

RESULTADOS

MEDIDAS DE SONDA OCEÁNICA (CTD-IMIDA)
COORDINADAS POR EL IMIDA EN EL MM



Fecha: Lunes 03/01/2022

El presente informe muestra un resumen inicial de los resultados de los muestreos coordinados por el IMIDA y realizados por el IMIDA en el Mar Menor (MM) en la fecha indicada mediante SONDA multiparamétrica (CTD), que mide un total de 7 variables: temperatura, conductividad, turbidez, pH, oxígeno, salinidad y clorofila.

Cada punto de muestreo puede llegar a proporcionar en torno a 10.000 datos, que son tratados de forma automatizada por los técnicos del IMIDA. Tal cantidad de información requiere, además de su descarga, un complejo proceso de análisis, procesado y de transformación de datos.

Para controlar rápidamente la situación de la laguna con respecto a los niveles de oxígeno y llevar un seguimiento diario de la misma, se ha decidido identificar y alertar únicamente de los valores que representan situaciones de posible anoxia/hipoxia en base a la siguiente clasificación. Se considerarán no preocupantes los valores de oxígeno superiores a 4 miligramos por litro (mg/L):

0-2 mg/L: ANOXIA

2-4 mg/L: HIPOXIA

>4 mg/L: NO PREOCUPANTE

Las tablas siguientes incluyen los datos necesarios para tener una visión global de todo el proceso:

OBSERVACIONES GENERALES

Se realiza **UNA SALIDA** en barco para muestreo por la mañana, en horario de 8:00 a 12:00 horas.
Salida desde el puerto de Lo Pagán, con los técnicos y un patrón del IMIDA.

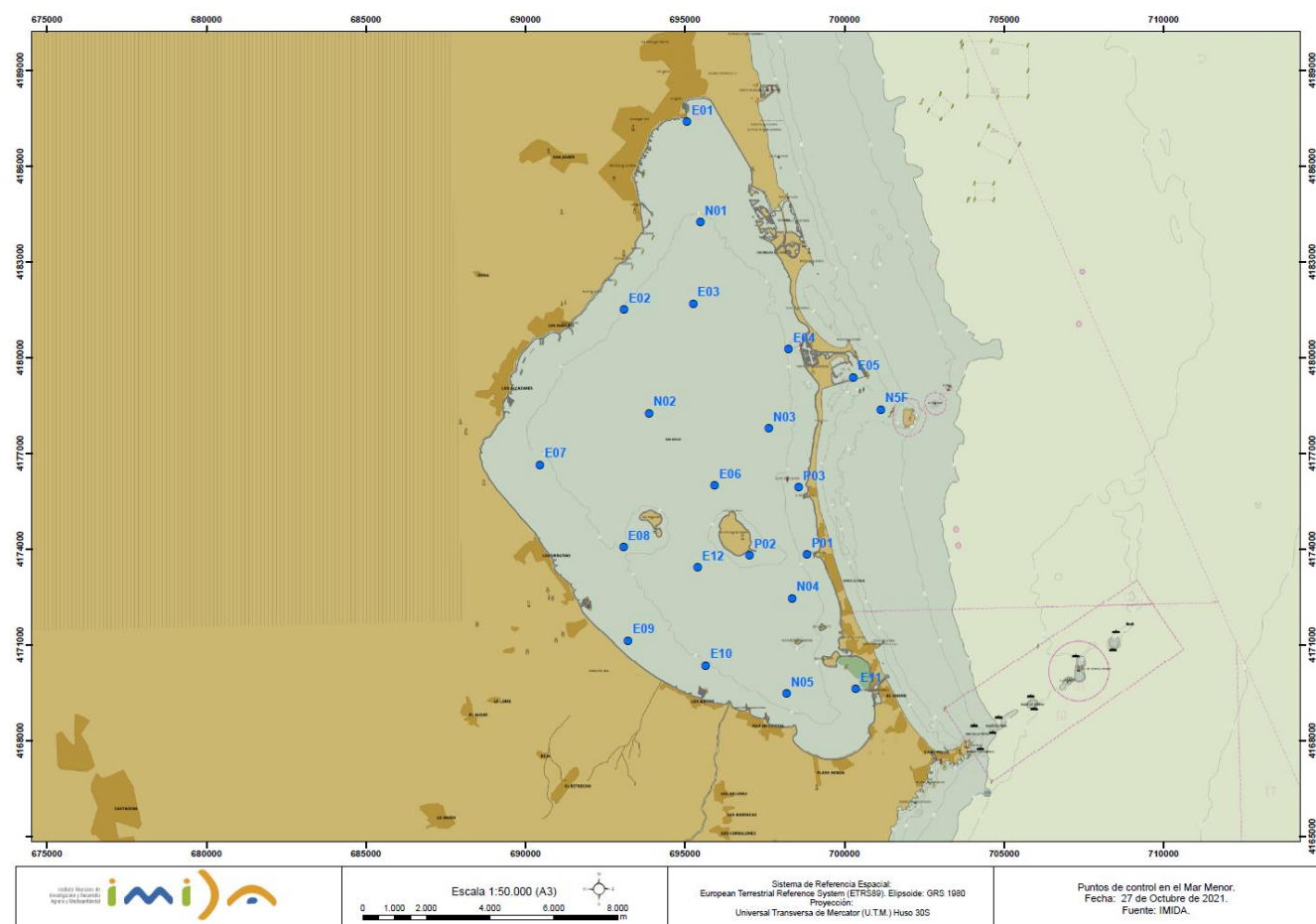
ORDEN	Punto	D. Secchi	Hora	Fondo	Viento (km/h)	Dirección	Sonda
1	E01	2.4	8:41:00	Si	0	Nada	2.4
2	N01	5.6	8:52:00	Si	0	Nada	5.6
3	E03	6.3	9:01:00	No	0	Nada	6.3
4	E02	5.6	9:10:00	Si	0	Nada	5.6
5	N02	6.2	9:20:00	No	0	Nada	6.2
6	E07	2.5	9:40:00	No	0	Nada	4.8
7	E08	4.9	9:57:00	Si	0	Nada	4.9
8	E09	1.2	10:06:00	Si	0	Nada	1.2
9	E10	5.0	10:14:00	Si	0	Sw	5.0
10	N05	5.7	10:24:00	No	0	Sw	5.7
11	E11	4.3	10:32:00	Si	0	Sw	4.3
12	N04	5.6	10:43:00	No	0	Nada	5.9
13	P01	1.5	10:50:00	Si	0	Nada	1.5
14	P02	3.1	10:57:00	Si	0	Sw	3.1
15	E12	5.0	11:07:00	No	0	Nada	5.9
16	E06	6.6	11:16:00	No	0	Nada	6.6
17	P03	1.5	11:25:00	Si	0	Nada	1.5
18	N03	6.4	11:33:00	Si	0	Nada	6.4
19	E04	5.2	11:41:00	Si	0	Nada	5.2
20	E05	5.5	11:51:00	Si	0	Nada	5.5
21	N5F	9.9	11:57:00	Si	0	Nada	9.9

UBICACIÓN DE LOS TRABAJOS

Estación de Acuicultura Marina de San Pedro del Pinatar: Coordinación para la organización de las salidas al mar, manejo y mantenimiento de sondas.

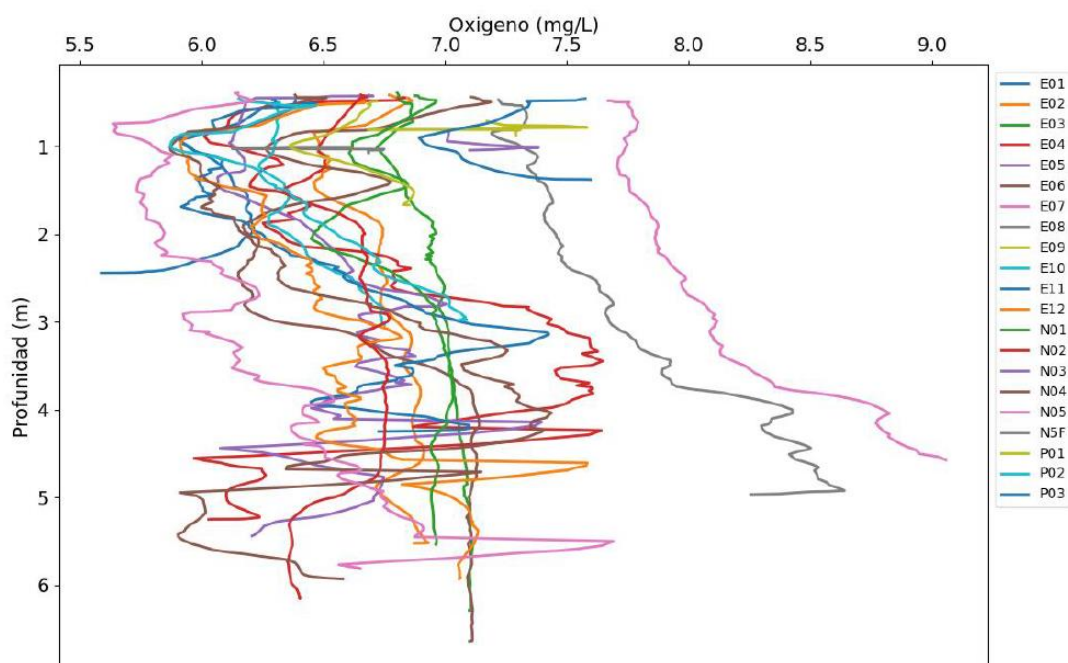
Instalaciones del IMIDA de La Alberca: Diseño y puesta en marcha de la encuesta para la toma de datos, procesamiento, tratamiento, análisis de datos, cartografía y maquetación.

Mar Menor: El IMIDA ha muestreado un total de 21 puntos con el CTD, previamente establecidos por el grupo de monitorización.

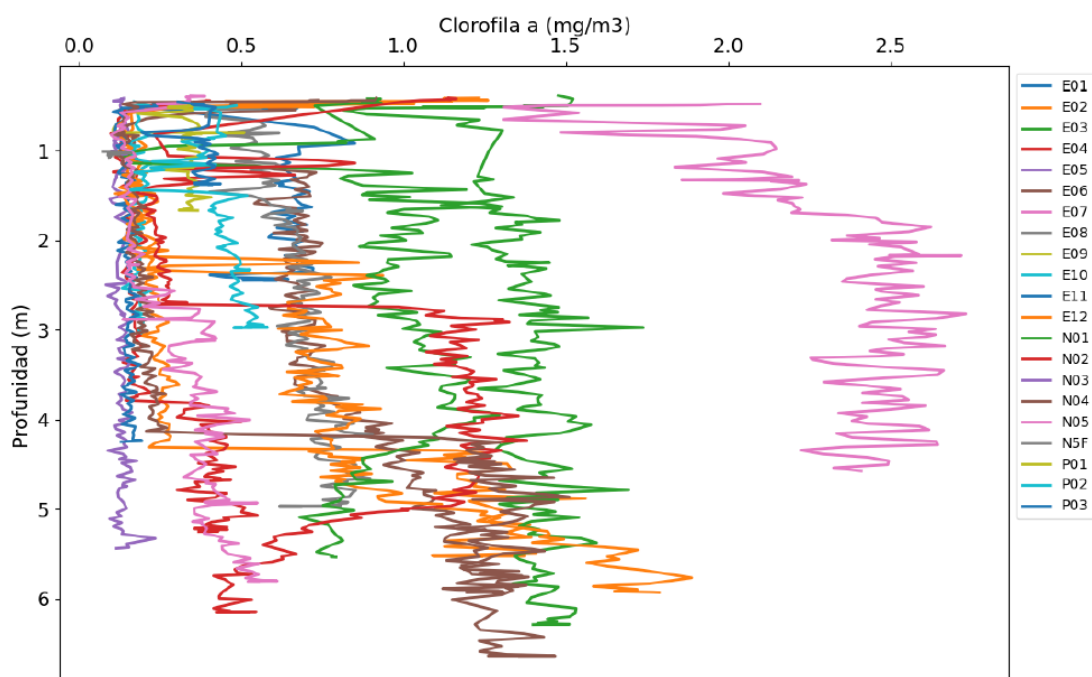


SITUACIÓN GENERAL

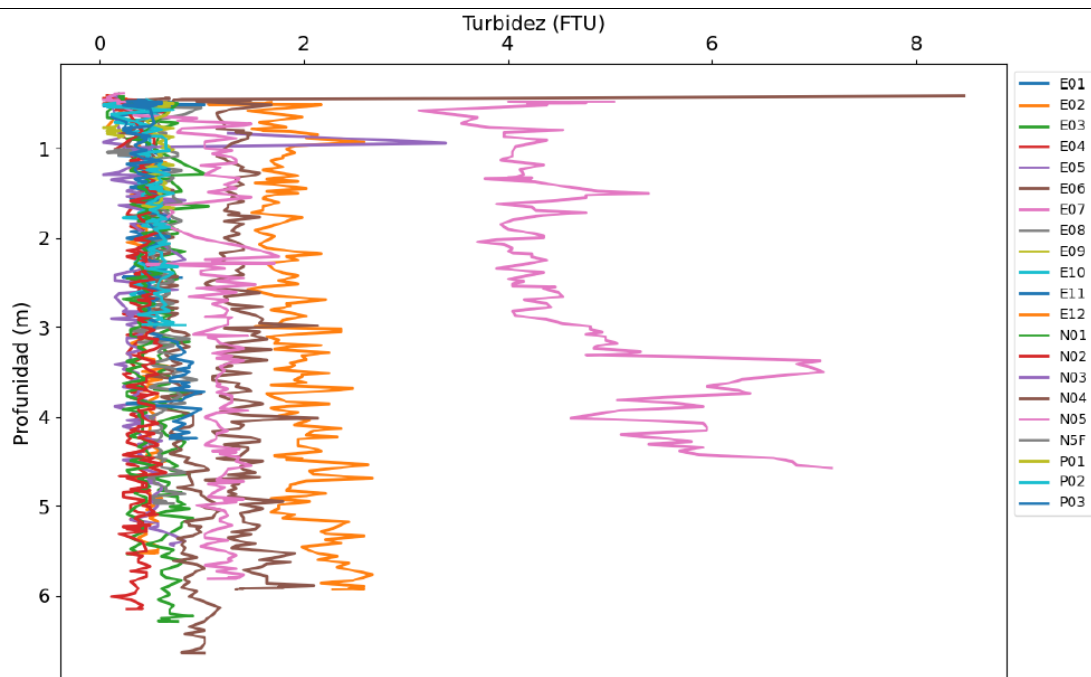
Los niveles medios de oxígeno son normales en todos los puntos ($> 5,5$ mg/L). Los valores medios de clorofila están por debajo 3 mg/m³. Los valores medios de turbidez están bajos, pero se han registrado máximos altos en la superficie de una estación. La transparencia del agua es alta como se puede apreciar en los valores del Disco de Secchi.



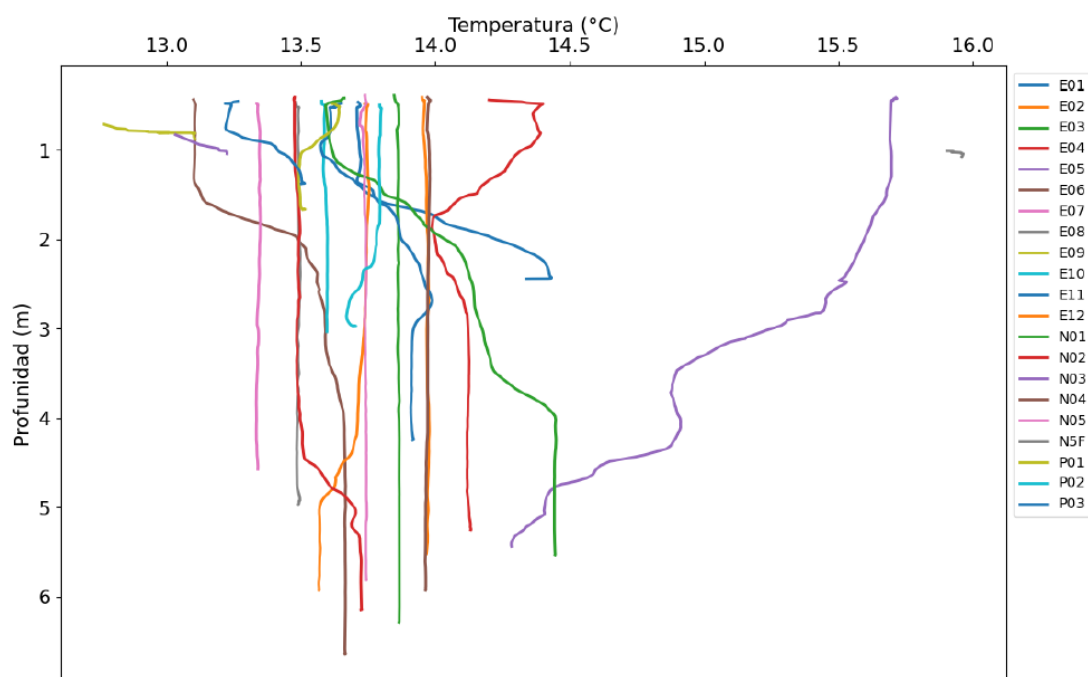
Perfiles de oxígeno (mg/L) por estación



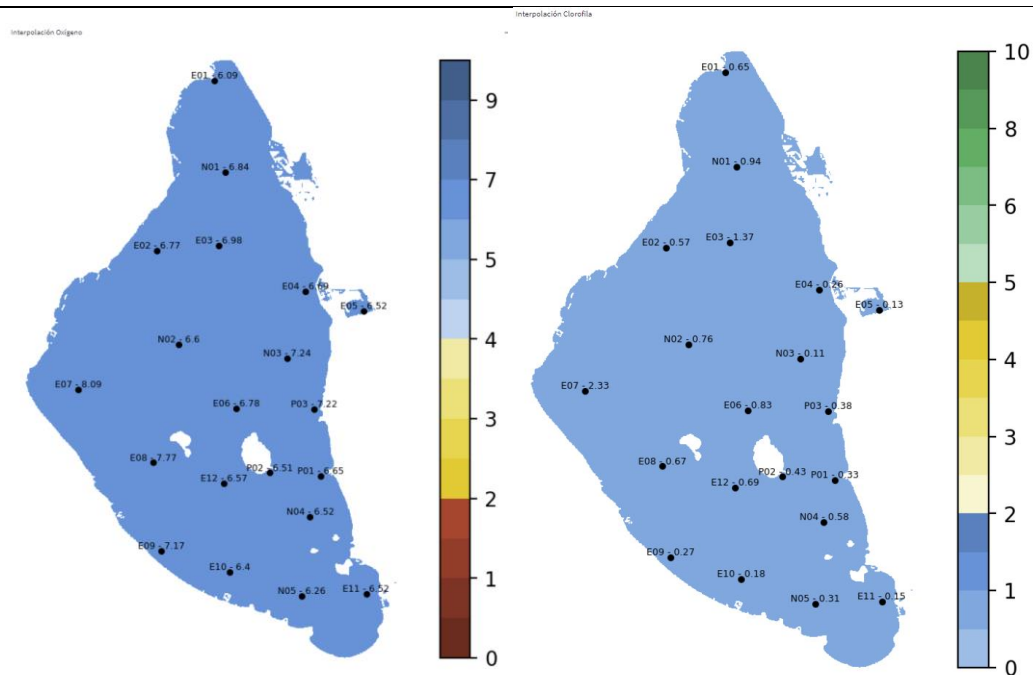
Perfiles de los valores de clorofila (mg/m³)



Perfiles de los valores de turbidez (FTU)



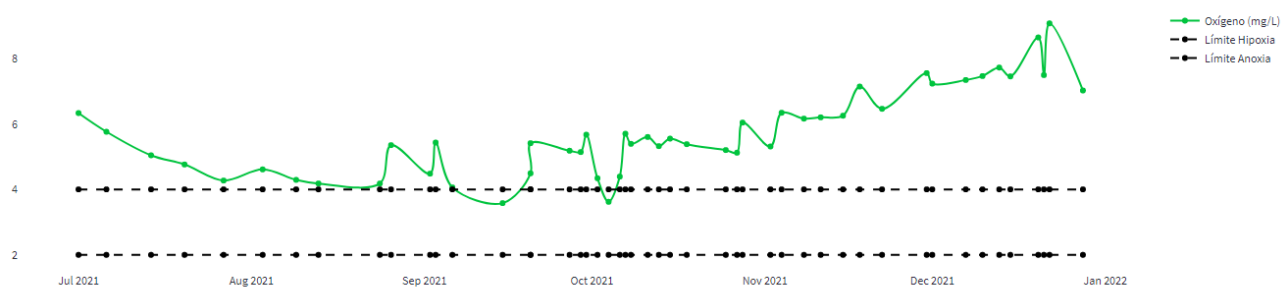
Perfiles de los valores de temperatura (° C)



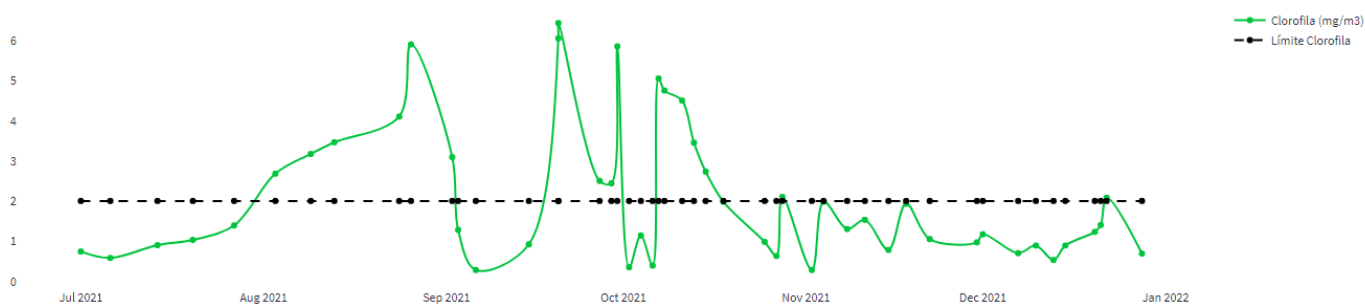
Contenido de oxígeno (mg/L) y clorofila a (mg/m3)

Valores medios (media geométrica por isobata) del Mar Menor el día 03/01/2022:

- Clorofila (mg/m3): 0.86
- Turbidez (FTU): 0.85
- Oxígeno (mg/L): 7.17
- Temperatura (° C): 13.80
- Salinidad (PSU): 42.08

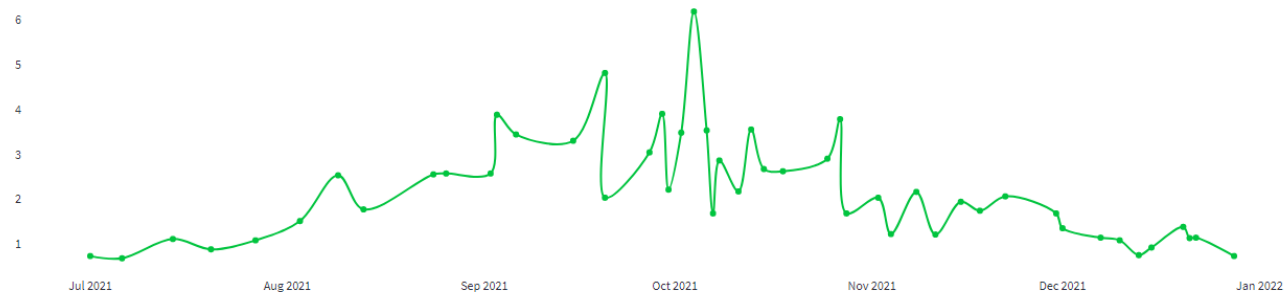


Evolución del contenido de oxígeno (mg/L)

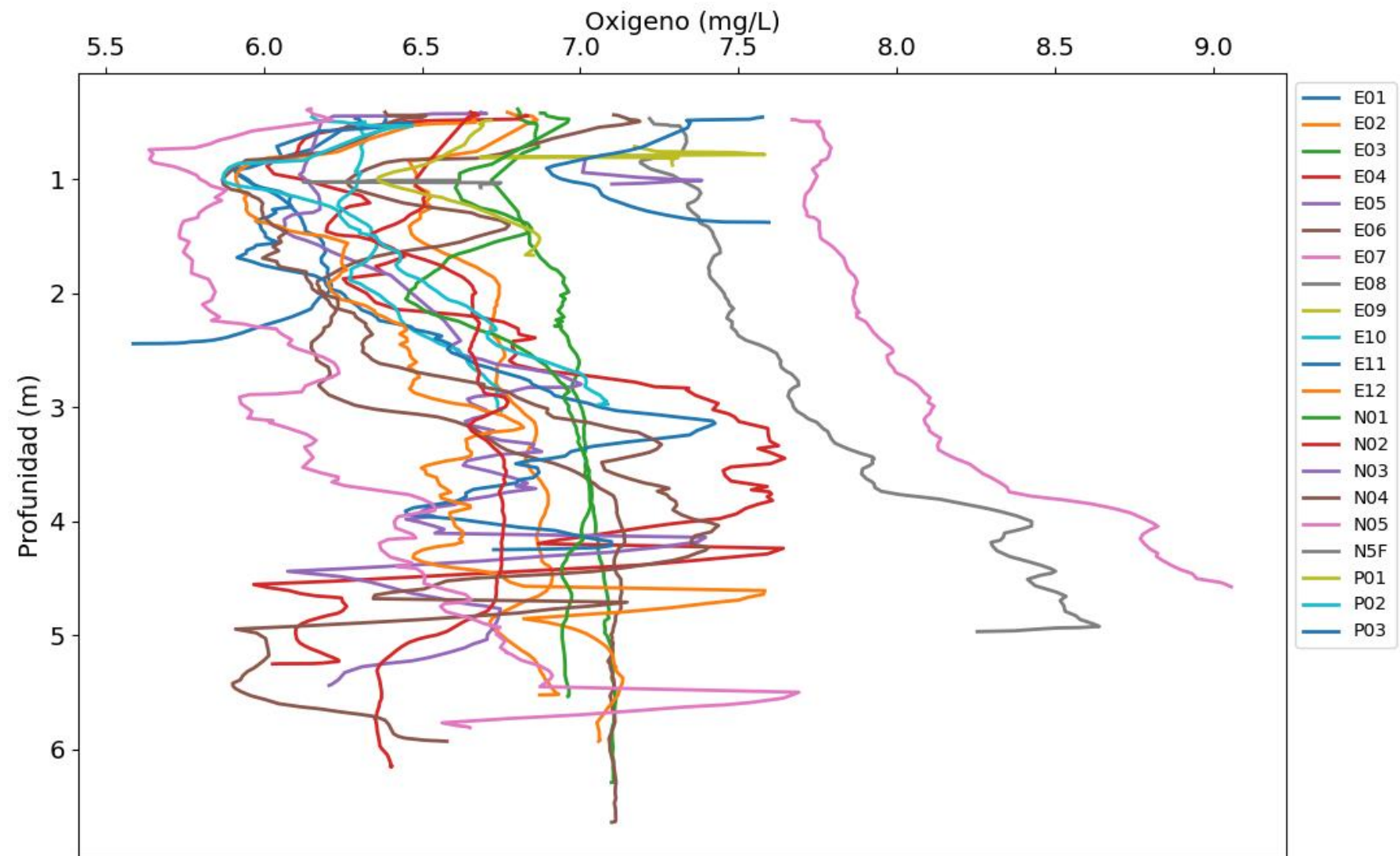


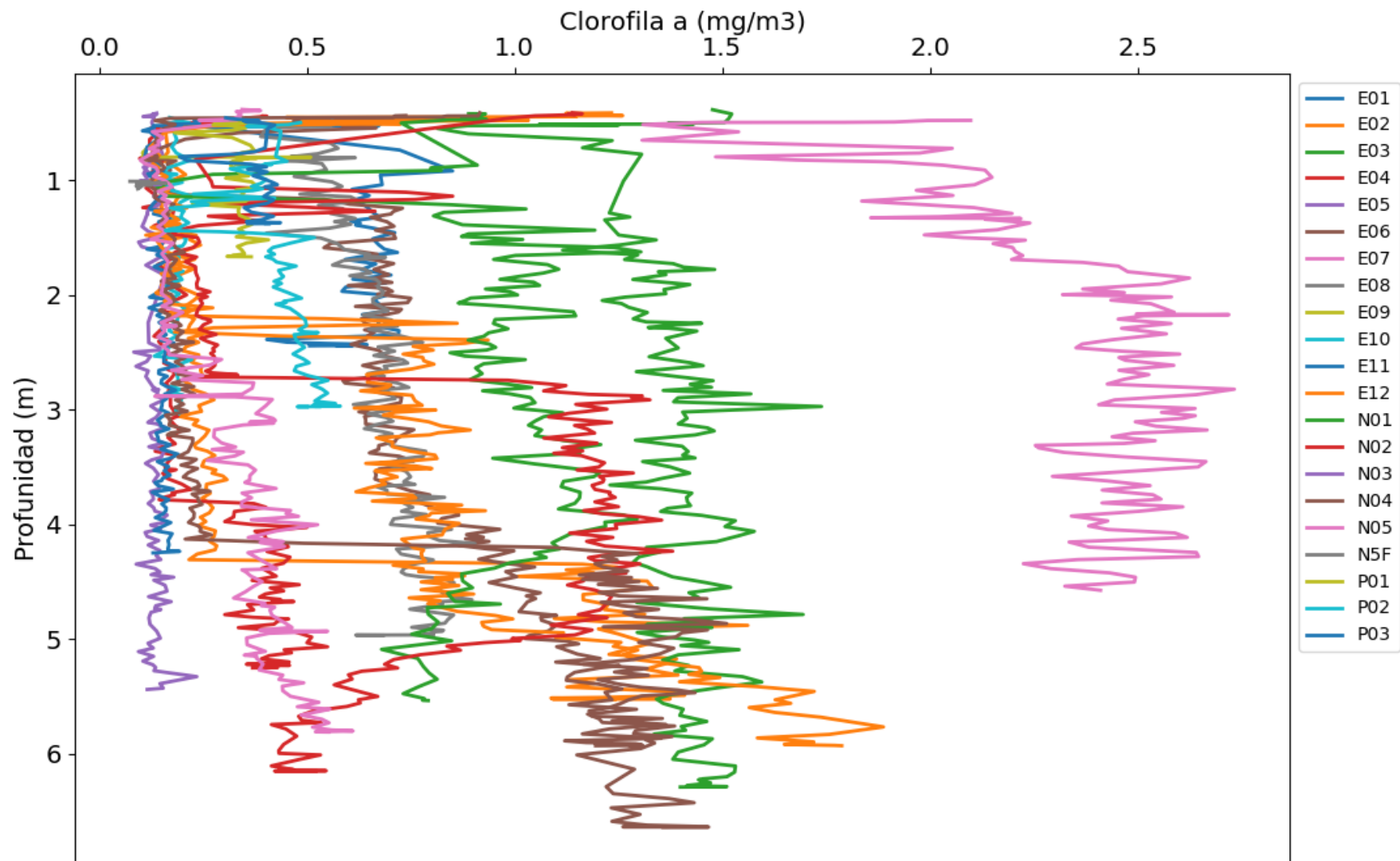
Evolución de la clorofila *a* (mg/m3)

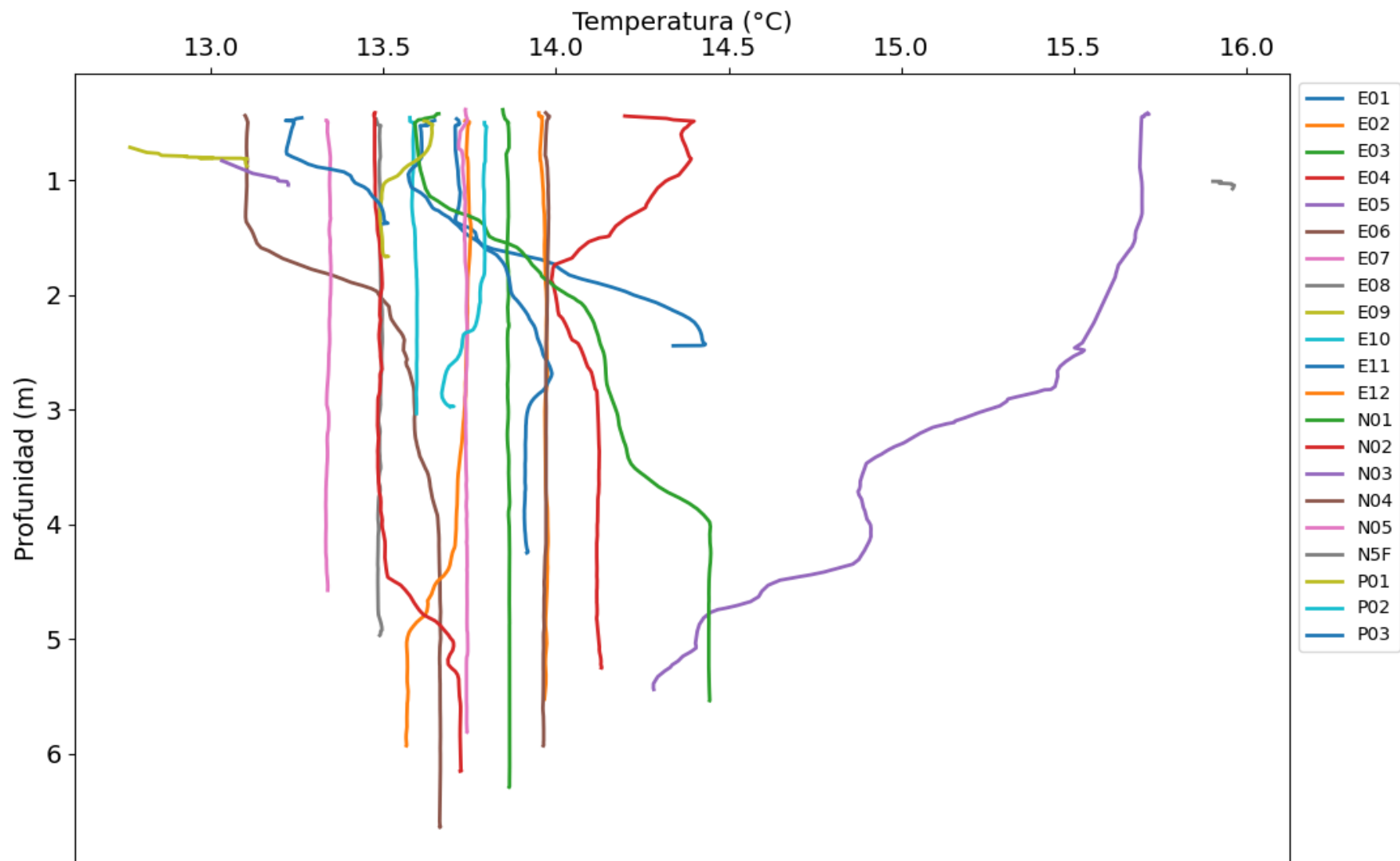
Turbidez (FTU)

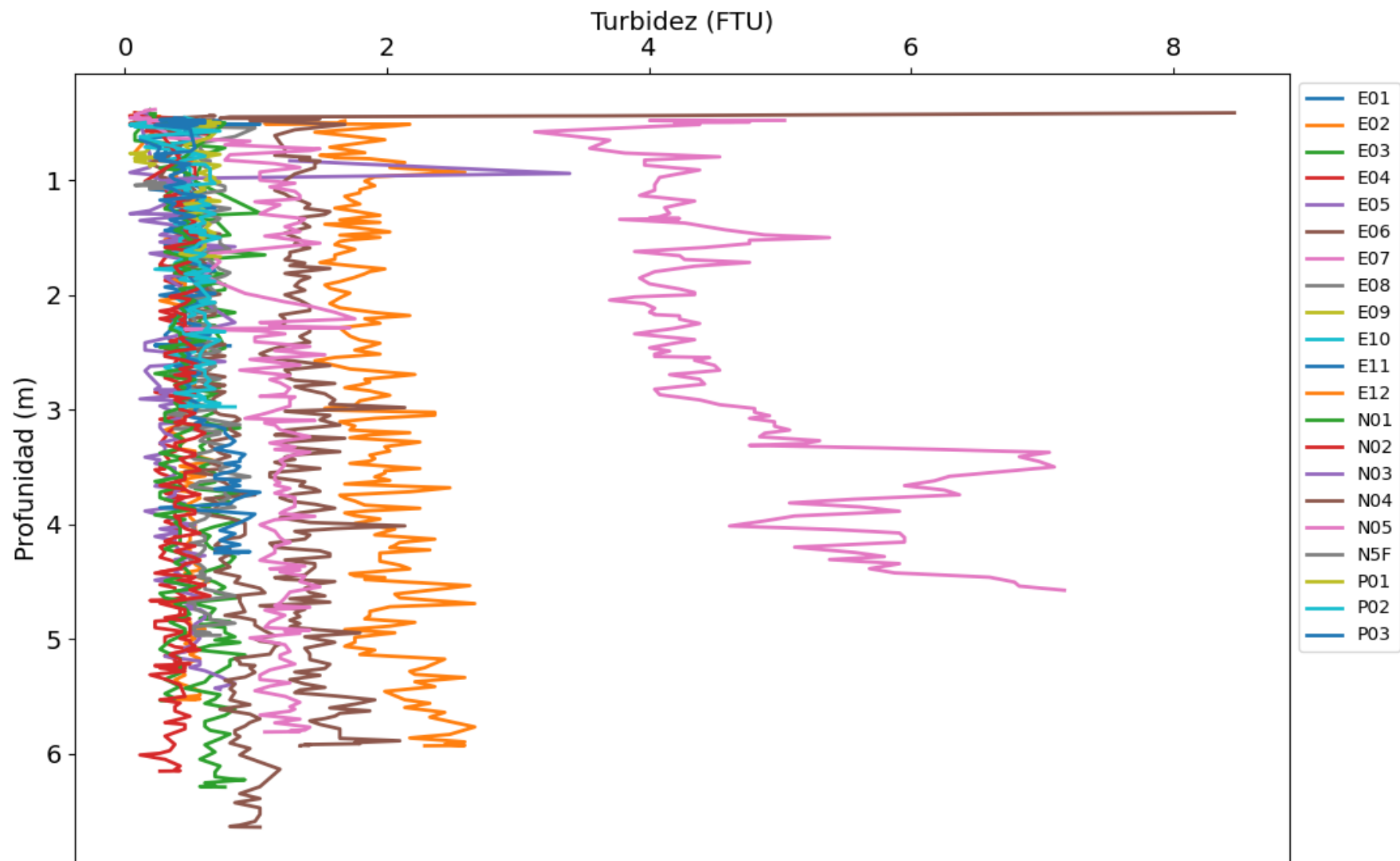


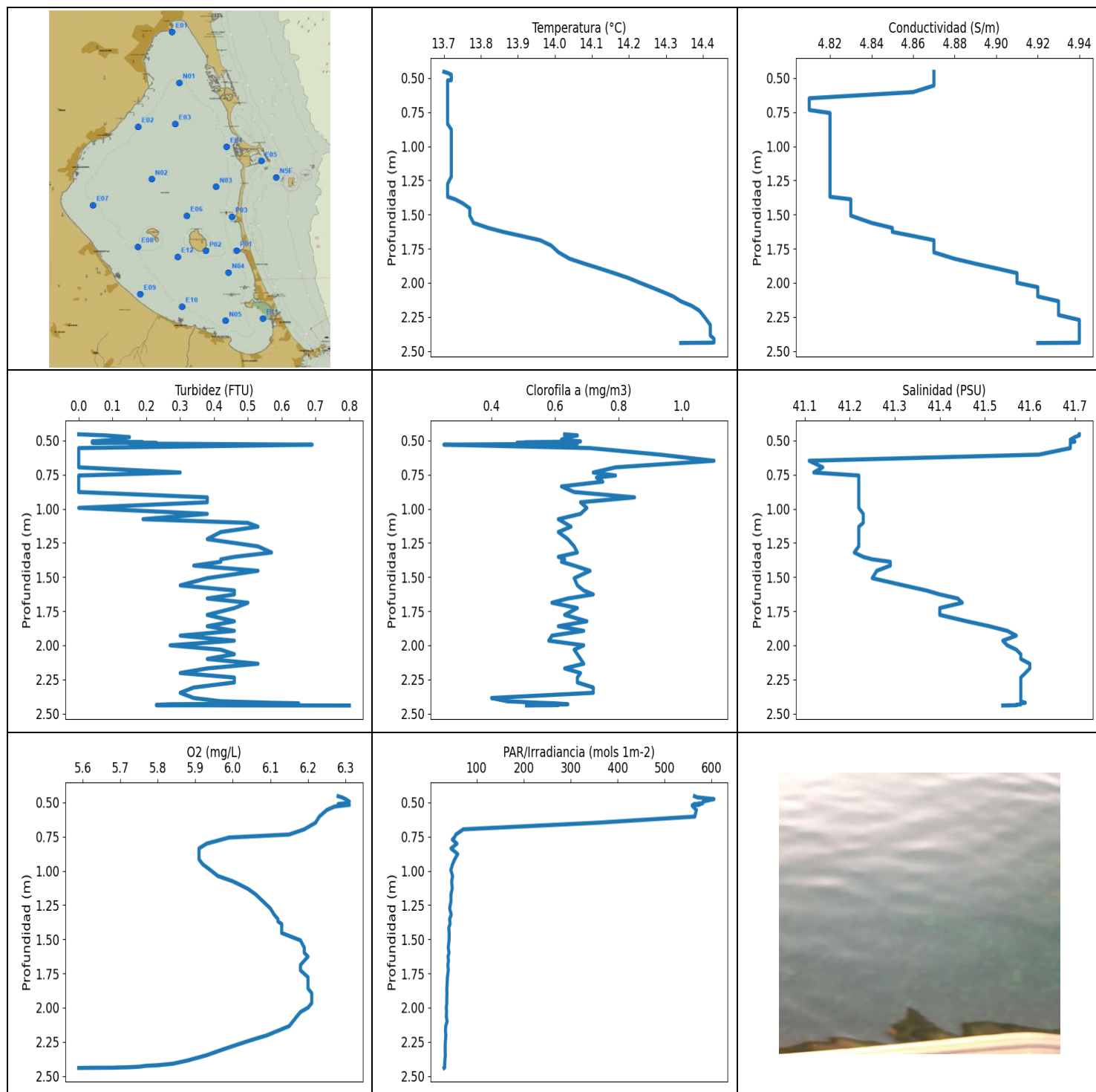
Evolución de la turbidez (FTU)











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

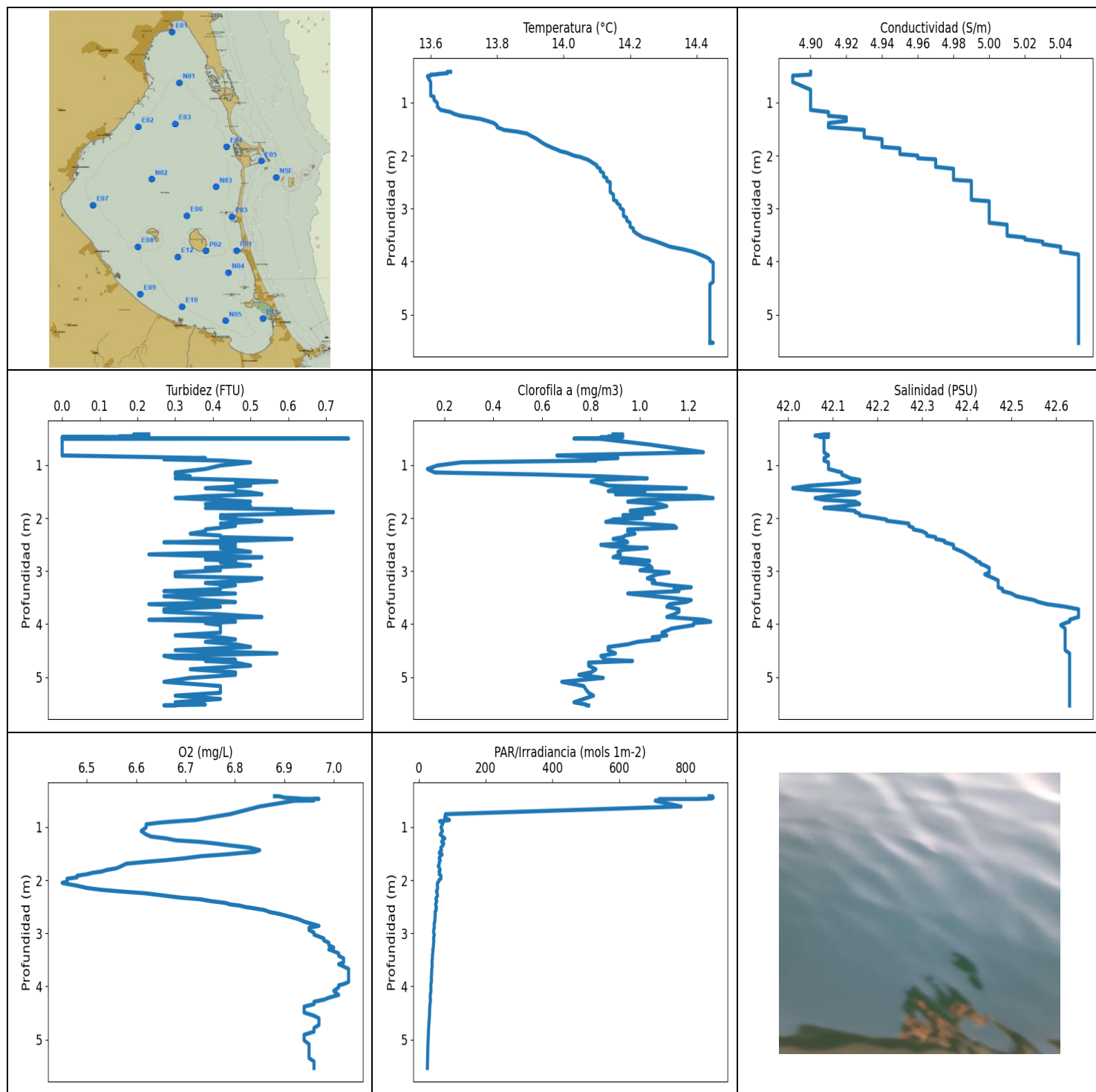
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.7	4.81	0.0	5.59	29.85	0.25	41.11
PROF (metros)	0.454	0.648	0.454	2.441	2.44	0.53	0.648
MÁXIMO	14.43	14.43	0.8	6.31	605.28	1.1	41.71
PROF (metros)	2.41	2.272	2.441	0.493	0.475	0.648	0.454

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E01 - Punto 001	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.71	4.86	0.21	6.23	468.16	0.61	41.59
1 - 2m	13.85	4.85	0.43	6.14	41.15	0.65	41.34
2 - 3m	14.38	4.93	0.41	5.92	32.52	0.62	41.58

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)
0.454	13.7	4.87	0.0	6.28	563.71	0.63	41.71
0.462	13.71	4.87	0.08	6.29	569.22	0.67	41.71
0.475	13.72	4.87	0.15	6.3	605.28	0.64	41.7
0.493	13.72	4.87	0.11	6.31	582.3	0.62	41.69
0.506	13.72	4.87	0.04	6.3	581.22	0.68	41.7
0.508	13.72	4.87	0.11	6.29	571.6	0.64	41.7
0.512	13.72	4.87	0.19	6.28	576.79	0.51	41.69
0.513	13.72	4.87	0.08	6.28	562.01	0.51	41.69
0.516	13.72	4.87	0.04	6.29	573.99	0.48	41.69
0.517	13.71	4.87	0.23	6.31	565.15	0.57	41.69
0.52	13.71	4.87	0.15	6.3	559.02	0.65	41.69
0.523	13.71	4.87	0.23	6.29	558.89	0.67	41.69
0.53	13.71	4.87	0.69	6.27	560.58	0.25	41.69
0.555	13.71	4.87	0.0	6.25	567.77	0.71	41.69
0.603	13.71	4.86	0.0	6.23	564.36	0.93	41.62
0.648	13.71	4.81	0.0	6.22	356.57	1.1	41.11
0.696	13.71	4.81	0.0	6.19	71.23	0.79	41.14
0.734	13.71	4.81	0.3	6.15	55.36	0.72	41.12
0.756	13.71	4.82	0.0	5.99	52.17	0.79	41.22
0.771	13.71	4.82	0.0	5.97	47.87	0.73	41.22
0.801	13.71	4.82	0.0	5.93	57.74	0.75	41.22
0.836	13.71	4.82	0.0	5.91	45.0	0.62	41.22
0.877	13.72	4.82	0.0	5.91	59.38	0.66	41.22
0.916	13.72	4.82	0.38	5.91	52.68	0.85	41.22
0.952	13.72	4.82	0.38	5.92	48.28	0.68	41.22
0.993	13.72	4.82	0.0	5.94	44.58	0.7	41.22
1.037	13.72	4.82	0.38	5.96	48.26	0.68	41.23
1.076	13.72	4.82	0.19	6.0	46.42	0.61	41.23
1.103	13.72	4.82	0.5	6.02	47.06	0.63	41.23
1.131	13.72	4.82	0.53	6.04	47.61	0.65	41.22
1.17	13.72	4.82	0.42	6.06	44.9	0.61	41.22
1.222	13.72	4.82	0.38	6.08	44.82	0.64	41.22
1.275	13.71	4.82	0.53	6.1	42.12	0.66	41.22
1.32	13.71	4.82	0.57	6.11	45.46	0.67	41.21
1.352	13.71	4.82	0.46	6.12	42.05	0.61	41.23
1.37	13.71	4.82	0.42	6.12	42.53	0.63	41.25
1.388	13.73	4.83	0.42	6.13	42.98	0.62	41.29
1.416	13.75	4.83	0.34	6.13	40.15	0.66	41.29
1.454	13.77	4.83	0.53	6.13	41.06	0.71	41.26

1.508	13.77	4.83	0.38	6.18	40.8	0.66	41.25
1.561	13.78	4.84	0.3	6.19	39.05	0.67	41.32
1.598	13.82	4.85	0.46	6.19	40.77	0.69	41.37
1.627	13.86	4.85	0.46	6.2	38.51	0.72	41.4
1.657	13.91	4.86	0.38	6.19	39.63	0.64	41.44
1.688	13.96	4.87	0.5	6.18	38.18	0.59	41.45
1.727	13.99	4.87	0.46	6.18	39.22	0.67	41.4
1.777	14.01	4.87	0.38	6.2	37.29	0.63	41.4
1.824	14.04	4.88	0.46	6.2	36.69	0.7	41.46
1.86	14.08	4.89	0.38	6.2	36.01	0.61	41.51
1.894	14.12	4.9	0.46	6.21	36.36	0.69	41.55
1.929	14.16	4.91	0.3	6.21	36.02	0.59	41.57
1.966	14.2	4.91	0.46	6.21	36.02	0.58	41.54
2.0	14.23	4.91	0.27	6.2	34.86	0.69	41.55
2.032	14.26	4.92	0.42	6.18	35.57	0.66	41.57
2.065	14.29	4.92	0.46	6.17	34.96	0.67	41.58
2.1	14.32	4.92	0.38	6.16	36.66	0.68	41.58
2.135	14.34	4.93	0.53	6.15	33.69	0.69	41.6
2.169	14.37	4.93	0.38	6.12	33.1	0.63	41.6
2.203	14.39	4.93	0.3	6.09	33.97	0.68	41.59
2.236	14.4	4.93	0.46	6.05	33.24	0.67	41.58
2.272	14.41	4.94	0.46	6.01	32.62	0.67	41.58
2.309	14.42	4.94	0.34	5.97	32.56	0.72	41.58
2.348	14.42	4.94	0.3	5.93	32.87	0.72	41.58
2.386	14.42	4.94	0.34	5.88	31.92	0.4	41.58
2.41	14.43	4.94	0.42	5.84	31.44	0.45	41.58
2.421	14.43	4.94	0.57	5.8	31.61	0.55	41.59
2.425	14.43	4.94	0.65	5.77	31.41	0.6	41.58
2.432	14.43	4.94	0.27	5.75	31.11	0.64	41.58
2.436	14.43	4.94	0.23	5.72	30.42	0.57	41.57
2.437	14.43	4.94	0.46	5.7	30.88	0.61	41.57
2.439	14.42	4.94	0.23	5.68	30.22	0.59	41.57
2.44	14.36	4.93	0.42	5.61	29.85	0.53	41.55
2.441	14.34	4.92	0.8	5.59	29.99	0.51	41.54



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/m ³)	Salinidad (PSU)
MÍNIMO	13.59	4.89	0.0	6.45	25.65	0.13	42.01
PROF (metros)	0.498	0.489	0.469	2.049	5.536	1.072	1.433
MÁXIMO	14.45	14.45	0.76	7.03	881.91	1.3	42.65
PROF (metros)	4.018	3.865	0.498	3.67	0.443	1.622	3.719

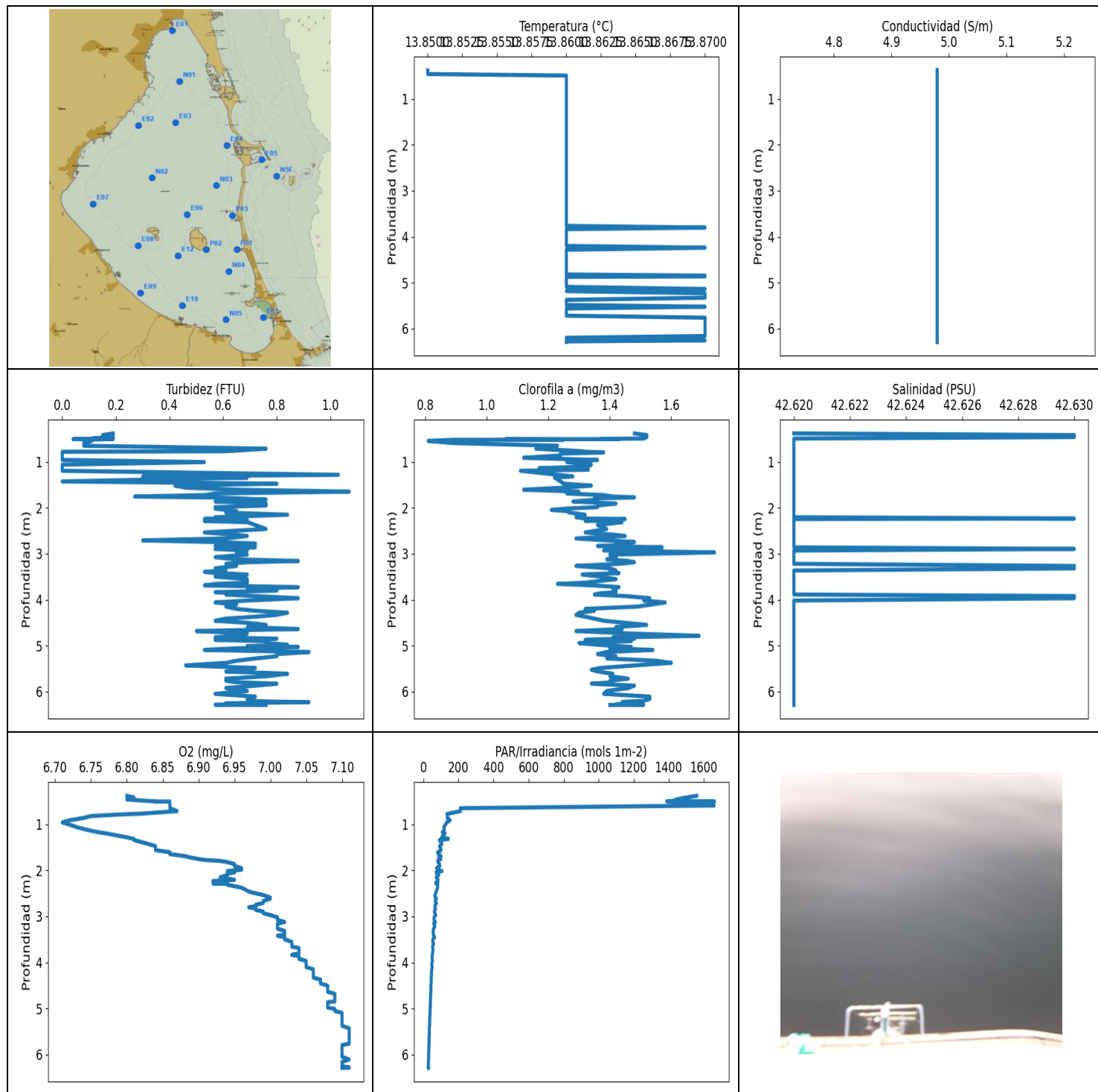
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N01 - Punto 002	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.62	4.9	0.29	6.84	578.36	0.82	42.08
1 - 2m	13.84	4.93	0.45	6.64	65.56	0.89	42.12
2 - 3m	14.13	4.98	0.43	6.76	51.17	0.96	42.35
3 - 4m	14.27	5.02	0.38	7.01	40.74	1.13	42.54
4 - 5m	14.44	5.05	0.41	6.97	32.03	0.94	42.62
5 - 6m	14.44	5.05	0.35	6.95	26.37	0.78	42.63

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)
0.417	13.66	4.9	0.23	6.88	869.53	0.89	42.09
0.418	13.65	4.9	0.19	6.89	880.28	0.93	42.08
0.443	13.65	4.9	0.23	6.9	881.91	0.91	42.06
0.459	13.62	4.9	0.15	6.93	877.63	0.87	42.08
0.464	13.62	4.9	0.19	6.93	862.31	0.91	42.07
0.468	13.61	4.9	0.08	6.95	842.16	0.93	42.09
0.469	13.61	4.9	0.0	6.97	837.49	0.87	42.08
0.47	13.6	4.9	0.11	6.96	720.19	0.84	42.08
0.489	13.6	4.89	0.0	6.96	722.37	0.85	42.08
0.498	13.59	4.89	0.76	6.96	708.93	0.73	42.08
0.503	13.59	4.89	0.0	6.92	708.11	0.84	42.08
0.611	13.6	4.89	0.0	6.85	785.41	1.04	42.08
0.755	13.6	4.9	0.0	6.79	79.93	1.26	42.08
0.816	13.6	4.9	0.0	6.75	77.72	0.66	42.09
0.866	13.6	4.9	0.38	6.72	91.68	0.91	42.08
0.89	13.61	4.9	0.27	6.68	62.17	0.8	42.08
0.912	13.61	4.9	0.42	6.65	73.02	0.82	42.08
0.946	13.61	4.9	0.5	6.62	70.52	0.27	42.09
1.006	13.62	4.9	0.42	6.62	66.45	0.17	42.09
1.072	13.62	4.9	0.38	6.61	70.95	0.13	42.09
1.137	13.63	4.9	0.3	6.62	63.92	0.16	42.12
1.177	13.66	4.91	0.3	6.63	70.7	0.6	42.12
1.211	13.67	4.91	0.34	6.66	77.81	0.85	42.13
1.248	13.69	4.91	0.3	6.68	70.56	1.03	42.14
1.277	13.72	4.92	0.46	6.73	68.29	0.83	42.16
1.308	13.75	4.92	0.57	6.76	74.7	0.8	42.16
1.344	13.77	4.92	0.46	6.79	72.13	0.84	42.12
1.386	13.79	4.91	0.5	6.83	65.74	0.87	42.05
1.433	13.8	4.91	0.38	6.85	67.86	1.19	42.01
1.465	13.8	4.91	0.46	6.84	62.4	0.89	42.04
1.488	13.81	4.92	0.46	6.81	61.38	0.87	42.12
1.514	13.82	4.93	0.5	6.78	69.97	1.02	42.16
1.547	13.86	4.93	0.53	6.73	63.97	0.9	42.15
1.584	13.89	4.93	0.38	6.7	60.84	1.24	42.09
1.622	13.9	4.93	0.3	6.66	64.13	1.3	42.06
1.653	13.91	4.93	0.42	6.62	61.37	1.0	42.08

1.688	13.92	4.94	0.5	6.58	61.34	0.95	42.15
1.733	13.93	4.94	0.38	6.57	58.17	1.08	42.16
1.774	13.94	4.94	0.5	6.56	62.4	1.11	42.12
1.807	13.95	4.94	0.38	6.54	63.58	1.07	42.08
1.835	13.96	4.94	0.61	6.53	60.48	1.01	42.12
1.862	13.97	4.95	0.57	6.51	62.56	0.96	42.15
1.886	13.98	4.95	0.72	6.5	61.07	1.05	42.15
1.915	13.99	4.95	0.61	6.48	66.37	1.06	42.16
1.946	14.01	4.95	0.42	6.48	66.03	0.93	42.16
1.971	14.02	4.95	0.46	6.46	65.91	0.99	42.18
1.998	14.03	4.96	0.42	6.46	60.13	1.01	42.2
2.025	14.05	4.96	0.46	6.46	59.36	0.89	42.22
2.049	14.06	4.96	0.53	6.45	56.17	0.88	42.22
2.069	14.07	4.97	0.5	6.46	55.11	0.86	42.24
2.102	14.08	4.97	0.42	6.48	55.72	1.0	42.27
2.145	14.09	4.97	0.46	6.5	56.43	1.14	42.27
2.181	14.1	4.97	0.42	6.53	54.82	1.15	42.28
2.212	14.1	4.97	0.38	6.57	52.55	0.95	42.28
2.247	14.11	4.98	0.38	6.62	55.1	0.95	42.3
2.293	14.11	4.98	0.34	6.66	55.95	0.98	42.31
2.328	14.12	4.98	0.42	6.69	52.17	0.94	42.31
2.358	14.12	4.98	0.42	6.73	51.3	0.93	42.33
2.392	14.12	4.98	0.61	6.75	53.97	0.89	42.33
2.426	14.13	4.98	0.46	6.78	51.55	0.94	42.35
2.455	14.13	4.98	0.27	6.79	50.3	0.95	42.35
2.478	14.13	4.99	0.46	6.81	50.75	0.93	42.36
2.502	14.14	4.99	0.42	6.82	52.63	0.84	42.37
2.531	14.14	4.99	0.46	6.84	51.34	0.88	42.37
2.562	14.14	4.99	0.42	6.86	52.29	1.03	42.37
2.598	14.14	4.99	0.46	6.87	48.46	0.93	42.38
2.635	14.14	4.99	0.5	6.89	49.36	0.91	42.39
2.684	14.14	4.99	0.23	6.91	48.97	0.92	42.4
2.737	14.15	4.99	0.53	6.93	48.2	0.89	42.41
2.779	14.15	4.99	0.38	6.94	47.97	0.99	42.42
2.806	14.15	4.99	0.46	6.95	45.95	1.04	42.42
2.834	14.15	4.99	0.42	6.96	46.2	0.92	42.43
2.86	14.16	5.0	0.46	6.97	45.93	0.99	42.43
2.893	14.16	5.0	0.5	6.95	46.42	1.04	42.44
2.938	14.17	5.0	0.38	6.95	44.54	1.05	42.45
2.985	14.17	5.0	0.42	6.96	44.32	1.0	42.45
3.025	14.18	5.0	0.3	6.96	46.52	1.12	42.45
3.06	14.18	5.0	0.3	6.97	45.04	1.07	42.44
3.097	14.18	5.0	0.3	6.98	44.19	1.05	42.45
3.134	14.18	5.0	0.53	6.98	44.79	1.03	42.46
3.175	14.19	5.0	0.5	6.99	44.32	1.06	42.47
3.224	14.19	5.0	0.38	6.99	43.58	1.05	42.47
3.267	14.2	5.0	0.46	7.0	43.36	1.12	42.47
3.303	14.2	5.01	0.42	6.99	41.74	1.21	42.47
3.338	14.2	5.01	0.42	7.0	42.38	1.14	42.48
3.377	14.21	5.01	0.27	7.01	41.62	1.16	42.48
3.422	14.21	5.01	0.46	7.01	40.64	0.95	42.5
3.471	14.22	5.01	0.27	7.02	40.58	1.05	42.51
3.51	14.23	5.01	0.34	7.02	39.71	1.14	42.53
3.545	14.24	5.02	0.38	7.02	39.7	1.21	42.55
3.582	14.26	5.02	0.46	7.01	39.73	1.19	42.56
3.624	14.28	5.03	0.23	7.02	39.75	1.12	42.58
3.67	14.3	5.03	0.42	7.03	38.72	1.11	42.62
3.719	14.32	5.04	0.27	7.03	38.37	1.16	42.65

3.767	14.36	5.04	0.27	7.03	38.29	1.16	42.65
3.815	14.39	5.04	0.42	7.03	37.4	1.14	42.65
3.865	14.41	5.05	0.53	7.03	37.72	1.11	42.65
3.917	14.43	5.05	0.23	7.03	37.75	1.26	42.63
3.955	14.44	5.05	0.46	7.02	35.99	1.29	42.63
3.98	14.44	5.05	0.38	7.01	35.89	1.22	42.62
4.018	14.45	5.05	0.42	7.01	36.16	1.22	42.61
4.084	14.45	5.05	0.42	7.0	36.38	1.13	42.62
4.16	14.45	5.05	0.42	7.01	34.36	1.09	42.62
4.213	14.45	5.05	0.3	6.99	34.18	1.11	42.62
4.25	14.45	5.05	0.42	6.98	34.93	1.05	42.62
4.288	14.45	5.05	0.46	6.96	34.4	1.08	42.62
4.334	14.45	5.05	0.38	6.96	33.33	0.99	42.62
4.381	14.45	5.05	0.46	6.94	32.8	0.95	42.62
4.431	14.44	5.05	0.5	6.94	32.47	0.87	42.62
4.492	14.44	5.05	0.3	6.94	32.09	0.87	42.62
4.552	14.44	5.05	0.57	6.96	31.88	0.9	42.63
4.6	14.44	5.05	0.27	6.97	31.34	0.84	42.63
4.64	14.44	5.05	0.3	6.97	30.75	0.85	42.63
4.672	14.44	5.05	0.46	6.97	30.51	0.86	42.63
4.694	14.44	5.05	0.38	6.97	30.12	0.97	42.63
4.726	14.44	5.05	0.46	6.97	29.88	0.79	42.63
4.783	14.44	5.05	0.5	6.96	29.24	0.79	42.63
4.852	14.44	5.05	0.34	6.96	28.91	0.82	42.63
4.91	14.44	5.05	0.46	6.94	28.67	0.8	42.63
4.957	14.44	5.05	0.46	6.94	28.24	0.75	42.63
5.015	14.44	5.05	0.34	6.94	27.78	0.85	42.63
5.089	14.44	5.05	0.27	6.95	27.23	0.68	42.63
5.169	14.44	5.05	0.42	6.95	26.86	0.77	42.63
5.24	14.44	5.05	0.42	6.95	26.64	0.78	42.63
5.296	14.44	5.05	0.42	6.95	26.46	0.79	42.63
5.35	14.44	5.05	0.3	6.95	26.28	0.81	42.63
5.412	14.44	5.05	0.42	6.96	25.94	0.77	42.63
5.476	14.44	5.05	0.3	6.96	25.73	0.73	42.63
5.518	14.44	5.05	0.38	6.96	25.76	0.78	42.63
5.533	14.45	5.05	0.27	6.96	25.68	0.78	42.63
5.536	14.44	5.05	0.3	6.96	25.65	0.79	42.63



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.85	4.98	0.0	6.71	27.35	0.81	42.62
PROF (metros)	0.382	0.382	0.781	0.959	6.254	0.545	0.382
MÁXIMO	13.87	13.87	1.07	7.11	1660.8	1.74	42.63
PROF (metros)	3.764	0.382	1.648	5.429	0.507	2.971	0.419

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E03 - Punto 003	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.86	4.98	0.21	6.84	1236.11	1.25	42.62
1 - 2m	13.86	4.98	0.63	6.88	95.12	1.31	42.62
2 - 3m	13.86	4.98	0.63	6.96	74.48	1.38	42.62
3 - 4m	13.86	4.98	0.66	7.02	56.43	1.4	42.62
4 - 5m	13.86	4.98	0.69	7.07	43.33	1.42	42.62
5 - 6m	13.87	4.98	0.7	7.1	34.43	1.43	42.62
6 - 7m	13.87	4.98	0.7	7.1	28.48	1.46	42.62

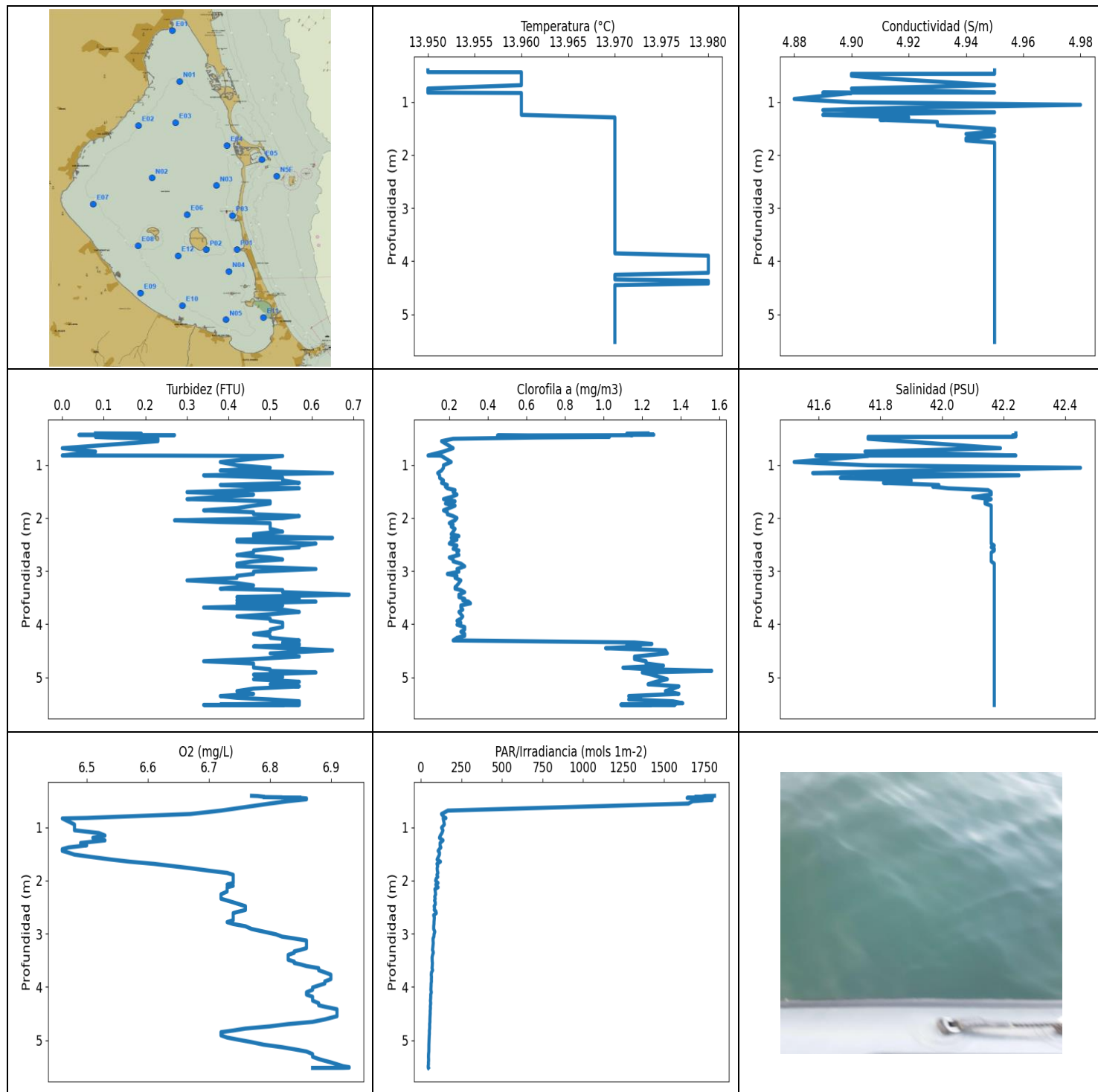
OBSERVACIONES GENERALES

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)
0.382	13.85	4.98	0.19	6.8	1559.4	1.48	42.62
0.419	13.85	4.98	0.15	6.81	1499.8	1.52	42.63
0.461	13.85	4.98	0.19	6.8	1443.9	1.52	42.63
0.494	13.86	4.98	0.11	6.83	1421.6	1.51	42.62
0.501	13.86	4.98	0.19	6.84	1388.1	1.37	42.62
0.506	13.86	4.98	0.19	6.84	1434.9	1.43	42.62
0.507	13.86	4.98	0.04	6.86	1660.8	1.37	42.62
0.509	13.86	4.98	0.15	6.86	1419.3	1.06	42.62
0.516	13.86	4.98	0.11	6.86	1597.4	1.25	42.62
0.522	13.86	4.98	0.11	6.86	1468.2	0.89	42.62
0.545	13.86	4.98	0.11	6.86	1426.2	0.81	42.62
0.592	13.86	4.98	0.08	6.86	1658.1	0.89	42.62
0.651	13.86	4.98	0.08	6.86	210.55	1.23	42.62
0.714	13.86	4.98	0.76	6.87	212.36	1.16	42.62
0.77	13.86	4.98	0.61	6.82	141.06	1.31	42.62
0.781	13.86	4.98	0.0	6.8	134.05	1.32	42.62
0.796	13.86	4.98	0.0	6.78	136.84	1.38	42.62
0.821	13.86	4.98	0.0	6.75	136.78	1.24	42.62
0.862	13.86	4.98	0.0	6.74	136.24	1.24	42.62
0.913	13.86	4.98	0.0	6.72	152.52	1.12	42.62
0.959	13.86	4.98	0.0	6.71	133.09	1.36	42.62
1.006	13.86	4.98	0.53	6.72	126.5	1.26	42.62
1.061	13.86	4.98	0.0	6.73	116.4	1.34	42.62
1.103	13.86	4.98	0.0	6.74	119.49	1.33	42.62
1.14	13.86	4.98	0.0	6.75	117.49	1.17	42.62
1.171	13.86	4.98	0.0	6.76	108.01	1.33	42.62
1.195	13.86	4.98	0.0	6.77	123.61	1.11	42.62
1.283	13.86	4.98	1.03	6.8	104.34	1.23	42.62
1.318	13.86	4.98	0.3	6.81	142.87	1.28	42.62
1.343	13.86	4.98	0.69	6.81	91.41	1.22	42.62
1.427	13.86	4.98	0.0	6.83	105.58	1.24	42.62
1.475	13.86	4.98	0.8	6.84	92.54	1.25	42.62
1.518	13.86	4.98	0.42	6.84	97.72	1.34	42.62
1.562	13.86	4.98	0.46	6.84	100.92	1.25	42.62
1.607	13.86	4.98	0.65	6.86	81.33	1.12	42.62

1.648	13.86	4.98	1.07	6.86	85.88	1.3	42.62
1.689	13.86	4.98	0.57	6.88	100.8	1.26	42.62
1.725	13.86	4.98	0.53	6.89	87.45	1.38	42.62
1.755	13.86	4.98	0.27	6.9	99.13	1.41	42.62
1.776	13.86	4.98	0.57	6.91	87.1	1.48	42.62
1.795	13.86	4.98	0.65	6.93	81.88	1.35	42.62
1.821	13.86	4.98	0.76	6.94	84.01	1.36	42.62
1.863	13.86	4.98	0.57	6.95	91.32	1.28	42.62
1.907	13.86	4.98	0.76	6.95	93.38	1.42	42.62
1.951	13.86	4.98	0.76	6.96	75.45	1.36	42.62
1.987	13.86	4.98	0.57	6.96	83.2	1.36	42.62
2.017	13.86	4.98	0.57	6.94	106.34	1.26	42.62
2.046	13.86	4.98	0.61	6.95	72.56	1.21	42.62
2.073	13.86	4.98	0.65	6.94	78.6	1.26	42.62
2.105	13.86	4.98	0.61	6.94	87.27	1.27	42.62
2.151	13.86	4.98	0.84	6.93	73.31	1.32	42.62
2.206	13.86	4.98	0.57	6.95	83.78	1.29	42.62
2.233	13.86	4.98	0.57	6.92	82.49	1.32	42.63
2.245	13.86	4.98	0.53	6.94	81.39	1.45	42.62
2.264	13.86	4.98	0.69	6.93	71.07	1.37	42.62
2.281	13.86	4.98	0.61	6.94	81.16	1.32	42.62
2.284	13.86	4.98	0.69	6.92	70.69	1.32	42.62
2.288	13.86	4.98	0.53	6.94	77.57	1.37	42.62
2.313	13.86	4.98	0.69	6.94	80.86	1.44	42.62
2.376	13.86	4.98	0.72	6.96	81.22	1.36	42.62
2.461	13.86	4.98	0.76	6.97	73.43	1.39	42.62
2.537	13.86	4.98	0.53	6.99	66.36	1.32	42.62
2.589	13.86	4.98	0.65	7.0	67.63	1.42	42.62
2.615	13.86	4.98	0.69	7.0	73.89	1.45	42.62
2.667	13.86	4.98	0.61	6.99	67.14	1.29	42.62
2.709	13.86	4.98	0.3	6.99	74.66	1.39	42.62
2.746	13.86	4.98	0.57	6.98	68.46	1.48	42.62
2.777	13.86	4.98	0.72	6.98	65.12	1.42	42.62
2.803	13.86	4.98	0.72	6.97	66.77	1.47	42.62
2.831	13.86	4.98	0.57	6.98	69.13	1.36	42.62
2.861	13.86	4.98	0.72	6.98	65.91	1.57	42.62
2.895	13.86	4.98	0.57	6.99	62.53	1.39	42.63
2.93	13.86	4.98	0.69	6.99	65.39	1.38	42.62
2.971	13.86	4.98	0.65	7.0	70.57	1.74	42.62
3.019	13.86	4.98	0.69	7.01	61.43	1.4	42.62
3.074	13.86	4.98	0.57	7.01	60.86	1.42	42.62
3.123	13.86	4.98	0.65	7.02	67.72	1.39	42.62
3.157	13.86	4.98	0.88	7.01	58.39	1.46	42.62
3.184	13.86	4.98	0.69	7.01	64.55	1.48	42.62
3.219	13.86	4.98	0.61	7.01	64.85	1.43	42.62
3.265	13.86	4.98	0.65	7.01	58.48	1.29	42.63
3.318	13.86	4.98	0.57	7.02	55.87	1.4	42.63
3.364	13.86	4.98	0.61	7.02	56.57	1.42	42.62
3.395	13.86	4.98	0.53	7.02	57.01	1.4	42.62
3.42	13.86	4.98	0.57	7.01	58.2	1.43	42.62
3.451	13.86	4.98	0.69	7.02	64.24	1.31	42.62
3.498	13.86	4.98	0.57	7.02	53.97	1.37	42.62
3.552	13.86	4.98	0.69	7.03	53.39	1.42	42.62
3.597	13.86	4.98	0.69	7.03	58.55	1.36	42.62
3.63	13.86	4.98	0.69	7.03	54.0	1.32	42.62
3.656	13.86	4.98	0.57	7.03	52.08	1.23	42.62
3.689	13.86	4.98	0.53	7.04	53.58	1.35	42.62
3.726	13.86	4.98	0.88	7.04	54.77	1.43	42.62

3.764	13.86	4.98	0.69	7.04	54.02	1.41	42.62
3.802	13.87	4.98	0.8	7.04	51.67	1.42	42.62
3.836	13.86	4.98	0.57	7.03	51.32	1.42	42.62
3.86	13.86	4.98	0.65	7.04	49.84	1.37	42.62
3.887	13.86	4.98	0.61	7.04	50.05	1.35	42.62
3.921	13.86	4.98	0.72	7.04	50.1	1.45	42.63
3.967	13.86	4.98	0.88	7.05	51.79	1.53	42.63
4.018	13.86	4.98	0.69	7.05	47.64	1.51	42.62
4.06	13.86	4.98	0.57	7.05	48.02	1.58	42.62
4.1	13.86	4.98	0.65	7.05	49.71	1.54	42.62
4.149	13.86	4.98	0.61	7.06	48.19	1.49	42.62
4.2	13.86	4.98	0.65	7.06	45.84	1.32	42.62
4.24	13.87	4.98	0.72	7.06	46.2	1.35	42.62
4.283	13.86	4.98	0.84	7.06	45.91	1.3	42.62
4.329	13.86	4.98	0.8	7.06	44.97	1.29	42.62
4.37	13.86	4.98	0.72	7.07	44.16	1.32	42.62
4.411	13.86	4.98	0.61	7.07	44.9	1.35	42.62
4.457	13.86	4.98	0.57	7.07	44.45	1.38	42.62
4.502	13.86	4.98	0.69	7.08	42.51	1.45	42.62
4.548	13.86	4.98	0.76	7.08	42.41	1.52	42.62
4.595	13.86	4.98	0.69	7.08	42.6	1.42	42.62
4.638	13.86	4.98	0.88	7.08	43.37	1.44	42.62
4.681	13.86	4.98	0.5	7.09	41.86	1.29	42.62
4.736	13.86	4.98	0.69	7.09	40.58	1.47	42.62
4.785	13.86	4.98	0.65	7.09	40.6	1.69	42.62
4.821	13.86	4.98	0.57	7.09	40.32	1.41	42.62
4.847	13.87	4.98	0.8	7.09	40.47	1.48	42.62
4.863	13.87	4.98	0.72	7.08	40.19	1.35	42.62
4.874	13.86	4.98	0.57	7.08	39.79	1.32	42.62
4.899	13.86	4.98	0.76	7.08	39.97	1.47	42.62
4.942	13.86	4.98	0.76	7.08	40.07	1.3	42.62
4.98	13.86	4.98	0.84	7.08	38.58	1.36	42.62
5.008	13.86	4.98	0.69	7.09	39.26	1.43	42.62
5.029	13.86	4.98	0.88	7.09	38.13	1.47	42.62
5.056	13.86	4.98	0.65	7.09	37.8	1.4	42.62
5.092	13.86	4.98	0.53	7.1	37.8	1.54	42.62
5.137	13.87	4.98	0.92	7.1	38.0	1.39	42.62
5.184	13.86	4.98	0.8	7.1	36.59	1.36	42.62
5.23	13.87	4.98	0.8	7.1	35.88	1.42	42.62
5.278	13.87	4.98	0.72	7.1	35.84	1.39	42.62
5.327	13.87	4.98	0.65	7.1	36.09	1.55	42.62
5.374	13.86	4.98	0.61	7.1	35.23	1.6	42.62
5.429	13.86	4.98	0.46	7.11	34.03	1.48	42.62
5.485	13.86	4.98	0.72	7.11	34.05	1.37	42.62
5.523	13.87	4.98	0.69	7.11	34.34	1.34	42.62
5.561	13.86	4.98	0.61	7.11	33.76	1.36	42.62
5.611	13.86	4.98	0.84	7.11	32.66	1.41	42.62
5.665	13.86	4.98	0.76	7.11	32.82	1.4	42.62
5.718	13.86	4.98	0.61	7.11	32.9	1.46	42.62
5.762	13.87	4.98	0.61	7.11	31.82	1.4	42.62
5.795	13.87	4.98	0.65	7.1	31.59	1.41	42.62
5.828	13.87	4.98	0.8	7.1	32.16	1.34	42.62
5.869	13.87	4.98	0.72	7.1	30.83	1.48	42.62
5.922	13.87	4.98	0.61	7.1	30.32	1.46	42.62
5.985	13.87	4.98	0.69	7.1	29.96	1.39	42.62
6.048	13.87	4.98	0.57	7.1	30.12	1.38	42.62
6.107	13.87	4.98	0.72	7.11	29.39	1.53	42.62
6.16	13.87	4.98	0.69	7.1	28.86	1.53	42.62

6.2	13.86	4.98	0.69	7.1	29.02	1.51	42.62
6.219	13.86	4.98	0.8	7.1	28.4	1.45	42.62
6.227	13.86	4.98	0.92	7.1	28.1	1.44	42.62
6.254	13.87	4.98	0.61	7.1	27.35	1.47	42.62
6.277	13.86	4.98	0.69	7.11	27.98	1.42	42.62
6.286	13.86	4.98	0.57	7.11	27.46	1.51	42.62
6.29	13.86	4.98	0.76	7.1	28.1	1.4	42.62



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	13.95	4.88	0.0	6.46	45.63	0.09	41.52
PROF (metros)	0.41	0.948	0.688	0.835	5.49	0.826	0.948
MÁXIMO	13.98	13.98	0.69	6.93	1810.0	1.56	42.45
PROF (metros)	3.898	1.058	3.446	5.509	0.41	4.88	1.058

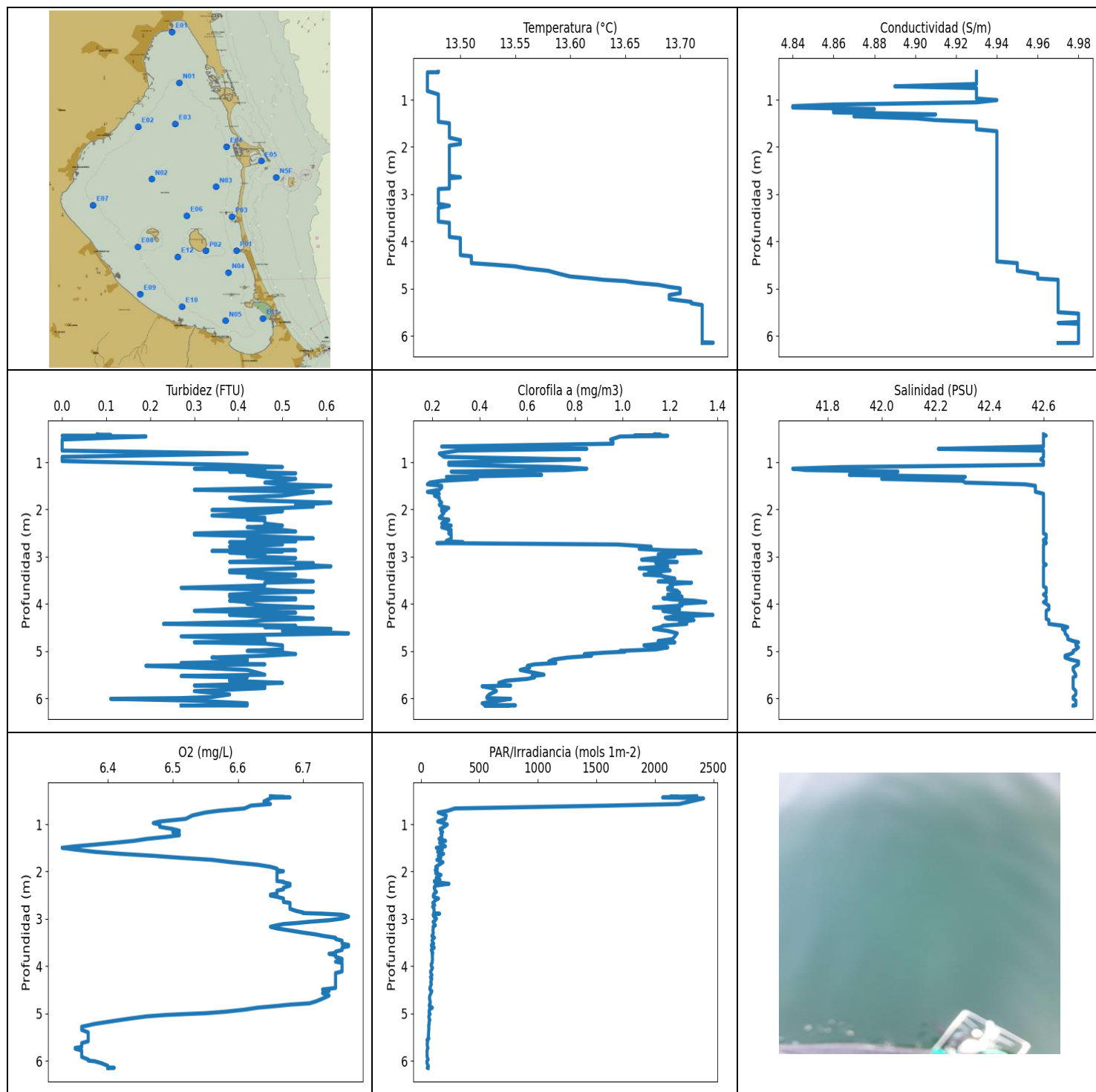
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E02 - Punto 004	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.96	4.93	0.17	6.77	1430.28	0.76	42.04
1 - 2m	13.97	4.93	0.46	6.57	113.48	0.19	42.05
2 - 3m	13.97	4.95	0.49	6.74	88.22	0.23	42.16
3 - 4m	13.97	4.95	0.48	6.86	71.54	0.26	42.17
4 - 5m	13.97	4.95	0.51	6.84	57.53	0.93	42.17
5 - 6m	13.97	4.95	0.48	6.88	47.78	1.26	42.17

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.41	13.95	4.95	0.08	6.77	1810.0	1.23	42.24
0.414	13.95	4.95	0.19	6.78	1751.8	1.12	42.24
0.428	13.95	4.95	0.19	6.79	1730.0	1.17	42.24
0.434	13.95	4.95	0.11	6.79	1688.8	1.26	42.24
0.436	13.95	4.95	0.15	6.8	1791.6	1.14	42.24
0.438	13.95	4.95	0.04	6.81	1798.7	1.14	42.24
0.439	13.95	4.95	0.11	6.82	1714.4	1.14	42.24
0.442	13.95	4.95	0.27	6.82	1689.2	1.15	42.24
0.444	13.96	4.95	0.08	6.85	1750.5	1.08	42.23
0.449	13.96	4.95	0.11	6.85	1641.3	0.45	42.24
0.458	13.96	4.95	0.15	6.86	1764.4	0.65	42.24
0.467	13.96	4.95	0.11	6.86	1789.5	0.7	42.24
0.474	13.96	4.95	0.11	6.86	1685.6	1.03	42.23
0.476	13.96	4.9	0.08	6.86	1744.1	0.98	41.76
0.487	13.96	4.9	0.11	6.85	1795.3	0.65	41.76
0.511	13.96	4.9	0.23	6.83	1675.9	0.22	41.76
0.556	13.96	4.91	0.23	6.8	1648.6	0.16	41.87
0.688	13.96	4.95	0.0	6.72	166.84	0.22	42.19
0.752	13.95	4.9	0.08	6.67	127.62	0.17	41.75
0.826	13.95	4.95	0.0	6.5	147.79	0.09	42.24
0.828	13.95	4.89	0.23	6.49	155.09	0.15	41.59
0.835	13.96	4.9	0.53	6.46	137.9	0.16	41.76
0.948	13.96	4.88	0.38	6.48	145.48	0.21	41.52
1.01	13.96	4.9	0.42	6.48	127.95	0.17	41.76
1.058	13.96	4.98	0.5	6.48	136.78	0.17	42.45
1.109	13.96	4.92	0.38	6.52	130.43	0.16	41.91
1.156	13.96	4.89	0.65	6.53	120.91	0.14	41.58
1.199	13.96	4.95	0.34	6.51	115.04	0.15	42.25
1.247	13.96	4.89	0.53	6.53	137.23	0.15	41.67
1.296	13.97	4.92	0.53	6.49	118.94	0.17	41.9
1.341	13.97	4.91	0.57	6.5	118.86	0.16	41.81
1.38	13.97	4.93	0.38	6.47	123.89	0.19	41.99
1.412	13.97	4.93	0.46	6.46	114.27	0.18	41.97
1.444	13.97	4.93	0.57	6.46	106.79	0.19	42.02
1.477	13.97	4.94	0.46	6.47	115.57	0.23	42.15
1.515	13.97	4.95	0.3	6.48	115.01	0.22	42.16

1.562	13.97	4.95	0.46	6.51	107.46	0.24	42.16
1.607	13.97	4.94	0.38	6.54	100.54	0.21	42.1
1.647	13.97	4.95	0.3	6.57	121.39	0.17	42.16
1.688	13.97	4.94	0.5	6.61	99.66	0.23	42.14
1.729	13.97	4.94	0.5	6.64	104.39	0.18	42.14
1.77	13.97	4.95	0.46	6.67	100.85	0.23	42.16
1.816	13.97	4.95	0.42	6.7	102.12	0.2	42.16
1.858	13.97	4.95	0.34	6.73	105.68	0.17	42.16
1.894	13.97	4.95	0.46	6.74	99.57	0.19	42.16
1.932	13.97	4.95	0.46	6.74	104.95	0.19	42.16
1.966	13.97	4.95	0.57	6.74	95.3	0.22	42.16
2.004	13.97	4.95	0.53	6.74	91.41	0.24	42.16
2.047	13.97	4.95	0.27	6.74	106.29	0.23	42.16
2.078	13.97	4.95	0.38	6.73	92.49	0.21	42.16
2.1	13.97	4.95	0.5	6.74	95.54	0.2	42.16
2.129	13.97	4.95	0.5	6.73	106.79	0.22	42.16
2.164	13.97	4.95	0.5	6.73	87.15	0.21	42.16
2.208	13.97	4.95	0.5	6.73	89.44	0.23	42.16
2.26	13.97	4.95	0.53	6.72	91.47	0.22	42.16
2.306	13.97	4.95	0.46	6.72	86.02	0.21	42.16
2.343	13.97	4.95	0.46	6.72	88.96	0.25	42.16
2.377	13.97	4.95	0.65	6.73	85.09	0.21	42.16
2.411	13.97	4.95	0.42	6.74	89.29	0.24	42.16
2.447	13.97	4.95	0.42	6.75	89.44	0.21	42.16
2.484	13.97	4.95	0.61	6.76	82.56	0.2	42.16
2.521	13.97	4.95	0.57	6.76	85.31	0.24	42.17
2.554	13.97	4.95	0.57	6.76	83.24	0.23	42.16
2.583	13.97	4.95	0.5	6.75	93.27	0.22	42.17
2.614	13.97	4.95	0.46	6.74	95.61	0.25	42.17
2.653	13.97	4.95	0.46	6.74	79.41	0.24	42.16
2.699	13.97	4.95	0.42	6.74	83.7	0.25	42.16
2.746	13.97	4.95	0.5	6.74	82.6	0.2	42.16
2.783	13.97	4.95	0.53	6.73	81.65	0.22	42.16
2.819	13.97	4.95	0.46	6.74	81.4	0.22	42.16
2.861	13.97	4.95	0.42	6.76	79.76	0.26	42.17
2.912	13.97	4.95	0.42	6.77	79.5	0.28	42.17
2.963	13.97	4.95	0.61	6.79	86.42	0.24	42.17
3.013	13.97	4.95	0.46	6.81	81.84	0.25	42.17
3.056	13.97	4.95	0.46	6.82	80.8	0.19	42.17
3.091	13.97	4.95	0.42	6.84	75.55	0.24	42.17
3.129	13.97	4.95	0.42	6.86	75.62	0.23	42.17
3.177	13.97	4.95	0.3	6.86	76.88	0.26	42.17
3.227	13.97	4.95	0.42	6.86	75.22	0.25	42.17
3.272	13.97	4.95	0.46	6.86	73.65	0.24	42.17
3.306	13.97	4.95	0.42	6.85	72.21	0.23	42.17
3.333	13.97	4.95	0.38	6.84	75.87	0.23	42.17
3.36	13.97	4.95	0.53	6.84	77.27	0.26	42.17
3.399	13.97	4.95	0.53	6.83	72.87	0.28	42.17
3.446	13.97	4.95	0.69	6.83	69.73	0.25	42.17
3.491	13.97	4.95	0.42	6.83	70.26	0.25	42.17
3.525	13.97	4.95	0.57	6.84	70.64	0.28	42.17
3.552	13.97	4.95	0.42	6.84	71.91	0.27	42.17
3.577	13.97	4.95	0.61	6.85	71.17	0.3	42.17
3.609	13.97	4.95	0.42	6.86	70.77	0.31	42.17
3.649	13.97	4.95	0.53	6.88	69.36	0.26	42.17
3.688	13.97	4.95	0.34	6.88	72.9	0.26	42.17
3.727	13.97	4.95	0.53	6.89	66.19	0.27	42.17
3.771	13.97	4.95	0.57	6.9	64.56	0.25	42.17

3.814	13.97	4.95	0.5	6.9	66.2	0.26	42.17
3.855	13.97	4.95	0.42	6.9	65.39	0.27	42.17
3.898	13.98	4.95	0.5	6.89	65.9	0.26	42.17
3.937	13.98	4.95	0.5	6.89	63.7	0.24	42.17
3.974	13.98	4.95	0.53	6.88	63.6	0.26	42.17
4.011	13.98	4.95	0.53	6.87	63.0	0.24	42.17
4.055	13.98	4.95	0.53	6.87	62.29	0.28	42.17
4.102	13.98	4.95	0.5	6.86	65.08	0.28	42.17
4.145	13.98	4.95	0.5	6.86	61.14	0.26	42.17
4.185	13.98	4.95	0.46	6.87	61.41	0.28	42.17
4.221	13.98	4.95	0.5	6.87	60.89	0.28	42.17
4.258	13.97	4.95	0.5	6.87	59.37	0.24	42.17
4.307	13.97	4.95	0.57	6.88	61.17	0.22	42.17
4.346	13.97	4.95	0.53	6.88	59.59	1.16	42.17
4.373	13.98	4.95	0.57	6.89	58.54	1.25	42.17
4.396	13.98	4.95	0.57	6.9	59.77	1.12	42.17
4.421	13.98	4.95	0.46	6.91	58.97	1.19	42.17
4.453	13.97	4.95	0.53	6.91	57.93	1.01	42.17
4.494	13.97	4.95	0.65	6.91	58.22	1.32	42.17
4.551	13.97	4.95	0.5	6.91	57.05	1.33	42.17
4.611	13.97	4.95	0.57	6.89	56.23	1.16	42.17
4.658	13.97	4.95	0.46	6.87	56.29	1.16	42.17
4.699	13.97	4.95	0.34	6.83	54.6	1.22	42.17
4.742	13.97	4.95	0.46	6.8	54.88	1.22	42.17
4.783	13.97	4.95	0.46	6.76	54.58	1.31	42.17
4.82	13.97	4.95	0.46	6.74	53.06	1.1	42.17
4.851	13.97	4.95	0.5	6.72	53.25	1.23	42.17
4.88	13.97	4.95	0.5	6.72	53.2	1.56	42.17
4.911	13.97	4.95	0.61	6.72	52.3	1.2	42.17
4.952	13.97	4.95	0.46	6.73	51.86	1.25	42.17
4.996	13.97	4.95	0.53	6.75	51.18	1.29	42.17
5.038	13.97	4.95	0.46	6.77	50.52	1.33	42.17
5.086	13.97	4.95	0.57	6.79	50.03	1.27	42.17
5.133	13.97	4.95	0.5	6.82	50.08	1.23	42.17
5.172	13.97	4.95	0.57	6.84	49.85	1.39	42.17
5.214	13.97	4.95	0.46	6.86	49.62	1.36	42.17
5.262	13.97	4.95	0.42	6.87	48.02	1.32	42.17
5.313	13.97	4.95	0.46	6.87	47.48	1.39	42.17
5.355	13.97	4.95	0.38	6.88	48.11	1.13	42.17
5.388	13.97	4.95	0.42	6.89	48.18	1.19	42.17
5.418	13.97	4.95	0.5	6.9	47.13	1.13	42.17
5.454	13.97	4.95	0.57	6.91	47.4	1.36	42.17
5.49	13.97	4.95	0.57	6.92	45.62	1.41	42.17
5.509	13.97	4.95	0.42	6.93	46.54	1.21	42.17
5.514	13.97	4.95	0.38	6.93	47.08	1.09	42.17
5.517	13.97	4.95	0.46	6.93	46.36	1.15	42.17
5.52	13.97	4.95	0.5	6.92	46.19	1.25	42.17
5.521	13.97	4.95	0.57	6.92	46.5	1.37	42.17
5.522	13.97	4.95	0.34	6.88	46.39	1.09	42.17
5.523	13.97	4.95	0.53	6.87	46.61	1.24	42.17



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/m ³)	Salinidad (PSU)
MÍNIMO	13.47	4.84	0.0	6.33	51.97	0.18	41.67
PROF (metros)	0.419	1.136	0.44	1.498	6.01	1.467	1.136
MÁXIMO	13.73	13.73	0.65	6.77	2416.5	1.38	42.73
PROF (metros)	6.145	5.529	4.623	2.952	0.454	4.233	4.813

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N02 - Punto 005	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.47	4.93	0.16	6.64	1946.99	0.98	42.6
1 - 2m	13.49	4.91	0.46	6.5	168.32	0.33	42.36
2 - 3m	13.49	4.94	0.44	6.68	125.81	0.51	42.6
3 - 4m	13.49	4.94	0.47	6.73	102.34	1.19	42.6
4 - 5m	13.56	4.95	0.46	6.72	83.43	1.19	42.66
5 - 6m	13.71	4.97	0.39	6.39	63.39	0.62	42.71
6 - 7m	13.72	4.98	0.33	6.4	57.21	0.48	42.71

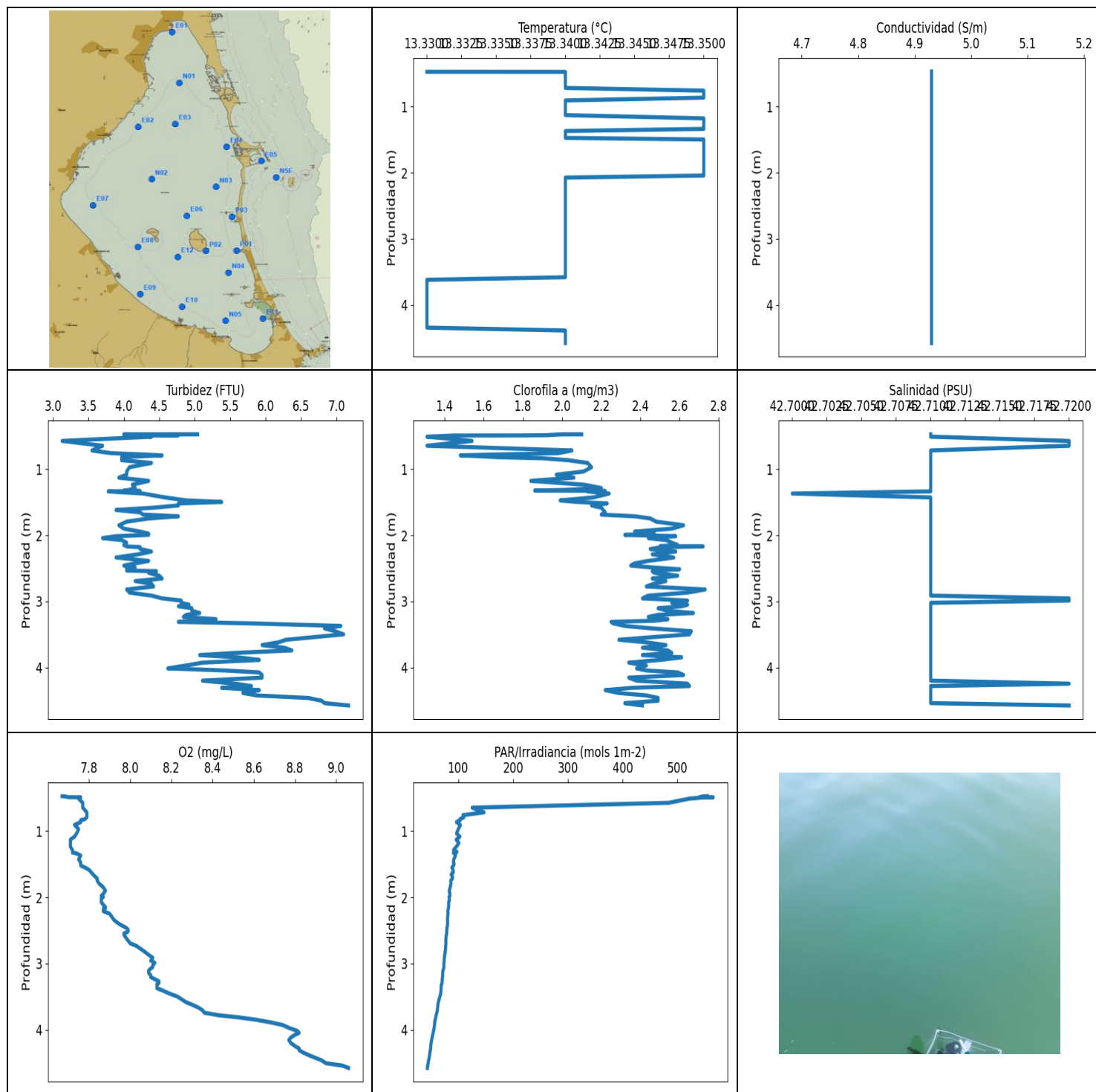
OBSERVACIONES GENERALES

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)
0.408	13.48	4.93	0.08	6.65	2356.8	1.14	42.6
0.417	13.48	4.93	0.08	6.66	2238.6	1.16	42.6
0.419	13.47	4.93	0.11	6.67	2129.8	1.13	42.6
0.425	13.47	4.93	0.11	6.67	2203.1	1.15	42.6
0.435	13.47	4.93	0.11	6.68	2067.0	1.05	42.61
0.44	13.47	4.93	0.0	6.65	2209.2	1.19	42.6
0.454	13.47	4.93	0.19	6.65	2416.5	0.99	42.6
0.518	13.47	4.93	0.0	6.64	2303.3	0.95	42.6
0.573	13.47	4.93	0.0	6.65	2207.7	0.96	42.6
0.607	13.47	4.93	0.0	6.62	1602.6	0.96	42.6
0.667	13.47	4.93	0.0	6.61	290.04	0.24	42.6
0.716	13.47	4.89	0.0	6.57	231.16	0.85	42.21
0.753	13.47	4.93	0.0	6.55	148.82	0.31	42.6
0.815	13.47	4.93	0.42	6.53	217.14	0.23	42.6
0.886	13.48	4.93	0.0	6.52	210.4	0.25	42.6
0.942	13.48	4.93	0.0	6.48	144.2	0.82	42.59
0.975	13.48	4.93	0.0	6.47	193.34	0.52	42.6
1.007	13.48	4.94	0.15	6.48	226.18	0.27	42.6
1.055	13.48	4.93	0.38	6.48	198.37	0.27	42.6
1.102	13.48	4.86	0.5	6.5	164.34	0.74	41.85
1.136	13.48	4.84	0.3	6.51	170.79	0.85	41.67
1.165	13.48	4.84	0.46	6.5	186.3	0.76	41.72
1.198	13.48	4.88	0.38	6.51	171.26	0.28	42.06
1.233	13.48	4.86	0.53	6.51	179.93	0.5	41.91
1.268	13.48	4.86	0.42	6.49	179.06	0.66	41.88
1.31	13.48	4.91	0.46	6.46	154.95	0.26	42.31
1.352	13.48	4.87	0.53	6.44	211.14	0.39	42.0
1.393	13.48	4.9	0.5	6.41	159.91	0.24	42.3
1.431	13.48	4.91	0.46	6.38	179.68	0.19	42.31
1.467	13.48	4.93	0.5	6.35	210.11	0.18	42.53
1.498	13.49	4.93	0.61	6.33	131.89	0.24	42.57
1.536	13.49	4.93	0.53	6.35	183.17	0.24	42.57
1.583	13.49	4.93	0.3	6.38	143.6	0.23	42.57
1.626	13.49	4.93	0.57	6.42	194.5	0.18	42.57
1.667	13.49	4.94	0.53	6.47	149.06	0.23	42.6

1.708	13.49	4.94	0.5	6.51	170.55	0.21	42.6
1.752	13.49	4.94	0.38	6.56	137.19	0.23	42.6
1.803	13.49	4.94	0.42	6.59	188.73	0.23	42.6
1.856	13.5	4.94	0.61	6.63	155.05	0.24	42.6
1.9	13.5	4.94	0.53	6.65	127.62	0.23	42.6
1.938	13.5	4.94	0.57	6.66	141.13	0.24	42.6
1.97	13.49	4.94	0.5	6.66	122.35	0.27	42.6
1.994	13.49	4.94	0.42	6.67	139.47	0.24	42.6
2.013	13.49	4.94	0.34	6.66	141.19	0.26	42.6
2.035	13.49	4.94	0.5	6.66	126.77	0.24	42.6
2.072	13.49	4.94	0.46	6.66	172.14	0.25	42.6
2.128	13.49	4.94	0.34	6.66	131.22	0.24	42.6
2.174	13.49	4.94	0.46	6.66	163.51	0.23	42.6
2.201	13.49	4.94	0.46	6.66	115.84	0.25	42.6
2.215	13.49	4.94	0.42	6.67	116.16	0.27	42.6
2.229	13.49	4.94	0.46	6.67	138.09	0.27	42.6
2.258	13.49	4.94	0.46	6.68	240.4	0.25	42.6
2.298	13.49	4.94	0.46	6.68	122.38	0.24	42.6
2.342	13.49	4.94	0.5	6.67	113.66	0.28	42.6
2.376	13.49	4.94	0.42	6.67	118.45	0.24	42.6
2.404	13.49	4.94	0.46	6.66	123.84	0.26	42.6
2.434	13.49	4.94	0.5	6.66	132.88	0.28	42.6
2.466	13.49	4.94	0.53	6.66	113.55	0.27	42.6
2.489	13.49	4.94	0.38	6.65	109.39	0.28	42.6
2.508	13.49	4.94	0.3	6.65	106.34	0.27	42.6
2.533	13.49	4.94	0.3	6.66	107.38	0.28	42.61
2.57	13.49	4.94	0.46	6.67	150.94	0.28	42.61
2.612	13.49	4.94	0.57	6.67	119.02	0.28	42.61
2.644	13.5	4.94	0.42	6.67	114.69	0.27	42.6
2.662	13.49	4.94	0.46	6.68	101.81	0.26	42.6
2.676	13.49	4.94	0.53	6.68	105.34	0.27	42.6
2.694	13.49	4.94	0.38	6.68	114.11	0.33	42.61
2.712	13.49	4.94	0.5	6.68	118.64	0.22	42.61
2.742	13.49	4.94	0.5	6.68	100.71	0.98	42.6
2.788	13.49	4.94	0.38	6.68	112.58	1.12	42.6
2.835	13.49	4.94	0.42	6.69	112.82	1.07	42.6
2.865	13.49	4.94	0.53	6.7	112.14	1.18	42.6
2.878	13.49	4.94	0.34	6.7	111.83	1.31	42.6
2.891	13.48	4.94	0.5	6.73	160.43	1.28	42.6
2.913	13.48	4.94	0.38	6.76	105.26	1.33	42.6
2.952	13.48	4.94	0.46	6.77	110.69	1.15	42.6
2.994	13.48	4.94	0.42	6.76	133.28	1.22	42.6
3.03	13.48	4.94	0.53	6.74	123.49	1.13	42.6
3.062	13.48	4.94	0.46	6.71	104.95	1.08	42.6
3.089	13.48	4.94	0.46	6.69	109.93	1.16	42.6
3.11	13.48	4.94	0.38	6.67	115.7	1.23	42.6
3.136	13.48	4.94	0.57	6.66	124.44	1.14	42.6
3.168	13.48	4.94	0.53	6.65	104.2	1.17	42.61
3.203	13.48	4.94	0.61	6.66	106.29	1.19	42.6
3.246	13.49	4.94	0.53	6.68	102.57	1.07	42.6
3.291	13.48	4.94	0.38	6.7	106.2	1.2	42.6
3.33	13.48	4.94	0.38	6.72	103.84	1.11	42.6
3.358	13.48	4.94	0.46	6.73	94.36	1.16	42.6
3.379	13.48	4.94	0.53	6.74	103.81	1.09	42.6
3.4	13.48	4.94	0.53	6.75	116.46	1.16	42.6
3.426	13.48	4.94	0.42	6.75	100.52	1.18	42.6
3.462	13.48	4.94	0.46	6.76	95.59	1.22	42.6
3.498	13.48	4.94	0.53	6.76	102.73	1.2	42.6

3.525	13.48	4.94	0.57	6.76	109.37	1.15	42.6
3.551	13.48	4.94	0.46	6.77	90.63	1.29	42.6
3.58	13.48	4.94	0.46	6.77	92.17	1.2	42.6
3.607	13.49	4.94	0.46	6.76	114.13	1.21	42.6
3.63	13.49	4.94	0.38	6.76	105.41	1.21	42.6
3.659	13.49	4.94	0.27	6.76	89.48	1.19	42.61
3.694	13.49	4.94	0.46	6.75	95.54	1.19	42.61
3.72	13.49	4.94	0.5	6.75	102.52	1.23	42.61
3.738	13.49	4.94	0.57	6.74	96.12	1.23	42.61
3.764	13.49	4.94	0.46	6.75	99.41	1.24	42.61
3.803	13.49	4.94	0.38	6.75	98.04	1.19	42.6
3.845	13.49	4.94	0.38	6.76	99.22	1.25	42.61
3.879	13.49	4.94	0.53	6.76	99.02	1.17	42.61
3.906	13.49	4.94	0.53	6.75	96.26	1.21	42.61
3.931	13.5	4.94	0.38	6.76	97.15	1.3	42.61
3.962	13.5	4.94	0.42	6.76	88.67	1.35	42.6
3.998	13.5	4.94	0.42	6.76	89.04	1.24	42.61
4.035	13.5	4.94	0.46	6.76	99.96	1.25	42.62
4.075	13.5	4.94	0.57	6.76	92.88	1.13	42.62
4.113	13.5	4.94	0.38	6.76	83.01	1.24	42.62
4.147	13.5	4.94	0.3	6.75	85.46	1.17	42.61
4.188	13.5	4.94	0.53	6.75	95.04	1.22	42.61
4.233	13.5	4.94	0.38	6.75	82.16	1.38	42.61
4.265	13.5	4.94	0.46	6.75	94.01	1.22	42.61
4.29	13.5	4.94	0.53	6.75	87.94	1.18	42.61
4.315	13.51	4.94	0.57	6.75	88.41	1.19	42.61
4.344	13.51	4.94	0.46	6.75	84.21	1.3	42.62
4.383	13.51	4.94	0.42	6.75	89.58	1.24	42.62
4.424	13.51	4.94	0.23	6.75	82.97	1.27	42.62
4.461	13.51	4.95	0.53	6.75	76.77	1.17	42.67
4.493	13.53	4.95	0.46	6.73	78.1	1.16	42.69
4.528	13.55	4.95	0.61	6.74	93.94	1.13	42.67
4.571	13.56	4.95	0.5	6.73	86.4	1.19	42.68
4.623	13.58	4.95	0.65	6.74	76.57	1.23	42.68
4.687	13.59	4.96	0.27	6.73	73.41	1.22	42.69
4.744	13.6	4.96	0.46	6.72	79.91	1.21	42.69
4.786	13.62	4.96	0.46	6.71	79.93	1.15	42.71
4.813	13.63	4.97	0.3	6.68	73.24	1.22	42.73
4.841	13.65	4.97	0.46	6.66	72.13	1.16	42.72
4.878	13.66	4.97	0.5	6.63	98.4	1.09	42.72
4.92	13.68	4.97	0.5	6.61	72.75	1.19	42.73
4.964	13.69	4.97	0.5	6.58	70.33	1.14	42.72
4.995	13.7	4.97	0.42	6.55	71.7	0.99	42.71
5.012	13.7	4.97	0.5	6.52	79.21	1.01	42.71
5.031	13.7	4.97	0.5	6.49	72.18	0.93	42.71
5.061	13.7	4.97	0.53	6.46	68.35	0.84	42.7
5.097	13.7	4.97	0.46	6.44	69.73	0.87	42.68
5.136	13.69	4.97	0.34	6.42	76.88	0.77	42.68
5.178	13.69	4.97	0.42	6.4	70.43	0.71	42.7
5.22	13.69	4.97	0.42	6.38	70.77	0.69	42.73
5.252	13.7	4.97	0.27	6.37	66.49	0.72	42.73
5.28	13.71	4.97	0.46	6.36	67.9	0.63	42.73
5.311	13.71	4.97	0.19	6.36	68.21	0.6	42.72
5.348	13.72	4.97	0.3	6.36	67.5	0.61	42.71
5.399	13.72	4.97	0.42	6.37	66.19	0.57	42.71
5.5	13.72	4.97	0.46	6.37	63.73	0.67	42.72
5.529	13.72	4.98	0.27	6.37	68.38	0.62	42.72
5.557	13.72	4.98	0.42	6.37	52.63	0.63	42.71

5.588	13.72	4.98	0.38	6.37	58.25	0.6	42.71
5.627	13.72	4.98	0.38	6.36	54.65	0.51	42.71
5.673	13.72	4.98	0.5	6.36	54.98	0.48	42.71
5.708	13.72	4.98	0.38	6.36	56.93	0.49	42.71
5.728	13.72	4.97	0.3	6.35	60.68	0.53	42.71
5.745	13.72	4.98	0.46	6.35	56.38	0.41	42.71
5.783	13.72	4.98	0.46	6.36	53.44	0.45	42.71
5.846	13.72	4.98	0.3	6.36	53.16	0.47	42.72
5.918	13.72	4.98	0.38	6.36	53.84	0.44	42.72
5.972	13.72	4.98	0.34	6.37	62.16	0.43	42.71
5.996	13.72	4.98	0.27	6.37	55.04	0.43	42.71
6.01	13.72	4.98	0.11	6.38	51.97	0.53	42.71
6.049	13.72	4.98	0.3	6.39	52.09	0.48	42.72
6.106	13.72	4.98	0.42	6.4	63.28	0.41	42.72
6.138	13.72	4.98	0.38	6.4	58.14	0.47	42.72
6.145	13.73	4.98	0.38	6.4	57.27	0.43	42.72
6.148	13.73	4.98	0.42	6.41	54.56	0.55	42.71
6.15	13.73	4.98	0.38	6.4	54.31	0.47	42.71
6.151	13.72	4.98	0.34	6.4	60.73	0.42	42.71
6.152	13.72	4.97	0.27	6.4	62.5	0.52	42.71


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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.33	4.93	3.13	7.67	43.6	1.31	42.7
PROF (metros)	0.475	0.475	0.575	0.475	4.574	0.511	1.37
MÁXIMO	13.35	13.35	7.17	9.06	565.28	2.73	42.72
PROF (metros)	0.76	0.475	4.574	4.574	0.492	2.82	0.575

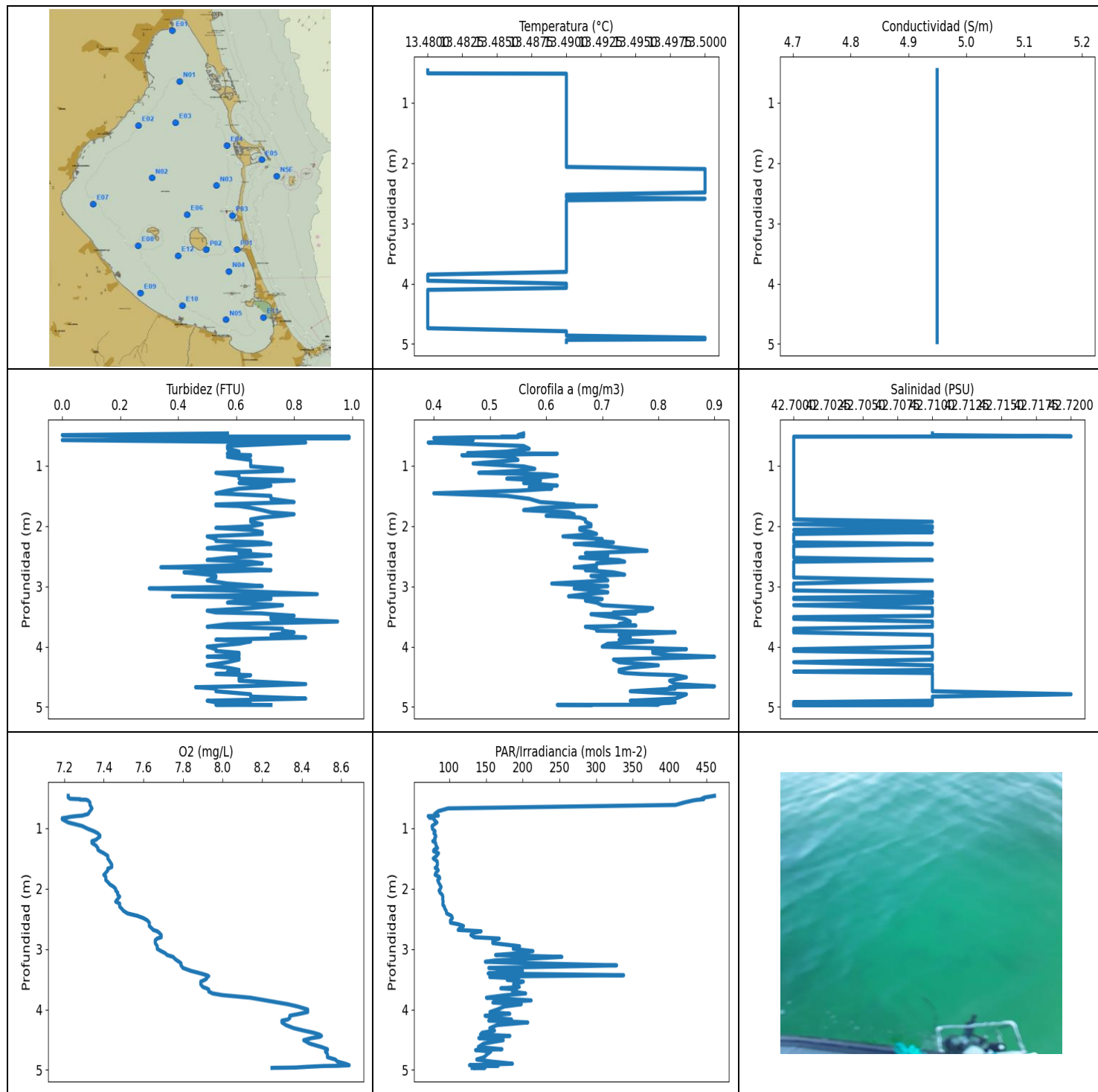
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E07 - Punto 006	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.34	4.93	4.13	7.75	297.52	1.8	42.71
1 - 2m	13.35	4.93	4.29	7.78	91.23	2.21	42.71
2 - 3m	13.34	4.93	4.2	7.96	79.21	2.52	42.71
3 - 4m	13.34	4.93	5.61	8.27	66.09	2.49	42.71
4 - 5m	13.33	4.93	5.91	8.86	49.09	2.44	42.71

OBSERVACIONES GENERALES
CLOROFILA elevada en la(s) columna(s) de agua 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m con los valores 2.21, 2.52, 2.49, 2.44 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)
0.475	13.33	4.93	5.04	7.67	554.89	2.1	42.71
0.476	13.34	4.93	4.0	7.68	547.48	2.0	42.71
0.489	13.34	4.93	4.77	7.7	540.3	1.91	42.71
0.492	13.34	4.93	4.62	7.76	565.28	1.79	42.71
0.493	13.34	4.93	4.2	7.75	548.62	1.45	42.71
0.511	13.34	4.93	4.39	7.75	521.96	1.31	42.71
0.575	13.34	4.93	3.13	7.77	483.97	1.54	42.72
0.648	13.34	4.93	3.7	7.77	125.39	1.31	42.72
0.719	13.34	4.93	3.55	7.79	146.97	2.05	42.71
0.76	13.35	4.93	3.82	7.79	108.64	1.98	42.71
0.793	13.35	4.93	4.54	7.79	110.16	1.48	42.71
0.821	13.35	4.93	3.97	7.78	103.0	1.68	42.71
0.837	13.35	4.93	3.97	7.76	103.31	1.9	42.71
0.866	13.35	4.93	3.97	7.76	96.66	2.03	42.71
0.908	13.34	4.93	4.39	7.73	103.81	2.13	42.71
0.972	13.34	4.93	4.08	7.75	99.87	2.15	42.71
1.037	13.34	4.93	4.04	7.74	97.02	2.11	42.71
1.085	13.34	4.93	4.04	7.73	102.85	1.97	42.71
1.13	13.34	4.93	3.93	7.71	96.23	2.06	42.71
1.179	13.35	4.93	4.35	7.71	101.13	1.84	42.71
1.236	13.35	4.93	4.12	7.71	96.46	2.11	42.71
1.287	13.35	4.93	4.16	7.72	91.32	2.2	42.71
1.315	13.35	4.93	4.08	7.72	97.54	2.02	42.71
1.325	13.35	4.93	4.0	7.72	95.46	1.86	42.71
1.331	13.35	4.93	4.23	7.73	90.98	2.22	42.71
1.338	13.35	4.93	3.78	7.74	95.02	2.13	42.71
1.37	13.34	4.93	4.27	7.76	94.8	2.24	42.7
1.429	13.34	4.93	4.58	7.75	91.62	2.16	42.71
1.474	13.34	4.93	4.88	7.76	91.13	1.99	42.71
1.498	13.35	4.93	5.38	7.76	92.34	2.08	42.71
1.52	13.35	4.93	4.77	7.76	91.41	2.23	42.71
1.55	13.35	4.93	4.77	7.78	88.35	2.15	42.71
1.584	13.35	4.93	4.42	7.8	90.23	2.2	42.71
1.619	13.35	4.93	3.89	7.81	91.03	2.21	42.71
1.655	13.35	4.93	4.23	7.82	87.02	2.22	42.71

1.689	13.35	4.93	4.27	7.83	89.44	2.2	42.71
1.714	13.35	4.93	4.77	7.84	89.29	2.37	42.71
1.747	13.35	4.93	4.35	7.84	86.26	2.45	42.71
1.795	13.35	4.93	4.04	7.85	86.6	2.48	42.71
1.85	13.35	4.93	3.93	7.87	85.17	2.62	42.71
1.901	13.35	4.93	4.0	7.88	83.45	2.56	42.71
1.946	13.35	4.93	4.23	7.87	84.64	2.37	42.71
1.977	13.35	4.93	4.35	7.86	84.56	2.47	42.71
1.995	13.35	4.93	4.35	7.87	83.18	2.32	42.71
2.015	13.35	4.93	3.89	7.86	83.72	2.58	42.71
2.043	13.35	4.93	3.7	7.86	83.56	2.44	42.71
2.074	13.34	4.93	3.97	7.86	82.39	2.53	42.71
2.113	13.34	4.93	4.04	7.87	82.47	2.56	42.71
2.149	13.34	4.93	4.0	7.88	82.26	2.59	42.71
2.165	13.34	4.93	4.04	7.88	82.07	2.5	42.71
2.17	13.34	4.93	4.04	7.87	81.78	2.72	42.71
2.18	13.34	4.93	4.23	7.87	81.54	2.51	42.71
2.209	13.34	4.93	4.23	7.87	80.94	2.45	42.71
2.247	13.34	4.93	4.39	7.9	81.24	2.58	42.71
2.289	13.34	4.93	4.2	7.91	80.65	2.46	42.71
2.337	13.34	4.93	3.89	7.92	80.32	2.57	42.71
2.388	13.34	4.93	4.35	7.94	80.56	2.44	42.71
2.426	13.34	4.93	4.16	7.96	80.02	2.37	42.71
2.459	13.34	4.93	4.0	7.98	79.32	2.35	42.71
2.488	13.34	4.93	4.16	7.99	78.9	2.46	42.71
2.514	13.34	4.93	4.04	7.99	78.97	2.6	42.71
2.534	13.34	4.93	4.04	7.98	78.72	2.49	42.71
2.544	13.34	4.93	4.46	7.97	78.93	2.46	42.71
2.568	13.34	4.93	4.35	7.97	78.12	2.47	42.71
2.612	13.34	4.93	4.5	7.98	77.56	2.59	42.71
2.655	13.34	4.93	4.54	7.99	77.23	2.46	42.71
2.693	13.34	4.93	4.16	8.0	77.52	2.53	42.71
2.733	13.34	4.93	4.39	8.03	76.93	2.47	42.71
2.775	13.34	4.93	4.42	8.05	76.8	2.43	42.71
2.82	13.34	4.93	4.04	8.07	76.01	2.73	42.71
2.868	13.34	4.93	4.08	8.09	75.24	2.64	42.71
2.913	13.34	4.93	4.39	8.11	74.49	2.44	42.71
2.955	13.34	4.93	4.54	8.1	74.18	2.41	42.72
2.988	13.34	4.93	4.81	8.12	73.82	2.64	42.72
3.022	13.34	4.93	4.81	8.11	73.56	2.56	42.71
3.051	13.34	4.93	4.92	8.11	73.79	2.64	42.71
3.074	13.34	4.93	4.77	8.1	73.17	2.61	42.71
3.104	13.34	4.93	4.96	8.09	72.0	2.49	42.71
3.143	13.34	4.93	4.96	8.09	71.48	2.54	42.71
3.176	13.34	4.93	5.07	8.1	71.56	2.67	42.71
3.204	13.34	4.93	4.88	8.1	71.18	2.49	42.71
3.235	13.34	4.93	4.84	8.12	70.72	2.44	42.71
3.269	13.34	4.93	5.3	8.14	70.59	2.54	42.71
3.293	13.34	4.93	5.19	8.14	70.25	2.47	42.71
3.31	13.34	4.93	4.77	8.13	69.5	2.25	42.71
3.332	13.34	4.93	5.76	8.13	68.67	2.26	42.71
3.371	13.34	4.93	7.06	8.13	68.53	2.32	42.71
3.409	13.34	4.93	6.83	8.16	68.4	2.46	42.71
3.451	13.34	4.93	6.98	8.19	67.83	2.66	42.71
3.498	13.34	4.93	7.1	8.23	66.45	2.65	42.71
3.58	13.34	4.93	6.29	8.27	63.58	2.29	42.71
3.619	13.33	4.93	6.18	8.3	62.78	2.43	42.71
3.661	13.33	4.93	5.95	8.33	62.26	2.53	42.71

3.7	13.33	4.93	6.26	8.35	61.81	2.41	42.71
3.741	13.33	4.93	6.37	8.36	60.9	2.54	42.71
3.779	13.33	4.93	5.57	8.43	59.48	2.56	42.71
3.812	13.33	4.93	5.07	8.53	58.81	2.41	42.71
3.846	13.33	4.93	5.61	8.61	57.79	2.61	42.71
3.885	13.33	4.93	5.91	8.68	56.97	2.5	42.71
3.926	13.33	4.93	5.11	8.74	56.63	2.34	42.71
3.969	13.33	4.93	4.88	8.77	55.74	2.43	42.71
4.013	13.33	4.93	4.62	8.81	54.83	2.38	42.71
4.044	13.33	4.93	5.42	8.82	54.17	2.43	42.71
4.074	13.33	4.93	5.91	8.8	53.25	2.59	42.71
4.113	13.33	4.93	5.95	8.78	52.31	2.62	42.71
4.153	13.33	4.93	5.95	8.77	51.36	2.34	42.71
4.198	13.33	4.93	5.11	8.78	50.41	2.38	42.71
4.244	13.33	4.93	5.57	8.8	49.62	2.64	42.72
4.28	13.33	4.93	5.8	8.82	49.57	2.65	42.71
4.306	13.33	4.93	5.38	8.82	48.99	2.36	42.71
4.342	13.33	4.93	5.91	8.84	48.18	2.22	42.71
4.385	13.34	4.93	5.68	8.87	47.37	2.29	42.71
4.422	13.34	4.93	5.88	8.9	46.8	2.43	42.71
4.46	13.34	4.93	6.6	8.93	45.75	2.49	42.71
4.502	13.34	4.93	6.79	8.95	45.05	2.49	42.71
4.538	13.34	4.93	6.83	9.03	44.12	2.32	42.71
4.574	13.34	4.93	7.17	9.06	43.6	2.41	42.72



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.48	4.95	0.0	7.19	71.31	0.39	42.7
PROF (metros)	0.465	0.465	0.493	0.835	0.801	0.616	0.519
MÁXIMO	13.5	13.5	0.99	8.64	461.3	0.9	42.72
PROF (metros)	2.1	0.465	0.521	4.922	0.465	4.166	0.514

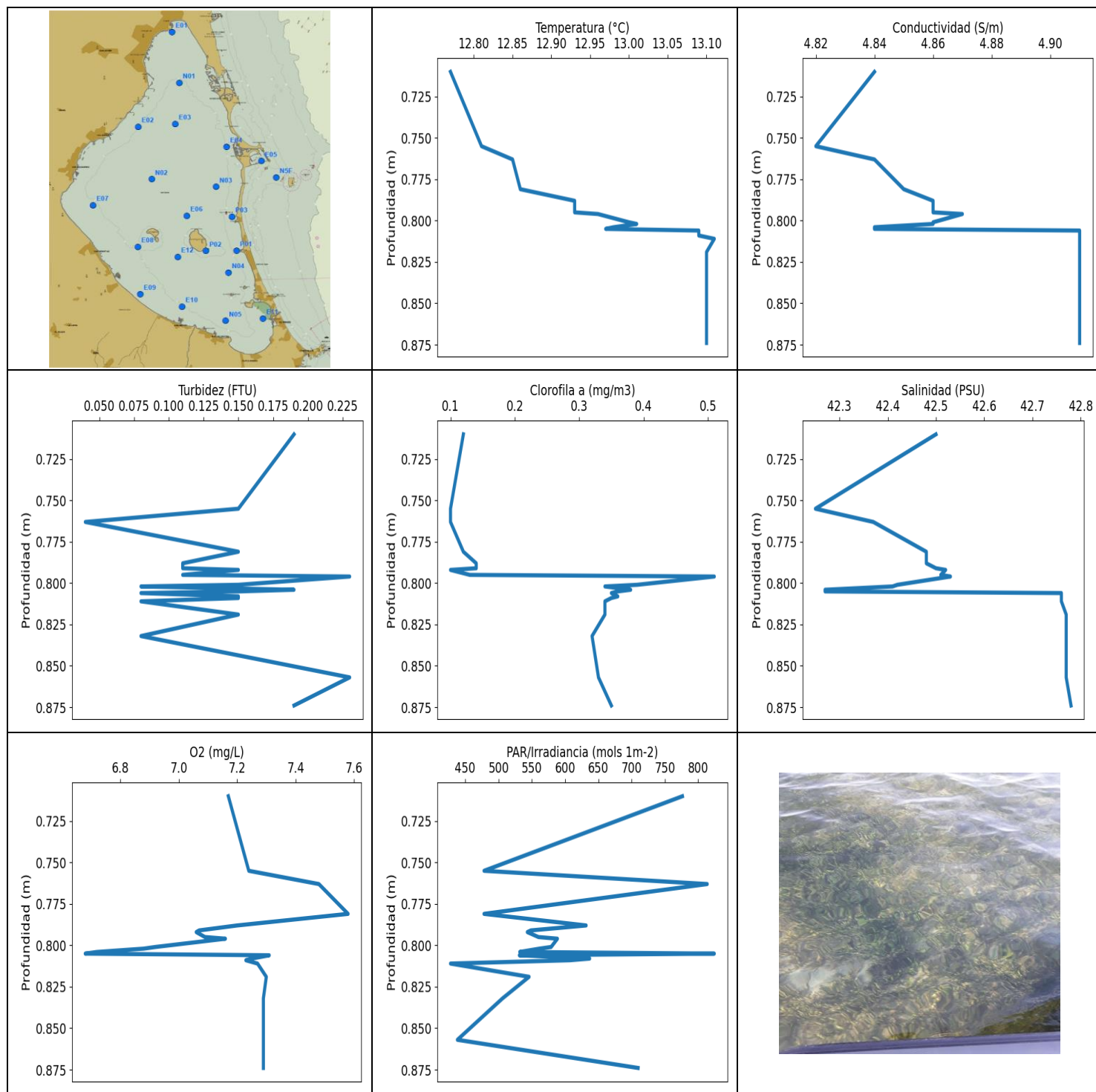
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E08 - Punto 007	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.49	4.95	0.61	7.27	242.36	0.52	42.7
1 - 2m	13.49	4.95	0.66	7.4	82.4	0.59	42.7
2 - 3m	13.49	4.95	0.59	7.57	115.64	0.69	42.7
3 - 4m	13.49	4.95	0.66	7.92	195.52	0.72	42.71
4 - 5m	13.49	4.95	0.59	8.44	155.71	0.79	42.71

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.465	13.48	4.95	0.57	7.22	461.3	0.56	42.71
0.493	13.48	4.95	0.0	7.22	447.5	0.55	42.71
0.514	13.48	4.95	0.46	7.23	444.09	0.56	42.72
0.519	13.49	4.95	0.34	7.27	446.78	0.54	42.7
0.521	13.49	4.95	0.99	7.28	443.07	0.52	42.7
0.522	13.49	4.95	0.23	7.28	442.45	0.55	42.7
0.528	13.49	4.95	0.65	7.28	442.35	0.55	42.7
0.53	13.49	4.95	0.53	7.31	438.67	0.47	42.7
0.541	13.49	4.95	0.99	7.32	432.51	0.4	42.7
0.576	13.49	4.95	0.0	7.33	419.87	0.47	42.7
0.616	13.49	4.95	0.84	7.33	408.35	0.39	42.7
0.673	13.49	4.95	0.57	7.34	98.42	0.56	42.7
0.719	13.49	4.95	0.57	7.33	85.17	0.57	42.7
0.766	13.49	4.95	0.61	7.32	80.08	0.53	42.7
0.793	13.49	4.95	0.57	7.29	85.21	0.46	42.7
0.801	13.49	4.95	0.61	7.26	71.31	0.62	42.7
0.813	13.49	4.95	0.57	7.23	76.59	0.55	42.7
0.826	13.49	4.95	0.65	7.21	72.88	0.45	42.7
0.835	13.49	4.95	0.65	7.19	79.26	0.49	42.7
0.853	13.49	4.95	0.57	7.19	78.82	0.54	42.7
0.906	13.49	4.95	0.65	7.22	83.26	0.55	42.7
0.964	13.49	4.95	0.65	7.29	76.64	0.47	42.7
1.012	13.49	4.95	0.65	7.32	77.16	0.56	42.7
1.051	13.49	4.95	0.76	7.35	80.78	0.58	42.7
1.086	13.49	4.95	0.76	7.37	79.21	0.55	42.7
1.119	13.49	4.95	0.53	7.38	81.48	0.48	42.7
1.142	13.49	4.95	0.57	7.38	81.69	0.6	42.7
1.165	13.49	4.95	0.61	7.37	80.24	0.62	42.7
1.193	13.49	4.95	0.61	7.36	80.73	0.59	42.7
1.215	13.49	4.95	0.61	7.34	77.63	0.53	42.7
1.245	13.49	4.95	0.8	7.34	81.46	0.59	42.7
1.287	13.49	4.95	0.61	7.36	81.97	0.56	42.7
1.33	13.49	4.95	0.72	7.37	84.11	0.62	42.7
1.358	13.49	4.95	0.69	7.37	79.19	0.57	42.7
1.381	13.49	4.95	0.61	7.38	78.62	0.61	42.7
1.415	13.49	4.95	0.57	7.4	85.43	0.55	42.7
1.458	13.49	4.95	0.53	7.42	82.87	0.4	42.7

1.501	13.49	4.95	0.72	7.42	78.22	0.53	42.7
1.549	13.49	4.95	0.72	7.43	83.62	0.57	42.7
1.603	13.49	4.95	0.8	7.44	83.93	0.59	42.7
1.643	13.49	4.95	0.53	7.44	82.72	0.65	42.7
1.658	13.49	4.95	0.53	7.43	80.86	0.64	42.7
1.669	13.49	4.95	0.61	7.42	83.55	0.69	42.7
1.698	13.49	4.95	0.65	7.42	85.03	0.59	42.7
1.737	13.49	4.95	0.69	7.41	81.92	0.56	42.7
1.773	13.49	4.95	0.72	7.4	80.77	0.64	42.7
1.804	13.49	4.95	0.8	7.41	86.46	0.65	42.7
1.83	13.49	4.95	0.76	7.41	87.04	0.6	42.7
1.859	13.49	4.95	0.69	7.41	84.27	0.66	42.7
1.89	13.49	4.95	0.65	7.42	85.17	0.67	42.7
1.929	13.49	4.95	0.65	7.43	86.92	0.67	42.71
1.971	13.49	4.95	0.69	7.45	88.88	0.68	42.7
2.005	13.49	4.95	0.65	7.46	87.79	0.68	42.71
2.032	13.49	4.95	0.53	7.46	86.18	0.66	42.71
2.065	13.49	4.95	0.65	7.47	87.33	0.66	42.7
2.1	13.5	4.95	0.69	7.47	90.38	0.68	42.71
2.132	13.5	4.95	0.69	7.48	91.28	0.69	42.7
2.172	13.5	4.95	0.5	7.47	91.11	0.63	42.7
2.216	13.5	4.95	0.53	7.46	91.62	0.7	42.7
2.248	13.5	4.95	0.53	7.48	91.34	0.69	42.7
2.271	13.5	4.95	0.69	7.48	91.43	0.72	42.7
2.297	13.5	4.95	0.72	7.48	93.29	0.65	42.71
2.331	13.5	4.95	0.57	7.49	93.94	0.7	42.7
2.369	13.5	4.95	0.5	7.5	95.88	0.74	42.7
2.411	13.5	4.95	0.65	7.52	96.55	0.78	42.7
2.451	13.5	4.95	0.61	7.57	103.12	0.67	42.7
2.488	13.5	4.95	0.72	7.6	104.29	0.71	42.7
2.526	13.49	4.95	0.57	7.62	101.57	0.66	42.7
2.564	13.49	4.95	0.5	7.63	101.76	0.73	42.71
2.592	13.5	4.95	0.65	7.63	113.0	0.74	42.7
2.619	13.49	4.95	0.69	7.63	119.35	0.69	42.7
2.65	13.49	4.95	0.61	7.64	114.88	0.69	42.7
2.684	13.49	4.95	0.34	7.65	112.19	0.65	42.7
2.706	13.49	4.95	0.61	7.67	143.4	0.69	42.7
2.731	13.49	4.95	0.72	7.68	133.86	0.67	42.7
2.768	13.49	4.95	0.42	7.69	129.5	0.72	42.7
2.805	13.49	4.95	0.5	7.69	134.3	0.74	42.7
2.826	13.49	4.95	0.53	7.67	168.08	0.68	42.7
2.854	13.49	4.95	0.53	7.66	159.5	0.7	42.7
2.902	13.49	4.95	0.5	7.66	159.32	0.71	42.71
2.954	13.49	4.95	0.57	7.67	195.82	0.61	42.7
2.997	13.49	4.95	0.69	7.67	187.21	0.71	42.7
3.035	13.49	4.95	0.3	7.69	214.04	0.65	42.7
3.069	13.49	4.95	0.57	7.71	195.68	0.69	42.7
3.099	13.49	4.95	0.72	7.72	163.17	0.71	42.71
3.13	13.49	4.95	0.88	7.75	253.38	0.67	42.71
3.164	13.49	4.95	0.38	7.76	204.54	0.64	42.71
3.19	13.49	4.95	0.72	7.77	162.03	0.68	42.7
3.21	13.49	4.95	0.72	7.78	149.2	0.7	42.7
3.235	13.49	4.95	0.61	7.79	208.61	0.67	42.71
3.27	13.49	4.95	0.57	7.79	327.95	0.69	42.71
3.313	13.49	4.95	0.76	7.8	153.94	0.7	42.7
3.361	13.49	4.95	0.65	7.84	199.71	0.79	42.71
3.404	13.49	4.95	0.5	7.89	153.02	0.78	42.71
3.433	13.49	4.95	0.53	7.92	337.52	0.72	42.71

3.449	13.49	4.95	0.69	7.93	205.96	0.76	42.71
3.462	13.49	4.95	0.72	7.92	155.13	0.68	42.71
3.488	13.49	4.95	0.8	7.92	194.55	0.7	42.71
3.511	13.49	4.95	0.72	7.91	179.02	0.72	42.7
3.539	13.49	4.95	0.72	7.89	200.97	0.74	42.7
3.584	13.49	4.95	0.95	7.89	187.68	0.75	42.71
3.627	13.49	4.95	0.57	7.9	195.45	0.73	42.71
3.651	13.49	4.95	0.53	7.92	170.24	0.76	42.71
3.669	13.49	4.95	0.5	7.93	191.77	0.67	42.71
3.702	13.49	4.95	0.76	7.93	186.08	0.69	42.7
3.735	13.49	4.95	0.76	7.95	204.11	0.69	42.7
3.763	13.49	4.95	0.8	8.0	177.41	0.83	42.7
3.805	13.49	4.95	0.72	8.14	150.63	0.73	42.71
3.85	13.48	4.95	0.84	8.22	211.53	0.75	42.71
3.885	13.48	4.95	0.53	8.28	159.46	0.73	42.71
3.913	13.48	4.95	0.65	8.33	198.1	0.79	42.71
3.951	13.48	4.95	0.61	8.38	174.87	0.71	42.71
4.0	13.49	4.95	0.5	8.43	165.64	0.7	42.71
4.042	13.49	4.95	0.53	8.43	155.49	0.85	42.7
4.071	13.49	4.95	0.53	8.39	182.49	0.79	42.7
4.103	13.48	4.95	0.61	8.34	148.75	0.79	42.71
4.14	13.48	4.95	0.61	8.34	163.39	0.82	42.71
4.166	13.48	4.95	0.5	8.33	184.88	0.9	42.71
4.184	13.48	4.95	0.61	8.3	153.87	0.84	42.71
4.214	13.48	4.95	0.61	8.3	206.97	0.72	42.71
4.258	13.48	4.95	0.57	8.32	165.03	0.73	42.7
4.309	13.48	4.95	0.5	8.36	155.27	0.8	42.71
4.349	13.48	4.95	0.57	8.41	161.7	0.75	42.71
4.385	13.48	4.95	0.61	8.46	144.87	0.73	42.71
4.415	13.48	4.95	0.57	8.49	142.54	0.73	42.7
4.437	13.48	4.95	0.61	8.5	182.58	0.74	42.71
4.454	13.48	4.95	0.53	8.49	165.64	0.77	42.71
4.473	13.48	4.95	0.65	8.45	140.31	0.83	42.71
4.508	13.48	4.95	0.61	8.41	173.54	0.85	42.71
4.564	13.48	4.95	0.61	8.44	146.94	0.82	42.71
4.621	13.48	4.95	0.84	8.5	139.63	0.83	42.71
4.657	13.48	4.95	0.61	8.53	171.78	0.9	42.71
4.672	13.48	4.95	0.46	8.53	135.87	0.82	42.71
4.695	13.48	4.95	0.53	8.52	156.57	0.83	42.71
4.739	13.48	4.95	0.53	8.53	151.82	0.75	42.71
4.789	13.49	4.95	0.65	8.53	147.41	0.85	42.72
4.828	13.49	4.95	0.65	8.57	137.45	0.84	42.71
4.861	13.49	4.95	0.84	8.58	157.26	0.83	42.71
4.897	13.5	4.95	0.5	8.62	186.08	0.75	42.71
4.922	13.5	4.95	0.53	8.64	127.59	0.83	42.7
4.932	13.49	4.95	0.53	8.58	166.6	0.82	42.71
4.935	13.49	4.95	0.61	8.51	147.59	0.81	42.71
4.948	13.49	4.95	0.65	8.43	134.83	0.8	42.7
4.96	13.49	4.95	0.61	8.37	136.75	0.78	42.71
4.963	13.49	4.95	0.53	8.32	132.91	0.8	42.7
4.965	13.49	4.95	0.53	8.26	148.72	0.62	42.71
4.967	13.49	4.95	0.72	8.25	131.16	0.68	42.7



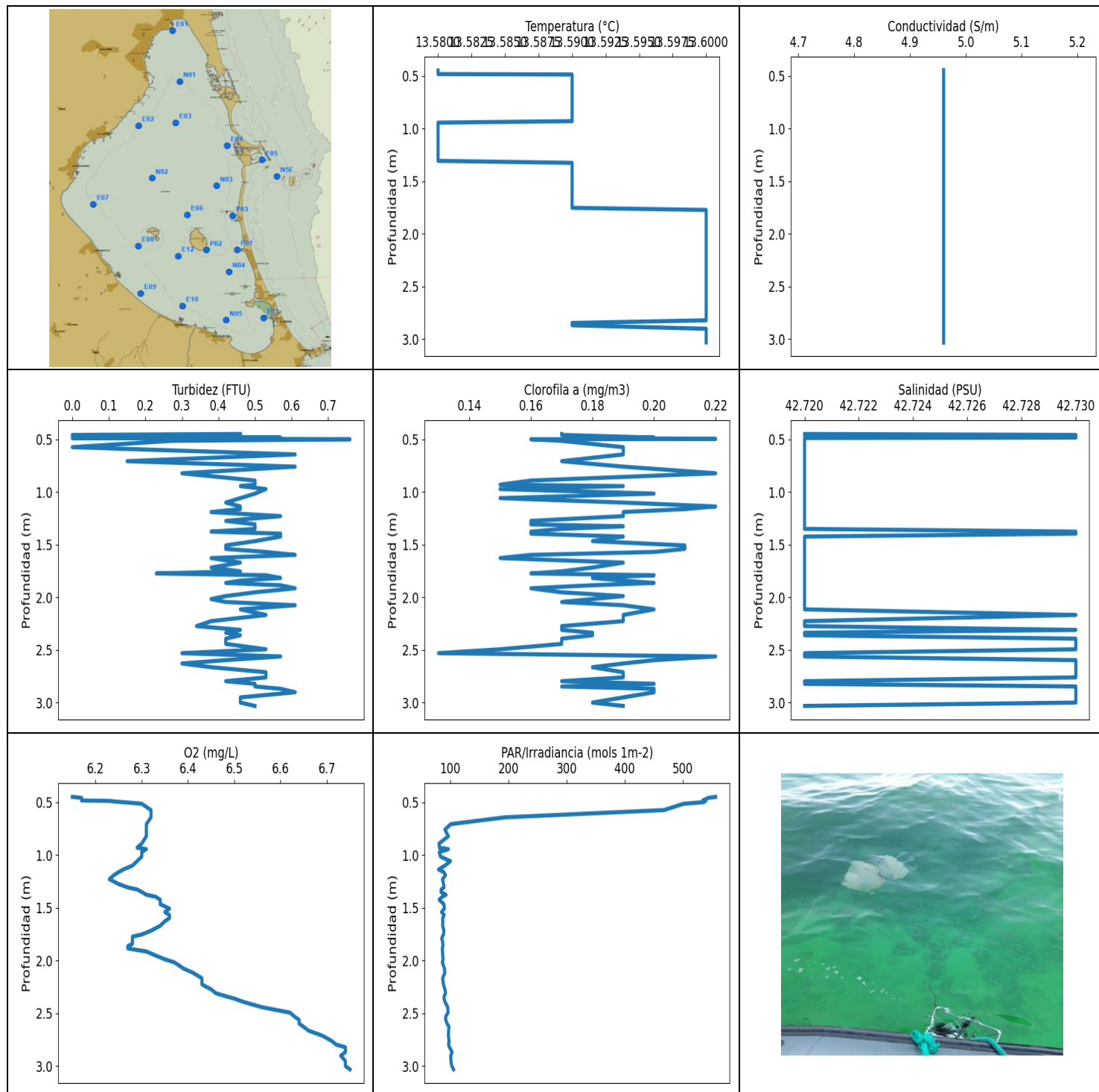
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	12.77	4.82	0.04	6.68	427.93	0.1	42.25
PROF (metros)	0.71	0.755	0.763	0.805	0.811	0.755	0.755
MÁXIMO	13.11	13.11	0.23	7.58	824.2	0.51	42.78
PROF (metros)	0.811	0.806	0.796	0.781	0.805	0.796	0.874

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E09 - Punto 008	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	12.99	4.87	0.14	7.17	586.61	0.27	42.55

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.71	12.77	4.84	0.19	7.17	776.36	0.12	42.5
0.755	12.81	4.82	0.15	7.24	478.28	0.1	42.25
0.763	12.85	4.84	0.04	7.48	813.57	0.1	42.37
0.781	12.86	4.85	0.15	7.58	478.28	0.12	42.48
0.788	12.93	4.86	0.11	7.2	631.65	0.14	42.48
0.791	12.93	4.86	0.11	7.07	548.62	0.14	42.5
0.792	12.93	4.86	0.15	7.06	543.31	0.1	42.52
0.795	12.93	4.86	0.11	7.09	560.06	0.13	42.51
0.796	12.96	4.87	0.23	7.16	588.54	0.51	42.53
0.801	13.0	4.86	0.15	6.92	579.07	0.39	42.42
0.802	13.01	4.86	0.08	6.88	561.49	0.34	42.41
0.804	12.98	4.84	0.19	6.72	531.97	0.38	42.27
0.805	12.97	4.84	0.15	6.68	824.2	0.36	42.27
0.806	13.09	4.91	0.08	7.31	531.35	0.35	42.76
0.808	13.09	4.91	0.15	7.25	636.94	0.36	42.76
0.809	13.09	4.91	0.15	7.23	607.1	0.35	42.76
0.811	13.11	4.91	0.08	7.27	427.93	0.34	42.76
0.819	13.1	4.91	0.15	7.3	545.96	0.34	42.77
0.832	13.1	4.91	0.08	7.29	506.11	0.32	42.77
0.857	13.1	4.91	0.23	7.29	438.27	0.33	42.77
0.874	13.1	4.91	0.19	7.29	709.75	0.35	42.78



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

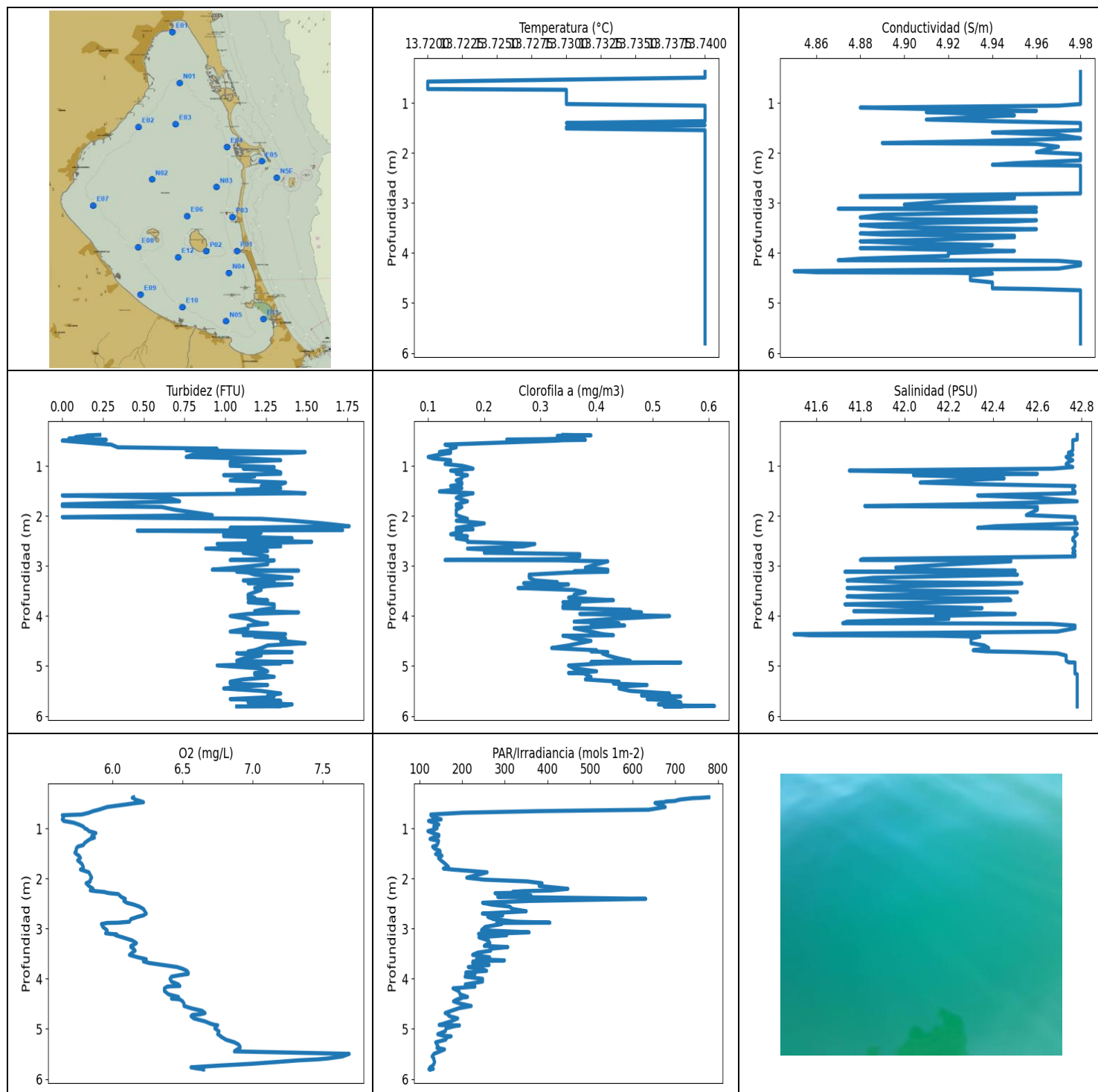
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.58	4.96	0.0	6.15	79.58	0.13	42.72
PROF (metros)	0.45	0.45	0.459	0.45	1.138	2.531	0.45
MÁXIMO	13.6	13.6	0.76	6.75	556.57	0.22	42.73
PROF (metros)	1.774	0.45	0.5	3.032	0.45	0.497	0.459

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E10 - Punto 009	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.59	4.96	0.48	6.28	267.93	0.18	42.72
1 - 2m	13.59	4.96	0.47	6.3	87.3	0.18	42.72
2 - 3m	13.6	4.96	0.46	6.58	93.83	0.18	42.73
3 - 4m	13.6	4.96	0.48	6.74	103.92	0.19	42.72

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)
0.45	13.58	4.96	0.46	6.15	556.57	0.17	42.72
0.459	13.58	4.96	0.0	6.17	544.32	0.17	42.73
0.484	13.58	4.96	0.57	6.17	534.57	0.2	42.73
0.488	13.59	4.96	0.0	6.23	539.55	0.18	42.72
0.497	13.59	4.96	0.57	6.25	534.07	0.22	42.72
0.5	13.59	4.96	0.76	6.26	536.06	0.16	42.72
0.515	13.59	4.96	0.27	6.3	501.56	0.17	42.72
0.575	13.59	4.96	0.0	6.32	467.65	0.19	42.72
0.644	13.59	4.96	0.61	6.32	193.34	0.19	42.72
0.708	13.59	4.96	0.15	6.31	100.78	0.17	42.72
0.76	13.59	4.96	0.61	6.31	90.56	0.19	42.72
0.823	13.59	4.96	0.3	6.31	96.46	0.22	42.72
0.892	13.59	4.96	0.5	6.3	80.41	0.16	42.72
0.931	13.59	4.96	0.5	6.29	81.25	0.15	42.72
0.945	13.58	4.96	0.46	6.31	96.66	0.19	42.72
0.973	13.58	4.96	0.53	6.3	80.84	0.15	42.72
1.016	13.58	4.96	0.5	6.3	83.1	0.2	42.72
1.059	13.58	4.96	0.46	6.29	100.1	0.15	42.72
1.101	13.58	4.96	0.42	6.28	90.58	0.19	42.72
1.138	13.58	4.96	0.46	6.26	79.58	0.22	42.72
1.163	13.58	4.96	0.46	6.25	88.74	0.21	42.72
1.191	13.58	4.96	0.38	6.24	91.7	0.19	42.72
1.23	13.58	4.96	0.57	6.23	86.38	0.19	42.72
1.275	13.58	4.96	0.42	6.25	88.28	0.16	42.72
1.308	13.58	4.96	0.5	6.27	89.0	0.16	42.72
1.327	13.59	4.96	0.5	6.29	84.23	0.19	42.72
1.351	13.59	4.96	0.5	6.3	83.9	0.17	42.72
1.377	13.59	4.96	0.38	6.31	92.39	0.16	42.73
1.396	13.59	4.96	0.57	6.33	85.98	0.16	42.73
1.424	13.59	4.96	0.57	6.34	80.71	0.19	42.72
1.467	13.59	4.96	0.5	6.34	88.78	0.18	42.72
1.508	13.59	4.96	0.42	6.36	89.56	0.21	42.72
1.541	13.59	4.96	0.42	6.35	84.93	0.21	42.72
1.57	13.59	4.96	0.53	6.36	89.29	0.2	42.72
1.598	13.59	4.96	0.61	6.36	86.8	0.16	42.72
1.628	13.59	4.96	0.38	6.35	86.92	0.15	42.72
1.671	13.59	4.96	0.46	6.34	86.7	0.19	42.72
1.718	13.59	4.96	0.38	6.32	88.84	0.18	42.72

1.754	13.59	4.96	0.46	6.3	88.2	0.17	42.72
1.774	13.6	4.96	0.23	6.28	86.22	0.16	42.72
1.791	13.6	4.96	0.53	6.28	85.25	0.2	42.72
1.817	13.6	4.96	0.57	6.28	86.38	0.18	42.72
1.842	13.6	4.96	0.46	6.28	87.17	0.19	42.72
1.864	13.6	4.96	0.42	6.27	87.12	0.2	42.72
1.886	13.6	4.96	0.57	6.27	86.02	0.18	42.72
1.915	13.6	4.96	0.61	6.31	86.52	0.16	42.72
1.953	13.6	4.96	0.5	6.33	86.76	0.17	42.72
1.989	13.6	4.96	0.42	6.35	87.47	0.19	42.72
2.017	13.6	4.96	0.38	6.37	86.12	0.18	42.72
2.045	13.6	4.96	0.42	6.38	87.79	0.17	42.72
2.076	13.6	4.96	0.61	6.39	89.81	0.19	42.72
2.115	13.6	4.96	0.46	6.41	90.48	0.2	42.72
2.168	13.6	4.96	0.53	6.43	86.72	0.19	42.73
2.227	13.6	4.96	0.38	6.43	87.98	0.19	42.72
2.274	13.6	4.96	0.34	6.45	90.71	0.17	42.72
2.31	13.6	4.96	0.46	6.46	91.77	0.17	42.73
2.337	13.6	4.96	0.42	6.48	89.27	0.18	42.72
2.361	13.6	4.96	0.46	6.5	89.15	0.18	42.72
2.393	13.6	4.96	0.42	6.52	90.73	0.17	42.73
2.443	13.6	4.96	0.42	6.56	95.48	0.17	42.73
2.494	13.6	4.96	0.53	6.62	95.99	0.15	42.73
2.531	13.6	4.96	0.3	6.63	91.96	0.13	42.72
2.562	13.6	4.96	0.57	6.64	91.92	0.22	42.72
2.597	13.6	4.96	0.42	6.64	94.16	0.2	42.73
2.629	13.6	4.96	0.3	6.65	97.56	0.19	42.73
2.664	13.6	4.96	0.38	6.66	96.97	0.18	42.73
2.712	13.6	4.96	0.53	6.69	96.55	0.19	42.73
2.761	13.6	4.96	0.53	6.71	97.7	0.19	42.73
2.797	13.6	4.96	0.42	6.72	96.88	0.17	42.72
2.822	13.6	4.96	0.5	6.74	98.44	0.2	42.72
2.847	13.59	4.96	0.5	6.74	100.99	0.17	42.73
2.869	13.59	4.96	0.57	6.74	102.85	0.2	42.73
2.902	13.6	4.96	0.61	6.73	100.68	0.2	42.73
2.951	13.6	4.96	0.46	6.74	100.85	0.19	42.73
3.0	13.6	4.96	0.46	6.74	102.42	0.18	42.73
3.032	13.6	4.96	0.5	6.75	105.41	0.19	42.72



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.72	4.85	0.0	5.64	119.44	0.1	41.5
PROF (metros)	0.574	4.363	0.494	0.738	1.055	0.821	4.363
MÁXIMO	13.74	13.74	1.76	7.69	778.52	0.61	42.78
PROF (metros)	0.38	0.38	2.206	5.499	0.38	5.801	0.38

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N05 - Punto 010	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.73	4.98	0.56	5.97	461.27	0.23	42.76
1 - 2m	13.74	4.95	1.11	5.8	150.78	0.16	42.49
2 - 3m	13.74	4.97	1.21	6.03	333.55	0.22	42.63
3 - 4m	13.74	4.92	1.21	6.21	254.3	0.36	42.12
4 - 5m	13.74	4.95	1.21	6.54	190.99	0.41	42.4
5 - 6m	13.74	4.98	1.21	6.94	140.09	0.47	42.78

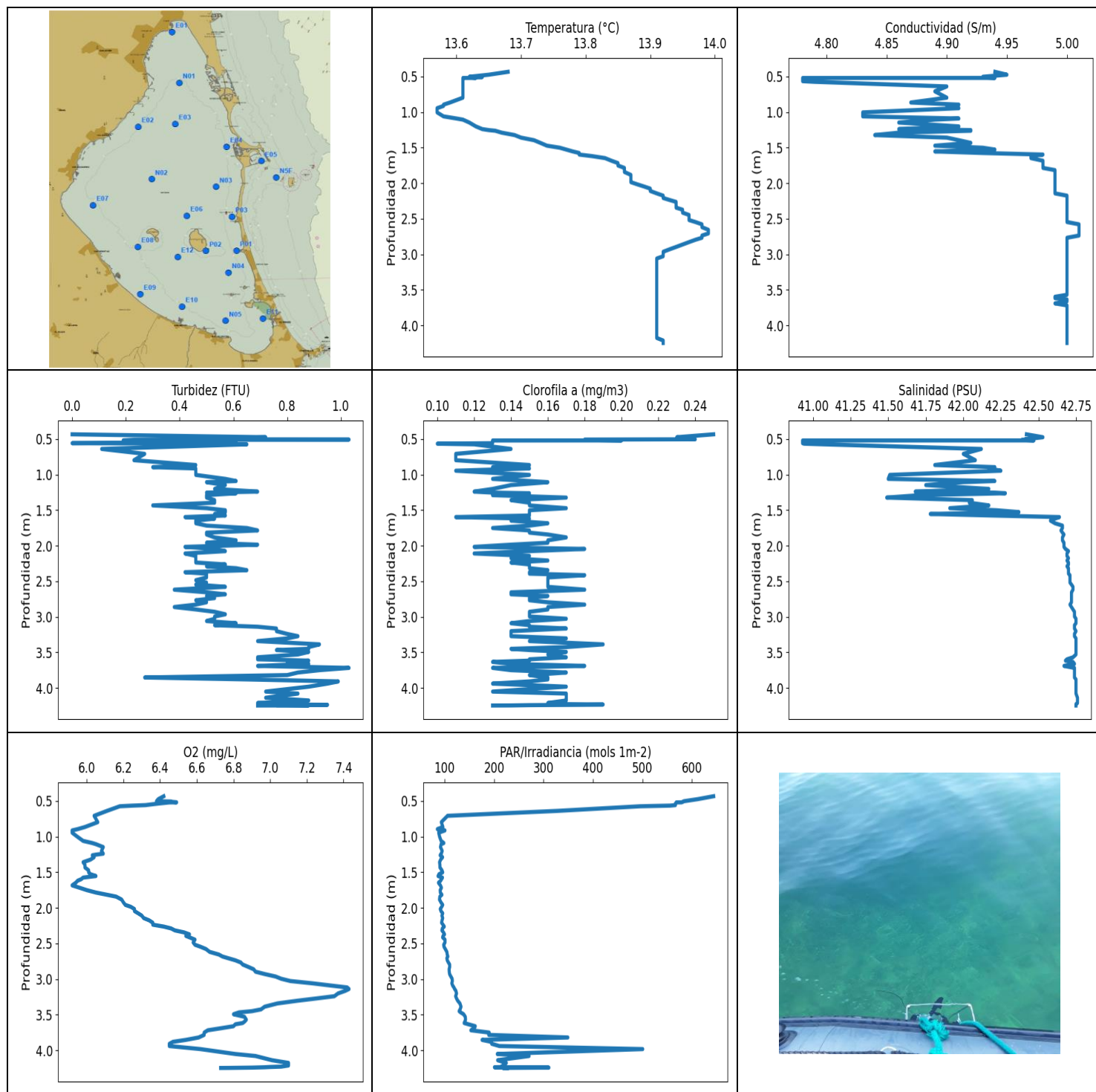
OBSERVACIONES GENERALES

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)
0.38	13.74	4.98	0.23	6.15	778.52	0.34	42.78
0.39	13.74	4.98	0.15	6.14	761.21	0.39	42.78
0.398	13.74	4.98	0.15	6.15	739.99	0.33	42.78
0.425	13.74	4.98	0.08	6.16	710.74	0.34	42.78
0.45	13.74	4.98	0.11	6.19	700.44	0.33	42.78
0.454	13.74	4.98	0.04	6.19	698.33	0.34	42.78
0.458	13.74	4.98	0.19	6.2	688.85	0.33	42.78
0.465	13.74	4.98	0.08	6.21	676.82	0.31	42.78
0.473	13.74	4.98	0.11	6.21	675.72	0.24	42.78
0.478	13.74	4.98	0.27	6.22	673.69	0.3	42.77
0.479	13.74	4.98	0.15	6.21	666.54	0.38	42.77
0.486	13.74	4.98	0.15	6.2	658.71	0.34	42.76
0.494	13.74	4.98	0.0	6.17	652.33	0.33	42.76
0.574	13.72	4.98	0.3	5.96	676.35	0.13	42.76
0.628	13.72	4.98	0.34	5.9	637.39	0.15	42.76
0.656	13.72	4.98	0.95	5.86	378.02	0.14	42.76
0.688	13.72	4.98	0.76	5.83	201.29	0.14	42.76
0.723	13.72	4.98	1.49	5.78	126.21	0.12	42.75
0.738	13.73	4.98	1.41	5.64	126.47	0.14	42.74
0.775	13.73	4.98	0.8	5.65	131.68	0.12	42.76
0.821	13.73	4.98	0.76	5.64	150.56	0.1	42.73
0.852	13.73	4.98	1.14	5.65	120.86	0.11	42.74
0.886	13.73	4.98	1.34	5.72	134.02	0.14	42.76
0.925	13.73	4.98	1.03	5.76	145.14	0.14	42.74
0.963	13.73	4.98	1.03	5.79	133.18	0.13	42.73
0.997	13.73	4.98	1.03	5.8	141.06	0.16	42.74
1.023	13.73	4.98	1.3	5.82	133.83	0.17	42.76
1.055	13.74	4.97	1.11	5.83	119.44	0.18	42.67
1.094	13.74	4.88	1.3	5.88	131.1	0.14	41.75
1.13	13.74	4.92	1.34	5.86	145.21	0.16	42.19
1.158	13.74	4.96	1.34	5.85	144.87	0.15	42.6
1.185	13.74	4.91	0.99	5.87	132.02	0.17	42.04
1.212	13.74	4.93	1.18	5.84	124.41	0.16	42.25
1.249	13.74	4.95	1.11	5.82	144.51	0.16	42.45
1.291	13.74	4.93	1.03	5.8	143.24	0.15	42.25
1.333	13.74	4.91	1.37	5.79	140.9	0.16	42.07

1.365	13.74	4.94	1.34	5.75	130.49	0.16	42.32
1.402	13.73	4.98	1.22	5.74	134.58	0.14	42.77
1.445	13.74	4.98	1.34	5.74	147.48	0.16	42.76
1.484	13.73	4.98	1.07	5.73	148.2	0.14	42.76
1.512	13.73	4.98	1.26	5.74	137.39	0.12	42.77
1.546	13.74	4.98	1.49	5.76	152.49	0.18	42.77
1.59	13.74	4.94	0.0	5.77	144.37	0.16	42.33
1.638	13.74	4.97	0.65	5.75	149.83	0.15	42.6
1.708	13.74	4.98	0.72	5.78	160.35	0.17	42.78
1.768	13.74	4.93	0.0	5.79	167.53	0.15	42.28
1.802	13.74	4.89	0.0	5.79	155.77	0.15	41.82
1.821	13.74	4.96	0.61	5.77	177.08	0.16	42.6
1.876	13.74	4.97	0.69	5.83	258.43	0.15	42.6
1.984	13.74	4.96	0.92	5.85	210.55	0.15	42.55
2.023	13.74	4.98	0.0	5.84	251.34	0.16	42.77
2.058	13.74	4.98	1.22	5.84	352.55	0.17	42.77
2.095	13.74	4.98	1.41	5.81	387.24	0.15	42.77
2.149	13.74	4.98	1.6	5.83	380.66	0.2	42.78
2.206	13.74	4.95	1.76	5.86	447.92	0.17	42.41
2.238	13.74	4.94	1.03	5.84	408.83	0.15	42.33
2.253	13.74	4.98	1.18	5.88	340.82	0.15	42.78
2.269	13.74	4.98	1.11	5.94	318.44	0.18	42.77
2.284	13.74	4.98	1.72	5.96	334.01	0.15	42.77
2.294	13.74	4.98	0.46	5.98	277.03	0.16	42.77
2.311	13.74	4.98	1.03	6.04	328.87	0.16	42.77
2.337	13.74	4.98	1.22	6.05	360.98	0.15	42.77
2.366	13.74	4.98	0.99	6.06	283.33	0.14	42.78
2.406	13.74	4.98	0.99	6.09	630.63	0.17	42.77
2.447	13.74	4.98	1.41	6.08	359.65	0.15	42.76
2.484	13.74	4.98	1.14	6.1	247.87	0.17	42.76
2.52	13.74	4.98	1.53	6.15	268.62	0.17	42.77
2.56	13.74	4.98	0.95	6.19	311.0	0.29	42.77
2.609	13.74	4.98	1.34	6.22	318.22	0.27	42.77
2.654	13.74	4.98	0.88	6.23	350.11	0.17	42.76
2.701	13.74	4.98	1.26	6.24	247.18	0.25	42.77
2.736	13.74	4.98	1.11	6.22	294.99	0.2	42.76
2.764	13.74	4.98	1.18	6.18	260.05	0.37	42.77
2.811	13.74	4.98	1.26	6.13	273.78	0.37	42.77
2.863	13.74	4.88	1.22	6.12	323.72	0.34	41.81
2.882	13.74	4.88	1.03	6.04	405.62	0.13	41.8
2.887	13.74	4.95	1.3	5.96	280.91	0.33	42.48
2.909	13.74	4.95	1.26	5.92	292.61	0.42	42.48
2.967	13.74	4.92	1.26	5.93	253.68	0.4	42.21
3.033	13.74	4.9	1.07	5.96	245.24	0.38	41.96
3.075	13.74	4.91	0.92	5.96	356.99	0.42	42.03
3.093	13.74	4.96	1.45	5.95	301.07	0.42	42.5
3.107	13.74	4.94	1.07	5.99	238.23	0.36	42.34
3.116	13.74	4.87	1.07	6.03	277.29	0.42	41.73
3.132	13.74	4.95	1.14	6.02	304.37	0.35	42.43
3.174	13.74	4.96	1.18	6.07	239.23	0.28	42.51
3.236	13.74	4.89	1.41	6.14	261.44	0.28	41.86
3.289	13.74	4.88	1.11	6.17	264.79	0.29	41.74
3.324	13.74	4.9	1.3	6.15	255.15	0.33	41.97
3.346	13.74	4.96	1.14	6.13	251.8	0.27	42.53
3.369	13.74	4.95	1.41	6.13	306.99	0.35	42.41
3.402	13.74	4.91	1.26	6.15	265.84	0.33	42.04
3.441	13.74	4.88	1.18	6.16	266.76	0.26	41.74
3.48	13.74	4.89	1.22	6.14	236.36	0.36	41.9

3.525	13.74	4.96	1.18	6.12	224.41	0.38	42.51
3.573	13.74	4.91	1.14	6.18	264.3	0.36	42.02
3.611	13.74	4.88	1.14	6.24	233.42	0.36	41.74
3.634	13.74	4.89	1.18	6.23	298.99	0.35	41.86
3.655	13.74	4.95	1.14	6.22	225.19	0.38	42.47
3.686	13.74	4.95	1.26	6.26	224.41	0.43	42.48
3.726	13.74	4.92	1.14	6.36	262.96	0.34	42.14
3.767	13.74	4.88	1.3	6.46	214.19	0.37	41.73
3.803	13.74	4.9	1.3	6.5	244.61	0.34	41.96
3.842	13.74	4.94	1.3	6.53	257.17	0.34	42.35
3.878	13.74	4.93	1.22	6.54	208.27	0.46	42.22
3.904	13.74	4.88	1.18	6.54	229.88	0.45	41.77
3.929	13.74	4.91	1.45	6.48	208.61	0.48	42.08
3.959	13.74	4.95	1.14	6.42	206.73	0.37	42.5
4.002	13.74	4.92	1.03	6.41	247.64	0.53	42.14
4.057	13.74	4.92	1.14	6.42	247.52	0.43	42.2
4.114	13.74	4.88	1.18	6.47	207.16	0.36	41.74
4.146	13.74	4.87	1.22	6.48	228.82	0.44	41.72
4.15	13.74	4.94	1.26	6.43	227.81	0.44	42.33
4.158	13.74	4.97	1.26	6.39	229.83	0.39	42.66
4.192	13.74	4.98	1.14	6.37	178.35	0.45	42.77
4.246	13.74	4.98	1.14	6.37	191.6	0.36	42.77
4.313	13.74	4.97	1.03	6.4	195.32	0.39	42.69
4.363	13.74	4.85	1.37	6.47	212.46	0.41	41.5
4.386	13.74	4.86	1.11	6.46	194.46	0.43	41.57
4.396	13.74	4.92	1.34	6.42	196.95	0.34	42.14
4.413	13.74	4.94	1.18	6.48	187.68	0.35	42.34
4.451	13.74	4.93	1.37	6.5	179.51	0.36	42.3
4.498	13.74	4.93	1.34	6.51	195.68	0.39	42.3
4.544	13.74	4.93	1.49	6.51	221.1	0.37	42.3
4.589	13.74	4.94	1.26	6.56	192.17	0.35	42.36
4.642	13.74	4.94	1.22	6.64	173.82	0.32	42.38
4.686	13.74	4.94	1.18	6.66	159.95	0.4	42.31
4.708	13.74	4.94	1.14	6.63	167.92	0.39	42.37
4.722	13.74	4.96	1.41	6.57	166.88	0.42	42.53
4.747	13.74	4.98	1.07	6.56	169.88	0.41	42.69
4.792	13.74	4.98	1.22	6.58	189.34	0.42	42.73
4.852	13.74	4.98	1.11	6.66	173.1	0.44	42.73
4.898	13.74	4.98	1.07	6.7	155.88	0.46	42.73
4.922	13.74	4.98	1.41	6.73	145.85	0.39	42.74
4.928	13.74	4.98	1.22	6.75	156.75	0.43	42.74
4.931	13.74	4.98	1.22	6.75	193.51	0.55	42.77
4.949	13.74	4.98	1.34	6.74	180.43	0.41	42.77
4.99	13.74	4.98	0.95	6.73	162.37	0.35	42.77
5.049	13.74	4.98	1.22	6.76	159.98	0.36	42.77
5.107	13.74	4.98	1.26	6.75	142.64	0.4	42.77
5.14	13.74	4.98	1.18	6.77	156.28	0.35	42.77
5.149	13.74	4.98	1.18	6.77	173.94	0.38	42.77
5.166	13.74	4.98	1.18	6.78	165.03	0.38	42.78
5.217	13.74	4.98	1.3	6.81	161.02	0.39	42.78
5.269	13.74	4.98	1.11	6.87	137.74	0.38	42.78
5.314	13.74	4.98	1.03	6.9	140.93	0.44	42.78
5.352	13.74	4.98	1.03	6.91	143.44	0.43	42.78
5.381	13.74	4.98	1.26	6.91	140.64	0.49	42.78
5.41	13.74	4.98	1.11	6.89	158.47	0.44	42.78
5.45	13.74	4.98	0.99	6.87	147.86	0.44	42.78
5.499	13.74	4.98	1.22	7.69	133.62	0.46	42.78
5.551	13.74	4.98	1.34	7.64	129.35	0.53	42.78

5.59	13.74	4.98	1.26	7.54	133.31	0.48	42.78
5.61	13.74	4.98	1.3	7.46	133.15	0.55	42.78
5.628	13.74	4.98	1.26	7.33	133.96	0.53	42.78
5.662	13.74	4.98	1.03	7.17	135.24	0.49	42.78
5.698	13.74	4.98	1.34	6.99	133.62	0.54	42.78
5.73	13.74	4.98	1.14	6.78	131.41	0.55	42.78
5.768	13.74	4.98	1.41	6.56	124.53	0.51	42.78
5.793	13.74	4.98	1.37	6.61	122.78	0.56	42.78
5.801	13.74	4.98	1.26	6.64	132.02	0.61	42.78
5.805	13.74	4.98	1.34	6.65	124.82	0.56	42.78
5.808	13.74	4.98	1.22	6.65	122.04	0.52	42.78
5.81	13.74	4.98	1.07	6.65	124.44	0.55	42.78


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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.57	4.78	0.0	5.92	85.29	0.1	40.93
PROF (metros)	0.946	0.521	0.434	0.914	0.896	0.566	0.521
MÁXIMO	13.99	13.99	1.03	7.43	644.07	0.25	42.76
PROF (metros)	2.656	2.579	0.508	3.14	0.434	0.434	4.139

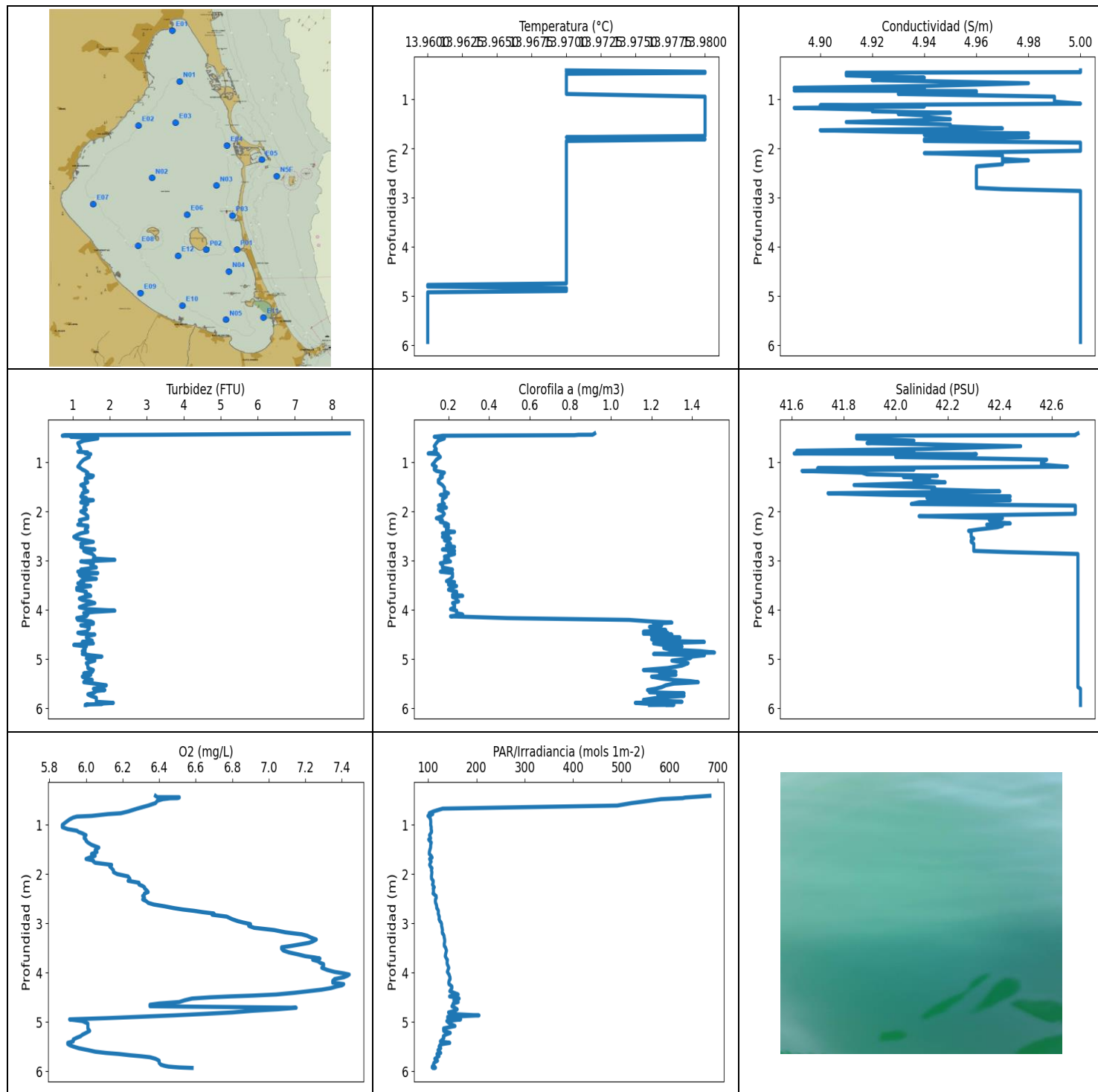
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E11 - Punto 011	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.61	4.88	0.44	6.21	376.57	0.15	41.92
1 - 2m	13.75	4.93	0.54	6.04	92.4	0.15	42.24
2 - 3m	13.94	5.0	0.5	6.61	101.45	0.15	42.71
3 - 4m	13.91	5.0	0.77	6.92	162.34	0.15	42.74
4 - 5m	13.91	5.0	0.79	6.94	229.11	0.16	42.75

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)
0.434	13.68	4.94	0.0	6.42	644.07	0.25	42.42
0.475	13.65	4.95	0.72	6.39	612.05	0.23	42.53
0.504	13.62	4.93	0.46	6.38	584.19	0.24	42.41
0.508	13.64	4.93	1.03	6.46	582.57	0.18	42.42
0.512	13.62	4.93	0.23	6.46	582.16	0.18	42.39
0.52	13.63	4.94	0.19	6.49	579.07	0.2	42.47
0.521	13.61	4.78	0.42	6.45	568.56	0.13	40.93
0.537	13.61	4.78	0.61	6.39	566.85	0.13	40.93
0.559	13.61	4.78	0.0	6.32	566.72	0.13	40.93
0.566	13.61	4.78	0.46	6.25	555.79	0.1	40.94
0.575	13.61	4.79	0.65	6.18	495.78	0.12	41.07
0.64	13.61	4.9	0.11	6.11	328.03	0.14	42.12
0.709	13.61	4.89	0.27	6.04	106.02	0.11	42.0
0.798	13.61	4.9	0.23	6.06	93.36	0.11	42.08
0.866	13.59	4.87	0.46	5.99	96.57	0.15	41.81
0.896	13.58	4.91	0.3	5.95	85.29	0.13	42.21
0.914	13.58	4.9	0.46	5.92	100.73	0.15	42.17
0.946	13.57	4.91	0.46	5.92	88.04	0.11	42.25
1.005	13.57	4.83	0.46	5.95	90.04	0.15	41.51
1.061	13.58	4.83	0.57	5.98	92.97	0.13	41.5
1.091	13.6	4.91	0.61	6.03	98.56	0.15	42.21
1.107	13.61	4.89	0.5	6.05	92.95	0.16	42.0
1.148	13.62	4.86	0.57	6.09	91.66	0.14	41.75
1.202	13.63	4.91	0.53	6.08	95.15	0.13	42.17
1.24	13.64	4.86	0.69	6.09	93.33	0.12	41.68
1.254	13.65	4.92	0.5	6.05	91.7	0.13	42.21
1.263	13.66	4.92	0.61	6.03	91.01	0.15	42.28
1.29	13.67	4.86	0.5	6.04	95.94	0.13	41.71
1.324	13.69	4.84	0.5	6.02	92.02	0.17	41.49
1.36	13.7	4.9	0.53	5.98	89.83	0.14	42.06
1.396	13.72	4.91	0.53	5.99	90.48	0.15	42.04
1.434	13.73	4.92	0.3	5.99	90.61	0.15	42.17
1.473	13.74	4.89	0.5	6.01	94.55	0.17	41.91
1.502	13.76	4.93	0.57	6.01	96.19	0.15	42.22
1.528	13.77	4.94	0.57	6.02	88.67	0.15	42.37
1.554	13.78	4.89	0.53	6.05	86.8	0.15	41.78
1.576	13.79	4.93	0.57	5.98	95.7	0.15	42.19

1.598	13.79	4.98	0.42	5.97	93.77	0.11	42.64
1.62	13.81	4.97	0.53	5.95	91.94	0.15	42.61
1.648	13.83	4.97	0.46	5.94	87.57	0.14	42.58
1.685	13.84	4.98	0.46	5.92	91.51	0.16	42.61
1.718	13.85	4.98	0.5	5.96	93.66	0.15	42.66
1.752	13.85	4.98	0.65	6.0	91.11	0.13	42.66
1.786	13.86	4.98	0.69	6.05	91.41	0.15	42.65
1.817	13.86	4.99	0.5	6.11	94.55	0.15	42.66
1.843	13.86	4.99	0.5	6.16	90.42	0.16	42.67
1.884	13.87	4.99	0.53	6.19	89.69	0.17	42.66
1.925	13.87	4.99	0.61	6.2	92.8	0.16	42.66
1.959	13.87	4.99	0.5	6.21	96.17	0.16	42.67
1.986	13.87	4.99	0.69	6.24	94.14	0.14	42.67
2.017	13.88	4.99	0.42	6.26	91.22	0.12	42.67
2.046	13.89	4.99	0.53	6.26	92.69	0.18	42.68
2.077	13.9	4.99	0.57	6.28	96.17	0.15	42.7
2.11	13.9	4.99	0.42	6.3	94.58	0.12	42.69
2.144	13.91	4.99	0.46	6.31	96.14	0.15	42.69
2.176	13.92	5.0	0.46	6.34	94.88	0.14	42.7
2.209	13.92	5.0	0.46	6.36	93.9	0.16	42.69
2.237	13.93	5.0	0.46	6.36	96.75	0.14	42.7
2.264	13.94	5.0	0.57	6.42	99.34	0.15	42.7
2.29	13.94	5.0	0.5	6.46	95.5	0.15	42.69
2.317	13.94	5.0	0.61	6.48	94.55	0.15	42.7
2.345	13.94	5.0	0.65	6.53	97.76	0.16	42.7
2.373	13.95	5.0	0.42	6.56	99.89	0.15	42.7
2.394	13.95	5.0	0.5	6.54	96.9	0.15	42.7
2.415	13.95	5.0	0.5	6.56	96.03	0.18	42.71
2.447	13.96	5.0	0.5	6.59	100.8	0.16	42.71
2.486	13.96	5.0	0.46	6.58	100.8	0.16	42.71
2.519	13.96	5.0	0.5	6.59	98.15	0.16	42.71
2.547	13.97	5.0	0.46	6.62	98.83	0.16	42.72
2.579	13.98	5.01	0.57	6.65	101.46	0.16	42.73
2.619	13.98	5.01	0.38	6.67	104.61	0.18	42.73
2.656	13.99	5.01	0.5	6.72	105.34	0.14	42.72
2.684	13.99	5.01	0.57	6.74	106.59	0.14	42.72
2.707	13.99	5.01	0.5	6.77	104.58	0.16	42.72
2.737	13.98	5.01	0.53	6.81	105.41	0.15	42.72
2.768	13.98	5.0	0.46	6.84	107.76	0.15	42.72
2.796	13.97	5.0	0.5	6.85	110.21	0.16	42.72
2.829	13.96	5.0	0.46	6.88	110.31	0.18	42.71
2.863	13.95	5.0	0.38	6.91	109.19	0.16	42.72
2.897	13.94	5.0	0.46	6.92	109.44	0.16	42.73
2.93	13.93	5.0	0.53	6.97	110.08	0.15	42.74
2.965	13.92	5.0	0.57	7.03	112.71	0.15	42.74
2.996	13.92	5.0	0.53	7.06	115.28	0.15	42.74
3.028	13.92	5.0	0.53	7.11	115.7	0.17	42.75
3.06	13.91	5.0	0.5	7.23	114.61	0.15	42.75
3.091	13.91	5.0	0.61	7.33	116.32	0.14	42.75
3.118	13.91	5.0	0.53	7.42	118.83	0.15	42.74
3.14	13.91	5.0	0.69	7.43	120.38	0.15	42.74
3.165	13.91	5.0	0.76	7.41	122.81	0.17	42.74
3.202	13.91	5.0	0.76	7.37	124.15	0.14	42.75
3.241	13.91	5.0	0.8	7.35	122.3	0.14	42.74
3.273	13.91	5.0	0.84	7.25	124.21	0.14	42.74
3.304	13.91	5.0	0.8	7.15	126.53	0.17	42.75
3.342	13.91	5.0	0.69	7.04	130.98	0.15	42.75
3.388	13.91	5.0	0.92	6.97	133.21	0.19	42.75

3.426	13.91	5.0	0.88	6.95	131.34	0.17	42.75
3.451	13.91	5.0	0.88	6.9	129.38	0.14	42.75
3.468	13.91	5.0	0.76	6.83	132.45	0.15	42.75
3.494	13.91	5.0	0.88	6.8	138.5	0.17	42.75
3.53	13.91	5.0	0.84	6.86	141.85	0.16	42.75
3.57	13.91	5.0	0.69	6.87	142.31	0.17	42.73
3.598	13.91	4.99	0.69	6.86	140.9	0.15	42.69
3.617	13.91	4.99	0.88	6.85	139.54	0.15	42.68
3.635	13.91	5.0	0.8	6.81	148.31	0.13	42.73
3.662	13.91	5.0	0.88	6.8	162.03	0.14	42.74
3.691	13.91	4.99	0.69	6.73	160.02	0.18	42.67
3.719	13.91	5.0	1.03	6.66	153.13	0.13	42.74
3.751	13.91	5.0	0.92	6.64	190.14	0.14	42.74
3.784	13.91	5.0	0.84	6.64	189.3	0.17	42.74
3.82	13.91	5.0	0.8	6.61	349.21	0.15	42.74
3.854	13.91	5.0	0.27	6.54	175.77	0.16	42.74
3.881	13.91	5.0	0.65	6.47	194.1	0.16	42.75
3.909	13.91	5.0	0.99	6.45	195.32	0.15	42.75
3.94	13.91	5.0	0.95	6.45	210.74	0.13	42.75
3.983	13.91	5.0	0.88	6.62	500.63	0.17	42.75
4.052	13.91	5.0	0.72	6.81	206.54	0.13	42.75
4.08	13.91	5.0	0.84	6.92	270.81	0.17	42.75
4.139	13.91	5.0	0.72	7.01	207.26	0.17	42.76
4.177	13.91	5.0	0.88	7.1	224.77	0.17	42.76
4.213	13.92	5.0	0.69	7.1	218.35	0.16	42.76
4.229	13.92	5.0	0.8	7.06	214.69	0.17	42.75
4.234	13.92	5.0	0.8	7.0	221.51	0.19	42.75
4.238	13.92	5.0	0.95	6.97	200.78	0.18	42.75
4.243	13.92	5.0	0.76	6.9	310.86	0.15	42.75
4.247	13.92	5.0	0.88	6.78	217.54	0.14	42.75
4.248	13.92	5.0	0.69	6.73	227.13	0.13	42.75



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.96	4.89	0.73	5.87	99.66	0.1	41.61
PROF (metros)	4.77	0.763	0.456	1.0	0.817	0.817	0.817
MÁXIMO	13.98	13.98	8.47	7.44	683.6	1.51	42.71
PROF (metros)	0.436	0.409	0.409	4.036	0.409	4.864	5.6

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N04 - Punto 012	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.97	4.95	1.83	6.25	354.05	0.29	42.15
1 - 2m	13.98	4.95	1.32	6.03	105.19	0.16	42.2
2 - 3m	13.97	4.97	1.36	6.44	115.76	0.19	42.39
3 - 4m	13.97	5.0	1.34	7.17	135.21	0.21	42.7
4 - 5m	13.97	5.0	1.4	6.89	151.15	1.1	42.7
5 - 6m	13.96	5.0	1.54	6.18	124.3	1.27	42.7

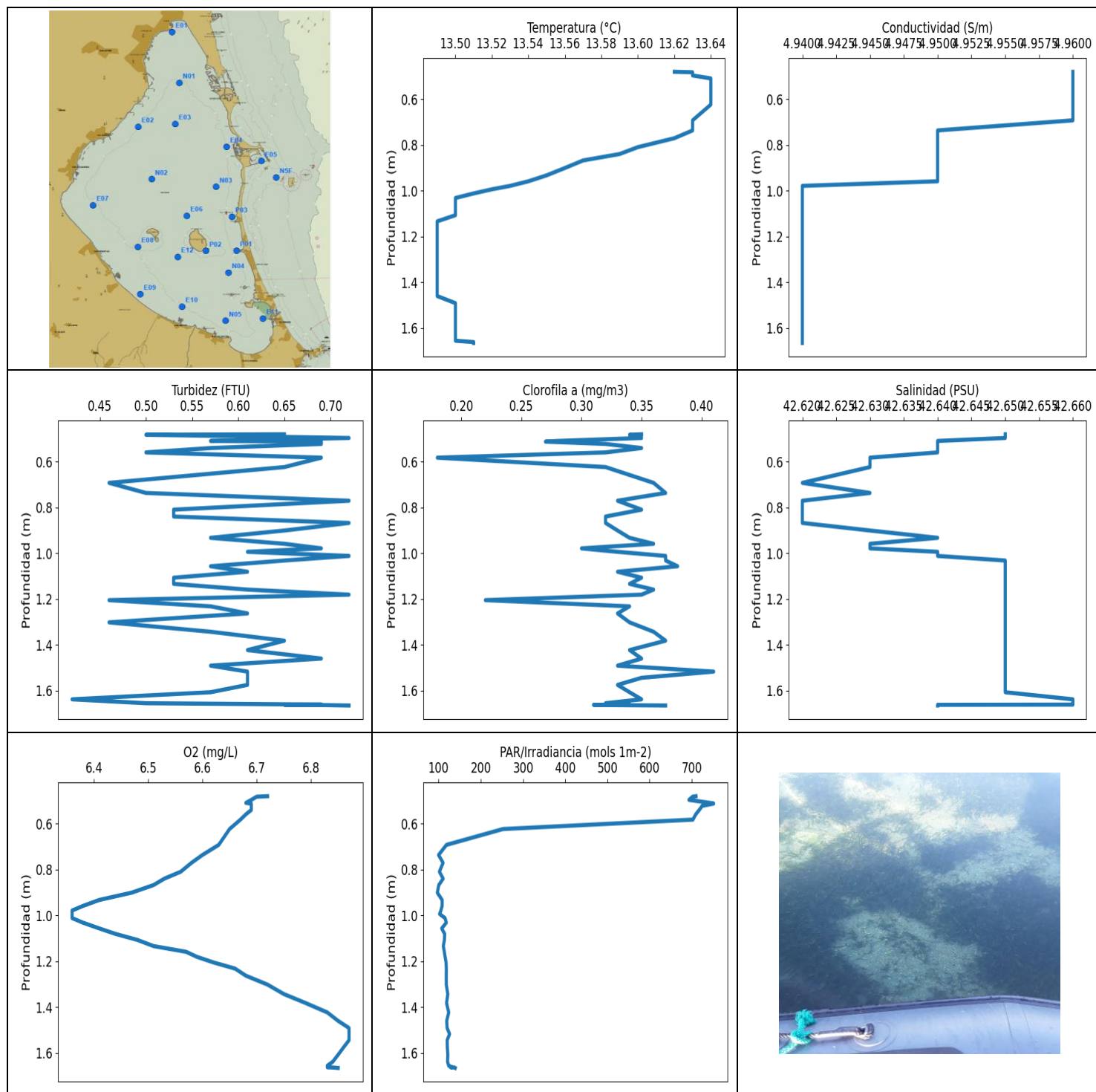
OBSERVACIONES GENERALES

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)
0.409	13.97	5.0	8.47	6.38	683.6	0.92	42.7
0.436	13.98	5.0	3.62	6.39	645.26	0.91	42.69
0.437	13.98	5.0	3.17	6.51	644.67	0.84	42.69
0.445	13.98	5.0	0.8	6.51	631.94	0.82	42.69
0.456	13.98	4.91	0.72	6.5	627.42	0.17	41.85
0.459	13.98	4.91	1.49	6.46	620.19	0.17	41.85
0.477	13.97	4.91	0.95	6.42	582.43	0.13	41.85
0.511	13.97	4.91	1.68	6.39	557.21	0.18	41.85
0.557	13.97	4.94	1.3	6.38	521.47	0.15	42.07
0.607	13.97	4.92	1.14	6.34	491.66	0.14	41.89
0.669	13.97	4.98	1.18	6.28	130.22	0.13	42.48
0.727	13.97	4.94	1.22	6.23	110.49	0.14	42.1
0.763	13.97	4.89	1.22	6.19	102.26	0.13	41.62
0.78	13.97	4.94	1.14	6.12	109.6	0.14	42.07
0.797	13.97	4.92	1.41	6.08	105.24	0.14	41.9
0.817	13.97	4.89	1.34	6.03	99.66	0.1	41.61
0.83	13.97	4.96	1.49	5.95	104.27	0.15	42.31
0.85	13.97	4.96	1.45	5.93	102.95	0.15	42.27
0.888	13.97	4.93	1.45	5.91	105.05	0.16	42.0
0.942	13.98	4.99	1.3	5.89	105.48	0.14	42.58
1.0	13.98	4.99	1.22	5.87	105.22	0.13	42.56
1.044	13.98	4.99	1.18	5.87	106.47	0.12	42.56
1.085	13.98	5.0	1.14	5.9	106.12	0.14	42.66
1.117	13.98	4.9	1.22	5.95	107.11	0.13	41.7
1.144	13.98	4.94	1.26	5.96	107.04	0.13	42.07
1.171	13.98	4.89	1.34	5.98	105.24	0.14	41.64
1.207	13.98	4.92	1.41	6.0	102.9	0.18	41.87
1.241	13.98	4.92	1.37	5.99	104.1	0.17	41.89
1.271	13.98	4.95	1.56	5.99	105.22	0.16	42.16
1.296	13.98	4.93	1.53	6.0	101.15	0.17	42.03
1.323	13.98	4.94	1.34	6.0	103.26	0.16	42.13
1.356	13.98	4.94	1.34	6.01	106.54	0.15	42.07
1.403	13.98	4.95	1.41	6.03	105.31	0.15	42.19
1.459	13.98	4.91	1.22	6.07	105.09	0.17	41.84
1.51	13.98	4.95	1.34	6.05	103.5	0.18	42.15
1.549	13.98	4.95	1.3	6.06	102.66	0.18	42.14

1.588	13.98	4.97	1.41	6.03	102.4	0.18	42.4
1.626	13.98	4.9	1.26	6.05	106.15	0.2	41.74
1.66	13.98	4.93	1.26	6.02	108.23	0.16	41.98
1.69	13.98	4.98	1.22	6.0	103.09	0.19	42.44
1.72	13.98	4.94	1.37	6.04	104.61	0.18	42.12
1.742	13.98	4.95	1.26	6.04	106.37	0.17	42.17
1.767	13.97	4.98	1.56	6.05	104.8	0.17	42.44
1.81	13.98	4.94	1.22	6.14	103.14	0.17	42.09
1.844	13.97	4.94	1.41	6.13	104.88	0.18	42.06
1.877	13.97	5.0	1.34	6.14	107.98	0.15	42.69
1.918	13.97	5.0	1.3	6.15	106.76	0.19	42.69
1.957	13.97	5.0	1.37	6.15	107.81	0.15	42.69
1.996	13.97	5.0	1.22	6.17	107.46	0.17	42.69
2.044	13.97	5.0	1.34	6.23	106.86	0.18	42.69
2.091	13.97	4.94	1.41	6.24	107.19	0.17	42.09
2.133	13.97	4.97	1.41	6.23	110.54	0.14	42.41
2.173	13.97	4.97	1.18	6.29	110.41	0.17	42.36
2.209	13.97	4.97	1.22	6.29	109.01	0.16	42.38
2.239	13.97	4.98	1.22	6.31	110.87	0.19	42.44
2.264	13.97	4.97	1.14	6.32	112.79	0.2	42.35
2.287	13.97	4.97	1.41	6.32	110.49	0.18	42.41
2.318	13.97	4.97	1.41	6.33	111.03	0.2	42.39
2.36	13.97	4.96	1.34	6.34	111.11	0.19	42.32
2.39	13.97	4.96	1.37	6.32	110.18	0.19	42.28
2.41	13.97	4.96	1.41	6.32	112.79	0.23	42.29
2.44	13.97	4.96	1.22	6.31	116.54	0.17	42.29
2.477	13.97	4.96	1.11	6.32	116.89	0.2	42.29
2.512	13.97	4.96	1.03	6.31	115.17	0.17	42.29
2.546	13.97	4.96	1.11	6.33	114.98	0.21	42.3
2.581	13.97	4.96	1.34	6.34	115.44	0.18	42.29
2.614	13.97	4.96	1.56	6.37	116.92	0.2	42.29
2.651	13.97	4.96	1.22	6.43	117.71	0.21	42.3
2.687	13.97	4.96	1.26	6.48	117.84	0.19	42.3
2.716	13.97	4.96	1.22	6.53	120.08	0.23	42.3
2.742	13.97	4.96	1.3	6.59	121.17	0.2	42.3
2.77	13.97	4.96	1.6	6.64	121.22	0.17	42.3
2.797	13.97	4.96	1.3	6.7	120.91	0.23	42.3
2.822	13.97	4.97	1.37	6.69	121.73	0.2	42.43
2.86	13.97	5.0	1.53	6.77	123.12	0.23	42.7
2.913	13.97	5.0	1.6	6.8	122.69	0.18	42.7
2.951	13.97	5.0	1.56	6.83	124.44	0.2	42.7
2.98	13.97	5.0	2.14	6.86	126.94	0.18	42.7
3.012	13.97	5.0	1.22	6.9	127.89	0.21	42.7
3.048	13.97	5.0	1.56	6.89	127.92	0.16	42.7
3.087	13.97	5.0	1.49	6.92	128.84	0.17	42.7
3.133	13.97	5.0	1.64	7.03	129.65	0.17	42.7
3.178	13.97	5.0	1.22	7.09	129.23	0.22	42.7
3.202	13.97	5.0	1.3	7.14	129.74	0.17	42.7
3.219	13.97	5.0	1.14	7.18	131.59	0.16	42.7
3.248	13.97	5.0	1.68	7.21	132.91	0.22	42.7
3.284	13.97	5.0	1.18	7.23	133.28	0.22	42.7
3.325	13.97	5.0	1.26	7.26	134.21	0.22	42.7
3.365	13.97	5.0	1.64	7.24	134.39	0.21	42.7
3.392	13.97	5.0	1.3	7.22	133.83	0.2	42.7
3.412	13.97	5.0	1.22	7.19	133.43	0.19	42.7
3.432	13.97	5.0	1.3	7.16	133.46	0.23	42.7
3.457	13.97	5.0	1.14	7.12	133.65	0.22	42.7
3.482	13.97	5.0	1.22	7.07	135.74	0.2	42.7

3.512	13.97	5.0	1.49	7.07	136.84	0.24	42.7
3.549	13.97	5.0	1.11	7.08	138.06	0.21	42.7
3.586	13.97	5.0	1.11	7.11	137.07	0.2	42.7
3.627	13.97	5.0	1.37	7.16	136.12	0.24	42.7
3.663	13.97	5.0	1.34	7.2	135.52	0.24	42.7
3.689	13.97	5.0	1.45	7.25	136.75	0.22	42.7
3.711	13.97	5.0	1.49	7.28	138.06	0.27	42.7
3.735	13.97	5.0	1.3	7.24	139.96	0.22	42.7
3.766	13.97	5.0	1.18	7.27	139.5	0.24	42.7
3.796	13.97	5.0	1.26	7.28	139.28	0.24	42.7
3.824	13.97	5.0	1.45	7.3	139.54	0.25	42.7
3.858	13.97	5.0	1.6	7.3	141.16	0.22	42.7
3.899	13.97	5.0	1.34	7.29	142.84	0.23	42.7
3.942	13.97	5.0	1.18	7.32	141.13	0.23	42.7
3.982	13.97	5.0	1.41	7.36	139.79	0.21	42.7
4.012	13.97	5.0	2.14	7.41	141.65	0.24	42.7
4.036	13.97	5.0	1.6	7.44	143.57	0.24	42.7
4.06	13.97	5.0	1.3	7.43	144.17	0.24	42.7
4.091	13.97	5.0	1.41	7.41	145.34	0.27	42.7
4.127	13.97	5.0	1.37	7.36	145.58	0.21	42.7
4.164	13.97	5.0	1.11	7.35	143.44	0.49	42.7
4.2	13.97	5.0	1.14	7.35	142.77	1.09	42.7
4.23	13.97	5.0	1.49	7.41	143.17	1.19	42.7
4.254	13.97	5.0	1.56	7.4	146.8	1.3	42.7
4.279	13.97	5.0	1.56	7.37	149.27	1.21	42.7
4.31	13.97	5.0	1.22	7.34	149.2	1.25	42.7
4.342	13.97	5.0	1.45	7.29	147.28	1.19	42.7
4.372	13.97	5.0	1.45	7.22	144.97	1.21	42.7
4.406	13.97	5.0	1.41	7.14	153.77	1.27	42.7
4.44	13.97	5.0	1.37	7.04	162.22	1.16	42.7
4.463	13.97	5.0	1.14	6.91	149.86	1.28	42.7
4.479	13.97	5.0	1.22	6.79	144.44	1.16	42.7
4.497	13.97	5.0	1.6	6.68	155.31	1.3	42.7
4.522	13.97	5.0	1.45	6.58	164.27	1.2	42.7
4.557	13.97	5.0	1.37	6.54	153.37	1.34	42.7
4.593	13.97	5.0	1.41	6.51	162.3	1.2	42.7
4.623	13.97	5.0	1.53	6.4	151.89	1.25	42.7
4.648	13.97	5.0	1.26	6.35	151.71	1.46	42.7
4.678	13.97	5.0	1.56	6.35	149.37	1.21	42.7
4.709	13.97	5.0	1.03	7.15	155.45	1.26	42.7
4.74	13.97	5.0	1.37	7.05	160.24	1.35	42.7
4.77	13.96	5.0	1.3	6.91	155.56	1.26	42.7
4.804	13.96	5.0	1.34	6.8	142.34	1.29	42.7
4.835	13.97	5.0	1.26	6.64	147.07	1.44	42.7
4.864	13.97	5.0	1.34	6.48	205.34	1.51	42.7
4.893	13.97	5.0	1.26	6.29	140.51	1.21	42.7
4.92	13.96	5.0	1.49	6.11	140.77	1.46	42.7
4.945	13.96	5.0	1.79	5.91	167.34	1.4	42.7
4.979	13.96	5.0	1.37	5.98	138.79	1.39	42.7
5.028	13.96	5.0	1.6	6.01	144.71	1.3	42.7
5.079	13.96	5.0	1.37	6.01	155.67	1.38	42.7
5.129	13.96	5.0	1.41	6.01	132.08	1.35	42.7
5.178	13.96	5.0	1.41	6.02	132.32	1.28	42.7
5.219	13.96	5.0	1.56	6.0	145.82	1.16	42.7
5.256	13.96	5.0	1.53	5.98	135.87	1.32	42.7
5.287	13.96	5.0	1.3	5.97	131.56	1.24	42.7
5.316	13.96	5.0	1.49	5.95	132.78	1.32	42.7
5.353	13.96	5.0	1.26	5.93	129.71	1.2	42.7

5.391	13.96	5.0	1.37	5.93	125.48	1.25	42.7
5.421	13.96	5.0	1.53	5.9	144.81	1.31	42.7
5.444	13.96	5.0	1.34	5.9	130.28	1.39	42.7
5.467	13.96	5.0	1.3	5.91	124.5	1.43	42.7
5.495	13.96	5.0	1.6	5.93	122.75	1.31	42.7
5.53	13.96	5.0	1.91	5.96	126.15	1.27	42.7
5.567	13.96	5.0	1.76	6.01	120.55	1.25	42.7
5.6	13.96	5.0	1.56	6.05	121.81	1.22	42.71
5.626	13.96	5.0	1.87	6.11	126.12	1.18	42.71
5.647	13.96	5.0	1.64	6.18	118.34	1.19	42.71
5.672	13.96	5.0	1.6	6.24	119.05	1.19	42.71
5.692	13.96	5.0	1.53	6.3	122.61	1.36	42.71
5.713	13.96	5.0	1.41	6.35	118.8	1.23	42.71
5.744	13.96	5.0	1.49	6.38	113.9	1.36	42.71
5.783	13.96	5.0	1.64	6.4	119.41	1.23	42.71
5.827	13.96	5.0	1.64	6.4	112.06	1.16	42.71
5.865	13.96	5.0	1.64	6.41	110.85	1.35	42.71
5.887	13.96	5.0	2.1	6.43	112.19	1.12	42.71
5.902	13.96	5.0	1.76	6.45	108.66	1.17	42.71
5.912	13.96	5.0	1.79	6.48	114.29	1.29	42.71
5.92	13.96	5.0	1.37	6.51	108.48	1.3	42.71
5.924	13.96	5.0	1.41	6.54	113.45	1.27	42.71
5.927	13.96	5.0	1.34	6.56	115.17	1.31	42.71
5.93	13.96	5.0	1.34	6.58	111.6	1.19	42.71



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

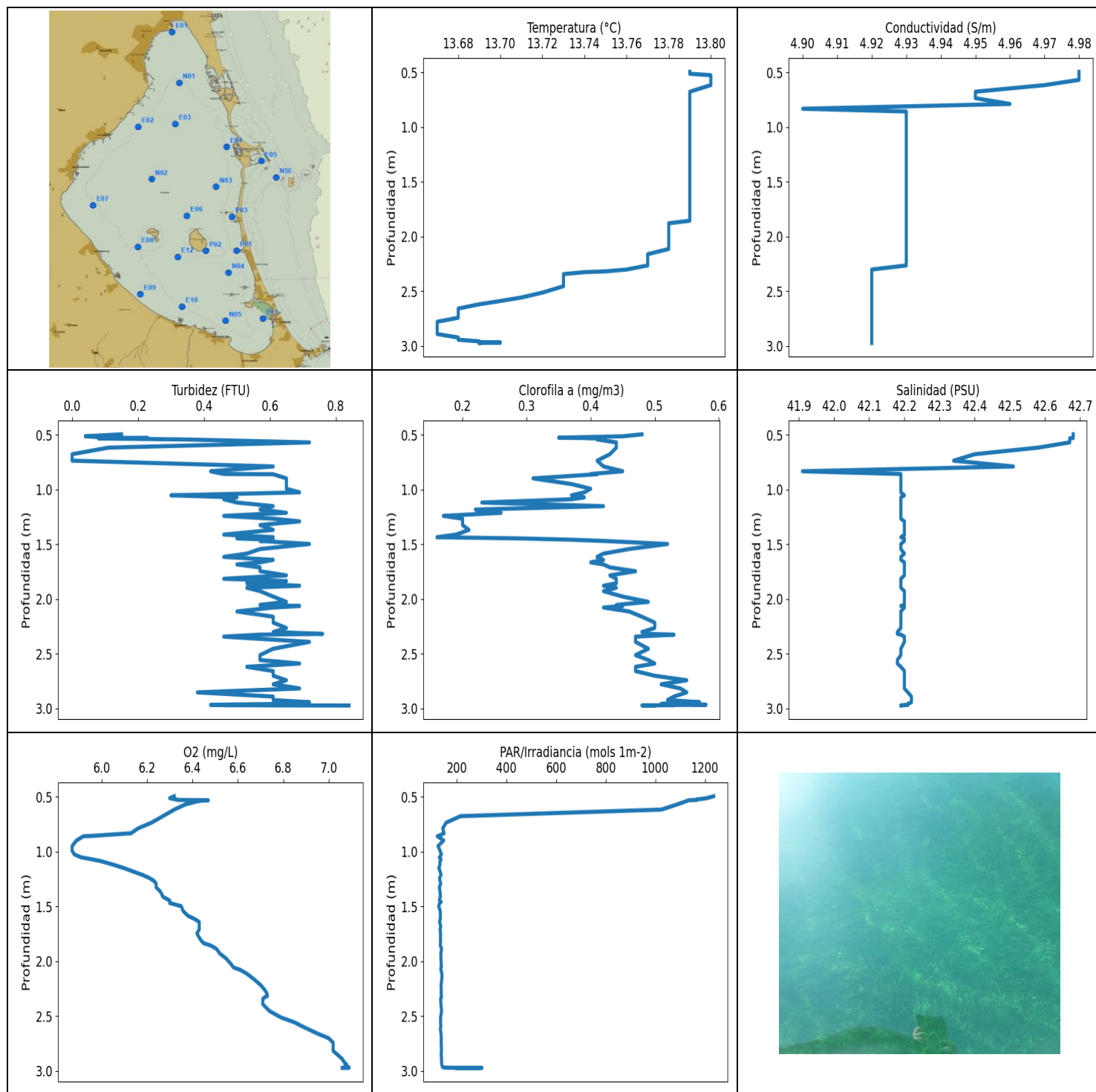
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.49	4.94	0.42	6.36	96.86	0.18	42.62
PROF (metros)	1.134	0.979	1.638	0.979	0.901	0.583	0.693
MÁXIMO	13.64	13.64	0.73	6.87	751.75	0.41	42.66
PROF (metros)	0.51	0.481	0.497	1.491	0.513	1.517	1.638

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P01 - Punto 013	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.6	4.95	0.61	6.58	374.69	0.32	42.63
1 - 2m	13.5	4.94	0.6	6.7	120.48	0.34	42.65

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.481	13.62	4.96	0.65	6.72	709.92	0.35	42.65
0.483	13.63	4.96	0.5	6.7	701.9	0.34	42.65
0.497	13.63	4.96	0.72	6.69	693.17	0.35	42.65
0.51	13.64	4.96	0.57	6.68	742.74	0.28	42.64
0.513	13.64	4.96	0.69	6.69	751.75	0.27	42.64
0.523	13.64	4.96	0.69	6.69	724.55	0.32	42.64
0.541	13.64	4.96	0.57	6.69	717.53	0.35	42.64
0.56	13.64	4.96	0.5	6.68	709.26	0.32	42.64
0.583	13.64	4.96	0.69	6.67	702.55	0.18	42.63
0.624	13.64	4.96	0.65	6.65	252.5	0.32	42.63
0.693	13.63	4.96	0.46	6.63	118.5	0.36	42.62
0.737	13.63	4.95	0.5	6.6	99.82	0.37	42.63
0.771	13.62	4.95	0.72	6.58	110.49	0.33	42.62
0.81	13.6	4.95	0.53	6.56	101.83	0.35	42.62
0.84	13.59	4.95	0.53	6.53	110.59	0.32	42.62
0.868	13.57	4.95	0.72	6.51	100.4	0.32	42.62
0.901	13.56	4.95	0.65	6.47	96.86	0.33	42.63
0.933	13.55	4.95	0.57	6.41	108.26	0.34	42.64
0.959	13.54	4.95	0.65	6.38	108.21	0.36	42.63
0.979	13.53	4.94	0.69	6.36	105.34	0.3	42.63
0.994	13.52	4.94	0.61	6.36	102.28	0.33	42.64
1.012	13.51	4.94	0.72	6.36	115.14	0.37	42.64
1.032	13.5	4.94	0.65	6.38	118.17	0.37	42.65
1.057	13.5	4.94	0.57	6.41	107.31	0.38	42.65
1.081	13.5	4.94	0.61	6.44	114.29	0.33	42.65
1.107	13.5	4.94	0.53	6.48	113.68	0.35	42.65
1.134	13.49	4.94	0.53	6.51	111.11	0.34	42.65
1.159	13.49	4.94	0.61	6.57	113.45	0.36	42.65
1.181	13.49	4.94	0.72	6.59	115.33	0.35	42.65
1.205	13.49	4.94	0.46	6.62	117.57	0.22	42.65
1.232	13.49	4.94	0.57	6.66	118.2	0.34	42.65
1.263	13.49	4.94	0.61	6.68	118.01	0.33	42.65
1.302	13.49	4.94	0.46	6.72	118.12	0.34	42.65
1.343	13.49	4.94	0.57	6.75	121.67	0.36	42.65
1.382	13.49	4.94	0.65	6.79	118.75	0.37	42.65
1.423	13.49	4.94	0.61	6.83	123.86	0.34	42.65
1.46	13.49	4.94	0.69	6.85	119.11	0.35	42.65
1.491	13.5	4.94	0.57	6.87	120.13	0.33	42.65
1.517	13.5	4.94	0.61	6.87	125.86	0.41	42.65
1.544	13.5	4.94	0.61	6.87	120.22	0.35	42.65

1.575	13.5	4.94	0.61	6.86	120.55	0.33	42.65
1.607	13.5	4.94	0.57	6.85	121.73	0.34	42.65
1.638	13.5	4.94	0.42	6.84	121.14	0.35	42.66
1.655	13.5	4.94	0.5	6.83	123.78	0.32	42.66
1.661	13.51	4.94	0.69	6.83	130.89	0.34	42.66
1.662	13.51	4.94	0.65	6.83	128.16	0.31	42.64
1.663	13.51	4.94	0.69	6.84	137.51	0.32	42.64
1.665	13.51	4.94	0.72	6.85	139.28	0.37	42.64



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

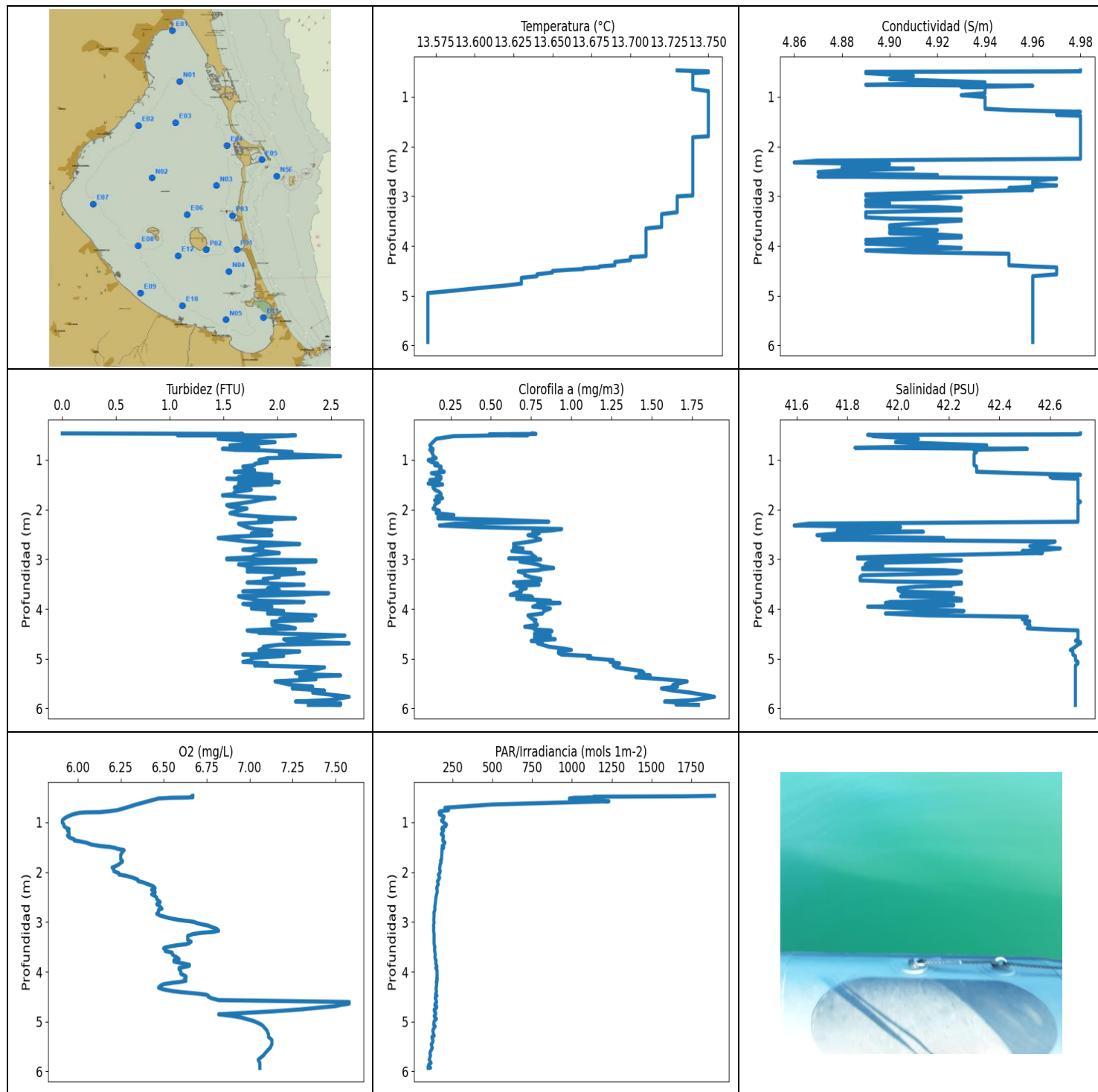
	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.67	4.9	0.0	5.87	121.96	0.16	41.91
PROF (metros)	2.78	0.832	0.676	0.949	0.859	1.435	0.832
MÁXIMO	13.8	13.8	0.84	7.09	1234.2	0.58	42.68
PROF (metros)	0.525	0.494	2.974	2.969	0.494	2.966	0.494

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	13.79	4.96	0.37	6.2	701.28	0.41	42.46
1 - 2m	13.79	4.93	0.56	6.3	133.76	0.36	42.19
2 - 3m	13.72	4.92	0.6	6.88	146.66	0.5	42.2

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)
0.494	13.79	4.98	0.15	6.32	1234.2	0.48	42.68
0.512	13.79	4.98	0.04	6.3	1205.9	0.45	42.68
0.525	13.8	4.98	0.11	6.33	1163.4	0.35	42.68
0.528	13.8	4.98	0.23	6.34	1165.5	0.39	42.68
0.531	13.8	4.98	0.15	6.47	1138.8	0.4	42.67
0.532	13.8	4.98	0.08	6.45	1131.7	0.42	42.67
0.541	13.8	4.98	0.34	6.42	1121.8	0.41	42.67
0.568	13.8	4.98	0.72	6.37	1088.7	0.44	42.67
0.616	13.8	4.97	0.11	6.32	1024.1	0.44	42.58
0.676	13.79	4.95	0.0	6.27	215.29	0.43	42.4
0.735	13.79	4.95	0.0	6.22	157.52	0.41	42.34
0.788	13.79	4.96	0.61	6.16	143.5	0.42	42.51
0.832	13.79	4.9	0.42	6.13	149.06	0.45	41.91
0.857	13.79	4.93	0.46	5.95	126.36	0.4	42.19
0.859	13.79	4.93	0.61	5.92	121.96	0.41	42.19
0.897	13.79	4.93	0.65	5.89	147.48	0.31	42.19
0.949	13.79	4.93	0.65	5.87	125.08	0.37	42.19
0.992	13.79	4.93	0.65	5.87	132.94	0.4	42.19
1.025	13.79	4.93	0.69	5.88	138.47	0.39	42.19
1.052	13.79	4.93	0.3	5.91	129.92	0.37	42.2
1.071	13.79	4.93	0.5	5.96	137.29	0.39	42.19
1.088	13.79	4.93	0.46	6.0	132.54	0.37	42.19
1.118	13.79	4.93	0.5	6.05	132.54	0.23	42.19
1.151	13.79	4.93	0.61	6.1	128.19	0.42	42.19
1.182	13.79	4.93	0.57	6.14	133.34	0.22	42.19
1.212	13.79	4.93	0.65	6.18	137.0	0.26	42.19
1.24	13.79	4.93	0.46	6.21	130.86	0.17	42.19
1.266	13.79	4.93	0.61	6.23	132.35	0.2	42.19
1.29	13.79	4.93	0.69	6.24	135.8	0.2	42.2
1.324	13.79	4.93	0.57	6.24	130.13	0.2	42.2
1.368	13.79	4.93	0.61	6.26	132.97	0.21	42.2
1.411	13.79	4.93	0.46	6.27	134.46	0.19	42.2
1.435	13.79	4.93	0.61	6.29	130.53	0.16	42.19
1.446	13.79	4.93	0.5	6.3	130.89	0.29	42.2
1.458	13.79	4.93	0.61	6.3	137.67	0.37	42.2
1.469	13.79	4.93	0.57	6.3	131.5	0.42	42.2
1.497	13.79	4.93	0.72	6.35	127.8	0.52	42.19
1.543	13.79	4.93	0.57	6.36	133.46	0.46	42.19
1.585	13.79	4.93	0.53	6.38	134.3	0.42	42.2

1.615	13.79	4.93	0.46	6.41	133.46	0.41	42.19
1.642	13.79	4.93	0.61	6.43	131.31	0.42	42.19
1.665	13.79	4.93	0.57	6.43	133.77	0.4	42.2
1.684	13.79	4.93	0.5	6.43	135.49	0.42	42.2
1.711	13.79	4.93	0.57	6.43	133.09	0.43	42.2
1.746	13.79	4.93	0.57	6.42	134.77	0.47	42.2
1.784	13.79	4.93	0.65	6.43	134.83	0.43	42.2
1.815	13.79	4.93	0.46	6.44	134.86	0.44	42.19
1.836	13.79	4.93	0.65	6.45	134.39	0.44	42.19
1.856	13.79	4.93	0.53	6.48	133.93	0.44	42.19
1.879	13.78	4.93	0.69	6.5	138.38	0.42	42.19
1.897	13.78	4.93	0.53	6.51	138.5	0.44	42.19
1.928	13.78	4.93	0.57	6.52	135.96	0.42	42.2
1.978	13.78	4.93	0.61	6.55	136.72	0.45	42.2
2.026	13.78	4.93	0.65	6.57	137.61	0.49	42.2
2.054	13.78	4.93	0.57	6.58	138.6	0.44	42.2
2.064	13.78	4.93	0.69	6.59	135.99	0.45	42.19
2.078	13.78	4.93	0.61	6.61	136.24	0.42	42.2
2.114	13.78	4.93	0.5	6.64	140.51	0.46	42.19
2.162	13.77	4.93	0.61	6.67	140.12	0.48	42.19
2.216	13.77	4.93	0.61	6.7	137.07	0.5	42.19
2.265	13.77	4.93	0.65	6.72	137.77	0.5	42.19
2.302	13.76	4.92	0.61	6.73	137.67	0.48	42.18
2.319	13.75	4.92	0.76	6.73	138.15	0.49	42.18
2.326	13.74	4.92	0.57	6.72	139.18	0.53	42.19
2.344	13.73	4.92	0.46	6.71	135.24	0.47	42.2
2.392	13.73	4.92	0.72	6.71	136.5	0.47	42.2
2.455	13.73	4.92	0.61	6.74	139.05	0.49	42.19
2.513	13.72	4.92	0.57	6.79	135.17	0.47	42.19
2.558	13.71	4.92	0.57	6.85	135.08	0.49	42.18
2.59	13.7	4.92	0.69	6.88	136.18	0.5	42.18
2.62	13.69	4.92	0.53	6.91	134.24	0.47	42.19
2.659	13.68	4.92	0.61	6.95	136.69	0.47	42.2
2.702	13.68	4.92	0.61	7.0	138.12	0.5	42.2
2.743	13.68	4.92	0.65	7.02	137.45	0.55	42.2
2.78	13.67	4.92	0.61	7.02	138.28	0.51	42.2
2.818	13.67	4.92	0.69	7.02	138.66	0.54	42.2
2.854	13.67	4.92	0.38	7.04	137.51	0.55	42.21
2.892	13.67	4.92	0.61	7.06	139.12	0.53	42.22
2.924	13.68	4.92	0.61	7.07	138.89	0.52	42.22
2.944	13.68	4.92	0.72	7.08	140.12	0.57	42.22
2.959	13.69	4.92	0.65	7.07	141.55	0.51	42.21
2.966	13.69	4.92	0.46	7.08	143.6	0.58	42.21
2.968	13.7	4.92	0.42	7.08	146.83	0.58	42.21
2.969	13.7	4.92	0.57	7.09	147.41	0.52	42.21
2.97	13.7	4.92	0.53	7.08	149.93	0.52	42.2
2.971	13.7	4.92	0.46	7.08	154.59	0.53	42.2
2.972	13.7	4.92	0.57	7.09	179.51	0.5	42.19
2.973	13.69	4.92	0.61	7.07	301.7	0.48	42.19
2.974	13.69	4.92	0.84	7.06	199.48	0.5	42.19



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.57	4.86	0.0	5.91	97.42	0.11	41.59
PROF (metros)	4.945	2.321	0.469	0.966	5.93	1.006	2.321
MÁXIMO	13.75	13.75	2.67	7.58	1895.0	1.89	42.72
PROF (metros)	0.487	0.469	4.69	4.607	0.469	5.766	0.469

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E12 - Punto 015	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.74	4.93	1.77	6.31	646.2	0.32	42.22
1 - 2m	13.75	4.97	1.74	6.11	185.99	0.16	42.6
2 - 3m	13.74	4.93	1.78	6.44	148.12	0.58	42.27
3 - 4m	13.72	4.91	1.92	6.63	139.04	0.75	42.05
4 - 5m	13.66	4.95	2.06	6.86	146.56	0.84	42.59
5 - 6m	13.57	4.96	2.25	7.09	118.8	1.55	42.7

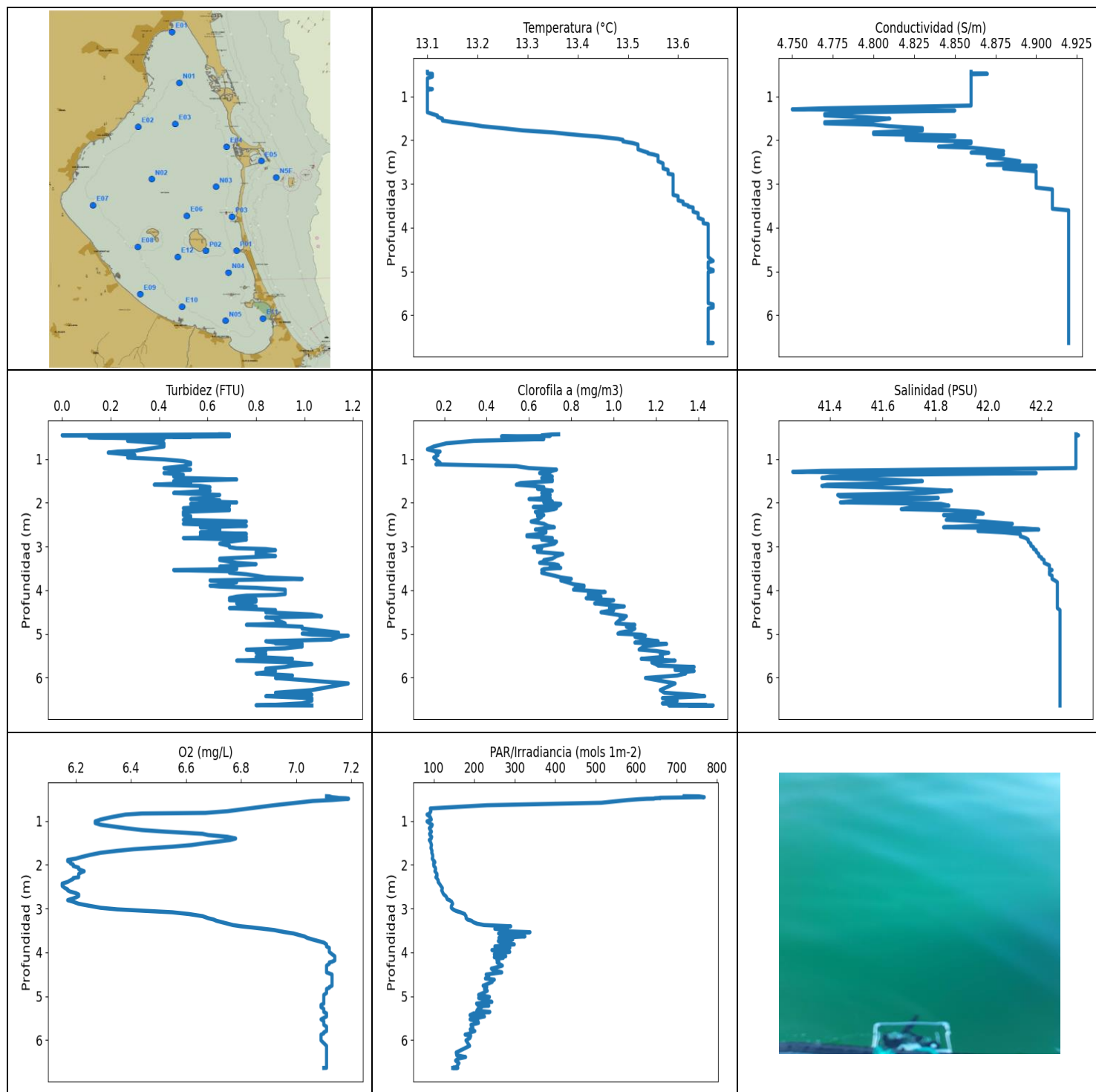
OBSERVACIONES GENERALES

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)
0.469	13.73	4.98	0.0	6.67	1895.0	0.76	42.72
0.479	13.74	4.98	1.68	6.67	1705.7	0.78	42.72
0.487	13.75	4.98	1.64	6.66	1137.0	0.49	42.71
0.49	13.75	4.97	1.64	6.66	1165.5	0.63	42.6
0.498	13.75	4.89	1.68	6.67	1140.9	0.62	41.88
0.504	13.75	4.89	1.07	6.64	1096.3	0.73	41.9
0.506	13.75	4.89	1.45	6.6	1096.6	0.65	41.9
0.509	13.75	4.89	2.17	6.54	1015.4	0.54	41.9
0.523	13.74	4.89	2.06	6.47	983.64	0.27	41.9
0.578	13.74	4.91	1.45	6.41	1231.9	0.16	42.08
0.644	13.74	4.9	1.98	6.34	496.81	0.14	41.99
0.709	13.74	4.94	1.56	6.28	202.56	0.12	42.35
0.757	13.74	4.89	1.83	6.23	225.19	0.13	41.83
0.78	13.74	4.96	1.49	6.18	172.26	0.14	42.51
0.797	13.74	4.94	1.6	6.13	166.95	0.12	42.31
0.801	13.74	4.93	1.6	6.05	178.68	0.13	42.3
0.81	13.74	4.94	1.87	6.01	167.3	0.14	42.3
0.843	13.74	4.94	2.14	5.97	169.41	0.13	42.31
0.886	13.75	4.94	2.02	5.94	197.36	0.14	42.3
0.927	13.75	4.94	2.59	5.92	193.74	0.14	42.3
0.966	13.75	4.93	1.91	5.91	180.77	0.16	42.3
1.006	13.75	4.94	1.83	5.91	194.73	0.11	42.3
1.045	13.75	4.94	1.91	5.92	212.56	0.13	42.3
1.08	13.75	4.94	1.79	5.92	208.07	0.17	42.3
1.107	13.75	4.94	1.79	5.93	185.74	0.15	42.3
1.137	13.75	4.94	1.68	5.95	183.09	0.19	42.31
1.168	13.75	4.94	1.72	5.94	194.68	0.19	42.31
1.205	13.75	4.94	1.79	5.95	185.74	0.18	42.31
1.24	13.75	4.94	1.6	5.95	179.14	0.21	42.31
1.267	13.75	4.95	1.76	5.94	192.89	0.13	42.46
1.303	13.75	4.98	1.95	5.95	192.8	0.17	42.72
1.343	13.75	4.97	1.64	5.98	189.12	0.19	42.6
1.365	13.75	4.97	1.95	5.98	188.51	0.16	42.61
1.381	13.75	4.98	1.53	6.01	195.09	0.19	42.71
1.409	13.75	4.98	1.76	6.05	202.79	0.12	42.71
1.448	13.75	4.98	2.02	6.08	194.1	0.18	42.71

1.476	13.75	4.98	1.64	6.13	184.92	0.11	42.71
1.496	13.75	4.98	1.95	6.19	195.0	0.2	42.71
1.517	13.75	4.98	1.72	6.22	193.83	0.16	42.71
1.531	13.75	4.98	1.64	6.23	183.77	0.14	42.71
1.559	13.75	4.98	1.6	6.27	184.58	0.14	42.71
1.6	13.75	4.98	1.76	6.26	183.6	0.15	42.71
1.649	13.75	4.98	1.6	6.25	182.87	0.18	42.71
1.687	13.75	4.98	1.6	6.25	181.69	0.19	42.71
1.715	13.75	4.98	1.49	6.25	181.61	0.19	42.71
1.742	13.75	4.98	1.72	6.25	181.78	0.16	42.71
1.771	13.75	4.98	1.98	6.26	174.87	0.2	42.71
1.794	13.75	4.98	1.87	6.26	176.18	0.17	42.71
1.813	13.74	4.98	1.83	6.25	178.27	0.15	42.71
1.844	13.74	4.98	1.76	6.24	172.46	0.18	42.72
1.881	13.74	4.98	1.64	6.22	171.46	0.16	42.71
1.91	13.74	4.98	1.53	6.2	169.96	0.15	42.71
1.94	13.74	4.98	1.56	6.21	168.63	0.15	42.71
1.981	13.74	4.98	1.72	6.21	173.26	0.14	42.71
2.023	13.74	4.98	1.64	6.24	169.25	0.18	42.71
2.049	13.74	4.98	1.6	6.24	161.29	0.16	42.71
2.073	13.74	4.98	1.56	6.28	163.81	0.16	42.71
2.11	13.74	4.98	1.64	6.32	169.76	0.27	42.71
2.151	13.74	4.98	1.91	6.35	164.04	0.17	42.71
2.178	13.74	4.98	2.17	6.35	156.17	0.17	42.71
2.205	13.74	4.98	1.83	6.38	156.86	0.54	42.71
2.245	13.74	4.98	1.95	6.41	161.1	0.86	42.71
2.284	13.74	4.87	1.64	6.44	154.55	0.28	41.65
2.321	13.74	4.86	1.68	6.45	150.63	0.18	41.59
2.356	13.74	4.9	1.72	6.43	153.62	0.44	42.01
2.391	13.74	4.89	1.79	6.45	154.48	0.94	41.88
2.419	13.74	4.88	1.95	6.45	153.02	0.88	41.76
2.446	13.74	4.91	1.87	6.43	149.93	0.76	42.1
2.479	13.74	4.88	1.76	6.45	148.17	0.8	41.77
2.514	13.74	4.87	1.95	6.46	145.65	0.73	41.68
2.543	13.74	4.88	1.6	6.46	144.91	0.78	41.75
2.572	13.74	4.92	1.45	6.47	144.44	0.78	42.18
2.602	13.74	4.87	1.56	6.48	143.37	0.81	41.7
2.643	13.74	4.97	1.72	6.46	141.39	0.75	42.62
2.692	13.74	4.96	2.21	6.48	139.31	0.64	42.58
2.734	13.74	4.96	1.83	6.49	139.41	0.65	42.52
2.759	13.74	4.96	1.87	6.47	139.7	0.64	42.56
2.782	13.74	4.97	1.79	6.47	137.13	0.7	42.64
2.807	13.74	4.96	1.68	6.47	134.05	0.69	42.59
2.835	13.74	4.95	1.87	6.46	133.68	0.63	42.49
2.873	13.74	4.96	2.02	6.48	134.39	0.75	42.57
2.921	13.74	4.92	1.79	6.53	133.46	0.76	42.13
2.961	13.74	4.89	1.76	6.59	132.48	0.78	41.84
2.985	13.74	4.89	1.53	6.65	133.46	0.61	41.84
3.002	13.73	4.91	1.53	6.68	133.49	0.81	42.09
3.021	13.73	4.93	2.36	6.69	134.3	0.71	42.25
3.046	13.73	4.92	2.36	6.72	132.26	0.68	42.14
3.074	13.73	4.89	1.91	6.76	130.95	0.74	41.88
3.104	13.73	4.89	1.64	6.78	132.29	0.79	41.87
3.141	13.73	4.9	1.76	6.81	131.89	0.82	41.94
3.176	13.73	4.89	1.72	6.82	131.34	0.89	41.86
3.2	13.73	4.89	2.17	6.79	132.54	0.82	41.86
3.218	13.73	4.92	1.87	6.72	133.59	0.8	42.18
3.244	13.73	4.93	1.72	6.67	133.9	0.67	42.25

3.281	13.73	4.93	2.25	6.64	134.74	0.71	42.23
3.321	13.73	4.89	1.98	6.64	134.21	0.71	41.86
3.359	13.72	4.89	2.02	6.64	134.58	0.75	41.85
3.395	13.72	4.89	1.87	6.66	134.39	0.81	41.85
3.425	13.72	4.89	1.91	6.65	134.7	0.81	41.85
3.447	13.72	4.9	1.87	6.63	135.02	0.74	41.97
3.467	13.72	4.93	1.72	6.58	135.74	0.64	42.25
3.491	13.72	4.93	1.98	6.54	138.25	0.76	42.25
3.512	13.72	4.92	2.25	6.51	139.44	0.8	42.19
3.531	13.72	4.92	1.98	6.5	138.6	0.66	42.21
3.552	13.72	4.91	1.98	6.51	137.26	0.69	42.07
3.585	13.72	4.9	1.91	6.51	138.41	0.72	42.0
3.616	13.72	4.9	2.02	6.55	139.92	0.68	42.0
3.647	13.71	4.9	1.68	6.55	141.72	0.69	42.01
3.68	13.71	4.92	2.48	6.56	140.93	0.65	42.22
3.715	13.71	4.9	2.17	6.58	139.83	0.62	42.02
3.744	13.71	4.9	1.64	6.59	141.92	0.75	42.01
3.769	13.71	4.92	1.68	6.56	146.9	0.76	42.21
3.796	13.71	4.93	1.76	6.56	146.49	0.66	42.25
3.831	13.71	4.93	1.83	6.61	144.44	0.87	42.25
3.859	13.71	4.9	2.25	6.65	147.96	0.79	41.97
3.88	13.71	4.89	1.87	6.65	151.61	0.93	41.95
3.899	13.71	4.9	1.68	6.63	151.85	0.8	42.0
3.923	13.71	4.92	1.76	6.59	144.84	0.79	42.22
3.952	13.71	4.89	1.95	6.59	151.78	0.76	41.88
3.99	13.71	4.91	1.76	6.6	153.23	0.87	42.07
4.04	13.71	4.93	2.06	6.6	153.05	0.83	42.26
4.091	13.71	4.89	1.91	6.63	153.55	0.82	41.95
4.128	13.71	4.91	2.36	6.63	151.15	0.73	42.11
4.156	13.71	4.95	2.1	6.62	155.02	0.74	42.51
4.182	13.71	4.95	2.06	6.63	151.68	0.75	42.49
4.203	13.71	4.95	2.02	6.6	148.31	0.76	42.49
4.222	13.7	4.95	2.33	6.55	151.96	0.78	42.5
4.249	13.7	4.95	1.95	6.5	149.9	0.77	42.52
4.284	13.7	4.95	1.95	6.48	150.52	0.78	42.5
4.32	13.69	4.95	1.95	6.47	146.46	0.79	42.52
4.355	13.69	4.95	2.1	6.5	147.28	0.71	42.52
4.387	13.69	4.95	2.17	6.55	149.86	0.78	42.51
4.412	13.68	4.96	1.91	6.61	148.1	0.77	42.6
4.43	13.68	4.97	1.72	6.67	146.94	0.87	42.71
4.448	13.67	4.97	1.76	6.72	143.4	0.88	42.71
4.463	13.67	4.97	1.98	6.75	149.06	0.81	42.71
4.48	13.66	4.97	1.83	6.76	152.45	0.85	42.71
4.501	13.65	4.97	2.14	6.76	143.37	0.77	42.71
4.533	13.65	4.97	2.63	6.78	141.46	0.87	42.71
4.569	13.64	4.97	2.36	6.82	147.31	0.77	42.71
4.607	13.64	4.96	2.06	7.58	150.49	0.9	42.71
4.64	13.63	4.96	2.1	7.58	141.19	0.75	42.7
4.666	13.63	4.96	2.4	7.53	139.18	0.82	42.72
4.69	13.63	4.96	2.67	7.5	150.31	0.79	42.72
4.718	13.63	4.96	2.02	7.41	151.22	0.82	42.71
4.758	13.63	4.96	1.87	7.29	135.46	0.86	42.7
4.794	13.62	4.96	1.87	7.14	136.91	0.95	42.69
4.824	13.61	4.96	1.83	6.98	145.04	1.0	42.68
4.854	13.6	4.96	2.21	6.82	144.4	0.92	42.69
4.887	13.59	4.96	2.02	6.9	135.27	0.92	42.69
4.917	13.58	4.96	1.68	6.95	140.54	0.94	42.69
4.945	13.57	4.96	2.06	6.98	149.44	1.12	42.7

4.984	13.57	4.96	1.76	7.02	136.34	1.1	42.7
5.028	13.57	4.96	1.76	7.05	132.72	1.26	42.7
5.063	13.57	4.96	1.68	7.07	131.62	1.24	42.71
5.095	13.57	4.96	1.91	7.08	141.72	1.3	42.71
5.134	13.57	4.96	1.79	7.09	133.06	1.26	42.7
5.174	13.57	4.96	2.44	7.1	126.83	1.28	42.7
5.249	13.57	4.96	2.29	7.11	130.1	1.44	42.7
5.281	13.57	4.96	2.17	7.11	135.11	1.45	42.7
5.308	13.57	4.96	2.21	7.11	120.8	1.42	42.7
5.335	13.57	4.96	2.59	7.12	122.21	1.49	42.7
5.372	13.57	4.96	2.21	7.13	128.07	1.4	42.7
5.414	13.57	4.96	2.36	7.13	125.89	1.58	42.7
5.456	13.57	4.96	1.98	7.13	116.7	1.72	42.7
5.529	13.57	4.96	2.14	7.12	123.58	1.63	42.7
5.56	13.57	4.96	2.33	7.11	118.69	1.66	42.7
5.597	13.57	4.96	2.14	7.1	111.85	1.56	42.7
5.639	13.57	4.96	2.44	7.09	108.51	1.63	42.7
5.681	13.57	4.96	2.33	7.08	112.06	1.74	42.7
5.766	13.57	4.96	2.67	7.05	103.98	1.89	42.7
5.831	13.57	4.96	2.48	7.06	115.65	1.76	42.7
5.862	13.57	4.96	2.17	7.06	101.64	1.58	42.7
5.896	13.57	4.96	2.59	7.06	98.4	1.72	42.7
5.918	13.57	4.96	2.44	7.06	102.02	1.65	42.7
5.927	13.57	4.96	2.59	7.06	112.58	1.77	42.7
5.93	13.57	4.96	2.29	7.06	97.42	1.79	42.7



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.1	4.75	0.0	6.15	83.18	0.12	41.26
PROF (metros)	0.433	1.292	0.455	2.429	1.008	0.776	1.292
MÁXIMO	13.67	13.67	1.18	7.19	768.48	1.47	42.34
PROF (metros)	4.761	3.603	5.041	0.489	0.455	6.639	0.455

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E06 - Punto 016	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.1	4.86	0.36	6.9	412.16	0.42	42.33
1 - 2m	13.21	4.82	0.53	6.43	94.15	0.59	41.74
2 - 3m	13.56	4.88	0.61	6.2	119.49	0.67	41.98
3 - 4m	13.62	4.91	0.74	6.86	239.58	0.72	42.22
4 - 5m	13.66	4.92	0.87	7.12	244.69	1.0	42.26
5 - 6m	13.66	4.92	0.92	7.1	206.58	1.22	42.27
6 - 7m	13.66	4.92	0.95	7.11	160.75	1.31	42.27

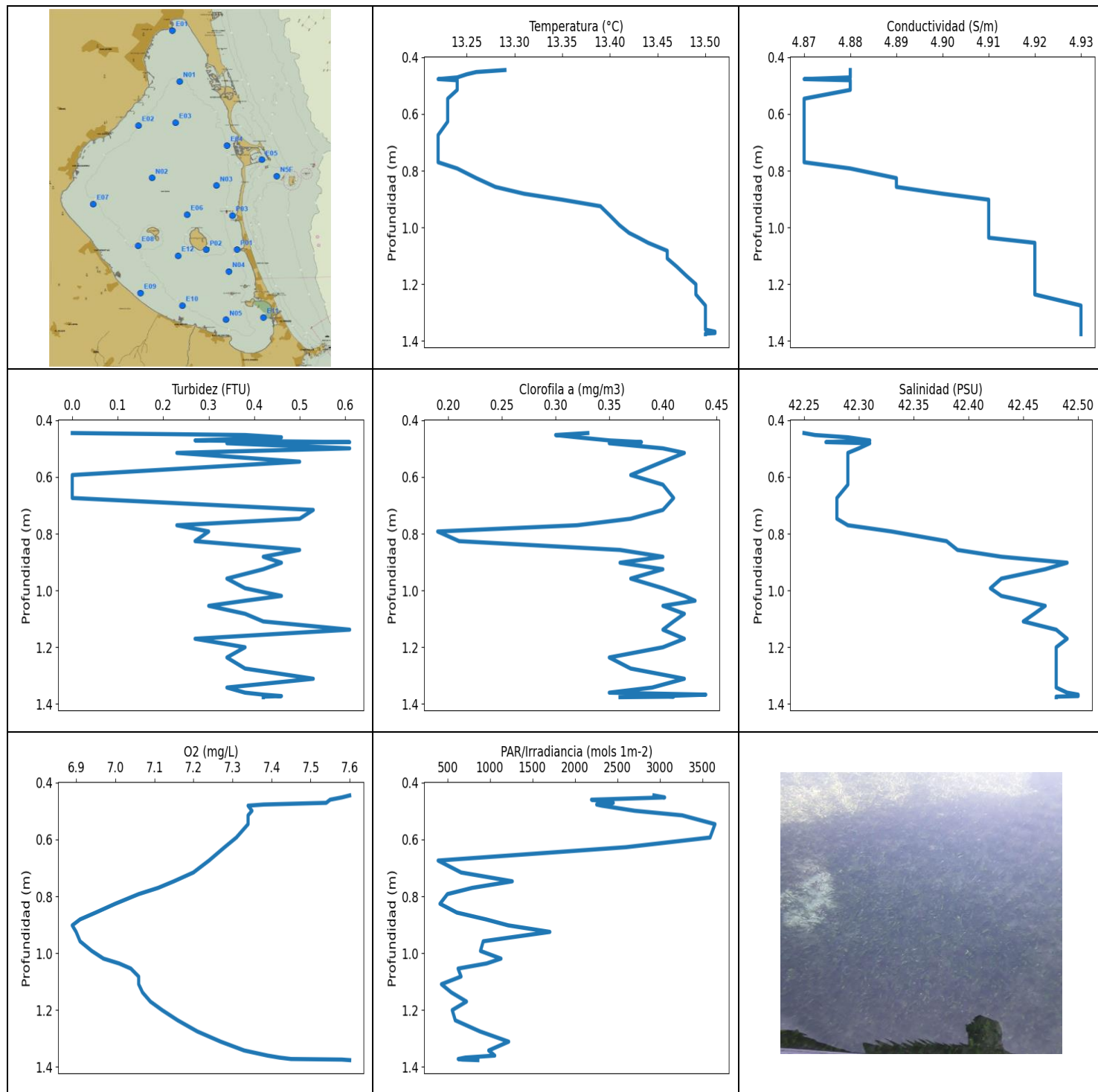
OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0.433	13.1	4.86	0.65	7.11	718.86	0.74	42.33
0.436	13.1	4.86	0.69	7.12	754.89	0.71	42.33
0.455	13.1	4.86	0.0	7.13	768.48	0.66	42.34
0.469	13.1	4.86	0.15	7.15	658.86	0.7	42.33
0.473	13.1	4.86	0.15	7.15	659.63	0.68	42.33
0.48	13.11	4.87	0.69	7.18	646.46	0.47	42.33
0.489	13.11	4.86	0.46	7.19	643.62	0.54	42.33
0.492	13.11	4.86	0.53	7.19	626.55	0.57	42.33
0.502	13.11	4.86	0.11	7.17	606.54	0.66	42.33
0.521	13.11	4.86	0.27	7.13	579.6	0.58	42.33
0.542	13.11	4.86	0.42	7.06	556.69	0.67	42.33
0.583	13.1	4.86	0.27	7.0	514.27	0.34	42.33
0.639	13.1	4.86	0.42	6.92	231.97	0.21	42.33
0.712	13.1	4.86	0.42	6.83	91.43	0.15	42.33
0.776	13.1	4.86	0.34	6.75	92.9	0.12	42.33
0.814	13.1	4.86	0.3	6.67	90.1	0.15	42.33
0.828	13.11	4.86	0.23	6.44	90.14	0.18	42.33
0.852	13.1	4.86	0.19	6.38	83.24	0.16	42.33
0.909	13.1	4.86	0.3	6.33	91.41	0.17	42.33
0.965	13.1	4.86	0.27	6.29	93.94	0.15	42.33
1.008	13.1	4.86	0.42	6.27	83.18	0.16	42.33
1.047	13.1	4.86	0.5	6.27	88.94	0.17	42.33
1.085	13.1	4.86	0.53	6.29	96.3	0.18	42.33
1.12	13.1	4.86	0.53	6.33	94.8	0.16	42.33
1.162	13.1	4.86	0.5	6.38	88.82	0.54	42.33
1.206	13.1	4.86	0.42	6.44	91.51	0.6	42.33
1.241	13.1	4.81	0.53	6.52	94.36	0.73	41.79
1.269	13.1	4.77	0.46	6.6	92.47	0.71	41.37
1.292	13.1	4.75	0.46	6.66	89.48	0.7	41.26
1.32	13.1	4.85	0.42	6.68	90.52	0.65	42.18
1.36	13.1	4.79	0.5	6.75	94.93	0.69	41.62
1.399	13.11	4.77	0.46	6.78	93.64	0.71	41.4
1.433	13.12	4.77	0.5	6.76	88.8	0.66	41.37
1.466	13.12	4.79	0.72	6.72	91.36	0.71	41.61
1.504	13.13	4.81	0.46	6.67	92.95	0.71	41.75

1.548	13.13	4.8	0.53	6.62	94.49	0.56	41.66
1.586	13.15	4.77	0.38	6.55	93.57	0.54	41.39
1.614	13.17	4.77	0.57	6.48	92.9	0.62	41.37
1.643	13.19	4.8	0.61	6.41	94.09	0.67	41.57
1.68	13.21	4.81	0.57	6.35	95.7	0.64	41.71
1.724	13.25	4.83	0.61	6.29	94.99	0.71	41.86
1.775	13.29	4.83	0.46	6.25	97.26	0.66	41.76
1.821	13.35	4.8	0.65	6.22	97.47	0.7	41.43
1.857	13.38	4.8	0.61	6.2	96.06	0.66	41.44
1.889	13.41	4.85	0.61	6.17	98.28	0.7	41.81
1.915	13.44	4.85	0.53	6.17	101.36	0.6	41.77
1.942	13.46	4.82	0.65	6.18	102.88	0.69	41.5
1.967	13.48	4.82	0.57	6.18	99.66	0.71	41.48
1.991	13.49	4.82	0.72	6.19	99.64	0.67	41.44
2.026	13.49	4.86	0.53	6.19	100.26	0.75	41.82
2.065	13.51	4.86	0.69	6.21	103.91	0.74	41.85
2.098	13.52	4.85	0.57	6.21	104.66	0.62	41.71
2.123	13.52	4.85	0.5	6.22	103.43	0.73	41.69
2.146	13.52	4.84	0.69	6.23	102.81	0.72	41.67
2.17	13.52	4.86	0.69	6.22	105.07	0.69	41.85
2.207	13.52	4.87	0.5	6.21	107.83	0.63	41.96
2.248	13.53	4.88	0.5	6.21	108.21	0.64	41.98
2.282	13.54	4.86	0.5	6.21	105.07	0.67	41.83
2.302	13.54	4.87	0.53	6.19	107.26	0.64	41.9
2.323	13.55	4.88	0.53	6.19	108.91	0.66	41.95
2.354	13.56	4.87	0.53	6.18	111.05	0.65	41.88
2.39	13.56	4.87	0.5	6.17	110.67	0.64	41.84
2.429	13.56	4.88	0.76	6.15	113.92	0.61	41.98
2.481	13.56	4.89	0.5	6.15	117.54	0.67	42.09
2.53	13.57	4.88	0.76	6.16	121.17	0.69	41.94
2.561	13.57	4.87	0.57	6.17	120.63	0.72	41.83
2.583	13.57	4.9	0.65	6.17	119.49	0.67	42.13
2.613	13.57	4.9	0.65	6.18	121.31	0.63	42.19
2.646	13.57	4.88	0.65	6.2	122.69	0.68	41.96
2.678	13.58	4.89	0.57	6.21	124.87	0.68	42.06
2.712	13.58	4.9	0.76	6.21	129.5	0.66	42.12
2.744	13.58	4.9	0.57	6.2	131.92	0.59	42.12
2.767	13.58	4.9	0.61	6.19	132.23	0.59	42.12
2.785	13.59	4.9	0.76	6.18	133.37	0.65	42.13
2.807	13.59	4.9	0.5	6.17	139.05	0.71	42.14
2.843	13.59	4.9	0.76	6.19	144.27	0.66	42.15
2.89	13.59	4.9	0.69	6.21	146.66	0.73	42.15
2.937	13.59	4.9	0.65	6.25	143.64	0.72	42.16
2.982	13.59	4.9	0.69	6.29	143.37	0.67	42.16
3.017	13.59	4.9	0.69	6.35	147.65	0.62	42.17
3.04	13.59	4.9	0.72	6.42	152.1	0.66	42.17
3.058	13.59	4.9	0.84	6.48	156.57	0.64	42.17
3.084	13.59	4.9	0.88	6.55	165.8	0.64	42.18
3.124	13.59	4.91	0.8	6.61	176.42	0.64	42.18
3.173	13.59	4.91	0.8	6.66	179.76	0.76	42.19
3.219	13.59	4.91	0.88	6.68	179.93	0.73	42.19
3.25	13.59	4.91	0.76	6.7	183.51	0.72	42.2
3.278	13.6	4.91	0.65	6.71	193.38	0.71	42.2
3.311	13.6	4.91	0.65	6.73	197.87	0.67	42.21
3.344	13.6	4.91	0.69	6.75	206.73	0.67	42.21
3.376	13.6	4.91	0.72	6.77	224.2	0.65	42.21
3.405	13.61	4.91	0.8	6.8	290.18	0.72	42.22
3.431	13.61	4.91	0.72	6.84	253.56	0.74	42.23

3.461	13.61	4.91	0.65	6.88	250.93	0.7	42.23
3.49	13.62	4.91	0.72	6.92	283.27	0.75	42.23
3.516	13.62	4.91	0.72	6.94	270.75	0.67	42.23
3.539	13.63	4.91	0.46	6.96	337.75	0.66	42.24
3.568	13.63	4.91	0.69	6.99	260.17	0.67	42.23
3.603	13.63	4.92	0.69	7.01	277.93	0.66	42.23
3.636	13.63	4.92	0.76	7.03	325.3	0.69	42.23
3.669	13.64	4.92	0.8	7.04	260.95	0.72	42.24
3.707	13.64	4.92	0.84	7.06	294.92	0.75	42.24
3.742	13.64	4.92	0.99	7.08	259.51	0.8	42.24
3.776	13.64	4.92	0.61	7.1	266.89	0.75	42.25
3.817	13.65	4.92	0.72	7.11	298.92	0.78	42.26
3.864	13.65	4.92	0.69	7.11	251.05	0.81	42.26
3.897	13.65	4.92	0.61	7.12	287.9	0.86	42.26
3.919	13.66	4.92	0.65	7.12	261.74	0.86	42.26
3.947	13.66	4.92	0.8	7.12	243.71	0.82	42.26
3.988	13.66	4.92	0.92	7.12	287.77	0.81	42.26
4.042	13.66	4.92	0.92	7.13	249.65	0.96	42.26
4.088	13.66	4.92	0.92	7.14	277.87	0.88	42.26
4.111	13.66	4.92	0.88	7.14	249.6	0.92	42.26
4.125	13.66	4.92	0.76	7.14	271.82	0.88	42.26
4.148	13.66	4.92	0.72	7.14	255.57	0.94	42.26
4.183	13.66	4.92	0.69	7.14	256.34	0.87	42.26
4.214	13.66	4.92	0.8	7.13	260.89	0.94	42.26
4.23	13.66	4.92	0.69	7.12	256.58	1.0	42.26
4.26	13.66	4.92	0.8	7.12	261.26	0.97	42.26
4.303	13.66	4.92	0.72	7.11	269.5	0.91	42.26
4.339	13.66	4.92	0.76	7.11	256.69	0.98	42.26
4.371	13.66	4.92	0.8	7.11	242.3	1.05	42.26
4.411	13.66	4.92	0.69	7.11	247.75	0.98	42.26
4.456	13.66	4.92	0.88	7.11	268.06	1.0	42.27
4.506	13.66	4.92	0.84	7.13	229.46	0.94	42.27
4.557	13.66	4.92	1.03	7.13	235.82	1.01	42.27
4.596	13.66	4.92	1.07	7.13	227.55	1.06	42.27
4.623	13.66	4.92	0.84	7.13	249.65	1.03	42.27
4.646	13.66	4.92	0.88	7.13	243.37	1.05	42.27
4.675	13.66	4.92	0.88	7.13	244.44	1.03	42.27
4.761	13.67	4.92	0.92	7.13	221.97	1.01	42.27
4.793	13.66	4.92	0.76	7.12	230.95	1.1	42.27
4.809	13.66	4.92	0.88	7.12	230.25	1.06	42.27
4.836	13.66	4.92	0.99	7.11	225.19	1.06	42.27
4.878	13.66	4.92	0.99	7.11	232.24	1.1	42.27
4.929	13.66	4.92	1.07	7.11	221.67	1.08	42.27
4.971	13.67	4.92	1.14	7.1	210.79	1.03	42.27
4.995	13.67	4.92	0.99	7.1	223.99	1.02	42.27
5.018	13.66	4.92	1.03	7.1	237.68	1.13	42.27
5.041	13.66	4.92	1.18	7.1	210.89	1.15	42.27
5.066	13.66	4.92	1.14	7.1	219.72	1.1	42.27
5.131	13.66	4.92	1.11	7.1	243.65	1.15	42.27
5.169	13.66	4.92	0.84	7.1	205.68	1.21	42.27
5.2	13.66	4.92	0.88	7.09	208.61	1.1	42.27
5.219	13.66	4.92	0.88	7.09	235.98	1.17	42.27
5.231	13.66	4.92	0.99	7.09	213.05	1.25	42.27
5.251	13.66	4.92	0.95	7.09	218.1	1.2	42.27
5.29	13.66	4.92	0.99	7.1	209.33	1.14	42.27
5.331	13.66	4.92	0.92	7.1	206.44	1.13	42.27
5.36	13.66	4.92	0.76	7.1	238.62	1.12	42.27
5.392	13.66	4.92	0.84	7.11	198.79	1.2	42.27

5.434	13.66	4.92	0.8	7.11	189.48	1.26	42.27
5.464	13.66	4.92	0.84	7.11	225.29	1.22	42.27
5.53	13.66	4.92	0.8	7.09	189.61	1.23	42.27
5.572	13.66	4.92	0.95	7.1	209.14	1.13	42.27
5.612	13.66	4.92	0.72	7.1	210.4	1.29	42.27
5.654	13.66	4.92	0.95	7.1	191.91	1.18	42.27
5.695	13.66	4.92	1.03	7.11	193.74	1.2	42.27
5.727	13.66	4.92	0.95	7.11	196.82	1.21	42.27
5.758	13.67	4.92	0.92	7.11	190.0	1.38	42.27
5.797	13.67	4.92	0.84	7.11	201.48	1.29	42.27
5.826	13.67	4.92	0.84	7.1	190.93	1.29	42.27
5.85	13.66	4.92	0.88	7.1	190.75	1.38	42.27
5.878	13.66	4.92	0.84	7.09	177.45	1.32	42.27
5.907	13.66	4.92	0.8	7.09	191.28	1.34	42.27
5.954	13.66	4.92	0.95	7.09	189.48	1.3	42.27
6.01	13.66	4.92	0.88	7.09	179.6	1.15	42.27
6.135	13.66	4.92	1.18	7.11	188.6	1.29	42.27
6.287	13.66	4.92	1.03	7.11	155.41	1.22	42.27
6.348	13.66	4.92	0.88	7.11	156.64	1.24	42.27
6.391	13.66	4.92	1.03	7.11	178.73	1.37	42.27
6.427	13.66	4.92	0.84	7.11	159.83	1.43	42.27
6.472	13.66	4.92	1.03	7.11	153.87	1.23	42.27
6.529	13.66	4.92	1.03	7.11	162.26	1.3	42.27
6.59	13.66	4.92	0.99	7.11	157.74	1.23	42.27
6.623	13.66	4.92	0.88	7.11	158.69	1.32	42.27
6.633	13.66	4.92	0.8	7.11	147.89	1.44	42.27
6.636	13.67	4.92	0.8	7.11	147.35	1.37	42.27
6.637	13.67	4.92	0.84	7.11	158.54	1.26	42.27
6.639	13.66	4.92	0.99	7.1	159.39	1.47	42.27
6.64	13.66	4.92	1.03	7.1	146.77	1.36	42.27



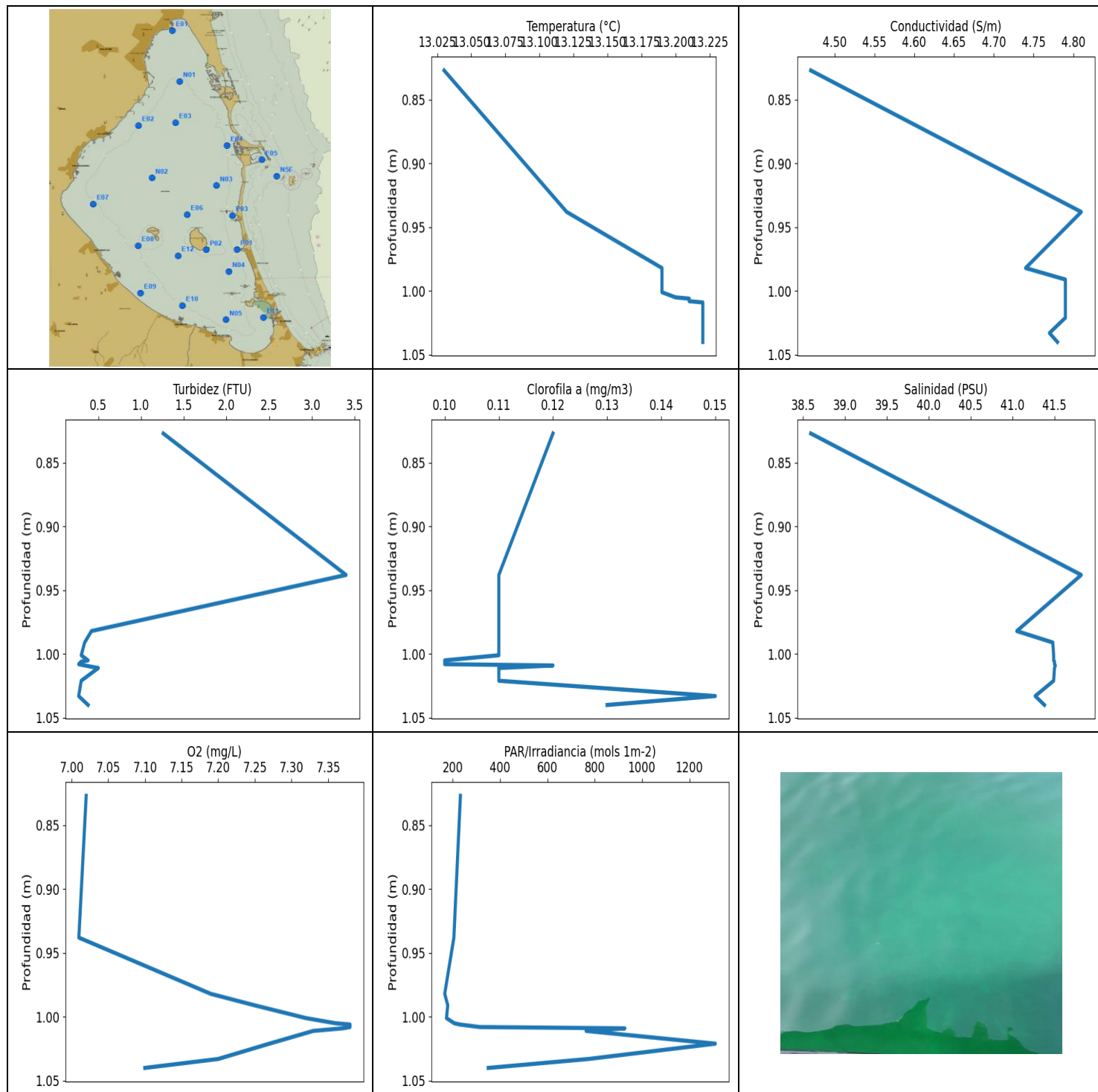
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m³)	Salinidad (PSU)
MÍNIMO	13.22	4.87	0.0	6.89	387.51	0.19	42.25
PROF (metros)	0.477	0.477	0.445	0.902	0.674	0.792	0.445
MÁXIMO	13.51	13.51	0.61	7.6	3649.7	0.44	42.5
PROF (metros)	1.367	1.275	0.477	0.445	0.546	1.367	1.367

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD P03 - Punto 017	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.27	4.89	0.41	7.18	1673.57	0.35	42.34
1 - 2m	13.48	4.92	0.41	7.23	776.67	0.4	42.48

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)
0.445	13.29	4.88	0.0	7.6	2930.5	0.33	42.25
0.452	13.26	4.88	0.38	7.58	3056.7	0.3	42.26
0.46	13.25	4.88	0.46	7.55	2194.9	0.32	42.29
0.471	13.24	4.88	0.27	7.54	2451.5	0.35	42.31
0.477	13.22	4.87	0.61	7.38	2255.8	0.38	42.27
0.481	13.24	4.88	0.34	7.34	2316.7	0.35	42.31
0.499	13.24	4.88	0.61	7.35	2705.9	0.4	42.3
0.515	13.24	4.88	0.23	7.34	3263.2	0.42	42.29
0.546	13.23	4.87	0.5	7.34	3649.7	0.4	42.29
0.593	13.23	4.87	0.0	7.31	3591.8	0.37	42.29
0.627	13.23	4.87	0.0	7.28	2600.8	0.4	42.29
0.674	13.22	4.87	0.0	7.24	387.51	0.41	42.28
0.716	13.22	4.87	0.53	7.2	659.17	0.4	42.28
0.747	13.22	4.87	0.5	7.15	1261.7	0.37	42.28
0.77	13.22	4.87	0.23	7.11	790.89	0.32	42.29
0.792	13.24	4.88	0.3	7.06	497.27	0.19	42.33
0.826	13.26	4.89	0.27	7.0	409.3	0.21	42.38
0.857	13.28	4.89	0.5	6.95	608.8	0.36	42.39
0.881	13.31	4.9	0.42	6.91	952.01	0.4	42.43
0.902	13.35	4.91	0.46	6.89	1214.0	0.36	42.49
0.925	13.39	4.91	0.42	6.9	1704.1	0.4	42.47
0.958	13.4	4.91	0.34	6.91	919.27	0.37	42.43
0.992	13.41	4.91	0.38	6.94	886.83	0.4	42.42
1.019	13.42	4.91	0.46	6.97	1128.6	0.42	42.43
1.036	13.43	4.91	0.38	7.01	959.1	0.43	42.45
1.054	13.44	4.92	0.3	7.04	622.78	0.4	42.47
1.082	13.46	4.92	0.38	7.06	657.95	0.42	42.46
1.109	13.46	4.92	0.42	7.06	426.44	0.41	42.45
1.138	13.47	4.92	0.61	7.07	543.94	0.4	42.48
1.17	13.48	4.92	0.27	7.09	722.37	0.42	42.49
1.2	13.49	4.92	0.38	7.12	553.99	0.4	42.48
1.236	13.49	4.92	0.34	7.16	589.9	0.35	42.48
1.275	13.5	4.93	0.38	7.21	880.69	0.37	42.48
1.311	13.5	4.93	0.53	7.27	1219.1	0.42	42.48
1.342	13.5	4.93	0.34	7.33	983.64	0.39	42.48
1.36	13.5	4.93	0.38	7.39	1054.7	0.35	42.49
1.367	13.51	4.93	0.42	7.42	708.44	0.44	42.5
1.372	13.51	4.93	0.46	7.45	624.08	0.4	42.5
1.374	13.5	4.93	0.42	7.58	672.28	0.41	42.48
1.376	13.5	4.93	0.42	7.6	855.34	0.36	42.48



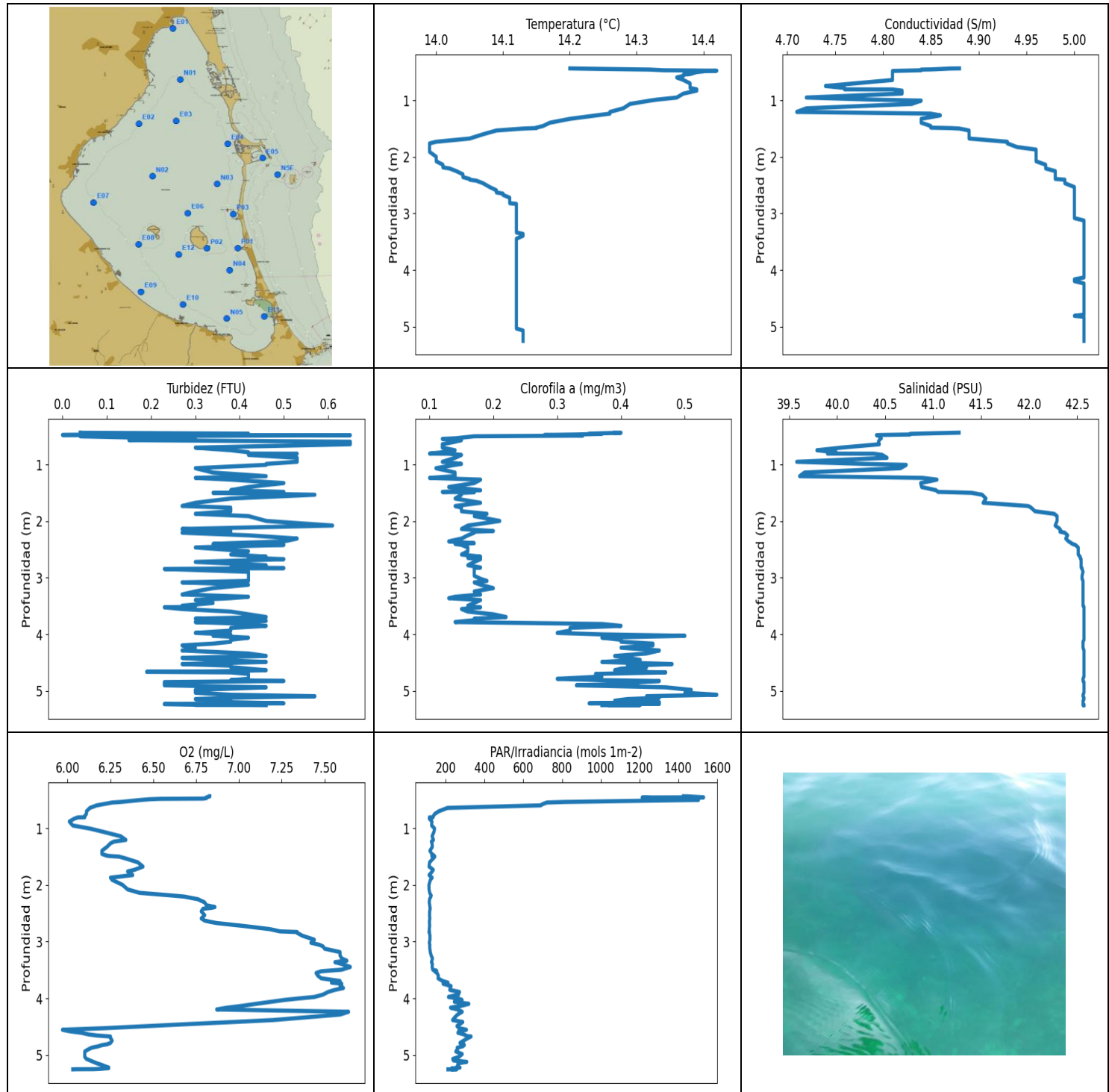
VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.03	4.47	0.27	7.01	165.95	0.1	38.59
PROF (metros)	0.827	0.827	1.008	0.938	0.982	1.005	0.827
MÁXIMO	13.22	13.22	3.4	7.38	1308.7	0.15	41.82
PROF (metros)	1.009	0.938	0.938	1.006	1.021	1.033	0.938

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N03 - Punto 018	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	13.13	4.7	1.35	7.12	195.4	0.11	40.73
1 - 2m	13.21	4.79	0.34	7.3	560.43	0.11	41.46

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)
0.827	13.03	4.47	1.26	7.02	232.24	0.12	38.59
0.938	13.12	4.81	3.4	7.01	204.63	0.11	41.82
0.982	13.19	4.74	0.42	7.19	165.95	0.11	41.05
0.991	13.19	4.79	0.34	7.25	178.77	0.11	41.48
1.001	13.19	4.79	0.3	7.32	173.38	0.11	41.49
1.005	13.2	4.79	0.38	7.36	206.11	0.1	41.49
1.006	13.21	4.79	0.3	7.38	228.98	0.1	41.5
1.008	13.21	4.79	0.27	7.38	314.85	0.1	41.5
1.009	13.22	4.79	0.34	7.37	926.76	0.12	41.51
1.011	13.22	4.79	0.5	7.33	762.98	0.11	41.5
1.021	13.22	4.79	0.3	7.27	1308.7	0.11	41.49
1.033	13.22	4.77	0.27	7.2	772.59	0.15	41.27
1.04	13.22	4.78	0.38	7.1	349.54	0.13	41.38



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

	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/l)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m ³)	Salinidad (PSU)
MÍNIMO	13.99	4.71	0.0	5.97	113.61	0.1	39.58
PROF (metros)	1.762	1.206	0.478	4.553	2.83	0.807	0.952
MÁXIMO	14.42	14.42	0.65	7.65	1529.6	0.55	42.57
PROF (metros)	0.478	3.124	0.482	3.446	0.455	5.067	3.514

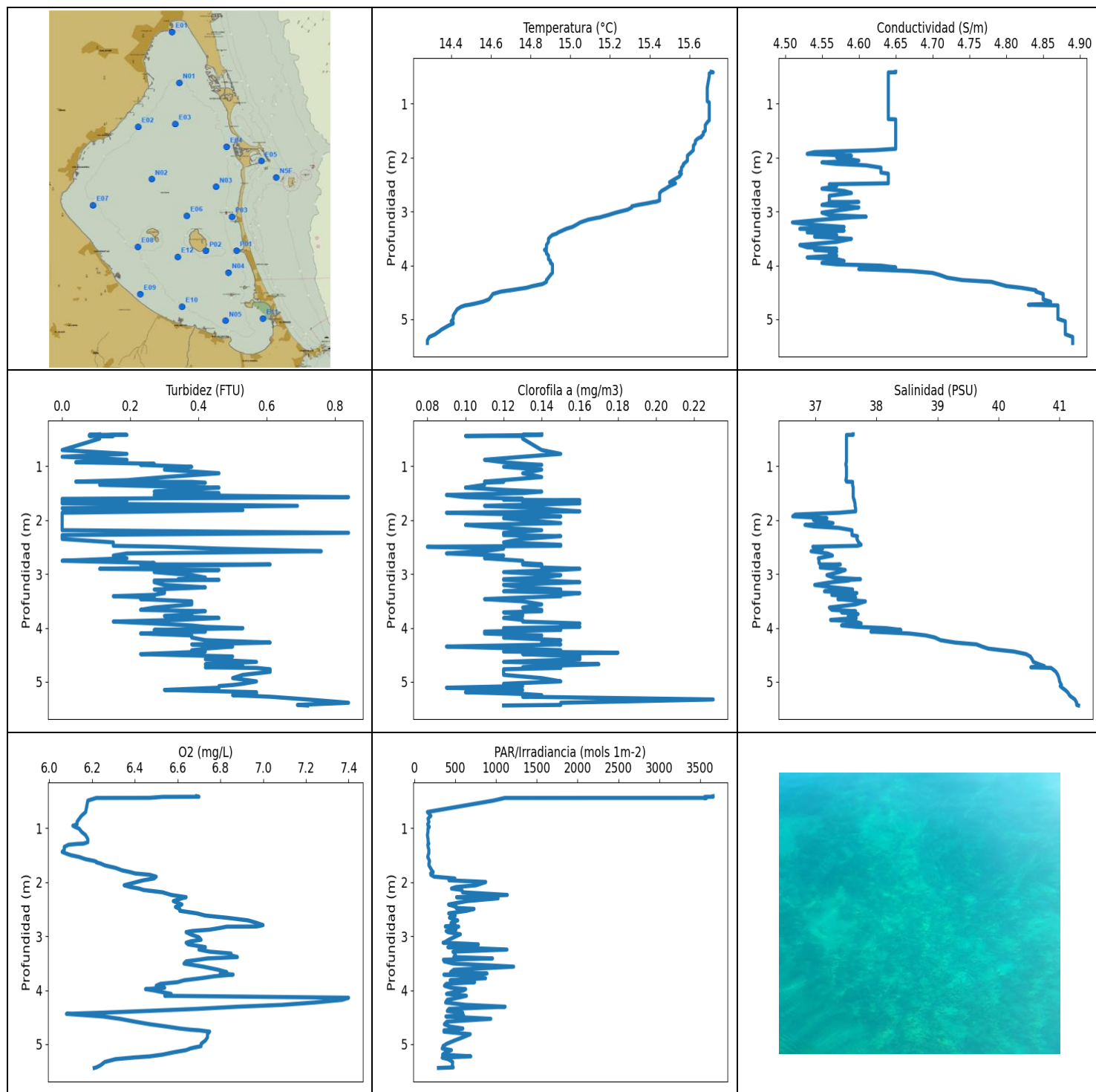
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E04 - Punto 019	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	14.35	4.81	0.37	6.33	697.82	0.21	40.42
1 - 2m	14.13	4.87	0.4	6.29	129.04	0.15	41.26
2 - 3m	14.07	4.99	0.41	6.89	117.89	0.16	42.46
3 - 4m	14.12	5.01	0.35	7.54	166.1	0.2	42.56
4 - 5m	14.12	5.01	0.36	6.58	277.64	0.42	42.57
5 - 6m	14.13	5.01	0.37	6.16	252.83	0.43	42.56

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)
0.437	14.2	4.88	0.04	6.83	1425.6	0.39	41.27
0.439	14.21	4.87	0.04	6.83	1450.2	0.4	41.22
0.455	14.31	4.85	0.42	6.81	1529.6	0.35	40.86
0.458	14.32	4.84	0.3	6.81	1212.9	0.37	40.76
0.47	14.34	4.84	0.11	6.81	1274.9	0.33	40.76
0.478	14.42	4.82	0.0	6.79	1259.6	0.28	40.45
0.482	14.4	4.81	0.65	6.54	1348.4	0.31	40.41
0.489	14.4	4.81	0.46	6.48	1267.5	0.34	40.43
0.501	14.39	4.81	0.04	6.43	1503.3	0.17	40.44
0.537	14.38	4.81	0.23	6.31	810.56	0.14	40.46
0.547	14.37	4.81	0.3	6.26	721.53	0.12	40.45
0.569	14.37	4.81	0.15	6.22	703.69	0.15	40.44
0.597	14.36	4.81	0.65	6.17	689.01	0.14	40.43
0.642	14.37	4.81	0.65	6.13	209.14	0.12	40.44
0.702	14.38	4.77	0.3	6.11	163.92	0.12	40.04
0.748	14.38	4.74	0.38	6.11	143.64	0.14	39.79
0.783	14.38	4.76	0.42	6.1	136.75	0.12	39.99
0.807	14.39	4.76	0.42	6.1	134.8	0.1	39.9
0.809	14.39	4.81	0.53	6.06	115.87	0.13	40.38
0.83	14.39	4.82	0.42	6.04	115.44	0.15	40.47
0.882	14.37	4.82	0.53	6.01	129.17	0.14	40.52
0.952	14.36	4.72	0.53	6.03	127.36	0.12	39.58
0.989	14.33	4.79	0.46	6.1	138.76	0.15	40.29
1.006	14.32	4.84	0.46	6.13	142.81	0.14	40.72
1.065	14.29	4.83	0.3	6.21	139.47	0.11	40.66
1.142	14.28	4.72	0.34	6.31	129.89	0.14	39.66
1.206	14.26	4.71	0.46	6.34	137.04	0.14	39.61
1.236	14.26	4.85	0.3	6.27	126.09	0.1	40.89
1.267	14.24	4.86	0.38	6.25	129.83	0.18	41.04
1.328	14.2	4.84	0.5	6.23	131.13	0.17	40.87
1.397	14.17	4.84	0.42	6.2	118.69	0.13	40.88
1.454	14.16	4.85	0.38	6.2	128.81	0.18	41.03
1.484	14.15	4.85	0.5	6.23	140.64	0.12	41.05
1.491	14.15	4.87	0.46	6.25	128.54	0.17	41.22
1.5	14.13	4.88	0.34	6.3	144.2	0.15	41.4
1.534	14.09	4.89	0.57	6.34	135.27	0.15	41.51

1.601	14.07	4.89	0.38	6.41	116.95	0.14	41.55
1.676	14.05	4.89	0.3	6.44	114.4	0.18	41.52
1.733	14.0	4.93	0.27	6.39	136.12	0.14	41.99
1.762	13.99	4.93	0.38	6.35	130.65	0.15	42.02
1.826	13.99	4.94	0.38	6.38	114.37	0.15	42.06
1.871	13.99	4.96	0.3	6.25	130.22	0.19	42.26
1.911	13.99	4.96	0.42	6.26	120.91	0.17	42.29
1.997	14.0	4.96	0.46	6.32	113.79	0.21	42.29
2.078	14.0	4.96	0.61	6.35	114.24	0.16	42.27
2.139	14.01	4.97	0.27	6.42	117.68	0.15	42.32
2.175	14.01	4.97	0.38	6.57	122.66	0.2	42.33
2.186	14.01	4.97	0.38	6.61	125.31	0.17	42.32
2.205	14.02	4.97	0.27	6.68	123.58	0.17	42.37
2.251	14.03	4.98	0.42	6.76	116.92	0.16	42.4
2.308	14.04	4.98	0.53	6.8	115.25	0.15	42.38
2.358	14.04	4.98	0.5	6.81	117.65	0.13	42.41
2.39	14.05	4.98	0.38	6.86	118.69	0.17	42.44
2.403	14.05	4.99	0.34	6.84	119.66	0.14	42.45
2.42	14.06	4.99	0.5	6.79	119.8	0.15	42.48
2.465	14.07	4.99	0.3	6.78	117.24	0.16	42.51
2.533	14.08	5.0	0.42	6.8	116.84	0.16	42.51
2.59	14.09	5.0	0.38	6.78	117.98	0.15	42.51
2.628	14.09	5.0	0.46	6.8	116.78	0.18	42.53
2.649	14.1	5.0	0.42	6.83	115.79	0.16	42.53
2.672	14.1	5.0	0.5	6.87	116.57	0.18	42.54
2.721	14.11	5.0	0.3	7.02	117.35	0.17	42.54
2.779	14.11	5.0	0.46	7.18	115.44	0.16	42.54
2.819	14.11	5.0	0.38	7.24	116.13	0.18	42.54
2.83	14.12	5.0	0.5	7.34	113.61	0.17	42.55
2.845	14.12	5.0	0.23	7.34	116.4	0.17	42.55
2.895	14.12	5.0	0.42	7.37	118.89	0.17	42.56
2.965	14.12	5.0	0.42	7.44	118.83	0.17	42.55
3.019	14.12	5.0	0.42	7.42	115.62	0.18	42.55
3.056	14.12	5.0	0.42	7.47	118.28	0.19	42.56
3.082	14.12	5.0	0.27	7.49	117.46	0.17	42.56
3.124	14.12	5.01	0.42	7.5	118.36	0.18	42.56
3.184	14.12	5.01	0.34	7.59	120.8	0.2	42.56
3.242	14.12	5.01	0.3	7.59	124.87	0.17	42.56
3.296	14.12	5.01	0.27	7.6	132.02	0.18	42.56
3.336	14.12	5.01	0.42	7.63	128.81	0.14	42.56
3.361	14.13	5.01	0.38	7.56	126.56	0.13	42.56
3.394	14.13	5.01	0.3	7.6	131.56	0.18	42.56
3.446	14.12	5.01	0.34	7.65	129.95	0.17	42.56
3.494	14.12	5.01	0.27	7.6	133.46	0.16	42.56
3.514	14.12	5.01	0.3	7.51	153.66	0.16	42.57
3.522	14.12	5.01	0.23	7.48	143.07	0.18	42.57
3.553	14.12	5.01	0.27	7.45	155.23	0.15	42.57
3.598	14.12	5.01	0.38	7.46	162.34	0.16	42.57
3.646	14.12	5.01	0.42	7.48	160.5	0.2	42.57
3.694	14.12	5.01	0.46	7.59	184.66	0.22	42.57
3.723	14.12	5.01	0.3	7.54	212.12	0.17	42.57
3.741	14.12	5.01	0.34	7.6	186.43	0.18	42.57
3.76	14.12	5.01	0.46	7.6	205.39	0.16	42.57
3.783	14.12	5.01	0.3	7.59	227.97	0.14	42.57
3.817	14.12	5.01	0.42	7.61	223.63	0.37	42.57
3.85	14.12	5.01	0.46	7.56	220.95	0.4	42.57
3.887	14.12	5.01	0.38	7.52	271.25	0.32	42.57
3.934	14.12	5.01	0.38	7.49	265.59	0.32	42.57

3.975	14.12	5.01	0.3	7.44	214.14	0.3	42.57
4.001	14.12	5.01	0.38	7.35	263.51	0.37	42.57
4.026	14.12	5.01	0.34	7.27	284.39	0.5	42.57
4.059	14.12	5.01	0.42	7.19	244.33	0.37	42.57
4.096	14.12	5.01	0.38	7.1	319.48	0.4	42.57
4.131	14.12	5.01	0.38	7.02	280.46	0.4	42.56
4.164	14.12	5.0	0.34	6.93	224.82	0.45	42.56
4.195	14.12	5.0	0.27	6.87	260.05	0.45	42.56
4.236	14.12	5.01	0.3	7.64	285.18	0.4	42.56
4.285	14.12	5.01	0.27	7.59	261.2	0.46	42.57
4.338	14.12	5.01	0.42	7.38	245.98	0.44	42.57
4.382	14.12	5.01	0.46	7.2	235.54	0.39	42.57
4.416	14.12	5.01	0.27	6.97	288.17	0.41	42.57
4.451	14.12	5.01	0.34	6.72	273.27	0.43	42.57
4.488	14.12	5.01	0.46	6.47	258.19	0.37	42.57
4.525	14.12	5.01	0.27	6.22	269.5	0.48	42.57
4.553	14.12	5.01	0.38	5.97	307.06	0.41	42.57
4.579	14.12	5.01	0.38	6.01	268.0	0.44	42.57
4.606	14.12	5.01	0.42	6.08	263.02	0.4	42.57
4.634	14.12	5.01	0.46	6.12	292.61	0.39	42.57
4.654	14.12	5.01	0.34	6.17	304.79	0.44	42.57
4.663	14.12	5.01	0.19	6.21	306.85	0.42	42.57
4.672	14.12	5.01	0.38	6.25	331.01	0.47	42.57
4.699	14.12	5.01	0.42	6.25	315.14	0.36	42.57
4.745	14.12	5.01	0.42	6.26	292.2	0.37	42.57
4.786	14.12	5.01	0.42	6.25	273.53	0.3	42.56
4.809	14.12	5.0	0.38	6.23	294.11	0.37	42.56
4.824	14.12	5.01	0.5	6.2	296.09	0.46	42.56
4.844	14.12	5.01	0.23	6.18	288.1	0.43	42.57
4.87	14.12	5.01	0.23	6.14	259.21	0.42	42.57
4.9	14.12	5.01	0.23	6.12	260.83	0.33	42.57
4.936	14.12	5.01	0.46	6.1	252.27	0.47	42.57
4.982	14.12	5.01	0.3	6.1	285.44	0.51	42.57
5.032	14.12	5.01	0.3	6.1	267.07	0.5	42.57
5.067	14.13	5.01	0.38	6.11	236.53	0.55	42.56
5.093	14.13	5.01	0.57	6.13	239.45	0.44	42.56
5.119	14.13	5.01	0.38	6.15	308.7	0.46	42.57
5.144	14.13	5.01	0.3	6.17	263.08	0.41	42.57
5.173	14.13	5.01	0.38	6.2	263.81	0.39	42.56
5.199	14.13	5.01	0.38	6.22	259.15	0.46	42.56
5.219	14.13	5.01	0.5	6.24	273.91	0.35	42.56
5.229	14.13	5.01	0.23	6.24	252.97	0.46	42.56
5.234	14.13	5.01	0.23	6.22	229.93	0.38	42.56
5.243	14.13	5.01	0.3	6.19	247.46	0.38	42.57
5.248	14.13	5.01	0.3	6.15	228.55	0.38	42.56
5.249	14.13	5.01	0.42	6.05	257.41	0.43	42.57
5.251	14.13	5.01	0.46	6.03	211.58	0.37	42.57



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	14.28	4.51	0.0	6.06	158.84	0.08	36.63
PROF (metros)	5.388	3.204	0.704	1.442	0.704	2.496	1.933
MÁXIMO	15.72	15.72	0.84	7.4	3661.6	0.23	41.31
PROF (metros)	0.422	5.327	1.577	4.14	0.422	5.327	5.439

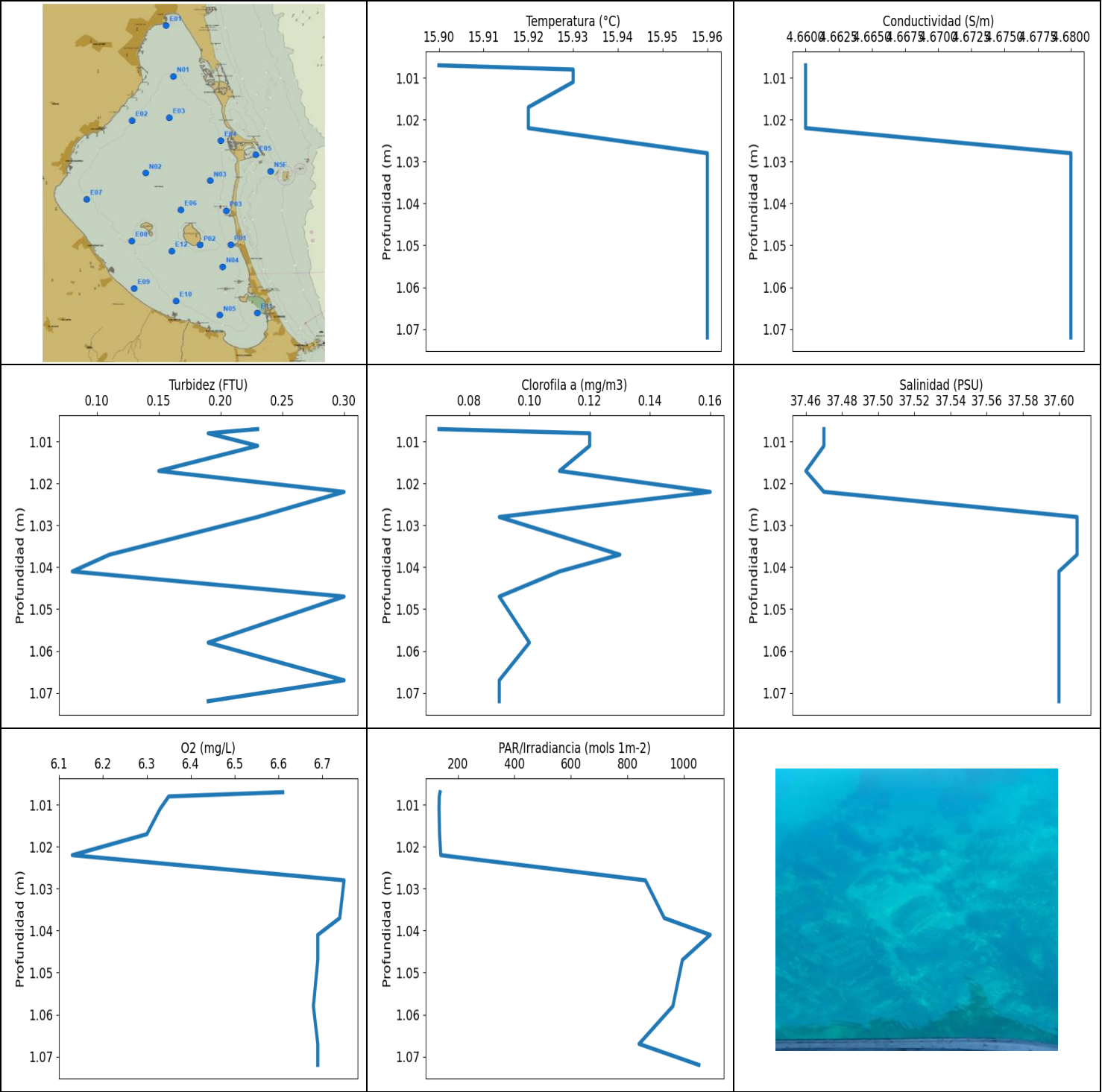
DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD E05 - Punto 020	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
0 - 1m	15.7	4.64	0.15	6.33	1891.07	0.13	37.52
1 - 2m	15.68	4.64	0.37	6.17	175.98	0.12	37.59
2 - 3m	15.44	4.59	0.33	6.74	526.97	0.13	37.28
3 - 4m	14.97	4.56	0.32	6.7	568.08	0.14	37.48
4 - 5m	14.69	4.79	0.45	6.64	528.24	0.14	39.95
5 - 6m	14.34	4.88	0.58	6.45	414.06	0.13	41.15

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)
0.412	15.71	4.65	0.11	6.69	3660.8	0.14	37.62
0.422	15.72	4.65	0.08	6.7	3661.6	0.13	37.62
0.423	15.71	4.64	0.19	6.59	3605.2	0.13	37.51
0.424	15.71	4.64	0.15	6.53	3557.9	0.14	37.51
0.442	15.7	4.64	0.08	6.47	3549.6	0.1	37.51
0.443	15.7	4.64	0.15	6.26	3581.0	0.13	37.51
0.444	15.7	4.64	0.11	6.22	1108.1	0.13	37.51
0.493	15.7	4.64	0.11	6.18	967.58	0.13	37.51
0.704	15.69	4.64	0.0	6.17	158.84	0.14	37.51
0.775	15.69	4.64	0.19	6.15	201.57	0.15	37.51
0.828	15.69	4.64	0.0	6.14	166.18	0.13	37.51
0.884	15.69	4.64	0.19	6.13	177.73	0.11	37.51
0.93	15.69	4.64	0.04	6.13	162.52	0.12	37.51
0.958	15.69	4.64	0.27	6.11	167.77	0.13	37.5
0.979	15.7	4.64	0.23	6.12	182.49	0.14	37.5
1.014	15.7	4.64	0.38	6.14	165.57	0.12	37.51
1.067	15.7	4.64	0.3	6.15	166.18	0.14	37.51
1.134	15.7	4.64	0.46	6.17	159.06	0.13	37.51
1.205	15.7	4.64	0.3	6.18	167.03	0.14	37.51
1.262	15.7	4.64	0.19	6.18	168.47	0.12	37.5
1.289	15.7	4.64	0.04	6.16	176.46	0.11	37.51
1.294	15.7	4.65	0.38	6.13	170.08	0.12	37.61
1.31	15.7	4.65	0.42	6.09	163.73	0.11	37.61
1.349	15.69	4.65	0.11	6.07	167.53	0.11	37.61
1.401	15.68	4.65	0.46	6.07	176.26	0.1	37.62
1.442	15.68	4.65	0.34	6.06	176.46	0.12	37.62
1.474	15.68	4.65	0.27	6.08	175.44	0.14	37.62
1.502	15.68	4.65	0.46	6.1	167.5	0.13	37.62
1.536	15.67	4.65	0.27	6.14	162.6	0.09	37.62
1.577	15.67	4.65	0.84	6.17	175.81	0.1	37.62
1.609	15.66	4.65	0.0	6.21	184.79	0.13	37.63
1.625	15.66	4.65	0.0	6.22	184.75	0.12	37.63
1.635	15.65	4.65	0.19	6.22	180.56	0.16	37.64
1.657	15.64	4.65	0.0	6.24	177.08	0.13	37.64
1.692	15.63	4.65	0.0	6.26	178.19	0.16	37.65
1.738	15.63	4.65	0.69	6.31	196.13	0.11	37.65

1.783	15.62	4.65	0.0	6.34	212.76	0.14	37.66
1.817	15.62	4.65	0.53	6.38	230.04	0.15	37.66
1.84	15.62	4.65	0.3	6.4	198.74	0.16	37.66
1.866	15.62	4.62	0.0	6.47	201.57	0.09	37.39
1.9	15.61	4.54	0.0	6.5	241.63	0.13	36.67
1.933	15.6	4.53	0.0	6.49	495.43	0.15	36.63
1.967	15.59	4.59	0.0	6.44	423.78	0.12	37.19
1.998	15.59	4.57	0.0	6.41	873.57	0.13	36.97
2.059	15.59	4.6	0.0	6.35	757.17	0.15	37.29
2.092	15.58	4.55	0.0	6.38	509.64	0.1	36.83
2.12	15.57	4.57	0.0	6.42	453.98	0.11	36.98
2.146	15.57	4.61	0.0	6.44	581.89	0.12	37.38
2.189	15.56	4.63	0.0	6.53	589.36	0.14	37.6
2.238	15.56	4.63	0.84	6.57	1137.8	0.12	37.6
2.28	15.55	4.63	0.0	6.64	516.78	0.12	37.6
2.3	15.56	4.64	0.0	6.62	1025.3	0.15	37.69
2.352	15.55	4.64	0.0	6.58	640.05	0.13	37.68
2.415	15.52	4.64	0.15	6.62	418.22	0.12	37.71
2.46	15.5	4.64	0.15	6.59	514.15	0.15	37.75
2.479	15.53	4.64	0.15	6.6	511.66	0.15	37.69
2.496	15.52	4.56	0.3	6.61	730.45	0.08	36.96
2.531	15.5	4.57	0.46	6.61	640.64	0.12	37.12
2.579	15.48	4.55	0.76	6.69	420.26	0.11	36.93
2.62	15.46	4.58	0.19	6.73	499.7	0.09	37.2
2.66	15.45	4.59	0.15	6.83	429.32	0.12	37.28
2.709	15.45	4.56	0.19	6.93	530.12	0.11	37.05
2.756	15.45	4.56	0.0	6.97	448.75	0.13	37.06
2.797	15.45	4.56	0.27	7.0	502.26	0.13	37.06
2.822	15.43	4.56	0.23	6.97	378.46	0.14	37.08
2.824	15.42	4.56	0.27	6.92	430.51	0.14	37.08
2.825	15.42	4.6	0.61	6.83	542.3	0.13	37.41
2.848	15.39	4.56	0.27	6.8	457.89	0.14	37.13
2.881	15.34	4.55	0.34	6.75	508.58	0.14	37.08
2.905	15.31	4.58	0.11	6.67	388.77	0.16	37.36
2.926	15.31	4.6	0.46	6.64	408.64	0.15	37.49
2.966	15.29	4.58	0.27	6.66	562.79	0.12	37.39
3.022	15.23	4.55	0.38	6.7	485.21	0.15	37.19
3.068	15.19	4.56	0.42	6.71	419.38	0.14	37.3
3.098	15.16	4.61	0.34	6.66	387.42	0.12	37.74
3.11	15.15	4.59	0.46	6.65	377.15	0.12	37.56
3.122	15.13	4.58	0.27	6.64	351.41	0.14	37.55
3.153	15.09	4.55	0.27	6.65	782.68	0.16	37.27
3.204	15.05	4.51	0.3	6.73	410.06	0.12	36.99
3.249	15.03	4.54	0.42	6.7	1134.3	0.13	37.29
3.288	15.01	4.58	0.27	6.75	471.79	0.15	37.61
3.322	14.98	4.52	0.3	6.85	494.86	0.12	37.15
3.355	14.96	4.58	0.3	6.85	502.6	0.16	37.68
3.388	14.94	4.53	0.27	6.88	482.74	0.15	37.27
3.413	14.93	4.56	0.15	6.74	957.1	0.15	37.52
3.437	14.91	4.57	0.27	6.7	355.42	0.13	37.66
3.467	14.9	4.54	0.23	6.64	365.11	0.11	37.37
3.508	14.89	4.59	0.38	6.63	478.51	0.13	37.82
3.565	14.89	4.57	0.38	6.72	1215.7	0.14	37.66
3.623	14.88	4.52	0.27	6.79	481.51	0.13	37.23
3.666	14.88	4.53	0.23	6.83	443.58	0.14	37.27
3.691	14.88	4.57	0.42	6.8	889.71	0.14	37.66
3.712	14.87	4.54	0.38	6.86	361.07	0.12	37.43
3.744	14.88	4.57	0.38	6.77	748.96	0.13	37.7

3.779	14.88	4.56	0.3	6.71	871.14	0.13	37.54
3.817	14.89	4.57	0.46	6.63	437.66	0.12	37.67
3.852	14.89	4.53	0.34	6.6	737.94	0.13	37.25
3.883	14.89	4.57	0.15	6.52	389.4	0.13	37.65
3.918	14.9	4.58	0.27	6.5	368.16	0.16	37.75
3.955	14.9	4.55	0.38	6.54	445.85	0.15	37.43
3.981	14.91	4.57	0.42	6.45	627.85	0.16	37.68
4.005	14.91	4.63	0.53	6.49	601.08	0.12	38.16
4.038	14.91	4.65	0.27	6.53	482.96	0.15	38.4
4.069	14.91	4.6	0.42	6.57	393.31	0.11	37.91
4.104	14.91	4.67	0.23	6.54	637.24	0.11	38.54
4.14	14.91	4.7	0.38	7.4	533.82	0.14	38.81
4.179	14.9	4.71	0.38	7.37	402.25	0.12	38.96
4.228	14.89	4.72	0.42	7.24	381.99	0.15	39.05
4.272	14.88	4.74	0.61	7.09	628.29	0.14	39.29
4.306	14.88	4.78	0.38	6.88	1111.4	0.15	39.64
4.346	14.86	4.79	0.5	6.69	423.98	0.09	39.73
4.384	14.81	4.8	0.42	6.46	402.81	0.13	39.83
4.415	14.78	4.82	0.38	6.26	590.73	0.15	40.06
4.438	14.74	4.83	0.42	6.08	586.9	0.12	40.25
4.46	14.7	4.84	0.34	6.16	600.53	0.18	40.34
4.486	14.65	4.84	0.23	6.25	385.54	0.13	40.45
4.53	14.61	4.85	0.5	6.33	936.26	0.16	40.52
4.582	14.6	4.85	0.42	6.4	397.34	0.16	40.55
4.63	14.59	4.85	0.57	6.47	366.89	0.12	40.57
4.673	14.56	4.86	0.42	6.55	439.18	0.17	40.66
4.709	14.52	4.86	0.53	6.61	593.47	0.14	40.75
4.731	14.49	4.83	0.42	6.66	479.28	0.13	40.53
4.742	14.47	4.87	0.57	6.7	362.74	0.15	40.86
4.767	14.45	4.87	0.61	6.75	361.23	0.12	40.89
4.814	14.43	4.87	0.61	6.74	683.6	0.12	40.94
4.871	14.42	4.87	0.53	6.74	594.3	0.12	40.97
4.931	14.41	4.87	0.5	6.73	490.63	0.14	40.99
4.992	14.41	4.87	0.57	6.71	394.77	0.15	41.0
5.036	14.4	4.88	0.53	6.71	350.43	0.12	41.02
5.059	14.41	4.88	0.5	6.68	365.27	0.12	41.03
5.078	14.41	4.88	0.46	6.66	340.11	0.13	41.01
5.109	14.39	4.88	0.46	6.64	452.82	0.09	41.04
5.15	14.37	4.88	0.3	6.58	381.72	0.13	41.09
5.192	14.35	4.88	0.57	6.53	345.83	0.1	41.13
5.224	14.34	4.88	0.57	6.47	690.77	0.13	41.15
5.247	14.33	4.88	0.5	6.39	340.11	0.14	41.16
5.276	14.32	4.88	0.61	6.31	412.83	0.13	41.19
5.327	14.29	4.89	0.72	6.26	468.19	0.23	41.25
5.388	14.28	4.89	0.84	6.24	464.84	0.15	41.28
5.428	14.28	4.89	0.69	6.22	475.52	0.15	41.28
5.439	14.28	4.89	0.72	6.21	294.38	0.12	41.31



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	15.9	4.66	0.08	6.13	132.97	0.07	37.46
PROF (metros)	1.007	1.007	1.041	1.022	1.011	1.007	1.017
MÁXIMO	15.96	15.96	0.31	6.75	1093.0	0.16	37.61
PROF (metros)	1.028	1.028	1.022	1.028	1.041	1.022	1.028

DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
CTD N5F - Punto 021	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
1 - 2m	15.94	4.67	0.21	6.55	617.81	0.11	37.55

OBSERVACIONES GENERALES

DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA							
Profundidad (m)	Temp. (°C)	Conductividad (S/m)	Turbidez (FTU)	Oxígeno (mg/L)	PAR/Irradiancia (mols-1m-2)	Clorofila (mg/m3)	Salinidad (PSU)
1.007	15.9	4.66	0.23	6.61	136.62	0.07	37.47
1.008	15.93	4.66	0.19	6.35	133.77	0.12	37.47
1.011	15.93	4.66	0.23	6.33	132.97	0.12	37.47
1.017	15.92	4.66	0.15	6.3	134.89	0.11	37.46
1.022	15.92	4.66	0.3	6.13	139.24	0.16	37.47
1.028	15.96	4.68	0.23	6.75	863.51	0.09	37.61
1.037	15.96	4.68	0.11	6.74	930.42	0.13	37.61
1.041	15.96	4.68	0.08	6.69	1093.0	0.11	37.6
1.047	15.96	4.68	0.3	6.69	994.41	0.09	37.6
1.058	15.96	4.68	0.19	6.68	960.88	0.1	37.6
1.067	15.96	4.68	0.3	6.69	841.18	0.09	37.6
1.072	15.96	4.68	0.19	6.69	1052.8	0.09	37.6