18	53.46	0.65	6.46	56.09	1.26	44.61
2.623	15.19	53.45	0.69	6.46	57.21	1.24	44.6
2.632	15.15	53.52	0.95	6.43	56.8	1.3	44.7
2.683	15.14	53.6	0.57	6.41	55.73	1.22	44.8
2.754	15.16	53.5	0.5	6.43	56.85	1.34	44.67

2.791	15.18	53.48	0.72	6.51	57.11	1.25	44.64
2.805	15.16	53.53	0.61	6.63	56.51	1.32	44.71
2.816	15.15	53.5	0.72	6.79	56.88	1.24	44.68
2.833	15.16	53.53	0.57	6.96	57.1	1.33	44.69
2.889	15.17	53.55	0.69	7.12	56.47	1.4	44.71
2.946	15.18	53.49	0.65	7.24	56.35	1.37	44.64
2.983	15.18	53.51	0.61	7.31	56.17	1.36	44.66
3.005	15.16	53.55	0.72	7.33	56.43	1.35	44.71
3.023	15.16	53.52	0.57	7.3	56.29	1.27	44.69
3.052	15.17	53.52	0.72	7.25	55.88	1.31	44.69
3.098	15.17	53.54	0.84	7.19	55.06	1.43	44.7
3.122	15.17	53.58	1.26	6.9	54.82	1.23	44.74
3.135	15.17	53.54	1.37	6.81	53.94	1.28	44.69
3.147	15.19	53.51	1.37	6.72	53.22	1.27	44.65
3.148	15.17	53.55	1.91	6.66	52.93	1.28	44.71
3.151	15.15	53.54	1.98	6.64	53.12	1.31	44.72
3.153	15.16	53.52	1.64	6.66	52.69	1.25	44.69
3.155	15.16	53.55	1.53	6.75	51.91	1.34	44.72
3.156	15.16	53.53	1.22	6.81	52.06	1.31	44.7



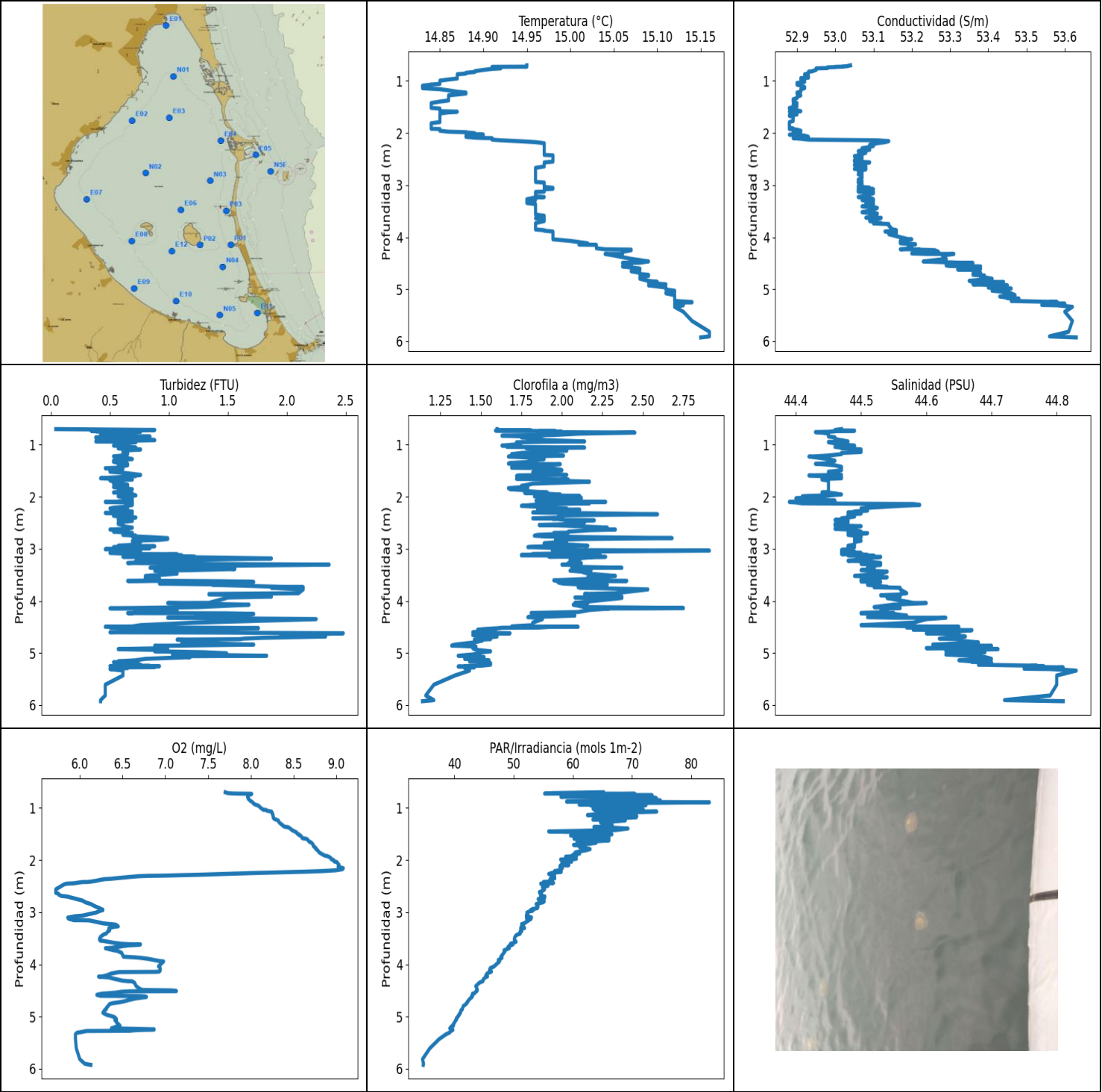
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.94	51.56	0.23	5.82	60.41	1.14	44.15
PROF (metros)	1.496	0.785	0.831	1.085	1.181	0.891	0.943
MÁXIMO	14.02	14.02	1.56	6.81	78.03	1.46	44.27
PROF (metros)	0.951	1.085	1.136	1.375	0.928	1.01	1.496

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	14.0	51.59	0.75	6.23	68.41	1.27	44.18
1 - 2m	13.99	51.61	0.87	6.32	68.16	1.31	44.22

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)
0.719	13.96	51.57	0.65	6.08	61.41	1.21	44.21
0.739	13.96	51.6	0.88	5.95	66.29	1.18	44.23
0.757	13.97	51.59	0.8	5.91	62.03	1.26	44.21
0.77	13.98	51.59	0.65	6.02	68.56	1.24	44.21
0.777	13.99	51.57	0.65	6.11	64.03	1.27	44.17
0.785	14.0	51.56	0.5	6.21	65.48	1.32	44.16
0.786	13.99	51.56	0.61	6.43	72.56	1.37	44.17
0.793	13.99	51.59	0.72	6.44	66.32	1.24	44.2
0.81	13.99	51.58	0.69	6.41	65.44	1.21	44.18
0.821	14.0	51.56	0.53	6.37	70.05	1.25	44.16
0.827	14.0	51.59	0.5	6.31	69.94	1.28	44.19
0.831	13.99	51.59	0.23	6.28	66.16	1.31	44.19
0.835	13.99	51.57	0.57	6.28	66.71	1.27	44.18
0.842	13.99	51.58	0.65	6.32	73.17	1.32	44.18
0.849	13.99	51.58	0.69	6.39	61.28	1.35	44.18
0.858	13.99	51.59	0.38	6.45	69.05	1.4	44.19
0.871	13.99	51.58	0.84	6.51	71.03	1.34	44.18
0.881	13.99	51.58	0.46	6.54	74.3	1.21	44.18
0.891	13.99	51.6	0.92	6.53	65.74	1.14	44.2
0.905	13.99	51.58	1.34	6.49	72.65	1.25	44.18
0.928	14.01	51.61	0.88	6.26	78.02	1.19	44.19
0.934	14.01	51.6	1.22	6.18	67.78	1.28	44.18
0.943	14.01	51.57	1.3	6.12	66.74	1.21	44.15
0.951	14.02	51.59	1.18	6.06	72.23	1.17	44.16
0.959	14.01	51.62	0.95	6.03	68.07	1.34	44.2
0.973	14.01	51.6	0.99	6.02	68.64	1.21	44.18
0.987	14.01	51.58	0.8	6.02	72.95	1.45	44.15
0.99	14.01	51.59	0.57	6.04	67.99	1.33	44.17
0.995	14.01	51.62	0.57	6.05	69.37	1.2	44.2
1.01	14.0	51.6	0.76	6.07	67.13	1.46	44.18
1.022	14.01	51.61	0.61	6.05	69.08	1.37	44.2
1.023	14.01	51.61	0.57	6.03	68.26	1.36	44.19
1.036	14.01	51.59	0.84	6.03	70.69	1.29	44.16
1.048	14.01	51.6	0.53	6.04	67.74	1.3	44.18
1.056	14.01	51.61	0.8	6.05	70.79	1.27	44.19
1.064	14.0	51.6	0.95	6.04	69.39	1.36	44.19
1.08	14.0	51.6	1.22	6.04	64.09	1.46	44.18
1.085	14.02	51.63	1.34	5.82	74.8	1.24	44.2
1.091	14.01	51.63	0.99	6.08	68.45	1.26	44.2
1.101	14.02	51.61	1.41	6.12	74.23	1.25	44.18

1.136	14.02	51.61	1.56	6.15	67.99	1.29	44.18
1.157	14.0	51.63	0.46	6.16	77.18	1.3	44.22
1.162	14.0	51.6	0.53	6.15	65.06	1.41	44.2
1.181	13.99	51.61	0.53	6.16	60.41	1.41	44.21
1.227	13.99	51.63	0.57	6.2	70.61	1.3	44.23
1.258	13.98	51.62	0.5	6.36	63.73	1.22	44.23
1.263	13.98	51.61	0.76	6.43	69.21	1.24	44.23
1.278	13.96	51.61	0.5	6.5	71.38	1.4	44.24
1.287	13.96	51.61	0.61	6.57	68.1	1.38	44.25
1.295	13.96	51.61	0.46	6.65	64.04	1.26	44.25
1.317	13.96	51.61	0.88	6.72	65.6	1.3	44.25
1.354	13.96	51.61	1.49	6.77	68.85	1.36	44.25
1.375	13.96	51.61	0.99	6.81	68.07	1.27	44.25
1.381	13.96	51.61	0.99	6.81	62.75	1.23	44.25
1.404	13.96	51.61	1.37	6.79	65.3	1.23	44.25
1.454	13.96	51.6	1.14	6.75	67.61	1.33	44.25
1.487	13.95	51.6	0.84	6.51	67.16	1.41	44.25
1.496	13.94	51.6	0.92	6.44	69.07	1.17	44.27



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.83	52.88	0.04	5.72	34.66	1.14	44.39
PROF (metros)	1.091	1.518	0.7	2.565	5.816	5.926	2.098
MÁXIMO	15.16	15.16	2.48	9.08	83.04	2.91	44.83
PROF (metros)	5.816	5.926	4.621	2.156	0.893	3.035	5.338

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	14.9	52.96	0.58	7.97	66.39	1.83	44.46
1 - 2m	14.85	52.9	0.6	8.54	63.92	1.84	44.46
2 - 3m	14.95	53.05	0.65	6.92	55.99	2.03	44.48
3 - 4m	14.97	53.1	1.18	6.33	50.6	2.12	44.51
4 - 5m	15.06	53.31	1.19	6.53	43.62	1.75	44.6
5 - 6m	15.13	53.53	0.77	6.37	39.05	1.41	44.74

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 2 - 3m, 3 - 4m con los valores 2.03, 2.12 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)
0.7	14.95	53.04	0.04	7.7	65.15	1.6	44.47
0.717	14.95	53.03	0.88	7.73	56.6	1.6	44.46
0.723	14.95	53.02	0.5	7.78	60.3	1.69	44.46
0.726	14.95	53.02	0.69	7.83	55.25	1.81	44.47
0.729	14.91	53.0	0.61	7.99	70.43	1.59	44.49
0.733	14.91	53.0	0.34	8.01	68.42	1.66	44.49
0.739	14.91	52.98	0.69	8.0	64.24	1.96	44.46
0.743	14.92	52.98	0.38	7.99	67.91	1.86	44.46
0.752	14.92	52.98	0.76	7.98	65.56	2.0	44.45
0.758	14.92	52.95	0.72	7.97	73.38	1.85	44.43
0.768	14.91	52.95	0.65	7.97	59.56	2.45	44.44
0.788	14.9	52.95	0.42	7.96	58.0	2.1	44.45
0.813	14.89	52.94	0.57	7.97	74.09	1.95	44.45
0.823	14.89	52.93	0.61	7.97	66.96	1.69	44.45
0.828	14.89	52.93	0.42	7.97	65.59	1.63	44.45
0.843	14.88	52.93	0.84	7.98	68.42	1.8	44.45
0.858	14.88	52.93	0.38	7.99	74.77	1.75	44.46
0.871	14.87	52.92	0.38	8.0	68.7	1.79	44.46
0.88	14.87	52.92	0.5	8.01	58.96	1.87	44.46
0.893	14.87	52.92	0.72	8.02	83.04	1.87	44.46
0.913	14.87	52.93	0.88	8.03	65.58	1.9	44.47
0.937	14.87	52.93	0.38	8.05	61.08	2.14	44.48
0.946	14.87	52.91	0.69	8.07	72.35	1.86	44.45
0.953	14.87	52.91	0.72	8.08	62.98	1.72	44.45
0.972	14.86	52.91	0.65	8.1	70.64	1.72	44.46
0.994	14.85	52.92	0.57	8.11	68.12	1.72	44.47
1.017	14.85	52.92	0.53	8.13	63.42	1.63	44.49
1.033	14.85	52.91	0.65	8.14	71.9	1.75	44.47
1.037	14.85	52.9	0.65	8.15	69.2	1.75	44.46
1.038	14.85	52.9	0.61	8.17	63.67	1.69	44.46
1.041	14.85	52.9	0.61	8.18	68.56	1.66	44.46
1.056	14.85	52.9	0.72	8.19	69.08	2.14	44.47
1.069	14.84	52.9	0.61	8.23	66.08	1.78	44.47
1.071	14.84	52.9	0.57	8.24	74.16	1.86	44.48
1.091	14.83	52.91	0.76	8.25	67.14	2.02	44.5

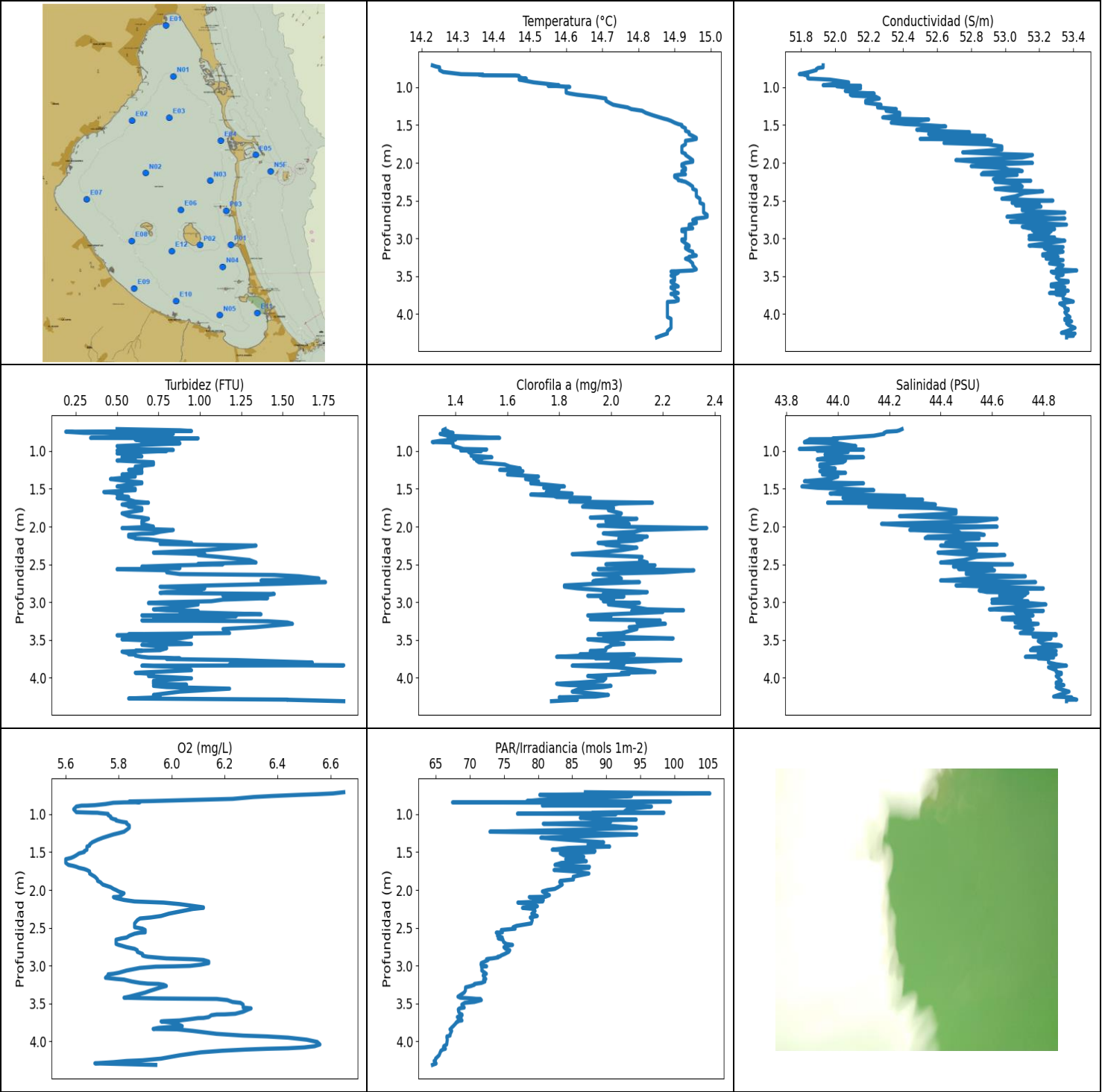
1.116	14.83	52.92	0.61	8.25	64.3	2.03	44.5
1.139	14.83	52.92	0.65	8.26	62.47	1.88	44.5
1.158	14.85	52.91	0.61	8.26	70.79	1.75	44.47
1.181	14.86	52.91	0.65	8.26	70.72	1.69	44.47
1.208	14.87	52.91	0.61	8.27	66.12	2.01	44.45
1.223	14.88	52.9	0.53	8.29	63.39	1.84	44.43
1.228	14.88	52.9	0.57	8.3	67.83	1.67	44.42
1.242	14.88	52.9	0.61	8.32	68.85	1.77	44.43
1.276	14.86	52.91	0.69	8.33	64.67	1.89	44.45
1.307	14.86	52.9	0.53	8.35	66.2	1.8	44.46
1.329	14.86	52.9	0.53	8.37	66.65	1.81	44.45
1.351	14.86	52.89	0.57	8.38	66.43	1.68	44.45
1.363	14.86	52.89	0.57	8.4	65.68	1.67	44.44
1.367	14.86	52.89	0.65	8.42	63.56	1.73	44.43
1.374	14.86	52.89	0.61	8.44	65.67	1.99	44.44
1.396	14.85	52.89	0.65	8.46	69.31	1.81	44.46
1.425	14.84	52.9	0.57	8.48	67.19	1.69	44.47
1.442	14.84	52.9	0.57	8.5	60.94	1.69	44.47
1.451	14.84	52.89	0.46	8.51	55.94	1.91	44.47
1.465	14.84	52.89	0.61	8.53	61.14	1.96	44.47
1.489	14.84	52.9	0.5	8.54	65.73	2.0	44.47
1.507	14.84	52.89	0.53	8.56	66.6	1.85	44.46
1.518	14.84	52.88	0.5	8.56	61.4	1.85	44.45
1.53	14.85	52.88	0.57	8.58	59.63	1.82	44.45
1.549	14.85	52.89	0.65	8.59	64.89	1.88	44.45
1.58	14.85	52.91	0.76	8.6	66.11	2.03	44.47
1.59	14.87	52.88	0.69	8.64	60.2	1.73	44.42
1.602	14.86	52.89	0.72	8.66	64.28	1.72	44.44
1.624	14.85	52.9	0.57	8.67	66.09	1.82	44.47
1.644	14.85	52.9	0.42	8.68	63.44	1.83	44.47
1.655	14.85	52.89	0.53	8.69	60.72	1.72	44.45
1.659	14.85	52.88	0.5	8.7	61.7	1.81	44.44
1.67	14.85	52.88	0.69	8.71	63.91	2.04	44.44
1.689	14.85	52.89	0.5	8.72	62.69	1.92	44.45
1.71	14.85	52.89	0.57	8.73	60.13	2.17	44.45
1.729	14.85	52.89	0.61	8.73	61.97	2.01	44.45
1.748	14.85	52.89	0.53	8.74	61.11	1.82	44.45
1.768	14.85	52.89	0.65	8.76	62.03	1.79	44.45
1.79	14.85	52.88	0.65	8.76	62.92	1.75	44.45
1.812	14.84	52.88	0.53	8.78	62.24	1.79	44.45
1.834	14.84	52.88	0.61	8.79	61.13	1.67	44.45
1.856	14.84	52.88	0.69	8.8	60.4	1.68	44.45
1.874	14.84	52.88	0.57	8.82	61.17	1.79	44.45
1.895	14.84	52.88	0.65	8.84	60.07	1.8	44.45
1.911	14.84	52.89	0.61	8.86	59.96	1.87	44.45
1.918	14.84	52.88	0.53	8.87	59.88	1.91	44.44
1.923	14.85	52.88	0.65	8.89	60.63	1.77	44.45
1.936	14.85	52.9	0.69	8.91	58.79	1.87	44.46
1.956	14.85	52.91	0.69	8.93	59.73	1.99	44.47
1.975	14.86	52.91	0.72	8.94	60.61	1.87	44.45
1.984	14.88	52.89	0.57	8.94	59.99	2.11	44.42
1.99	14.88	52.89	0.57	8.95	57.95	1.83	44.41
2.004	14.89	52.9	0.61	8.97	58.09	2.09	44.41
2.021	14.89	52.9	0.61	8.97	58.74	2.12	44.41
2.031	14.9	52.89	0.65	8.98	59.81	1.88	44.4
2.033	14.89	52.88	0.69	8.99	58.96	2.06	44.4
2.035	14.89	52.89	0.65	9.0	59.51	1.9	44.41
2.051	14.88	52.92	0.65	9.01	58.63	2.1	44.44

2.074	14.88	52.93	0.69	9.02	58.1	1.84	44.46
2.089	14.89	52.91	0.57	9.03	58.72	2.12	44.43
2.096	14.9	52.9	0.57	9.03	59.34	2.14	44.41
2.098	14.91	52.89	0.46	9.03	58.67	2.27	44.39
2.109	14.91	52.91	0.69	9.03	57.86	2.01	44.4
2.127	14.91	52.93	0.69	9.02	57.83	2.17	44.41
2.14	14.92	53.11	0.65	9.04	58.14	1.92	44.58
2.156	14.94	53.14	0.69	9.08	58.25	1.82	44.59
2.175	14.96	53.13	0.65	9.07	57.83	1.75	44.56
2.196	14.97	53.11	0.61	8.99	57.75	1.88	44.53
2.211	14.97	53.1	0.53	8.84	56.93	1.9	44.51
2.224	14.97	53.09	0.5	8.61	58.06	2.03	44.5
2.236	14.97	53.1	0.65	8.33	57.31	1.85	44.51
2.249	14.97	53.1	0.57	8.02	56.43	2.11	44.51
2.266	14.97	53.09	0.57	7.69	55.95	1.9	44.51
2.282	14.97	53.08	0.69	7.39	56.39	1.87	44.49
2.291	14.97	53.07	0.65	7.15	56.44	1.94	44.49
2.299	14.97	53.07	0.65	6.96	56.39	1.98	44.48
2.302	14.97	53.07	0.57	6.81	56.93	1.82	44.49
2.309	14.97	53.09	0.46	6.69	56.85	1.97	44.5
2.323	14.97	53.09	0.69	6.59	56.4	2.29	44.5
2.336	14.97	53.07	0.53	6.51	56.38	2.59	44.48
2.349	14.97	53.06	0.65	6.43	56.97	2.21	44.48
2.359	14.97	53.07	0.53	6.36	56.48	2.01	44.48
2.366	14.97	53.07	0.53	6.29	56.16	1.98	44.49
2.379	14.97	53.08	0.61	6.24	56.54	2.0	44.49
2.398	14.97	53.07	0.72	6.19	56.08	2.0	44.48
2.413	14.97	53.06	0.57	6.13	56.08	1.82	44.47
2.42	14.97	53.06	0.69	6.09	55.34	1.96	44.47
2.421	14.97	53.07	0.65	6.04	55.05	1.94	44.48
2.428	14.98	53.07	0.61	6.0	56.09	1.98	44.48
2.439	14.98	53.06	0.57	5.96	56.76	2.01	44.47
2.446	14.98	53.05	0.65	5.93	56.08	2.02	44.46
2.449	14.98	53.06	0.69	5.88	54.95	2.16	44.47
2.452	14.98	53.06	0.69	5.85	54.59	2.2	44.47
2.464	14.98	53.07	0.69	5.82	54.82	2.07	44.48
2.492	14.98	53.07	0.57	5.79	55.83	2.14	44.48
2.523	14.98	53.05	0.57	5.76	54.88	2.05	44.46
2.542	14.98	53.05	0.61	5.74	55.01	1.86	44.46
2.549	14.98	53.06	0.61	5.73	55.19	1.98	44.46
2.565	14.97	53.09	0.61	5.72	55.23	2.1	44.5
2.593	14.97	53.06	0.69	5.72	54.86	2.28	44.47
2.615	14.97	53.05	0.65	5.72	54.36	2.17	44.46
2.629	14.97	53.06	0.5	5.72	54.45	2.33	44.48
2.642	14.97	53.08	0.61	5.75	54.48	2.18	44.49
2.669	14.96	53.08	0.53	5.76	54.83	2.04	44.5
2.689	14.96	53.05	0.65	5.79	54.81	2.04	44.48
2.693	14.96	53.06	0.69	5.82	54.56	1.95	44.49
2.698	14.96	53.08	0.69	5.85	55.3	1.95	44.51
2.715	14.96	53.07	0.65	5.89	55.16	1.99	44.5
2.732	14.96	53.06	0.61	5.93	55.24	1.85	44.48
2.748	14.96	53.07	0.72	5.97	54.16	1.83	44.49
2.761	14.96	53.07	0.69	6.0	54.28	1.89	44.5
2.775	14.96	53.07	0.84	6.03	54.55	2.14	44.5
2.794	14.96	53.06	0.99	6.05	55.18	2.68	44.49
2.811	14.96	53.07	0.99	6.07	54.93	2.14	44.49
2.827	14.96	53.07	0.92	6.1	54.26	1.96	44.49
2.844	14.96	53.07	0.69	6.13	53.82	2.03	44.5

2.869	14.96	53.07	0.76	6.16	54.14	1.98	44.49
2.895	14.96	53.06	0.69	6.19	54.12	1.89	44.49
2.92	14.96	53.07	0.72	6.23	54.05	2.06	44.49
2.94	14.96	53.06	0.57	6.25	53.16	2.16	44.48
2.951	14.97	53.06	0.88	6.27	53.04	1.9	44.48
2.959	14.97	53.07	0.69	6.27	52.87	1.82	44.49
2.967	14.97	53.07	0.53	6.25	53.3	1.79	44.49
2.985	14.97	53.07	0.84	6.22	52.69	2.0	44.48
3.007	14.97	53.07	0.46	6.19	52.25	1.94	44.48
3.022	14.97	53.06	0.72	6.15	52.4	1.94	44.47
3.035	14.97	53.07	0.72	6.11	52.29	2.91	44.48
3.052	14.98	53.09	0.76	6.07	52.21	2.11	44.49
3.066	14.98	53.06	0.53	6.03	52.49	1.95	44.47
3.071	14.98	53.07	0.69	5.99	52.17	2.21	44.48
3.079	14.97	53.1	0.5	5.94	52.34	2.15	44.5
3.091	14.97	53.07	0.61	5.9	52.64	1.94	44.48
3.099	14.97	53.06	0.76	5.88	53.03	1.82	44.47
3.104	14.97	53.09	1.07	5.86	53.01	1.91	44.5
3.117	14.97	53.09	0.95	5.88	52.19	1.75	44.51
3.125	14.97	53.06	1.11	5.87	52.31	1.75	44.48
3.126	14.97	53.08	0.76	5.89	52.35	2.2	44.49
3.132	14.96	53.1	0.99	5.89	52.93	2.24	44.52
3.152	14.96	53.08	1.22	5.93	52.32	1.92	44.5
3.153	14.96	53.1	0.61	6.04	52.48	2.27	44.53
3.156	14.96	53.1	0.99	6.11	52.54	2.2	44.53
3.184	14.96	53.08	1.87	6.19	52.2	2.09	44.5
3.215	14.96	53.07	1.18	6.28	51.74	2.05	44.49
3.229	14.97	53.06	0.72	6.36	51.36	2.06	44.48
3.238	14.96	53.09	0.88	6.42	51.72	2.11	44.51
3.271	14.95	53.1	0.65	6.45	51.42	2.04	44.53
3.276	14.95	53.08	0.88	6.41	51.4	2.12	44.51
3.287	14.96	53.07	0.99	6.38	51.26	2.11	44.5
3.303	14.95	53.09	2.36	6.35	51.88	2.0	44.52
3.309	14.95	53.1	2.17	6.34	51.42	2.05	44.53
3.322	14.95	53.09	1.6	6.35	51.21	2.1	44.52
3.344	14.95	53.08	1.3	6.35	51.21	2.06	44.51
3.363	14.96	53.08	0.84	6.34	51.4	2.37	44.51
3.364	14.96	53.1	1.45	6.33	51.2	2.12	44.52
3.387	14.96	53.1	1.56	6.32	51.06	2.15	44.52
3.409	14.96	53.07	1.18	6.31	51.15	2.18	44.5
3.419	14.96	53.09	0.88	6.29	50.94	2.05	44.51
3.437	14.96	53.11	1.03	6.27	50.48	2.12	44.54
3.476	14.96	53.1	1.07	6.24	50.23	2.16	44.53
3.521	14.96	53.07	0.8	6.23	50.14	2.33	44.49
3.545	14.96	53.11	0.8	6.24	50.23	2.24	44.54
3.548	14.96	53.11	0.84	6.27	50.27	2.16	44.53
3.566	14.96	53.09	0.92	6.33	50.44	2.27	44.51
3.59	14.97	53.09	0.8	6.41	49.92	2.06	44.5
3.605	14.97	53.09	0.92	6.49	49.49	1.95	44.5
3.613	14.97	53.1	0.76	6.57	49.49	2.27	44.51
3.615	14.97	53.09	0.65	6.64	49.72	2.4	44.5
3.616	14.97	53.11	1.03	6.71	49.93	2.04	44.52
3.623	14.97	53.1	1.45	6.7	49.46	1.97	44.52
3.626	14.97	53.08	1.53	6.67	49.69	1.97	44.5
3.629	14.97	53.12	1.68	6.63	49.44	1.98	44.53
3.636	14.96	53.11	1.72	6.57	49.58	1.99	44.53
3.65	14.97	53.1	1.34	6.5	49.23	1.98	44.51
3.668	14.97	53.1	0.92	6.44	49.06	2.01	44.52

3.683	14.97	53.09	1.45	6.37	49.06	2.12	44.51
3.69	14.97	53.09	1.37	6.3	49.29	2.28	44.51
3.73	14.96	53.12	1.95	6.4	48.4	2.24	44.54
3.736	14.96	53.1	2.14	6.43	48.56	2.1	44.52
3.748	14.96	53.14	1.87	6.45	48.57	2.11	44.56
3.779	14.96	53.14	2.14	6.49	48.38	2.53	44.56
3.852	14.96	53.15	2.1	6.51	47.87	2.33	44.57
3.867	14.97	53.16	1.34	6.66	48.06	2.14	44.56
3.876	14.97	53.15	1.34	6.72	48.06	2.17	44.56
3.891	14.98	53.13	1.83	6.79	47.83	2.17	44.53
3.917	14.98	53.16	1.87	6.87	47.43	2.37	44.56
3.935	14.98	53.15	1.49	6.93	47.47	2.08	44.55
3.943	14.98	53.14	1.49	6.98	47.65	2.37	44.54
4.038	14.98	53.19	1.34	6.92	46.72	2.08	44.58
4.041	14.98	53.2	0.99	6.93	46.71	2.16	44.6
4.072	15.0	53.17	1.68	6.94	46.08	2.07	44.55
4.118	15.02	53.17	1.26	6.94	45.94	2.14	44.52
4.138	15.01	53.21	0.69	6.93	46.29	2.75	44.56
4.143	15.01	53.2	0.5	6.88	46.09	2.51	44.55
4.145	15.02	53.2	0.57	6.55	46.08	2.17	44.55
4.147	15.03	53.19	0.8	6.46	46.12	2.29	44.53
4.174	15.03	53.2	1.07	6.37	45.54	2.17	44.54
4.213	15.03	53.2	0.72	6.31	45.33	2.1	44.54
4.232	15.04	53.17	0.69	6.26	45.62	1.81	44.5
4.233	15.04	53.22	0.65	6.22	45.49	1.84	44.55
4.239	15.07	53.21	1.49	6.26	45.42	1.94	44.5
4.25	15.07	53.26	1.72	6.34	45.25	1.86	44.55
4.282	15.06	53.27	1.6	6.42	44.94	2.08	44.57
4.312	15.06	53.2	1.22	6.5	44.84	1.79	44.51
4.322	15.06	53.24	1.34	6.57	44.86	1.84	44.55
4.323	15.04	53.31	0.99	6.61	44.78	1.88	44.63
4.35	15.05	53.28	2.25	6.64	44.26	1.88	44.6
4.417	15.07	53.29	1.22	6.66	43.64	1.82	44.58
4.466	15.09	53.23	0.76	6.7	43.86	1.82	44.5
4.49	15.08	53.32	0.69	6.73	43.82	1.69	44.59
4.496	15.06	53.36	0.46	6.99	43.91	2.1	44.65
4.499	15.07	53.3	0.65	7.08	43.88	1.92	44.59
4.511	15.07	53.29	0.5	7.13	43.83	1.86	44.57
4.516	15.07	53.33	1.37	6.58	43.71	1.63	44.62
4.524	15.07	53.34	1.76	6.49	43.61	1.61	44.62
4.543	15.07	53.29	1.11	6.41	43.52	1.51	44.58
4.554	15.07	53.3	0.88	6.33	43.43	1.48	44.58
4.561	15.06	53.38	0.84	6.26	43.08	1.56	44.67
4.583	15.07	53.36	0.76	6.2	43.09	1.59	44.65
4.602	15.08	53.37	0.5	6.24	43.11	1.45	44.63
4.608	15.08	53.38	1.49	6.71	43.02	1.53	44.65
4.614	15.08	53.36	1.79	6.76	42.9	1.56	44.64
4.621	15.08	53.32	2.48	6.78	43.03	1.68	44.6
4.63	15.08	53.37	2.36	6.75	42.94	1.53	44.65
4.656	15.07	53.36	1.95	6.64	42.69	1.45	44.64
4.683	15.08	53.38	2.33	6.57	42.44	1.6	44.66
4.708	15.08	53.36	1.79	6.52	42.34	1.53	44.63
4.723	15.09	53.36	1.64	6.47	42.17	1.56	44.62
4.735	15.09	53.39	1.6	6.42	42.18	1.56	44.65
4.744	15.09	53.38	1.07	6.38	42.1	1.46	44.65
4.759	15.08	53.38	1.3	6.35	42.02	1.51	44.65
4.798	15.08	53.41	1.11	6.33	41.55	1.46	44.68
4.839	15.09	53.35	1.72	6.31	41.41	1.34	44.61

4.859	15.1	53.36	1.03	6.31	41.37	1.32	44.62
4.86	15.09	53.44	0.88	6.31	41.37	1.35	44.7
4.877	15.09	53.43	0.95	6.29	41.15	1.47	44.69
4.906	15.11	53.36	0.99	6.28	41.11	1.45	44.6
4.926	15.09	53.45	0.57	6.27	41.07	1.46	44.71
4.945	15.1	53.4	0.99	6.29	40.88	1.49	44.65
4.968	15.11	53.4	0.88	6.32	40.86	1.56	44.63
4.986	15.11	53.46	1.3	6.36	40.67	1.51	44.69
5.006	15.11	53.45	1.49	6.4	40.65	1.49	44.68
5.029	15.12	53.41	1.03	6.42	40.38	1.45	44.63
5.053	15.12	53.45	1.83	6.43	40.35	1.36	44.67
5.062	15.12	53.44	1.07	6.42	40.38	1.43	44.67
5.064	15.11	53.44	1.11	6.41	40.29	1.42	44.67
5.079	15.11	53.46	1.18	6.42	40.19	1.52	44.69
5.112	15.12	53.47	0.8	6.43	40.09	1.4	44.7
5.14	15.12	53.43	0.72	6.45	39.87	1.55	44.65
5.161	15.12	53.45	0.57	6.46	39.79	1.43	44.67
5.172	15.12	53.45	0.69	6.47	39.9	1.54	44.67
5.177	15.12	53.48	0.53	6.46	39.69	1.5	44.7
5.193	15.12	53.47	0.72	6.43	39.51	1.56	44.69
5.225	15.12	53.46	0.76	6.37	39.26	1.56	44.68
5.245	15.14	53.58	0.72	6.87	39.75	1.5	44.77
5.248	15.14	53.56	0.84	6.87	39.69	1.44	44.76
5.252	15.14	53.57	0.5	6.84	39.69	1.4	44.76
5.253	15.13	53.58	0.92	6.78	39.7	1.4	44.78
5.256	15.13	53.57	0.76	6.72	39.78	1.42	44.78
5.26	15.13	53.57	0.69	6.65	39.57	1.36	44.77
5.272	15.13	53.58	0.88	6.58	39.4	1.45	44.78
5.276	15.12	53.6	0.53	6.08	39.5	1.46	44.81
5.289	15.12	53.57	0.65	6.04	39.34	1.4	44.78
5.302	15.13	53.54	0.57	6.0	39.26	1.43	44.75
5.308	15.13	53.58	0.5	5.97	39.19	1.41	44.79
5.338	15.12	53.62	0.61	5.95	38.64	1.43	44.83
5.432	15.13	53.6	0.61	5.95	37.46	1.34	44.8
5.609	15.14	53.62	0.46	5.96	35.89	1.21	44.8
5.816	15.16	53.61	0.46	6.0	34.66	1.16	44.79
5.905	15.16	53.56	0.42	6.06	34.84	1.21	44.72
5.926	15.15	53.63	0.42	6.13	34.8	1.14	44.81



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.23	51.79	0.19	5.6	64.51	1.31	43.85
PROF (metros)	0.71	0.827	0.745	1.594	4.31	0.881	0.973
MÁXIMO	14.99	14.99	1.87	6.65	105.24	2.37	44.93
PROF (metros)	2.687	3.423	3.835	0.71	0.726	2.02	4.289

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	14.42	51.93	0.69	5.94	89.02	1.4	44.02
1 - 2m	14.84	52.51	0.59	5.72	86.06	1.76	44.1
2 - 3m	14.94	53.11	1.01	5.92	76.65	2.03	44.55
3 - 4m	14.91	53.31	0.88	6.04	69.52	2.03	44.78
4 - 5m	14.88	53.37	0.95	6.14	65.59	1.88	44.87

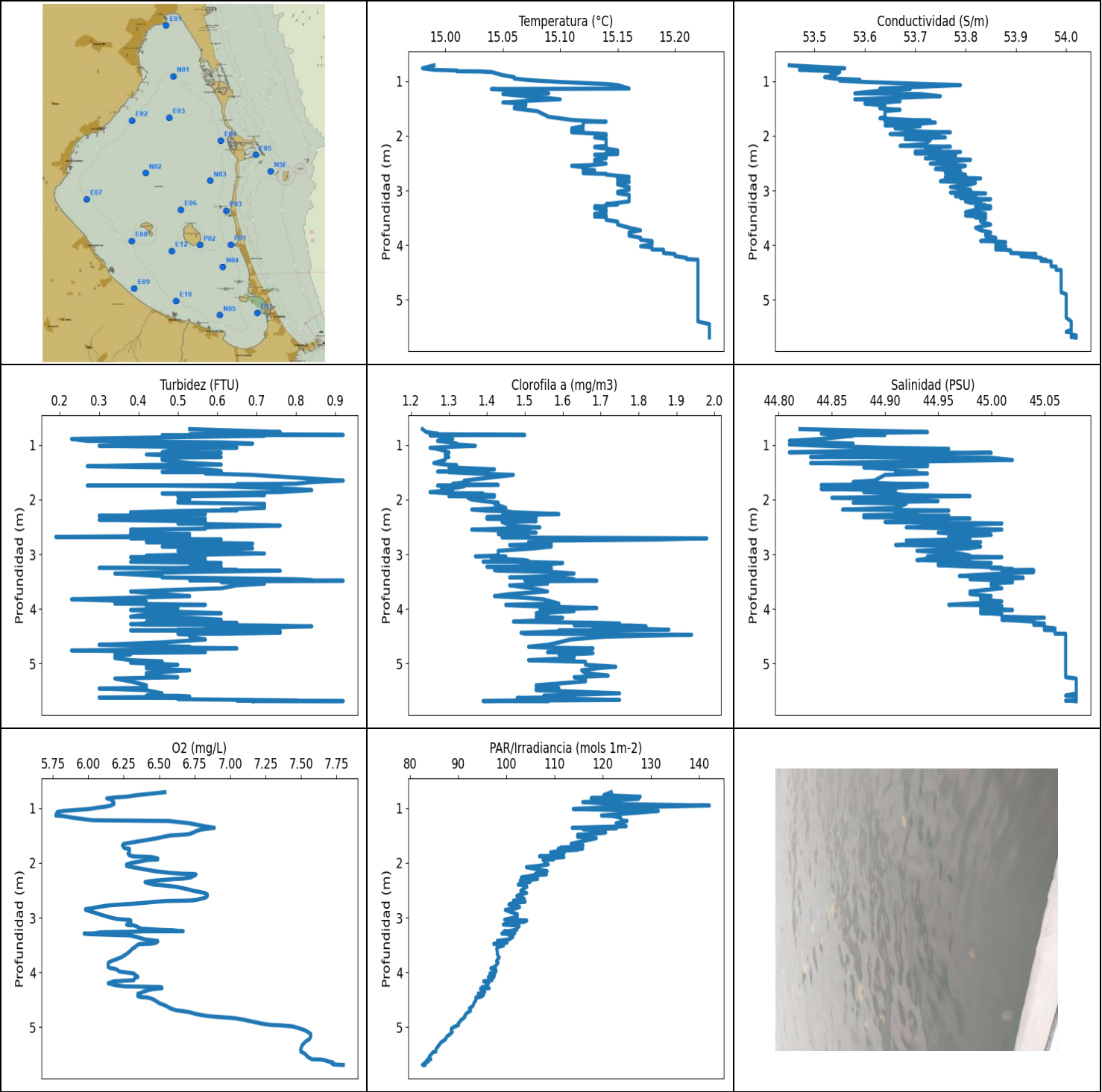
OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 2 - 3m, 3 - 4m con los valores 2.03, 2.03 respectivamente

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)
0.71	14.23	51.93	0.5	6.65	86.96	1.36	44.25
0.726	14.24	51.93	0.88	6.61	105.24	1.35	44.24
0.736	14.25	51.93	0.95	6.55	89.21	1.37	44.23
0.745	14.25	51.9	0.19	6.48	80.26	1.37	44.19
0.76	14.25	51.89	0.3	6.38	93.72	1.39	44.18
0.773	14.25	51.89	0.84	6.31	91.51	1.34	44.18
0.798	14.26	51.85	0.76	6.23	81.88	1.37	44.14
0.827	14.31	51.79	0.34	5.92	78.37	1.57	44.02
0.832	14.37	51.83	0.99	5.84	91.26	1.38	43.99
0.834	14.36	51.82	0.95	5.86	99.45	1.38	43.98
0.842	14.37	51.83	0.72	5.88	94.05	1.4	44.0
0.844	14.46	51.84	0.88	5.82	67.44	1.37	43.89
0.849	14.47	51.84	0.61	5.78	89.73	1.4	43.89
0.866	14.47	51.84	0.65	5.75	91.75	1.34	43.88
0.881	14.48	51.84	0.72	5.71	88.82	1.31	43.87
0.886	14.49	51.85	0.84	5.68	80.64	1.37	43.87
0.887	14.48	51.87	0.65	5.66	93.4	1.38	43.9
0.899	14.47	51.97	0.88	5.64	96.66	1.39	44.0
0.935	14.51	52.08	0.5	5.63	93.12	1.39	44.07
0.973	14.58	51.93	0.53	5.64	92.56	1.43	43.85
0.98	14.55	52.15	0.69	5.7	88.02	1.52	44.1
0.981	14.56	52.11	0.72	5.72	98.49	1.46	44.04
0.986	14.58	52.01	0.84	5.73	85.25	1.49	43.92
0.993	14.6	52.04	0.5	5.75	76.98	1.42	43.93
0.996	14.61	52.04	0.61	5.76	88.41	1.46	43.92
0.999	14.6	52.09	0.8	5.76	91.47	1.5	43.97
1.013	14.6	52.15	0.65	5.76	88.14	1.45	44.04
1.032	14.6	52.08	0.5	5.77	86.82	1.46	43.96
1.049	14.6	52.06	0.61	5.77	86.2	1.46	43.95
1.064	14.6	52.11	0.61	5.78	89.23	1.46	43.99
1.071	14.6	52.12	0.65	5.79	94.42	1.5	44.0
1.083	14.61	52.23	0.53	5.79	88.96	1.54	44.1
1.099	14.63	52.09	0.61	5.81	90.67	1.47	43.94
1.11	14.65	52.1	0.57	5.83	89.33	1.5	43.92
1.126	14.68	52.24	0.5	5.83	80.77	1.48	44.03
1.149	14.71	52.26	0.72	5.84	90.02	1.49	44.02

1.179	14.71	52.18	0.72	5.84	94.44	1.59	43.93
1.206	14.72	52.18	0.61	5.83	85.74	1.61	43.93
1.231	14.73	52.27	0.65	5.82	72.94	1.65	43.99
1.25	14.75	52.25	0.57	5.8	87.27	1.57	43.96
1.267	14.77	52.25	0.65	5.78	94.51	1.66	43.93
1.289	14.78	52.36	0.65	5.76	87.55	1.62	44.03
1.311	14.81	52.3	0.53	5.74	80.41	1.6	43.94
1.338	14.82	52.38	0.61	5.72	84.32	1.72	44.0
1.371	14.84	52.38	0.46	5.7	89.64	1.67	43.97
1.4	14.86	52.28	0.57	5.69	87.35	1.72	43.87
1.415	14.87	52.34	0.65	5.69	87.73	1.72	43.91
1.427	14.88	52.55	0.65	5.68	90.52	1.69	44.1
1.445	14.89	52.48	0.57	5.68	84.4	1.75	44.01
1.469	14.9	52.33	0.5	5.68	82.09	1.82	43.86
1.487	14.91	52.41	0.57	5.67	88.37	1.74	43.92
1.499	14.92	52.52	0.61	5.67	88.26	1.8	44.02
1.518	14.92	52.65	0.61	5.65	83.26	1.79	44.14
1.542	14.93	52.53	0.42	5.64	83.78	1.75	44.02
1.562	14.93	52.48	0.53	5.63	86.72	1.85	43.97
1.577	14.93	52.57	0.5	5.62	84.46	1.69	44.05
1.594	14.94	52.79	0.53	5.6	84.07	1.78	44.26
1.609	14.94	52.69	0.57	5.6	86.74	1.79	44.15
1.621	14.94	52.55	0.5	5.6	87.1	1.92	44.02
1.643	14.95	52.88	0.57	5.6	83.43	1.88	44.33
1.669	14.96	52.75	0.61	5.61	82.49	1.84	44.19
1.684	14.96	52.5	0.69	5.63	84.19	2.16	43.96
1.694	14.95	52.9	0.57	5.64	87.55	2.03	44.34
1.708	14.93	52.92	0.53	5.65	87.47	2.01	44.38
1.724	14.93	52.66	0.57	5.67	84.54	1.9	44.14
1.737	14.93	52.64	0.57	5.68	82.35	1.89	44.12
1.755	14.93	52.9	0.65	5.69	85.39	2.01	44.37
1.783	14.92	52.98	0.65	5.69	87.47	1.99	44.46
1.825	14.92	52.98	0.53	5.71	85.17	2.04	44.46
1.861	14.92	52.75	0.57	5.72	85.21	2.03	44.24
1.88	14.93	52.93	0.65	5.72	83.28	1.92	44.4
1.896	14.93	53.16	0.69	5.73	83.18	2.1	44.62
1.929	14.94	53.1	0.65	5.74	83.56	1.98	44.54
1.964	14.95	52.71	0.65	5.77	82.93	2.07	44.17
1.986	14.95	52.83	0.69	5.78	82.47	1.95	44.28
2.001	14.93	53.16	0.72	5.79	81.37	2.04	44.62
2.02	14.92	52.95	0.53	5.8	80.64	2.37	44.43
2.044	14.92	52.8	0.84	5.82	81.08	2.12	44.28
2.069	14.93	53.0	0.76	5.81	81.67	2.09	44.47
2.09	14.93	53.02	0.72	5.8	81.08	1.97	44.48
2.094	14.93	53.08	0.65	5.78	78.72	1.98	44.55
2.108	14.92	53.1	0.57	5.79	79.36	2.02	44.57
2.132	14.92	52.87	0.57	5.82	80.78	2.14	44.35
2.152	14.93	52.86	0.61	5.86	80.69	2.11	44.34
2.159	14.91	53.07	0.61	5.91	79.04	2.03	44.55
2.167	14.9	53.01	0.69	5.97	77.04	2.12	44.5
2.187	14.9	52.98	0.76	6.03	78.92	2.09	44.48
2.215	14.91	52.93	0.95	6.09	79.91	1.95	44.42
2.23	14.91	52.96	0.76	6.12	79.37	1.98	44.45
2.237	14.92	53.15	0.95	6.12	77.72	2.03	44.62
2.24	14.92	53.11	0.99	6.11	78.02	1.98	44.58
2.251	14.93	52.94	1.34	6.08	79.48	2.01	44.4
2.279	14.94	53.08	1.22	6.04	79.56	2.1	44.53
2.313	14.95	53.1	1.03	5.99	79.08	2.04	44.54

2.344	14.95	52.94	0.72	5.96	79.89	1.95	44.39
2.364	14.96	53.03	1.03	5.92	78.86	1.85	44.47
2.377	14.96	53.22	0.99	5.88	79.04	1.94	44.65
2.4	14.96	53.11	1.11	5.87	79.15	2.12	44.54
2.442	14.96	53.06	1.3	5.86	79.01	2.11	44.49
2.475	14.97	52.98	1.34	5.86	76.82	2.14	44.4
2.492	14.97	53.14	0.99	5.86	76.34	2.01	44.55
2.499	14.97	53.28	1.14	5.87	76.56	1.98	44.68
2.512	14.97	53.09	0.88	5.89	76.64	2.17	44.5
2.529	14.97	53.04	0.65	5.9	74.61	2.16	44.45
2.549	14.98	53.2	0.88	5.9	74.72	2.14	44.6
2.56	14.98	53.06	0.69	5.9	74.77	1.95	44.47
2.564	14.98	53.14	0.5	5.88	73.87	2.04	44.54
2.578	14.98	53.21	0.8	5.86	74.34	2.32	44.61
2.605	14.98	53.1	0.8	5.84	74.04	2.2	44.5
2.628	14.98	53.1	0.88	5.83	74.75	1.93	44.5
2.64	14.98	53.14	1.45	5.81	74.16	1.98	44.54
2.657	14.98	53.35	1.6	5.79	74.85	2.02	44.73
2.687	14.99	53.12	1.72	5.79	74.94	2.04	44.52
2.713	14.99	53.01	1.37	5.79	75.34	1.94	44.4
2.726	14.98	53.18	1.56	5.8	76.26	1.93	44.58
2.735	14.96	53.35	1.76	5.81	75.66	2.11	44.77
2.756	14.95	53.18	1.49	5.83	74.99	1.94	44.61
2.778	14.96	53.03	1.07	5.86	75.24	1.82	44.46
2.796	14.96	53.18	0.76	5.87	75.85	1.82	44.6
2.817	14.94	53.36	1.03	5.87	75.71	1.87	44.8
2.845	14.94	53.1	0.99	5.89	75.11	1.98	44.55
2.866	14.95	53.14	0.8	5.89	74.56	2.14	44.58
2.876	14.93	53.29	0.76	5.9	74.47	2.11	44.74
2.882	14.92	53.16	0.95	5.91	74.08	2.01	44.63
2.891	14.92	53.16	1.45	5.94	74.16	1.97	44.64
2.904	14.92	53.27	1.41	5.98	73.28	1.98	44.73
2.91	14.93	53.2	1.3	6.03	72.65	2.0	44.66
2.915	14.93	53.17	1.14	6.08	72.43	1.91	44.63
2.925	14.93	53.26	1.22	6.12	72.67	2.05	44.72
2.946	14.93	53.23	1.41	6.14	72.18	1.96	44.68
2.966	14.93	53.14	1.14	6.14	71.66	2.01	44.6
2.987	14.93	53.29	1.07	6.11	71.63	1.97	44.74
3.003	14.93	53.22	0.76	6.07	72.0	2.01	44.68
3.009	14.93	53.14	0.69	6.01	72.45	2.11	44.6
3.013	14.92	53.29	0.69	5.94	71.7	2.09	44.75
3.03	14.92	53.35	0.99	5.88	71.78	1.99	44.81
3.064	14.93	53.24	0.88	5.83	71.74	2.09	44.7
3.094	14.94	53.14	0.72	5.8	72.2	2.14	44.59
3.107	14.94	53.25	0.8	5.78	72.41	2.28	44.69
3.114	14.93	53.34	0.99	5.76	72.06	2.08	44.8
3.13	14.93	53.23	0.88	5.76	71.94	2.2	44.69
3.16	14.94	53.26	1.37	5.75	72.2	2.0	44.7
3.175	14.95	53.34	0.65	5.79	72.33	1.91	44.76
3.184	14.95	53.32	1.22	5.82	72.01	2.0	44.75
3.209	14.95	53.22	1.03	5.85	72.2	1.94	44.64
3.227	14.96	53.22	0.72	5.88	71.71	1.92	44.64
3.237	14.95	53.3	0.99	5.91	71.0	2.11	44.73
3.241	14.94	53.31	0.65	5.95	70.67	2.19	44.75
3.252	14.94	53.25	1.41	5.97	70.66	2.13	44.7
3.268	14.93	53.24	1.53	5.98	70.17	2.1	44.69
3.286	14.94	53.34	1.56	5.96	69.36	2.21	44.78
3.33	14.95	53.26	1.34	5.92	69.33	2.07	44.69

3.355	14.95	53.34	1.14	5.9	69.15	2.1	44.76
3.409	14.96	53.3	1.18	5.84	68.24	2.04	44.71
3.423	14.95	53.42	0.57	5.82	68.59	1.95	44.85
3.433	14.91	53.37	0.69	5.95	70.3	2.04	44.84
3.438	14.89	53.35	0.5	6.15	70.9	1.97	44.85
3.439	14.9	53.27	0.88	6.17	71.53	2.05	44.76
3.454	14.91	53.28	0.95	6.21	71.68	1.98	44.76
3.479	14.9	53.34	0.88	6.23	70.64	2.24	44.83
3.491	14.89	53.32	0.53	6.26	69.23	1.91	44.81
3.514	14.9	53.3	0.76	6.27	68.81	1.98	44.78
3.553	14.9	53.32	0.95	6.27	69.16	2.05	44.8
3.564	14.89	53.37	0.65	6.3	68.45	2.0	44.86
3.577	14.89	53.37	0.72	6.29	68.29	2.0	44.87
3.608	14.9	53.27	0.8	6.27	68.35	1.98	44.76
3.635	14.91	53.27	0.76	6.24	68.56	1.98	44.75
3.643	14.9	53.34	0.61	6.2	68.8	1.94	44.83
3.644	14.89	53.35	0.65	6.17	68.83	1.92	44.85
3.654	14.89	53.31	0.53	6.15	68.85	1.92	44.8
3.678	14.9	53.3	0.57	6.14	68.15	1.97	44.78
3.69	14.9	53.31	0.57	6.12	68.7	1.88	44.79
3.692	14.9	53.37	0.61	6.1	68.58	2.09	44.85
3.706	14.9	53.33	0.61	6.07	68.58	1.89	44.81
3.723	14.91	53.26	0.65	6.03	68.83	1.79	44.73
3.732	14.89	53.35	0.69	5.97	68.21	1.95	44.84
3.736	14.89	53.33	0.8	5.96	68.15	1.98	44.82
3.743	14.9	53.3	0.88	5.98	68.18	1.94	44.78
3.752	14.9	53.34	0.8	6.0	67.97	2.14	44.82
3.766	14.9	53.34	1.22	6.02	67.88	2.27	44.82
3.798	14.91	53.34	1.68	6.04	67.55	2.0	44.82
3.821	14.91	53.38	1.18	5.95	67.28	2.05	44.85
3.835	14.9	53.4	1.87	5.93	67.21	1.88	44.88
3.84	14.88	53.38	0.65	6.02	67.07	1.85	44.89
3.861	14.88	53.32	0.92	6.08	67.32	2.02	44.82
3.9	14.88	53.35	0.95	6.17	67.11	2.12	44.85
3.923	14.88	53.35	0.72	6.27	67.08	2.17	44.85
3.934	14.88	53.37	0.61	6.36	66.62	2.04	44.87
3.95	14.88	53.37	0.72	6.44	66.62	2.07	44.87
3.977	14.88	53.35	0.69	6.51	66.68	1.91	44.85
4.007	14.88	53.36	0.95	6.55	66.63	1.98	44.86
4.04	14.88	53.38	0.72	6.56	66.59	1.97	44.87
4.063	14.89	53.35	0.72	6.54	66.16	1.88	44.85
4.079	14.89	53.35	0.72	6.5	66.11	1.79	44.85
4.09	14.89	53.37	0.92	6.44	66.31	1.81	44.86
4.097	14.89	53.39	0.8	6.36	66.4	1.84	44.88
4.107	14.89	53.37	0.72	6.28	66.02	2.0	44.86
4.123	14.89	53.36	0.8	6.19	65.74	1.97	44.85
4.144	14.89	53.37	1.18	6.11	65.64	1.88	44.86
4.183	14.89	53.41	0.88	6.03	65.47	1.85	44.9
4.227	14.88	53.36	0.72	5.96	64.96	1.99	44.86
4.249	14.88	53.33	0.76	5.89	64.94	1.94	44.84
4.258	14.88	53.41	0.76	5.83	64.74	1.8	44.91
4.274	14.87	53.4	0.57	5.78	64.88	1.85	44.91
4.289	14.86	53.4	1.53	5.71	64.88	1.84	44.93
4.291	14.86	53.36	1.53	5.73	65.04	1.87	44.89
4.31	14.85	53.36	1.87	5.94	64.5	1.77	44.89



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.98	53.45	0.19	5.77	82.56	1.23	44.81
PROF (metros)	0.765	0.711	2.684	1.136	5.686	0.711	0.927
MÁXIMO	15.23	15.23	0.92	7.8	142.11	1.98	45.08
PROF (metros)	5.445	5.651	0.819	5.688	0.954	2.709	5.273

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	15.03	53.53	0.56	6.21	124.88	1.3	44.85
1 - 2m	15.1	53.67	0.58	6.37	115.82	1.33	44.91
2 - 3m	15.14	53.76	0.51	6.5	103.65	1.49	44.95
3 - 4m	15.15	53.83	0.53	6.29	99.63	1.52	44.99
4 - 5m	15.21	53.96	0.51	6.58	93.87	1.63	45.05
5 - 6m	15.23	54.01	0.52	7.62	84.91	1.59	45.08

OBSERVACIONES GENERALES

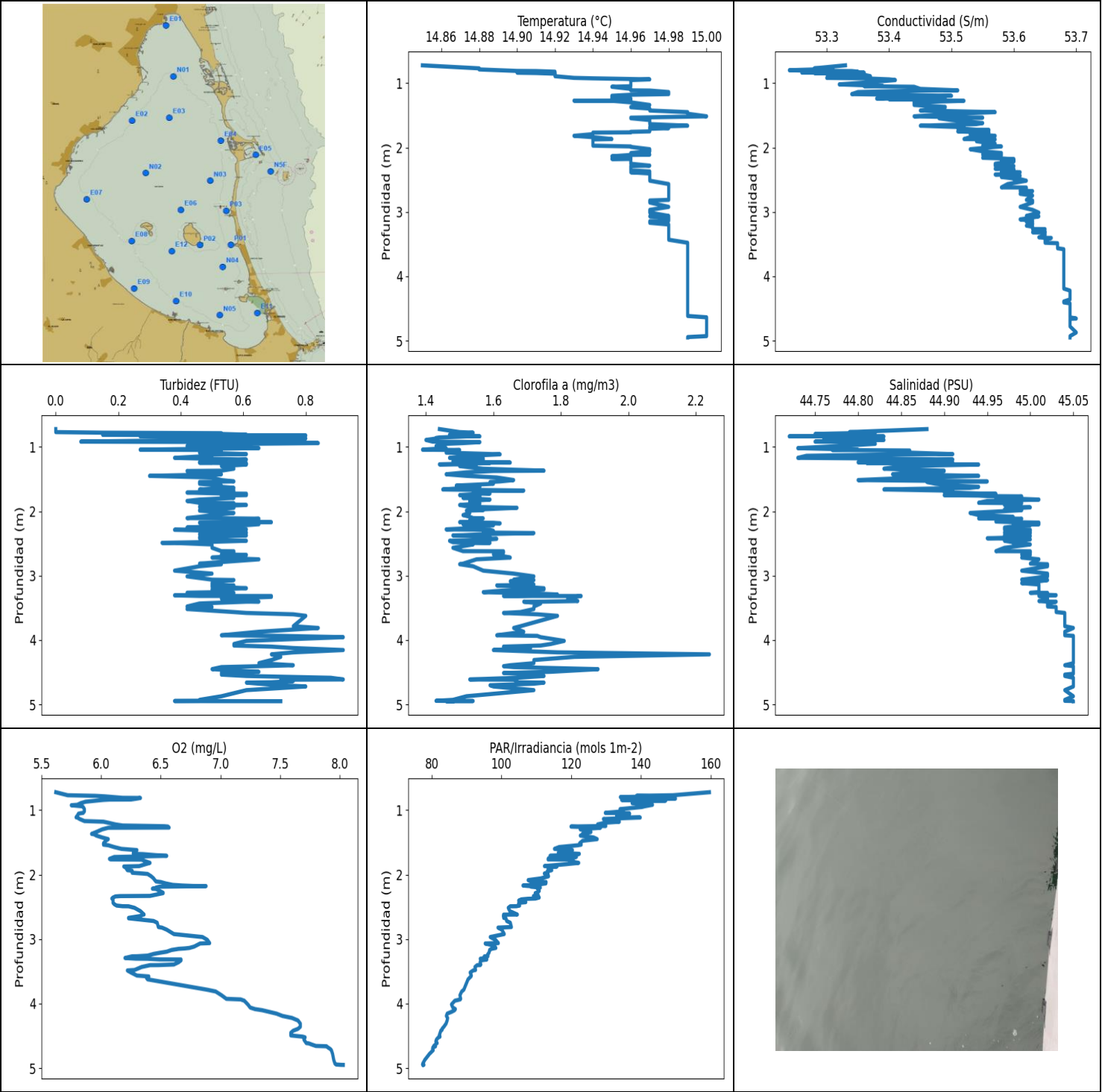
DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.711	14.99	53.45	0.53	6.54	121.73	1.23	44.82
0.765	14.98	53.56	0.76	6.34	120.19	1.24	44.94
0.793	14.99	53.47	0.61	6.27	127.74	1.27	44.84
0.806	15.01	53.5	0.53	6.19	126.65	1.26	44.85
0.819	15.01	53.55	0.92	6.14	117.57	1.5	44.9
0.823	15.03	53.53	0.46	6.13	126.09	1.25	44.85
0.833	15.04	53.55	0.72	6.15	127.42	1.27	44.87
0.891	15.05	53.54	0.23	6.18	115.81	1.31	44.84
0.927	15.06	53.52	0.27	6.18	122.86	1.27	44.81
0.954	15.06	53.54	0.61	6.16	142.11	1.3	44.83
0.975	15.07	53.59	0.69	6.12	130.56	1.32	44.87
0.991	15.08	53.55	0.42	6.07	119.8	1.32	44.81
1.016	15.1	53.6	0.3	6.01	113.84	1.37	44.84
1.053	15.14	53.72	0.65	5.82	131.5	1.25	44.9
1.072	15.15	53.79	0.5	5.78	128.9	1.27	44.96
1.136	15.16	53.63	0.46	5.77	119.69	1.3	44.81
1.145	15.04	53.69	0.61	5.82	122.04	1.3	45.0
1.176	15.07	53.63	0.42	5.89	123.66	1.29	44.9
1.223	15.09	53.58	0.61	6.03	123.84	1.3	44.83
1.236	15.05	53.71	0.46	6.57	125.02	1.29	45.0
1.276	15.07	53.75	0.46	6.71	122.75	1.29	45.02
1.332	15.1	53.58	0.53	6.82	124.84	1.26	44.83
1.361	15.07	53.66	0.61	6.89	113.63	1.29	44.94
1.367	15.07	53.67	0.42	6.87	122.86	1.32	44.94
1.391	15.05	53.64	0.27	6.8	115.92	1.3	44.94
1.411	15.07	53.6	0.46	6.77	118.91	1.3	44.88
1.448	15.07	53.64	0.57	6.74	120.58	1.42	44.91
1.476	15.06	53.63	0.61	6.71	117.43	1.37	44.91
1.488	15.06	53.64	0.61	6.66	114.74	1.27	44.93
1.494	15.06	53.64	0.46	6.62	115.7	1.34	44.92
1.5	15.06	53.63	0.61	6.58	117.19	1.3	44.91
1.524	15.07	53.67	0.57	6.53	114.77	1.37	44.94
1.549	15.08	53.64	0.69	6.49	118.64	1.47	44.9
1.653	15.09	53.64	0.92	6.25	113.42	1.34	44.89
1.68	15.1	53.63	0.84	6.24	115.87	1.35	44.87
1.71	15.11	53.69	0.8	6.25	114.5	1.31	44.91

1.721	15.12	53.73	0.65	6.25	111.26	1.34	44.94
1.733	15.13	53.64	0.76	6.26	112.66	1.43	44.84
1.739	15.14	53.66	0.53	6.27	115.81	1.31	44.84
1.742	15.12	53.66	0.27	6.29	110.72	1.33	44.87
1.744	15.12	53.66	0.46	6.29	113.26	1.27	44.87
1.759	15.12	53.74	0.61	6.29	114.9	1.34	44.94
1.783	15.12	53.7	0.72	6.29	111.08	1.32	44.91
1.807	15.12	53.64	0.8	6.29	109.14	1.28	44.84
1.827	15.12	53.71	0.84	6.28	111.93	1.31	44.91
1.863	15.11	53.66	0.76	6.29	111.44	1.25	44.88
1.882	15.12	53.68	0.61	6.32	106.84	1.29	44.9
1.888	15.11	53.68	0.46	6.4	111.03	1.39	44.91
1.895	15.11	53.69	0.69	6.45	111.91	1.35	44.91
1.919	15.11	53.7	0.72	6.49	108.94	1.42	44.92
1.938	15.11	53.77	0.53	6.49	109.77	1.3	44.98
1.946	15.12	53.71	0.5	6.42	107.58	1.42	44.92
1.968	15.14	53.65	0.53	6.38	108.13	1.35	44.85
1.999	15.14	53.73	0.53	6.31	107.93	1.36	44.92
2.029	15.13	53.76	0.5	6.27	108.66	1.39	44.95
2.056	15.14	53.68	0.5	6.27	106.59	1.43	44.87
2.078	15.14	53.73	0.72	6.31	104.12	1.42	44.92
2.152	15.14	53.72	0.72	6.47	108.43	1.45	44.91
2.184	15.14	53.67	0.61	6.58	107.53	1.36	44.86
2.199	15.13	53.77	0.65	6.67	106.0	1.39	44.96
2.203	15.13	53.76	0.57	6.74	107.09	1.4	44.96
2.211	15.13	53.72	0.5	6.76	108.28	1.45	44.92
2.232	15.14	53.73	0.38	6.75	105.39	1.47	44.91
2.267	15.15	53.75	0.57	6.72	103.07	1.59	44.93
2.287	15.15	53.7	0.42	6.67	105.56	1.44	44.88
2.295	15.15	53.79	0.3	6.61	106.44	1.45	44.96
2.31	15.14	53.77	0.46	6.54	104.78	1.46	44.96
2.322	15.15	53.7	0.38	6.48	102.85	1.4	44.88
2.334	15.15	53.77	0.5	6.44	104.17	1.53	44.94
2.345	15.13	53.78	0.42	6.41	104.92	1.45	44.98
2.351	15.13	53.73	0.57	6.4	104.78	1.4	44.93
2.368	15.14	53.78	0.3	6.42	103.14	1.5	44.96
2.396	15.14	53.75	0.53	6.46	102.42	1.53	44.93
2.411	15.14	53.72	0.57	6.53	104.08	1.44	44.9
2.437	15.13	53.81	0.5	6.62	104.22	1.45	45.01
2.475	15.13	53.76	0.76	6.69	103.47	1.46	44.96
2.509	15.14	53.73	0.57	6.74	102.97	1.54	44.92
2.533	15.13	53.78	0.57	6.79	103.43	1.44	44.98
2.55	15.11	53.8	0.38	6.82	104.17	1.36	45.01
2.574	15.12	53.79	0.42	6.84	102.88	1.49	44.99
2.606	15.12	53.74	0.38	6.84	102.14	1.53	44.95
2.631	15.13	53.77	0.53	6.83	102.4	1.43	44.97
2.646	15.12	53.79	0.38	6.81	103.55	1.48	45.0
2.658	15.12	53.78	0.42	6.79	103.69	1.5	44.99
2.672	15.12	53.76	0.38	6.77	103.4	1.51	44.97
2.684	15.12	53.76	0.19	6.74	102.26	1.5	44.96
2.69	15.13	53.78	0.42	6.69	101.48	1.44	44.97
2.692	15.13	53.77	0.53	6.63	101.41	1.44	44.96
2.695	15.14	53.79	0.46	6.56	103.43	1.46	44.97
2.709	15.14	53.8	0.38	6.48	103.86	1.98	44.98
2.731	15.15	53.8	0.61	6.39	101.9	1.85	44.97
2.75	15.16	53.76	0.5	6.3	100.66	1.55	44.92
2.762	15.16	53.77	0.57	6.22	100.5	1.56	44.93
2.778	15.15	53.83	0.42	6.14	101.43	1.51	44.99

2.806	15.15	53.76	0.69	6.07	102.71	1.57	44.93
2.831	15.16	53.75	0.61	6.02	102.02	1.46	44.91
2.846	15.16	53.79	0.57	5.98	100.64	1.55	44.96
2.858	15.15	53.82	0.46	5.98	99.75	1.57	44.99
2.89	15.15	53.81	0.69	6.02	100.64	1.53	44.98
2.937	15.16	53.77	0.5	6.08	102.24	1.43	44.93
2.987	15.16	53.81	0.72	6.14	102.21	1.43	44.97
3.024	15.15	53.81	0.42	6.2	100.31	1.43	44.98
3.037	15.15	53.77	0.5	6.26	99.62	1.37	44.94
3.04	15.15	53.81	0.57	6.29	101.43	1.45	44.97
3.053	15.15	53.84	0.38	6.3	104.2	1.41	45.01
3.08	15.16	53.78	0.42	6.3	103.52	1.43	44.94
3.106	15.16	53.78	0.57	6.28	100.12	1.5	44.93
3.127	15.16	53.82	0.42	6.27	99.34	1.51	44.98
3.136	15.16	53.79	0.42	6.28	100.71	1.39	44.95
3.14	15.16	53.79	0.38	6.32	102.14	1.5	44.95
3.159	15.16	53.85	0.61	6.34	102.61	1.6	45.0
3.2	15.16	53.8	0.57	6.37	102.0	1.54	44.95
3.225	15.15	53.81	0.53	6.52	102.12	1.47	44.98
3.228	15.15	53.83	0.61	6.58	101.57	1.4	44.99
3.249	15.14	53.83	0.5	6.67	100.31	1.53	45.01
3.25	15.15	53.83	0.3	6.39	99.48	1.57	45.0
3.257	15.15	53.83	0.5	6.32	100.29	1.56	45.0
3.268	15.14	53.84	0.53	6.09	99.75	1.57	45.02
3.288	15.14	53.82	0.65	6.04	101.69	1.5	45.01
3.291	15.13	53.85	0.57	5.97	99.02	1.42	45.04
3.301	15.14	53.83	0.76	6.0	101.41	1.43	45.01
3.324	15.13	53.85	0.53	6.29	100.54	1.57	45.04
3.352	15.14	53.82	0.34	6.34	101.32	1.63	45.01
3.398	15.14	53.8	0.46	6.4	100.5	1.57	44.97
3.425	15.13	53.84	0.46	6.49	98.08	1.46	45.03
3.435	15.13	53.84	0.57	6.49	99.68	1.59	45.03
3.457	15.14	53.8	0.8	6.48	100.1	1.63	44.98
3.473	15.14	53.82	0.84	6.45	98.97	1.54	45.0
3.478	15.14	53.84	0.57	6.43	97.36	1.5	45.02
3.479	15.13	53.84	0.53	6.39	97.56	1.66	45.02
3.484	15.14	53.82	0.92	6.36	98.6	1.69	45.01
3.494	15.14	53.82	0.61	6.35	99.27	1.53	45.0
3.512	15.14	53.84	0.61	6.34	99.36	1.51	45.02
3.538	15.14	53.83	0.72	6.33	98.08	1.56	45.0
3.569	15.15	53.83	0.65	6.31	97.97	1.46	45.0
3.623	15.15	53.85	0.61	6.29	98.08	1.52	45.01
3.681	15.16	53.82	0.38	6.26	98.13	1.56	44.98
3.728	15.17	53.83	0.46	6.23	98.49	1.46	44.98
3.767	15.16	53.85	0.53	6.19	98.1	1.42	45.0
3.796	15.16	53.84	0.38	6.16	97.92	1.5	44.99
3.825	15.16	53.84	0.23	6.14	98.24	1.55	44.99
3.864	15.17	53.86	0.42	6.14	97.9	1.57	45.01
3.903	15.17	53.84	0.34	6.14	97.47	1.59	44.98
3.924	15.18	53.83	0.57	6.16	96.75	1.45	44.96
3.93	15.18	53.86	0.5	6.18	97.2	1.45	44.99
3.946	15.18	53.88	0.42	6.2	97.76	1.5	45.01
3.984	15.18	53.86	0.5	6.22	97.81	1.69	44.99
4.019	15.17	53.88	0.38	6.32	96.55	1.54	45.02
4.041	15.18	53.86	0.46	6.33	97.51	1.63	44.99
4.08	15.18	53.86	0.61	6.35	97.4	1.53	44.99
4.083	15.19	53.88	0.42	6.35	96.23	1.56	45.0
4.098	15.19	53.89	0.42	6.33	97.2	1.56	45.01

4.143	15.19	53.89	0.38	6.32	96.93	1.53	45.01
4.162	15.2	53.94	0.53	6.18	95.24	1.6	45.05
4.198	15.2	53.91	0.61	6.14	96.3	1.57	45.01
4.232	15.21	53.95	0.42	6.19	95.83	1.47	45.04
4.255	15.21	53.95	0.65	6.26	95.99	1.69	45.04
4.266	15.22	53.96	0.42	6.51	94.95	1.75	45.05
4.278	15.22	53.96	0.38	6.52	95.72	1.69	45.05
4.288	15.22	53.95	0.42	6.52	96.39	1.68	45.04
4.291	15.22	53.96	0.65	6.51	95.61	1.71	45.04
4.296	15.22	53.97	0.57	6.49	94.6	1.63	45.05
4.304	15.22	53.97	0.72	6.46	94.64	1.78	45.05
4.318	15.22	53.97	0.84	6.43	94.9	1.82	45.05
4.335	15.22	53.97	0.76	6.41	95.24	1.68	45.05
4.358	15.22	53.97	0.69	6.38	95.48	1.77	45.06
4.379	15.22	53.97	0.5	6.37	95.12	1.88	45.05
4.387	15.22	53.97	0.53	6.35	94.12	1.73	45.05
4.391	15.22	53.98	0.38	6.35	94.49	1.59	45.06
4.409	15.22	53.98	0.76	6.35	95.24	1.6	45.06
4.437	15.22	53.98	0.76	6.35	94.9	1.49	45.06
4.453	15.22	53.98	0.61	6.38	94.29	1.5	45.06
4.455	15.22	53.99	0.5	6.41	93.64	1.59	45.07
4.472	15.22	53.99	0.53	6.44	93.62	1.94	45.07
4.508	15.22	53.99	0.53	6.47	93.64	1.71	45.07
4.56	15.22	53.99	0.57	6.5	93.23	1.62	45.07
4.612	15.22	53.99	0.46	6.55	93.01	1.59	45.07
4.657	15.22	53.99	0.3	6.58	92.3	1.56	45.07
4.691	15.22	53.99	0.53	6.62	92.52	1.51	45.07
4.704	15.22	53.99	0.5	6.66	92.52	1.54	45.07
4.723	15.22	53.99	0.65	6.71	92.02	1.68	45.07
4.76	15.22	53.99	0.23	6.76	91.56	1.63	45.07
4.792	15.22	53.99	0.57	6.83	91.34	1.56	45.07
4.808	15.22	53.99	0.34	6.89	91.39	1.68	45.07
4.819	15.22	53.99	0.38	6.95	91.22	1.66	45.07
4.834	15.22	53.99	0.38	7.03	91.11	1.59	45.07
4.86	15.22	53.99	0.34	7.09	90.69	1.63	45.07
4.898	15.22	54.0	0.34	7.16	90.29	1.63	45.07
4.937	15.22	54.0	0.38	7.23	89.96	1.51	45.07
4.959	15.22	54.0	0.46	7.29	90.04	1.61	45.07
4.966	15.22	54.0	0.46	7.36	89.94	1.66	45.07
4.984	15.22	54.0	0.38	7.44	89.36	1.66	45.07
5.021	15.22	54.0	0.5	7.49	88.59	1.66	45.07
5.057	15.22	54.0	0.42	7.53	88.53	1.74	45.07
5.086	15.22	54.0	0.42	7.55	88.74	1.69	45.07
5.122	15.22	54.0	0.53	7.57	88.35	1.65	45.07
5.173	15.22	54.0	0.42	7.57	87.57	1.66	45.07
5.22	15.22	54.0	0.42	7.56	87.35	1.72	45.07
5.249	15.22	54.0	0.5	7.54	86.88	1.63	45.07
5.273	15.22	54.0	0.34	7.53	86.44	1.66	45.08
5.326	15.22	54.0	0.38	7.51	85.98	1.66	45.08
5.396	15.22	54.01	0.42	7.5	85.39	1.53	45.08
5.445	15.23	54.01	0.42	7.5	85.31	1.59	45.08
5.455	15.23	54.01	0.3	7.51	84.74	1.53	45.08
5.487	15.23	54.01	0.42	7.53	84.46	1.53	45.08
5.544	15.23	54.01	0.46	7.55	83.92	1.75	45.08
5.587	15.23	54.0	0.42	7.58	84.27	1.55	45.07
5.589	15.23	54.01	0.5	7.64	83.84	1.55	45.08
5.603	15.23	54.01	0.53	7.67	83.43	1.63	45.08
5.621	15.23	54.01	0.3	7.69	83.45	1.55	45.08

5.628	15.23	54.01	0.5	7.7	83.74	1.48	45.08
5.637	15.23	54.01	0.5	7.72	83.26	1.5	45.08
5.651	15.23	54.02	0.5	7.73	82.99	1.66	45.08
5.665	15.23	54.02	0.69	7.72	82.97	1.75	45.08
5.675	15.23	54.01	0.8	7.73	82.99	1.53	45.07
5.679	15.23	54.01	0.65	7.73	83.18	1.45	45.07
5.683	15.23	54.01	0.88	7.75	82.79	1.41	45.08
5.685	15.23	54.02	0.92	7.76	82.81	1.39	45.08
5.686	15.23	54.02	0.69	7.77	82.56	1.5	45.08
5.688	15.23	54.02	0.69	7.8	82.95	1.56	45.08



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.85	53.24	0.0	5.62	77.36	1.39	44.72
PROF (metros)	0.722	0.798	0.722	0.722	4.943	1.042	0.835
MÁXIMO	15.0	15.0	0.92	8.03	159.58	2.24	45.05
PROF (metros)	1.514	4.655	3.954	4.949	0.722	4.221	3.811

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	14.92	53.33	0.5	6.0	140.67	1.48	44.79
1 - 2m	14.96	53.49	0.51	6.15	122.63	1.55	44.9
2 - 3m	14.97	53.59	0.52	6.38	106.52	1.56	44.99
3 - 4m	14.98	53.65	0.57	6.59	93.75	1.71	45.02
4 - 5m	14.99	53.69	0.65	7.7	81.93	1.68	45.05

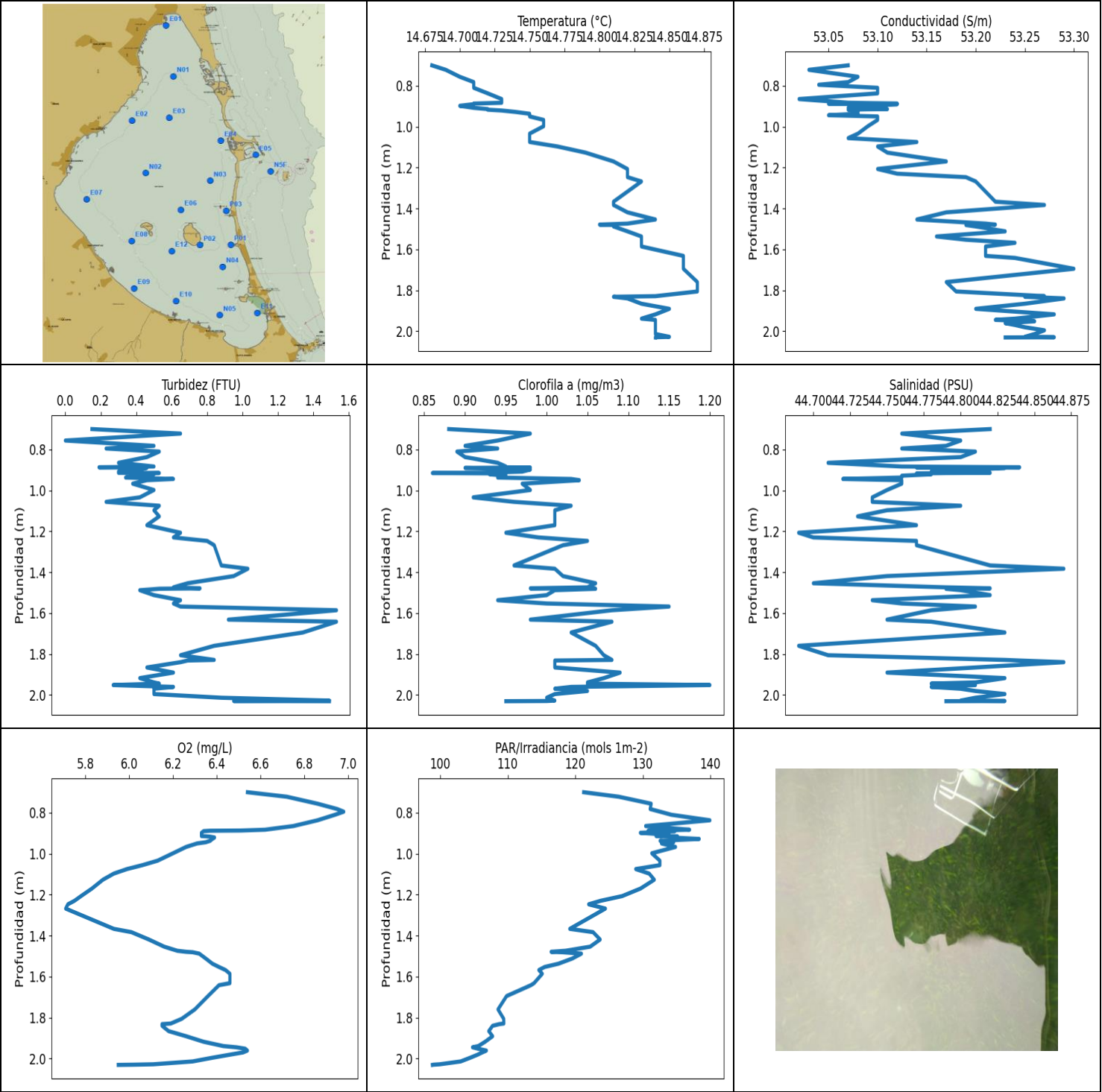
OBSERVACIONES GENERALES

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)
0.722	14.85	53.33	0.0	5.62	159.58	1.44	44.88
0.769	14.88	53.28	0.0	5.72	149.13	1.5	44.79
0.778	14.88	53.31	0.15	5.95	138.7	1.54	44.82
0.786	14.88	53.28	0.53	6.03	144.17	1.52	44.79
0.798	14.89	53.24	0.53	6.11	134.05	1.48	44.75
0.809	14.9	53.29	0.61	6.18	147.35	1.47	44.79
0.811	14.91	53.34	0.15	6.33	134.77	1.5	44.81
0.821	14.92	53.35	0.8	6.3	149.86	1.53	44.81
0.835	14.92	53.26	0.27	6.25	141.19	1.56	44.72
0.836	14.9	53.36	0.46	6.07	145.41	1.52	44.83
0.841	14.91	53.28	0.72	6.02	134.42	1.5	44.76
0.852	14.92	53.32	0.57	5.96	147.04	1.44	44.79
0.86	14.92	53.3	0.38	5.92	138.41	1.43	44.76
0.869	14.92	53.36	0.8	5.87	138.22	1.43	44.82
0.891	14.92	53.37	0.46	5.83	137.42	1.4	44.83
0.917	14.93	53.3	0.08	5.8	143.27	1.42	44.75
0.924	14.94	53.36	0.61	5.75	142.61	1.56	44.8
0.94	14.97	53.4	0.84	5.84	141.0	1.51	44.8
0.951	14.96	53.41	0.61	5.85	140.25	1.46	44.82
0.984	14.96	53.37	0.42	5.86	133.96	1.43	44.78
1.018	14.96	53.32	0.65	5.86	134.89	1.46	44.73
1.042	14.96	53.39	0.27	5.85	129.74	1.39	44.8
1.047	14.96	53.36	0.53	5.83	136.62	1.5	44.77
1.055	14.95	53.44	0.5	5.81	136.72	1.46	44.86
1.088	14.96	53.45	0.46	5.8	132.97	1.46	44.86
1.111	14.96	53.51	0.61	5.79	134.39	1.6	44.91
1.114	14.97	53.45	0.5	5.8	139.76	1.62	44.85
1.137	14.98	53.35	0.5	5.82	129.2	1.53	44.74
1.169	14.98	53.34	0.38	5.86	130.8	1.47	44.73
1.179	14.96	53.41	0.46	6.02	133.77	1.57	44.83
1.195	14.95	53.5	0.61	6.06	129.68	1.57	44.91
1.221	14.95	53.41	0.5	6.12	127.53	1.48	44.83
1.238	14.96	53.38	0.46	6.18	128.07	1.53	44.8
1.242	14.95	53.49	0.5	6.32	129.62	1.65	44.91
1.245	14.95	53.42	0.46	6.4	129.89	1.5	44.84
1.249	14.96	53.4	0.53	6.53	125.98	1.59	44.81
1.254	14.96	53.45	0.61	6.56	119.91	1.56	44.86

1.27	14.95	53.44	0.53	6.57	126.24	1.44	44.86
1.271	14.93	53.44	0.57	6.4	128.07	1.55	44.89
1.273	14.95	53.52	0.61	6.06	128.34	1.51	44.94
1.297	14.96	53.44	0.53	6.01	122.55	1.5	44.85
1.338	14.97	53.44	0.57	5.96	125.63	1.57	44.83
1.368	14.96	53.49	0.53	5.92	123.18	1.75	44.9
1.373	14.96	53.49	0.42	5.94	124.61	1.6	44.9
1.394	14.97	53.47	0.46	5.96	122.58	1.52	44.86
1.424	14.97	53.45	0.53	6.01	126.42	1.46	44.84
1.449	14.99	53.57	0.3	6.06	127.42	1.52	44.94
1.474	14.99	53.5	0.5	6.04	123.26	1.61	44.87
1.514	15.0	53.44	0.53	6.02	122.38	1.66	44.8
1.535	14.96	53.55	0.57	6.02	122.83	1.62	44.95
1.544	14.96	53.48	0.46	6.06	121.87	1.59	44.88
1.572	14.97	53.5	0.46	6.11	116.49	1.6	44.89
1.6	14.97	53.53	0.53	6.17	115.17	1.49	44.91
1.619	14.97	53.55	0.53	6.3	120.33	1.56	44.94
1.635	14.97	53.54	0.57	6.29	119.0	1.52	44.93
1.66	14.99	53.45	0.46	6.27	116.27	1.45	44.83
1.677	14.97	53.5	0.5	6.27	122.3	1.69	44.9
1.681	14.97	53.52	0.57	6.35	119.71	1.59	44.91
1.698	14.98	53.51	0.5	6.46	116.86	1.56	44.9
1.708	14.97	53.52	0.42	6.55	113.9	1.54	44.91
1.723	14.97	53.54	0.53	6.16	121.48	1.59	44.94
1.726	14.97	53.56	0.61	6.11	116.46	1.56	44.96
1.748	14.97	53.51	0.61	6.08	113.42	1.5	44.9
1.755	14.96	53.53	0.53	6.07	119.52	1.53	44.94
1.763	14.96	53.55	0.53	6.08	113.34	1.51	44.95
1.767	14.94	53.56	0.53	6.34	120.58	1.56	44.99
1.791	14.94	53.53	0.57	6.37	119.52	1.51	44.96
1.817	14.93	53.57	0.46	6.41	122.13	1.59	45.01
1.838	14.94	53.53	0.42	6.37	118.34	1.53	44.95
1.867	14.95	53.52	0.46	6.32	112.3	1.53	44.94
1.873	14.94	53.57	0.57	6.19	115.89	1.55	44.99
1.878	14.94	53.54	0.46	6.2	113.87	1.56	44.97
1.901	14.94	53.54	0.61	6.21	113.32	1.5	44.97
1.93	14.94	53.56	0.46	6.22	114.4	1.53	44.98
1.938	14.94	53.57	0.57	6.26	113.82	1.6	45.0
1.945	14.94	53.56	0.57	6.26	113.13	1.67	44.99
1.97	14.94	53.55	0.5	6.26	113.29	1.56	44.97
1.982	14.96	53.58	0.46	6.35	112.27	1.57	44.99
1.989	14.96	53.57	0.46	6.39	113.26	1.52	44.98
2.025	14.97	53.53	0.57	6.42	113.47	1.53	44.93
2.058	14.97	53.55	0.5	6.44	111.23	1.51	44.94
2.084	14.96	53.58	0.46	6.45	107.63	1.53	44.98
2.105	14.96	53.55	0.42	6.46	108.51	1.54	44.95
2.109	14.97	53.55	0.57	6.48	110.9	1.57	44.94
2.114	14.96	53.58	0.65	6.5	112.77	1.55	44.99
2.135	14.95	53.57	0.57	6.54	112.71	1.53	44.98
2.158	14.96	53.55	0.57	6.6	109.75	1.55	44.96
2.168	14.96	53.58	0.69	6.68	106.15	1.5	44.98
2.175	14.95	53.59	0.46	6.77	107.58	1.53	45.01
2.177	14.96	53.6	0.46	6.88	108.31	1.6	45.0
2.186	14.96	53.59	0.65	6.49	108.46	1.62	44.99
2.2	14.96	53.6	0.65	6.46	111.13	1.51	45.01
2.214	14.96	53.58	0.61	6.45	110.23	1.53	44.98
2.217	14.96	53.6	0.5	6.43	110.69	1.6	45.0
2.221	14.96	53.59	0.57	6.46	110.62	1.57	44.99

2.251	14.96	53.57	0.42	6.49	110.82	1.57	44.97
2.28	14.97	53.57	0.61	6.52	110.11	1.46	44.97
2.286	14.96	53.6	0.38	6.52	109.65	1.59	45.0
2.302	14.96	53.59	0.5	6.48	110.34	1.6	45.0
2.329	14.96	53.57	0.53	6.41	110.59	1.57	44.97
2.332	14.96	53.6	0.61	6.16	109.14	1.62	45.0
2.337	14.96	53.6	0.5	6.12	109.75	1.72	45.0
2.354	14.96	53.59	0.46	6.1	110.8	1.57	44.98
2.37	14.97	53.58	0.5	6.09	109.72	1.51	44.97
2.374	14.97	53.59	0.61	6.1	107.53	1.48	44.98
2.383	14.96	53.61	0.53	6.1	105.68	1.56	45.0
2.402	14.97	53.6	0.46	6.1	104.92	1.59	44.99
2.418	14.97	53.57	0.46	6.1	106.2	1.55	44.95
2.426	14.97	53.6	0.53	6.1	106.96	1.61	44.99
2.436	14.97	53.61	0.5	6.1	104.95	1.59	45.0
2.457	14.97	53.58	0.61	6.11	104.88	1.47	44.97
2.479	14.97	53.6	0.46	6.13	105.19	1.48	44.98
2.489	14.97	53.6	0.34	6.18	104.27	1.59	44.98
2.49	14.97	53.61	0.38	6.23	102.5	1.52	44.99
2.514	14.97	53.62	0.5	6.28	101.93	1.54	45.0
2.566	14.98	53.59	0.5	6.33	102.4	1.48	44.97
2.618	14.98	53.58	0.53	6.36	104.54	1.51	44.96
2.62	14.98	53.62	0.57	6.35	100.59	1.63	45.0
2.641	14.98	53.62	0.57	6.33	100.54	1.63	45.0
2.67	14.98	53.61	0.53	6.23	100.64	1.6	44.99
2.676	14.98	53.63	0.61	6.23	101.27	1.61	45.0
2.718	14.98	53.61	0.5	6.44	101.48	1.65	44.99
2.745	14.98	53.63	0.65	6.47	102.52	1.55	45.01
2.812	14.98	53.62	0.46	6.48	102.83	1.51	45.0
2.821	14.97	53.63	0.53	6.51	98.99	1.5	45.02
2.853	14.97	53.63	0.46	6.55	100.1	1.54	45.02
2.921	14.98	53.61	0.38	6.61	100.78	1.57	44.99
2.967	14.97	53.63	0.5	6.85	96.77	1.66	45.02
3.01	14.97	53.64	0.42	6.89	98.26	1.72	45.02
3.061	14.98	53.62	0.5	6.91	99.09	1.66	44.99
3.067	14.97	53.64	0.57	6.83	95.32	1.72	45.02
3.086	14.98	53.63	0.53	6.81	96.79	1.65	45.01
3.115	14.98	53.61	0.5	6.78	98.13	1.68	44.99
3.136	14.98	53.63	0.53	6.74	98.38	1.72	45.01
3.144	14.97	53.63	0.5	6.7	97.6	1.69	45.01
3.15	14.97	53.62	0.57	6.65	97.11	1.61	45.01
3.168	14.97	53.63	0.5	6.59	96.59	1.68	45.01
3.194	14.98	53.63	0.61	6.55	96.5	1.75	45.01
3.212	14.98	53.62	0.5	6.49	96.39	1.75	45.01
3.229	14.98	53.63	0.53	6.44	96.14	1.63	45.01
3.255	14.98	53.63	0.53	6.39	95.86	1.57	45.01
3.265	14.98	53.63	0.42	6.3	96.1	1.65	45.0
3.266	14.98	53.65	0.57	6.26	95.08	1.69	45.02
3.292	14.98	53.64	0.5	6.2	94.9	1.79	45.01
3.302	14.98	53.65	0.53	6.29	94.34	1.66	45.03
3.304	14.98	53.65	0.38	6.39	93.9	1.74	45.02
3.314	14.98	53.63	0.46	6.49	94.4	1.63	45.01
3.315	14.98	53.65	0.69	6.67	95.79	1.86	45.02
3.328	14.98	53.65	0.69	6.67	94.25	1.84	45.02
3.357	14.98	53.65	0.53	6.65	93.86	1.82	45.02
3.393	14.98	53.64	0.57	6.61	94.07	1.85	45.01
3.402	14.98	53.65	0.65	6.48	93.9	1.75	45.02
3.403	14.98	53.66	0.61	6.41	93.03	1.69	45.03

3.431	14.98	53.65	0.46	6.34	92.39	1.74	45.02
3.478	14.99	53.65	0.42	6.28	92.56	1.72	45.02
3.485	14.99	53.67	0.5	6.22	91.88	1.72	45.03
3.517	14.99	53.67	0.42	6.25	91.01	1.72	45.03
3.564	14.99	53.67	0.57	6.3	91.36	1.68	45.03
3.578	14.99	53.68	0.61	6.4	91.24	1.63	45.04
3.599	14.99	53.68	0.76	6.38	90.82	1.73	45.04
3.623	14.99	53.68	0.8	6.39	90.4	1.79	45.04
3.784	14.99	53.68	0.76	6.89	89.19	1.68	45.04
3.811	14.99	53.68	0.84	6.96	88.59	1.66	45.05
3.87	14.99	53.68	0.65	7.01	88.08	1.69	45.04
3.925	14.99	53.68	0.53	7.05	88.3	1.61	45.04
3.934	14.99	53.68	0.72	7.17	88.16	1.73	45.05
3.954	14.99	53.68	0.92	7.2	86.62	1.74	45.05
4.012	14.99	53.68	0.61	7.23	85.66	1.81	45.05
4.06	14.99	53.68	0.57	7.25	86.06	1.77	45.05
4.084	14.99	53.68	0.57	7.29	86.78	1.74	45.05
4.101	14.99	53.68	0.69	7.35	86.56	1.63	45.05
4.123	14.99	53.68	0.76	7.4	85.82	1.71	45.05
4.154	14.99	53.68	0.92	7.47	84.44	1.6	45.05
4.19	14.99	53.68	0.76	7.52	84.19	1.79	45.05
4.221	14.99	53.69	0.69	7.6	84.56	2.24	45.05
4.26	14.99	53.69	0.72	7.65	84.42	1.84	45.05
4.309	14.99	53.69	0.69	7.67	84.11	1.72	45.05
4.358	14.99	53.69	0.65	7.67	83.47	1.72	45.05
4.39	14.99	53.68	0.76	7.65	82.97	1.65	45.04
4.405	14.99	53.68	0.65	7.63	82.97	1.63	45.05
4.419	14.99	53.69	0.53	7.61	82.6	1.66	45.05
4.451	14.99	53.69	0.5	7.59	82.41	1.91	45.05
4.492	14.99	53.69	0.65	7.59	82.16	1.77	45.05
4.511	14.99	53.69	0.53	7.69	82.37	1.63	45.05
4.522	14.99	53.69	0.61	7.71	81.97	1.68	45.05
4.536	14.99	53.69	0.53	7.7	81.67	1.72	45.04
4.557	14.99	53.69	0.61	7.7	81.35	1.75	45.04
4.585	14.99	53.69	0.88	7.71	81.18	1.67	45.05
4.611	14.99	53.69	0.92	7.72	81.56	1.53	45.05
4.615	14.99	53.69	0.72	7.74	81.35	1.66	45.05
4.636	15.0	53.69	0.76	7.77	80.99	1.67	45.05
4.655	15.0	53.7	0.69	7.8	80.6	1.67	45.05
4.66	15.0	53.69	0.61	7.89	81.1	1.75	45.05
4.677	15.0	53.69	0.65	7.9	80.34	1.72	45.05
4.701	15.0	53.69	0.72	7.92	80.24	1.59	45.05
4.72	15.0	53.69	0.8	7.93	80.43	1.6	45.05
4.777	15.0	53.69	0.61	7.94	79.37	1.72	45.04
4.872	15.0	53.7	0.53	7.95	78.01	1.52	45.05
4.928	15.0	53.69	0.46	7.96	77.45	1.48	45.04
4.943	14.99	53.69	0.46	7.97	77.36	1.43	45.04
4.946	14.99	53.69	0.38	7.99	77.54	1.54	45.05
4.948	14.99	53.69	0.5	8.01	77.77	1.46	45.05
4.949	14.99	53.69	0.72	8.03	77.63	1.48	45.05



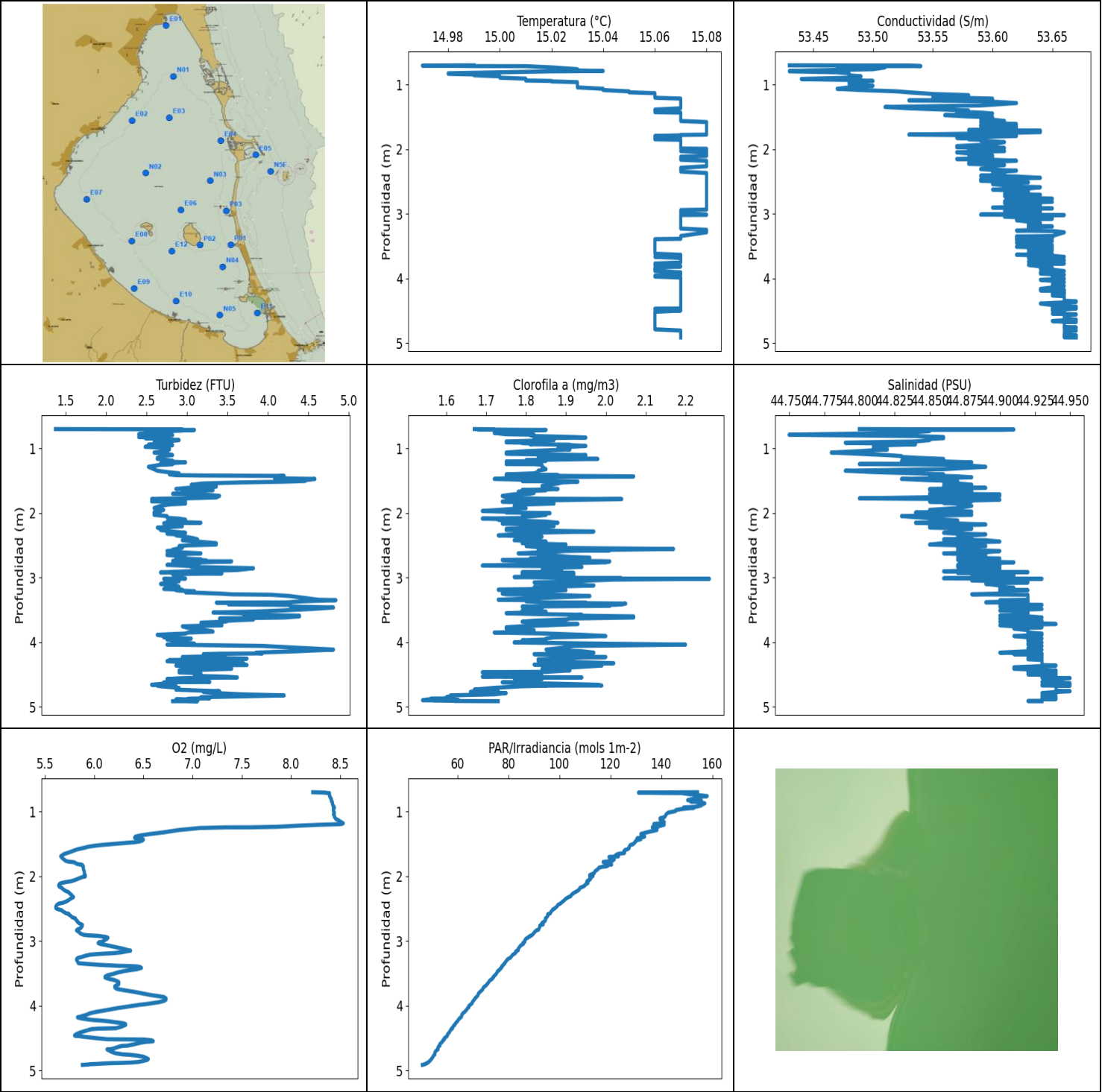
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.68	53.02	0.0	5.71	98.81	0.86	44.69
PROF (metros)	0.7	0.865	0.756	1.268	2.031	0.915	1.207
MÁXIMO	14.87	14.87	1.53	6.98	139.92	1.2	44.87
PROF (metros)	1.76	1.695	1.586	0.795	0.837	1.952	1.383

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	14.72	53.08	0.42	6.5	132.81	0.94	44.78
1 - 2m	14.82	53.2	0.68	6.21	116.29	1.03	44.78
2 - 3m	14.84	53.26	1.2	6.09	100.17	0.99	44.81

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	14.68	53.07	0.15	6.54	121.22	0.88	44.82
0.722	14.69	53.03	0.65	6.72	126.42	0.98	44.76
0.756	14.7	53.08	0.0	6.86	131.22	0.94	44.8
0.782	14.71	53.07	0.5	6.95	131.07	0.9	44.79
0.795	14.71	53.04	0.23	6.98	132.54	0.94	44.76
0.81	14.71	53.1	0.53	6.94	134.21	0.89	44.81
0.837	14.72	53.1	0.46	6.86	139.92	0.9	44.8
0.865	14.73	53.02	0.3	6.75	130.4	0.94	44.71
0.883	14.73	53.07	0.5	6.62	136.91	0.95	44.76
0.887	14.71	53.12	0.19	6.51	132.23	0.95	44.84
0.888	14.71	53.05	0.42	6.37	130.77	0.98	44.77
0.89	14.71	53.12	0.46	6.34	134.74	0.9	44.83
0.898	14.7	53.09	0.42	6.33	129.62	0.98	44.81
0.908	14.71	53.07	0.3	6.33	133.86	0.97	44.78
0.914	14.72	53.11	0.3	6.33	131.95	0.92	44.82
0.915	14.72	53.09	0.53	6.35	135.11	0.86	44.79
0.917	14.72	53.07	0.42	6.37	135.02	0.95	44.77
0.921	14.73	53.08	0.5	6.39	134.21	0.93	44.78
0.928	14.74	53.08	0.42	6.38	138.34	0.95	44.76
0.937	14.75	53.08	0.34	6.37	132.54	0.94	44.76
0.944	14.75	53.05	0.61	6.35	134.55	1.03	44.72
0.95	14.75	53.1	0.46	6.31	132.75	1.04	44.76
0.967	14.76	53.1	0.38	6.26	134.83	0.97	44.76
0.998	14.76	53.09	0.5	6.2	131.31	0.98	44.75
1.034	14.75	53.08	0.42	6.13	132.51	0.91	44.74
1.056	14.75	53.07	0.23	6.06	132.51	0.96	44.74
1.075	14.75	53.14	0.53	5.99	128.93	1.03	44.8
1.097	14.77	53.1	0.5	5.93	130.92	1.01	44.75
1.127	14.79	53.11	0.53	5.88	131.68	1.01	44.73
1.17	14.81	53.17	0.46	5.83	129.65	1.01	44.77
1.207	14.82	53.1	0.65	5.78	126.92	0.95	44.69
1.23	14.82	53.12	0.61	5.75	123.72	0.99	44.7
1.247	14.82	53.19	0.8	5.72	121.96	1.05	44.77
1.268	14.83	53.2	0.84	5.71	124.44	1.02	44.77
1.367	14.81	53.22	0.88	5.93	119.16	0.96	44.82
1.383	14.81	53.27	1.03	6.01	122.61	1.01	44.87
1.419	14.82	53.17	0.95	6.09	123.66	1.02	44.75
1.454	14.84	53.14	0.69	6.16	122.18	1.06	44.7
1.474	14.82	53.21	0.61	6.22	118.53	1.05	44.79

1.479	14.8	53.22	0.76	6.26	116.4	0.98	44.82
1.481	14.81	53.19	0.53	6.29	118.09	1.06	44.79
1.488	14.81	53.2	0.42	6.32	120.89	1.01	44.8
1.512	14.82	53.23	0.5	6.35	119.52	1.0	44.82
1.537	14.83	53.16	0.65	6.38	117.49	0.94	44.74
1.553	14.83	53.19	0.61	6.41	115.44	1.0	44.76
1.568	14.83	53.24	0.65	6.44	114.58	1.15	44.81
1.586	14.83	53.21	1.53	6.46	115.09	1.08	44.78
1.632	14.86	53.21	0.92	6.46	113.87	0.98	44.75
1.642	14.86	53.24	1.53	6.41	113.4	1.08	44.78
1.695	14.86	53.3	1.34	6.36	109.8	1.03	44.83
1.76	14.87	53.17	0.84	6.3	108.53	1.06	44.69
1.806	14.87	53.18	0.65	6.24	109.37	1.07	44.71
1.829	14.84	53.27	0.84	6.19	109.39	1.08	44.83
1.832	14.81	53.25	0.69	6.15	108.71	1.01	44.84
1.84	14.82	53.29	0.65	6.15	107.73	1.01	44.87
1.866	14.83	53.25	0.46	6.18	107.16	1.01	44.81
1.891	14.85	53.2	0.61	6.26	107.73	1.09	44.75
1.918	14.84	53.28	0.42	6.34	106.62	1.07	44.83
1.939	14.83	53.24	0.5	6.43	105.61	1.05	44.81
1.945	14.84	53.22	0.53	6.49	104.75	1.05	44.78
1.952	14.84	53.26	0.27	6.53	105.58	1.2	44.81
1.961	14.84	53.23	0.61	6.54	106.81	1.03	44.78
1.97	14.84	53.24	0.5	6.52	106.2	1.01	44.8
1.981	14.84	53.25	0.5	6.46	105.51	1.05	44.81
1.996	14.84	53.27	0.5	6.38	104.41	1.01	44.83
2.014	14.84	53.26	0.88	6.29	103.0	1.0	44.81
2.028	14.85	53.25	1.49	6.11	99.89	1.01	44.8
2.03	14.84	53.28	0.95	6.02	98.97	1.0	44.83
2.031	14.84	53.23	1.49	5.95	98.81	0.95	44.79



VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE							
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	14.97	53.43	1.37	5.61	46.3	1.54	44.75
PROF (metros)	0.707	0.703	0.703	2.469	4.915	4.9	0.79
MÁXIMO	15.08	15.08	4.85	8.53	157.99	2.26	44.95
PROF (metros)	1.581	4.356	3.352	1.183	0.763	3.021	4.559

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	15.01	53.48	2.63	8.4	150.73	1.82	44.83
1 - 2m	15.07	53.58	3.01	6.56	127.41	1.82	44.85
2 - 3m	15.08	53.61	2.94	5.8	98.85	1.84	44.88
3 - 4m	15.07	53.64	3.41	6.25	76.06	1.87	44.91
4 - 5m	15.07	53.66	3.2	6.17	54.74	1.79	44.93

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)
0.703	14.99	53.43	1.37	8.22	154.16	1.67	44.8
0.707	14.97	53.5	2.94	8.32	139.54	1.72	44.89
0.709	14.98	53.53	2.48	8.35	131.01	1.68	44.91
0.715	14.99	53.54	2.86	8.36	141.1	1.8	44.9
0.716	15.01	53.47	3.09	8.39	147.96	1.85	44.82
0.735	15.02	53.51	2.78	8.39	151.4	1.75	44.85
0.763	15.03	53.5	2.52	8.39	157.99	1.72	44.83
0.783	15.03	53.45	2.4	8.4	153.16	1.75	44.77
0.79	15.04	53.43	2.71	8.4	153.52	1.82	44.75
0.796	15.02	53.43	2.82	8.4	154.44	1.81	44.77
0.811	15.0	53.47	2.44	8.41	151.71	1.82	44.84
0.826	14.98	53.48	2.4	8.41	150.31	1.92	44.86
0.835	14.98	53.48	2.71	8.41	155.74	1.95	44.86
0.844	14.99	53.48	2.48	8.41	151.4	1.82	44.86
0.857	14.99	53.48	2.71	8.42	154.34	1.82	44.85
0.874	15.0	53.49	2.9	8.42	157.04	1.87	44.85
0.895	15.0	53.48	2.75	8.42	155.92	1.75	44.84
0.909	15.01	53.45	2.59	8.43	155.56	1.75	44.8
0.914	15.01	53.44	2.71	8.43	154.91	1.81	44.79
0.92	15.01	53.45	2.67	8.43	154.48	1.79	44.8
0.929	15.01	53.48	2.75	8.43	153.13	1.82	44.83
0.938	15.01	53.49	2.63	8.44	148.72	1.81	44.84
0.945	15.02	53.5	2.52	8.44	152.74	1.91	44.83
0.952	15.02	53.49	2.82	8.43	150.56	1.91	44.82
0.964	15.03	53.49	2.75	8.43	147.76	1.95	44.82
0.978	15.03	53.48	2.48	8.43	145.72	1.91	44.81
0.995	15.03	53.48	2.78	8.43	145.51	1.88	44.81
1.019	15.03	53.5	2.78	8.44	142.64	1.91	44.82
1.045	15.03	53.48	2.71	8.43	141.85	1.8	44.8
1.066	15.04	53.47	2.59	8.44	141.62	1.75	44.78
1.086	15.04	53.49	2.75	8.44	141.29	1.75	44.8
1.106	15.05	53.52	2.82	8.45	139.47	1.95	44.82
1.121	15.05	53.53	2.67	8.46	139.47	1.92	44.83
1.134	15.06	53.54	2.67	8.48	140.61	1.94	44.83
1.147	15.06	53.55	2.63	8.49	140.44	1.83	44.84
1.165	15.06	53.58	2.63	8.51	141.16	1.98	44.86
1.183	15.06	53.58	2.75	8.53	139.6	1.8	44.86

1.194	15.06	53.56	2.82	8.51	137.04	1.85	44.84
1.199	15.06	53.55	2.71	8.44	139.54	1.82	44.83
1.205	15.06	53.57	2.75	8.3	141.1	1.75	44.86
1.218	15.07	53.6	2.98	8.1	139.96	1.8	44.88
1.237	15.07	53.6	2.67	7.86	138.28	1.77	44.87
1.245	15.07	53.53	2.67	7.59	136.43	1.75	44.8
1.246	15.07	53.53	2.82	7.33	137.54	1.82	44.81
1.256	15.07	53.59	2.67	7.07	138.28	1.84	44.87
1.287	15.07	53.62	2.52	6.86	138.25	1.84	44.89
1.324	15.07	53.59	2.59	6.7	134.14	1.85	44.86
1.348	15.07	53.51	2.63	6.57	131.95	1.83	44.79
1.368	15.07	53.53	2.75	6.48	132.32	1.83	44.81
1.388	15.06	53.56	2.9	6.42	133.46	1.82	44.84
1.405	15.06	53.58	2.78	6.41	131.59	1.75	44.86
1.416	15.06	53.57	2.86	6.43	130.46	1.88	44.85
1.422	15.06	53.57	3.2	6.46	131.19	1.75	44.85
1.428	15.06	53.58	4.2	6.49	131.99	1.89	44.86
1.435	15.07	53.59	4.12	6.5	131.28	2.07	44.87
1.449	15.07	53.6	4.12	6.49	130.16	1.85	44.88
1.464	15.07	53.58	4.08	6.46	129.74	1.75	44.86
1.475	15.07	53.56	4.58	6.41	129.77	1.72	44.83
1.495	15.07	53.58	4.46	6.25	129.14	1.84	44.85
1.506	15.07	53.6	4.46	6.16	128.96	1.79	44.87
1.517	15.07	53.59	4.2	6.08	127.89	1.93	44.86
1.529	15.07	53.59	3.66	6.01	127.62	1.89	44.86
1.545	15.07	53.6	3.2	5.94	127.42	1.88	44.87
1.565	15.07	53.61	3.05	5.89	127.36	1.86	44.88
1.581	15.08	53.59	3.36	5.84	126.92	1.84	44.86
1.595	15.08	53.6	3.36	5.81	125.74	1.84	44.86
1.613	15.08	53.62	3.01	5.78	125.31	1.84	44.89
1.63	15.08	53.59	2.86	5.75	125.6	1.88	44.85
1.64	15.08	53.59	3.2	5.73	125.57	1.84	44.86
1.645	15.08	53.59	2.94	5.72	125.16	1.79	44.85
1.65	15.08	53.61	3.32	5.71	123.92	1.85	44.87
1.66	15.08	53.62	3.05	5.69	122.81	1.82	44.88
1.674	15.08	53.61	3.09	5.68	122.1	1.78	44.88
1.692	15.08	53.61	3.17	5.66	123.21	1.82	44.88
1.705	15.08	53.58	2.82	5.67	119.44	1.81	44.85
1.713	15.08	53.64	3.17	5.67	120.22	1.77	44.9
1.737	15.08	53.64	3.4	5.69	121.56	1.74	44.9
1.762	15.08	53.58	3.36	5.71	120.89	1.75	44.84
1.776	15.08	53.53	2.94	5.74	118.31	1.8	44.8
1.781	15.07	53.56	2.67	5.78	117.16	1.85	44.83
1.787	15.07	53.6	2.56	5.8	118.67	2.04	44.88
1.797	15.06	53.62	2.63	5.81	120.13	1.94	44.9
1.813	15.07	53.59	2.9	5.83	119.49	1.79	44.87
1.822	15.06	53.59	2.56	5.87	120.47	1.75	44.88
1.824	15.06	53.58	2.98	5.87	118.8	1.79	44.86
1.826	15.06	53.57	2.9	5.88	118.03	1.74	44.85
1.833	15.06	53.58	2.75	5.88	118.53	1.85	44.86
1.841	15.06	53.59	2.78	5.88	118.91	1.79	44.87
1.848	15.06	53.58	2.86	5.89	118.34	1.82	44.86
1.856	15.07	53.59	2.98	5.89	116.7	1.87	44.87
1.869	15.07	53.59	2.78	5.89	115.54	1.8	44.87
1.892	15.07	53.61	2.67	5.89	115.09	1.77	44.88
1.926	15.07	53.6	2.59	5.9	113.95	1.8	44.87
1.954	15.07	53.57	2.71	5.9	113.66	1.73	44.85
1.971	15.07	53.57	2.63	5.9	112.66	1.69	44.85

1.983	15.07	53.61	2.67	5.91	111.88	1.75	44.88
1.991	15.07	53.59	2.59	5.91	112.19	1.78	44.85
1.995	15.08	53.58	2.59	5.91	112.64	1.75	44.84
1.998	15.08	53.59	2.59	5.91	113.21	1.79	44.86
2.005	15.08	53.59	2.59	5.91	112.58	1.86	44.86
2.009	15.08	53.58	2.63	5.89	111.96	1.82	44.85
2.014	15.08	53.58	2.63	5.88	111.93	1.79	44.85
2.031	15.07	53.61	2.59	5.85	112.43	1.85	44.88
2.05	15.08	53.57	2.75	5.82	112.09	1.82	44.83
2.067	15.08	53.58	2.75	5.79	111.18	1.79	44.84
2.08	15.08	53.58	2.78	5.76	110.82	1.79	44.85
2.089	15.08	53.58	2.9	5.72	110.72	1.69	44.85
2.098	15.08	53.6	2.94	5.69	111.21	1.75	44.86
2.105	15.08	53.59	2.98	5.67	111.23	1.73	44.86
2.117	15.07	53.6	2.94	5.65	110.75	1.75	44.87
2.136	15.07	53.6	2.75	5.64	110.05	1.85	44.87
2.153	15.07	53.57	3.17	5.64	109.77	1.88	44.84
2.161	15.07	53.59	2.71	5.65	109.24	1.83	44.85
2.165	15.07	53.6	2.78	5.65	109.04	1.74	44.87
2.181	15.08	53.62	2.82	5.67	108.06	1.87	44.89
2.208	15.08	53.58	2.94	5.69	107.76	1.87	44.85
2.228	15.08	53.58	2.63	5.71	107.06	1.81	44.85
2.246	15.08	53.61	2.67	5.74	106.27	1.75	44.88
2.266	15.08	53.6	2.67	5.75	105.39	1.75	44.87
2.289	15.07	53.6	2.82	5.77	104.75	1.97	44.87
2.309	15.07	53.59	2.98	5.78	104.46	1.8	44.86
2.322	15.07	53.6	2.75	5.79	103.67	1.82	44.87
2.333	15.07	53.62	2.86	5.78	103.24	1.77	44.89
2.348	15.07	53.61	2.86	5.76	102.5	1.73	44.88
2.37	15.08	53.6	2.98	5.74	102.02	1.84	44.87
2.396	15.08	53.61	3.09	5.71	101.2	1.8	44.88
2.412	15.08	53.59	3.13	5.68	100.68	1.79	44.86
2.424	15.08	53.62	2.94	5.64	100.33	1.77	44.89
2.445	15.08	53.64	3.13	5.62	99.41	1.85	44.9
2.469	15.08	53.59	3.36	5.61	99.02	1.79	44.86
2.491	15.08	53.59	3.36	5.61	98.4	1.9	44.85
2.503	15.08	53.61	3.01	5.62	98.04	1.83	44.87
2.514	15.08	53.63	2.9	5.64	97.4	1.8	44.89
2.526	15.08	53.61	2.94	5.67	97.26	1.82	44.87
2.542	15.08	53.6	2.94	5.68	96.88	1.86	44.87
2.559	15.08	53.61	2.86	5.7	96.64	2.17	44.87
2.572	15.08	53.61	2.82	5.71	96.48	2.01	44.87
2.578	15.08	53.61	2.86	5.73	96.28	1.83	44.87
2.579	15.08	53.62	2.86	5.74	96.01	2.01	44.88
2.59	15.08	53.64	2.75	5.74	95.41	1.9	44.9
2.61	15.08	53.63	2.9	5.76	95.5	1.84	44.89
2.627	15.08	53.6	3.17	5.77	95.21	1.78	44.86
2.636	15.08	53.61	3.01	5.78	95.02	1.83	44.87
2.643	15.08	53.63	2.75	5.79	94.84	1.83	44.89
2.653	15.08	53.63	2.75	5.81	94.49	1.83	44.88
2.665	15.08	53.62	2.9	5.81	94.55	1.88	44.88
2.682	15.08	53.63	2.86	5.82	94.55	1.91	44.89
2.694	15.08	53.61	2.98	5.83	94.34	1.96	44.87
2.706	15.08	53.64	2.86	5.83	93.81	1.81	44.9
2.718	15.08	53.63	3.17	5.84	93.36	1.89	44.89
2.729	15.08	53.61	3.13	5.85	93.12	1.74	44.87
2.739	15.08	53.62	3.24	5.86	93.46	1.81	44.88
2.745	15.08	53.63	2.82	5.87	93.66	1.95	44.89

2.748	15.08	53.63	2.86	5.87	93.27	1.99	44.89
2.751	15.08	53.62	3.55	5.88	93.01	2.01	44.88
2.766	15.08	53.65	3.17	5.88	92.3	2.0	44.91
2.79	15.08	53.62	3.13	5.87	92.26	1.82	44.88
2.806	15.08	53.61	2.75	5.86	92.09	1.75	44.87
2.816	15.08	53.65	2.94	5.84	91.96	1.69	44.9
2.826	15.08	53.63	3.05	5.83	91.83	1.87	44.9
2.837	15.08	53.61	3.05	5.82	91.03	1.94	44.87
2.857	15.08	53.64	3.82	5.84	90.46	1.86	44.9
2.885	15.08	53.64	3.62	5.86	89.85	1.84	44.9
2.905	15.08	53.6	3.01	5.89	89.44	1.89	44.86
2.915	15.08	53.64	2.78	5.94	89.09	1.85	44.9
2.918	15.08	53.65	2.86	5.99	88.98	1.79	44.92
2.923	15.08	53.61	2.67	6.04	88.49	1.82	44.88
2.931	15.08	53.61	3.17	6.08	88.47	1.92	44.87
2.937	15.08	53.63	3.43	6.11	88.14	1.83	44.9
2.944	15.07	53.64	3.05	6.13	87.75	1.79	44.91
2.952	15.07	53.61	2.82	6.14	87.63	1.8	44.88
2.968	15.07	53.64	2.94	6.13	86.86	1.92	44.91
2.994	15.07	53.64	2.86	6.1	86.42	1.77	44.91
3.014	15.08	53.59	2.94	6.08	86.44	2.04	44.86
3.018	15.08	53.63	2.98	6.06	86.38	1.96	44.89
3.021	15.07	53.66	2.71	6.05	86.08	2.26	44.93
3.033	15.07	53.63	2.78	6.04	85.68	2.02	44.9
3.047	15.07	53.61	2.82	6.06	85.88	1.96	44.88
3.059	15.07	53.63	2.9	6.1	85.33	1.92	44.9
3.077	15.07	53.65	2.75	6.16	84.68	1.82	44.92
3.1	15.07	53.62	2.67	6.23	84.3	1.87	44.89
3.124	15.07	53.63	2.86	6.3	83.82	1.97	44.9
3.145	15.07	53.64	2.9	6.35	83.88	1.85	44.9
3.151	15.07	53.63	2.75	6.37	83.47	1.82	44.9
3.161	15.07	53.64	2.75	6.33	82.91	1.83	44.91
3.178	15.07	53.63	2.71	6.27	82.99	1.83	44.9
3.19	15.07	53.63	2.94	6.19	82.62	1.73	44.9
3.197	15.07	53.65	2.86	6.1	82.49	1.9	44.92
3.204	15.07	53.63	2.9	6.03	82.14	1.88	44.9
3.213	15.07	53.63	3.09	5.96	81.76	1.79	44.9
3.23	15.07	53.64	2.98	5.91	81.4	1.75	44.9
3.25	15.08	53.64	3.4	5.87	81.03	1.74	44.9
3.261	15.08	53.62	3.55	5.84	80.8	1.75	44.88
3.268	15.08	53.65	4.04	5.83	80.34	1.86	44.92
3.288	15.08	53.66	4.27	5.82	79.6	1.96	44.92
3.345	15.07	53.65	4.62	5.84	78.53	1.73	44.92
3.352	15.07	53.62	4.84	5.89	78.51	1.81	44.9
3.37	15.07	53.65	4.42	6.05	77.97	1.8	44.92
3.386	15.07	53.62	4.23	6.26	77.77	1.84	44.89
3.389	15.07	53.65	3.36	6.36	77.75	1.95	44.92
3.394	15.06	53.64	3.89	6.43	77.38	1.88	44.92
3.405	15.06	53.62	3.59	6.47	77.34	2.05	44.9
3.417	15.06	53.63	3.51	6.48	77.27	2.04	44.91
3.426	15.06	53.65	4.27	6.46	77.0	2.01	44.93
3.439	15.06	53.63	4.27	6.43	76.61	2.01	44.91
3.451	15.06	53.62	4.31	6.37	76.47	1.79	44.9
3.465	15.06	53.64	4.81	6.31	75.83	1.83	44.92
3.488	15.06	53.65	4.54	6.24	75.55	1.84	44.93
3.512	15.06	53.62	4.16	6.19	75.22	1.79	44.9
3.529	15.06	53.65	3.82	6.14	74.73	1.85	44.92
3.543	15.06	53.64	3.32	6.12	74.47	1.8	44.92

3.554	15.06	53.63	3.66	6.11	74.08	1.75	44.91
3.566	15.06	53.65	3.93	6.11	74.09	1.82	44.92
3.578	15.06	53.64	3.7	6.13	73.72	1.94	44.92
3.591	15.06	53.63	4.39	6.16	73.58	1.92	44.9
3.603	15.06	53.64	4.39	6.2	73.05	2.07	44.92
3.62	15.06	53.65	4.2	6.23	72.56	2.07	44.93
3.636	15.07	53.62	3.4	6.25	72.3	1.91	44.9
3.651	15.07	53.65	3.82	6.25	72.06	1.9	44.92
3.669	15.06	53.66	3.51	6.25	71.63	1.82	44.93
3.685	15.07	53.63	3.47	6.23	71.35	1.79	44.9
3.7	15.07	53.64	3.17	6.21	70.87	1.82	44.92
3.721	15.07	53.66	3.17	6.21	70.18	1.93	44.94
3.741	15.07	53.63	3.43	6.23	70.04	1.85	44.9
3.756	15.07	53.64	2.94	6.28	69.78	1.79	44.91
3.771	15.06	53.66	2.98	6.34	69.37	1.75	44.93
3.791	15.06	53.63	3.05	6.42	68.78	1.75	44.91
3.817	15.07	53.64	3.24	6.51	68.23	1.82	44.92
3.838	15.06	53.65	3.32	6.58	68.13	1.81	44.92
3.853	15.06	53.64	3.01	6.65	67.82	1.72	44.92
3.868	15.06	53.65	2.98	6.71	67.46	1.85	44.93
3.888	15.06	53.66	2.63	6.73	66.9	1.94	44.93
3.907	15.07	53.64	2.71	6.73	66.69	2.0	44.91
3.927	15.07	53.64	2.71	6.71	66.22	1.87	44.92
3.946	15.07	53.66	3.05	6.66	65.9	1.85	44.93
3.96	15.06	53.65	2.75	6.6	65.86	1.85	44.92
3.974	15.06	53.65	2.82	6.54	65.48	1.79	44.92
3.988	15.07	53.65	2.98	6.46	65.04	1.82	44.92
4.006	15.07	53.66	2.94	6.38	64.49	1.77	44.93
4.024	15.07	53.64	3.09	6.3	64.53	1.98	44.92
4.04	15.07	53.65	2.75	6.23	63.97	2.2	44.92
4.06	15.07	53.66	3.93	6.16	63.7	1.92	44.93
4.097	15.07	53.65	4.5	6.02	62.88	1.88	44.92
4.117	15.07	53.66	4.81	5.96	62.21	1.85	44.93
4.143	15.07	53.65	4.35	5.92	61.73	1.94	44.92
4.164	15.07	53.64	3.85	5.87	61.7	1.97	44.9
4.176	15.07	53.66	3.93	5.85	61.54	1.9	44.93
4.181	15.07	53.66	3.4	5.83	61.41	1.9	44.93
4.187	15.07	53.64	3.2	5.84	61.18	1.82	44.91
4.198	15.07	53.66	3.47	5.87	60.8	1.86	44.93
4.212	15.07	53.66	3.32	5.93	60.54	1.87	44.93
4.224	15.07	53.65	3.2	6.0	60.37	1.92	44.92
4.232	15.07	53.66	2.94	6.08	60.17	2.0	44.93
4.243	15.07	53.66	3.2	6.15	60.03	1.88	44.93
4.256	15.07	53.65	3.74	6.21	59.66	1.92	44.92
4.267	15.07	53.65	3.55	6.27	59.41	1.83	44.92
4.278	15.07	53.66	2.78	6.31	59.19	1.86	44.93
4.287	15.07	53.66	2.78	6.32	59.11	1.83	44.93
4.297	15.07	53.66	2.75	6.32	59.04	1.9	44.93
4.31	15.07	53.66	2.98	6.3	58.56	1.93	44.93
4.328	15.07	53.66	3.7	6.27	58.3	2.02	44.93
4.349	15.07	53.66	3.4	6.22	57.89	1.82	44.93
4.356	15.07	53.67	3.74	6.03	58.05	1.92	44.93
4.364	15.07	53.67	2.86	5.97	57.54	1.99	44.94
4.391	15.07	53.64	3.05	5.91	57.14	1.92	44.91
4.414	15.07	53.65	3.55	5.86	56.85	1.84	44.91
4.439	15.07	53.67	2.9	5.82	56.23	1.91	44.94
4.461	15.07	53.65	2.94	5.8	56.13	1.85	44.92
4.468	15.07	53.65	3.09	5.81	56.04	1.69	44.92

4.47	15.06	53.67	2.9	5.84	55.9	1.79	44.94
4.482	15.06	53.66	3.17	5.9	55.66	1.84	44.94
4.499	15.07	53.65	3.09	6.0	55.02	1.8	44.92
4.519	15.06	53.66	3.09	6.13	54.68	1.82	44.94
4.524	15.06	53.66	3.09	6.51	54.88	1.74	44.94
4.535	15.06	53.66	3.47	6.58	54.4	1.69	44.94
4.548	15.06	53.65	3.62	6.6	54.25	1.94	44.93
4.554	15.06	53.66	3.24	6.59	54.22	1.79	44.93
4.559	15.06	53.67	2.94	6.53	54.01	1.77	44.95
4.573	15.06	53.66	2.75	6.47	53.7	1.84	44.94
4.599	15.06	53.66	3.2	6.4	53.06	1.79	44.94
4.618	15.06	53.66	3.28	6.34	53.22	1.8	44.93
4.623	15.06	53.66	2.71	6.28	52.95	1.74	44.94
4.64	15.06	53.67	2.75	6.24	52.46	1.84	44.95
4.661	15.06	53.65	2.56	6.2	52.35	1.98	44.93
4.673	15.06	53.66	2.86	6.17	52.41	1.99	44.93
4.675	15.06	53.67	2.78	6.15	52.32	1.83	44.95
4.676	15.06	53.66	2.63	6.13	52.37	1.85	44.94
4.684	15.06	53.66	2.67	6.14	52.04	1.79	44.94
4.709	15.06	53.66	2.9	6.17	51.36	1.72	44.94
4.737	15.06	53.66	2.86	6.22	51.18	1.67	44.94
4.753	15.06	53.66	3.2	6.29	51.22	1.73	44.94
4.761	15.06	53.67	3.4	6.37	50.94	1.68	44.95
4.773	15.06	53.66	3.2	6.44	50.69	1.66	44.94
4.79	15.06	53.66	3.36	6.5	50.42	1.75	44.93
4.809	15.07	53.67	3.66	6.53	50.09	1.72	44.94
4.826	15.07	53.66	4.2	6.55	49.87	1.61	44.93
4.838	15.07	53.66	3.78	6.54	49.53	1.61	44.93
4.854	15.07	53.66	3.17	6.5	49.2	1.6	44.94
4.87	15.07	53.66	3.28	6.45	48.75	1.62	44.93
4.878	15.07	53.66	3.01	6.39	48.54	1.56	44.93
4.882	15.07	53.67	3.01	6.33	48.34	1.59	44.94
4.886	15.07	53.66	3.09	6.26	48.27	1.61	44.93
4.888	15.07	53.66	2.86	6.19	48.05	1.57	44.93
4.891	15.07	53.67	2.94	6.14	47.9	1.55	44.93
4.895	15.07	53.67	2.9	6.08	47.78	1.63	44.93
4.9	15.07	53.66	2.9	6.04	47.69	1.54	44.93
4.902	15.07	53.66	2.86	6.0	47.39	1.57	44.93
4.905	15.07	53.67	2.86	5.96	47.17	1.57	44.93
4.91	15.07	53.66	2.98	5.94	46.81	1.62	44.93
4.913	15.07	53.66	3.09	5.91	46.64	1.62	44.92
4.915	15.07	53.66	3.13	5.9	46.3	1.69	44.93
4.916	15.07	53.67	2.82	5.88	46.3	1.73	44.93