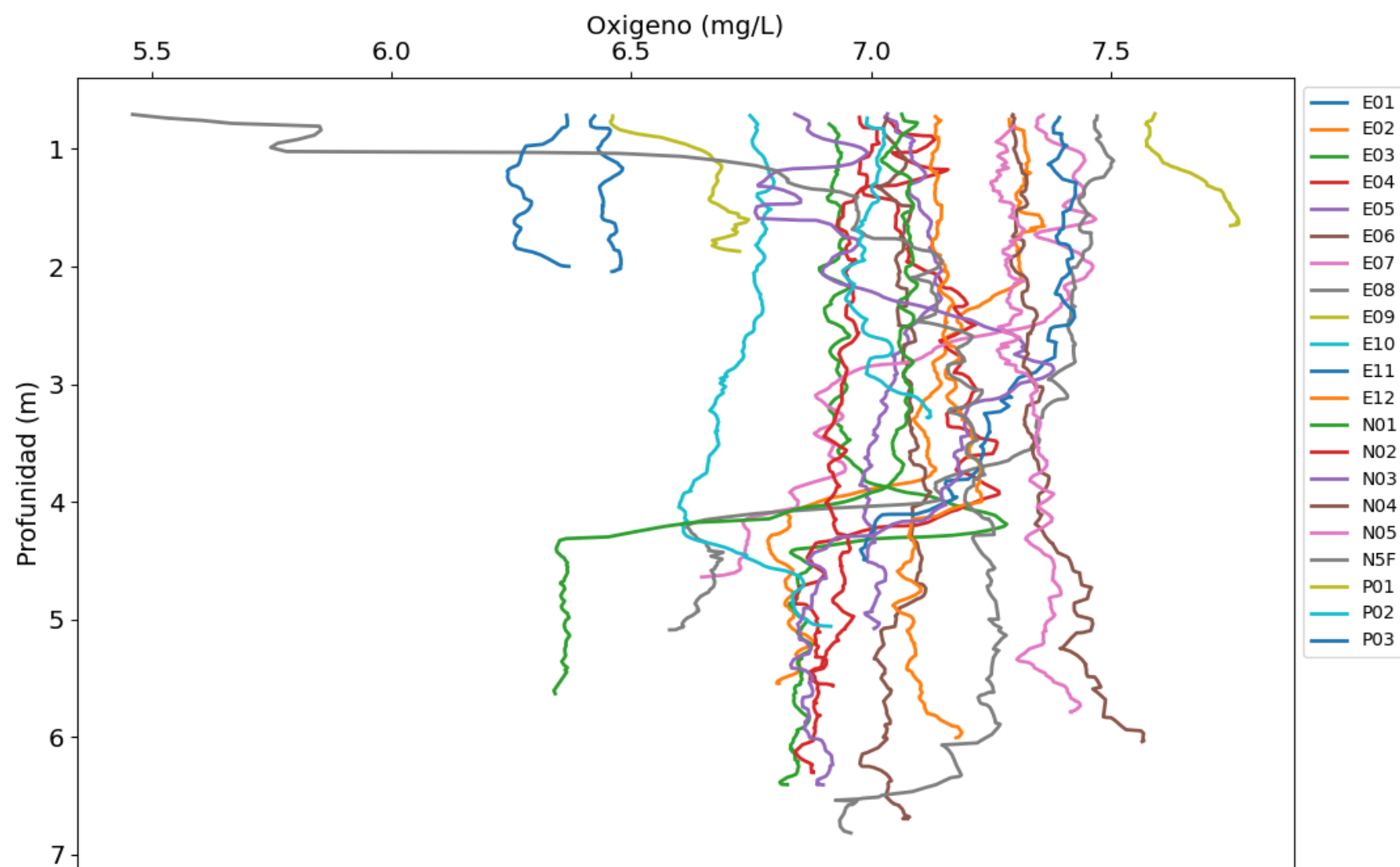
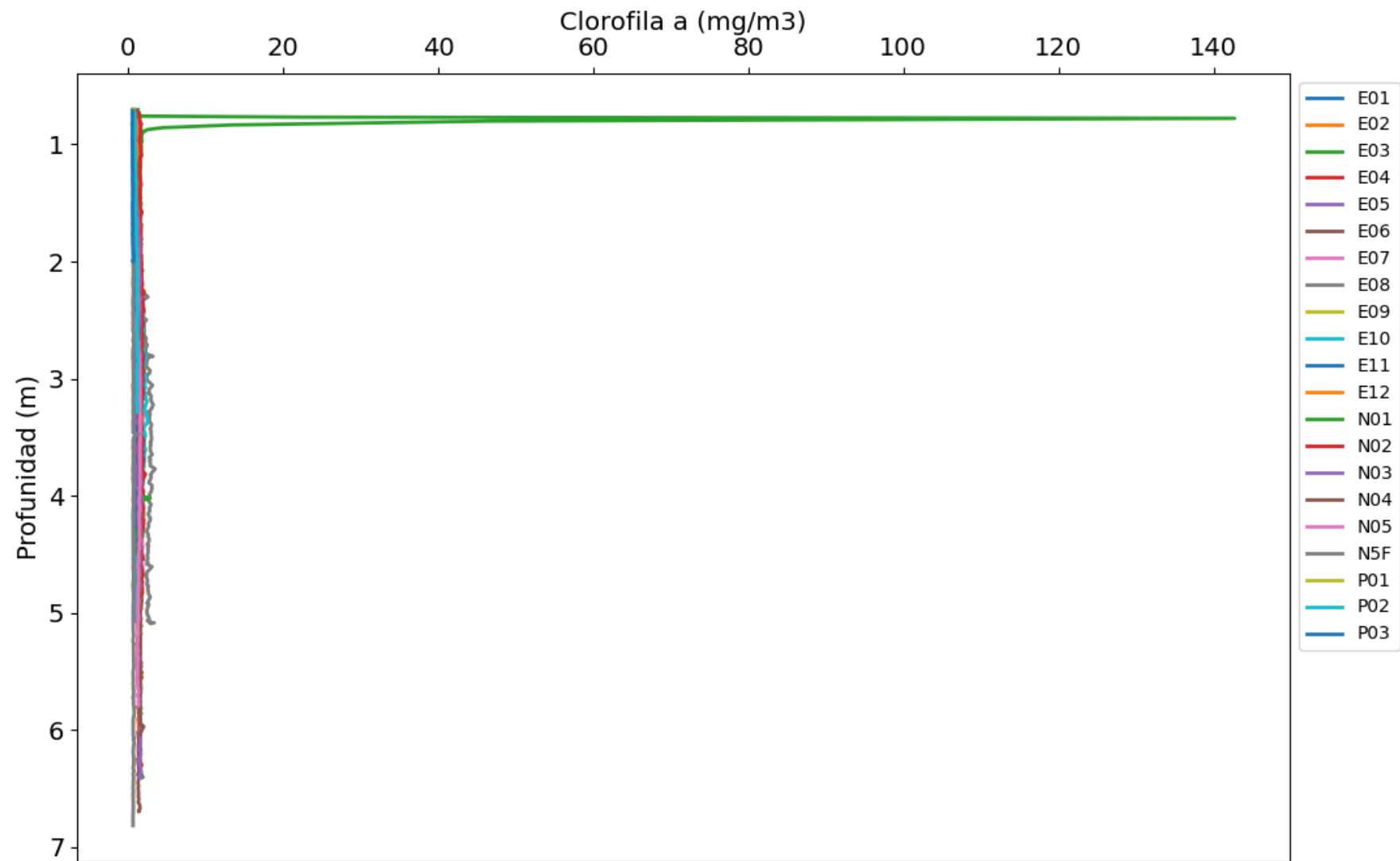
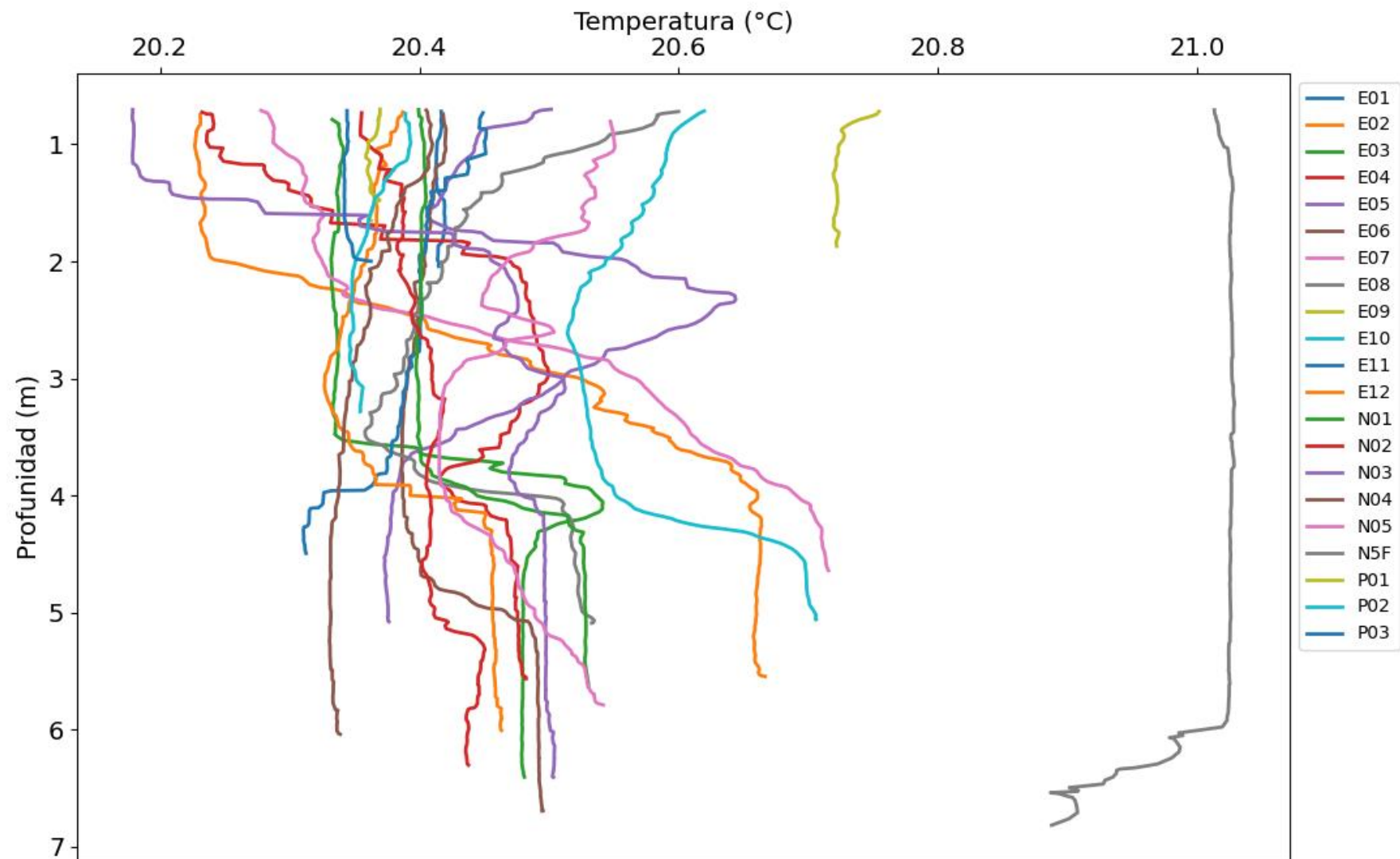
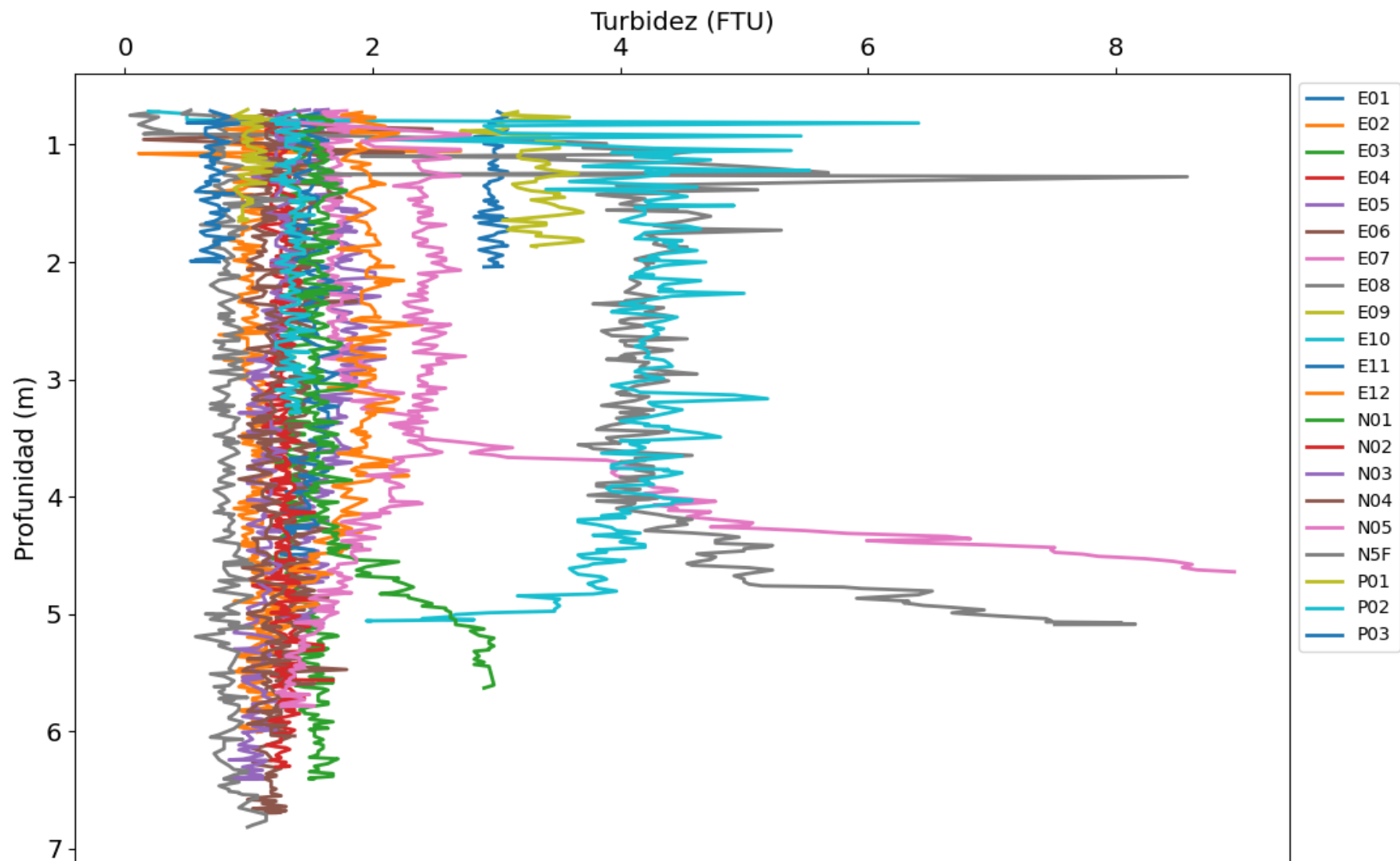


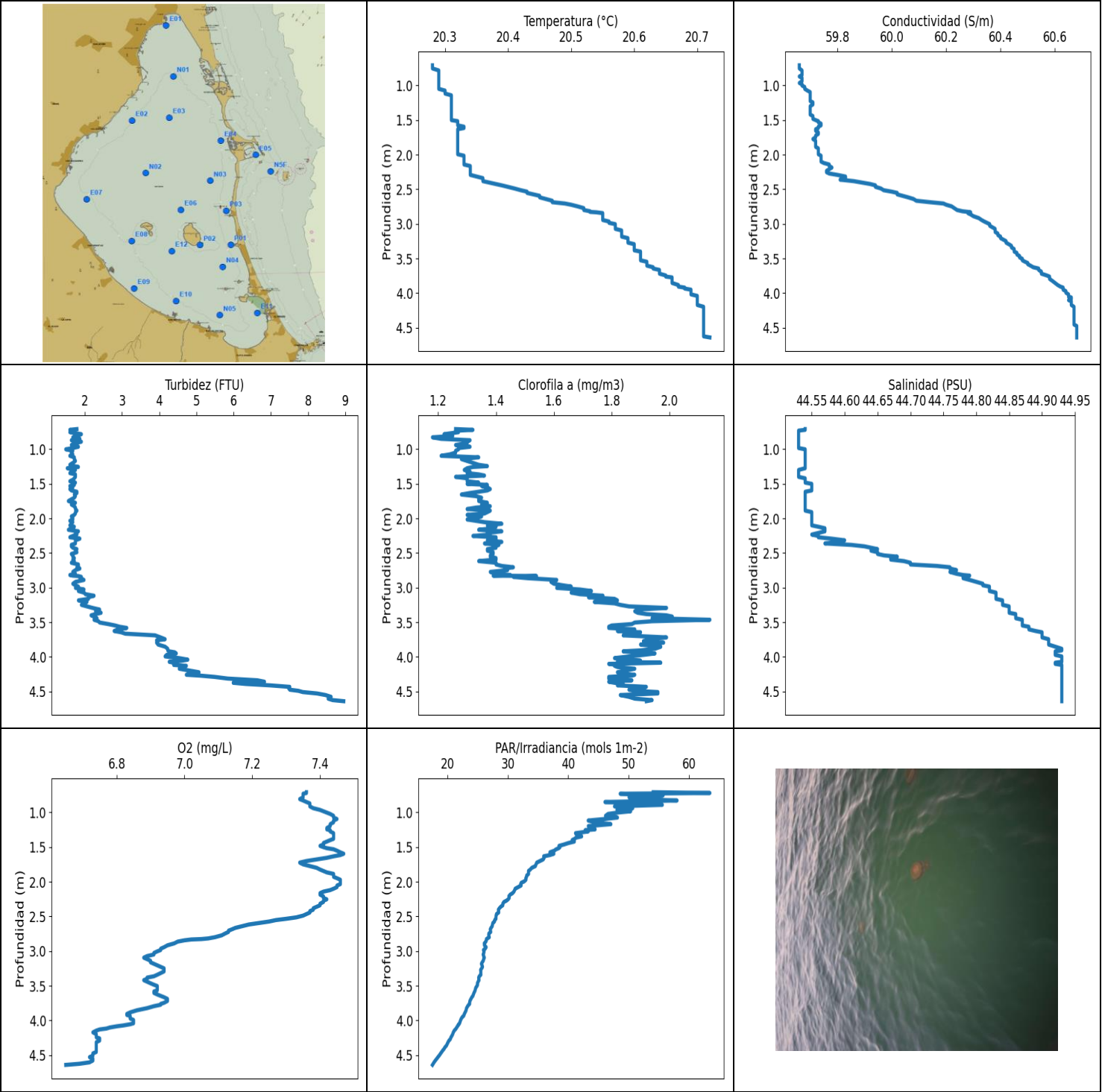












| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.28      | 59.66               | 1.49           | 6.65           | 17.53                       | 1.18              | 44.53           |
| PROF (metros)                                                                | 0.711      | 0.711               | 1.003          | 4.64           | 4.64                        | 0.83              | 0.733           |
| MÁXIMO                                                                       | 20.72      | 20.72               | 8.96           | 7.47           | 63.48                       | 2.14              | 44.93           |
| PROF (metros)                                                                | 4.64       | 4.474               | 4.64           | 1.597          | 0.722                       | 3.464             | 3.883           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E07 - Punto 001                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.29      | 59.67               | 1.74           | 7.36           | 52.38                       | 1.27              | 44.53           |
| 1 - 2m                                                     | 20.31      | 59.71               | 1.69           | 7.43           | 39.13                       | 1.32              | 44.54           |
| 2 - 3m                                                     | 20.43      | 60.0                | 1.73           | 7.25           | 28.44                       | 1.42              | 44.67           |
| 3 - 4m                                                     | 20.62      | 60.49               | 2.9            | 6.9            | 24.58                       | 1.87              | 44.87           |
| 4 - 5m                                                     | 20.71      | 60.67               | 6.13           | 6.75           | 20.06                       | 1.86              | 44.93           |

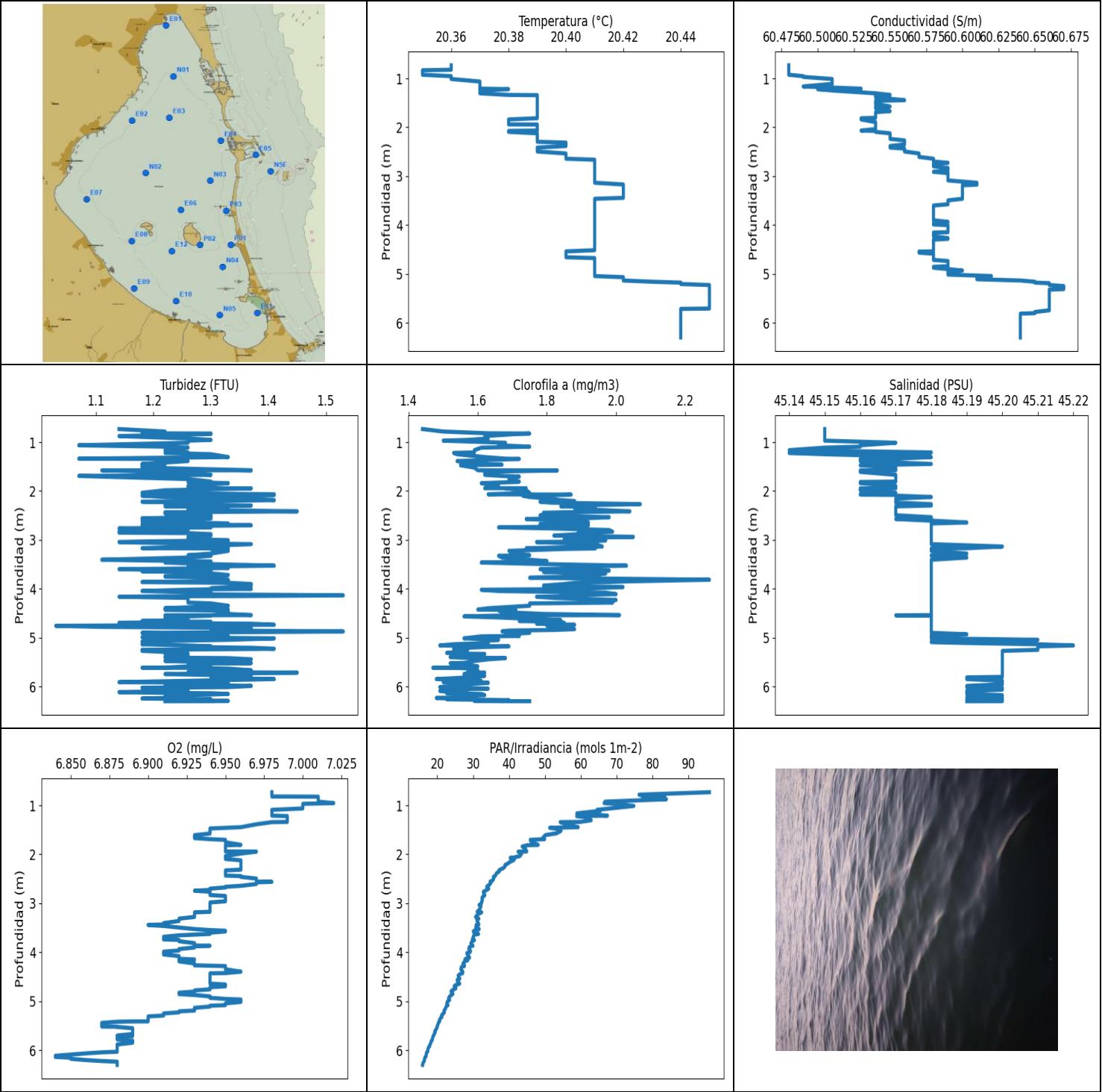
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.711                                                          | 20.28      | 59.66               | 1.79           | 7.36           | 54.1                        | 1.26              | 44.54           |
| 0.722                                                          | 20.28      | 59.66               | 1.6            | 7.36           | 63.48                       | 1.32              | 44.54           |
| 0.733                                                          | 20.28      | 59.66               | 1.72           | 7.35           | 48.62                       | 1.27              | 44.53           |
| 0.756                                                          | 20.28      | 59.66               | 1.6            | 7.35           | 55.73                       | 1.27              | 44.53           |
| 0.785                                                          | 20.29      | 59.67               | 1.91           | 7.35           | 50.09                       | 1.22              | 44.53           |
| 0.81                                                           | 20.29      | 59.67               | 1.79           | 7.34           | 51.29                       | 1.25              | 44.53           |
| 0.83                                                           | 20.29      | 59.67               | 1.68           | 7.35           | 58.04                       | 1.18              | 44.53           |
| 0.852                                                          | 20.29      | 59.67               | 1.87           | 7.36           | 46.1                        | 1.21              | 44.53           |
| 0.872                                                          | 20.29      | 59.66               | 1.64           | 7.37           | 53.44                       | 1.31              | 44.53           |
| 0.893                                                          | 20.29      | 59.67               | 1.91           | 7.37           | 55.6                        | 1.3               | 44.53           |
| 0.915                                                          | 20.29      | 59.67               | 1.75           | 7.37           | 47.68                       | 1.3               | 44.53           |
| 0.941                                                          | 20.29      | 59.67               | 1.64           | 7.38           | 50.7                        | 1.26              | 44.53           |
| 0.966                                                          | 20.29      | 59.66               | 1.83           | 7.4            | 48.09                       | 1.31              | 44.53           |
| 0.985                                                          | 20.29      | 59.67               | 1.68           | 7.41           | 50.36                       | 1.27              | 44.53           |
| 1.003                                                          | 20.29      | 59.67               | 1.49           | 7.42           | 48.34                       | 1.27              | 44.54           |
| 1.024                                                          | 20.29      | 59.68               | 1.68           | 7.43           | 46.61                       | 1.26              | 44.54           |
| 1.051                                                          | 20.29      | 59.68               | 1.64           | 7.44           | 46.19                       | 1.26              | 44.54           |
| 1.076                                                          | 20.3       | 59.69               | 1.68           | 7.44           | 48.17                       | 1.24              | 44.54           |
| 1.097                                                          | 20.3       | 59.7                | 1.6            | 7.45           | 46.04                       | 1.21              | 44.54           |
| 1.119                                                          | 20.3       | 59.7                | 1.72           | 7.44           | 43.32                       | 1.34              | 44.54           |
| 1.144                                                          | 20.31      | 59.7                | 1.72           | 7.44           | 44.44                       | 1.28              | 44.54           |
| 1.171                                                          | 20.31      | 59.7                | 1.75           | 7.43           | 47.08                       | 1.3               | 44.54           |
| 1.199                                                          | 20.31      | 59.7                | 1.68           | 7.43           | 43.34                       | 1.32              | 44.54           |
| 1.227                                                          | 20.31      | 59.7                | 1.6            | 7.42           | 43.58                       | 1.34              | 44.54           |
| 1.246                                                          | 20.31      | 59.71               | 1.72           | 7.42           | 44.47                       | 1.37              | 44.54           |
| 1.258                                                          | 20.31      | 59.71               | 1.83           | 7.43           | 42.81                       | 1.32              | 44.54           |
| 1.276                                                          | 20.31      | 59.71               | 1.53           | 7.43           | 43.33                       | 1.3               | 44.54           |
| 1.301                                                          | 20.31      | 59.7                | 1.75           | 7.44           | 41.22                       | 1.29              | 44.53           |
| 1.325                                                          | 20.31      | 59.7                | 1.64           | 7.44           | 41.42                       | 1.31              | 44.53           |
| 1.347                                                          | 20.31      | 59.7                | 1.6            | 7.44           | 42.24                       | 1.3               | 44.53           |
| 1.365                                                          | 20.31      | 59.7                | 1.75           | 7.44           | 41.32                       | 1.34              | 44.53           |
| 1.382                                                          | 20.31      | 59.7                | 1.75           | 7.44           | 41.08                       | 1.36              | 44.53           |
| 1.401                                                          | 20.31      | 59.7                | 1.75           | 7.43           | 40.66                       | 1.26              | 44.53           |
| 1.422                                                          | 20.31      | 59.7                | 1.72           | 7.42           | 41.03                       | 1.3               | 44.54           |
| 1.443                                                          | 20.31      | 59.71               | 1.68           | 7.41           | 40.04                       | 1.3               | 44.54           |
| 1.464                                                          | 20.31      | 59.71               | 1.6            | 7.41           | 39.31                       | 1.3               | 44.54           |
| 1.484                                                          | 20.31      | 59.71               | 1.75           | 7.4            | 38.48                       | 1.34              | 44.54           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.502 | 20.31 | 59.72 | 1.68 | 7.41 | 38.65 | 1.3  | 44.55 |
| 1.517 | 20.32 | 59.73 | 1.72 | 7.42 | 38.45 | 1.37 | 44.55 |
| 1.533 | 20.32 | 59.73 | 1.6  | 7.44 | 38.01 | 1.35 | 44.55 |
| 1.553 | 20.32 | 59.74 | 1.68 | 7.45 | 37.7  | 1.37 | 44.55 |
| 1.577 | 20.32 | 59.74 | 1.6  | 7.46 | 36.98 | 1.38 | 44.55 |
| 1.597 | 20.33 | 59.73 | 1.64 | 7.47 | 37.64 | 1.37 | 44.55 |
| 1.616 | 20.33 | 59.73 | 1.79 | 7.46 | 36.99 | 1.34 | 44.54 |
| 1.634 | 20.32 | 59.72 | 1.79 | 7.44 | 35.95 | 1.31 | 44.54 |
| 1.656 | 20.32 | 59.72 | 1.72 | 7.42 | 36.03 | 1.28 | 44.54 |
| 1.679 | 20.32 | 59.73 | 1.75 | 7.39 | 35.87 | 1.33 | 44.54 |
| 1.702 | 20.32 | 59.73 | 1.72 | 7.36 | 35.32 | 1.35 | 44.54 |
| 1.725 | 20.32 | 59.72 | 1.64 | 7.34 | 34.8  | 1.34 | 44.54 |
| 1.75  | 20.32 | 59.72 | 1.56 | 7.35 | 34.68 | 1.34 | 44.54 |
| 1.775 | 20.32 | 59.71 | 1.75 | 7.37 | 34.58 | 1.37 | 44.54 |
| 1.8   | 20.32 | 59.72 | 1.64 | 7.39 | 33.98 | 1.35 | 44.54 |
| 1.825 | 20.32 | 59.72 | 1.72 | 7.4  | 33.73 | 1.38 | 44.54 |
| 1.845 | 20.32 | 59.72 | 1.75 | 7.41 | 33.43 | 1.33 | 44.54 |
| 1.866 | 20.32 | 59.72 | 1.75 | 7.42 | 33.44 | 1.3  | 44.54 |
| 1.888 | 20.32 | 59.72 | 1.79 | 7.44 | 33.45 | 1.38 | 44.54 |
| 1.91  | 20.32 | 59.73 | 1.75 | 7.44 | 33.14 | 1.37 | 44.55 |
| 1.93  | 20.32 | 59.73 | 1.75 | 7.44 | 33.11 | 1.36 | 44.55 |
| 1.95  | 20.32 | 59.73 | 1.72 | 7.45 | 32.99 | 1.3  | 44.55 |
| 1.972 | 20.32 | 59.73 | 1.64 | 7.46 | 33.01 | 1.35 | 44.55 |
| 1.995 | 20.32 | 59.73 | 1.68 | 7.46 | 32.74 | 1.33 | 44.55 |
| 2.016 | 20.33 | 59.74 | 1.68 | 7.46 | 32.23 | 1.3  | 44.55 |
| 2.035 | 20.33 | 59.74 | 1.6  | 7.46 | 32.13 | 1.33 | 44.55 |
| 2.055 | 20.33 | 59.74 | 1.68 | 7.45 | 32.21 | 1.36 | 44.55 |
| 2.078 | 20.33 | 59.74 | 1.64 | 7.45 | 31.73 | 1.42 | 44.55 |
| 2.101 | 20.33 | 59.74 | 1.6  | 7.44 | 31.23 | 1.37 | 44.55 |
| 2.121 | 20.33 | 59.75 | 1.72 | 7.43 | 31.14 | 1.4  | 44.56 |
| 2.143 | 20.33 | 59.77 | 1.68 | 7.41 | 31.02 | 1.39 | 44.57 |
| 2.165 | 20.34 | 59.77 | 1.56 | 7.4  | 30.8  | 1.34 | 44.57 |
| 2.187 | 20.34 | 59.78 | 1.83 | 7.4  | 30.4  | 1.42 | 44.57 |
| 2.21  | 20.34 | 59.77 | 1.75 | 7.41 | 30.18 | 1.37 | 44.56 |
| 2.234 | 20.34 | 59.76 | 1.79 | 7.41 | 30.24 | 1.38 | 44.55 |
| 2.254 | 20.34 | 59.76 | 1.68 | 7.42 | 30.06 | 1.32 | 44.56 |
| 2.273 | 20.34 | 59.77 | 1.6  | 7.41 | 29.79 | 1.4  | 44.56 |
| 2.293 | 20.34 | 59.8  | 1.87 | 7.41 | 29.35 | 1.4  | 44.58 |
| 2.317 | 20.35 | 59.83 | 1.75 | 7.4  | 29.18 | 1.37 | 44.6  |
| 2.34  | 20.36 | 59.83 | 1.75 | 7.4  | 29.18 | 1.42 | 44.59 |
| 2.362 | 20.36 | 59.81 | 1.75 | 7.39 | 28.83 | 1.36 | 44.57 |
| 2.383 | 20.36 | 59.86 | 1.64 | 7.38 | 28.61 | 1.41 | 44.61 |
| 2.404 | 20.37 | 59.89 | 1.64 | 7.38 | 28.44 | 1.39 | 44.63 |
| 2.424 | 20.38 | 59.92 | 1.68 | 7.37 | 28.49 | 1.4  | 44.64 |
| 2.444 | 20.39 | 59.94 | 1.79 | 7.37 | 28.5  | 1.37 | 44.65 |
| 2.466 | 20.4  | 59.94 | 1.75 | 7.36 | 28.14 | 1.37 | 44.64 |
| 2.489 | 20.41 | 59.96 | 1.79 | 7.35 | 28.07 | 1.39 | 44.65 |
| 2.514 | 20.42 | 59.97 | 1.64 | 7.33 | 28.04 | 1.39 | 44.65 |
| 2.535 | 20.43 | 60.0  | 1.68 | 7.3  | 28.04 | 1.38 | 44.66 |
| 2.553 | 20.43 | 60.02 | 1.68 | 7.27 | 27.84 | 1.38 | 44.68 |
| 2.574 | 20.44 | 60.02 | 1.72 | 7.25 | 27.8  | 1.4  | 44.67 |
| 2.595 | 20.45 | 60.04 | 1.68 | 7.22 | 27.53 | 1.4  | 44.67 |
| 2.617 | 20.45 | 60.06 | 1.72 | 7.19 | 27.47 | 1.34 | 44.69 |
| 2.641 | 20.46 | 60.08 | 1.64 | 7.17 | 27.43 | 1.4  | 44.7  |
| 2.666 | 20.47 | 60.09 | 1.83 | 7.15 | 27.22 | 1.4  | 44.7  |
| 2.687 | 20.47 | 60.14 | 1.83 | 7.14 | 27.1  | 1.42 | 44.74 |
| 2.706 | 20.49 | 60.19 | 1.79 | 7.13 | 27.14 | 1.46 | 44.76 |
| 2.724 | 20.5  | 60.2  | 1.87 | 7.13 | 27.18 | 1.43 | 44.76 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.747 | 20.51 | 60.22 | 1.75 | 7.12 | 26.87 | 1.44 | 44.77 |
| 2.773 | 20.52 | 60.23 | 1.68 | 7.11 | 26.84 | 1.38 | 44.76 |
| 2.8   | 20.52 | 60.24 | 1.75 | 7.09 | 26.94 | 1.4  | 44.77 |
| 2.818 | 20.53 | 60.26 | 1.6  | 7.07 | 26.61 | 1.45 | 44.78 |
| 2.827 | 20.53 | 60.28 | 1.68 | 7.05 | 26.46 | 1.39 | 44.79 |
| 2.833 | 20.54 | 60.29 | 1.83 | 7.02 | 26.46 | 1.54 | 44.78 |
| 2.845 | 20.55 | 60.28 | 1.91 | 7.0  | 26.46 | 1.46 | 44.78 |
| 2.864 | 20.55 | 60.29 | 1.87 | 6.98 | 26.37 | 1.51 | 44.78 |
| 2.889 | 20.55 | 60.3  | 1.98 | 6.97 | 26.11 | 1.61 | 44.79 |
| 2.917 | 20.55 | 60.32 | 1.75 | 6.95 | 26.14 | 1.59 | 44.8  |
| 2.944 | 20.55 | 60.33 | 1.68 | 6.94 | 26.42 | 1.6  | 44.81 |
| 2.966 | 20.56 | 60.34 | 1.75 | 6.93 | 26.26 | 1.63 | 44.81 |
| 2.985 | 20.56 | 60.35 | 1.83 | 6.93 | 25.97 | 1.66 | 44.82 |
| 3.004 | 20.57 | 60.36 | 1.75 | 6.92 | 26.08 | 1.61 | 44.82 |
| 3.027 | 20.57 | 60.36 | 1.98 | 6.91 | 26.03 | 1.69 | 44.82 |
| 3.049 | 20.57 | 60.37 | 1.83 | 6.91 | 25.92 | 1.73 | 44.82 |
| 3.072 | 20.57 | 60.38 | 1.98 | 6.89 | 26.01 | 1.66 | 44.83 |
| 3.095 | 20.58 | 60.38 | 2.02 | 6.88 | 26.12 | 1.69 | 44.83 |
| 3.117 | 20.58 | 60.38 | 2.25 | 6.89 | 26.0  | 1.77 | 44.83 |
| 3.139 | 20.58 | 60.39 | 2.1  | 6.9  | 25.95 | 1.72 | 44.83 |
| 3.162 | 20.58 | 60.39 | 2.1  | 6.9  | 25.76 | 1.81 | 44.83 |
| 3.184 | 20.58 | 60.4  | 1.83 | 6.91 | 25.63 | 1.82 | 44.84 |
| 3.206 | 20.59 | 60.4  | 2.06 | 6.92 | 25.75 | 1.74 | 44.84 |
| 3.227 | 20.59 | 60.41 | 1.95 | 6.93 | 25.82 | 1.81 | 44.84 |
| 3.249 | 20.59 | 60.42 | 1.91 | 6.94 | 25.68 | 1.83 | 44.84 |
| 3.271 | 20.59 | 60.42 | 2.06 | 6.94 | 25.5  | 1.86 | 44.85 |
| 3.293 | 20.6  | 60.43 | 2.21 | 6.94 | 25.54 | 1.99 | 44.85 |
| 3.317 | 20.6  | 60.44 | 2.4  | 6.93 | 25.53 | 1.89 | 44.85 |
| 3.341 | 20.6  | 60.44 | 2.29 | 6.92 | 25.55 | 1.88 | 44.85 |
| 3.363 | 20.6  | 60.45 | 2.44 | 6.91 | 25.28 | 1.89 | 44.85 |
| 3.382 | 20.6  | 60.45 | 2.29 | 6.89 | 25.18 | 1.92 | 44.86 |
| 3.4   | 20.61 | 60.45 | 2.17 | 6.89 | 25.21 | 1.99 | 44.86 |
| 3.419 | 20.61 | 60.46 | 2.25 | 6.88 | 25.24 | 2.01 | 44.86 |
| 3.442 | 20.61 | 60.46 | 2.33 | 6.89 | 25.08 | 1.94 | 44.86 |
| 3.464 | 20.61 | 60.47 | 2.25 | 6.9  | 24.97 | 2.14 | 44.87 |
| 3.485 | 20.61 | 60.47 | 2.37 | 6.91 | 25.0  | 1.94 | 44.87 |
| 3.504 | 20.61 | 60.48 | 2.4  | 6.92 | 24.9  | 1.88 | 44.87 |
| 3.526 | 20.61 | 60.48 | 2.63 | 6.92 | 24.71 | 1.87 | 44.87 |
| 3.547 | 20.62 | 60.49 | 2.82 | 6.92 | 24.64 | 1.8  | 44.87 |
| 3.565 | 20.62 | 60.5  | 2.94 | 6.92 | 24.6  | 1.79 | 44.88 |
| 3.582 | 20.62 | 60.5  | 3.13 | 6.91 | 24.52 | 1.79 | 44.88 |
| 3.603 | 20.62 | 60.51 | 2.9  | 6.91 | 24.4  | 1.88 | 44.88 |
| 3.626 | 20.63 | 60.52 | 2.79 | 6.92 | 24.3  | 1.82 | 44.89 |
| 3.645 | 20.63 | 60.54 | 2.98 | 6.93 | 24.23 | 1.9  | 44.9  |
| 3.665 | 20.64 | 60.54 | 3.09 | 6.94 | 24.05 | 1.86 | 44.9  |
| 3.689 | 20.64 | 60.55 | 3.89 | 6.95 | 23.9  | 1.84 | 44.9  |
| 3.719 | 20.64 | 60.55 | 4.04 | 6.95 | 23.73 | 1.99 | 44.9  |
| 3.745 | 20.65 | 60.57 | 4.16 | 6.94 | 23.68 | 1.92 | 44.91 |
| 3.761 | 20.65 | 60.58 | 3.93 | 6.93 | 23.69 | 1.94 | 44.91 |
| 3.773 | 20.66 | 60.58 | 3.97 | 6.93 | 23.53 | 1.91 | 44.91 |
| 3.794 | 20.66 | 60.58 | 3.93 | 6.91 | 23.36 | 1.98 | 44.91 |
| 3.822 | 20.66 | 60.59 | 3.97 | 6.89 | 23.17 | 1.9  | 44.91 |
| 3.853 | 20.66 | 60.6  | 4.16 | 6.86 | 23.1  | 1.97 | 44.92 |
| 3.883 | 20.67 | 60.61 | 4.23 | 6.84 | 22.94 | 1.95 | 44.93 |
| 3.906 | 20.67 | 60.62 | 4.23 | 6.83 | 22.8  | 1.9  | 44.93 |
| 3.92  | 20.68 | 60.63 | 4.27 | 6.83 | 22.76 | 1.84 | 44.92 |
| 3.934 | 20.68 | 60.63 | 4.42 | 6.84 | 22.69 | 1.88 | 44.92 |
| 3.95  | 20.69 | 60.63 | 4.46 | 6.84 | 22.47 | 1.95 | 44.92 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 3.971 | 20.69 | 60.64 | 4.2  | 6.84 | 22.32 | 1.91 | 44.92 |
| 3.993 | 20.69 | 60.64 | 4.16 | 6.85 | 22.2  | 1.86 | 44.93 |
| 4.018 | 20.69 | 60.65 | 4.54 | 6.85 | 22.11 | 1.81 | 44.93 |
| 4.04  | 20.7  | 60.65 | 4.77 | 6.85 | 22.02 | 1.86 | 44.93 |
| 4.054 | 20.7  | 60.65 | 4.62 | 6.84 | 21.88 | 1.9  | 44.93 |
| 4.062 | 20.7  | 60.66 | 4.5  | 6.83 | 21.86 | 1.82 | 44.93 |
| 4.071 | 20.7  | 60.66 | 4.27 | 6.82 | 21.73 | 1.83 | 44.93 |
| 4.084 | 20.7  | 60.66 | 4.39 | 6.8  | 21.67 | 1.97 | 44.92 |
| 4.101 | 20.7  | 60.65 | 4.46 | 6.78 | 21.54 | 1.79 | 44.92 |
| 4.116 | 20.7  | 60.66 | 4.39 | 6.77 | 21.44 | 1.82 | 44.93 |
| 4.129 | 20.7  | 60.66 | 4.73 | 6.75 | 21.31 | 1.81 | 44.93 |
| 4.146 | 20.7  | 60.66 | 4.65 | 6.74 | 21.14 | 1.82 | 44.93 |
| 4.171 | 20.7  | 60.66 | 4.54 | 6.73 | 20.98 | 1.88 | 44.93 |
| 4.197 | 20.71 | 60.67 | 4.81 | 6.74 | 20.88 | 1.85 | 44.93 |
| 4.222 | 20.71 | 60.67 | 5.07 | 6.74 | 20.74 | 1.82 | 44.93 |
| 4.242 | 20.71 | 60.67 | 5.04 | 6.74 | 20.59 | 1.83 | 44.93 |
| 4.258 | 20.71 | 60.67 | 4.73 | 6.75 | 20.53 | 1.88 | 44.93 |
| 4.271 | 20.71 | 60.67 | 5.11 | 6.75 | 20.47 | 1.87 | 44.93 |
| 4.289 | 20.71 | 60.67 | 5.49 | 6.75 | 20.26 | 1.79 | 44.93 |
| 4.313 | 20.71 | 60.67 | 5.84 | 6.74 | 20.11 | 1.79 | 44.93 |
| 4.338 | 20.71 | 60.67 | 6.64 | 6.74 | 19.97 | 1.87 | 44.93 |
| 4.359 | 20.71 | 60.67 | 6.83 | 6.74 | 19.86 | 1.79 | 44.93 |
| 4.374 | 20.71 | 60.67 | 5.99 | 6.74 | 19.72 | 1.81 | 44.93 |
| 4.391 | 20.71 | 60.67 | 6.33 | 6.74 | 19.56 | 1.84 | 44.93 |
| 4.411 | 20.71 | 60.67 | 6.98 | 6.74 | 19.43 | 1.82 | 44.93 |
| 4.433 | 20.71 | 60.67 | 7.51 | 6.74 | 19.22 | 1.92 | 44.93 |
| 4.454 | 20.71 | 60.67 | 7.48 | 6.74 | 19.05 | 1.88 | 44.93 |
| 4.474 | 20.71 | 60.68 | 7.51 | 6.73 | 18.9  | 1.86 | 44.93 |
| 4.49  | 20.71 | 60.68 | 7.74 | 6.73 | 18.76 | 1.88 | 44.93 |
| 4.508 | 20.71 | 60.68 | 7.86 | 6.73 | 18.62 | 1.96 | 44.93 |
| 4.528 | 20.71 | 60.68 | 8.24 | 6.72 | 18.43 | 1.96 | 44.93 |
| 4.551 | 20.71 | 60.68 | 8.47 | 6.73 | 18.24 | 1.83 | 44.93 |
| 4.577 | 20.71 | 60.68 | 8.62 | 6.73 | 18.0  | 1.86 | 44.93 |
| 4.603 | 20.71 | 60.68 | 8.54 | 6.72 | 17.79 | 1.88 | 44.93 |
| 4.624 | 20.71 | 60.68 | 8.66 | 6.69 | 17.64 | 1.94 | 44.93 |
| 4.64  | 20.72 | 60.68 | 8.96 | 6.65 | 17.53 | 1.92 | 44.93 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.35      | 60.48               | 1.03           | 6.84           | 15.93                       | 1.44              | 45.14           |
| PROF (metros)                                                                | 0.832      | 0.731               | 4.758          | 6.116          | 6.301                       | 0.731             | 1.163           |
| MÁXIMO                                                                       | 20.45      | 20.45               | 1.53           | 7.02           | 95.86                       | 2.27              | 45.22           |
| PROF (metros)                                                                | 5.229      | 5.25                | 4.135          | 0.953          | 0.731                       | 3.815             | 5.161           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N02 - Punto 002                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.36      | 60.48               | 1.23           | 7.0            | 77.74                       | 1.59              | 45.15           |
| 1 - 2m                                                     | 20.38      | 60.53               | 1.23           | 6.96           | 54.04                       | 1.65              | 45.16           |
| 2 - 3m                                                     | 20.4       | 60.57               | 1.27           | 6.95           | 36.22                       | 1.86              | 45.17           |
| 3 - 4m                                                     | 20.41      | 60.59               | 1.27           | 6.93           | 30.72                       | 1.86              | 45.18           |
| 4 - 5m                                                     | 20.41      | 60.58               | 1.28           | 6.94           | 26.05                       | 1.77              | 45.18           |
| 5 - 6m                                                     | 20.44      | 60.65               | 1.28           | 6.9            | 20.2                        | 1.58              | 45.2            |
| 6 - 7m                                                     | 20.44      | 60.64               | 1.25           | 6.87           | 16.57                       | 1.57              | 45.2            |

| 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) |
| 0.731                                                          | 20.36      | 60.48               | 1.14           | 6.98           | 95.86                       | 1.44              | 45.15           |
| 0.781                                                          | 20.36      | 60.48               | 1.22           | 6.98           | 76.26                       | 1.5               | 45.15           |
| 0.818                                                          | 20.36      | 60.48               | 1.18           | 6.98           | 83.41                       | 1.63              | 45.15           |
| 0.822                                                          | 20.36      | 60.48               | 1.3            | 7.01           | 80.32                       | 1.75              | 45.15           |
| 0.832                                                          | 20.35      | 60.48               | 1.3            | 7.01           | 77.23                       | 1.71              | 45.15           |
| 0.874                                                          | 20.35      | 60.48               | 1.14           | 7.01           | 83.88                       | 1.62              | 45.15           |
| 0.924                                                          | 20.35      | 60.48               | 1.26           | 7.01           | 66.79                       | 1.63              | 45.15           |
| 0.953                                                          | 20.36      | 60.49               | 1.3            | 7.02           | 66.52                       | 1.57              | 45.15           |
| 0.968                                                          | 20.36      | 60.49               | 1.26           | 7.0            | 69.39                       | 1.5               | 45.15           |
| 1.011                                                          | 20.36      | 60.51               | 1.26           | 7.0            | 74.8                        | 1.68              | 45.17           |
| 1.063                                                          | 20.37      | 60.51               | 1.07           | 7.0            | 68.0                        | 1.66              | 45.16           |
| 1.091                                                          | 20.37      | 60.51               | 1.22           | 6.98           | 64.55                       | 1.75              | 45.16           |
| 1.111                                                          | 20.37      | 60.51               | 1.26           | 6.98           | 65.48                       | 1.61              | 45.15           |
| 1.163                                                          | 20.37      | 60.49               | 1.22           | 6.98           | 58.92                       | 1.59              | 45.14           |
| 1.209                                                          | 20.37      | 60.53               | 1.26           | 6.98           | 67.46                       | 1.59              | 45.18           |
| 1.219                                                          | 20.38      | 60.5                | 1.22           | 6.99           | 58.88                       | 1.53              | 45.14           |
| 1.246                                                          | 20.37      | 60.51               | 1.3            | 6.99           | 62.21                       | 1.54              | 45.15           |
| 1.304                                                          | 20.37      | 60.54               | 1.33           | 6.99           | 62.92                       | 1.62              | 45.18           |
| 1.337                                                          | 20.38      | 60.55               | 1.07           | 6.99           | 59.87                       | 1.68              | 45.17           |
| 1.342                                                          | 20.39      | 60.54               | 1.22           | 6.98           | 54.29                       | 1.72              | 45.16           |
| 1.386                                                          | 20.39      | 60.54               | 1.26           | 6.97           | 56.04                       | 1.54              | 45.16           |
| 1.445                                                          | 20.39      | 60.56               | 1.18           | 6.96           | 59.29                       | 1.59              | 45.18           |
| 1.459                                                          | 20.39      | 60.54               | 1.22           | 6.95           | 51.35                       | 1.67              | 45.17           |
| 1.472                                                          | 20.39      | 60.54               | 1.18           | 6.94           | 52.85                       | 1.55              | 45.16           |
| 1.52                                                           | 20.39      | 60.54               | 1.18           | 6.94           | 54.52                       | 1.59              | 45.17           |
| 1.575                                                          | 20.39      | 60.55               | 1.37           | 6.94           | 53.14                       | 1.6               | 45.17           |
| 1.576                                                          | 20.39      | 60.54               | 1.11           | 6.94           | 52.68                       | 1.83              | 45.16           |
| 1.608                                                          | 20.39      | 60.54               | 1.22           | 6.93           | 50.12                       | 1.62              | 45.16           |
| 1.668                                                          | 20.39      | 60.55               | 1.3            | 6.93           | 49.41                       | 1.62              | 45.17           |
| 1.69                                                           | 20.39      | 60.54               | 1.07           | 6.94           | 49.96                       | 1.67              | 45.17           |
| 1.704                                                          | 20.39      | 60.54               | 1.11           | 6.95           | 45.95                       | 1.72              | 45.17           |
| 1.754                                                          | 20.39      | 60.54               | 1.26           | 6.95           | 46.32                       | 1.69              | 45.17           |
| 1.806                                                          | 20.39      | 60.54               | 1.3            | 6.96           | 48.16                       | 1.72              | 45.17           |
| 1.814                                                          | 20.39      | 60.53               | 1.26           | 6.95           | 45.14                       | 1.71              | 45.16           |
| 1.839                                                          | 20.38      | 60.53               | 1.33           | 6.95           | 43.7                        | 1.61              | 45.16           |

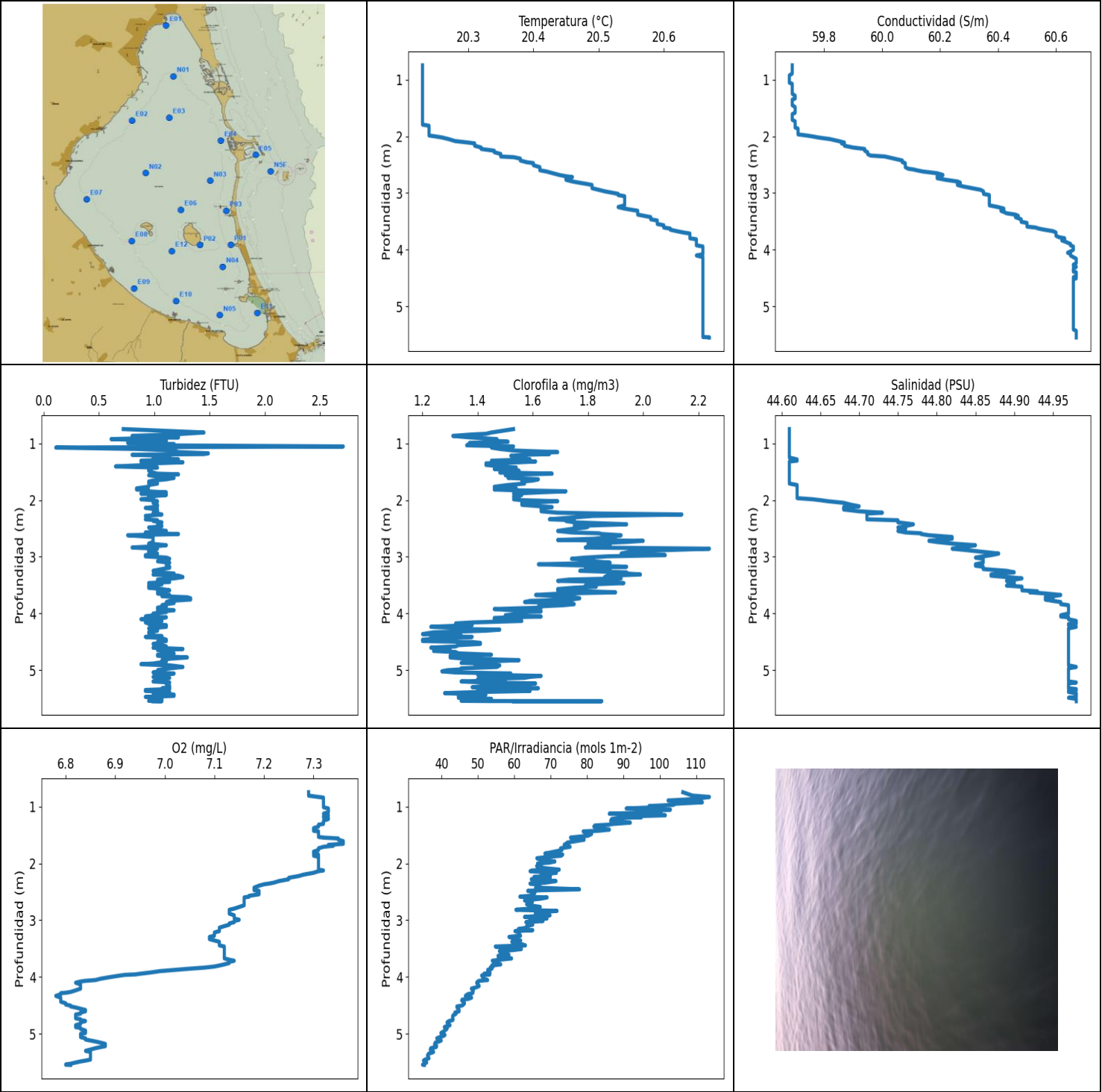
|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.894 | 20.38 | 60.54 | 1.26 | 6.95 | 44.65 | 1.66 | 45.17 |
| 1.941 | 20.38 | 60.54 | 1.26 | 6.95 | 44.96 | 1.62 | 45.17 |
| 1.943 | 20.39 | 60.54 | 1.3  | 6.97 | 43.62 | 1.74 | 45.17 |
| 1.945 | 20.39 | 60.54 | 1.37 | 6.97 | 42.56 | 1.68 | 45.16 |
| 1.984 | 20.39 | 60.54 | 1.22 | 6.96 | 43.56 | 1.74 | 45.16 |
| 2.035 | 20.39 | 60.54 | 1.18 | 6.95 | 43.06 | 1.75 | 45.17 |
| 2.066 | 20.39 | 60.53 | 1.41 | 6.95 | 41.31 | 1.63 | 45.16 |
| 2.073 | 20.38 | 60.54 | 1.33 | 6.95 | 40.36 | 1.87 | 45.16 |
| 2.079 | 20.38 | 60.54 | 1.41 | 6.95 | 40.86 | 1.85 | 45.17 |
| 2.094 | 20.38 | 60.54 | 1.18 | 6.95 | 41.55 | 1.73 | 45.17 |
| 2.122 | 20.39 | 60.55 | 1.22 | 6.96 | 41.25 | 1.75 | 45.18 |
| 2.155 | 20.39 | 60.55 | 1.37 | 6.96 | 40.27 | 1.81 | 45.17 |
| 2.186 | 20.39 | 60.55 | 1.41 | 6.96 | 39.71 | 1.84 | 45.17 |
| 2.204 | 20.39 | 60.55 | 1.3  | 6.96 | 39.3  | 1.88 | 45.17 |
| 2.217 | 20.39 | 60.55 | 1.18 | 6.96 | 38.9  | 1.78 | 45.17 |
| 2.237 | 20.39 | 60.55 | 1.26 | 6.96 | 38.96 | 1.81 | 45.17 |
| 2.268 | 20.39 | 60.56 | 1.22 | 6.96 | 38.71 | 2.07 | 45.18 |
| 2.296 | 20.39 | 60.56 | 1.37 | 6.96 | 38.04 | 1.86 | 45.18 |
| 2.313 | 20.4  | 60.56 | 1.22 | 6.96 | 37.51 | 1.84 | 45.17 |
| 2.328 | 20.4  | 60.56 | 1.33 | 6.95 | 37.22 | 1.94 | 45.17 |
| 2.351 | 20.4  | 60.56 | 1.26 | 6.95 | 37.29 | 1.88 | 45.17 |
| 2.383 | 20.4  | 60.55 | 1.26 | 6.95 | 36.57 | 1.94 | 45.17 |
| 2.415 | 20.39 | 60.55 | 1.45 | 6.95 | 36.34 | 2.04 | 45.17 |
| 2.434 | 20.39 | 60.56 | 1.22 | 6.95 | 36.24 | 1.85 | 45.17 |
| 2.444 | 20.39 | 60.56 | 1.26 | 6.96 | 36.04 | 1.79 | 45.17 |
| 2.46  | 20.39 | 60.56 | 1.22 | 6.96 | 35.68 | 1.81 | 45.17 |
| 2.495 | 20.39 | 60.56 | 1.3  | 6.97 | 35.78 | 1.78 | 45.17 |
| 2.535 | 20.4  | 60.57 | 1.3  | 6.97 | 35.46 | 1.98 | 45.18 |
| 2.557 | 20.4  | 60.57 | 1.18 | 6.97 | 34.76 | 1.91 | 45.18 |
| 2.562 | 20.4  | 60.57 | 1.3  | 6.98 | 34.93 | 1.82 | 45.18 |
| 2.572 | 20.4  | 60.57 | 1.26 | 6.97 | 35.03 | 1.74 | 45.17 |
| 2.606 | 20.4  | 60.57 | 1.18 | 6.97 | 34.78 | 1.85 | 45.18 |
| 2.643 | 20.4  | 60.58 | 1.26 | 6.96 | 34.09 | 1.92 | 45.19 |
| 2.663 | 20.41 | 60.58 | 1.33 | 6.95 | 33.81 | 1.89 | 45.18 |
| 2.676 | 20.41 | 60.58 | 1.18 | 6.95 | 34.24 | 1.78 | 45.18 |
| 2.701 | 20.41 | 60.58 | 1.37 | 6.94 | 34.38 | 1.92 | 45.18 |
| 2.727 | 20.41 | 60.59 | 1.18 | 6.94 | 33.86 | 1.86 | 45.18 |
| 2.743 | 20.41 | 60.58 | 1.3  | 6.93 | 33.48 | 1.66 | 45.18 |
| 2.764 | 20.41 | 60.58 | 1.14 | 6.94 | 32.89 | 1.81 | 45.18 |
| 2.798 | 20.41 | 60.58 | 1.26 | 6.94 | 32.96 | 1.98 | 45.18 |
| 2.831 | 20.41 | 60.59 | 1.14 | 6.94 | 33.3  | 1.99 | 45.18 |
| 2.851 | 20.41 | 60.59 | 1.14 | 6.95 | 33.07 | 1.92 | 45.18 |
| 2.861 | 20.41 | 60.59 | 1.26 | 6.95 | 32.78 | 1.89 | 45.18 |
| 2.882 | 20.41 | 60.59 | 1.3  | 6.95 | 32.54 | 1.89 | 45.18 |
| 2.911 | 20.41 | 60.58 | 1.3  | 6.95 | 32.5  | 1.82 | 45.18 |
| 2.937 | 20.41 | 60.59 | 1.26 | 6.95 | 32.62 | 2.05 | 45.18 |
| 2.959 | 20.41 | 60.59 | 1.26 | 6.95 | 32.44 | 1.88 | 45.18 |
| 2.983 | 20.41 | 60.59 | 1.26 | 6.94 | 32.42 | 1.85 | 45.18 |
| 3.009 | 20.41 | 60.59 | 1.33 | 6.94 | 32.28 | 1.97 | 45.18 |
| 3.032 | 20.41 | 60.59 | 1.18 | 6.94 | 31.7  | 1.92 | 45.18 |
| 3.043 | 20.41 | 60.59 | 1.14 | 6.94 | 31.77 | 1.77 | 45.18 |
| 3.056 | 20.41 | 60.59 | 1.18 | 6.94 | 32.23 | 1.82 | 45.18 |
| 3.087 | 20.41 | 60.59 | 1.37 | 6.94 | 32.08 | 1.94 | 45.18 |
| 3.135 | 20.41 | 60.61 | 1.26 | 6.94 | 31.71 | 1.96 | 45.2  |
| 3.17  | 20.42 | 60.61 | 1.18 | 6.94 | 31.17 | 1.74 | 45.19 |
| 3.174 | 20.42 | 60.61 | 1.33 | 6.94 | 31.93 | 1.94 | 45.18 |
| 3.185 | 20.42 | 60.6  | 1.3  | 6.93 | 32.41 | 1.85 | 45.18 |
| 3.224 | 20.42 | 60.6  | 1.33 | 6.93 | 31.38 | 1.69 | 45.18 |



|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 3.279 | 20.42 | 60.6  | 1.3  | 6.93 | 30.72 | 1.71 | 45.19 |
| 3.314 | 20.42 | 60.6  | 1.26 | 6.92 | 31.62 | 1.75 | 45.18 |
| 3.325 | 20.42 | 60.6  | 1.3  | 6.92 | 31.05 | 1.66 | 45.18 |
| 3.361 | 20.42 | 60.6  | 1.26 | 6.92 | 31.14 | 1.67 | 45.19 |
| 3.406 | 20.42 | 60.6  | 1.11 | 6.91 | 31.47 | 1.75 | 45.18 |
| 3.434 | 20.42 | 60.6  | 1.26 | 6.91 | 31.62 | 1.8  | 45.18 |
| 3.441 | 20.42 | 60.6  | 1.3  | 6.9  | 31.2  | 1.79 | 45.18 |
| 3.444 | 20.42 | 60.6  | 1.3  | 6.9  | 30.88 | 1.75 | 45.18 |
| 3.463 | 20.41 | 60.6  | 1.22 | 6.91 | 30.86 | 1.61 | 45.18 |
| 3.496 | 20.41 | 60.59 | 1.3  | 6.92 | 30.77 | 1.8  | 45.18 |
| 3.527 | 20.41 | 60.59 | 1.41 | 6.93 | 31.72 | 2.03 | 45.18 |
| 3.548 | 20.41 | 60.59 | 1.26 | 6.94 | 31.1  | 1.88 | 45.18 |
| 3.561 | 20.41 | 60.59 | 1.3  | 6.95 | 30.26 | 1.94 | 45.18 |
| 3.576 | 20.41 | 60.59 | 1.33 | 6.95 | 30.08 | 1.92 | 45.18 |
| 3.6   | 20.41 | 60.58 | 1.14 | 6.94 | 30.85 | 1.78 | 45.18 |
| 3.626 | 20.41 | 60.58 | 1.3  | 6.94 | 31.54 | 1.98 | 45.18 |
| 3.641 | 20.41 | 60.58 | 1.18 | 6.93 | 30.46 | 1.86 | 45.18 |
| 3.655 | 20.41 | 60.58 | 1.26 | 6.92 | 30.21 | 1.79 | 45.18 |
| 3.685 | 20.41 | 60.58 | 1.3  | 6.91 | 30.1  | 1.97 | 45.18 |
| 3.718 | 20.41 | 60.58 | 1.33 | 6.91 | 29.91 | 1.94 | 45.18 |
| 3.739 | 20.41 | 60.58 | 1.22 | 6.91 | 29.81 | 1.95 | 45.18 |
| 3.748 | 20.41 | 60.58 | 1.22 | 6.92 | 30.32 | 1.85 | 45.18 |
| 3.753 | 20.41 | 60.58 | 1.22 | 6.92 | 30.41 | 1.84 | 45.18 |
| 3.775 | 20.41 | 60.58 | 1.3  | 6.92 | 29.83 | 1.75 | 45.18 |
| 3.815 | 20.41 | 60.58 | 1.33 | 6.93 | 29.41 | 2.27 | 45.18 |
| 3.849 | 20.41 | 60.58 | 1.33 | 6.93 | 29.52 | 2.03 | 45.18 |
| 3.863 | 20.41 | 60.58 | 1.18 | 6.93 | 29.95 | 1.98 | 45.18 |
| 3.867 | 20.41 | 60.58 | 1.22 | 6.94 | 29.98 | 1.92 | 45.18 |
| 3.878 | 20.41 | 60.58 | 1.33 | 6.93 | 29.41 | 1.88 | 45.18 |
| 3.903 | 20.41 | 60.58 | 1.37 | 6.93 | 28.89 | 1.85 | 45.18 |
| 3.936 | 20.41 | 60.59 | 1.37 | 6.92 | 28.84 | 1.79 | 45.18 |
| 3.965 | 20.41 | 60.58 | 1.33 | 6.92 | 29.24 | 2.02 | 45.18 |
| 3.989 | 20.41 | 60.58 | 1.3  | 6.91 | 29.3  | 1.93 | 45.18 |
| 4.003 | 20.41 | 60.59 | 1.37 | 6.91 | 28.93 | 1.79 | 45.18 |
| 4.011 | 20.41 | 60.59 | 1.3  | 6.91 | 28.61 | 1.79 | 45.18 |
| 4.02  | 20.41 | 60.59 | 1.26 | 6.91 | 28.26 | 1.61 | 45.18 |
| 4.046 | 20.41 | 60.59 | 1.18 | 6.91 | 28.42 | 1.66 | 45.18 |
| 4.079 | 20.41 | 60.59 | 1.3  | 6.92 | 28.79 | 1.97 | 45.18 |
| 4.111 | 20.41 | 60.59 | 1.26 | 6.92 | 29.03 | 2.0  | 45.18 |
| 4.135 | 20.41 | 60.59 | 1.53 | 6.92 | 27.92 | 1.84 | 45.18 |
| 4.148 | 20.41 | 60.59 | 1.37 | 6.93 | 27.74 | 1.85 | 45.18 |
| 4.154 | 20.41 | 60.58 | 1.22 | 6.93 | 28.26 | 1.84 | 45.18 |
| 4.163 | 20.41 | 60.58 | 1.14 | 6.92 | 28.55 | 1.77 | 45.18 |
| 4.187 | 20.41 | 60.58 | 1.26 | 6.92 | 27.72 | 1.82 | 45.18 |
| 4.229 | 20.41 | 60.58 | 1.26 | 6.93 | 27.22 | 2.0  | 45.18 |
| 4.268 | 20.41 | 60.59 | 1.26 | 6.93 | 27.62 | 1.98 | 45.18 |
| 4.283 | 20.41 | 60.59 | 1.26 | 6.95 | 27.6  | 1.99 | 45.18 |
| 4.3   | 20.41 | 60.58 | 1.3  | 6.95 | 26.75 | 1.75 | 45.18 |
| 4.348 | 20.41 | 60.58 | 1.33 | 6.95 | 26.61 | 1.75 | 45.18 |
| 4.398 | 20.41 | 60.58 | 1.22 | 6.96 | 27.17 | 1.63 | 45.18 |
| 4.426 | 20.41 | 60.58 | 1.33 | 6.95 | 27.12 | 1.6  | 45.18 |
| 4.431 | 20.41 | 60.58 | 1.22 | 6.94 | 27.06 | 1.71 | 45.18 |
| 4.444 | 20.41 | 60.58 | 1.3  | 6.94 | 26.42 | 1.66 | 45.18 |
| 4.477 | 20.41 | 60.58 | 1.33 | 6.94 | 25.86 | 1.67 | 45.18 |
| 4.516 | 20.41 | 60.58 | 1.33 | 6.94 | 26.14 | 1.79 | 45.18 |
| 4.54  | 20.4  | 60.58 | 1.37 | 6.94 | 26.32 | 2.01 | 45.18 |
| 4.544 | 20.4  | 60.57 | 1.22 | 6.94 | 26.08 | 1.69 | 45.17 |
| 4.55  | 20.4  | 60.57 | 1.3  | 6.94 | 25.83 | 1.66 | 45.18 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.566 | 20.4  | 60.57 | 1.26 | 6.94 | 25.58 | 1.56 | 45.18 |
| 4.587 | 20.4  | 60.58 | 1.22 | 6.94 | 25.63 | 1.66 | 45.18 |
| 4.615 | 20.4  | 60.58 | 1.26 | 6.94 | 25.93 | 1.75 | 45.18 |
| 4.641 | 20.4  | 60.58 | 1.26 | 6.94 | 26.29 | 1.84 | 45.18 |
| 4.66  | 20.4  | 60.58 | 1.18 | 6.95 | 25.59 | 1.72 | 45.18 |
| 4.677 | 20.41 | 60.58 | 1.3  | 6.95 | 24.99 | 1.84 | 45.18 |
| 4.696 | 20.41 | 60.58 | 1.14 | 6.95 | 24.76 | 1.85 | 45.18 |
| 4.715 | 20.41 | 60.58 | 1.37 | 6.94 | 24.96 | 1.77 | 45.18 |
| 4.737 | 20.41 | 60.59 | 1.41 | 6.94 | 25.22 | 1.88 | 45.18 |
| 4.758 | 20.41 | 60.59 | 1.03 | 6.94 | 24.69 | 1.8  | 45.18 |
| 4.78  | 20.41 | 60.59 | 1.11 | 6.93 | 24.14 | 1.86 | 45.18 |
| 4.804 | 20.41 | 60.59 | 1.37 | 6.93 | 23.87 | 1.87 | 45.18 |
| 4.827 | 20.41 | 60.59 | 1.3  | 6.92 | 24.04 | 1.88 | 45.18 |
| 4.843 | 20.41 | 60.59 | 1.3  | 6.92 | 24.38 | 1.82 | 45.18 |
| 4.856 | 20.41 | 60.58 | 1.33 | 6.92 | 24.37 | 1.69 | 45.18 |
| 4.874 | 20.41 | 60.58 | 1.53 | 6.93 | 24.0  | 1.67 | 45.18 |
| 4.902 | 20.41 | 60.59 | 1.18 | 6.94 | 23.49 | 1.75 | 45.18 |
| 4.932 | 20.41 | 60.6  | 1.3  | 6.94 | 23.23 | 1.68 | 45.19 |
| 4.954 | 20.41 | 60.59 | 1.26 | 6.95 | 23.22 | 1.69 | 45.18 |
| 4.967 | 20.41 | 60.59 | 1.33 | 6.96 | 23.42 | 1.72 | 45.18 |
| 4.974 | 20.41 | 60.59 | 1.3  | 6.96 | 23.49 | 1.61 | 45.18 |
| 4.99  | 20.41 | 60.59 | 1.18 | 6.96 | 23.24 | 1.59 | 45.18 |
| 5.015 | 20.41 | 60.59 | 1.41 | 6.96 | 22.82 | 1.56 | 45.18 |
| 5.045 | 20.41 | 60.62 | 1.33 | 6.95 | 22.7  | 1.66 | 45.21 |
| 5.068 | 20.42 | 60.61 | 1.22 | 6.95 | 22.84 | 1.62 | 45.19 |
| 5.081 | 20.42 | 60.61 | 1.18 | 6.95 | 23.04 | 1.63 | 45.18 |
| 5.093 | 20.42 | 60.61 | 1.22 | 6.94 | 22.73 | 1.63 | 45.18 |
| 5.11  | 20.42 | 60.61 | 1.22 | 6.94 | 22.5  | 1.63 | 45.19 |
| 5.136 | 20.42 | 60.64 | 1.18 | 6.93 | 22.41 | 1.53 | 45.21 |
| 5.161 | 20.43 | 60.65 | 1.26 | 6.93 | 22.29 | 1.49 | 45.22 |
| 5.179 | 20.44 | 60.65 | 1.3  | 6.93 | 22.0  | 1.69 | 45.21 |
| 5.191 | 20.44 | 60.66 | 1.26 | 6.93 | 21.94 | 1.62 | 45.21 |
| 5.208 | 20.44 | 60.66 | 1.37 | 6.92 | 21.97 | 1.57 | 45.21 |
| 5.229 | 20.45 | 60.66 | 1.41 | 6.92 | 22.03 | 1.53 | 45.21 |
| 5.25  | 20.45 | 60.67 | 1.18 | 6.91 | 21.78 | 1.57 | 45.21 |
| 5.271 | 20.45 | 60.67 | 1.18 | 6.91 | 21.4  | 1.57 | 45.2  |
| 5.293 | 20.45 | 60.67 | 1.22 | 6.91 | 21.23 | 1.55 | 45.2  |
| 5.312 | 20.45 | 60.67 | 1.22 | 6.9  | 21.18 | 1.51 | 45.2  |
| 5.323 | 20.45 | 60.66 | 1.26 | 6.9  | 21.34 | 1.53 | 45.2  |
| 5.335 | 20.45 | 60.66 | 1.22 | 6.9  | 21.18 | 1.62 | 45.2  |
| 5.364 | 20.45 | 60.66 | 1.26 | 6.9  | 20.77 | 1.57 | 45.2  |
| 5.397 | 20.45 | 60.66 | 1.22 | 6.9  | 20.6  | 1.52 | 45.2  |
| 5.413 | 20.45 | 60.66 | 1.22 | 6.9  | 20.69 | 1.56 | 45.2  |
| 5.414 | 20.45 | 60.66 | 1.26 | 6.89 | 20.7  | 1.63 | 45.2  |
| 5.42  | 20.45 | 60.66 | 1.33 | 6.88 | 20.59 | 1.68 | 45.2  |
| 5.444 | 20.45 | 60.66 | 1.37 | 6.87 | 20.36 | 1.63 | 45.2  |
| 5.478 | 20.45 | 60.66 | 1.22 | 6.87 | 20.2  | 1.59 | 45.2  |
| 5.505 | 20.45 | 60.66 | 1.3  | 6.87 | 20.05 | 1.57 | 45.2  |
| 5.519 | 20.45 | 60.66 | 1.26 | 6.87 | 19.98 | 1.56 | 45.2  |
| 5.521 | 20.45 | 60.66 | 1.37 | 6.88 | 20.01 | 1.53 | 45.2  |
| 5.526 | 20.45 | 60.66 | 1.3  | 6.88 | 20.01 | 1.52 | 45.2  |
| 5.552 | 20.45 | 60.66 | 1.3  | 6.89 | 19.91 | 1.57 | 45.2  |
| 5.59  | 20.45 | 60.66 | 1.26 | 6.89 | 19.57 | 1.6  | 45.2  |
| 5.614 | 20.45 | 60.66 | 1.22 | 6.89 | 19.38 | 1.59 | 45.2  |
| 5.617 | 20.45 | 60.66 | 1.18 | 6.89 | 19.33 | 1.47 | 45.2  |
| 5.618 | 20.45 | 60.66 | 1.26 | 6.89 | 19.44 | 1.53 | 45.2  |
| 5.634 | 20.45 | 60.66 | 1.33 | 6.89 | 19.45 | 1.59 | 45.2  |
| 5.67  | 20.45 | 60.66 | 1.37 | 6.89 | 19.22 | 1.6  | 45.2  |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 5.703 | 20.45 | 60.66 | 1.26 | 6.88 | 18.99 | 1.59 | 45.2  |
| 5.71  | 20.45 | 60.66 | 1.3  | 6.89 | 18.99 | 1.57 | 45.2  |
| 5.717 | 20.44 | 60.66 | 1.45 | 6.88 | 18.88 | 1.62 | 45.2  |
| 5.746 | 20.44 | 60.66 | 1.22 | 6.88 | 18.75 | 1.56 | 45.2  |
| 5.781 | 20.44 | 60.65 | 1.37 | 6.88 | 18.7  | 1.62 | 45.2  |
| 5.805 | 20.44 | 60.65 | 1.33 | 6.89 | 18.51 | 1.59 | 45.2  |
| 5.814 | 20.44 | 60.64 | 1.37 | 6.89 | 18.33 | 1.56 | 45.19 |
| 5.816 | 20.44 | 60.64 | 1.3  | 6.89 | 18.32 | 1.56 | 45.19 |
| 5.824 | 20.44 | 60.64 | 1.3  | 6.89 | 18.33 | 1.55 | 45.19 |
| 5.849 | 20.44 | 60.64 | 1.41 | 6.89 | 18.26 | 1.48 | 45.19 |
| 5.884 | 20.44 | 60.64 | 1.26 | 6.88 | 18.02 | 1.61 | 45.2  |
| 5.913 | 20.44 | 60.64 | 1.14 | 6.88 | 17.84 | 1.5  | 45.2  |
| 5.922 | 20.44 | 60.64 | 1.33 | 6.88 | 17.92 | 1.63 | 45.2  |
| 5.929 | 20.44 | 60.64 | 1.26 | 6.88 | 17.79 | 1.63 | 45.2  |
| 5.955 | 20.44 | 60.64 | 1.22 | 6.88 | 17.54 | 1.56 | 45.2  |
| 5.989 | 20.44 | 60.64 | 1.37 | 6.88 | 17.42 | 1.53 | 45.19 |
| 6.013 | 20.44 | 60.64 | 1.33 | 6.88 | 17.38 | 1.49 | 45.19 |
| 6.026 | 20.44 | 60.64 | 1.18 | 6.88 | 17.42 | 1.55 | 45.2  |
| 6.033 | 20.44 | 60.64 | 1.22 | 6.88 | 17.28 | 1.59 | 45.2  |
| 6.045 | 20.44 | 60.64 | 1.26 | 6.87 | 17.1  | 1.63 | 45.2  |
| 6.066 | 20.44 | 60.64 | 1.26 | 6.86 | 16.99 | 1.51 | 45.2  |
| 6.091 | 20.44 | 60.64 | 1.26 | 6.85 | 16.98 | 1.49 | 45.19 |
| 6.116 | 20.44 | 60.64 | 1.14 | 6.84 | 16.94 | 1.52 | 45.19 |
| 6.131 | 20.44 | 60.64 | 1.22 | 6.84 | 16.9  | 1.57 | 45.19 |
| 6.139 | 20.44 | 60.64 | 1.3  | 6.84 | 16.69 | 1.51 | 45.19 |
| 6.154 | 20.44 | 60.64 | 1.33 | 6.85 | 16.58 | 1.61 | 45.19 |
| 6.178 | 20.44 | 60.64 | 1.26 | 6.85 | 16.49 | 1.62 | 45.2  |
| 6.203 | 20.44 | 60.64 | 1.22 | 6.86 | 16.49 | 1.54 | 45.2  |
| 6.223 | 20.44 | 60.64 | 1.26 | 6.87 | 16.4  | 1.55 | 45.19 |
| 6.236 | 20.44 | 60.64 | 1.22 | 6.88 | 16.28 | 1.48 | 45.19 |
| 6.246 | 20.44 | 60.64 | 1.18 | 6.88 | 16.17 | 1.52 | 45.2  |
| 6.263 | 20.44 | 60.64 | 1.3  | 6.88 | 16.09 | 1.51 | 45.2  |
| 6.281 | 20.44 | 60.64 | 1.26 | 6.88 | 16.04 | 1.69 | 45.2  |
| 6.292 | 20.44 | 60.64 | 1.3  | 6.88 | 15.94 | 1.67 | 45.2  |
| 6.296 | 20.44 | 60.64 | 1.33 | 6.88 | 15.95 | 1.59 | 45.2  |
| 6.301 | 20.44 | 60.64 | 1.3  | 6.88 | 15.93 | 1.67 | 45.2  |
| 6.302 | 20.44 | 60.64 | 1.22 | 6.88 | 15.94 | 1.75 | 45.19 |



| 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/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.23      | 59.68               | 0.11           | 6.78           | 34.77                       | 1.2               | 44.61           |
| PROF (metros)                                                                | 0.749      | 0.926               | 1.075          | 4.331          | 5.542                       | 4.362             | 0.749           |
| MÁXIMO                                                                       | 20.67      | 20.67               | 2.71           | 7.36           | 113.66                      | 2.24              | 44.98           |
| PROF (metros)                                                                | 5.542      | 4.157               | 1.055          | 1.609          | 0.832                       | 2.857             | 4.13            |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E02 - Punto 003                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.23      | 59.69               | 1.0            | 7.31           | 107.03                      | 1.43              | 44.61           |
| 1 - 2m                                                     | 20.23      | 59.7                | 1.03           | 7.32           | 81.03                       | 1.54              | 44.61           |
| 2 - 3m                                                     | 20.39      | 60.07               | 0.99           | 7.2            | 66.67                       | 1.8               | 44.76           |
| 3 - 4m                                                     | 20.59      | 60.51               | 1.1            | 7.09           | 58.14                       | 1.76              | 44.91           |
| 4 - 5m                                                     | 20.66      | 60.66               | 1.05           | 6.82           | 45.52                       | 1.37              | 44.97           |
| 5 - 6m                                                     | 20.66      | 60.66               | 1.06           | 6.84           | 37.27                       | 1.46              | 44.97           |

| 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) |
| 0.749                                                          | 20.23      | 59.69               | 0.72           | 7.29           | 106.34                      | 1.53              | 44.61           |
| 0.809                                                          | 20.23      | 59.69               | 1.45           | 7.29           | 109.04                      | 1.45              | 44.61           |
| 0.832                                                          | 20.23      | 59.69               | 1.26           | 7.31           | 113.66                      | 1.43              | 44.61           |
| 0.844                                                          | 20.23      | 59.69               | 1.18           | 7.32           | 112.37                      | 1.38              | 44.61           |
| 0.869                                                          | 20.23      | 59.69               | 0.8            | 7.32           | 109.67                      | 1.31              | 44.61           |
| 0.895                                                          | 20.23      | 59.69               | 1.22           | 7.32           | 102.28                      | 1.37              | 44.61           |
| 0.926                                                          | 20.23      | 59.68               | 0.61           | 7.32           | 111.73                      | 1.47              | 44.61           |
| 0.951                                                          | 20.23      | 59.68               | 1.11           | 7.32           | 104.41                      | 1.45              | 44.61           |
| 0.972                                                          | 20.23      | 59.68               | 0.88           | 7.32           | 103.69                      | 1.51              | 44.61           |
| 0.992                                                          | 20.23      | 59.68               | 0.76           | 7.32           | 97.06                       | 1.37              | 44.61           |
| 1.013                                                          | 20.23      | 59.68               | 1.18           | 7.32           | 99.48                       | 1.37              | 44.61           |
| 1.035                                                          | 20.23      | 59.68               | 0.95           | 7.33           | 90.77                       | 1.36              | 44.61           |
| 1.055                                                          | 20.23      | 59.68               | 2.71           | 7.33           | 102.95                      | 1.53              | 44.61           |
| 1.075                                                          | 20.23      | 59.69               | 0.11           | 7.33           | 94.4                        | 1.45              | 44.61           |
| 1.099                                                          | 20.23      | 59.69               | 0.84           | 7.33           | 100.43                      | 1.48              | 44.61           |
| 1.127                                                          | 20.23      | 59.69               | 1.18           | 7.32           | 86.12                       | 1.53              | 44.61           |
| 1.155                                                          | 20.23      | 59.69               | 1.22           | 7.33           | 101.55                      | 1.69              | 44.61           |
| 1.176                                                          | 20.23      | 59.69               | 1.49           | 7.32           | 90.71                       | 1.57              | 44.61           |
| 1.189                                                          | 20.23      | 59.69               | 1.45           | 7.32           | 94.99                       | 1.66              | 44.61           |
| 1.202                                                          | 20.23      | 59.69               | 0.8            | 7.33           | 88.65                       | 1.57              | 44.61           |
| 1.22                                                           | 20.23      | 59.69               | 1.14           | 7.33           | 86.78                       | 1.52              | 44.61           |
| 1.251                                                          | 20.23      | 59.69               | 0.99           | 7.32           | 86.5                        | 1.55              | 44.61           |
| 1.284                                                          | 20.23      | 59.7                | 1.22           | 7.32           | 91.92                       | 1.59              | 44.62           |
| 1.306                                                          | 20.23      | 59.7                | 0.88           | 7.32           | 87.23                       | 1.45              | 44.62           |
| 1.32                                                           | 20.23      | 59.7                | 0.88           | 7.31           | 85.94                       | 1.61              | 44.61           |
| 1.334                                                          | 20.23      | 59.7                | 1.26           | 7.31           | 82.14                       | 1.55              | 44.61           |
| 1.353                                                          | 20.23      | 59.69               | 0.99           | 7.31           | 81.88                       | 1.43              | 44.61           |
| 1.381                                                          | 20.23      | 59.69               | 0.95           | 7.3            | 83.14                       | 1.43              | 44.61           |
| 1.407                                                          | 20.23      | 59.69               | 0.65           | 7.3            | 86.16                       | 1.49              | 44.61           |
| 1.427                                                          | 20.23      | 59.69               | 1.03           | 7.3            | 83.18                       | 1.54              | 44.61           |
| 1.438                                                          | 20.23      | 59.69               | 0.95           | 7.31           | 78.95                       | 1.5               | 44.61           |
| 1.453                                                          | 20.23      | 59.69               | 0.95           | 7.31           | 79.3                        | 1.46              | 44.61           |
| 1.483                                                          | 20.23      | 59.7                | 0.95           | 7.31           | 81.27                       | 1.55              | 44.61           |
| 1.514                                                          | 20.23      | 59.7                | 0.99           | 7.31           | 80.28                       | 1.48              | 44.61           |
| 1.535                                                          | 20.23      | 59.7                | 1.03           | 7.31           | 77.16                       | 1.67              | 44.61           |
| 1.547                                                          | 20.23      | 59.7                | 1.22           | 7.32           | 75.46                       | 1.57              | 44.61           |

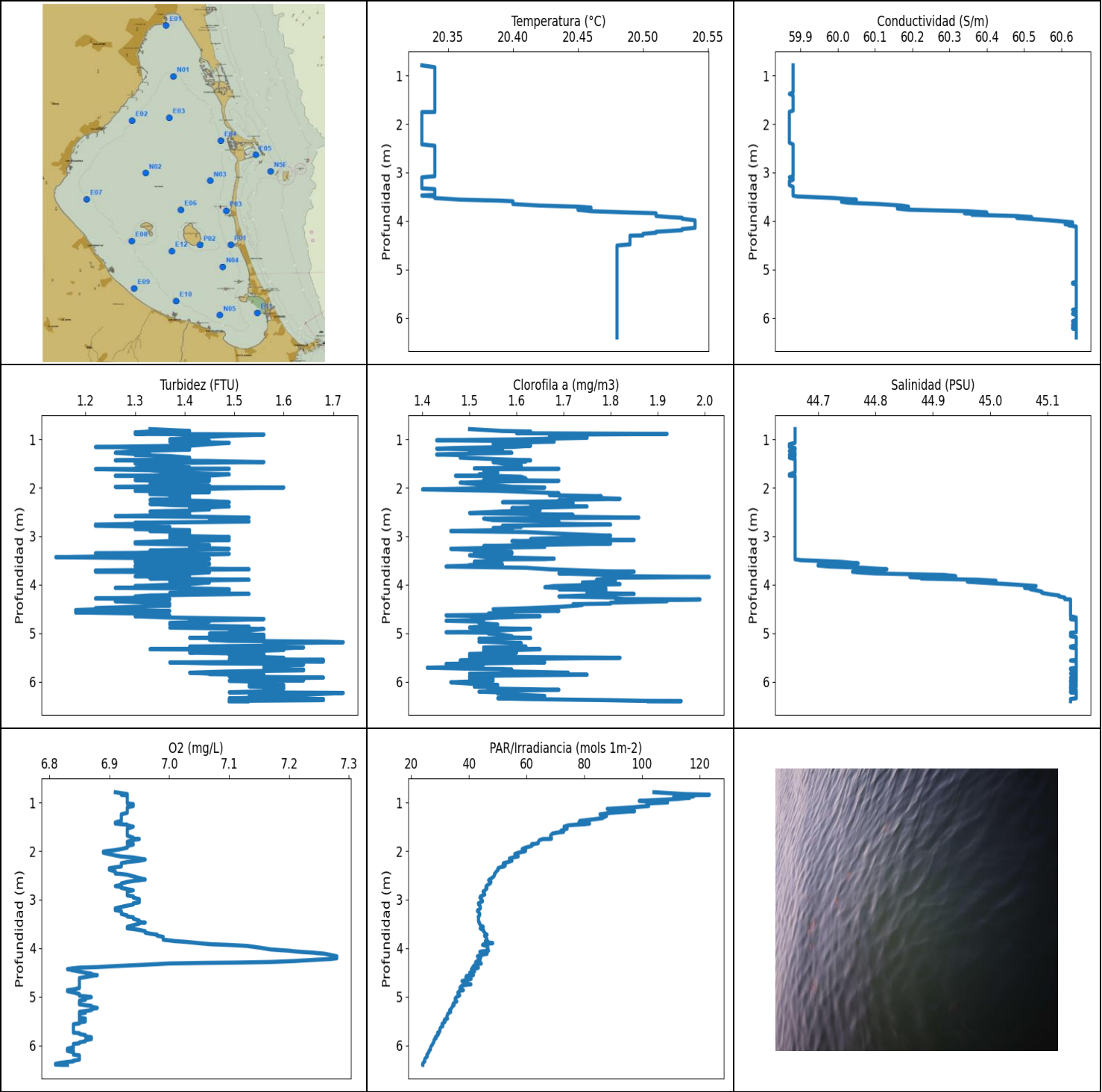
|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.562 | 20.23 | 59.7  | 0.95 | 7.35 | 76.04 | 1.5  | 44.61 |
| 1.584 | 20.23 | 59.7  | 1.03 | 7.35 | 79.21 | 1.53 | 44.61 |
| 1.609 | 20.23 | 59.69 | 1.18 | 7.36 | 76.89 | 1.51 | 44.61 |
| 1.634 | 20.23 | 59.69 | 1.11 | 7.36 | 74.61 | 1.62 | 44.61 |
| 1.656 | 20.23 | 59.69 | 0.99 | 7.36 | 74.18 | 1.6  | 44.61 |
| 1.674 | 20.23 | 59.69 | 0.95 | 7.33 | 73.72 | 1.56 | 44.61 |
| 1.69  | 20.23 | 59.69 | 0.95 | 7.34 | 74.72 | 1.57 | 44.61 |
| 1.709 | 20.23 | 59.69 | 1.03 | 7.32 | 75.36 | 1.57 | 44.61 |
| 1.735 | 20.23 | 59.7  | 0.95 | 7.31 | 72.73 | 1.51 | 44.62 |
| 1.766 | 20.23 | 59.7  | 0.95 | 7.31 | 73.1  | 1.46 | 44.62 |
| 1.794 | 20.23 | 59.7  | 0.84 | 7.3  | 71.1  | 1.54 | 44.62 |
| 1.814 | 20.24 | 59.7  | 0.84 | 7.3  | 69.55 | 1.46 | 44.62 |
| 1.828 | 20.24 | 59.7  | 0.95 | 7.3  | 68.42 | 1.54 | 44.62 |
| 1.845 | 20.24 | 59.7  | 0.92 | 7.31 | 73.32 | 1.72 | 44.62 |
| 1.865 | 20.24 | 59.71 | 1.11 | 7.3  | 72.94 | 1.62 | 44.62 |
| 1.886 | 20.24 | 59.71 | 0.88 | 7.31 | 69.34 | 1.53 | 44.62 |
| 1.91  | 20.24 | 59.71 | 1.11 | 7.31 | 66.2  | 1.56 | 44.62 |
| 1.938 | 20.24 | 59.71 | 0.95 | 7.31 | 67.52 | 1.53 | 44.62 |
| 1.966 | 20.24 | 59.71 | 0.99 | 7.31 | 71.17 | 1.55 | 44.62 |
| 1.986 | 20.24 | 59.74 | 0.88 | 7.31 | 69.74 | 1.53 | 44.64 |
| 2.002 | 20.25 | 59.76 | 0.99 | 7.31 | 66.4  | 1.56 | 44.65 |
| 2.021 | 20.26 | 59.78 | 1.03 | 7.31 | 67.47 | 1.69 | 44.66 |
| 2.049 | 20.27 | 59.82 | 0.99 | 7.31 | 66.14 | 1.56 | 44.68 |
| 2.084 | 20.28 | 59.85 | 1.03 | 7.31 | 68.27 | 1.56 | 44.69 |
| 2.11  | 20.3  | 59.87 | 1.03 | 7.31 | 72.36 | 1.63 | 44.7  |
| 2.125 | 20.31 | 59.86 | 0.99 | 7.32 | 64.89 | 1.67 | 44.68 |
| 2.138 | 20.31 | 59.87 | 0.92 | 7.31 | 64.34 | 1.63 | 44.68 |
| 2.166 | 20.31 | 59.87 | 1.03 | 7.3  | 71.58 | 1.63 | 44.68 |
| 2.198 | 20.32 | 59.9  | 1.03 | 7.28 | 67.42 | 1.63 | 44.7  |
| 2.223 | 20.32 | 59.94 | 0.99 | 7.27 | 69.94 | 1.69 | 44.73 |
| 2.238 | 20.33 | 59.94 | 1.03 | 7.26 | 65.41 | 1.85 | 44.71 |
| 2.254 | 20.34 | 59.94 | 1.07 | 7.25 | 69.86 | 2.14 | 44.71 |
| 2.279 | 20.34 | 59.95 | 0.92 | 7.25 | 64.68 | 1.82 | 44.71 |
| 2.312 | 20.35 | 59.95 | 0.95 | 7.23 | 71.48 | 1.73 | 44.71 |
| 2.339 | 20.35 | 59.96 | 0.92 | 7.22 | 68.5  | 1.66 | 44.71 |
| 2.356 | 20.35 | 60.01 | 1.03 | 7.21 | 64.32 | 1.75 | 44.75 |
| 2.368 | 20.37 | 60.02 | 0.99 | 7.2  | 65.94 | 1.72 | 44.75 |
| 2.393 | 20.38 | 60.04 | 1.07 | 7.19 | 67.02 | 1.75 | 44.75 |
| 2.427 | 20.38 | 60.07 | 1.03 | 7.18 | 65.85 | 1.94 | 44.77 |
| 2.457 | 20.39 | 60.07 | 1.07 | 7.18 | 77.93 | 1.75 | 44.76 |
| 2.472 | 20.4  | 60.08 | 1.03 | 7.18 | 67.6  | 1.8  | 44.76 |
| 2.484 | 20.4  | 60.08 | 0.95 | 7.19 | 63.7  | 1.79 | 44.75 |
| 2.509 | 20.4  | 60.08 | 0.99 | 7.19 | 65.71 | 1.74 | 44.76 |
| 2.544 | 20.41 | 60.08 | 1.11 | 7.19 | 65.39 | 1.69 | 44.75 |
| 2.571 | 20.41 | 60.09 | 0.92 | 7.17 | 64.34 | 1.74 | 44.76 |
| 2.586 | 20.41 | 60.11 | 0.99 | 7.17 | 61.54 | 1.84 | 44.78 |
| 2.599 | 20.41 | 60.12 | 1.22 | 7.16 | 69.04 | 1.85 | 44.78 |
| 2.62  | 20.42 | 60.14 | 0.76 | 7.16 | 67.39 | 1.92 | 44.79 |
| 2.651 | 20.43 | 60.19 | 0.99 | 7.16 | 62.81 | 1.89 | 44.82 |
| 2.682 | 20.44 | 60.21 | 0.99 | 7.16 | 64.98 | 1.82 | 44.82 |
| 2.704 | 20.45 | 60.19 | 0.99 | 7.16 | 63.98 | 1.69 | 44.8  |
| 2.718 | 20.46 | 60.19 | 0.99 | 7.16 | 63.39 | 2.0  | 44.79 |
| 2.738 | 20.45 | 60.19 | 0.99 | 7.16 | 64.21 | 1.94 | 44.8  |
| 2.767 | 20.45 | 60.22 | 0.95 | 7.15 | 67.14 | 1.8  | 44.82 |
| 2.796 | 20.46 | 60.26 | 1.11 | 7.14 | 64.38 | 1.88 | 44.85 |
| 2.817 | 20.47 | 60.27 | 0.99 | 7.13 | 60.45 | 1.8  | 44.84 |
| 2.836 | 20.48 | 60.26 | 0.8  | 7.13 | 71.76 | 1.79 | 44.83 |
| 2.857 | 20.49 | 60.26 | 1.03 | 7.13 | 67.63 | 2.24 | 44.82 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.884 | 20.49 | 60.28 | 0.95 | 7.13 | 65.77 | 2.07 | 44.84 |
| 2.914 | 20.49 | 60.31 | 0.95 | 7.14 | 69.83 | 1.95 | 44.86 |
| 2.943 | 20.5  | 60.34 | 1.03 | 7.14 | 62.81 | 1.92 | 44.88 |
| 2.971 | 20.51 | 60.35 | 0.92 | 7.14 | 69.0  | 2.08 | 44.87 |
| 2.992 | 20.52 | 60.35 | 0.92 | 7.15 | 64.25 | 1.87 | 44.86 |
| 3.014 | 20.53 | 60.35 | 1.11 | 7.14 | 67.9  | 1.79 | 44.85 |
| 3.035 | 20.53 | 60.37 | 1.14 | 7.14 | 63.19 | 1.74 | 44.86 |
| 3.056 | 20.54 | 60.37 | 1.07 | 7.13 | 64.5  | 1.82 | 44.86 |
| 3.079 | 20.54 | 60.37 | 1.03 | 7.13 | 65.09 | 1.82 | 44.86 |
| 3.104 | 20.54 | 60.37 | 1.14 | 7.12 | 63.39 | 1.88 | 44.86 |
| 3.132 | 20.54 | 60.37 | 1.11 | 7.11 | 63.38 | 1.62 | 44.85 |
| 3.157 | 20.54 | 60.37 | 1.11 | 7.11 | 61.11 | 1.82 | 44.85 |
| 3.175 | 20.54 | 60.37 | 1.14 | 7.11 | 65.09 | 1.94 | 44.86 |
| 3.192 | 20.54 | 60.37 | 1.14 | 7.11 | 60.19 | 1.79 | 44.86 |
| 3.216 | 20.54 | 60.37 | 1.07 | 7.1  | 61.33 | 1.88 | 44.86 |
| 3.247 | 20.53 | 60.4  | 0.99 | 7.1  | 61.47 | 1.77 | 44.89 |
| 3.274 | 20.54 | 60.42 | 1.03 | 7.1  | 61.73 | 1.94 | 44.9  |
| 3.294 | 20.55 | 60.42 | 1.18 | 7.09 | 58.54 | 1.94 | 44.88 |
| 3.312 | 20.56 | 60.41 | 0.99 | 7.09 | 59.48 | 1.99 | 44.87 |
| 3.333 | 20.56 | 60.42 | 1.22 | 7.09 | 60.13 | 1.87 | 44.87 |
| 3.357 | 20.56 | 60.43 | 1.26 | 7.1  | 61.77 | 1.86 | 44.89 |
| 3.38  | 20.56 | 60.46 | 1.18 | 7.11 | 59.33 | 1.92 | 44.91 |
| 3.402 | 20.57 | 60.47 | 1.03 | 7.11 | 59.76 | 1.73 | 44.9  |
| 3.424 | 20.58 | 60.46 | 1.03 | 7.11 | 62.14 | 1.69 | 44.89 |
| 3.443 | 20.58 | 60.47 | 1.14 | 7.11 | 63.08 | 1.88 | 44.9  |
| 3.463 | 20.58 | 60.48 | 0.95 | 7.12 | 54.79 | 1.93 | 44.9  |
| 3.484 | 20.59 | 60.48 | 1.07 | 7.12 | 57.19 | 1.82 | 44.9  |
| 3.507 | 20.59 | 60.48 | 0.95 | 7.12 | 61.96 | 1.79 | 44.89 |
| 3.526 | 20.59 | 60.5  | 1.03 | 7.12 | 59.62 | 1.83 | 44.91 |
| 3.545 | 20.59 | 60.5  | 0.95 | 7.12 | 55.9  | 1.75 | 44.91 |
| 3.568 | 20.6  | 60.5  | 1.07 | 7.12 | 57.05 | 1.69 | 44.91 |
| 3.591 | 20.6  | 60.5  | 1.14 | 7.12 | 56.52 | 1.69 | 44.91 |
| 3.608 | 20.6  | 60.53 | 1.03 | 7.12 | 58.54 | 1.8  | 44.93 |
| 3.626 | 20.61 | 60.54 | 1.11 | 7.12 | 55.54 | 1.9  | 44.92 |
| 3.646 | 20.61 | 60.56 | 1.03 | 7.12 | 55.6  | 1.71 | 44.94 |
| 3.672 | 20.62 | 60.59 | 1.14 | 7.12 | 59.26 | 1.61 | 44.96 |
| 3.695 | 20.63 | 60.6  | 1.07 | 7.13 | 56.1  | 1.69 | 44.95 |
| 3.713 | 20.64 | 60.6  | 1.3  | 7.14 | 53.96 | 1.75 | 44.94 |
| 3.731 | 20.64 | 60.6  | 1.33 | 7.13 | 54.38 | 1.77 | 44.95 |
| 3.753 | 20.64 | 60.6  | 1.33 | 7.13 | 54.9  | 1.74 | 44.94 |
| 3.777 | 20.64 | 60.61 | 1.14 | 7.12 | 56.29 | 1.59 | 44.95 |
| 3.797 | 20.64 | 60.63 | 1.11 | 7.11 | 53.79 | 1.57 | 44.96 |
| 3.815 | 20.65 | 60.63 | 1.18 | 7.1  | 54.19 | 1.74 | 44.96 |
| 3.834 | 20.65 | 60.62 | 1.11 | 7.08 | 53.4  | 1.75 | 44.96 |
| 3.853 | 20.65 | 60.63 | 1.07 | 7.05 | 53.86 | 1.71 | 44.97 |
| 3.874 | 20.65 | 60.64 | 1.11 | 7.02 | 52.7  | 1.62 | 44.97 |
| 3.896 | 20.65 | 60.65 | 1.03 | 6.99 | 52.9  | 1.63 | 44.97 |
| 3.921 | 20.65 | 60.65 | 1.03 | 6.97 | 53.34 | 1.46 | 44.97 |
| 3.942 | 20.66 | 60.66 | 1.18 | 6.95 | 51.65 | 1.53 | 44.97 |
| 3.954 | 20.66 | 60.66 | 1.11 | 6.94 | 53.29 | 1.56 | 44.97 |
| 3.961 | 20.66 | 60.66 | 1.03 | 6.92 | 52.24 | 1.63 | 44.97 |
| 3.973 | 20.66 | 60.66 | 1.11 | 6.91 | 51.02 | 1.56 | 44.97 |
| 4.0   | 20.66 | 60.66 | 0.99 | 6.89 | 51.41 | 1.56 | 44.97 |
| 4.03  | 20.66 | 60.65 | 0.99 | 6.87 | 51.48 | 1.5  | 44.96 |
| 4.053 | 20.66 | 60.64 | 0.92 | 6.86 | 52.68 | 1.63 | 44.96 |
| 4.066 | 20.66 | 60.65 | 1.11 | 6.84 | 50.41 | 1.52 | 44.97 |
| 4.078 | 20.66 | 60.65 | 1.07 | 6.83 | 49.95 | 1.46 | 44.97 |
| 4.1   | 20.65 | 60.65 | 0.88 | 6.82 | 49.65 | 1.46 | 44.97 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.13  | 20.66 | 60.66 | 1.07 | 6.83 | 50.09 | 1.56 | 44.98 |
| 4.157 | 20.66 | 60.67 | 0.92 | 6.83 | 50.35 | 1.38 | 44.98 |
| 4.174 | 20.66 | 60.67 | 0.95 | 6.83 | 49.82 | 1.32 | 44.98 |
| 4.184 | 20.66 | 60.67 | 0.95 | 6.83 | 49.31 | 1.34 | 44.97 |
| 4.204 | 20.66 | 60.67 | 1.11 | 6.83 | 48.2  | 1.38 | 44.97 |
| 4.234 | 20.66 | 60.67 | 1.11 | 6.82 | 48.73 | 1.23 | 44.98 |
| 4.262 | 20.66 | 60.66 | 0.95 | 6.81 | 48.65 | 1.37 | 44.97 |
| 4.276 | 20.66 | 60.66 | 0.99 | 6.8  | 48.63 | 1.38 | 44.97 |
| 4.283 | 20.66 | 60.66 | 1.03 | 6.79 | 48.52 | 1.48 | 44.97 |
| 4.302 | 20.66 | 60.67 | 1.03 | 6.79 | 47.16 | 1.43 | 44.97 |
| 4.331 | 20.66 | 60.66 | 0.95 | 6.78 | 46.56 | 1.24 | 44.97 |
| 4.362 | 20.66 | 60.66 | 0.99 | 6.79 | 48.27 | 1.2  | 44.97 |
| 4.384 | 20.66 | 60.66 | 0.95 | 6.79 | 47.37 | 1.34 | 44.97 |
| 4.397 | 20.66 | 60.67 | 1.07 | 6.79 | 45.67 | 1.23 | 44.97 |
| 4.411 | 20.66 | 60.67 | 0.92 | 6.79 | 45.54 | 1.38 | 44.97 |
| 4.434 | 20.66 | 60.67 | 1.07 | 6.79 | 46.02 | 1.27 | 44.97 |
| 4.461 | 20.66 | 60.67 | 1.11 | 6.8  | 46.33 | 1.2  | 44.97 |
| 4.484 | 20.66 | 60.66 | 1.11 | 6.8  | 46.03 | 1.2  | 44.97 |
| 4.502 | 20.66 | 60.67 | 1.03 | 6.81 | 45.59 | 1.38 | 44.97 |
| 4.517 | 20.66 | 60.66 | 1.07 | 6.81 | 44.21 | 1.41 | 44.97 |
| 4.535 | 20.66 | 60.66 | 0.99 | 6.82 | 44.25 | 1.41 | 44.97 |
| 4.557 | 20.66 | 60.66 | 1.07 | 6.83 | 44.66 | 1.33 | 44.97 |
| 4.58  | 20.66 | 60.66 | 1.11 | 6.84 | 44.84 | 1.32 | 44.97 |
| 4.602 | 20.66 | 60.66 | 0.99 | 6.84 | 44.83 | 1.23 | 44.97 |
| 4.625 | 20.66 | 60.66 | 1.26 | 6.83 | 43.63 | 1.3  | 44.97 |
| 4.643 | 20.66 | 60.66 | 1.03 | 6.83 | 44.02 | 1.26 | 44.97 |
| 4.659 | 20.66 | 60.66 | 1.11 | 6.82 | 43.67 | 1.24 | 44.97 |
| 4.678 | 20.66 | 60.66 | 1.14 | 6.82 | 43.08 | 1.32 | 44.97 |
| 4.702 | 20.66 | 60.66 | 1.18 | 6.82 | 43.04 | 1.33 | 44.97 |
| 4.726 | 20.66 | 60.66 | 1.03 | 6.82 | 43.1  | 1.45 | 44.97 |
| 4.743 | 20.66 | 60.66 | 1.03 | 6.83 | 43.19 | 1.3  | 44.97 |
| 4.757 | 20.66 | 60.66 | 1.11 | 6.83 | 43.08 | 1.32 | 44.97 |
| 4.774 | 20.66 | 60.66 | 1.3  | 6.84 | 42.05 | 1.3  | 44.97 |
| 4.796 | 20.66 | 60.66 | 1.14 | 6.83 | 41.51 | 1.36 | 44.97 |
| 4.821 | 20.66 | 60.66 | 1.07 | 6.83 | 41.95 | 1.55 | 44.97 |
| 4.847 | 20.66 | 60.66 | 1.11 | 6.82 | 42.34 | 1.42 | 44.97 |
| 4.869 | 20.66 | 60.66 | 1.03 | 6.82 | 41.14 | 1.34 | 44.97 |
| 4.881 | 20.66 | 60.66 | 0.99 | 6.82 | 40.77 | 1.45 | 44.97 |
| 4.893 | 20.66 | 60.66 | 0.88 | 6.83 | 41.62 | 1.39 | 44.97 |
| 4.913 | 20.66 | 60.66 | 1.14 | 6.83 | 41.45 | 1.48 | 44.97 |
| 4.941 | 20.66 | 60.66 | 1.26 | 6.84 | 40.93 | 1.47 | 44.98 |
| 4.966 | 20.66 | 60.66 | 1.14 | 6.84 | 40.28 | 1.34 | 44.97 |
| 4.984 | 20.66 | 60.66 | 1.07 | 6.84 | 39.82 | 1.34 | 44.97 |
| 4.999 | 20.66 | 60.66 | 1.03 | 6.83 | 40.12 | 1.29 | 44.97 |
| 5.018 | 20.66 | 60.66 | 1.07 | 6.83 | 40.95 | 1.27 | 44.97 |
| 5.038 | 20.66 | 60.66 | 0.99 | 6.83 | 40.45 | 1.32 | 44.97 |
| 5.056 | 20.66 | 60.66 | 1.18 | 6.83 | 39.48 | 1.52 | 44.97 |
| 5.078 | 20.66 | 60.66 | 1.07 | 6.84 | 38.68 | 1.4  | 44.97 |
| 5.099 | 20.66 | 60.66 | 1.03 | 6.84 | 39.04 | 1.63 | 44.97 |
| 5.116 | 20.66 | 60.66 | 0.99 | 6.85 | 39.92 | 1.59 | 44.97 |
| 5.133 | 20.66 | 60.66 | 1.14 | 6.86 | 39.32 | 1.57 | 44.97 |
| 5.153 | 20.66 | 60.66 | 1.07 | 6.87 | 38.27 | 1.4  | 44.97 |
| 5.176 | 20.66 | 60.66 | 1.11 | 6.88 | 38.1  | 1.5  | 44.97 |
| 5.197 | 20.66 | 60.66 | 0.99 | 6.88 | 38.08 | 1.34 | 44.97 |
| 5.215 | 20.66 | 60.66 | 1.14 | 6.88 | 38.67 | 1.43 | 44.98 |
| 5.232 | 20.66 | 60.66 | 1.11 | 6.87 | 38.52 | 1.61 | 44.97 |
| 5.251 | 20.66 | 60.66 | 1.11 | 6.86 | 37.05 | 1.56 | 44.97 |
| 5.275 | 20.66 | 60.66 | 1.14 | 6.85 | 36.9  | 1.43 | 44.97 |



|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 5.298 | 20.66 | 60.66 | 1.14 | 6.84 | 37.61 | 1.38 | 44.97 |
| 5.317 | 20.66 | 60.66 | 1.07 | 6.85 | 37.82 | 1.62 | 44.97 |
| 5.331 | 20.66 | 60.66 | 1.14 | 6.85 | 37.3  | 1.42 | 44.98 |
| 5.347 | 20.66 | 60.66 | 0.92 | 6.85 | 36.43 | 1.4  | 44.98 |
| 5.364 | 20.66 | 60.66 | 0.92 | 6.85 | 36.24 | 1.59 | 44.97 |
| 5.382 | 20.66 | 60.66 | 1.14 | 6.85 | 36.14 | 1.41 | 44.97 |
| 5.403 | 20.66 | 60.66 | 0.99 | 6.85 | 36.43 | 1.28 | 44.98 |
| 5.429 | 20.66 | 60.67 | 1.18 | 6.85 | 36.55 | 1.43 | 44.98 |
| 5.451 | 20.66 | 60.67 | 1.18 | 6.85 | 35.46 | 1.33 | 44.98 |
| 5.469 | 20.66 | 60.67 | 0.92 | 6.84 | 35.03 | 1.33 | 44.98 |
| 5.484 | 20.66 | 60.67 | 1.07 | 6.83 | 35.56 | 1.33 | 44.97 |
| 5.503 | 20.66 | 60.67 | 1.07 | 6.82 | 35.92 | 1.45 | 44.98 |
| 5.524 | 20.66 | 60.67 | 1.07 | 6.81 | 35.18 | 1.42 | 44.98 |
| 5.538 | 20.66 | 60.67 | 0.95 | 6.8  | 34.98 | 1.34 | 44.98 |
| 5.542 | 20.67 | 60.67 | 1.03 | 6.8  | 34.77 | 1.44 | 44.98 |
| 5.544 | 20.67 | 60.67 | 1.07 | 6.81 | 35.15 | 1.85 | 44.98 |
| 5.545 | 20.67 | 60.67 | 0.99 | 6.81 | 35.3  | 1.53 | 44.98 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.33      | 59.87               | 1.14           | 6.81           | 23.94                       | 1.4               | 44.65           |
| PROF (metros)                                                                | 0.788      | 1.378               | 3.433          | 6.383          | 6.403                       | 2.034             | 1.1             |
| MÁXIMO                                                                       | 20.54      | 20.54               | 1.72           | 7.28           | 123.35                      | 2.01              | 45.15           |
| PROF (metros)                                                                | 3.988      | 4.116               | 5.188          | 4.168          | 0.839                       | 3.841             | 4.678           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E03 - Punto 004                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.34      | 59.88               | 1.38           | 6.93           | 112.58                      | 1.66              | 44.66           |
| 1 - 2m                                                     | 20.34      | 59.88               | 1.38           | 6.93           | 77.87                       | 1.56              | 44.66           |
| 2 - 3m                                                     | 20.34      | 59.88               | 1.39           | 6.93           | 49.56                       | 1.65              | 44.66           |
| 3 - 4m                                                     | 20.4       | 60.06               | 1.38           | 6.97           | 44.59                       | 1.67              | 44.75           |
| 4 - 5m                                                     | 20.5       | 60.64               | 1.38           | 6.97           | 40.94                       | 1.66              | 45.13           |
| 5 - 6m                                                     | 20.48      | 60.64               | 1.54           | 6.85           | 31.41                       | 1.56              | 45.15           |
| 6 - 7m                                                     | 20.48      | 60.64               | 1.57           | 6.83           | 25.32                       | 1.63              | 45.14           |

| 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) |
| 0.788                                                          | 20.33      | 59.88               | 1.33           | 6.91           | 104.12                      | 1.5               | 44.66           |
| 0.827                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 114.9                       | 1.57              | 44.66           |
| 0.839                                                          | 20.34      | 59.88               | 1.33           | 6.92           | 123.35                      | 1.63              | 44.66           |
| 0.856                                                          | 20.34      | 59.88               | 1.3            | 6.93           | 114.0                       | 1.61              | 44.66           |
| 0.874                                                          | 20.34      | 59.88               | 1.33           | 6.93           | 117.87                      | 1.6               | 44.66           |
| 0.887                                                          | 20.34      | 59.88               | 1.3            | 6.93           | 110.95                      | 1.92              | 44.66           |
| 0.9                                                            | 20.34      | 59.88               | 1.56           | 6.93           | 116.59                      | 1.72              | 44.66           |
| 0.927                                                          | 20.34      | 59.88               | 1.49           | 6.93           | 112.37                      | 1.67              | 44.66           |
| 0.967                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 99.04                       | 1.75              | 44.66           |
| 1.0                                                            | 20.34      | 59.88               | 1.37           | 6.93           | 108.86                      | 1.61              | 44.66           |
| 1.019                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 101.74                      | 1.43              | 44.66           |
| 1.033                                                          | 20.34      | 59.88               | 1.45           | 6.94           | 102.24                      | 1.6               | 44.66           |
| 1.048                                                          | 20.34      | 59.88               | 1.37           | 6.94           | 101.81                      | 1.68              | 44.66           |
| 1.072                                                          | 20.34      | 59.88               | 1.49           | 6.94           | 102.31                      | 1.57              | 44.66           |
| 1.1                                                            | 20.34      | 59.88               | 1.45           | 6.93           | 96.7                        | 1.55              | 44.65           |
| 1.131                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 87.94                       | 1.63              | 44.65           |
| 1.158                                                          | 20.34      | 59.88               | 1.22           | 6.93           | 92.24                       | 1.59              | 44.65           |
| 1.178                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 97.42                       | 1.47              | 44.66           |
| 1.192                                                          | 20.34      | 59.88               | 1.37           | 6.93           | 94.12                       | 1.43              | 44.66           |
| 1.212                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 89.21                       | 1.57              | 44.66           |
| 1.243                                                          | 20.34      | 59.88               | 1.3            | 6.92           | 85.43                       | 1.5               | 44.65           |
| 1.278                                                          | 20.34      | 59.88               | 1.26           | 6.92           | 87.69                       | 1.59              | 44.66           |
| 1.302                                                          | 20.34      | 59.88               | 1.3            | 6.92           | 86.7                        | 1.46              | 44.66           |
| 1.313                                                          | 20.34      | 59.88               | 1.33           | 6.92           | 86.6                        | 1.43              | 44.66           |
| 1.323                                                          | 20.34      | 59.88               | 1.3            | 6.92           | 86.1                        | 1.48              | 44.65           |
| 1.345                                                          | 20.34      | 59.88               | 1.37           | 6.92           | 83.39                       | 1.48              | 44.66           |
| 1.378                                                          | 20.34      | 59.87               | 1.41           | 6.92           | 78.46                       | 1.48              | 44.65           |
| 1.41                                                           | 20.34      | 59.88               | 1.41           | 6.91           | 78.12                       | 1.56              | 44.66           |
| 1.434                                                          | 20.34      | 59.88               | 1.26           | 6.91           | 81.84                       | 1.63              | 44.66           |
| 1.447                                                          | 20.34      | 59.88               | 1.45           | 6.92           | 80.13                       | 1.56              | 44.66           |
| 1.457                                                          | 20.34      | 59.88               | 1.49           | 6.93           | 77.16                       | 1.62              | 44.66           |
| 1.469                                                          | 20.34      | 59.88               | 1.56           | 6.93           | 74.49                       | 1.55              | 44.66           |
| 1.497                                                          | 20.34      | 59.88               | 1.3            | 6.94           | 73.0                        | 1.57              | 44.66           |
| 1.54                                                           | 20.34      | 59.88               | 1.33           | 6.93           | 74.06                       | 1.61              | 44.66           |
| 1.579                                                          | 20.34      | 59.88               | 1.41           | 6.93           | 71.91                       | 1.61              | 44.66           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.601 | 20.34 | 59.88 | 1.3  | 6.93 | 72.83 | 1.51 | 44.66 |
| 1.607 | 20.34 | 59.88 | 1.49 | 6.93 | 72.77 | 1.69 | 44.66 |
| 1.613 | 20.34 | 59.88 | 1.22 | 6.93 | 71.36 | 1.56 | 44.66 |
| 1.638 | 20.34 | 59.88 | 1.33 | 6.93 | 68.94 | 1.53 | 44.66 |
| 1.682 | 20.34 | 59.88 | 1.37 | 6.93 | 68.3  | 1.56 | 44.66 |
| 1.723 | 20.34 | 59.88 | 1.49 | 6.94 | 68.56 | 1.52 | 44.65 |
| 1.747 | 20.34 | 59.87 | 1.45 | 6.94 | 68.64 | 1.53 | 44.65 |
| 1.751 | 20.34 | 59.87 | 1.26 | 6.95 | 68.02 | 1.47 | 44.65 |
| 1.753 | 20.33 | 59.87 | 1.41 | 6.95 | 65.71 | 1.55 | 44.66 |
| 1.772 | 20.33 | 59.87 | 1.33 | 6.94 | 64.53 | 1.61 | 44.66 |
| 1.808 | 20.33 | 59.87 | 1.45 | 6.93 | 64.07 | 1.62 | 44.66 |
| 1.839 | 20.33 | 59.87 | 1.3  | 6.93 | 64.04 | 1.53 | 44.66 |
| 1.853 | 20.33 | 59.87 | 1.33 | 6.94 | 62.66 | 1.66 | 44.66 |
| 1.855 | 20.33 | 59.87 | 1.45 | 6.94 | 61.77 | 1.69 | 44.66 |
| 1.866 | 20.33 | 59.87 | 1.41 | 6.94 | 62.13 | 1.56 | 44.66 |
| 1.895 | 20.33 | 59.87 | 1.37 | 6.93 | 61.75 | 1.48 | 44.66 |
| 1.93  | 20.33 | 59.87 | 1.33 | 6.93 | 59.63 | 1.52 | 44.66 |
| 1.958 | 20.33 | 59.87 | 1.45 | 6.92 | 58.47 | 1.57 | 44.66 |
| 1.98  | 20.33 | 59.87 | 1.26 | 6.91 | 58.68 | 1.59 | 44.66 |
| 1.994 | 20.33 | 59.87 | 1.6  | 6.9  | 59.69 | 1.66 | 44.66 |
| 2.01  | 20.33 | 59.87 | 1.49 | 6.89 | 59.16 | 1.53 | 44.66 |
| 2.034 | 20.33 | 59.87 | 1.41 | 6.89 | 57.08 | 1.4  | 44.66 |
| 2.062 | 20.33 | 59.87 | 1.3  | 6.9  | 55.9  | 1.56 | 44.66 |
| 2.09  | 20.33 | 59.87 | 1.45 | 6.91 | 57.02 | 1.63 | 44.66 |
| 2.112 | 20.33 | 59.87 | 1.33 | 6.92 | 57.1  | 1.69 | 44.66 |
| 2.132 | 20.33 | 59.87 | 1.33 | 6.94 | 55.23 | 1.67 | 44.66 |
| 2.153 | 20.33 | 59.87 | 1.41 | 6.95 | 54.05 | 1.67 | 44.66 |
| 2.174 | 20.33 | 59.87 | 1.37 | 6.96 | 54.54 | 1.78 | 44.66 |
| 2.2   | 20.33 | 59.87 | 1.41 | 6.95 | 54.93 | 1.74 | 44.66 |
| 2.226 | 20.33 | 59.87 | 1.41 | 6.93 | 53.61 | 1.82 | 44.66 |
| 2.25  | 20.33 | 59.87 | 1.33 | 6.92 | 51.97 | 1.69 | 44.66 |
| 2.274 | 20.33 | 59.87 | 1.45 | 6.92 | 51.88 | 1.72 | 44.66 |
| 2.298 | 20.33 | 59.87 | 1.49 | 6.92 | 52.62 | 1.57 | 44.66 |
| 2.318 | 20.33 | 59.87 | 1.41 | 6.92 | 52.17 | 1.72 | 44.66 |
| 2.333 | 20.33 | 59.87 | 1.33 | 6.91 | 50.96 | 1.72 | 44.66 |
| 2.354 | 20.33 | 59.87 | 1.37 | 6.9  | 50.09 | 1.63 | 44.66 |
| 2.385 | 20.33 | 59.87 | 1.49 | 6.9  | 50.16 | 1.75 | 44.66 |
| 2.42  | 20.33 | 59.88 | 1.41 | 6.91 | 49.52 | 1.59 | 44.66 |
| 2.448 | 20.34 | 59.88 | 1.45 | 6.91 | 49.25 | 1.63 | 44.66 |
| 2.463 | 20.34 | 59.88 | 1.41 | 6.91 | 48.94 | 1.65 | 44.66 |
| 2.472 | 20.34 | 59.88 | 1.41 | 6.92 | 48.89 | 1.63 | 44.66 |
| 2.488 | 20.34 | 59.88 | 1.33 | 6.93 | 48.94 | 1.57 | 44.66 |
| 2.52  | 20.34 | 59.88 | 1.41 | 6.94 | 48.67 | 1.5  | 44.66 |
| 2.556 | 20.34 | 59.88 | 1.41 | 6.95 | 47.96 | 1.72 | 44.66 |
| 2.585 | 20.34 | 59.88 | 1.26 | 6.96 | 47.15 | 1.63 | 44.66 |
| 2.601 | 20.34 | 59.88 | 1.45 | 6.95 | 46.84 | 1.73 | 44.66 |
| 2.615 | 20.34 | 59.88 | 1.53 | 6.94 | 47.21 | 1.86 | 44.66 |
| 2.636 | 20.34 | 59.88 | 1.49 | 6.93 | 47.66 | 1.53 | 44.66 |
| 2.666 | 20.34 | 59.88 | 1.45 | 6.92 | 47.4  | 1.55 | 44.66 |
| 2.697 | 20.34 | 59.88 | 1.53 | 6.92 | 46.56 | 1.69 | 44.66 |
| 2.722 | 20.34 | 59.88 | 1.3  | 6.91 | 46.0  | 1.68 | 44.66 |
| 2.74  | 20.34 | 59.88 | 1.33 | 6.92 | 45.91 | 1.68 | 44.66 |
| 2.759 | 20.34 | 59.88 | 1.22 | 6.92 | 46.3  | 1.8  | 44.66 |
| 2.783 | 20.34 | 59.88 | 1.22 | 6.93 | 46.09 | 1.57 | 44.66 |
| 2.808 | 20.34 | 59.88 | 1.37 | 6.94 | 45.59 | 1.61 | 44.66 |
| 2.832 | 20.34 | 59.88 | 1.33 | 6.93 | 44.94 | 1.55 | 44.66 |
| 2.853 | 20.34 | 59.88 | 1.3  | 6.93 | 45.03 | 1.59 | 44.66 |
| 2.873 | 20.34 | 59.88 | 1.41 | 6.93 | 45.37 | 1.56 | 44.66 |

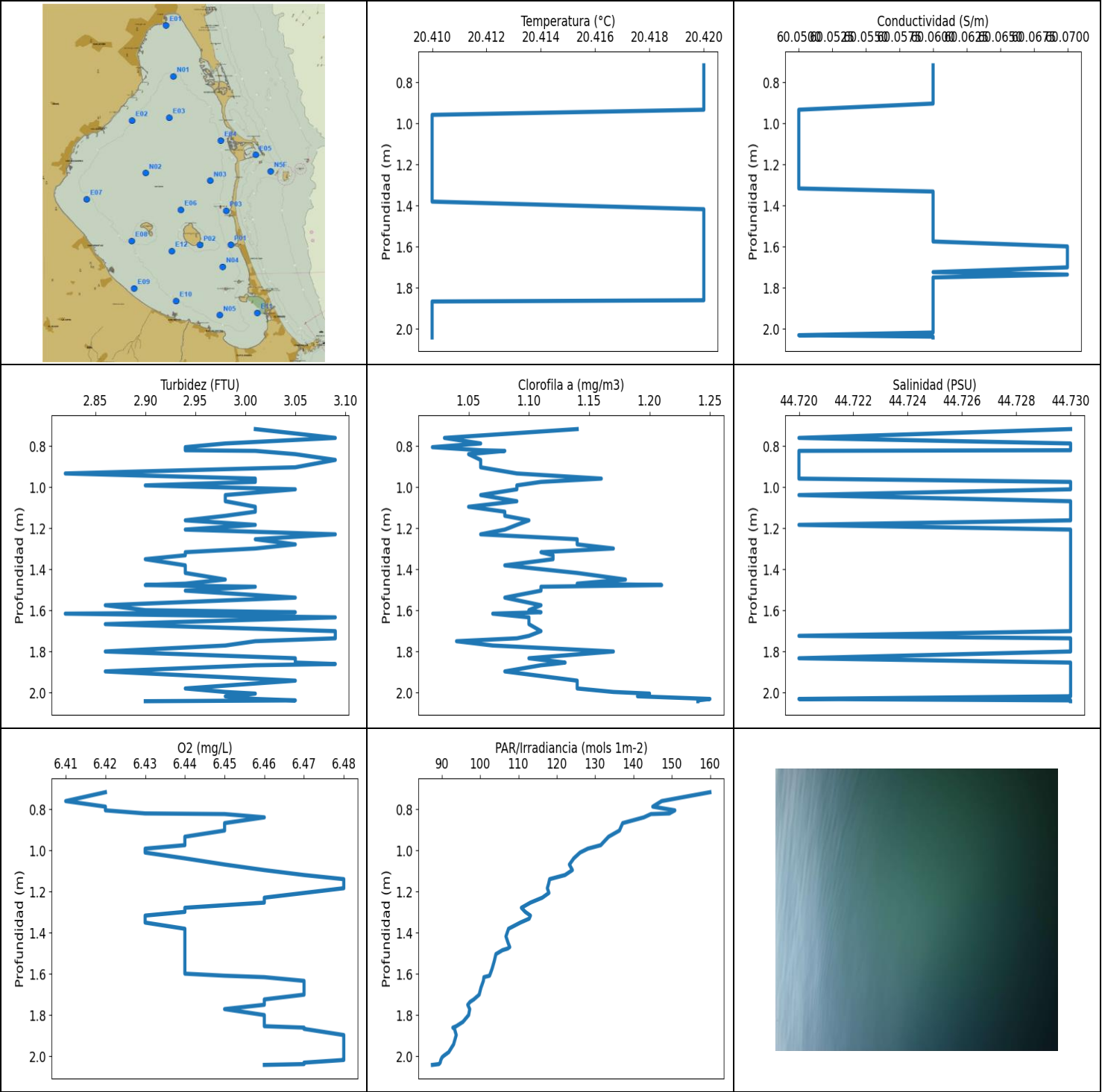
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|-------|-------|-------|------|------|-------|------|-------|
| 2.893 | 20.34 | 59.88 | 1.33 | 6.93 | 45.52 | 1.46 | 44.66 |
| 2.914 | 20.34 | 59.88 | 1.41 | 6.93 | 44.85 | 1.62 | 44.66 |
| 2.933 | 20.34 | 59.88 | 1.37 | 6.94 | 44.03 | 1.66 | 44.66 |
| 2.959 | 20.34 | 59.88 | 1.41 | 6.94 | 43.83 | 1.72 | 44.66 |
| 2.989 | 20.34 | 59.88 | 1.37 | 6.95 | 44.34 | 1.8  | 44.66 |
| 3.017 | 20.34 | 59.88 | 1.49 | 6.95 | 44.66 | 1.77 | 44.66 |
| 3.037 | 20.34 | 59.88 | 1.37 | 6.95 | 44.72 | 1.69 | 44.66 |
| 3.056 | 20.34 | 59.88 | 1.41 | 6.95 | 43.89 | 1.63 | 44.66 |
| 3.077 | 20.34 | 59.88 | 1.49 | 6.94 | 43.29 | 1.85 | 44.66 |
| 3.1   | 20.33 | 59.87 | 1.37 | 6.94 | 43.38 | 1.59 | 44.66 |
| 3.124 | 20.33 | 59.88 | 1.3  | 6.93 | 43.83 | 1.67 | 44.66 |
| 3.151 | 20.33 | 59.88 | 1.3  | 6.92 | 44.0  | 1.8  | 44.66 |
| 3.179 | 20.33 | 59.87 | 1.45 | 6.91 | 44.0  | 1.65 | 44.66 |
| 3.204 | 20.33 | 59.87 | 1.41 | 6.91 | 43.51 | 1.53 | 44.66 |
| 3.22  | 20.33 | 59.87 | 1.41 | 6.91 | 43.03 | 1.66 | 44.66 |
| 3.235 | 20.33 | 59.87 | 1.41 | 6.92 | 42.96 | 1.57 | 44.66 |
| 3.259 | 20.33 | 59.87 | 1.49 | 6.92 | 43.42 | 1.46 | 44.66 |
| 3.295 | 20.33 | 59.88 | 1.33 | 6.92 | 43.79 | 1.53 | 44.66 |
| 3.327 | 20.33 | 59.88 | 1.37 | 6.93 | 43.7  | 1.59 | 44.66 |
| 3.344 | 20.34 | 59.88 | 1.3  | 6.93 | 43.43 | 1.51 | 44.66 |
| 3.35  | 20.34 | 59.88 | 1.22 | 6.93 | 43.27 | 1.59 | 44.66 |
| 3.363 | 20.34 | 59.88 | 1.49 | 6.94 | 43.27 | 1.59 | 44.66 |
| 3.393 | 20.34 | 59.88 | 1.37 | 6.94 | 43.35 | 1.5  | 44.66 |
| 3.433 | 20.34 | 59.88 | 1.14 | 6.95 | 43.31 | 1.54 | 44.66 |
| 3.462 | 20.34 | 59.88 | 1.45 | 6.95 | 43.58 | 1.68 | 44.66 |
| 3.473 | 20.33 | 59.88 | 1.45 | 6.96 | 43.61 | 1.66 | 44.66 |
| 3.477 | 20.33 | 59.88 | 1.33 | 6.95 | 43.53 | 1.57 | 44.66 |
| 3.494 | 20.34 | 59.89 | 1.3  | 6.95 | 43.68 | 1.57 | 44.67 |
| 3.527 | 20.34 | 59.99 | 1.3  | 6.94 | 43.98 | 1.51 | 44.74 |
| 3.561 | 20.36 | 60.05 | 1.45 | 6.93 | 45.0  | 1.55 | 44.77 |
| 3.581 | 20.39 | 60.01 | 1.45 | 6.93 | 44.22 | 1.57 | 44.71 |
| 3.593 | 20.4  | 60.01 | 1.37 | 6.93 | 43.92 | 1.5  | 44.7  |
| 3.605 | 20.4  | 60.01 | 1.3  | 6.94 | 44.21 | 1.5  | 44.7  |
| 3.625 | 20.4  | 60.03 | 1.3  | 6.95 | 45.12 | 1.45 | 44.72 |
| 3.651 | 20.4  | 60.11 | 1.33 | 6.96 | 45.06 | 1.62 | 44.78 |
| 3.682 | 20.42 | 60.17 | 1.53 | 6.96 | 45.52 | 1.67 | 44.82 |
| 3.706 | 20.45 | 60.19 | 1.22 | 6.97 | 45.73 | 1.74 | 44.8  |
| 3.723 | 20.46 | 60.17 | 1.37 | 6.98 | 46.32 | 1.79 | 44.77 |
| 3.732 | 20.46 | 60.16 | 1.22 | 6.98 | 46.01 | 1.85 | 44.76 |
| 3.745 | 20.46 | 60.16 | 1.45 | 6.98 | 45.41 | 1.75 | 44.77 |
| 3.768 | 20.45 | 60.19 | 1.41 | 6.99 | 45.8  | 1.69 | 44.8  |
| 3.799 | 20.46 | 60.35 | 1.41 | 6.99 | 46.19 | 1.8  | 44.92 |
| 3.826 | 20.49 | 60.4  | 1.3  | 6.99 | 46.15 | 1.85 | 44.94 |
| 3.841 | 20.51 | 60.34 | 1.37 | 7.0  | 46.42 | 2.01 | 44.86 |
| 3.855 | 20.51 | 60.37 | 1.41 | 7.01 | 45.73 | 1.82 | 44.88 |
| 3.873 | 20.51 | 60.36 | 1.33 | 7.03 | 46.12 | 1.79 | 44.88 |
| 3.898 | 20.51 | 60.48 | 1.53 | 7.05 | 48.29 | 1.77 | 44.98 |
| 3.92  | 20.52 | 60.52 | 1.37 | 7.07 | 45.14 | 1.81 | 45.01 |
| 3.934 | 20.53 | 60.48 | 1.37 | 7.1  | 44.74 | 1.8  | 44.96 |
| 3.954 | 20.53 | 60.51 | 1.45 | 7.13 | 46.14 | 1.74 | 44.98 |
| 3.988 | 20.54 | 60.57 | 1.41 | 7.15 | 46.61 | 1.82 | 45.03 |
| 4.027 | 20.54 | 60.63 | 1.3  | 7.17 | 46.35 | 1.68 | 45.08 |
| 4.053 | 20.54 | 60.63 | 1.41 | 7.2  | 46.84 | 1.66 | 45.07 |
| 4.067 | 20.54 | 60.61 | 1.26 | 7.21 | 44.51 | 1.69 | 45.06 |
| 4.077 | 20.54 | 60.62 | 1.41 | 7.22 | 43.78 | 1.79 | 45.07 |
| 4.093 | 20.54 | 60.62 | 1.49 | 7.24 | 45.05 | 1.69 | 45.07 |
| 4.116 | 20.54 | 60.64 | 1.49 | 7.26 | 46.34 | 1.79 | 45.08 |
| 4.142 | 20.54 | 60.64 | 1.45 | 7.27 | 44.19 | 1.75 | 45.09 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.168 | 20.53 | 60.64 | 1.37 | 7.28 | 42.95 | 1.75 | 45.09 |
| 4.19  | 20.53 | 60.64 | 1.53 | 7.28 | 44.15 | 1.85 | 45.1  |
| 4.208 | 20.52 | 60.64 | 1.41 | 7.28 | 43.74 | 1.77 | 45.11 |
| 4.223 | 20.51 | 60.64 | 1.33 | 7.27 | 43.29 | 1.75 | 45.12 |
| 4.243 | 20.51 | 60.64 | 1.3  | 7.24 | 43.91 | 1.69 | 45.12 |
| 4.265 | 20.5  | 60.64 | 1.33 | 7.21 | 43.19 | 1.81 | 45.13 |
| 4.285 | 20.5  | 60.64 | 1.22 | 7.17 | 42.35 | 1.81 | 45.13 |
| 4.298 | 20.5  | 60.64 | 1.37 | 7.11 | 42.52 | 1.83 | 45.13 |
| 4.304 | 20.49 | 60.64 | 1.37 | 7.06 | 42.77 | 1.99 | 45.14 |
| 4.316 | 20.49 | 60.64 | 1.3  | 7.0  | 44.32 | 1.92 | 45.14 |
| 4.342 | 20.49 | 60.64 | 1.26 | 6.96 | 42.08 | 1.92 | 45.14 |
| 4.37  | 20.49 | 60.64 | 1.33 | 6.91 | 41.66 | 1.8  | 45.14 |
| 4.39  | 20.49 | 60.64 | 1.37 | 6.88 | 41.34 | 1.8  | 45.14 |
| 4.402 | 20.49 | 60.64 | 1.33 | 6.85 | 43.3  | 1.72 | 45.14 |
| 4.414 | 20.49 | 60.64 | 1.33 | 6.84 | 42.84 | 1.74 | 45.14 |
| 4.432 | 20.49 | 60.64 | 1.37 | 6.83 | 40.86 | 1.73 | 45.14 |
| 4.458 | 20.49 | 60.64 | 1.3  | 6.84 | 41.06 | 1.69 | 45.14 |
| 4.483 | 20.49 | 60.64 | 1.22 | 6.85 | 41.97 | 1.63 | 45.14 |
| 4.507 | 20.48 | 60.64 | 1.22 | 6.86 | 40.29 | 1.55 | 45.14 |
| 4.525 | 20.48 | 60.64 | 1.18 | 6.87 | 40.3  | 1.68 | 45.14 |
| 4.541 | 20.48 | 60.64 | 1.37 | 6.87 | 40.97 | 1.69 | 45.14 |
| 4.556 | 20.48 | 60.64 | 1.3  | 6.88 | 41.59 | 1.57 | 45.14 |
| 4.574 | 20.48 | 60.64 | 1.18 | 6.87 | 39.14 | 1.59 | 45.14 |
| 4.596 | 20.48 | 60.64 | 1.33 | 6.86 | 38.96 | 1.54 | 45.14 |
| 4.615 | 20.48 | 60.64 | 1.33 | 6.85 | 40.17 | 1.59 | 45.14 |
| 4.633 | 20.48 | 60.64 | 1.37 | 6.85 | 40.79 | 1.45 | 45.14 |
| 4.651 | 20.48 | 60.64 | 1.3  | 6.85 | 39.37 | 1.65 | 45.14 |
| 4.678 | 20.48 | 60.64 | 1.37 | 6.85 | 37.62 | 1.56 | 45.15 |
| 4.709 | 20.48 | 60.64 | 1.56 | 6.85 | 38.02 | 1.51 | 45.14 |
| 4.73  | 20.48 | 60.64 | 1.49 | 6.85 | 39.59 | 1.5  | 45.15 |
| 4.745 | 20.48 | 60.64 | 1.41 | 6.85 | 40.73 | 1.45 | 45.15 |
| 4.762 | 20.48 | 60.64 | 1.45 | 6.85 | 38.23 | 1.53 | 45.15 |
| 4.789 | 20.48 | 60.64 | 1.37 | 6.85 | 37.22 | 1.52 | 45.15 |
| 4.822 | 20.48 | 60.64 | 1.37 | 6.85 | 36.88 | 1.56 | 45.15 |
| 4.851 | 20.48 | 60.64 | 1.45 | 6.84 | 37.56 | 1.53 | 45.15 |
| 4.865 | 20.48 | 60.64 | 1.53 | 6.83 | 38.12 | 1.53 | 45.15 |
| 4.872 | 20.48 | 60.64 | 1.49 | 6.83 | 37.43 | 1.51 | 45.15 |
| 4.886 | 20.48 | 60.64 | 1.37 | 6.83 | 36.73 | 1.5  | 45.15 |
| 4.914 | 20.48 | 60.64 | 1.56 | 6.84 | 36.17 | 1.63 | 45.15 |
| 4.945 | 20.48 | 60.64 | 1.53 | 6.85 | 36.27 | 1.56 | 45.15 |
| 4.97  | 20.48 | 60.64 | 1.53 | 6.85 | 36.85 | 1.53 | 45.15 |
| 4.982 | 20.48 | 60.64 | 1.49 | 6.85 | 36.56 | 1.45 | 45.15 |
| 4.992 | 20.48 | 60.64 | 1.53 | 6.86 | 36.29 | 1.56 | 45.14 |
| 5.009 | 20.48 | 60.64 | 1.45 | 6.87 | 35.7  | 1.54 | 45.14 |
| 5.035 | 20.48 | 60.64 | 1.56 | 6.86 | 35.26 | 1.57 | 45.14 |
| 5.062 | 20.48 | 60.64 | 1.45 | 6.86 | 35.28 | 1.59 | 45.14 |
| 5.082 | 20.48 | 60.64 | 1.56 | 6.85 | 35.48 | 1.57 | 45.15 |
| 5.098 | 20.48 | 60.64 | 1.41 | 6.85 | 35.82 | 1.63 | 45.15 |
| 5.115 | 20.48 | 60.64 | 1.56 | 6.85 | 35.23 | 1.52 | 45.15 |
| 5.137 | 20.48 | 60.64 | 1.45 | 6.85 | 34.64 | 1.53 | 45.15 |
| 5.159 | 20.48 | 60.64 | 1.49 | 6.85 | 34.47 | 1.57 | 45.15 |
| 5.175 | 20.48 | 60.64 | 1.68 | 6.86 | 34.89 | 1.52 | 45.15 |
| 5.188 | 20.48 | 60.64 | 1.72 | 6.87 | 34.44 | 1.56 | 45.15 |
| 5.206 | 20.48 | 60.64 | 1.6  | 6.87 | 34.24 | 1.61 | 45.15 |
| 5.231 | 20.48 | 60.64 | 1.56 | 6.88 | 34.02 | 1.59 | 45.15 |
| 5.256 | 20.48 | 60.64 | 1.6  | 6.87 | 33.8  | 1.59 | 45.15 |
| 5.277 | 20.48 | 60.63 | 1.41 | 6.87 | 33.34 | 1.62 | 45.14 |
| 5.295 | 20.48 | 60.63 | 1.64 | 6.86 | 33.52 | 1.53 | 45.14 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 5.313 | 20.48 | 60.64 | 1.6  | 6.85 | 33.72 | 1.53 | 45.15 |
| 5.332 | 20.48 | 60.64 | 1.33 | 6.86 | 33.21 | 1.65 | 45.15 |
| 5.348 | 20.48 | 60.64 | 1.6  | 6.85 | 32.72 | 1.6  | 45.15 |
| 5.362 | 20.48 | 60.64 | 1.56 | 6.85 | 32.66 | 1.53 | 45.15 |
| 5.377 | 20.48 | 60.64 | 1.45 | 6.85 | 32.6  | 1.53 | 45.15 |
| 5.403 | 20.48 | 60.64 | 1.41 | 6.85 | 32.39 | 1.6  | 45.15 |
| 5.43  | 20.48 | 60.64 | 1.56 | 6.85 | 32.42 | 1.5  | 45.15 |
| 5.45  | 20.48 | 60.64 | 1.56 | 6.86 | 32.63 | 1.52 | 45.15 |
| 5.461 | 20.48 | 60.64 | 1.49 | 6.86 | 32.03 | 1.5  | 45.15 |
| 5.47  | 20.48 | 60.64 | 1.56 | 6.85 | 31.6  | 1.52 | 45.15 |
| 5.487 | 20.48 | 60.64 | 1.53 | 6.85 | 31.46 | 1.5  | 45.15 |
| 5.509 | 20.48 | 60.64 | 1.6  | 6.86 | 31.82 | 1.82 | 45.15 |
| 5.533 | 20.48 | 60.64 | 1.49 | 6.85 | 31.46 | 1.6  | 45.15 |
| 5.551 | 20.48 | 60.64 | 1.68 | 6.85 | 30.84 | 1.53 | 45.15 |
| 5.566 | 20.48 | 60.64 | 1.56 | 6.84 | 30.69 | 1.48 | 45.14 |
| 5.585 | 20.48 | 60.64 | 1.68 | 6.84 | 30.9  | 1.62 | 45.15 |
| 5.605 | 20.48 | 60.64 | 1.37 | 6.84 | 31.0  | 1.66 | 45.15 |
| 5.623 | 20.48 | 60.64 | 1.45 | 6.84 | 30.43 | 1.54 | 45.15 |
| 5.635 | 20.48 | 60.64 | 1.6  | 6.84 | 30.22 | 1.45 | 45.15 |
| 5.648 | 20.48 | 60.64 | 1.64 | 6.84 | 30.1  | 1.53 | 45.15 |
| 5.666 | 20.48 | 60.64 | 1.6  | 6.84 | 29.95 | 1.51 | 45.15 |
| 5.689 | 20.48 | 60.64 | 1.56 | 6.84 | 29.95 | 1.52 | 45.15 |
| 5.713 | 20.48 | 60.64 | 1.56 | 6.84 | 29.96 | 1.41 | 45.15 |
| 5.731 | 20.48 | 60.64 | 1.56 | 6.84 | 29.65 | 1.49 | 45.14 |
| 5.741 | 20.48 | 60.64 | 1.56 | 6.84 | 29.16 | 1.57 | 45.15 |
| 5.751 | 20.48 | 60.64 | 1.64 | 6.85 | 29.21 | 1.59 | 45.14 |
| 5.768 | 20.48 | 60.64 | 1.64 | 6.85 | 29.52 | 1.57 | 45.15 |
| 5.791 | 20.48 | 60.64 | 1.49 | 6.86 | 29.24 | 1.59 | 45.15 |
| 5.817 | 20.48 | 60.64 | 1.41 | 6.86 | 28.59 | 1.71 | 45.15 |
| 5.835 | 20.48 | 60.63 | 1.45 | 6.87 | 28.41 | 1.5  | 45.14 |
| 5.847 | 20.48 | 60.64 | 1.45 | 6.87 | 28.69 | 1.57 | 45.15 |
| 5.858 | 20.48 | 60.64 | 1.56 | 6.87 | 28.63 | 1.75 | 45.15 |
| 5.874 | 20.48 | 60.64 | 1.53 | 6.87 | 28.19 | 1.57 | 45.15 |
| 5.895 | 20.48 | 60.64 | 1.49 | 6.86 | 27.91 | 1.5  | 45.15 |
| 5.918 | 20.48 | 60.63 | 1.68 | 6.86 | 27.91 | 1.5  | 45.14 |
| 5.941 | 20.48 | 60.64 | 1.53 | 6.85 | 27.82 | 1.55 | 45.15 |
| 5.959 | 20.48 | 60.64 | 1.53 | 6.85 | 27.58 | 1.54 | 45.15 |
| 5.973 | 20.48 | 60.64 | 1.64 | 6.84 | 27.45 | 1.5  | 45.15 |
| 5.984 | 20.48 | 60.64 | 1.49 | 6.84 | 27.41 | 1.55 | 45.14 |
| 5.995 | 20.48 | 60.64 | 1.53 | 6.84 | 27.27 | 1.51 | 45.15 |
| 6.015 | 20.48 | 60.64 | 1.53 | 6.84 | 27.0  | 1.46 | 45.14 |
| 6.041 | 20.48 | 60.64 | 1.53 | 6.84 | 26.76 | 1.5  | 45.15 |
| 6.07  | 20.48 | 60.63 | 1.6  | 6.83 | 26.69 | 1.56 | 45.14 |
| 6.089 | 20.48 | 60.64 | 1.56 | 6.83 | 26.67 | 1.52 | 45.15 |
| 6.097 | 20.48 | 60.64 | 1.53 | 6.83 | 26.5  | 1.52 | 45.15 |
| 6.103 | 20.48 | 60.64 | 1.56 | 6.84 | 26.29 | 1.51 | 45.15 |
| 6.117 | 20.48 | 60.64 | 1.6  | 6.83 | 26.19 | 1.56 | 45.14 |
| 6.143 | 20.48 | 60.63 | 1.6  | 6.84 | 26.16 | 1.54 | 45.14 |
| 6.169 | 20.48 | 60.64 | 1.56 | 6.84 | 25.8  | 1.69 | 45.15 |
| 6.193 | 20.48 | 60.63 | 1.56 | 6.84 | 25.46 | 1.56 | 45.14 |
| 6.209 | 20.48 | 60.64 | 1.53 | 6.85 | 25.5  | 1.52 | 45.15 |
| 6.221 | 20.48 | 60.63 | 1.49 | 6.85 | 25.62 | 1.56 | 45.14 |
| 6.234 | 20.48 | 60.64 | 1.72 | 6.85 | 25.57 | 1.56 | 45.15 |
| 6.252 | 20.48 | 60.64 | 1.68 | 6.85 | 25.21 | 1.56 | 45.15 |
| 6.274 | 20.48 | 60.64 | 1.64 | 6.85 | 24.81 | 1.61 | 45.15 |
| 6.297 | 20.48 | 60.64 | 1.53 | 6.85 | 24.68 | 1.66 | 45.15 |
| 6.318 | 20.48 | 60.64 | 1.56 | 6.84 | 24.69 | 1.59 | 45.15 |
| 6.331 | 20.48 | 60.64 | 1.56 | 6.84 | 24.77 | 1.59 | 45.15 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 6.344 | 20.48 | 60.64 | 1.49 | 6.83 | 24.5  | 1.56 | 45.15 |
| 6.36  | 20.48 | 60.64 | 1.68 | 6.82 | 24.17 | 1.62 | 45.14 |
| 6.383 | 20.48 | 60.64 | 1.68 | 6.81 | 24.0  | 1.79 | 45.14 |
| 6.398 | 20.48 | 60.64 | 1.49 | 6.81 | 23.98 | 1.87 | 45.14 |
| 6.403 | 20.48 | 60.64 | 1.53 | 6.82 | 23.94 | 1.95 | 45.14 |
| 6.404 | 20.48 | 60.64 | 1.49 | 6.82 | 23.94 | 1.9  | 45.14 |
| 6.405 | 20.48 | 60.64 | 1.49 | 6.83 | 24.03 | 1.88 | 45.14 |





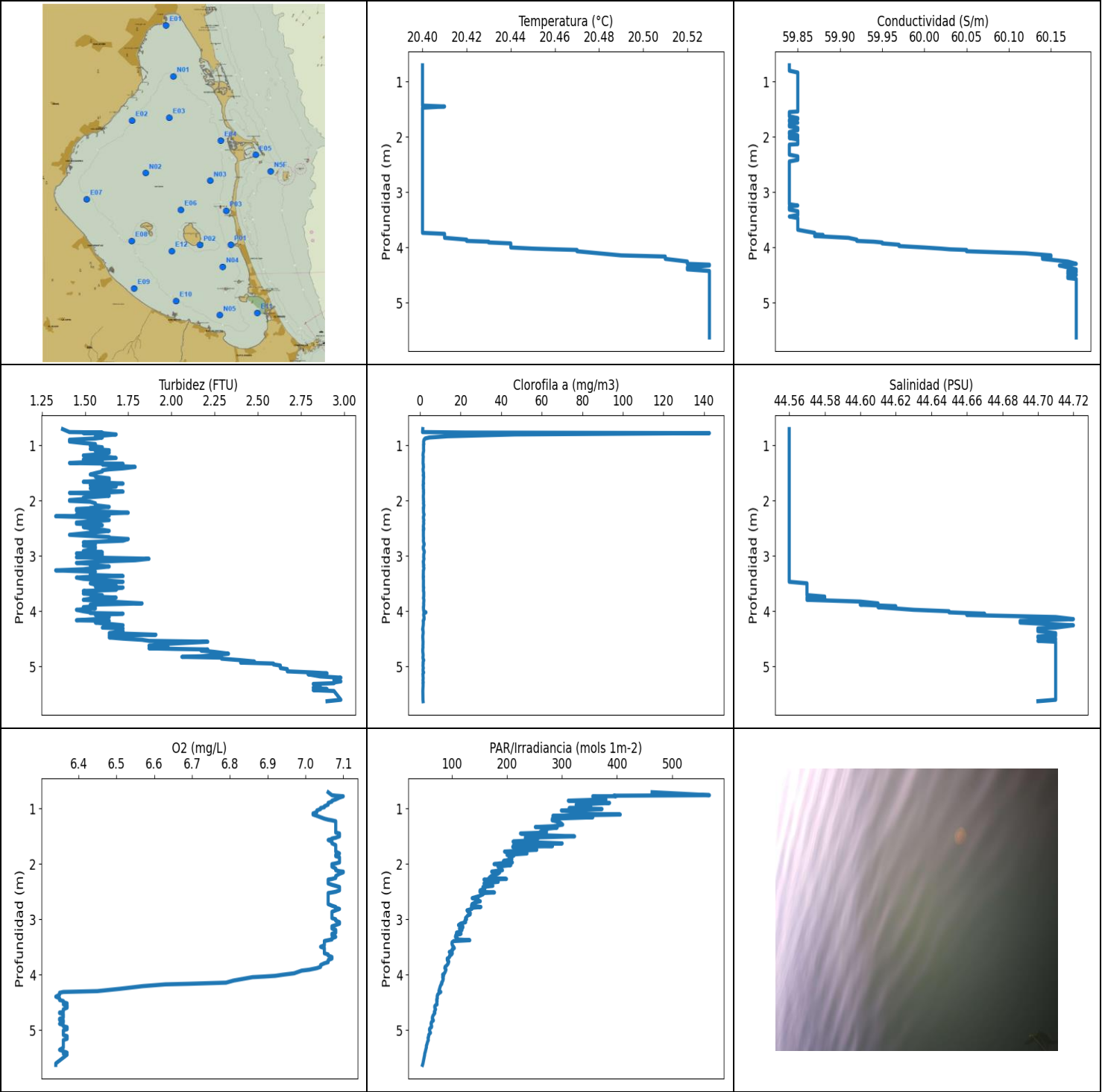
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.41      | 60.05               | 2.82           | 6.41           | 87.55                       | 1.02              | 44.72           |
| PROF (metros)                                                                | 0.959      | 0.934               | 0.934          | 0.761          | 2.042                       | 0.806             | 0.761           |
| MÁXIMO                                                                       | 20.42      | 20.42               | 3.09           | 6.48           | 159.95                      | 1.25              | 44.73           |
| PROF (metros)                                                                | 0.718      | 1.599               | 0.761          | 1.14           | 0.718                       | 2.031             | 0.718           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E01 - Punto 005                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.42      | 60.06               | 2.99           | 6.43           | 141.44                      | 1.08              | 44.72           |
| 1 - 2m                                                     | 20.42      | 60.06               | 2.98           | 6.46           | 106.17                      | 1.11              | 44.73           |
| 2 - 3m                                                     | 20.41      | 60.06               | 2.99           | 6.47           | 89.24                       | 1.22              | 44.73           |

| 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) |
| 0.718                                                          | 20.42      | 60.06               | 3.01           | 6.42           | 159.95                      | 1.14              | 44.73           |
| 0.761                                                          | 20.42      | 60.06               | 3.09           | 6.41           | 147.38                      | 1.03              | 44.72           |
| 0.788                                                          | 20.42      | 60.06               | 2.98           | 6.42           | 145.04                      | 1.06              | 44.73           |
| 0.806                                                          | 20.42      | 60.06               | 2.94           | 6.42           | 150.8                       | 1.02              | 44.73           |
| 0.821                                                          | 20.42      | 60.06               | 2.94           | 6.43           | 149.37                      | 1.06              | 44.73           |
| 0.824                                                          | 20.42      | 60.06               | 3.01           | 6.45           | 144.57                      | 1.08              | 44.72           |
| 0.84                                                           | 20.42      | 60.06               | 3.05           | 6.46           | 142.71                      | 1.05              | 44.72           |
| 0.868                                                          | 20.42      | 60.06               | 3.09           | 6.45           | 137.19                      | 1.06              | 44.72           |
| 0.904                                                          | 20.42      | 60.06               | 3.05           | 6.45           | 136.34                      | 1.06              | 44.72           |
| 0.934                                                          | 20.42      | 60.05               | 2.82           | 6.44           | 133.52                      | 1.09              | 44.72           |
| 0.959                                                          | 20.41      | 60.05               | 3.01           | 6.44           | 132.26                      | 1.16              | 44.72           |
| 0.975                                                          | 20.41      | 60.05               | 3.01           | 6.44           | 131.47                      | 1.11              | 44.73           |
| 0.992                                                          | 20.41      | 60.05               | 2.9            | 6.43           | 128.1                       | 1.09              | 44.73           |
| 1.011                                                          | 20.41      | 60.05               | 3.05           | 6.43           | 126.07                      | 1.09              | 44.73           |
| 1.039                                                          | 20.41      | 60.05               | 2.98           | 6.44           | 124.44                      | 1.06              | 44.72           |
| 1.069                                                          | 20.41      | 60.05               | 2.98           | 6.45           | 123.29                      | 1.09              | 44.73           |
| 1.096                                                          | 20.41      | 60.05               | 3.01           | 6.46           | 124.07                      | 1.05              | 44.73           |
| 1.12                                                           | 20.41      | 60.05               | 3.01           | 6.47           | 122.15                      | 1.08              | 44.73           |
| 1.14                                                           | 20.41      | 60.05               | 2.98           | 6.48           | 118.14                      | 1.08              | 44.73           |
| 1.162                                                          | 20.41      | 60.05               | 2.94           | 6.48           | 117.87                      | 1.1               | 44.73           |
| 1.184                                                          | 20.41      | 60.05               | 3.01           | 6.48           | 117.54                      | 1.09              | 44.72           |
| 1.207                                                          | 20.41      | 60.05               | 2.94           | 6.47           | 117.95                      | 1.08              | 44.73           |
| 1.23                                                           | 20.41      | 60.05               | 3.09           | 6.46           | 116.22                      | 1.06              | 44.73           |
| 1.254                                                          | 20.41      | 60.05               | 3.01           | 6.46           | 113.13                      | 1.14              | 44.73           |
| 1.279                                                          | 20.41      | 60.05               | 3.05           | 6.44           | 110.77                      | 1.14              | 44.73           |
| 1.299                                                          | 20.41      | 60.05               | 3.01           | 6.44           | 111.78                      | 1.17              | 44.73           |
| 1.317                                                          | 20.41      | 60.05               | 2.94           | 6.43           | 113.13                      | 1.11              | 44.73           |
| 1.332                                                          | 20.41      | 60.06               | 2.94           | 6.43           | 112.79                      | 1.12              | 44.73           |
| 1.351                                                          | 20.41      | 60.06               | 2.9            | 6.43           | 110.49                      | 1.12              | 44.73           |
| 1.381                                                          | 20.41      | 60.06               | 2.94           | 6.44           | 107.41                      | 1.08              | 44.73           |
| 1.418                                                          | 20.42      | 60.06               | 2.94           | 6.44           | 106.74                      | 1.14              | 44.73           |
| 1.45                                                           | 20.42      | 60.06               | 2.98           | 6.44           | 107.31                      | 1.18              | 44.73           |
| 1.47                                                           | 20.42      | 60.06               | 2.94           | 6.44           | 107.73                      | 1.14              | 44.73           |
| 1.477                                                          | 20.42      | 60.06               | 2.9            | 6.44           | 107.19                      | 1.21              | 44.73           |
| 1.485                                                          | 20.42      | 60.06               | 3.01           | 6.44           | 105.83                      | 1.11              | 44.73           |
| 1.504                                                          | 20.42      | 60.06               | 2.94           | 6.44           | 104.12                      | 1.11              | 44.73           |
| 1.538                                                          | 20.42      | 60.06               | 3.05           | 6.44           | 103.69                      | 1.08              | 44.73           |
| 1.575                                                          | 20.42      | 60.06               | 2.86           | 6.44           | 103.12                      | 1.11              | 44.73           |
| 1.599                                                          | 20.42      | 60.07               | 2.9            | 6.44           | 102.66                      | 1.1               | 44.73           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.609 | 20.42 | 60.07 | 3.05 | 6.45 | 102.45 | 1.11 | 44.73 |
| 1.616 | 20.42 | 60.07 | 2.82 | 6.46 | 100.99 | 1.07 | 44.73 |
| 1.634 | 20.42 | 60.07 | 3.09 | 6.47 | 100.85 | 1.1  | 44.73 |
| 1.667 | 20.42 | 60.07 | 2.86 | 6.47 | 100.22 | 1.1  | 44.73 |
| 1.701 | 20.42 | 60.07 | 3.09 | 6.47 | 99.75  | 1.11 | 44.73 |
| 1.724 | 20.42 | 60.06 | 3.09 | 6.46 | 98.35  | 1.1  | 44.72 |
| 1.736 | 20.42 | 60.07 | 3.09 | 6.46 | 97.38  | 1.09 | 44.73 |
| 1.75  | 20.42 | 60.06 | 3.01 | 6.46 | 96.77  | 1.04 | 44.73 |
| 1.771 | 20.42 | 60.06 | 2.98 | 6.45 | 97.29  | 1.07 | 44.73 |
| 1.8   | 20.42 | 60.06 | 2.86 | 6.46 | 97.0   | 1.17 | 44.73 |
| 1.833 | 20.42 | 60.06 | 3.05 | 6.46 | 95.52  | 1.1  | 44.72 |
| 1.854 | 20.42 | 60.06 | 3.05 | 6.46 | 93.77  | 1.13 | 44.73 |
| 1.861 | 20.42 | 60.06 | 3.09 | 6.47 | 92.88  | 1.12 | 44.73 |
| 1.867 | 20.41 | 60.06 | 3.01 | 6.47 | 93.31  | 1.11 | 44.73 |
| 1.897 | 20.41 | 60.06 | 2.86 | 6.48 | 93.77  | 1.08 | 44.73 |
| 1.942 | 20.41 | 60.06 | 3.05 | 6.48 | 93.08  | 1.14 | 44.73 |
| 1.98  | 20.41 | 60.06 | 2.94 | 6.48 | 91.81  | 1.14 | 44.73 |
| 1.997 | 20.41 | 60.06 | 2.98 | 6.48 | 90.56  | 1.17 | 44.73 |
| 2.005 | 20.41 | 60.06 | 3.01 | 6.48 | 90.08  | 1.2  | 44.73 |
| 2.018 | 20.41 | 60.06 | 2.98 | 6.48 | 89.75  | 1.19 | 44.73 |
| 2.031 | 20.41 | 60.05 | 3.01 | 6.47 | 89.58  | 1.25 | 44.72 |
| 2.038 | 20.41 | 60.06 | 3.05 | 6.47 | 89.25  | 1.24 | 44.73 |
| 2.042 | 20.41 | 60.06 | 2.9  | 6.46 | 87.55  | 1.24 | 44.73 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.4       | 59.84               | 1.33           | 6.34           | 46.2                        | 1.18              | 44.56           |
| PROF (metros)                                                                | 0.704      | 0.704               | 2.282          | 4.398          | 5.631                       | 0.758             | 0.704           |
| MÁXIMO                                                                       | 20.53      | 20.53               | 2.98           | 7.1            | 568.17                      | 142.69            | 44.72           |
| PROF (metros)                                                                | 4.313      | 4.298               | 5.205          | 0.776          | 0.758                       | 0.777             | 4.145           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N01 - Punto 006                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.4       | 59.85               | 1.52           | 7.07           | 380.57                      | 26.83             | 44.56           |
| 1 - 2m                                                     | 20.4       | 59.85               | 1.59           | 7.07           | 261.52                      | 1.6               | 44.56           |
| 2 - 3m                                                     | 20.4       | 59.84               | 1.55           | 7.07           | 157.79                      | 1.72              | 44.56           |
| 3 - 4m                                                     | 20.41      | 59.87               | 1.57           | 7.05           | 102.93                      | 1.7               | 44.57           |
| 4 - 5m                                                     | 20.52      | 60.16               | 1.94           | 6.46           | 71.63                       | 1.52              | 44.7            |
| 5 - 6m                                                     | 20.53      | 60.18               | 2.84           | 6.36           | 54.44                       | 1.45              | 44.71           |

| OBSERVACIONES GENERALES                                                                    |
|--------------------------------------------------------------------------------------------|
| CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m con los valores 26.83 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) |
| 0.704                                                          | 20.4       | 59.84               | 1.37           | 7.06           | 463.87                      | 1.3               | 44.56           |
| 0.758                                                          | 20.4       | 59.84               | 1.41           | 7.07           | 568.17                      | 1.18              | 44.56           |
| 0.767                                                          | 20.4       | 59.84               | 1.6            | 7.08           | 393.85                      | 22.26             | 44.56           |
| 0.776                                                          | 20.4       | 59.84               | 1.49           | 7.1            | 398.54                      | 132.11            | 44.56           |
| 0.777                                                          | 20.4       | 59.84               | 1.6            | 7.1            | 355.91                      | 142.69            | 44.56           |
| 0.801                                                          | 20.4       | 59.84               | 1.68           | 7.09           | 368.93                      | 46.73             | 44.56           |
| 0.834                                                          | 20.4       | 59.85               | 1.56           | 7.08           | 379.87                      | 13.45             | 44.56           |
| 0.857                                                          | 20.4       | 59.85               | 1.6            | 7.07           | 311.43                      | 4.5               | 44.56           |
| 0.874                                                          | 20.4       | 59.85               | 1.56           | 7.07           | 358.23                      | 2.49              | 44.56           |
| 0.897                                                          | 20.4       | 59.85               | 1.41           | 7.06           | 386.53                      | 1.92              | 44.56           |
| 0.929                                                          | 20.4       | 59.85               | 1.41           | 7.06           | 325.68                      | 1.73              | 44.56           |
| 0.957                                                          | 20.4       | 59.85               | 1.49           | 7.05           | 351.32                      | 1.74              | 44.56           |
| 0.975                                                          | 20.4       | 59.85               | 1.56           | 7.05           | 352.55                      | 1.84              | 44.56           |
| 0.989                                                          | 20.4       | 59.85               | 1.56           | 7.04           | 313.1                       | 1.66              | 44.56           |
| 1.008                                                          | 20.4       | 59.85               | 1.53           | 7.04           | 372.8                       | 1.71              | 44.56           |
| 1.034                                                          | 20.4       | 59.85               | 1.6            | 7.03           | 298.78                      | 1.69              | 44.56           |
| 1.063                                                          | 20.4       | 59.85               | 1.53           | 7.03           | 328.79                      | 1.69              | 44.56           |
| 1.087                                                          | 20.4       | 59.85               | 1.64           | 7.02           | 316.82                      | 1.75              | 44.56           |
| 1.107                                                          | 20.4       | 59.85               | 1.56           | 7.02           | 405.99                      | 1.69              | 44.56           |
| 1.13                                                           | 20.4       | 59.85               | 1.64           | 7.03           | 283.4                       | 1.56              | 44.56           |
| 1.156                                                          | 20.4       | 59.85               | 1.6            | 7.04           | 356.08                      | 1.46              | 44.56           |
| 1.182                                                          | 20.4       | 59.85               | 1.49           | 7.05           | 282.42                      | 1.42              | 44.56           |
| 1.2                                                            | 20.4       | 59.85               | 1.53           | 7.06           | 292.0                       | 1.56              | 44.56           |
| 1.212                                                          | 20.4       | 59.85               | 1.64           | 7.07           | 282.09                      | 1.57              | 44.56           |
| 1.228                                                          | 20.4       | 59.85               | 1.68           | 7.08           | 289.51                      | 1.5               | 44.56           |
| 1.256                                                          | 20.4       | 59.85               | 1.49           | 7.08           | 297.19                      | 1.48              | 44.56           |
| 1.289                                                          | 20.4       | 59.85               | 1.6            | 7.08           | 301.21                      | 1.44              | 44.56           |
| 1.318                                                          | 20.4       | 59.85               | 1.41           | 7.08           | 285.18                      | 1.45              | 44.56           |
| 1.333                                                          | 20.4       | 59.85               | 1.72           | 7.08           | 251.45                      | 1.46              | 44.56           |
| 1.344                                                          | 20.4       | 59.85               | 1.6            | 7.08           | 291.05                      | 1.6               | 44.56           |
| 1.364                                                          | 20.4       | 59.85               | 1.64           | 7.08           | 271.69                      | 1.57              | 44.56           |
| 1.389                                                          | 20.4       | 59.85               | 1.79           | 7.08           | 272.39                      | 1.66              | 44.56           |
| 1.415                                                          | 20.4       | 59.85               | 1.72           | 7.08           | 260.53                      | 1.55              | 44.56           |
| 1.433                                                          | 20.4       | 59.85               | 1.64           | 7.08           | 271.63                      | 1.42              | 44.56           |
| 1.449                                                          | 20.41      | 59.85               | 1.6            | 7.09           | 224.46                      | 1.49              | 44.56           |

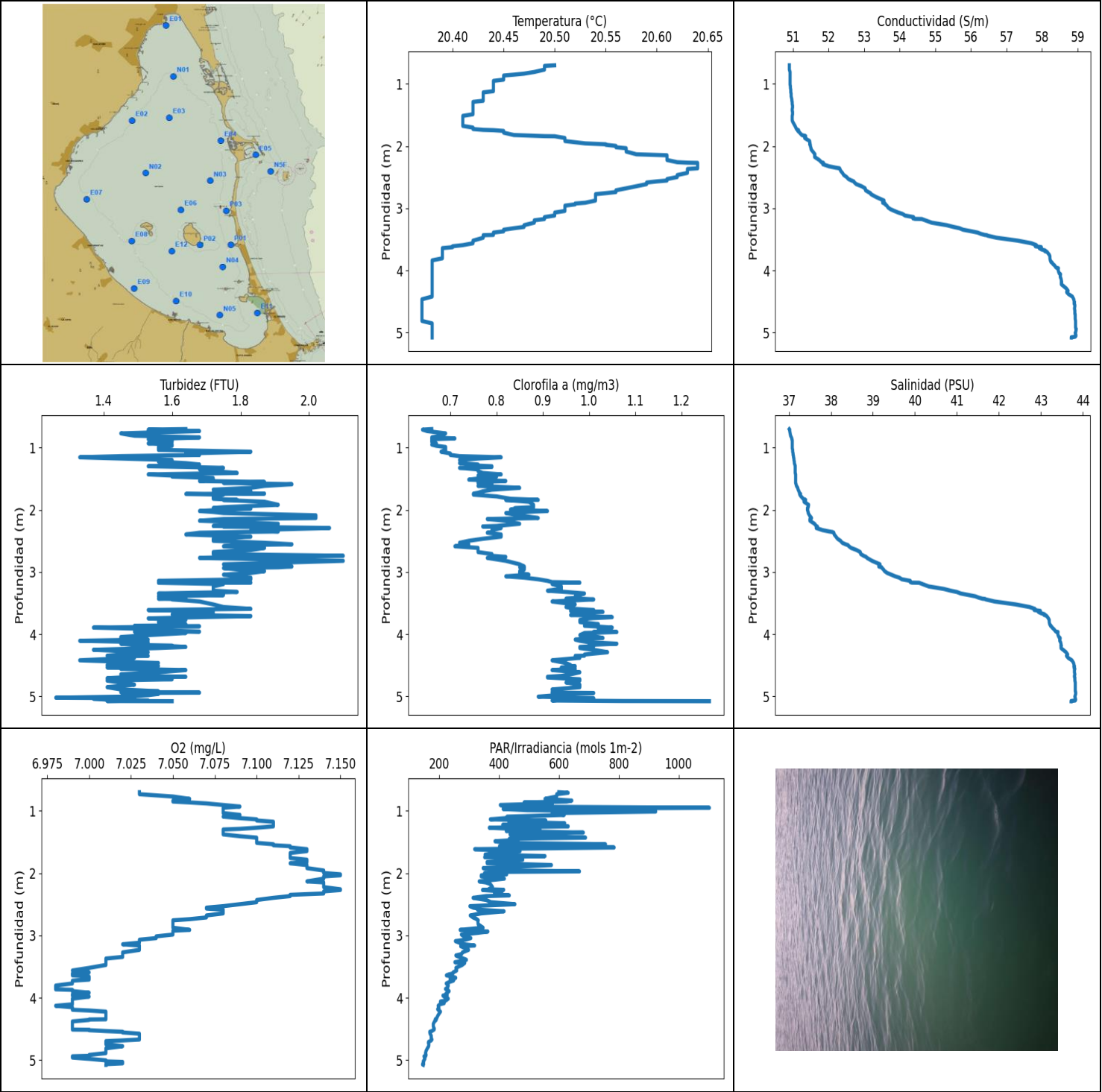
|       |      |       |      |      |        |      |       |
|-------|------|-------|------|------|--------|------|-------|
| 1.472 | 20.4 | 59.85 | 1.6  | 7.09 | 236.2  | 1.53 | 44.56 |
| 1.501 | 20.4 | 59.85 | 1.56 | 7.09 | 322.9  | 1.72 | 44.56 |
| 1.526 | 20.4 | 59.85 | 1.53 | 7.08 | 233.32 | 1.66 | 44.56 |
| 1.54  | 20.4 | 59.85 | 1.56 | 7.07 | 256.28 | 1.5  | 44.56 |
| 1.55  | 20.4 | 59.84 | 1.56 | 7.07 | 251.69 | 1.63 | 44.56 |
| 1.567 | 20.4 | 59.84 | 1.56 | 7.06 | 250.0  | 1.75 | 44.56 |
| 1.596 | 20.4 | 59.84 | 1.64 | 7.07 | 210.94 | 1.69 | 44.56 |
| 1.628 | 20.4 | 59.84 | 1.64 | 7.07 | 300.31 | 1.61 | 44.56 |
| 1.659 | 20.4 | 59.85 | 1.49 | 7.08 | 211.87 | 1.57 | 44.56 |
| 1.678 | 20.4 | 59.85 | 1.64 | 7.08 | 282.68 | 1.69 | 44.56 |
| 1.691 | 20.4 | 59.84 | 1.72 | 7.08 | 210.31 | 1.72 | 44.56 |
| 1.707 | 20.4 | 59.84 | 1.6  | 7.08 | 235.05 | 1.53 | 44.56 |
| 1.721 | 20.4 | 59.84 | 1.53 | 7.08 | 222.75 | 1.48 | 44.56 |
| 1.744 | 20.4 | 59.85 | 1.68 | 7.08 | 254.03 | 1.62 | 44.56 |
| 1.776 | 20.4 | 59.84 | 1.53 | 7.08 | 195.41 | 1.56 | 44.56 |
| 1.81  | 20.4 | 59.84 | 1.56 | 7.09 | 236.31 | 1.71 | 44.56 |
| 1.836 | 20.4 | 59.85 | 1.72 | 7.08 | 199.9  | 1.63 | 44.56 |
| 1.85  | 20.4 | 59.85 | 1.64 | 7.08 | 212.31 | 1.72 | 44.56 |
| 1.859 | 20.4 | 59.85 | 1.41 | 7.08 | 203.12 | 1.71 | 44.56 |
| 1.879 | 20.4 | 59.85 | 1.6  | 7.09 | 208.65 | 1.68 | 44.56 |
| 1.912 | 20.4 | 59.84 | 1.64 | 7.09 | 208.75 | 1.59 | 44.56 |
| 1.946 | 20.4 | 59.84 | 1.49 | 7.09 | 193.56 | 1.6  | 44.56 |
| 1.972 | 20.4 | 59.85 | 1.49 | 7.09 | 209.72 | 1.69 | 44.56 |
| 1.99  | 20.4 | 59.84 | 1.41 | 7.08 | 186.95 | 1.63 | 44.56 |
| 2.003 | 20.4 | 59.85 | 1.41 | 7.07 | 176.38 | 1.67 | 44.56 |
| 2.02  | 20.4 | 59.84 | 1.53 | 7.07 | 206.92 | 1.75 | 44.56 |
| 2.048 | 20.4 | 59.85 | 1.56 | 7.07 | 183.51 | 1.63 | 44.56 |
| 2.083 | 20.4 | 59.85 | 1.56 | 7.08 | 188.47 | 1.84 | 44.56 |
| 2.113 | 20.4 | 59.85 | 1.64 | 7.08 | 191.68 | 1.71 | 44.56 |
| 2.131 | 20.4 | 59.85 | 1.53 | 7.09 | 176.79 | 1.74 | 44.56 |
| 2.139 | 20.4 | 59.84 | 1.53 | 7.1  | 172.02 | 1.59 | 44.56 |
| 2.151 | 20.4 | 59.84 | 1.45 | 7.1  | 186.82 | 1.63 | 44.56 |
| 2.178 | 20.4 | 59.84 | 1.45 | 7.09 | 183.21 | 1.66 | 44.56 |
| 2.218 | 20.4 | 59.84 | 1.75 | 7.08 | 171.26 | 1.68 | 44.56 |
| 2.252 | 20.4 | 59.84 | 1.45 | 7.08 | 167.38 | 1.95 | 44.56 |
| 2.271 | 20.4 | 59.84 | 1.64 | 7.07 | 198.93 | 1.79 | 44.56 |
| 2.282 | 20.4 | 59.84 | 1.33 | 7.06 | 157.96 | 1.67 | 44.56 |
| 2.297 | 20.4 | 59.84 | 1.49 | 7.06 | 161.62 | 1.6  | 44.56 |
| 2.322 | 20.4 | 59.84 | 1.56 | 7.06 | 183.98 | 1.63 | 44.56 |
| 2.352 | 20.4 | 59.85 | 1.64 | 7.06 | 157.99 | 1.84 | 44.56 |
| 2.377 | 20.4 | 59.85 | 1.53 | 7.07 | 170.91 | 1.68 | 44.56 |
| 2.395 | 20.4 | 59.85 | 1.45 | 7.08 | 174.19 | 1.75 | 44.56 |
| 2.416 | 20.4 | 59.85 | 1.45 | 7.09 | 156.14 | 1.81 | 44.56 |
| 2.444 | 20.4 | 59.84 | 1.6  | 7.09 | 159.65 | 1.63 | 44.56 |
| 2.477 | 20.4 | 59.84 | 1.49 | 7.09 | 150.94 | 1.57 | 44.56 |
| 2.502 | 20.4 | 59.84 | 1.53 | 7.08 | 150.66 | 1.81 | 44.56 |
| 2.515 | 20.4 | 59.84 | 1.53 | 7.07 | 177.12 | 1.82 | 44.56 |
| 2.526 | 20.4 | 59.84 | 1.6  | 7.06 | 155.85 | 1.56 | 44.56 |
| 2.547 | 20.4 | 59.84 | 1.64 | 7.06 | 156.46 | 1.61 | 44.56 |
| 2.581 | 20.4 | 59.84 | 1.53 | 7.06 | 149.13 | 1.63 | 44.56 |
| 2.618 | 20.4 | 59.84 | 1.41 | 7.06 | 136.53 | 1.61 | 44.56 |
| 2.644 | 20.4 | 59.84 | 1.56 | 7.06 | 147.65 | 1.63 | 44.56 |
| 2.659 | 20.4 | 59.84 | 1.64 | 7.06 | 143.77 | 1.63 | 44.56 |
| 2.674 | 20.4 | 59.84 | 1.64 | 7.06 | 151.33 | 1.69 | 44.56 |
| 2.694 | 20.4 | 59.84 | 1.75 | 7.06 | 142.64 | 1.67 | 44.56 |
| 2.725 | 20.4 | 59.84 | 1.72 | 7.06 | 136.34 | 1.6  | 44.56 |
| 2.754 | 20.4 | 59.84 | 1.49 | 7.07 | 135.33 | 1.72 | 44.56 |
| 2.777 | 20.4 | 59.84 | 1.53 | 7.08 | 152.45 | 1.97 | 44.56 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.793 | 20.4  | 59.84 | 1.56 | 7.08 | 135.27 | 2.02 | 44.56 |
| 2.813 | 20.4  | 59.84 | 1.49 | 7.09 | 135.9  | 1.83 | 44.56 |
| 2.838 | 20.4  | 59.84 | 1.56 | 7.08 | 127.09 | 1.53 | 44.56 |
| 2.865 | 20.4  | 59.84 | 1.56 | 7.07 | 129.26 | 1.56 | 44.56 |
| 2.889 | 20.4  | 59.84 | 1.53 | 7.07 | 133.25 | 1.71 | 44.56 |
| 2.912 | 20.4  | 59.84 | 1.49 | 7.07 | 132.84 | 2.04 | 44.56 |
| 2.933 | 20.4  | 59.84 | 1.6  | 7.07 | 128.48 | 2.08 | 44.56 |
| 2.956 | 20.4  | 59.84 | 1.45 | 7.07 | 126.42 | 1.88 | 44.56 |
| 2.978 | 20.4  | 59.84 | 1.6  | 7.07 | 124.41 | 1.75 | 44.56 |
| 3.0   | 20.4  | 59.84 | 1.56 | 7.08 | 126.3  | 1.79 | 44.56 |
| 3.024 | 20.4  | 59.84 | 1.45 | 7.08 | 123.23 | 1.71 | 44.56 |
| 3.052 | 20.4  | 59.84 | 1.87 | 7.09 | 124.7  | 1.91 | 44.56 |
| 3.079 | 20.4  | 59.84 | 1.79 | 7.09 | 115.33 | 1.74 | 44.56 |
| 3.105 | 20.4  | 59.84 | 1.56 | 7.08 | 111.67 | 1.53 | 44.56 |
| 3.127 | 20.4  | 59.84 | 1.45 | 7.07 | 119.49 | 1.66 | 44.56 |
| 3.146 | 20.4  | 59.84 | 1.56 | 7.07 | 119.66 | 1.62 | 44.56 |
| 3.167 | 20.4  | 59.84 | 1.53 | 7.07 | 113.42 | 1.84 | 44.56 |
| 3.192 | 20.4  | 59.84 | 1.64 | 7.08 | 117.98 | 1.63 | 44.56 |
| 3.219 | 20.4  | 59.84 | 1.56 | 7.08 | 115.92 | 1.88 | 44.56 |
| 3.242 | 20.4  | 59.85 | 1.49 | 7.08 | 107.96 | 1.8  | 44.56 |
| 3.262 | 20.4  | 59.84 | 1.33 | 7.07 | 116.22 | 1.6  | 44.56 |
| 3.287 | 20.4  | 59.84 | 1.56 | 7.07 | 106.81 | 1.61 | 44.56 |
| 3.317 | 20.4  | 59.84 | 1.53 | 7.08 | 106.07 | 1.6  | 44.56 |
| 3.345 | 20.4  | 59.85 | 1.53 | 7.07 | 109.72 | 1.56 | 44.56 |
| 3.365 | 20.4  | 59.85 | 1.72 | 7.07 | 108.89 | 1.65 | 44.56 |
| 3.378 | 20.4  | 59.85 | 1.53 | 7.06 | 132.2  | 1.53 | 44.56 |
| 3.393 | 20.4  | 59.85 | 1.45 | 7.05 | 103.04 | 1.63 | 44.56 |
| 3.415 | 20.4  | 59.85 | 1.49 | 7.05 | 99.98  | 1.57 | 44.56 |
| 3.441 | 20.4  | 59.84 | 1.6  | 7.05 | 99.71  | 1.66 | 44.56 |
| 3.469 | 20.4  | 59.85 | 1.72 | 7.05 | 100.5  | 1.66 | 44.56 |
| 3.497 | 20.4  | 59.85 | 1.53 | 7.04 | 102.61 | 1.66 | 44.57 |
| 3.521 | 20.4  | 59.85 | 1.56 | 7.05 | 104.08 | 1.63 | 44.57 |
| 3.541 | 20.4  | 59.85 | 1.68 | 7.05 | 100.24 | 1.69 | 44.57 |
| 3.558 | 20.4  | 59.85 | 1.56 | 7.05 | 101.01 | 1.63 | 44.57 |
| 3.572 | 20.4  | 59.85 | 1.72 | 7.05 | 99.62  | 1.77 | 44.57 |
| 3.591 | 20.4  | 59.85 | 1.68 | 7.05 | 94.86  | 1.69 | 44.57 |
| 3.615 | 20.4  | 59.85 | 1.68 | 7.05 | 100.43 | 1.66 | 44.57 |
| 3.635 | 20.4  | 59.85 | 1.49 | 7.06 | 99.25  | 1.63 | 44.57 |
| 3.655 | 20.4  | 59.85 | 1.53 | 7.06 | 95.52  | 1.82 | 44.57 |
| 3.681 | 20.4  | 59.85 | 1.49 | 7.07 | 95.57  | 1.82 | 44.57 |
| 3.71  | 20.4  | 59.86 | 1.6  | 7.07 | 91.13  | 1.85 | 44.57 |
| 3.737 | 20.4  | 59.87 | 1.56 | 7.06 | 91.28  | 1.79 | 44.58 |
| 3.755 | 20.41 | 59.87 | 1.68 | 7.06 | 93.55  | 1.66 | 44.57 |
| 3.765 | 20.41 | 59.87 | 1.53 | 7.06 | 94.03  | 1.63 | 44.58 |
| 3.775 | 20.41 | 59.88 | 1.53 | 7.06 | 92.8   | 1.73 | 44.58 |
| 3.795 | 20.41 | 59.87 | 1.49 | 7.05 | 93.23  | 1.86 | 44.57 |
| 3.827 | 20.41 | 59.91 | 1.64 | 7.04 | 90.9   | 1.82 | 44.6  |
| 3.86  | 20.42 | 59.92 | 1.83 | 7.04 | 87.25  | 1.73 | 44.61 |
| 3.883 | 20.42 | 59.92 | 1.53 | 7.03 | 86.76  | 1.79 | 44.6  |
| 3.897 | 20.43 | 59.94 | 1.53 | 7.02 | 88.26  | 1.75 | 44.61 |
| 3.911 | 20.43 | 59.95 | 1.56 | 7.01 | 89.0   | 1.75 | 44.62 |
| 3.928 | 20.44 | 59.95 | 1.49 | 6.99 | 88.28  | 1.6  | 44.61 |
| 3.952 | 20.44 | 59.97 | 1.56 | 6.98 | 87.41  | 1.68 | 44.62 |
| 3.976 | 20.44 | 59.97 | 1.45 | 6.97 | 86.02  | 1.69 | 44.63 |
| 4.002 | 20.44 | 60.0  | 1.49 | 6.94 | 82.74  | 1.83 | 44.65 |
| 4.022 | 20.45 | 60.02 | 1.53 | 6.92 | 84.58  | 2.88 | 44.65 |
| 4.035 | 20.46 | 60.03 | 1.53 | 6.89 | 83.66  | 2.07 | 44.66 |
| 4.046 | 20.47 | 60.05 | 1.72 | 6.86 | 82.78  | 1.83 | 44.67 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.07  | 20.47 | 60.05 | 1.56 | 6.84 | 84.09 | 1.72 | 44.66 |
| 4.107 | 20.48 | 60.12 | 1.64 | 6.81 | 83.31 | 1.94 | 44.71 |
| 4.145 | 20.49 | 60.15 | 1.56 | 6.79 | 80.82 | 1.97 | 44.72 |
| 4.166 | 20.51 | 60.15 | 1.45 | 6.69 | 81.33 | 1.61 | 44.7  |
| 4.176 | 20.51 | 60.14 | 1.64 | 6.63 | 80.21 | 1.5  | 44.69 |
| 4.208 | 20.51 | 60.14 | 1.56 | 6.57 | 78.62 | 1.61 | 44.69 |
| 4.256 | 20.52 | 60.17 | 1.72 | 6.51 | 77.27 | 1.54 | 44.72 |
| 4.298 | 20.52 | 60.18 | 1.6  | 6.45 | 76.02 | 1.37 | 44.71 |
| 4.313 | 20.53 | 60.17 | 1.72 | 6.36 | 79.5  | 1.35 | 44.7  |
| 4.328 | 20.53 | 60.16 | 1.68 | 6.35 | 77.04 | 1.22 | 44.7  |
| 4.362 | 20.52 | 60.17 | 1.72 | 6.35 | 73.63 | 1.48 | 44.7  |
| 4.398 | 20.52 | 60.18 | 1.64 | 6.34 | 72.73 | 1.51 | 44.71 |
| 4.427 | 20.53 | 60.17 | 1.91 | 6.35 | 73.28 | 1.39 | 44.71 |
| 4.443 | 20.53 | 60.18 | 1.64 | 6.35 | 72.16 | 1.33 | 44.71 |
| 4.458 | 20.53 | 60.17 | 1.72 | 6.35 | 71.93 | 1.31 | 44.7  |
| 4.477 | 20.53 | 60.17 | 1.64 | 6.36 | 72.83 | 1.31 | 44.7  |
| 4.498 | 20.53 | 60.18 | 1.72 | 6.36 | 72.28 | 1.36 | 44.71 |
| 4.519 | 20.53 | 60.17 | 1.83 | 6.37 | 72.04 | 1.37 | 44.71 |
| 4.538 | 20.53 | 60.17 | 1.87 | 6.36 | 72.72 | 1.4  | 44.7  |
| 4.554 | 20.53 | 60.17 | 2.21 | 6.37 | 69.71 | 1.46 | 44.71 |
| 4.572 | 20.53 | 60.18 | 2.1  | 6.37 | 68.46 | 1.43 | 44.71 |
| 4.597 | 20.53 | 60.18 | 1.95 | 6.37 | 68.5  | 1.43 | 44.71 |
| 4.626 | 20.53 | 60.18 | 1.87 | 6.36 | 70.0  | 1.37 | 44.71 |
| 4.654 | 20.53 | 60.18 | 1.98 | 6.36 | 68.53 | 1.42 | 44.71 |
| 4.673 | 20.53 | 60.18 | 1.87 | 6.36 | 67.61 | 1.34 | 44.71 |
| 4.684 | 20.53 | 60.18 | 2.02 | 6.35 | 68.69 | 1.32 | 44.71 |
| 4.694 | 20.53 | 60.18 | 2.21 | 6.35 | 68.62 | 1.3  | 44.71 |
| 4.712 | 20.53 | 60.18 | 2.17 | 6.36 | 67.39 | 1.29 | 44.71 |
| 4.739 | 20.53 | 60.18 | 2.25 | 6.36 | 65.41 | 1.32 | 44.71 |
| 4.771 | 20.53 | 60.18 | 2.33 | 6.36 | 64.18 | 1.44 | 44.71 |
| 4.798 | 20.53 | 60.18 | 2.25 | 6.35 | 64.03 | 1.5  | 44.71 |
| 4.817 | 20.53 | 60.18 | 2.17 | 6.35 | 65.64 | 1.46 | 44.71 |
| 4.828 | 20.53 | 60.18 | 2.06 | 6.36 | 66.02 | 1.37 | 44.71 |
| 4.842 | 20.53 | 60.18 | 2.29 | 6.36 | 64.24 | 1.4  | 44.71 |
| 4.861 | 20.53 | 60.18 | 2.29 | 6.36 | 62.27 | 1.42 | 44.71 |
| 4.888 | 20.53 | 60.18 | 2.4  | 6.35 | 61.71 | 1.8  | 44.71 |
| 4.912 | 20.53 | 60.18 | 2.48 | 6.36 | 62.32 | 1.52 | 44.71 |
| 4.932 | 20.53 | 60.18 | 2.4  | 6.36 | 62.9  | 1.43 | 44.71 |
| 4.949 | 20.53 | 60.18 | 2.59 | 6.37 | 62.55 | 1.53 | 44.71 |
| 4.965 | 20.53 | 60.18 | 2.59 | 6.37 | 60.0  | 1.45 | 44.71 |
| 4.985 | 20.53 | 60.18 | 2.63 | 6.37 | 58.94 | 1.4  | 44.71 |
| 5.008 | 20.53 | 60.18 | 2.63 | 6.36 | 59.04 | 1.46 | 44.71 |
| 5.031 | 20.53 | 60.18 | 2.63 | 6.36 | 59.78 | 1.59 | 44.71 |
| 5.05  | 20.53 | 60.18 | 2.67 | 6.36 | 60.77 | 1.42 | 44.71 |
| 5.069 | 20.53 | 60.18 | 2.67 | 6.36 | 58.85 | 1.43 | 44.71 |
| 5.09  | 20.53 | 60.18 | 2.67 | 6.36 | 57.42 | 1.44 | 44.71 |
| 5.111 | 20.53 | 60.18 | 2.82 | 6.37 | 57.45 | 1.75 | 44.71 |
| 5.127 | 20.53 | 60.18 | 2.9  | 6.37 | 57.09 | 1.43 | 44.71 |
| 5.143 | 20.53 | 60.18 | 2.79 | 6.37 | 56.2  | 1.35 | 44.71 |
| 5.16  | 20.53 | 60.18 | 2.82 | 6.37 | 56.54 | 1.43 | 44.71 |
| 5.182 | 20.53 | 60.18 | 2.86 | 6.36 | 56.85 | 1.42 | 44.71 |
| 5.205 | 20.53 | 60.18 | 2.98 | 6.36 | 55.78 | 1.5  | 44.71 |
| 5.228 | 20.53 | 60.18 | 2.94 | 6.36 | 55.01 | 1.49 | 44.71 |
| 5.25  | 20.53 | 60.18 | 2.94 | 6.36 | 54.53 | 1.4  | 44.71 |
| 5.272 | 20.53 | 60.18 | 2.98 | 6.36 | 53.66 | 1.46 | 44.71 |
| 5.291 | 20.53 | 60.18 | 2.94 | 6.36 | 53.18 | 1.55 | 44.71 |
| 5.305 | 20.53 | 60.18 | 2.94 | 6.36 | 53.33 | 1.39 | 44.71 |
| 5.318 | 20.53 | 60.18 | 2.82 | 6.36 | 53.16 | 1.47 | 44.71 |



|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 5.358 | 20.53 | 60.18 | 2.86 | 6.35 | 52.06 | 1.45 | 44.71 |
| 5.385 | 20.53 | 60.18 | 2.82 | 6.36 | 51.52 | 1.4  | 44.71 |
| 5.41  | 20.53 | 60.18 | 2.9  | 6.37 | 50.78 | 1.38 | 44.71 |
| 5.43  | 20.53 | 60.18 | 2.82 | 6.36 | 50.18 | 1.37 | 44.71 |
| 5.446 | 20.53 | 60.18 | 2.94 | 6.37 | 50.15 | 1.34 | 44.71 |
| 5.605 | 20.53 | 60.18 | 2.98 | 6.34 | 47.01 | 1.4  | 44.71 |
| 5.631 | 20.53 | 60.18 | 2.9  | 6.34 | 46.2  | 1.46 | 44.7  |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.37      | 50.9                | 1.26           | 6.98           | 144.77                      | 0.64              | 37.01           |
| PROF (metros)                                                                | 4.464      | 0.701               | 5.022          | 3.805          | 5.071                       | 0.71              | 0.701           |
| MÁXIMO                                                                       | 20.64      | 20.64               | 2.1            | 7.15           | 1102.5                      | 1.26              | 43.83           |
| PROF (metros)                                                                | 2.27       | 4.946               | 2.739          | 2.019          | 0.951                       | 5.078             | 4.933           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E05 - Punto 007                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.46      | 50.91               | 1.58           | 7.06           | 581.5                       | 0.67              | 37.06           |
| 1 - 2m                                                     | 20.44      | 51.08               | 1.7            | 7.11           | 485.12                      | 0.78              | 37.21           |
| 2 - 3m                                                     | 20.59      | 52.51               | 1.82           | 7.1            | 353.69                      | 0.8               | 38.26           |
| 3 - 4m                                                     | 20.43      | 56.78               | 1.66           | 7.01           | 254.82                      | 0.97              | 41.96           |
| 4 - 5m                                                     | 20.38      | 58.78               | 1.5            | 7.0            | 181.53                      | 0.97              | 43.69           |
| 5 - 6m                                                     | 20.38      | 58.91               | 1.44           | 7.01           | 147.1                       | 1.0               | 43.79           |

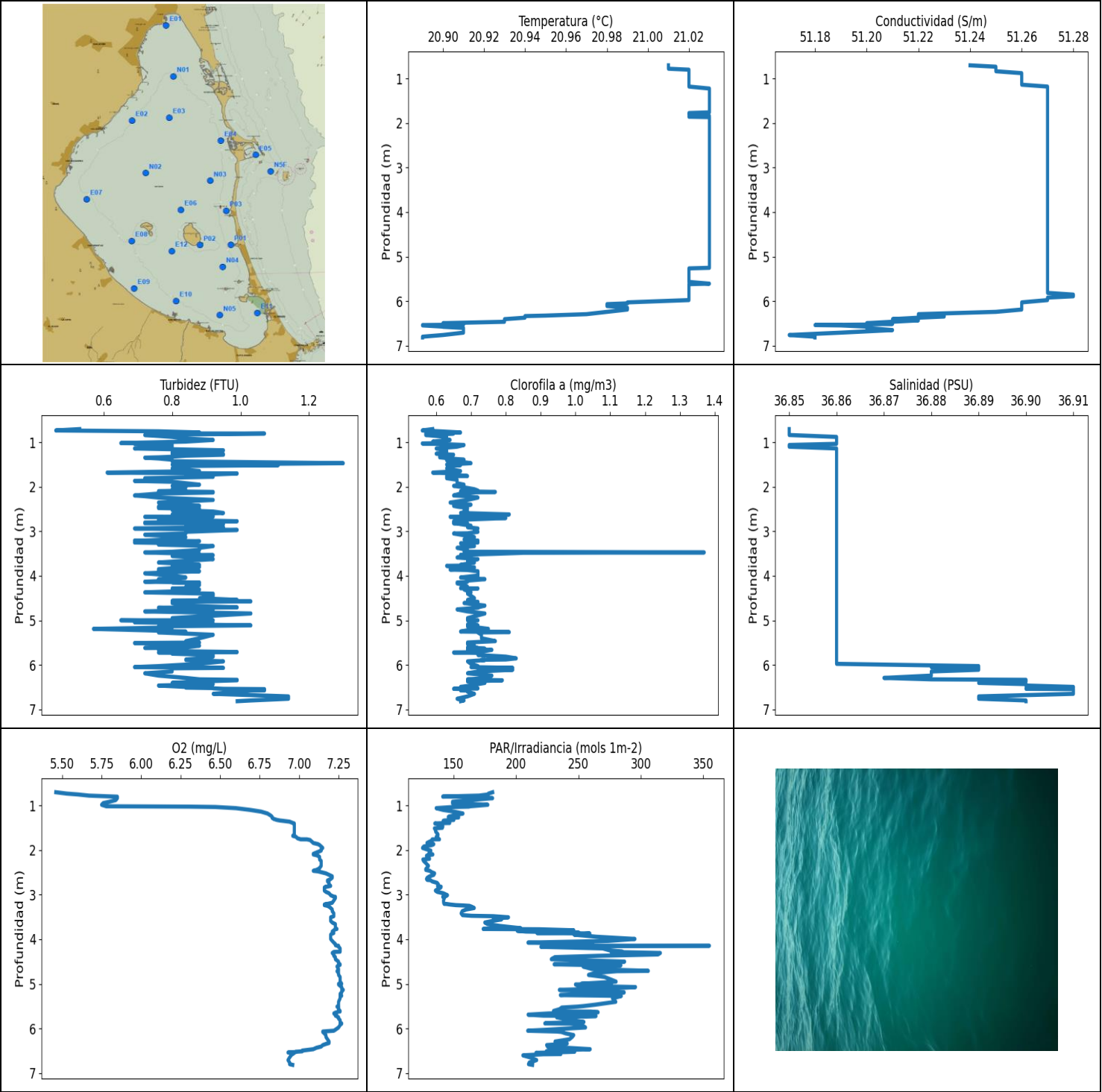
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.701                                                          | 20.5       | 50.9                | 1.64           | 7.03           | 599.69                      | 0.66              | 37.01           |
| 0.71                                                           | 20.49      | 50.9                | 1.53           | 7.03           | 630.92                      | 0.64              | 37.02           |
| 0.733                                                          | 20.49      | 50.9                | 1.68           | 7.03           | 592.78                      | 0.65              | 37.02           |
| 0.77                                                           | 20.49      | 50.9                | 1.45           | 7.05           | 592.23                      | 0.69              | 37.03           |
| 0.808                                                          | 20.48      | 50.92               | 1.49           | 7.06           | 553.61                      | 0.68              | 37.04           |
| 0.835                                                          | 20.47      | 50.92               | 1.68           | 7.05           | 643.17                      | 0.66              | 37.06           |
| 0.851                                                          | 20.46      | 50.92               | 1.6            | 7.05           | 625.97                      | 0.71              | 37.07           |
| 0.865                                                          | 20.45      | 50.92               | 1.53           | 7.06           | 483.97                      | 0.66              | 37.07           |
| 0.881                                                          | 20.45      | 50.92               | 1.6            | 7.07           | 578.53                      | 0.66              | 37.08           |
| 0.906                                                          | 20.45      | 50.92               | 1.6            | 7.08           | 404.4                       | 0.66              | 37.08           |
| 0.931                                                          | 20.45      | 50.92               | 1.53           | 7.09           | 424.67                      | 0.67              | 37.08           |
| 0.951                                                          | 20.44      | 50.92               | 1.6            | 7.08           | 1102.5                      | 0.66              | 37.08           |
| 0.97                                                           | 20.44      | 50.92               | 1.6            | 7.08           | 413.98                      | 0.67              | 37.08           |
| 0.989                                                          | 20.44      | 50.92               | 1.56           | 7.08           | 494.63                      | 0.69              | 37.08           |
| 1.011                                                          | 20.44      | 50.92               | 1.56           | 7.08           | 923.11                      | 0.69              | 37.08           |
| 1.036                                                          | 20.44      | 50.93               | 1.56           | 7.08           | 577.33                      | 0.69              | 37.09           |
| 1.065                                                          | 20.44      | 50.93               | 1.83           | 7.09           | 617.89                      | 0.68              | 37.09           |
| 1.093                                                          | 20.44      | 50.94               | 1.64           | 7.08           | 427.33                      | 0.7               | 37.1            |
| 1.117                                                          | 20.44      | 50.94               | 1.68           | 7.09           | 423.29                      | 0.7               | 37.1            |
| 1.136                                                          | 20.43      | 50.94               | 1.45           | 7.1            | 371.08                      | 0.72              | 37.11           |
| 1.155                                                          | 20.43      | 50.95               | 1.33           | 7.1            | 556.44                      | 0.81              | 37.11           |
| 1.175                                                          | 20.43      | 50.95               | 1.45           | 7.11           | 432.81                      | 0.76              | 37.12           |
| 1.199                                                          | 20.43      | 50.95               | 1.6            | 7.11           | 619.47                      | 0.72              | 37.12           |
| 1.225                                                          | 20.43      | 50.96               | 1.56           | 7.11           | 412.44                      | 0.73              | 37.13           |
| 1.249                                                          | 20.43      | 50.97               | 1.64           | 7.11           | 631.06                      | 0.72              | 37.13           |
| 1.271                                                          | 20.43      | 50.97               | 1.68           | 7.1            | 367.65                      | 0.76              | 37.14           |
| 1.289                                                          | 20.42      | 50.98               | 1.64           | 7.09           | 450.0                       | 0.76              | 37.15           |
| 1.299                                                          | 20.42      | 50.98               | 1.53           | 7.08           | 536.43                      | 0.79              | 37.15           |
| 1.31                                                           | 20.42      | 50.98               | 1.64           | 7.08           | 454.3                       | 0.79              | 37.15           |
| 1.325                                                          | 20.42      | 50.98               | 1.75           | 7.08           | 424.47                      | 0.72              | 37.15           |
| 1.349                                                          | 20.42      | 50.99               | 1.68           | 7.08           | 681.7                       | 0.76              | 37.15           |
| 1.378                                                          | 20.42      | 50.99               | 1.72           | 7.08           | 436.95                      | 0.76              | 37.15           |
| 1.407                                                          | 20.42      | 50.98               | 1.79           | 7.09           | 491.77                      | 0.77              | 37.15           |
| 1.43                                                           | 20.42      | 50.98               | 1.53           | 7.1            | 689.01                      | 0.81              | 37.16           |
| 1.448                                                          | 20.42      | 50.99               | 1.6            | 7.1            | 434.62                      | 0.76              | 37.16           |
| 1.466                                                          | 20.42      | 50.99               | 1.6            | 7.1            | 463.76                      | 0.8               | 37.16           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.488 | 20.42 | 50.99 | 1.72 | 7.1  | 386.71 | 0.77 | 37.16 |
| 1.514 | 20.41 | 50.98 | 1.72 | 7.1  | 421.92 | 0.74 | 37.16 |
| 1.536 | 20.41 | 50.98 | 1.68 | 7.11 | 755.59 | 0.82 | 37.16 |
| 1.552 | 20.41 | 50.98 | 1.87 | 7.11 | 434.02 | 0.76 | 37.16 |
| 1.567 | 20.41 | 50.98 | 1.75 | 7.12 | 401.87 | 0.76 | 37.16 |
| 1.588 | 20.41 | 50.98 | 1.95 | 7.12 | 784.5  | 0.79 | 37.17 |
| 1.615 | 20.41 | 51.0  | 1.87 | 7.13 | 318.88 | 0.76 | 37.18 |
| 1.646 | 20.41 | 51.03 | 1.83 | 7.13 | 470.37 | 0.85 | 37.21 |
| 1.676 | 20.41 | 51.06 | 1.72 | 7.12 | 383.14 | 0.79 | 37.22 |
| 1.702 | 20.42 | 51.08 | 1.83 | 7.12 | 353.78 | 0.77 | 37.24 |
| 1.726 | 20.42 | 51.1  | 1.72 | 7.12 | 553.73 | 0.76 | 37.25 |
| 1.739 | 20.43 | 51.13 | 1.87 | 7.12 | 399.0  | 0.75 | 37.26 |
| 1.744 | 20.44 | 51.16 | 1.64 | 7.12 | 352.38 | 0.77 | 37.28 |
| 1.756 | 20.45 | 51.14 | 1.75 | 7.12 | 472.66 | 0.75 | 37.26 |
| 1.784 | 20.45 | 51.19 | 1.72 | 7.13 | 479.39 | 0.8  | 37.29 |
| 1.822 | 20.46 | 51.25 | 1.72 | 7.13 | 360.23 | 0.83 | 37.34 |
| 1.84  | 20.49 | 51.36 | 1.79 | 7.12 | 360.73 | 0.89 | 37.4  |
| 1.842 | 20.5  | 51.33 | 1.75 | 7.12 | 387.33 | 0.82 | 37.36 |
| 1.87  | 20.51 | 51.33 | 1.87 | 7.13 | 575.19 | 0.87 | 37.36 |
| 1.919 | 20.51 | 51.47 | 1.91 | 7.13 | 347.2  | 0.88 | 37.47 |
| 1.957 | 20.53 | 51.48 | 1.75 | 7.14 | 443.37 | 0.88 | 37.46 |
| 1.971 | 20.55 | 51.47 | 1.72 | 7.14 | 668.71 | 0.84 | 37.44 |
| 1.979 | 20.55 | 51.49 | 1.83 | 7.14 | 429.72 | 0.84 | 37.45 |
| 1.997 | 20.56 | 51.49 | 1.75 | 7.14 | 351.98 | 0.83 | 37.44 |
| 2.019 | 20.56 | 51.5  | 1.68 | 7.15 | 425.75 | 0.91 | 37.45 |
| 2.034 | 20.57 | 51.51 | 1.72 | 7.15 | 340.98 | 0.86 | 37.46 |
| 2.052 | 20.57 | 51.51 | 1.75 | 7.14 | 340.66 | 0.82 | 37.46 |
| 2.088 | 20.57 | 51.56 | 2.02 | 7.14 | 418.03 | 0.85 | 37.49 |
| 2.132 | 20.58 | 51.62 | 2.02 | 7.13 | 334.01 | 0.89 | 37.54 |
| 2.148 | 20.61 | 51.61 | 1.75 | 7.14 | 355.83 | 0.78 | 37.5  |
| 2.175 | 20.61 | 51.61 | 1.68 | 7.14 | 371.16 | 0.82 | 37.5  |
| 2.224 | 20.61 | 51.74 | 1.91 | 7.14 | 378.46 | 0.85 | 37.61 |
| 2.259 | 20.62 | 51.8  | 1.72 | 7.15 | 364.85 | 0.8  | 37.65 |
| 2.267 | 20.63 | 51.84 | 1.83 | 7.15 | 415.8  | 0.77 | 37.67 |
| 2.27  | 20.64 | 51.86 | 1.75 | 7.15 | 345.11 | 0.79 | 37.68 |
| 2.292 | 20.64 | 51.84 | 2.06 | 7.14 | 410.44 | 0.81 | 37.65 |
| 2.326 | 20.64 | 52.02 | 1.83 | 7.14 | 385.01 | 0.79 | 37.8  |
| 2.348 | 20.64 | 52.21 | 1.91 | 7.12 | 399.65 | 0.79 | 37.96 |
| 2.357 | 20.64 | 52.31 | 1.79 | 7.12 | 434.42 | 0.79 | 38.04 |
| 2.368 | 20.63 | 52.32 | 1.68 | 7.12 | 357.49 | 0.78 | 38.07 |
| 2.396 | 20.63 | 52.34 | 1.64 | 7.11 | 313.61 | 0.81 | 38.08 |
| 2.431 | 20.63 | 52.39 | 1.83 | 7.1  | 357.98 | 0.81 | 38.12 |
| 2.466 | 20.62 | 52.43 | 1.72 | 7.1  | 372.8  | 0.77 | 38.16 |
| 2.498 | 20.62 | 52.51 | 1.72 | 7.09 | 453.14 | 0.74 | 38.23 |
| 2.53  | 20.61 | 52.56 | 1.87 | 7.08 | 302.96 | 0.72 | 38.27 |
| 2.554 | 20.61 | 52.65 | 1.95 | 7.07 | 313.97 | 0.74 | 38.35 |
| 2.568 | 20.6  | 52.71 | 1.79 | 7.07 | 332.24 | 0.73 | 38.41 |
| 2.586 | 20.59 | 52.73 | 1.75 | 7.08 | 328.26 | 0.71 | 38.43 |
| 2.612 | 20.59 | 52.78 | 1.87 | 7.08 | 416.96 | 0.76 | 38.48 |
| 2.646 | 20.58 | 52.93 | 1.83 | 7.08 | 340.42 | 0.76 | 38.61 |
| 2.679 | 20.57 | 53.03 | 1.72 | 7.07 | 304.09 | 0.76 | 38.7  |
| 2.711 | 20.56 | 53.04 | 1.72 | 7.07 | 313.39 | 0.79 | 38.71 |
| 2.739 | 20.56 | 53.12 | 2.1  | 7.06 | 326.13 | 0.79 | 38.78 |
| 2.757 | 20.55 | 53.18 | 1.79 | 7.05 | 330.86 | 0.82 | 38.84 |
| 2.773 | 20.54 | 53.19 | 1.68 | 7.05 | 329.63 | 0.78 | 38.86 |
| 2.82  | 20.54 | 53.34 | 2.1  | 7.05 | 330.4  | 0.82 | 38.98 |
| 2.876 | 20.54 | 53.56 | 1.75 | 7.05 | 346.95 | 0.85 | 39.17 |
| 2.911 | 20.53 | 53.52 | 1.95 | 7.06 | 270.44 | 0.86 | 39.14 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.924 | 20.52 | 53.59 | 1.91 | 7.05 | 311.0  | 0.85 | 39.21 |
| 2.937 | 20.52 | 53.59 | 1.75 | 7.05 | 362.91 | 0.86 | 39.22 |
| 2.958 | 20.51 | 53.64 | 1.79 | 7.05 | 330.09 | 0.86 | 39.25 |
| 2.986 | 20.51 | 53.67 | 1.87 | 7.05 | 274.48 | 0.85 | 39.28 |
| 3.015 | 20.51 | 53.74 | 1.83 | 7.04 | 282.68 | 0.85 | 39.34 |
| 3.043 | 20.51 | 53.85 | 1.75 | 7.04 | 306.07 | 0.87 | 39.44 |
| 3.069 | 20.5  | 53.96 | 1.79 | 7.03 | 287.63 | 0.82 | 39.53 |
| 3.091 | 20.5  | 54.08 | 1.83 | 7.03 | 254.56 | 0.86 | 39.63 |
| 3.117 | 20.5  | 54.15 | 1.83 | 7.03 | 267.63 | 0.89 | 39.69 |
| 3.142 | 20.49 | 54.39 | 1.56 | 7.02 | 284.06 | 0.91 | 39.89 |
| 3.162 | 20.49 | 54.37 | 1.72 | 7.03 | 318.74 | 0.92 | 39.89 |
| 3.171 | 20.49 | 54.43 | 1.83 | 7.03 | 288.64 | 0.98 | 39.93 |
| 3.173 | 20.49 | 54.62 | 1.56 | 7.03 | 272.2  | 0.93 | 40.1  |
| 3.194 | 20.48 | 54.72 | 1.75 | 7.03 | 282.55 | 0.92 | 40.18 |
| 3.232 | 20.48 | 54.9  | 1.72 | 7.03 | 298.43 | 0.94 | 40.33 |
| 3.272 | 20.47 | 55.32 | 1.72 | 7.02 | 278.06 | 0.94 | 40.69 |
| 3.3   | 20.47 | 55.51 | 1.72 | 7.02 | 274.86 | 0.91 | 40.85 |
| 3.321 | 20.46 | 55.68 | 1.79 | 7.02 | 256.1  | 0.95 | 41.0  |
| 3.345 | 20.45 | 55.78 | 1.56 | 7.02 | 266.7  | 0.99 | 41.09 |
| 3.371 | 20.45 | 56.02 | 1.75 | 7.01 | 281.37 | 0.98 | 41.29 |
| 3.391 | 20.44 | 56.19 | 1.56 | 7.01 | 291.39 | 0.97 | 41.44 |
| 3.412 | 20.44 | 56.28 | 1.64 | 7.01 | 276.07 | 0.98 | 41.52 |
| 3.429 | 20.44 | 56.39 | 1.56 | 7.01 | 252.8  | 0.95 | 41.61 |
| 3.433 | 20.43 | 56.45 | 1.6  | 7.01 | 255.27 | 0.99 | 41.67 |
| 3.441 | 20.43 | 56.47 | 1.6  | 7.01 | 285.77 | 1.01 | 41.69 |
| 3.474 | 20.43 | 56.72 | 1.68 | 7.01 | 277.23 | 0.92 | 41.9  |
| 3.521 | 20.42 | 57.32 | 1.72 | 7.0  | 256.16 | 0.97 | 42.4  |
| 3.563 | 20.42 | 57.7  | 1.75 | 6.99 | 258.91 | 0.95 | 42.73 |
| 3.593 | 20.41 | 57.84 | 1.83 | 7.0  | 247.01 | 0.97 | 42.86 |
| 3.611 | 20.4  | 57.81 | 1.53 | 6.99 | 246.26 | 1.01 | 42.84 |
| 3.626 | 20.4  | 57.98 | 1.68 | 6.99 | 232.4  | 0.96 | 42.99 |
| 3.641 | 20.39 | 57.92 | 1.72 | 6.99 | 224.41 | 1.03 | 42.94 |
| 3.661 | 20.39 | 57.98 | 1.72 | 7.0  | 243.14 | 0.98 | 43.0  |
| 3.68  | 20.39 | 58.09 | 1.6  | 7.0  | 255.74 | 1.01 | 43.09 |
| 3.692 | 20.39 | 58.08 | 1.64 | 7.0  | 245.52 | 0.96 | 43.08 |
| 3.698 | 20.39 | 58.13 | 1.72 | 7.0  | 236.91 | 1.0  | 43.12 |
| 3.709 | 20.39 | 58.15 | 1.83 | 7.0  | 249.94 | 0.99 | 43.14 |
| 3.726 | 20.39 | 58.17 | 1.68 | 6.99 | 247.64 | 1.05 | 43.16 |
| 3.746 | 20.39 | 58.2  | 1.53 | 6.99 | 235.05 | 1.0  | 43.18 |
| 3.771 | 20.39 | 58.22 | 1.64 | 6.99 | 223.94 | 0.98 | 43.2  |
| 3.805 | 20.39 | 58.22 | 1.56 | 6.98 | 230.9  | 0.98 | 43.2  |
| 3.838 | 20.38 | 58.23 | 1.64 | 6.98 | 228.45 | 1.02 | 43.21 |
| 3.859 | 20.38 | 58.25 | 1.6  | 6.98 | 221.41 | 0.99 | 43.23 |
| 3.865 | 20.38 | 58.25 | 1.49 | 6.98 | 223.89 | 0.99 | 43.23 |
| 3.873 | 20.38 | 58.28 | 1.68 | 6.99 | 225.81 | 1.01 | 43.25 |
| 3.894 | 20.38 | 58.3  | 1.37 | 6.99 | 233.7  | 1.05 | 43.27 |
| 3.919 | 20.38 | 58.35 | 1.56 | 7.0  | 226.86 | 1.02 | 43.31 |
| 3.945 | 20.38 | 58.38 | 1.6  | 6.99 | 221.2  | 1.03 | 43.34 |
| 3.959 | 20.38 | 58.41 | 1.68 | 6.99 | 227.07 | 1.02 | 43.36 |
| 3.962 | 20.38 | 58.44 | 1.49 | 6.99 | 220.54 | 1.01 | 43.39 |
| 3.965 | 20.38 | 58.46 | 1.6  | 6.99 | 212.95 | 1.06 | 43.41 |
| 3.981 | 20.38 | 58.45 | 1.64 | 7.0  | 216.69 | 0.99 | 43.4  |
| 4.015 | 20.38 | 58.46 | 1.53 | 6.99 | 230.79 | 0.98 | 43.41 |
| 4.046 | 20.38 | 58.48 | 1.45 | 6.99 | 222.18 | 1.02 | 43.43 |
| 4.061 | 20.38 | 58.52 | 1.45 | 6.99 | 204.54 | 1.03 | 43.46 |
| 4.071 | 20.38 | 58.51 | 1.49 | 6.99 | 208.7  | 0.99 | 43.46 |
| 4.087 | 20.38 | 58.51 | 1.53 | 6.99 | 217.09 | 0.97 | 43.45 |
| 4.106 | 20.38 | 58.51 | 1.33 | 6.99 | 202.56 | 0.98 | 43.45 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.129 | 20.38 | 58.53 | 1.53 | 6.98 | 196.95 | 1.0  | 43.47 |
| 4.153 | 20.38 | 58.54 | 1.45 | 6.99 | 199.16 | 1.06 | 43.48 |
| 4.172 | 20.38 | 58.54 | 1.49 | 6.99 | 199.76 | 1.0  | 43.48 |
| 4.184 | 20.38 | 58.55 | 1.6  | 6.99 | 195.27 | 1.0  | 43.49 |
| 4.193 | 20.38 | 58.54 | 1.6  | 6.99 | 197.18 | 1.01 | 43.48 |
| 4.205 | 20.38 | 58.54 | 1.64 | 7.0  | 199.3  | 0.98 | 43.48 |
| 4.223 | 20.38 | 58.54 | 1.56 | 7.01 | 204.82 | 0.98 | 43.48 |
| 4.251 | 20.38 | 58.6  | 1.37 | 7.01 | 200.64 | 1.01 | 43.53 |
| 4.29  | 20.38 | 58.68 | 1.53 | 7.01 | 195.59 | 1.04 | 43.6  |
| 4.327 | 20.38 | 58.73 | 1.45 | 7.01 | 192.22 | 0.99 | 43.64 |
| 4.346 | 20.38 | 58.69 | 1.41 | 7.01 | 187.34 | 0.99 | 43.61 |
| 4.349 | 20.38 | 58.72 | 1.53 | 7.0  | 189.83 | 0.97 | 43.63 |
| 4.356 | 20.38 | 58.7  | 1.45 | 7.0  | 190.31 | 0.97 | 43.62 |
| 4.38  | 20.38 | 58.74 | 1.49 | 6.99 | 185.01 | 0.98 | 43.65 |
| 4.42  | 20.38 | 58.85 | 1.33 | 6.99 | 180.77 | 0.92 | 43.74 |
| 4.464 | 20.37 | 58.89 | 1.56 | 6.99 | 180.93 | 0.95 | 43.78 |
| 4.497 | 20.37 | 58.9  | 1.41 | 6.99 | 184.15 | 0.96 | 43.79 |
| 4.511 | 20.37 | 58.9  | 1.56 | 6.99 | 183.6  | 0.95 | 43.79 |
| 4.514 | 20.37 | 58.91 | 1.49 | 7.0  | 181.52 | 0.97 | 43.8  |
| 4.521 | 20.37 | 58.9  | 1.53 | 7.0  | 180.01 | 0.97 | 43.79 |
| 4.535 | 20.37 | 58.9  | 1.41 | 7.01 | 175.81 | 0.94 | 43.79 |
| 4.546 | 20.37 | 58.91 | 1.49 | 7.02 | 169.02 | 0.94 | 43.8  |
| 4.557 | 20.37 | 58.92 | 1.45 | 7.02 | 169.09 | 0.97 | 43.81 |
| 4.577 | 20.37 | 58.92 | 1.64 | 7.03 | 170.0  | 0.92 | 43.8  |
| 4.612 | 20.37 | 58.91 | 1.56 | 7.03 | 174.15 | 0.98 | 43.8  |
| 4.646 | 20.37 | 58.92 | 1.45 | 7.03 | 173.54 | 0.96 | 43.81 |
| 4.671 | 20.37 | 58.92 | 1.49 | 7.03 | 176.34 | 0.94 | 43.8  |
| 4.685 | 20.37 | 58.92 | 1.64 | 7.02 | 173.86 | 0.91 | 43.8  |
| 4.696 | 20.37 | 58.92 | 1.45 | 7.01 | 170.0  | 0.91 | 43.81 |
| 4.709 | 20.37 | 58.93 | 1.41 | 7.01 | 164.88 | 0.94 | 43.81 |
| 4.725 | 20.37 | 58.93 | 1.6  | 7.01 | 164.34 | 0.98 | 43.81 |
| 4.747 | 20.37 | 58.93 | 1.41 | 7.01 | 166.03 | 0.98 | 43.81 |
| 4.777 | 20.37 | 58.93 | 1.45 | 7.02 | 165.49 | 0.95 | 43.82 |
| 4.812 | 20.37 | 58.94 | 1.49 | 7.01 | 160.99 | 0.98 | 43.82 |
| 4.852 | 20.38 | 58.94 | 1.41 | 7.01 | 156.75 | 0.98 | 43.82 |
| 4.889 | 20.38 | 58.94 | 1.45 | 7.01 | 154.77 | 0.92 | 43.82 |
| 4.918 | 20.38 | 58.94 | 1.56 | 7.0  | 156.68 | 0.93 | 43.82 |
| 4.933 | 20.38 | 58.95 | 1.45 | 7.0  | 155.74 | 0.92 | 43.83 |
| 4.94  | 20.38 | 58.95 | 1.68 | 6.99 | 149.76 | 0.92 | 43.83 |
| 4.946 | 20.38 | 58.96 | 1.49 | 6.99 | 150.21 | 1.01 | 43.83 |
| 4.96  | 20.38 | 58.95 | 1.56 | 6.99 | 152.91 | 0.93 | 43.83 |
| 4.981 | 20.38 | 58.95 | 1.53 | 7.0  | 152.63 | 0.93 | 43.82 |
| 5.005 | 20.38 | 58.93 | 1.45 | 7.01 | 149.34 | 0.89 | 43.81 |
| 5.022 | 20.38 | 58.94 | 1.26 | 7.01 | 147.21 | 0.98 | 43.82 |
| 5.03  | 20.38 | 58.94 | 1.49 | 7.02 | 148.82 | 1.01 | 43.82 |
| 5.038 | 20.38 | 58.95 | 1.37 | 7.02 | 148.27 | 0.96 | 43.82 |
| 5.053 | 20.38 | 58.95 | 1.41 | 7.02 | 146.09 | 0.94 | 43.83 |
| 5.066 | 20.38 | 58.93 | 1.53 | 7.01 | 145.28 | 0.92 | 43.82 |
| 5.071 | 20.38 | 58.88 | 1.45 | 7.01 | 144.77 | 1.0  | 43.77 |
| 5.075 | 20.38 | 58.82 | 1.41 | 7.01 | 146.49 | 1.07 | 43.72 |
| 5.078 | 20.38 | 58.82 | 1.6  | 7.01 | 147.59 | 1.26 | 43.72 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.89      | 51.17               | 0.46           | 5.46           | 125.16                      | 0.56              | 36.85           |
| PROF (metros)                                                                | 6.538      | 6.761               | 0.737          | 0.706          | 1.954                       | 0.737             | 0.706           |
| MÁXIMO                                                                       | 21.03      | 21.03               | 1.3            | 7.28           | 354.93                      | 1.37              | 36.91           |
| PROF (metros)                                                                | 1.227      | 5.854               | 1.472          | 5.135          | 4.146                       | 3.475             | 6.495           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD NSF - Punto 008                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 21.02      | 51.25               | 0.78           | 5.72           | 167.2                       | 0.61              | 36.85           |
| 1 - 2m                                                     | 21.03      | 51.27               | 0.83           | 6.89           | 140.6                       | 0.64              | 36.86           |
| 2 - 3m                                                     | 21.03      | 51.27               | 0.83           | 7.15           | 132.42                      | 0.69              | 36.86           |
| 3 - 4m                                                     | 21.03      | 51.27               | 0.81           | 7.21           | 184.06                      | 0.71              | 36.86           |
| 4 - 5m                                                     | 21.03      | 51.27               | 0.85           | 7.24           | 267.5                       | 0.7               | 36.86           |
| 5 - 6m                                                     | 21.02      | 51.27               | 0.82           | 7.25           | 251.66                      | 0.72              | 36.86           |
| 6 - 7m                                                     | 20.93      | 51.22               | 0.91           | 7.07           | 229.36                      | 0.71              | 36.89           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706                                                          | 21.01      | 51.24               | 0.53           | 5.46           | 181.35                      | 0.59              | 36.85           |
| 0.737                                                          | 21.01      | 51.25               | 0.46           | 5.53           | 177.98                      | 0.56              | 36.85           |
| 0.756                                                          | 21.01      | 51.25               | 0.76           | 5.6            | 177.69                      | 0.61              | 36.85           |
| 0.782                                                          | 21.01      | 51.25               | 0.88           | 5.67           | 170.39                      | 0.67              | 36.85           |
| 0.804                                                          | 21.02      | 51.25               | 0.8            | 5.83           | 141.33                      | 0.57              | 36.85           |
| 0.806                                                          | 21.02      | 51.25               | 1.07           | 5.85           | 169.02                      | 0.65              | 36.85           |
| 0.839                                                          | 21.02      | 51.25               | 0.72           | 5.85           | 181.31                      | 0.57              | 36.85           |
| 0.882                                                          | 21.02      | 51.26               | 0.8            | 5.84           | 164.27                      | 0.63              | 36.86           |
| 0.919                                                          | 21.02      | 51.26               | 0.84           | 5.8            | 149.2                       | 0.62              | 36.86           |
| 0.95                                                           | 21.02      | 51.26               | 0.92           | 5.76           | 149.13                      | 0.64              | 36.86           |
| 0.987                                                          | 21.02      | 51.26               | 0.84           | 5.75           | 177.49                      | 0.59              | 36.86           |
| 1.021                                                          | 21.02      | 51.26               | 0.65           | 5.78           | 163.32                      | 0.61              | 36.86           |
| 1.029                                                          | 21.02      | 51.26               | 0.8            | 6.31           | 162.3                       | 0.56              | 36.86           |
| 1.037                                                          | 21.02      | 51.26               | 0.69           | 6.47           | 149.83                      | 0.6               | 36.86           |
| 1.063                                                          | 21.02      | 51.26               | 0.8            | 6.6            | 136.09                      | 0.68              | 36.85           |
| 1.102                                                          | 21.02      | 51.26               | 0.8            | 6.69           | 141.59                      | 0.66              | 36.85           |
| 1.141                                                          | 21.02      | 51.26               | 0.69           | 6.76           | 150.52                      | 0.6               | 36.86           |
| 1.183                                                          | 21.02      | 51.27               | 0.95           | 6.8            | 157.59                      | 0.63              | 36.86           |
| 1.227                                                          | 21.03      | 51.27               | 0.8            | 6.82           | 149.79                      | 0.63              | 36.86           |
| 1.259                                                          | 21.03      | 51.27               | 0.8            | 6.83           | 145.78                      | 0.6               | 36.86           |
| 1.27                                                           | 21.03      | 51.27               | 0.95           | 6.83           | 154.12                      | 0.62              | 36.86           |
| 1.282                                                          | 21.03      | 51.27               | 0.95           | 6.83           | 149.27                      | 0.65              | 36.86           |
| 1.304                                                          | 21.03      | 51.27               | 0.84           | 6.84           | 149.24                      | 0.63              | 36.86           |
| 1.327                                                          | 21.03      | 51.27               | 0.8            | 6.86           | 150.24                      | 0.61              | 36.86           |
| 1.34                                                           | 21.03      | 51.27               | 0.76           | 6.88           | 142.48                      | 0.61              | 36.86           |
| 1.348                                                          | 21.03      | 51.27               | 0.72           | 6.9            | 141.69                      | 0.62              | 36.86           |
| 1.366                                                          | 21.03      | 51.27               | 0.76           | 6.94           | 142.15                      | 0.64              | 36.86           |
| 1.394                                                          | 21.03      | 51.27               | 0.8            | 6.96           | 146.97                      | 0.68              | 36.86           |
| 1.406                                                          | 21.03      | 51.27               | 0.8            | 6.97           | 134.99                      | 0.63              | 36.86           |
| 1.429                                                          | 21.03      | 51.27               | 0.8            | 6.97           | 138.57                      | 0.66              | 36.86           |
| 1.472                                                          | 21.03      | 51.27               | 1.3            | 6.97           | 141.46                      | 0.7               | 36.86           |
| 1.503                                                          | 21.03      | 51.27               | 0.8            | 6.97           | 141.1                       | 0.63              | 36.86           |
| 1.516                                                          | 21.03      | 51.27               | 1.11           | 6.97           | 134.67                      | 0.67              | 36.86           |
| 1.535                                                          | 21.03      | 51.27               | 0.84           | 6.97           | 135.46                      | 0.64              | 36.86           |
| 1.588                                                          | 21.03      | 51.27               | 0.8            | 6.97           | 135.68                      | 0.63              | 36.86           |

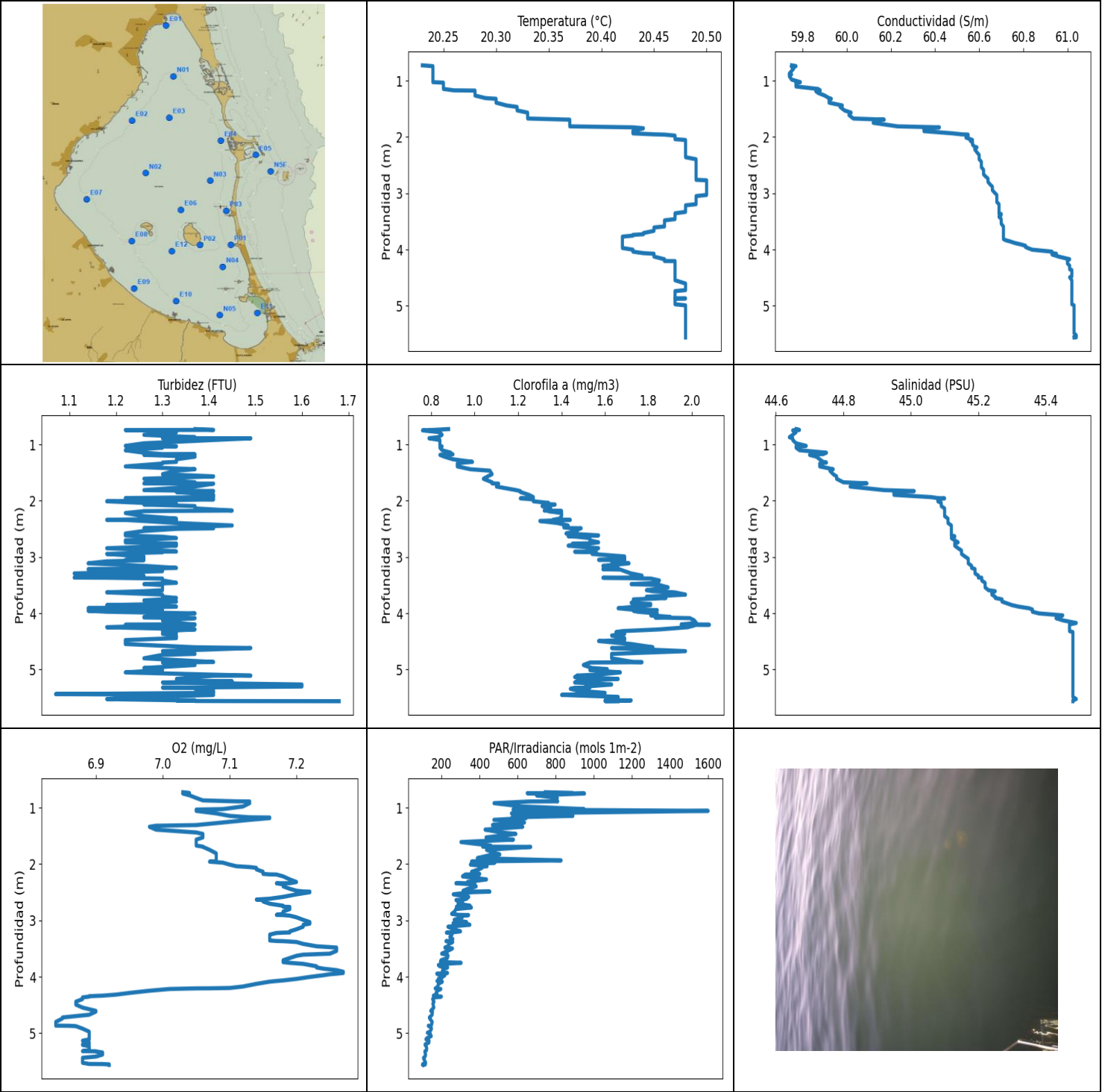


|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.649 | 21.03 | 51.27 | 0.88 | 6.97 | 137.54 | 0.67 | 36.86 |
| 1.683 | 21.03 | 51.27 | 0.61 | 6.96 | 137.45 | 0.59 | 36.86 |
| 1.703 | 21.03 | 51.27 | 0.99 | 6.98 | 136.18 | 0.66 | 36.86 |
| 1.738 | 21.03 | 51.27 | 0.88 | 6.99 | 136.65 | 0.66 | 36.86 |
| 1.761 | 21.03 | 51.27 | 0.84 | 7.01 | 138.76 | 0.69 | 36.86 |
| 1.762 | 21.03 | 51.27 | 0.88 | 7.05 | 132.91 | 0.63 | 36.86 |
| 1.777 | 21.02 | 51.27 | 0.92 | 7.07 | 133.4  | 0.63 | 36.86 |
| 1.809 | 21.02 | 51.27 | 0.72 | 7.08 | 131.13 | 0.63 | 36.86 |
| 1.843 | 21.03 | 51.27 | 0.72 | 7.09 | 128.72 | 0.66 | 36.86 |
| 1.86  | 21.02 | 51.27 | 0.76 | 7.11 | 129.41 | 0.66 | 36.86 |
| 1.869 | 21.03 | 51.27 | 0.69 | 7.12 | 134.21 | 0.66 | 36.86 |
| 1.889 | 21.03 | 51.27 | 0.8  | 7.13 | 132.75 | 0.66 | 36.86 |
| 1.922 | 21.03 | 51.27 | 0.84 | 7.14 | 126.15 | 0.66 | 36.86 |
| 1.954 | 21.03 | 51.27 | 0.88 | 7.15 | 125.16 | 0.68 | 36.86 |
| 1.981 | 21.03 | 51.27 | 0.8  | 7.14 | 128.01 | 0.65 | 36.86 |
| 2.014 | 21.03 | 51.27 | 0.84 | 7.14 | 131.83 | 0.68 | 36.86 |
| 2.057 | 21.03 | 51.27 | 0.8  | 7.11 | 130.83 | 0.71 | 36.86 |
| 2.087 | 21.03 | 51.27 | 0.84 | 7.09 | 130.04 | 0.72 | 36.86 |
| 2.093 | 21.03 | 51.27 | 0.8  | 7.09 | 132.88 | 0.7  | 36.86 |
| 2.101 | 21.03 | 51.27 | 0.76 | 7.09 | 133.46 | 0.67 | 36.86 |
| 2.117 | 21.03 | 51.27 | 0.92 | 7.11 | 129.26 | 0.77 | 36.86 |
| 2.13  | 21.03 | 51.27 | 0.92 | 7.12 | 128.31 | 0.69 | 36.86 |
| 2.154 | 21.03 | 51.27 | 0.76 | 7.13 | 129.5  | 0.67 | 36.86 |
| 2.197 | 21.03 | 51.27 | 0.69 | 7.13 | 130.83 | 0.65 | 36.86 |
| 2.213 | 21.03 | 51.27 | 0.72 | 7.13 | 125.45 | 0.69 | 36.86 |
| 2.244 | 21.03 | 51.27 | 0.76 | 7.14 | 125.98 | 0.72 | 36.86 |
| 2.297 | 21.03 | 51.27 | 0.92 | 7.14 | 127.92 | 0.69 | 36.86 |
| 2.356 | 21.03 | 51.27 | 0.76 | 7.14 | 129.95 | 0.64 | 36.86 |
| 2.403 | 21.03 | 51.27 | 0.84 | 7.13 | 128.54 | 0.7  | 36.86 |
| 2.43  | 21.03 | 51.27 | 0.88 | 7.12 | 127.74 | 0.65 | 36.86 |
| 2.446 | 21.03 | 51.27 | 0.76 | 7.11 | 127.77 | 0.66 | 36.86 |
| 2.458 | 21.03 | 51.27 | 0.84 | 7.1  | 129.68 | 0.67 | 36.86 |
| 2.466 | 21.03 | 51.27 | 0.8  | 7.09 | 130.92 | 0.69 | 36.86 |
| 2.471 | 21.03 | 51.27 | 0.76 | 7.1  | 131.22 | 0.68 | 36.86 |
| 2.479 | 21.03 | 51.27 | 0.76 | 7.12 | 131.62 | 0.68 | 36.86 |
| 2.497 | 21.03 | 51.27 | 0.88 | 7.14 | 132.54 | 0.69 | 36.86 |
| 2.524 | 21.03 | 51.27 | 0.8  | 7.17 | 134.86 | 0.68 | 36.86 |
| 2.557 | 21.03 | 51.27 | 0.92 | 7.19 | 134.21 | 0.69 | 36.86 |
| 2.59  | 21.03 | 51.27 | 0.95 | 7.21 | 130.86 | 0.67 | 36.86 |
| 2.622 | 21.03 | 51.27 | 0.8  | 7.21 | 128.96 | 0.81 | 36.86 |
| 2.65  | 21.03 | 51.27 | 0.92 | 7.2  | 128.34 | 0.72 | 36.86 |
| 2.67  | 21.03 | 51.27 | 0.92 | 7.19 | 128.93 | 0.69 | 36.86 |
| 2.676 | 21.03 | 51.27 | 0.72 | 7.19 | 131.28 | 0.64 | 36.86 |
| 2.682 | 21.03 | 51.27 | 0.76 | 7.18 | 131.86 | 0.69 | 36.86 |
| 2.703 | 21.03 | 51.27 | 0.8  | 7.18 | 132.81 | 0.8  | 36.86 |
| 2.737 | 21.03 | 51.27 | 0.76 | 7.19 | 136.88 | 0.69 | 36.86 |
| 2.775 | 21.03 | 51.27 | 0.99 | 7.19 | 137.99 | 0.65 | 36.86 |
| 2.804 | 21.03 | 51.27 | 0.72 | 7.2  | 137.19 | 0.65 | 36.86 |
| 2.82  | 21.03 | 51.27 | 0.72 | 7.18 | 138.09 | 0.69 | 36.86 |
| 2.821 | 21.03 | 51.27 | 0.8  | 7.17 | 139.21 | 0.65 | 36.86 |
| 2.823 | 21.03 | 51.27 | 0.88 | 7.17 | 140.09 | 0.66 | 36.86 |
| 2.84  | 21.03 | 51.27 | 0.95 | 7.16 | 139.83 | 0.67 | 36.86 |
| 2.875 | 21.03 | 51.27 | 0.84 | 7.16 | 137.45 | 0.7  | 36.86 |
| 2.91  | 21.03 | 51.27 | 0.95 | 7.16 | 135.46 | 0.69 | 36.86 |
| 2.938 | 21.03 | 51.27 | 0.69 | 7.17 | 136.91 | 0.72 | 36.86 |
| 2.97  | 21.03 | 51.27 | 0.99 | 7.19 | 141.82 | 0.71 | 36.86 |
| 3.013 | 21.03 | 51.27 | 0.84 | 7.2  | 145.14 | 0.72 | 36.86 |
| 3.046 | 21.03 | 51.27 | 0.84 | 7.22 | 143.27 | 0.69 | 36.86 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.05  | 21.03 | 51.27 | 0.84 | 7.23 | 141.36 | 0.65 | 36.86 |
| 3.077 | 21.03 | 51.27 | 0.72 | 7.23 | 142.64 | 0.67 | 36.86 |
| 3.133 | 21.03 | 51.27 | 0.84 | 7.22 | 141.95 | 0.71 | 36.86 |
| 3.183 | 21.03 | 51.27 | 0.8  | 7.21 | 142.08 | 0.68 | 36.86 |
| 3.208 | 21.03 | 51.27 | 0.72 | 7.18 | 142.48 | 0.69 | 36.86 |
| 3.209 | 21.03 | 51.27 | 0.69 | 7.17 | 144.14 | 0.72 | 36.86 |
| 3.223 | 21.03 | 51.27 | 0.88 | 7.16 | 147.52 | 0.71 | 36.86 |
| 3.236 | 21.03 | 51.27 | 0.84 | 7.16 | 151.85 | 0.7  | 36.86 |
| 3.243 | 21.03 | 51.27 | 0.72 | 7.17 | 157.55 | 0.69 | 36.86 |
| 3.252 | 21.03 | 51.27 | 0.69 | 7.18 | 162.75 | 0.72 | 36.86 |
| 3.271 | 21.03 | 51.27 | 0.84 | 7.19 | 164.53 | 0.67 | 36.86 |
| 3.3   | 21.03 | 51.27 | 0.76 | 7.2  | 166.6  | 0.69 | 36.86 |
| 3.333 | 21.03 | 51.27 | 0.92 | 7.21 | 160.17 | 0.71 | 36.86 |
| 3.372 | 21.03 | 51.27 | 0.88 | 7.21 | 156.93 | 0.66 | 36.86 |
| 3.42  | 21.03 | 51.27 | 0.88 | 7.22 | 156.1  | 0.69 | 36.86 |
| 3.46  | 21.03 | 51.27 | 0.8  | 7.22 | 157.15 | 0.68 | 36.86 |
| 3.475 | 21.03 | 51.27 | 0.72 | 7.22 | 164.42 | 1.37 | 36.86 |
| 3.484 | 21.03 | 51.27 | 0.76 | 7.22 | 181.73 | 0.85 | 36.86 |
| 3.509 | 21.03 | 51.27 | 0.88 | 7.2  | 194.01 | 0.76 | 36.86 |
| 3.529 | 21.03 | 51.27 | 0.8  | 7.2  | 186.77 | 0.67 | 36.86 |
| 3.538 | 21.03 | 51.27 | 0.92 | 7.2  | 181.82 | 0.69 | 36.86 |
| 3.556 | 21.03 | 51.27 | 0.8  | 7.2  | 188.47 | 0.7  | 36.86 |
| 3.589 | 21.03 | 51.27 | 0.88 | 7.2  | 181.4  | 0.66 | 36.86 |
| 3.626 | 21.03 | 51.27 | 0.92 | 7.21 | 175.04 | 0.72 | 36.86 |
| 3.662 | 21.03 | 51.27 | 0.84 | 7.23 | 177.24 | 0.69 | 36.86 |
| 3.702 | 21.03 | 51.27 | 0.76 | 7.23 | 186.99 | 0.71 | 36.86 |
| 3.754 | 21.03 | 51.27 | 0.88 | 7.23 | 203.83 | 0.67 | 36.86 |
| 3.77  | 21.03 | 51.27 | 0.8  | 7.24 | 173.74 | 0.69 | 36.86 |
| 3.777 | 21.03 | 51.27 | 0.8  | 7.23 | 218.6  | 0.63 | 36.86 |
| 3.8   | 21.03 | 51.27 | 0.88 | 7.22 | 246.32 | 0.67 | 36.86 |
| 3.809 | 21.03 | 51.27 | 0.84 | 7.22 | 220.85 | 0.7  | 36.86 |
| 3.81  | 21.03 | 51.27 | 0.84 | 7.22 | 201.01 | 0.71 | 36.86 |
| 3.828 | 21.03 | 51.27 | 0.8  | 7.21 | 207.93 | 0.68 | 36.86 |
| 3.851 | 21.03 | 51.27 | 0.76 | 7.21 | 250.29 | 0.66 | 36.86 |
| 3.861 | 21.03 | 51.27 | 0.76 | 7.22 | 216.79 | 0.64 | 36.86 |
| 3.871 | 21.03 | 51.27 | 0.76 | 7.21 | 259.15 | 0.69 | 36.86 |
| 3.898 | 21.03 | 51.27 | 0.88 | 7.2  | 246.55 | 0.72 | 36.86 |
| 3.944 | 21.03 | 51.27 | 0.72 | 7.2  | 264.18 | 0.72 | 36.86 |
| 3.994 | 21.03 | 51.27 | 0.8  | 7.2  | 295.27 | 0.72 | 36.86 |
| 4.038 | 21.03 | 51.27 | 0.84 | 7.21 | 274.03 | 0.67 | 36.86 |
| 4.076 | 21.03 | 51.27 | 0.76 | 7.22 | 209.62 | 0.74 | 36.86 |
| 4.108 | 21.03 | 51.27 | 0.8  | 7.23 | 261.32 | 0.69 | 36.86 |
| 4.133 | 21.03 | 51.27 | 0.72 | 7.23 | 227.5  | 0.69 | 36.86 |
| 4.145 | 21.03 | 51.27 | 0.84 | 7.24 | 271.88 | 0.68 | 36.86 |
| 4.146 | 21.03 | 51.27 | 0.8  | 7.25 | 354.93 | 0.67 | 36.86 |
| 4.151 | 21.03 | 51.27 | 0.88 | 7.25 | 256.99 | 0.66 | 36.86 |
| 4.17  | 21.03 | 51.27 | 0.84 | 7.25 | 219.98 | 0.66 | 36.86 |
| 4.206 | 21.03 | 51.27 | 0.88 | 7.26 | 269.5  | 0.68 | 36.86 |
| 4.245 | 21.03 | 51.27 | 0.84 | 7.26 | 274.35 | 0.69 | 36.86 |
| 4.279 | 21.03 | 51.27 | 0.84 | 7.26 | 285.31 | 0.67 | 36.86 |
| 4.285 | 21.03 | 51.27 | 0.8  | 7.22 | 276.26 | 0.72 | 36.86 |
| 4.308 | 21.03 | 51.27 | 0.88 | 7.21 | 315.65 | 0.68 | 36.86 |
| 4.341 | 21.03 | 51.27 | 0.84 | 7.22 | 313.75 | 0.69 | 36.86 |
| 4.372 | 21.03 | 51.27 | 0.72 | 7.22 | 265.59 | 0.7  | 36.86 |
| 4.402 | 21.03 | 51.27 | 0.92 | 7.23 | 231.11 | 0.69 | 36.86 |
| 4.448 | 21.03 | 51.27 | 0.92 | 7.23 | 228.29 | 0.7  | 36.86 |
| 4.502 | 21.03 | 51.27 | 0.88 | 7.25 | 287.03 | 0.71 | 36.86 |
| 4.542 | 21.03 | 51.27 | 0.99 | 7.25 | 267.88 | 0.69 | 36.86 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.562 | 21.03 | 51.27 | 0.8  | 7.26 | 230.57 | 0.71 | 36.86 |
| 4.574 | 21.03 | 51.27 | 1.03 | 7.26 | 251.22 | 0.7  | 36.86 |
| 4.585 | 21.03 | 51.27 | 0.8  | 7.25 | 284.06 | 0.72 | 36.86 |
| 4.612 | 21.03 | 51.27 | 0.8  | 7.24 | 253.74 | 0.68 | 36.86 |
| 4.669 | 21.03 | 51.27 | 0.84 | 7.25 | 261.01 | 0.74 | 36.86 |
| 4.709 | 21.03 | 51.27 | 0.99 | 7.25 | 306.0  | 0.72 | 36.86 |
| 4.716 | 21.03 | 51.27 | 0.76 | 7.24 | 280.85 | 0.72 | 36.86 |
| 4.755 | 21.03 | 51.27 | 0.92 | 7.25 | 263.51 | 0.66 | 36.86 |
| 4.8   | 21.03 | 51.27 | 0.72 | 7.25 | 258.07 | 0.69 | 36.86 |
| 4.846 | 21.03 | 51.27 | 1.03 | 7.26 | 270.94 | 0.74 | 36.86 |
| 4.95  | 21.03 | 51.27 | 0.8  | 7.26 | 280.2  | 0.69 | 36.86 |
| 4.998 | 21.03 | 51.27 | 0.92 | 7.27 | 252.33 | 0.69 | 36.86 |
| 4.999 | 21.03 | 51.27 | 0.65 | 7.25 | 276.46 | 0.72 | 36.86 |
| 5.014 | 21.03 | 51.27 | 0.8  | 7.25 | 247.64 | 0.7  | 36.86 |
| 5.045 | 21.03 | 51.27 | 0.69 | 7.26 | 250.17 | 0.7  | 36.86 |
| 5.072 | 21.03 | 51.27 | 0.92 | 7.27 | 295.75 | 0.71 | 36.86 |
| 5.093 | 21.03 | 51.27 | 0.84 | 7.27 | 283.6  | 0.69 | 36.86 |
| 5.113 | 21.03 | 51.27 | 1.03 | 7.27 | 264.06 | 0.72 | 36.86 |
| 5.135 | 21.03 | 51.27 | 0.76 | 7.28 | 234.73 | 0.69 | 36.86 |
| 5.161 | 21.03 | 51.27 | 0.8  | 7.27 | 259.15 | 0.72 | 36.86 |
| 5.192 | 21.03 | 51.27 | 0.57 | 7.27 | 286.7  | 0.75 | 36.86 |
| 5.223 | 21.03 | 51.27 | 0.72 | 7.26 | 253.44 | 0.69 | 36.86 |
| 5.252 | 21.03 | 51.27 | 0.84 | 7.26 | 235.54 | 0.67 | 36.86 |
| 5.265 | 21.02 | 51.27 | 0.76 | 7.27 | 272.32 | 0.81 | 36.86 |
| 5.272 | 21.02 | 51.27 | 0.76 | 7.26 | 284.39 | 0.72 | 36.86 |
| 5.324 | 21.02 | 51.27 | 0.92 | 7.26 | 277.29 | 0.73 | 36.86 |
| 5.402 | 21.02 | 51.27 | 0.88 | 7.25 | 279.94 | 0.73 | 36.86 |
| 5.467 | 21.02 | 51.27 | 0.84 | 7.25 | 263.38 | 0.77 | 36.86 |
| 5.498 | 21.02 | 51.27 | 0.88 | 7.25 | 254.09 | 0.69 | 36.86 |
| 5.51  | 21.02 | 51.27 | 0.69 | 7.24 | 249.42 | 0.69 | 36.86 |
| 5.531 | 21.02 | 51.27 | 0.8  | 7.25 | 236.64 | 0.69 | 36.86 |
| 5.569 | 21.02 | 51.27 | 0.88 | 7.25 | 234.78 | 0.71 | 36.86 |
| 5.608 | 21.03 | 51.27 | 0.84 | 7.26 | 230.04 | 0.69 | 36.86 |
| 5.619 | 21.02 | 51.27 | 0.72 | 7.26 | 233.37 | 0.72 | 36.86 |
| 5.621 | 21.02 | 51.27 | 0.8  | 7.25 | 259.87 | 0.71 | 36.86 |
| 5.636 | 21.02 | 51.27 | 0.8  | 7.24 | 265.78 | 0.74 | 36.86 |
| 5.646 | 21.02 | 51.27 | 0.8  | 7.23 | 253.15 | 0.69 | 36.86 |
| 5.663 | 21.02 | 51.27 | 0.76 | 7.22 | 226.23 | 0.76 | 36.86 |
| 5.69  | 21.02 | 51.27 | 0.8  | 7.23 | 209.72 | 0.74 | 36.86 |
| 5.712 | 21.02 | 51.27 | 0.99 | 7.23 | 221.92 | 0.72 | 36.86 |
| 5.721 | 21.02 | 51.27 | 0.76 | 7.24 | 264.12 | 0.66 | 36.86 |
| 5.723 | 21.02 | 51.27 | 0.76 | 7.24 | 262.11 | 0.65 | 36.86 |
| 5.731 | 21.02 | 51.27 | 0.88 | 7.24 | 255.57 | 0.72 | 36.86 |
| 5.749 | 21.02 | 51.27 | 0.8  | 7.25 | 232.56 | 0.73 | 36.86 |
| 5.778 | 21.02 | 51.27 | 0.92 | 7.25 | 237.85 | 0.72 | 36.86 |
| 5.815 | 21.02 | 51.27 | 0.92 | 7.26 | 245.18 | 0.8  | 36.86 |
| 5.854 | 21.02 | 51.28 | 0.88 | 7.26 | 254.44 | 0.83 | 36.86 |
| 5.879 | 21.02 | 51.28 | 0.84 | 7.26 | 224.77 | 0.8  | 36.86 |
| 5.886 | 21.02 | 51.28 | 0.84 | 7.27 | 223.11 | 0.73 | 36.86 |
| 5.891 | 21.02 | 51.28 | 0.84 | 7.27 | 243.37 | 0.74 | 36.86 |
| 5.921 | 21.02 | 51.27 | 0.95 | 7.26 | 252.68 | 0.69 | 36.86 |
| 5.977 | 21.02 | 51.27 | 0.88 | 7.25 | 255.74 | 0.7  | 36.86 |
| 6.028 | 20.99 | 51.26 | 0.76 | 7.23 | 224.72 | 0.72 | 36.89 |
| 6.05  | 20.99 | 51.26 | 0.69 | 7.22 | 209.38 | 0.7  | 36.88 |
| 6.068 | 20.98 | 51.26 | 0.95 | 7.15 | 232.99 | 0.82 | 36.89 |
| 6.077 | 20.98 | 51.26 | 0.8  | 7.15 | 236.31 | 0.72 | 36.89 |
| 6.11  | 20.98 | 51.26 | 0.8  | 7.16 | 239.84 | 0.82 | 36.89 |
| 6.148 | 20.99 | 51.26 | 0.8  | 7.17 | 246.26 | 0.72 | 36.88 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 6.189 | 20.99 | 51.26 | 0.72 | 7.17 | 245.07 | 0.69 | 36.88 |
| 6.241 | 20.98 | 51.25 | 0.76 | 7.18 | 242.81 | 0.76 | 36.88 |
| 6.293 | 20.97 | 51.22 | 0.84 | 7.19 | 231.27 | 0.75 | 36.87 |
| 6.325 | 20.95 | 51.22 | 0.88 | 7.19 | 235.82 | 0.69 | 36.88 |
| 6.336 | 20.94 | 51.23 | 0.99 | 7.18 | 241.07 | 0.72 | 36.9  |
| 6.346 | 20.94 | 51.23 | 0.99 | 7.17 | 237.74 | 0.79 | 36.9  |
| 6.372 | 20.94 | 51.22 | 0.88 | 7.15 | 224.56 | 0.69 | 36.9  |
| 6.405 | 20.93 | 51.21 | 0.8  | 7.14 | 225.29 | 0.74 | 36.89 |
| 6.432 | 20.93 | 51.22 | 0.92 | 7.11 | 240.34 | 0.72 | 36.9  |
| 6.464 | 20.93 | 51.21 | 0.76 | 7.09 | 259.45 | 0.7  | 36.9  |
| 6.495 | 20.9  | 51.2  | 0.84 | 7.02 | 226.71 | 0.67 | 36.91 |
| 6.511 | 20.91 | 51.21 | 0.84 | 7.02 | 224.3  | 0.69 | 36.91 |
| 6.521 | 20.91 | 51.2  | 0.92 | 6.98 | 247.01 | 0.69 | 36.9  |
| 6.527 | 20.91 | 51.2  | 0.92 | 6.98 | 239.95 | 0.72 | 36.9  |
| 6.538 | 20.89 | 51.18 | 0.95 | 6.93 | 228.39 | 0.65 | 36.9  |
| 6.545 | 20.89 | 51.19 | 1.07 | 6.97 | 216.04 | 0.69 | 36.91 |
| 6.573 | 20.9  | 51.2  | 1.07 | 6.96 | 235.93 | 0.67 | 36.91 |
| 6.577 | 20.9  | 51.2  | 1.03 | 6.95 | 221.82 | 0.69 | 36.91 |
| 6.602 | 20.91 | 51.2  | 0.99 | 6.95 | 205.53 | 0.69 | 36.91 |
| 6.65  | 20.91 | 51.21 | 0.92 | 6.94 | 211.67 | 0.71 | 36.91 |
| 6.708 | 20.91 | 51.19 | 1.14 | 6.93 | 216.59 | 0.69 | 36.89 |
| 6.761 | 20.9  | 51.17 | 1.14 | 6.94 | 210.7  | 0.66 | 36.89 |
| 6.799 | 20.89 | 51.18 | 1.03 | 6.94 | 210.01 | 0.68 | 36.9  |
| 6.816 | 20.89 | 51.18 | 0.99 | 6.96 | 213.3  | 0.67 | 36.9  |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.23      | 59.74               | 1.07           | 6.84           | 99.94                       | 0.76              | 44.64           |
| PROF (metros)                                                                | 0.725      | 0.87                | 5.438          | 4.801          | 5.562                       | 0.748             | 0.87            |
| MÁXIMO                                                                       | 20.5       | 20.5                | 1.68           | 7.27           | 1598.9                      | 2.08              | 45.49           |
| PROF (metros)                                                                | 2.77       | 5.526               | 5.564          | 3.911          | 1.056                       | 4.205             | 4.173           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E04 - Punto 009                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.24      | 59.75               | 1.34           | 7.07           | 736.76                      | 0.82              | 44.65           |
| 1 - 2m                                                     | 20.33      | 60.05               | 1.32           | 7.07           | 581.85                      | 1.02              | 44.81           |
| 2 - 3m                                                     | 20.49      | 60.61               | 1.29           | 7.17           | 338.06                      | 1.44              | 45.12           |
| 3 - 4m                                                     | 20.46      | 60.71               | 1.25           | 7.21           | 238.09                      | 1.74              | 45.24           |
| 4 - 5m                                                     | 20.47      | 61.0                | 1.31           | 6.96           | 163.94                      | 1.77              | 45.47           |
| 5 - 6m                                                     | 20.48      | 61.03               | 1.38           | 6.89           | 116.61                      | 1.56              | 45.48           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

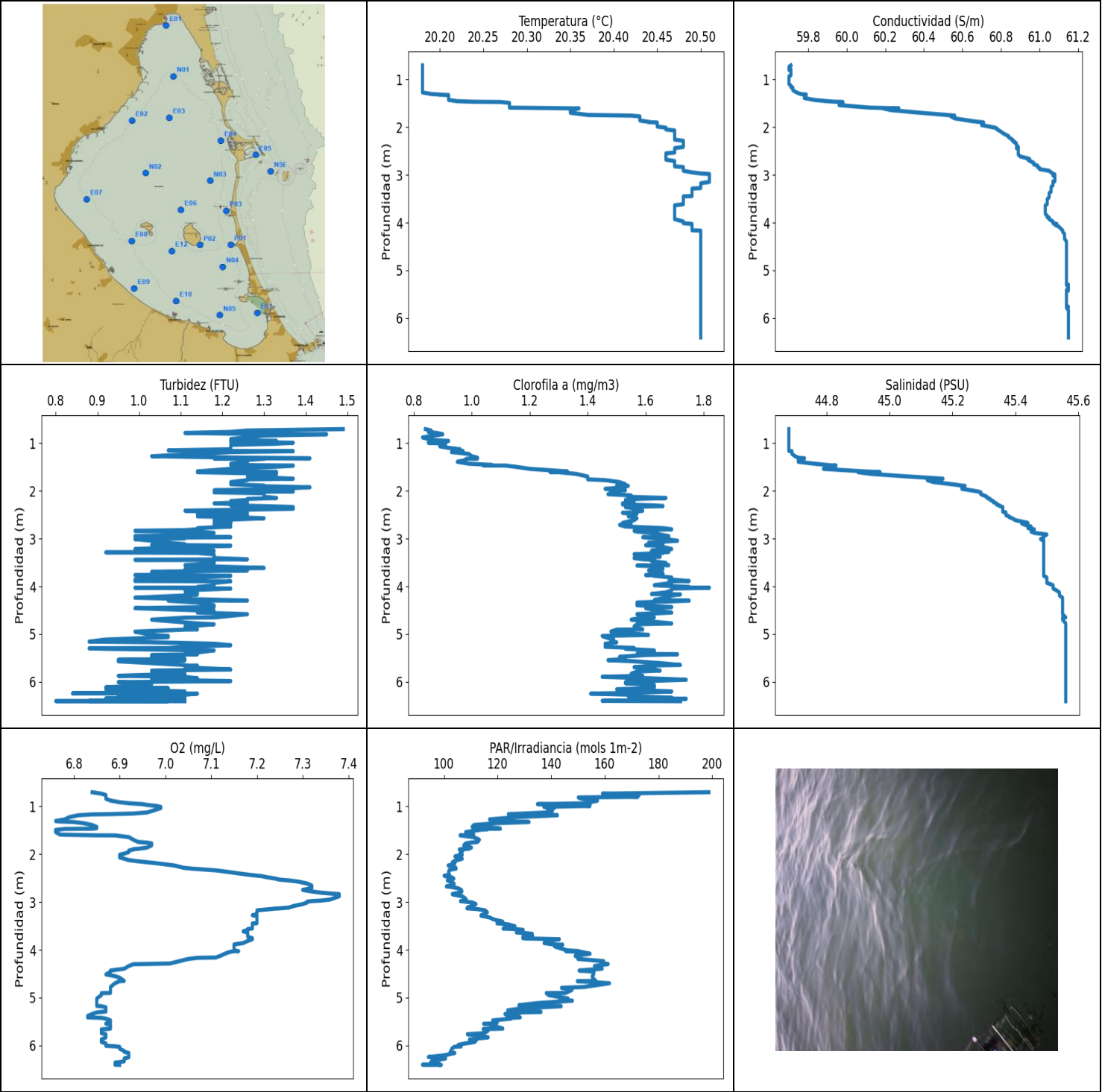
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.725                                                          | 20.23      | 59.75               | 1.37           | 7.03           | 744.98                      | 0.88              | 44.66           |
| 0.74                                                           | 20.24      | 59.77               | 1.41           | 7.04           | 888.06                      | 0.81              | 44.67           |
| 0.742                                                          | 20.24      | 59.75               | 1.22           | 7.03           | 649.61                      | 0.79              | 44.66           |
| 0.748                                                          | 20.24      | 59.75               | 1.3            | 7.03           | 950.25                      | 0.76              | 44.65           |
| 0.78                                                           | 20.24      | 59.76               | 1.33           | 7.04           | 698.49                      | 0.84              | 44.66           |
| 0.827                                                          | 20.24      | 59.75               | 1.26           | 7.05           | 807.37                      | 0.85              | 44.65           |
| 0.87                                                           | 20.24      | 59.74               | 1.37           | 7.06           | 791.26                      | 0.83              | 44.64           |
| 0.887                                                          | 20.24      | 59.75               | 1.3            | 7.11           | 809.62                      | 0.79              | 44.65           |
| 0.889                                                          | 20.24      | 59.74               | 1.49           | 7.13           | 666.54                      | 0.79              | 44.65           |
| 0.919                                                          | 20.24      | 59.74               | 1.41           | 7.13           | 475.41                      | 0.84              | 44.65           |
| 0.978                                                          | 20.24      | 59.75               | 1.26           | 7.12           | 622.78                      | 0.84              | 44.66           |
| 1.024                                                          | 20.24      | 59.79               | 1.22           | 7.09           | 947.39                      | 0.84              | 44.69           |
| 1.032                                                          | 20.25      | 59.78               | 1.33           | 7.05           | 761.39                      | 0.85              | 44.67           |
| 1.033                                                          | 20.25      | 59.77               | 1.26           | 7.05           | 575.19                      | 0.85              | 44.66           |
| 1.056                                                          | 20.25      | 59.77               | 1.3            | 7.05           | 1598.9                      | 0.84              | 44.66           |
| 1.101                                                          | 20.25      | 59.77               | 1.22           | 7.08           | 566.85                      | 0.85              | 44.67           |
| 1.145                                                          | 20.25      | 59.87               | 1.26           | 7.1            | 889.3                       | 0.89              | 44.75           |
| 1.17                                                           | 20.26      | 59.88               | 1.3            | 7.13           | 572.4                       | 0.87              | 44.74           |
| 1.174                                                          | 20.28      | 59.87               | 1.37           | 7.16           | 569.48                      | 0.9               | 44.71           |
| 1.184                                                          | 20.28      | 59.86               | 1.26           | 7.16           | 643.62                      | 0.84              | 44.7            |
| 1.215                                                          | 20.28      | 59.87               | 1.37           | 7.13           | 474.86                      | 0.86              | 44.72           |
| 1.262                                                          | 20.28      | 59.9                | 1.33           | 7.09           | 635.61                      | 0.9               | 44.73           |
| 1.308                                                          | 20.29      | 59.92               | 1.33           | 7.05           | 467.22                      | 0.99              | 44.74           |
| 1.32                                                           | 20.3       | 59.93               | 1.3            | 6.99           | 599.41                      | 0.95              | 44.75           |
| 1.338                                                          | 20.3       | 59.92               | 1.3            | 6.98           | 626.4                       | 0.92              | 44.73           |
| 1.389                                                          | 20.3       | 59.92               | 1.22           | 6.99           | 428.62                      | 0.92              | 44.73           |
| 1.439                                                          | 20.31      | 59.98               | 1.37           | 7.05           | 514.03                      | 0.98              | 44.77           |
| 1.465                                                          | 20.32      | 59.97               | 1.33           | 7.06           | 590.31                      | 1.07              | 44.76           |
| 1.527                                                          | 20.32      | 59.99               | 1.3            | 7.06           | 433.62                      | 1.08              | 44.77           |
| 1.566                                                          | 20.33      | 60.02               | 1.41           | 7.05           | 577.59                      | 1.06              | 44.78           |
| 1.609                                                          | 20.33      | 60.01               | 1.26           | 7.05           | 302.12                      | 1.04              | 44.78           |
| 1.671                                                          | 20.33      | 60.03               | 1.37           | 7.05           | 458.0                       | 1.08              | 44.8            |
| 1.691                                                          | 20.37      | 60.17               | 1.26           | 7.06           | 415.9                       | 1.08              | 44.87           |
| 1.695                                                          | 20.37      | 60.14               | 1.41           | 7.06           | 668.09                      | 1.11              | 44.84           |
| 1.747                                                          | 20.37      | 60.12               | 1.37           | 7.07           | 436.04                      | 1.1               | 44.82           |
| 1.81                                                           | 20.37      | 60.23               | 1.26           | 7.08           | 486.44                      | 1.19              | 44.92           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.828 | 20.43 | 60.42 | 1.41 | 7.08 | 505.88 | 1.21 | 45.01 |
| 1.844 | 20.44 | 60.35 | 1.33 | 7.08 | 450.63 | 1.21 | 44.95 |
| 1.895 | 20.43 | 60.35 | 1.41 | 7.08 | 387.6  | 1.25 | 44.95 |
| 1.935 | 20.43 | 60.48 | 1.41 | 7.08 | 827.45 | 1.27 | 45.06 |
| 1.952 | 20.45 | 60.52 | 1.22 | 7.08 | 372.02 | 1.24 | 45.08 |
| 1.957 | 20.46 | 60.55 | 1.33 | 7.07 | 357.07 | 1.21 | 45.1  |
| 1.975 | 20.47 | 60.55 | 1.41 | 7.09 | 479.84 | 1.27 | 45.08 |
| 2.009 | 20.47 | 60.54 | 1.18 | 7.1  | 351.41 | 1.27 | 45.08 |
| 2.038 | 20.47 | 60.56 | 1.26 | 7.11 | 439.18 | 1.34 | 45.09 |
| 2.053 | 20.48 | 60.57 | 1.33 | 7.13 | 399.55 | 1.32 | 45.09 |
| 2.067 | 20.48 | 60.56 | 1.26 | 7.14 | 412.25 | 1.37 | 45.09 |
| 2.094 | 20.48 | 60.57 | 1.37 | 7.14 | 395.5  | 1.31 | 45.09 |
| 2.136 | 20.48 | 60.57 | 1.37 | 7.15 | 357.98 | 1.35 | 45.1  |
| 2.174 | 20.48 | 60.58 | 1.45 | 7.15 | 400.48 | 1.32 | 45.1  |
| 2.183 | 20.48 | 60.59 | 1.26 | 7.16 | 398.07 | 1.4  | 45.1  |
| 2.185 | 20.48 | 60.59 | 1.26 | 7.17 | 324.85 | 1.34 | 45.1  |
| 2.218 | 20.48 | 60.58 | 1.22 | 7.18 | 310.07 | 1.4  | 45.1  |
| 2.272 | 20.48 | 60.59 | 1.26 | 7.19 | 436.04 | 1.4  | 45.1  |
| 2.318 | 20.48 | 60.6  | 1.33 | 7.2  | 335.96 | 1.39 | 45.11 |
| 2.339 | 20.48 | 60.6  | 1.18 | 7.19 | 360.06 | 1.36 | 45.11 |
| 2.34  | 20.48 | 60.6  | 1.33 | 7.18 | 374.36 | 1.44 | 45.11 |
| 2.341 | 20.48 | 60.6  | 1.22 | 7.17 | 275.63 | 1.43 | 45.11 |
| 2.359 | 20.48 | 60.6  | 1.26 | 7.18 | 367.57 | 1.3  | 45.11 |
| 2.395 | 20.49 | 60.6  | 1.33 | 7.18 | 381.72 | 1.38 | 45.11 |
| 2.439 | 20.49 | 60.61 | 1.45 | 7.19 | 338.46 | 1.43 | 45.12 |
| 2.473 | 20.49 | 60.61 | 1.33 | 7.2  | 313.24 | 1.41 | 45.12 |
| 2.486 | 20.49 | 60.61 | 1.26 | 7.21 | 366.21 | 1.44 | 45.12 |
| 2.489 | 20.49 | 60.61 | 1.41 | 7.22 | 453.67 | 1.49 | 45.12 |
| 2.499 | 20.49 | 60.61 | 1.33 | 7.22 | 359.56 | 1.48 | 45.12 |
| 2.537 | 20.49 | 60.61 | 1.26 | 7.2  | 261.5  | 1.47 | 45.12 |
| 2.582 | 20.49 | 60.62 | 1.22 | 7.18 | 342.48 | 1.42 | 45.12 |
| 2.615 | 20.49 | 60.62 | 1.22 | 7.16 | 331.39 | 1.57 | 45.12 |
| 2.63  | 20.49 | 60.62 | 1.26 | 7.14 | 315.36 | 1.43 | 45.13 |
| 2.639 | 20.49 | 60.62 | 1.3  | 7.15 | 275.94 | 1.47 | 45.13 |
| 2.664 | 20.49 | 60.62 | 1.33 | 7.15 | 310.93 | 1.53 | 45.12 |
| 2.704 | 20.49 | 60.63 | 1.22 | 7.16 | 286.84 | 1.53 | 45.13 |
| 2.739 | 20.49 | 60.64 | 1.22 | 7.18 | 349.86 | 1.57 | 45.14 |
| 2.757 | 20.49 | 60.64 | 1.3  | 7.18 | 278.39 | 1.53 | 45.13 |
| 2.761 | 20.49 | 60.64 | 1.33 | 7.19 | 299.26 | 1.45 | 45.13 |
| 2.77  | 20.5  | 60.64 | 1.26 | 7.19 | 356.82 | 1.47 | 45.13 |
| 2.798 | 20.5  | 60.64 | 1.33 | 7.19 | 275.94 | 1.43 | 45.13 |
| 2.844 | 20.5  | 60.65 | 1.18 | 7.18 | 268.44 | 1.57 | 45.14 |
| 2.883 | 20.5  | 60.66 | 1.3  | 7.18 | 253.21 | 1.52 | 45.15 |
| 2.902 | 20.5  | 60.66 | 1.33 | 7.17 | 288.77 | 1.52 | 45.15 |
| 2.905 | 20.5  | 60.66 | 1.26 | 7.18 | 341.93 | 1.46 | 45.15 |
| 2.915 | 20.5  | 60.66 | 1.3  | 7.19 | 296.64 | 1.56 | 45.15 |
| 2.945 | 20.5  | 60.66 | 1.18 | 7.2  | 308.56 | 1.54 | 45.15 |
| 2.99  | 20.5  | 60.67 | 1.26 | 7.21 | 266.52 | 1.69 | 45.16 |
| 3.03  | 20.5  | 60.68 | 1.26 | 7.22 | 331.55 | 1.69 | 45.17 |
| 3.05  | 20.49 | 60.68 | 1.22 | 7.22 | 260.59 | 1.57 | 45.17 |
| 3.052 | 20.49 | 60.68 | 1.26 | 7.22 | 261.07 | 1.61 | 45.17 |
| 3.057 | 20.49 | 60.68 | 1.26 | 7.22 | 324.78 | 1.69 | 45.17 |
| 3.077 | 20.49 | 60.68 | 1.18 | 7.21 | 348.81 | 1.63 | 45.17 |
| 3.112 | 20.49 | 60.68 | 1.14 | 7.21 | 233.8  | 1.71 | 45.17 |
| 3.157 | 20.49 | 60.68 | 1.26 | 7.2  | 263.57 | 1.59 | 45.18 |
| 3.194 | 20.49 | 60.69 | 1.33 | 7.19 | 299.68 | 1.66 | 45.18 |
| 3.214 | 20.48 | 60.69 | 1.22 | 7.19 | 252.1  | 1.63 | 45.19 |
| 3.217 | 20.48 | 60.69 | 1.14 | 7.18 | 225.55 | 1.59 | 45.19 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.223 | 20.48 | 60.69 | 1.3  | 7.17 | 251.34 | 1.67 | 45.19 |
| 3.252 | 20.48 | 60.69 | 1.3  | 7.16 | 254.5  | 1.69 | 45.19 |
| 3.292 | 20.48 | 60.69 | 1.11 | 7.16 | 243.93 | 1.72 | 45.19 |
| 3.331 | 20.48 | 60.69 | 1.26 | 7.16 | 259.21 | 1.77 | 45.2  |
| 3.356 | 20.47 | 60.69 | 1.26 | 7.16 | 243.37 | 1.72 | 45.2  |
| 3.365 | 20.47 | 60.69 | 1.11 | 7.17 | 238.34 | 1.71 | 45.2  |
| 3.368 | 20.47 | 60.7  | 1.18 | 7.18 | 223.37 | 1.59 | 45.21 |
| 3.383 | 20.47 | 60.7  | 1.3  | 7.2  | 258.73 | 1.81 | 45.21 |
| 3.417 | 20.47 | 60.69 | 1.3  | 7.21 | 239.84 | 1.85 | 45.21 |
| 3.459 | 20.47 | 60.7  | 1.33 | 7.23 | 233.53 | 1.84 | 45.22 |
| 3.482 | 20.46 | 60.7  | 1.26 | 7.26 | 217.75 | 1.72 | 45.22 |
| 3.498 | 20.46 | 60.7  | 1.3  | 7.26 | 257.47 | 1.85 | 45.22 |
| 3.541 | 20.46 | 60.7  | 1.3  | 7.26 | 232.72 | 1.89 | 45.22 |
| 3.59  | 20.46 | 60.71 | 1.3  | 7.25 | 200.87 | 1.79 | 45.23 |
| 3.608 | 20.45 | 60.71 | 1.26 | 7.21 | 231.16 | 1.82 | 45.25 |
| 3.628 | 20.45 | 60.71 | 1.18 | 7.2  | 234.02 | 1.92 | 45.24 |
| 3.668 | 20.45 | 60.71 | 1.3  | 7.19 | 230.68 | 1.97 | 45.24 |
| 3.707 | 20.44 | 60.71 | 1.3  | 7.18 | 197.41 | 1.79 | 45.25 |
| 3.728 | 20.44 | 60.71 | 1.33 | 7.18 | 194.64 | 1.88 | 45.25 |
| 3.74  | 20.43 | 60.71 | 1.3  | 7.18 | 208.27 | 1.82 | 45.26 |
| 3.753 | 20.43 | 60.71 | 1.3  | 7.19 | 302.89 | 1.73 | 45.27 |
| 3.771 | 20.42 | 60.71 | 1.26 | 7.21 | 214.79 | 1.73 | 45.27 |
| 3.792 | 20.42 | 60.71 | 1.33 | 7.22 | 183.38 | 1.75 | 45.27 |
| 3.814 | 20.42 | 60.71 | 1.3  | 7.23 | 191.06 | 1.72 | 45.28 |
| 3.835 | 20.42 | 60.72 | 1.3  | 7.23 | 232.18 | 1.81 | 45.29 |
| 3.856 | 20.42 | 60.74 | 1.18 | 7.24 | 207.83 | 1.81 | 45.3  |
| 3.883 | 20.42 | 60.76 | 1.33 | 7.26 | 205.92 | 1.74 | 45.32 |
| 3.911 | 20.42 | 60.79 | 1.14 | 7.27 | 204.25 | 1.66 | 45.35 |
| 3.933 | 20.42 | 60.81 | 1.3  | 7.27 | 231.59 | 1.72 | 45.36 |
| 3.945 | 20.42 | 60.81 | 1.26 | 7.26 | 175.16 | 1.84 | 45.36 |
| 3.955 | 20.42 | 60.81 | 1.14 | 7.25 | 180.39 | 1.73 | 45.36 |
| 3.973 | 20.42 | 60.82 | 1.18 | 7.24 | 217.59 | 1.75 | 45.36 |
| 4.003 | 20.43 | 60.84 | 1.37 | 7.22 | 205.58 | 1.84 | 45.38 |
| 4.038 | 20.43 | 60.93 | 1.3  | 7.2  | 183.43 | 1.81 | 45.45 |
| 4.065 | 20.44 | 60.93 | 1.26 | 7.18 | 199.57 | 1.9  | 45.44 |
| 4.075 | 20.45 | 60.95 | 1.26 | 7.17 | 176.26 | 1.83 | 45.44 |
| 4.087 | 20.45 | 60.93 | 1.37 | 7.16 | 204.25 | 1.99 | 45.43 |
| 4.126 | 20.45 | 60.96 | 1.3  | 7.14 | 184.24 | 2.01 | 45.45 |
| 4.173 | 20.46 | 61.01 | 1.33 | 7.12 | 179.68 | 2.02 | 45.49 |
| 4.199 | 20.46 | 61.0  | 1.37 | 7.1  | 173.22 | 1.95 | 45.47 |
| 4.205 | 20.46 | 61.0  | 1.22 | 7.07 | 172.58 | 2.08 | 45.47 |
| 4.206 | 20.47 | 61.0  | 1.37 | 7.05 | 166.95 | 2.01 | 45.47 |
| 4.217 | 20.47 | 61.0  | 1.3  | 7.01 | 196.5  | 2.01 | 45.47 |
| 4.248 | 20.47 | 61.0  | 1.18 | 6.98 | 177.98 | 1.98 | 45.47 |
| 4.287 | 20.47 | 61.01 | 1.37 | 6.95 | 171.42 | 1.85 | 45.47 |
| 4.317 | 20.47 | 61.01 | 1.3  | 6.93 | 177.49 | 1.68 | 45.47 |
| 4.335 | 20.47 | 61.01 | 1.33 | 6.91 | 157.33 | 1.65 | 45.48 |
| 4.345 | 20.47 | 61.01 | 1.33 | 6.89 | 165.83 | 1.66 | 45.48 |
| 4.352 | 20.47 | 61.01 | 1.3  | 6.89 | 199.25 | 1.68 | 45.48 |
| 4.366 | 20.47 | 61.02 | 1.3  | 6.88 | 163.66 | 1.69 | 45.48 |
| 4.396 | 20.47 | 61.02 | 1.33 | 6.88 | 153.37 | 1.63 | 45.48 |
| 4.442 | 20.47 | 61.02 | 1.33 | 6.87 | 160.47 | 1.69 | 45.48 |
| 4.477 | 20.47 | 61.02 | 1.22 | 6.87 | 154.77 | 1.69 | 45.48 |
| 4.494 | 20.47 | 61.01 | 1.22 | 6.87 | 155.96 | 1.57 | 45.48 |
| 4.547 | 20.47 | 61.02 | 1.22 | 6.88 | 159.5  | 1.72 | 45.48 |
| 4.605 | 20.48 | 61.02 | 1.37 | 6.9  | 143.37 | 1.82 | 45.48 |
| 4.618 | 20.48 | 61.02 | 1.49 | 6.9  | 152.31 | 1.63 | 45.48 |
| 4.674 | 20.48 | 61.02 | 1.3  | 6.89 | 150.8  | 1.97 | 45.48 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.722 | 20.48 | 61.02 | 1.37 | 6.85 | 136.31 | 1.63 | 45.48 |
| 4.74  | 20.47 | 61.02 | 1.3  | 6.85 | 137.93 | 1.63 | 45.48 |
| 4.801 | 20.47 | 61.02 | 1.26 | 6.84 | 151.22 | 1.63 | 45.48 |
| 4.867 | 20.47 | 61.02 | 1.41 | 6.84 | 146.29 | 1.73 | 45.48 |
| 4.87  | 20.48 | 61.02 | 1.37 | 6.86 | 130.59 | 1.77 | 45.48 |
| 4.876 | 20.47 | 61.02 | 1.3  | 6.87 | 137.48 | 1.53 | 45.48 |
| 4.92  | 20.47 | 61.02 | 1.37 | 6.88 | 147.45 | 1.5  | 45.48 |
| 4.974 | 20.47 | 61.02 | 1.26 | 6.89 | 139.21 | 1.54 | 45.48 |
| 4.993 | 20.48 | 61.03 | 1.3  | 6.89 | 125.8  | 1.61 | 45.48 |
| 5.01  | 20.48 | 61.03 | 1.3  | 6.89 | 140.09 | 1.53 | 45.48 |
| 5.052 | 20.48 | 61.03 | 1.22 | 6.89 | 146.05 | 1.67 | 45.48 |
| 5.092 | 20.48 | 61.03 | 1.41 | 6.89 | 122.52 | 1.56 | 45.48 |
| 5.109 | 20.48 | 61.03 | 1.49 | 6.89 | 118.28 | 1.47 | 45.48 |
| 5.111 | 20.48 | 61.03 | 1.41 | 6.89 | 128.37 | 1.48 | 45.48 |
| 5.135 | 20.48 | 61.03 | 1.37 | 6.88 | 134.46 | 1.46 | 45.48 |
| 5.168 | 20.48 | 61.03 | 1.33 | 6.89 | 133.71 | 1.66 | 45.48 |
| 5.191 | 20.48 | 61.03 | 1.37 | 6.89 | 118.36 | 1.53 | 45.48 |
| 5.201 | 20.48 | 61.03 | 1.37 | 6.88 | 114.03 | 1.57 | 45.48 |
| 5.209 | 20.48 | 61.03 | 1.45 | 6.88 | 113.76 | 1.47 | 45.48 |
| 5.231 | 20.48 | 61.03 | 1.3  | 6.89 | 119.05 | 1.46 | 45.48 |
| 5.267 | 20.48 | 61.03 | 1.6  | 6.89 | 122.27 | 1.63 | 45.48 |
| 5.302 | 20.48 | 61.03 | 1.6  | 6.89 | 121.11 | 1.51 | 45.48 |
| 5.32  | 20.48 | 61.03 | 1.37 | 6.88 | 115.06 | 1.52 | 45.48 |
| 5.322 | 20.48 | 61.03 | 1.3  | 6.9  | 113.21 | 1.53 | 45.48 |
| 5.326 | 20.48 | 61.03 | 1.37 | 6.9  | 112.61 | 1.46 | 45.48 |
| 5.344 | 20.48 | 61.03 | 1.37 | 6.91 | 113.82 | 1.44 | 45.48 |
| 5.38  | 20.48 | 61.03 | 1.41 | 6.91 | 116.27 | 1.48 | 45.48 |
| 5.416 | 20.48 | 61.03 | 1.41 | 6.9  | 113.82 | 1.6  | 45.48 |
| 5.438 | 20.48 | 61.03 | 1.07 | 6.88 | 105.63 | 1.5  | 45.48 |
| 5.452 | 20.48 | 61.03 | 1.41 | 6.88 | 106.32 | 1.4  | 45.48 |
| 5.487 | 20.48 | 61.03 | 1.26 | 6.88 | 111.44 | 1.66 | 45.48 |
| 5.526 | 20.48 | 61.04 | 1.18 | 6.88 | 116.7  | 1.66 | 45.49 |
| 5.547 | 20.48 | 61.04 | 1.33 | 6.89 | 107.14 | 1.6  | 45.48 |
| 5.548 | 20.48 | 61.03 | 1.37 | 6.9  | 102.64 | 1.69 | 45.48 |
| 5.549 | 20.48 | 61.03 | 1.33 | 6.91 | 109.42 | 1.72 | 45.48 |
| 5.555 | 20.48 | 61.04 | 1.37 | 6.92 | 115.36 | 1.69 | 45.48 |
| 5.56  | 20.48 | 61.04 | 1.37 | 6.92 | 104.63 | 1.63 | 45.48 |
| 5.562 | 20.48 | 61.04 | 1.45 | 6.92 | 99.94  | 1.6  | 45.48 |
| 5.564 | 20.48 | 61.03 | 1.68 | 6.92 | 102.33 | 1.66 | 45.48 |



| 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/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.18      | 59.7                | 0.8            | 6.76           | 91.96                       | 0.83              | 44.68           |
| PROF (metros)                                                                | 0.703      | 0.733               | 6.404          | 1.304          | 6.402                       | 0.877             | 0.703           |
| MÁXIMO                                                                       | 20.51      | 20.51               | 1.49           | 7.38           | 198.79                      | 1.82              | 45.56           |
| PROF (metros)                                                                | 2.981      | 5.299               | 0.703          | 2.835          | 0.703                       | 4.028             | 4.651           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N03 - Punto 010                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.18      | 59.7                | 1.28           | 6.9            | 159.67                      | 0.87              | 44.68           |
| 1 - 2m                                                     | 20.29      | 60.08               | 1.26           | 6.88           | 118.92                      | 1.18              | 44.89           |
| 2 - 3m                                                     | 20.47      | 60.91               | 1.21           | 7.18           | 104.02                      | 1.57              | 45.39           |
| 3 - 4m                                                     | 20.49      | 61.05               | 1.12           | 7.2            | 124.11                      | 1.64              | 45.49           |
| 4 - 5m                                                     | 20.49      | 61.13               | 1.13           | 6.97           | 152.04                      | 1.64              | 45.55           |
| 5 - 6m                                                     | 20.5       | 61.14               | 1.07           | 6.86           | 123.35                      | 1.56              | 45.56           |
| 6 - 7m                                                     | 20.5       | 61.15               | 1.0            | 6.9            | 98.74                       | 1.59              | 45.56           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

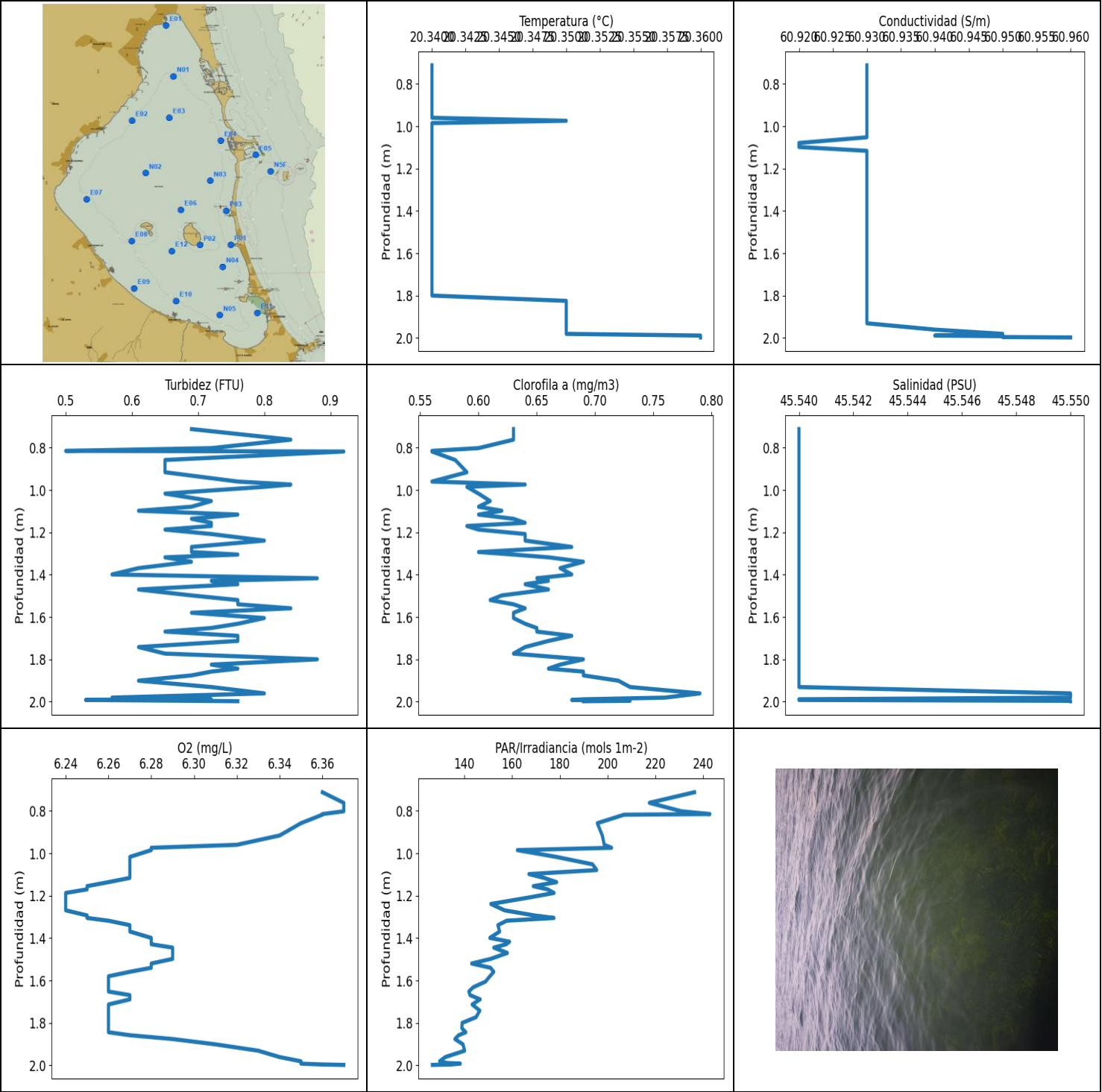
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.703                                                          | 20.18      | 59.71               | 1.49           | 6.84           | 198.79                      | 0.84              | 44.68           |
| 0.733                                                          | 20.18      | 59.7                | 1.26           | 6.86           | 159.1                       | 0.86              | 44.68           |
| 0.762                                                          | 20.18      | 59.7                | 1.22           | 6.87           | 172.78                      | 0.85              | 44.68           |
| 0.784                                                          | 20.18      | 59.71               | 1.11           | 6.87           | 166.03                      | 0.88              | 44.68           |
| 0.799                                                          | 20.18      | 59.7                | 1.22           | 6.87           | 172.3                       | 0.89              | 44.68           |
| 0.812                                                          | 20.18      | 59.71               | 1.45           | 6.87           | 150.07                      | 0.9               | 44.68           |
| 0.84                                                           | 20.18      | 59.71               | 1.3            | 6.87           | 151.4                       | 0.87              | 44.68           |
| 0.877                                                          | 20.18      | 59.71               | 1.26           | 6.88           | 157.26                      | 0.83              | 44.68           |
| 0.912                                                          | 20.18      | 59.71               | 1.22           | 6.9            | 154.62                      | 0.85              | 44.68           |
| 0.934                                                          | 20.18      | 59.7                | 1.22           | 6.92           | 154.59                      | 0.87              | 44.68           |
| 0.952                                                          | 20.18      | 59.7                | 1.33           | 6.95           | 134.83                      | 0.92              | 44.68           |
| 0.969                                                          | 20.18      | 59.7                | 1.22           | 6.96           | 149.48                      | 0.9               | 44.68           |
| 0.989                                                          | 20.18      | 59.7                | 1.37           | 6.98           | 154.44                      | 0.85              | 44.68           |
| 1.01                                                           | 20.18      | 59.7                | 1.33           | 6.99           | 137.23                      | 0.91              | 44.68           |
| 1.035                                                          | 20.18      | 59.7                | 1.22           | 6.99           | 141.13                      | 0.89              | 44.68           |
| 1.066                                                          | 20.18      | 59.7                | 1.22           | 6.98           | 138.57                      | 0.89              | 44.68           |
| 1.097                                                          | 20.18      | 59.7                | 1.22           | 6.97           | 140.38                      | 0.92              | 44.68           |
| 1.126                                                          | 20.18      | 59.71               | 1.22           | 6.96           | 138.5                       | 0.96              | 44.68           |
| 1.149                                                          | 20.18      | 59.71               | 1.07           | 6.93           | 129.86                      | 0.94              | 44.68           |
| 1.161                                                          | 20.18      | 59.71               | 1.22           | 6.88           | 123.98                      | 0.97              | 44.68           |
| 1.167                                                          | 20.18      | 59.72               | 1.37           | 6.84           | 139.31                      | 0.95              | 44.69           |
| 1.185                                                          | 20.18      | 59.72               | 1.22           | 6.81           | 142.31                      | 0.93              | 44.69           |
| 1.224                                                          | 20.18      | 59.72               | 1.14           | 6.79           | 127.03                      | 0.99              | 44.69           |
| 1.272                                                          | 20.18      | 59.74               | 1.03           | 6.78           | 116.97                      | 1.0               | 44.7            |
| 1.304                                                          | 20.19      | 59.76               | 1.26           | 6.76           | 121.9                       | 1.02              | 44.71           |
| 1.316                                                          | 20.2       | 59.79               | 1.41           | 6.77           | 124.12                      | 1.0               | 44.73           |
| 1.318                                                          | 20.2       | 59.79               | 1.18           | 6.78           | 127.59                      | 1.02              | 44.72           |
| 1.326                                                          | 20.21      | 59.78               | 1.3            | 6.8            | 131.71                      | 0.98              | 44.71           |
| 1.35                                                           | 20.21      | 59.78               | 1.26           | 6.82           | 119.77                      | 0.98              | 44.71           |
| 1.389                                                          | 20.21      | 59.78               | 1.26           | 6.84           | 111.11                      | 0.95              | 44.71           |
| 1.428                                                          | 20.21      | 59.83               | 1.22           | 6.85           | 110.49                      | 0.99              | 44.76           |
| 1.455                                                          | 20.22      | 59.9                | 1.22           | 6.85           | 120.52                      | 1.07              | 44.8            |
| 1.467                                                          | 20.24      | 59.94               | 1.37           | 6.84           | 121.03                      | 1.04              | 44.82           |
| 1.468                                                          | 20.25      | 59.97               | 1.37           | 6.81           | 115.09                      | 1.12              | 44.83           |
| 1.471                                                          | 20.27      | 59.98               | 1.37           | 6.78           | 116.43                      | 1.12              | 44.82           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.492 | 20.28 | 59.98 | 1.33 | 6.76 | 113.21 | 1.15 | 44.81 |
| 1.537 | 20.28 | 59.96 | 1.22 | 6.76 | 108.06 | 1.2  | 44.79 |
| 1.59  | 20.28 | 60.12 | 1.14 | 6.77 | 111.05 | 1.33 | 44.92 |
| 1.605 | 20.35 | 60.27 | 1.33 | 6.85 | 110.57 | 1.27 | 44.97 |
| 1.606 | 20.36 | 60.19 | 1.14 | 6.89 | 105.97 | 1.3  | 44.9  |
| 1.642 | 20.35 | 60.23 | 1.33 | 6.92 | 111.05 | 1.36 | 44.94 |
| 1.697 | 20.35 | 60.38 | 1.26 | 6.93 | 113.19 | 1.4  | 45.06 |
| 1.743 | 20.37 | 60.52 | 1.37 | 6.94 | 112.53 | 1.4  | 45.17 |
| 1.757 | 20.42 | 60.56 | 1.26 | 6.96 | 109.85 | 1.4  | 45.14 |
| 1.773 | 20.43 | 60.54 | 1.26 | 6.97 | 108.08 | 1.46 | 45.12 |
| 1.814 | 20.43 | 60.56 | 1.22 | 6.97 | 107.36 | 1.51 | 45.14 |
| 1.86  | 20.43 | 60.63 | 1.22 | 6.96 | 110.21 | 1.53 | 45.2  |
| 1.887 | 20.44 | 60.68 | 1.3  | 6.94 | 109.17 | 1.5  | 45.23 |
| 1.893 | 20.44 | 60.7  | 1.3  | 6.93 | 106.54 | 1.54 | 45.24 |
| 1.901 | 20.45 | 60.71 | 1.3  | 6.93 | 105.68 | 1.52 | 45.24 |
| 1.923 | 20.45 | 60.7  | 1.41 | 6.92 | 107.04 | 1.53 | 45.23 |
| 1.956 | 20.45 | 60.7  | 1.33 | 6.92 | 106.07 | 1.46 | 45.23 |
| 1.987 | 20.45 | 60.74 | 1.18 | 6.91 | 106.0  | 1.53 | 45.26 |
| 2.01  | 20.46 | 60.77 | 1.37 | 6.9  | 106.79 | 1.48 | 45.28 |
| 2.029 | 20.46 | 60.78 | 1.18 | 6.9  | 105.17 | 1.49 | 45.29 |
| 2.047 | 20.46 | 60.78 | 1.3  | 6.9  | 104.05 | 1.48 | 45.29 |
| 2.068 | 20.47 | 60.79 | 1.3  | 6.9  | 105.48 | 1.47 | 45.29 |
| 2.094 | 20.47 | 60.8  | 1.3  | 6.91 | 106.79 | 1.55 | 45.3  |
| 2.123 | 20.47 | 60.81 | 1.3  | 6.92 | 104.95 | 1.54 | 45.31 |
| 2.147 | 20.47 | 60.82 | 1.33 | 6.94 | 103.71 | 1.67 | 45.31 |
| 2.167 | 20.47 | 60.83 | 1.26 | 6.96 | 103.12 | 1.57 | 45.32 |
| 2.188 | 20.47 | 60.84 | 1.26 | 6.98 | 104.08 | 1.53 | 45.32 |
| 2.212 | 20.47 | 60.84 | 1.22 | 7.0  | 103.33 | 1.54 | 45.33 |
| 2.236 | 20.47 | 60.85 | 1.26 | 7.02 | 101.53 | 1.56 | 45.33 |
| 2.26  | 20.47 | 60.86 | 1.18 | 7.03 | 103.09 | 1.52 | 45.34 |
| 2.284 | 20.48 | 60.86 | 1.26 | 7.04 | 104.41 | 1.52 | 45.34 |
| 2.303 | 20.48 | 60.87 | 1.22 | 7.06 | 104.49 | 1.63 | 45.35 |
| 2.317 | 20.48 | 60.87 | 1.3  | 7.08 | 102.78 | 1.66 | 45.35 |
| 2.337 | 20.48 | 60.88 | 1.37 | 7.11 | 101.88 | 1.53 | 45.36 |
| 2.374 | 20.48 | 60.88 | 1.37 | 7.14 | 101.69 | 1.57 | 45.36 |
| 2.414 | 20.48 | 60.89 | 1.11 | 7.17 | 102.0  | 1.59 | 45.36 |
| 2.438 | 20.47 | 60.88 | 1.18 | 7.19 | 101.55 | 1.56 | 45.36 |
| 2.448 | 20.47 | 60.89 | 1.18 | 7.2  | 100.03 | 1.57 | 45.37 |
| 2.457 | 20.47 | 60.89 | 1.26 | 7.21 | 100.26 | 1.52 | 45.37 |
| 2.478 | 20.47 | 60.89 | 1.14 | 7.22 | 102.66 | 1.57 | 45.37 |
| 2.509 | 20.47 | 60.89 | 1.26 | 7.24 | 103.67 | 1.56 | 45.37 |
| 2.532 | 20.47 | 60.89 | 1.14 | 7.25 | 102.73 | 1.54 | 45.38 |
| 2.548 | 20.46 | 60.89 | 1.22 | 7.27 | 101.22 | 1.56 | 45.38 |
| 2.572 | 20.46 | 60.89 | 1.3  | 7.29 | 102.09 | 1.57 | 45.39 |
| 2.613 | 20.46 | 60.9  | 1.18 | 7.31 | 103.74 | 1.56 | 45.4  |
| 2.655 | 20.46 | 60.94 | 1.22 | 7.32 | 103.69 | 1.53 | 45.43 |
| 2.673 | 20.46 | 60.95 | 1.18 | 7.32 | 100.85 | 1.52 | 45.44 |
| 2.681 | 20.46 | 60.94 | 1.22 | 7.32 | 102.24 | 1.55 | 45.42 |
| 2.709 | 20.47 | 60.95 | 1.18 | 7.32 | 105.07 | 1.51 | 45.43 |
| 2.746 | 20.47 | 60.97 | 1.22 | 7.3  | 106.47 | 1.53 | 45.45 |
| 2.779 | 20.47 | 60.97 | 1.14 | 7.32 | 106.69 | 1.66 | 45.44 |
| 2.804 | 20.47 | 60.99 | 1.14 | 7.34 | 105.73 | 1.69 | 45.46 |
| 2.821 | 20.47 | 60.99 | 1.11 | 7.36 | 103.86 | 1.6  | 45.46 |
| 2.835 | 20.48 | 60.99 | 0.99 | 7.38 | 103.07 | 1.56 | 45.45 |
| 2.852 | 20.48 | 61.0  | 1.14 | 7.38 | 104.15 | 1.57 | 45.45 |
| 2.879 | 20.48 | 61.0  | 1.18 | 7.38 | 106.79 | 1.63 | 45.46 |
| 2.913 | 20.48 | 61.05 | 1.14 | 7.37 | 107.68 | 1.65 | 45.5  |
| 2.947 | 20.49 | 61.06 | 0.99 | 7.36 | 108.31 | 1.68 | 45.49 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.97  | 20.5  | 61.07 | 1.22 | 7.34 | 107.14 | 1.59 | 45.49 |
| 2.981 | 20.51 | 61.07 | 1.03 | 7.32 | 106.12 | 1.61 | 45.49 |
| 2.99  | 20.51 | 61.08 | 1.11 | 7.31 | 107.73 | 1.66 | 45.49 |
| 3.01  | 20.51 | 61.07 | 0.99 | 7.31 | 110.54 | 1.67 | 45.48 |
| 3.043 | 20.51 | 61.08 | 1.03 | 7.3  | 111.91 | 1.71 | 45.49 |
| 3.084 | 20.51 | 61.08 | 1.07 | 7.28 | 110.28 | 1.61 | 45.49 |
| 3.116 | 20.51 | 61.08 | 1.11 | 7.27 | 108.74 | 1.61 | 45.49 |
| 3.132 | 20.51 | 61.08 | 1.03 | 7.25 | 108.56 | 1.66 | 45.49 |
| 3.136 | 20.51 | 61.07 | 1.11 | 7.24 | 109.93 | 1.6  | 45.49 |
| 3.147 | 20.51 | 61.07 | 1.22 | 7.23 | 112.37 | 1.63 | 45.49 |
| 3.175 | 20.5  | 61.07 | 1.11 | 7.2  | 115.36 | 1.66 | 45.49 |
| 3.217 | 20.5  | 61.07 | 0.99 | 7.2  | 116.16 | 1.69 | 45.49 |
| 3.253 | 20.5  | 61.06 | 1.18 | 7.2  | 114.98 | 1.62 | 45.49 |
| 3.276 | 20.5  | 61.06 | 1.11 | 7.19 | 113.84 | 1.68 | 45.49 |
| 3.287 | 20.49 | 61.06 | 0.92 | 7.2  | 113.79 | 1.66 | 45.49 |
| 3.3   | 20.49 | 61.06 | 1.14 | 7.2  | 115.3  | 1.66 | 45.49 |
| 3.327 | 20.49 | 61.06 | 1.18 | 7.2  | 117.22 | 1.56 | 45.49 |
| 3.354 | 20.49 | 61.06 | 1.18 | 7.2  | 118.06 | 1.6  | 45.49 |
| 3.379 | 20.49 | 61.05 | 1.18 | 7.2  | 119.47 | 1.65 | 45.49 |
| 3.407 | 20.49 | 61.05 | 1.18 | 7.2  | 121.79 | 1.56 | 45.49 |
| 3.432 | 20.49 | 61.05 | 1.26 | 7.2  | 122.04 | 1.59 | 45.49 |
| 3.444 | 20.49 | 61.05 | 0.99 | 7.2  | 119.74 | 1.63 | 45.49 |
| 3.449 | 20.48 | 61.05 | 1.18 | 7.19 | 120.89 | 1.63 | 45.49 |
| 3.47  | 20.48 | 61.05 | 1.18 | 7.19 | 124.09 | 1.62 | 45.49 |
| 3.508 | 20.48 | 61.04 | 1.18 | 7.19 | 126.47 | 1.67 | 45.49 |
| 3.541 | 20.48 | 61.04 | 1.14 | 7.19 | 123.03 | 1.66 | 45.49 |
| 3.555 | 20.48 | 61.04 | 1.11 | 7.19 | 122.04 | 1.68 | 45.49 |
| 3.563 | 20.48 | 61.04 | 1.18 | 7.18 | 125.95 | 1.57 | 45.49 |
| 3.583 | 20.48 | 61.04 | 1.18 | 7.18 | 129.53 | 1.65 | 45.49 |
| 3.614 | 20.48 | 61.04 | 1.3  | 7.17 | 127.15 | 1.63 | 45.49 |
| 3.637 | 20.47 | 61.03 | 1.11 | 7.18 | 126.97 | 1.66 | 45.49 |
| 3.649 | 20.47 | 61.03 | 1.11 | 7.18 | 129.89 | 1.63 | 45.49 |
| 3.665 | 20.47 | 61.03 | 1.26 | 7.18 | 132.88 | 1.61 | 45.49 |
| 3.694 | 20.47 | 61.03 | 1.03 | 7.18 | 133.03 | 1.62 | 45.49 |
| 3.729 | 20.47 | 61.03 | 1.11 | 7.18 | 129.38 | 1.66 | 45.49 |
| 3.756 | 20.47 | 61.03 | 1.07 | 7.19 | 129.38 | 1.61 | 45.49 |
| 3.763 | 20.47 | 61.03 | 0.99 | 7.19 | 130.37 | 1.6  | 45.49 |
| 3.764 | 20.47 | 61.03 | 1.07 | 7.19 | 132.23 | 1.62 | 45.49 |
| 3.778 | 20.47 | 61.03 | 1.22 | 7.19 | 143.01 | 1.63 | 45.49 |
| 3.814 | 20.47 | 61.03 | 1.14 | 7.18 | 139.05 | 1.69 | 45.5  |
| 3.858 | 20.47 | 61.04 | 0.99 | 7.17 | 137.32 | 1.69 | 45.5  |
| 3.887 | 20.47 | 61.04 | 0.99 | 7.15 | 140.7  | 1.75 | 45.5  |
| 3.893 | 20.47 | 61.05 | 1.22 | 7.15 | 144.27 | 1.68 | 45.5  |
| 3.927 | 20.47 | 61.05 | 1.18 | 7.15 | 141.19 | 1.69 | 45.5  |
| 3.976 | 20.48 | 61.07 | 1.18 | 7.15 | 143.84 | 1.63 | 45.52 |
| 4.011 | 20.48 | 61.07 | 1.14 | 7.15 | 145.92 | 1.75 | 45.52 |
| 4.027 | 20.49 | 61.09 | 1.18 | 7.16 | 150.38 | 1.72 | 45.52 |
| 4.028 | 20.49 | 61.08 | 0.99 | 7.15 | 145.41 | 1.82 | 45.52 |
| 4.046 | 20.49 | 61.08 | 1.22 | 7.14 | 151.47 | 1.69 | 45.52 |
| 4.082 | 20.49 | 61.1  | 1.11 | 7.13 | 154.48 | 1.69 | 45.53 |
| 4.126 | 20.49 | 61.11 | 1.14 | 7.12 | 148.93 | 1.67 | 45.54 |
| 4.161 | 20.49 | 61.12 | 1.11 | 7.11 | 149.96 | 1.62 | 45.54 |
| 4.167 | 20.5  | 61.12 | 1.14 | 7.07 | 150.0  | 1.72 | 45.54 |
| 4.191 | 20.5  | 61.12 | 1.11 | 7.05 | 150.0  | 1.69 | 45.54 |
| 4.238 | 20.5  | 61.13 | 0.99 | 7.03 | 159.58 | 1.67 | 45.55 |
| 4.286 | 20.5  | 61.13 | 1.22 | 7.01 | 158.65 | 1.63 | 45.55 |
| 4.296 | 20.5  | 61.13 | 1.26 | 6.95 | 161.21 | 1.75 | 45.55 |
| 4.301 | 20.5  | 61.13 | 1.07 | 6.93 | 160.87 | 1.75 | 45.55 |

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|-------|------|-------|------|------|--------|------|-------|
| 4.338 | 20.5 | 61.13 | 1.14 | 6.92 | 156.1  | 1.57 | 45.55 |
| 4.396 | 20.5 | 61.14 | 1.18 | 6.91 | 158.98 | 1.57 | 45.55 |
| 4.432 | 20.5 | 61.14 | 1.18 | 6.88 | 150.38 | 1.69 | 45.55 |
| 4.457 | 20.5 | 61.14 | 0.99 | 6.88 | 155.92 | 1.6  | 45.55 |
| 4.514 | 20.5 | 61.14 | 1.18 | 6.87 | 155.81 | 1.65 | 45.55 |
| 4.55  | 20.5 | 61.14 | 1.14 | 6.89 | 155.27 | 1.69 | 45.55 |
| 4.583 | 20.5 | 61.14 | 1.26 | 6.9  | 155.38 | 1.57 | 45.55 |
| 4.651 | 20.5 | 61.14 | 1.18 | 6.91 | 156.68 | 1.63 | 45.56 |
| 4.655 | 20.5 | 61.14 | 1.11 | 6.9  | 149.72 | 1.59 | 45.55 |
| 4.698 | 20.5 | 61.14 | 1.03 | 6.89 | 161.7  | 1.55 | 45.55 |
| 4.777 | 20.5 | 61.14 | 1.14 | 6.88 | 152.31 | 1.69 | 45.56 |
| 4.795 | 20.5 | 61.14 | 1.18 | 6.88 | 143.8  | 1.57 | 45.56 |
| 4.84  | 20.5 | 61.14 | 1.11 | 6.88 | 147.72 | 1.56 | 45.56 |
| 4.902 | 20.5 | 61.14 | 1.14 | 6.88 | 145.34 | 1.59 | 45.56 |
| 4.906 | 20.5 | 61.14 | 1.11 | 6.86 | 138.12 | 1.5  | 45.56 |
| 4.949 | 20.5 | 61.14 | 0.99 | 6.86 | 139.08 | 1.48 | 45.56 |
| 5.017 | 20.5 | 61.14 | 1.03 | 6.85 | 146.22 | 1.61 | 45.56 |
| 5.039 | 20.5 | 61.14 | 1.07 | 6.85 | 143.37 | 1.45 | 45.56 |
| 5.063 | 20.5 | 61.14 | 1.07 | 6.85 | 147.89 | 1.46 | 45.56 |
| 5.115 | 20.5 | 61.14 | 0.92 | 6.85 | 134.74 | 1.49 | 45.56 |
| 5.158 | 20.5 | 61.14 | 0.88 | 6.85 | 127.92 | 1.48 | 45.56 |
| 5.172 | 20.5 | 61.14 | 1.03 | 6.85 | 137.77 | 1.5  | 45.56 |
| 5.179 | 20.5 | 61.14 | 1.07 | 6.86 | 143.7  | 1.49 | 45.56 |
| 5.202 | 20.5 | 61.14 | 1.18 | 6.87 | 136.5  | 1.46 | 45.56 |
| 5.233 | 20.5 | 61.14 | 1.22 | 6.87 | 127.92 | 1.47 | 45.56 |
| 5.266 | 20.5 | 61.14 | 1.11 | 6.87 | 123.75 | 1.46 | 45.56 |
| 5.291 | 20.5 | 61.14 | 1.07 | 6.87 | 126.77 | 1.56 | 45.56 |
| 5.299 | 20.5 | 61.15 | 0.88 | 6.86 | 136.18 | 1.53 | 45.56 |
| 5.309 | 20.5 | 61.14 | 0.92 | 6.85 | 129.08 | 1.53 | 45.56 |
| 5.342 | 20.5 | 61.15 | 1.18 | 6.84 | 122.72 | 1.63 | 45.56 |
| 5.384 | 20.5 | 61.15 | 1.14 | 6.83 | 123.98 | 1.63 | 45.56 |
| 5.413 | 20.5 | 61.14 | 1.11 | 6.83 | 128.42 | 1.57 | 45.56 |
| 5.423 | 20.5 | 61.15 | 1.14 | 6.86 | 124.76 | 1.71 | 45.56 |
| 5.439 | 20.5 | 61.14 | 1.03 | 6.87 | 125.02 | 1.6  | 45.56 |
| 5.476 | 20.5 | 61.14 | 1.03 | 6.88 | 118.17 | 1.51 | 45.56 |
| 5.518 | 20.5 | 61.14 | 1.11 | 6.88 | 119.85 | 1.53 | 45.56 |
| 5.539 | 20.5 | 61.14 | 0.95 | 6.87 | 119.44 | 1.49 | 45.56 |
| 5.546 | 20.5 | 61.14 | 1.11 | 6.87 | 114.77 | 1.47 | 45.56 |
| 5.57  | 20.5 | 61.14 | 0.95 | 6.88 | 117.71 | 1.56 | 45.56 |
| 5.609 | 20.5 | 61.14 | 1.03 | 6.88 | 119.77 | 1.65 | 45.56 |
| 5.648 | 20.5 | 61.14 | 1.11 | 6.88 | 121.93 | 1.72 | 45.56 |
| 5.658 | 20.5 | 61.14 | 1.11 | 6.87 | 114.58 | 1.63 | 45.56 |
| 5.663 | 20.5 | 61.14 | 1.14 | 6.86 | 115.22 | 1.62 | 45.56 |
| 5.695 | 20.5 | 61.14 | 1.11 | 6.86 | 116.4  | 1.56 | 45.56 |
| 5.743 | 20.5 | 61.14 | 1.22 | 6.86 | 114.74 | 1.63 | 45.56 |
| 5.765 | 20.5 | 61.15 | 1.03 | 6.87 | 108.71 | 1.65 | 45.56 |
| 5.786 | 20.5 | 61.14 | 1.03 | 6.87 | 113.13 | 1.57 | 45.56 |
| 5.831 | 20.5 | 61.15 | 1.11 | 6.87 | 116.46 | 1.55 | 45.56 |
| 5.874 | 20.5 | 61.15 | 0.95 | 6.86 | 109.5  | 1.59 | 45.56 |
| 5.896 | 20.5 | 61.15 | 1.11 | 6.86 | 112.01 | 1.45 | 45.56 |
| 5.928 | 20.5 | 61.15 | 1.14 | 6.86 | 111.44 | 1.62 | 45.56 |
| 5.957 | 20.5 | 61.15 | 1.03 | 6.87 | 107.93 | 1.74 | 45.56 |
| 5.985 | 20.5 | 61.15 | 1.22 | 6.87 | 105.46 | 1.6  | 45.56 |
| 6.008 | 20.5 | 61.15 | 0.95 | 6.87 | 105.0  | 1.53 | 45.56 |
| 6.018 | 20.5 | 61.15 | 0.99 | 6.89 | 106.39 | 1.57 | 45.56 |
| 6.029 | 20.5 | 61.15 | 0.99 | 6.9  | 103.84 | 1.53 | 45.56 |
| 6.067 | 20.5 | 61.15 | 1.03 | 6.9  | 102.9  | 1.63 | 45.56 |
| 6.116 | 20.5 | 61.15 | 0.92 | 6.91 | 102.64 | 1.63 | 45.56 |

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|-------|------|-------|------|------|--------|------|-------|
| 6.133 | 20.5 | 61.15 | 1.07 | 6.91 | 102.28 | 1.6  | 45.56 |
| 6.157 | 20.5 | 61.15 | 0.92 | 6.92 | 104.05 | 1.5  | 45.56 |
| 6.202 | 20.5 | 61.15 | 1.11 | 6.92 | 100.59 | 1.69 | 45.56 |
| 6.237 | 20.5 | 61.15 | 0.95 | 6.92 | 95.1   | 1.53 | 45.56 |
| 6.243 | 20.5 | 61.15 | 0.84 | 6.92 | 94.16  | 1.45 | 45.56 |
| 6.247 | 20.5 | 61.15 | 1.14 | 6.92 | 98.58  | 1.41 | 45.56 |
| 6.272 | 20.5 | 61.15 | 1.11 | 6.91 | 100.59 | 1.55 | 45.56 |
| 6.304 | 20.5 | 61.15 | 0.95 | 6.91 | 97.76  | 1.54 | 45.56 |
| 6.331 | 20.5 | 61.15 | 1.11 | 6.91 | 95.32  | 1.69 | 45.56 |
| 6.348 | 20.5 | 61.15 | 0.92 | 6.9  | 95.17  | 1.63 | 45.56 |
| 6.357 | 20.5 | 61.15 | 0.95 | 6.89 | 94.99  | 1.74 | 45.56 |
| 6.364 | 20.5 | 61.15 | 1.03 | 6.89 | 95.52  | 1.69 | 45.56 |
| 6.379 | 20.5 | 61.15 | 1.11 | 6.89 | 97.2   | 1.62 | 45.56 |
| 6.393 | 20.5 | 61.15 | 0.99 | 6.89 | 98.47  | 1.52 | 45.56 |
| 6.4   | 20.5 | 61.15 | 0.88 | 6.89 | 96.86  | 1.45 | 45.56 |
| 6.402 | 20.5 | 61.15 | 1.07 | 6.89 | 91.96  | 1.56 | 45.56 |
| 6.404 | 20.5 | 61.15 | 0.8  | 6.89 | 92.82  | 1.63 | 45.56 |
| 6.406 | 20.5 | 61.15 | 0.95 | 6.9  | 98.99  | 1.69 | 45.56 |
| 6.407 | 20.5 | 61.15 | 1.11 | 6.9  | 98.6   | 1.72 | 45.56 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.34      | 60.92               | 0.5            | 6.24           | 126.59                      | 0.56              | 45.54           |
| PROF (metros)                                                                | 0.712      | 1.079               | 0.815          | 1.187          | 1.998                       | 0.815             | 0.712           |
| MÁXIMO                                                                       | 20.36      | 20.36               | 0.92           | 6.37           | 242.86                      | 0.79              | 45.55           |
| PROF (metros)                                                                | 1.989      | 1.998               | 0.818          | 0.712          | 0.815                       | 1.961             | 1.961           |

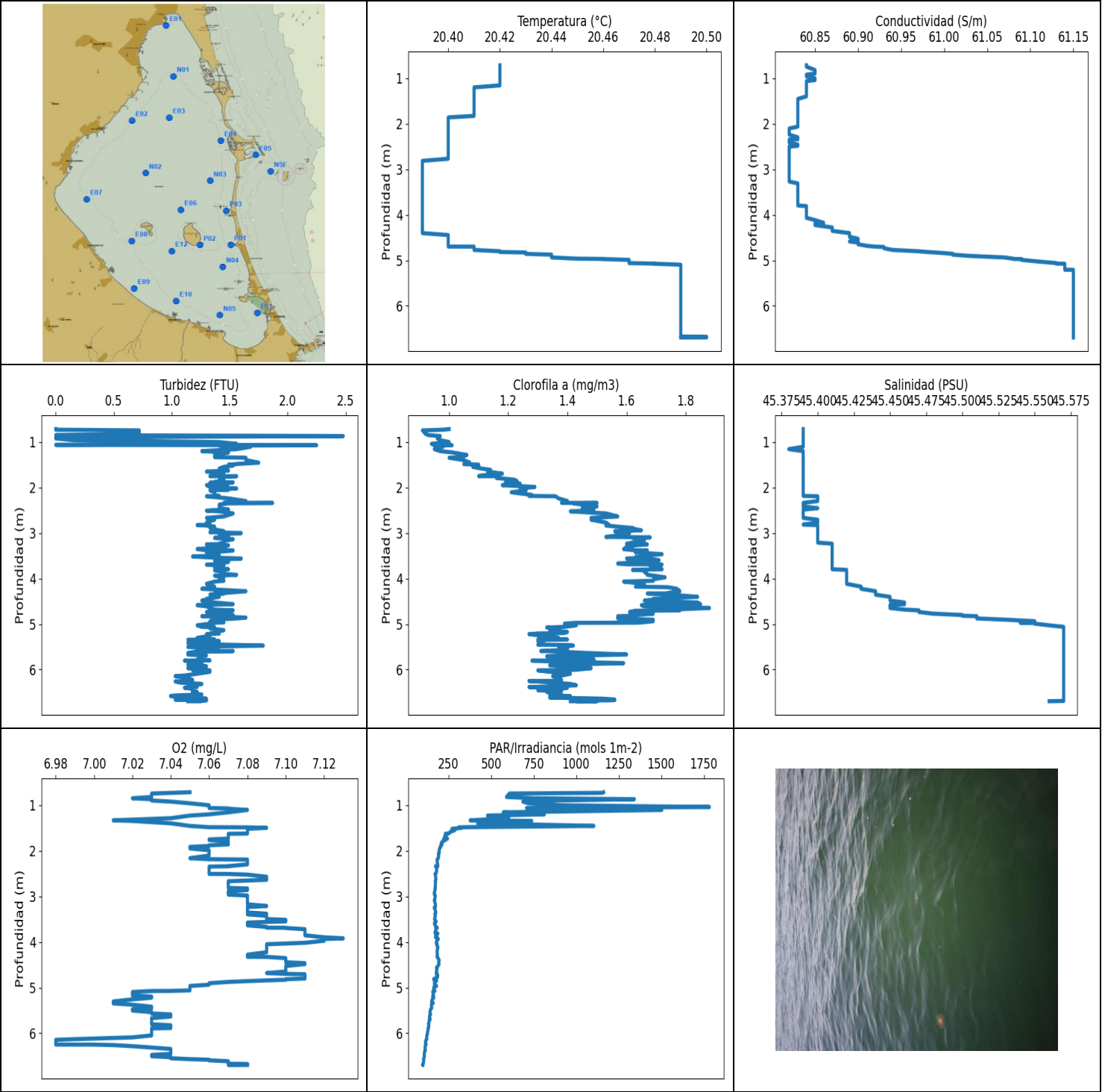


| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P03 - Punto 011                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.34      | 60.93               | 0.74           | 6.34           | 209.07                      | 0.59              | 45.54           |
| 1 - 2m                                                     | 20.35      | 60.93               | 0.71           | 6.28           | 153.02                      | 0.66              | 45.54           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.712                                                          | 20.34      | 60.93               | 0.69           | 6.36           | 236.42                      | 0.63              | 45.54           |
| 0.762                                                          | 20.34      | 60.93               | 0.84           | 6.37           | 217.49                      | 0.63              | 45.54           |
| 0.802                                                          | 20.34      | 60.93               | 0.72           | 6.37           | 231.06                      | 0.6               | 45.54           |
| 0.815                                                          | 20.34      | 60.93               | 0.5            | 6.36           | 242.86                      | 0.56              | 45.54           |
| 0.818                                                          | 20.34      | 60.93               | 0.92           | 6.36           | 206.92                      | 0.56              | 45.54           |
| 0.858                                                          | 20.34      | 60.93               | 0.65           | 6.35           | 195.68                      | 0.58              | 45.54           |
| 0.916                                                          | 20.34      | 60.93               | 0.65           | 6.34           | 197.78                      | 0.59              | 45.54           |
| 0.96                                                           | 20.34      | 60.93               | 0.76           | 6.32           | 198.6                       | 0.56              | 45.54           |
| 0.974                                                          | 20.35      | 60.93               | 0.84           | 6.28           | 201.67                      | 0.64              | 45.54           |
| 0.985                                                          | 20.34      | 60.93               | 0.8            | 6.28           | 162.19                      | 0.59              | 45.54           |
| 1.017                                                          | 20.34      | 60.93               | 0.65           | 6.27           | 178.52                      | 0.6               | 45.54           |
| 1.052                                                          | 20.34      | 60.93               | 0.72           | 6.27           | 193.69                      | 0.61              | 45.54           |
| 1.079                                                          | 20.34      | 60.92               | 0.69           | 6.27           | 195.45                      | 0.6               | 45.54           |
| 1.098                                                          | 20.34      | 60.92               | 0.61           | 6.27           | 167.03                      | 0.62              | 45.54           |
| 1.116                                                          | 20.34      | 60.93               | 0.76           | 6.27           | 173.34                      | 0.6               | 45.54           |
| 1.136                                                          | 20.34      | 60.93               | 0.69           | 6.26           | 178.64                      | 0.63              | 45.54           |
| 1.155                                                          | 20.34      | 60.93               | 0.72           | 6.25           | 168.86                      | 0.64              | 45.54           |
| 1.17                                                           | 20.34      | 60.93               | 0.72           | 6.25           | 174.83                      | 0.59              | 45.54           |
| 1.187                                                          | 20.34      | 60.93               | 0.65           | 6.24           | 177.57                      | 0.6               | 45.54           |
| 1.208                                                          | 20.34      | 60.93               | 0.72           | 6.24           | 167.26                      | 0.64              | 45.54           |
| 1.239                                                          | 20.34      | 60.93               | 0.8            | 6.24           | 151.08                      | 0.64              | 45.54           |
| 1.269                                                          | 20.34      | 60.93               | 0.69           | 6.24           | 156.86                      | 0.68              | 45.54           |
| 1.293                                                          | 20.34      | 60.93               | 0.69           | 6.25           | 169.21                      | 0.6               | 45.54           |
| 1.305                                                          | 20.34      | 60.93               | 0.76           | 6.25           | 177.53                      | 0.63              | 45.54           |
| 1.318                                                          | 20.34      | 60.93               | 0.65           | 6.26           | 157.7                       | 0.66              | 45.54           |
| 1.339                                                          | 20.34      | 60.93               | 0.69           | 6.27           | 154.02                      | 0.69              | 45.54           |
| 1.369                                                          | 20.34      | 60.93               | 0.61           | 6.27           | 154.77                      | 0.67              | 45.54           |
| 1.399                                                          | 20.34      | 60.93               | 0.57           | 6.28           | 150.66                      | 0.68              | 45.54           |
| 1.417                                                          | 20.34      | 60.93               | 0.88           | 6.28           | 158.91                      | 0.65              | 45.54           |
| 1.429                                                          | 20.34      | 60.93               | 0.72           | 6.28           | 157.52                      | 0.66              | 45.54           |
| 1.445                                                          | 20.34      | 60.93               | 0.76           | 6.29           | 152.31                      | 0.64              | 45.54           |
| 1.47                                                           | 20.34      | 60.93               | 0.61           | 6.29           | 157.99                      | 0.66              | 45.54           |
| 1.498                                                          | 20.34      | 60.93               | 0.69           | 6.29           | 151.01                      | 0.62              | 45.54           |
| 1.52                                                           | 20.34      | 60.93               | 0.76           | 6.28           | 143.04                      | 0.61              | 45.54           |
| 1.54                                                           | 20.34      | 60.93               | 0.76           | 6.28           | 150.94                      | 0.63              | 45.54           |
| 1.559                                                          | 20.34      | 60.93               | 0.84           | 6.27           | 152.31                      | 0.64              | 45.54           |
| 1.58                                                           | 20.34      | 60.93               | 0.69           | 6.26           | 150.66                      | 0.63              | 45.54           |
| 1.605                                                          | 20.34      | 60.93               | 0.8            | 6.26           | 148.86                      | 0.63              | 45.54           |
| 1.632                                                          | 20.34      | 60.93               | 0.76           | 6.26           | 143.67                      | 0.64              | 45.54           |
| 1.652                                                          | 20.34      | 60.93               | 0.72           | 6.26           | 141.85                      | 0.65              | 45.54           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.669 | 20.34 | 60.93 | 0.65 | 6.27 | 142.38 | 0.65 | 45.54 |
| 1.689 | 20.34 | 60.93 | 0.76 | 6.27 | 146.6  | 0.68 | 45.54 |
| 1.713 | 20.34 | 60.93 | 0.76 | 6.26 | 143.24 | 0.66 | 45.54 |
| 1.742 | 20.34 | 60.93 | 0.61 | 6.26 | 146.46 | 0.64 | 45.54 |
| 1.773 | 20.34 | 60.93 | 0.65 | 6.26 | 144.87 | 0.63 | 45.54 |
| 1.8   | 20.34 | 60.93 | 0.88 | 6.26 | 139.05 | 0.69 | 45.54 |
| 1.825 | 20.35 | 60.93 | 0.72 | 6.26 | 138.92 | 0.67 | 45.54 |
| 1.844 | 20.35 | 60.93 | 0.76 | 6.26 | 140.61 | 0.66 | 45.54 |
| 1.858 | 20.35 | 60.93 | 0.72 | 6.27 | 137.58 | 0.69 | 45.54 |
| 1.876 | 20.35 | 60.93 | 0.69 | 6.29 | 136.02 | 0.69 | 45.54 |
| 1.901 | 20.35 | 60.93 | 0.61 | 6.31 | 139.41 | 0.72 | 45.54 |
| 1.931 | 20.35 | 60.93 | 0.72 | 6.33 | 140.09 | 0.73 | 45.54 |
| 1.961 | 20.35 | 60.94 | 0.8  | 6.34 | 131.99 | 0.79 | 45.55 |
| 1.981 | 20.35 | 60.95 | 0.57 | 6.35 | 129.62 | 0.76 | 45.55 |
| 1.989 | 20.36 | 60.94 | 0.72 | 6.35 | 132.81 | 0.69 | 45.54 |
| 1.992 | 20.36 | 60.95 | 0.53 | 6.35 | 138.28 | 0.68 | 45.54 |
| 1.996 | 20.36 | 60.95 | 0.69 | 6.36 | 134.27 | 0.73 | 45.55 |
| 1.998 | 20.36 | 60.96 | 0.76 | 6.37 | 126.59 | 0.69 | 45.55 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.39      | 60.82               | 0.0            | 6.98           | 98.29                       | 0.91              | 45.38           |
| PROF (metros)                                                                | 2.813      | 2.102               | 0.713          | 6.145          | 6.694                       | 0.742             | 1.154           |
| MÁXIMO                                                                       | 20.5       | 20.5                | 2.48           | 7.13           | 1781.2                      | 1.88              | 45.57           |
| PROF (metros)                                                                | 6.681      | 5.208               | 0.866          | 3.918          | 1.038                       | 4.646             | 5.06            |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E06 - Punto 012                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.42      | 60.85               | 1.1            | 7.04           | 833.58                      | 0.95              | 45.39           |
| 1 - 2m                                                     | 20.41      | 60.83               | 1.49           | 7.06           | 435.24                      | 1.1               | 45.39           |
| 2 - 3m                                                     | 20.4       | 60.82               | 1.41           | 7.07           | 178.81                      | 1.45              | 45.39           |
| 3 - 4m                                                     | 20.39      | 60.83               | 1.42           | 7.09           | 174.73                      | 1.65              | 45.41           |
| 4 - 5m                                                     | 20.41      | 60.93               | 1.39           | 7.09           | 181.58                      | 1.68              | 45.47           |
| 5 - 6m                                                     | 20.49      | 61.15               | 1.3            | 7.03           | 147.1                       | 1.38              | 45.57           |
| 6 - 7m                                                     | 20.49      | 61.15               | 1.18           | 7.04           | 111.41                      | 1.39              | 45.57           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.713                                                          | 20.42      | 60.84               | 0.0            | 7.05           | 1160.1                      | 1.0               | 45.39           |
| 0.727                                                          | 20.42      | 60.84               | 0.0            | 7.04           | 1152.1                      | 0.98              | 45.39           |
| 0.742                                                          | 20.42      | 60.84               | 0.72           | 7.03           | 608.23                      | 0.91              | 45.39           |
| 0.817                                                          | 20.42      | 60.85               | 0.72           | 7.03           | 590.59                      | 0.92              | 45.39           |
| 0.846                                                          | 20.42      | 60.85               | 0.0            | 7.02           | 751.57                      | 0.93              | 45.39           |
| 0.866                                                          | 20.42      | 60.85               | 2.48           | 7.03           | 1340.6                      | 0.97              | 45.39           |
| 0.895                                                          | 20.42      | 60.85               | 0.0            | 7.03           | 875.6                       | 0.96              | 45.39           |
| 0.919                                                          | 20.42      | 60.84               | 0.0            | 7.04           | 687.09                      | 0.96              | 45.39           |
| 0.956                                                          | 20.42      | 60.84               | 0.15           | 7.05           | 719.19                      | 0.97              | 45.39           |
| 0.999                                                          | 20.42      | 60.85               | 1.41           | 7.06           | 909.31                      | 1.0               | 45.39           |
| 1.038                                                          | 20.42      | 60.85               | 1.56           | 7.06           | 1781.2                      | 0.94              | 45.39           |
| 1.06                                                           | 20.42      | 60.84               | 0.0            | 7.06           | 708.44                      | 0.95              | 45.39           |
| 1.068                                                          | 20.42      | 60.84               | 2.25           | 7.07           | 773.49                      | 1.01              | 45.39           |
| 1.075                                                          | 20.42      | 60.84               | 1.41           | 7.07           | 714.21                      | 0.95              | 45.39           |
| 1.102                                                          | 20.42      | 60.84               | 1.68           | 7.08           | 1501.5                      | 0.98              | 45.39           |
| 1.154                                                          | 20.42      | 60.84               | 1.56           | 7.07           | 572.0                       | 0.95              | 45.38           |
| 1.198                                                          | 20.41      | 60.84               | 1.26           | 7.06           | 813.01                      | 0.97              | 45.39           |
| 1.225                                                          | 20.41      | 60.84               | 1.49           | 7.05           | 479.62                      | 1.01              | 45.39           |
| 1.283                                                          | 20.41      | 60.84               | 1.37           | 7.04           | 604.3                       | 1.06              | 45.39           |
| 1.33                                                           | 20.41      | 60.84               | 1.37           | 7.01           | 377.85                      | 1.04              | 45.39           |
| 1.343                                                          | 20.41      | 60.84               | 1.64           | 7.02           | 738.79                      | 1.0               | 45.39           |
| 1.395                                                          | 20.41      | 60.84               | 1.64           | 7.04           | 421.82                      | 1.05              | 45.39           |
| 1.452                                                          | 20.41      | 60.83               | 1.75           | 7.05           | 1103.2                      | 1.07              | 45.39           |
| 1.48                                                           | 20.41      | 60.83               | 1.56           | 7.06           | 346.39                      | 1.05              | 45.39           |
| 1.484                                                          | 20.41      | 60.83               | 1.56           | 7.08           | 310.71                      | 1.05              | 45.39           |
| 1.495                                                          | 20.41      | 60.83               | 1.49           | 7.09           | 327.5                       | 1.1               | 45.39           |
| 1.516                                                          | 20.41      | 60.83               | 1.53           | 7.08           | 271.0                       | 1.1               | 45.39           |
| 1.544                                                          | 20.41      | 60.83               | 1.45           | 7.08           | 288.44                      | 1.08              | 45.39           |
| 1.581                                                          | 20.41      | 60.83               | 1.41           | 7.08           | 261.56                      | 1.11              | 45.39           |
| 1.61                                                           | 20.41      | 60.83               | 1.45           | 7.08           | 255.33                      | 1.14              | 45.39           |
| 1.62                                                           | 20.41      | 60.83               | 1.41           | 7.08           | 247.64                      | 1.13              | 45.39           |
| 1.625                                                          | 20.41      | 60.83               | 1.49           | 7.07           | 232.02                      | 1.14              | 45.39           |
| 1.647                                                          | 20.41      | 60.83               | 1.3            | 7.07           | 238.12                      | 1.13              | 45.39           |
| 1.693                                                          | 20.41      | 60.83               | 1.45           | 7.07           | 227.44                      | 1.18              | 45.39           |
| 1.732                                                          | 20.41      | 60.83               | 1.45           | 7.07           | 244.84                      | 1.11              | 45.39           |

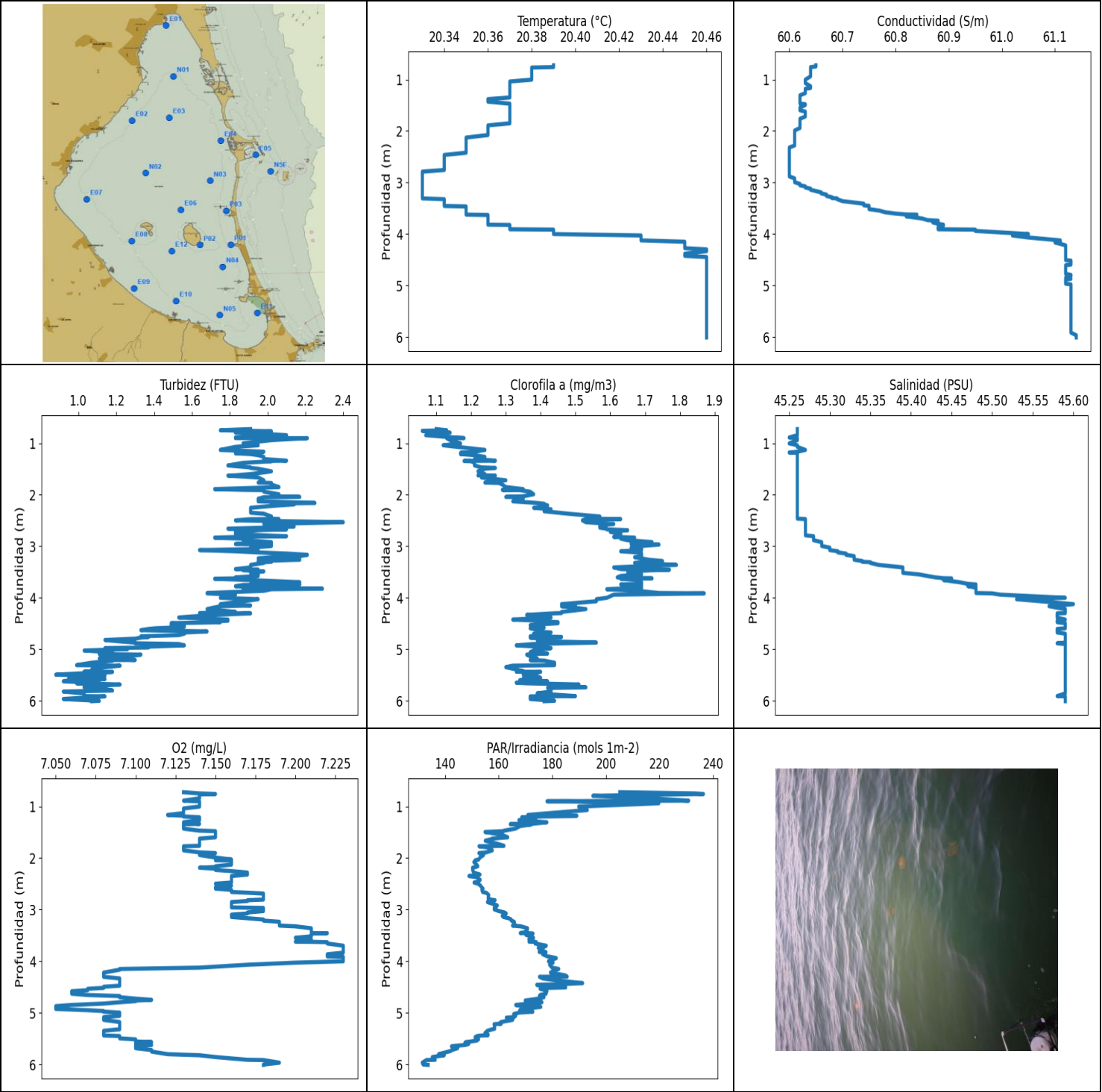
|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.748 | 20.41 | 60.83 | 1.33 | 7.06 | 221.1  | 1.1  | 45.39 |
| 1.749 | 20.41 | 60.83 | 1.56 | 7.06 | 225.81 | 1.17 | 45.39 |
| 1.761 | 20.41 | 60.83 | 1.41 | 7.06 | 232.18 | 1.17 | 45.39 |
| 1.788 | 20.41 | 60.83 | 1.41 | 7.07 | 218.76 | 1.16 | 45.39 |
| 1.825 | 20.41 | 60.83 | 1.45 | 7.07 | 208.17 | 1.22 | 45.39 |
| 1.858 | 20.4  | 60.83 | 1.45 | 7.07 | 212.56 | 1.23 | 45.39 |
| 1.877 | 20.4  | 60.83 | 1.37 | 7.06 | 207.93 | 1.21 | 45.39 |
| 1.885 | 20.4  | 60.83 | 1.53 | 7.06 | 206.82 | 1.21 | 45.39 |
| 1.892 | 20.4  | 60.83 | 1.33 | 7.06 | 203.45 | 1.19 | 45.39 |
| 1.912 | 20.4  | 60.83 | 1.49 | 7.05 | 204.39 | 1.24 | 45.39 |
| 1.946 | 20.4  | 60.83 | 1.3  | 7.05 | 199.02 | 1.18 | 45.39 |
| 1.985 | 20.4  | 60.83 | 1.33 | 7.06 | 196.32 | 1.29 | 45.39 |
| 2.018 | 20.4  | 60.83 | 1.56 | 7.06 | 195.95 | 1.24 | 45.39 |
| 2.039 | 20.4  | 60.83 | 1.41 | 7.06 | 196.54 | 1.26 | 45.39 |
| 2.045 | 20.4  | 60.83 | 1.49 | 7.06 | 195.09 | 1.25 | 45.39 |
| 2.06  | 20.4  | 60.83 | 1.33 | 7.06 | 191.24 | 1.26 | 45.39 |
| 2.102 | 20.4  | 60.82 | 1.37 | 7.06 | 193.56 | 1.21 | 45.39 |
| 2.16  | 20.4  | 60.82 | 1.37 | 7.05 | 190.84 | 1.28 | 45.39 |
| 2.182 | 20.4  | 60.82 | 1.41 | 7.06 | 185.52 | 1.27 | 45.39 |
| 2.19  | 20.4  | 60.82 | 1.3  | 7.08 | 183.89 | 1.36 | 45.4  |
| 2.237 | 20.4  | 60.82 | 1.49 | 7.08 | 184.11 | 1.37 | 45.4  |
| 2.295 | 20.4  | 60.83 | 1.64 | 7.08 | 187.12 | 1.4  | 45.4  |
| 2.335 | 20.4  | 60.83 | 1.45 | 7.07 | 187.99 | 1.38 | 45.39 |
| 2.337 | 20.4  | 60.83 | 1.87 | 7.07 | 174.47 | 1.5  | 45.39 |
| 2.345 | 20.4  | 60.82 | 1.49 | 7.06 | 176.42 | 1.42 | 45.39 |
| 2.373 | 20.4  | 60.82 | 1.41 | 7.06 | 180.27 | 1.45 | 45.39 |
| 2.414 | 20.4  | 60.82 | 1.41 | 7.06 | 181.23 | 1.5  | 45.39 |
| 2.453 | 20.4  | 60.83 | 1.41 | 7.06 | 180.43 | 1.45 | 45.4  |
| 2.482 | 20.4  | 60.83 | 1.49 | 7.06 | 178.56 | 1.46 | 45.39 |
| 2.499 | 20.4  | 60.82 | 1.33 | 7.06 | 175.16 | 1.46 | 45.39 |
| 2.505 | 20.4  | 60.82 | 1.33 | 7.06 | 171.58 | 1.49 | 45.39 |
| 2.506 | 20.4  | 60.82 | 1.3  | 7.07 | 171.62 | 1.46 | 45.39 |
| 2.521 | 20.4  | 60.82 | 1.41 | 7.08 | 173.42 | 1.41 | 45.39 |
| 2.567 | 20.4  | 60.82 | 1.53 | 7.09 | 175.4  | 1.53 | 45.39 |
| 2.634 | 20.4  | 60.82 | 1.45 | 7.09 | 176.54 | 1.57 | 45.39 |
| 2.666 | 20.4  | 60.82 | 1.3  | 7.07 | 172.98 | 1.48 | 45.39 |
| 2.705 | 20.4  | 60.82 | 1.37 | 7.07 | 174.59 | 1.48 | 45.4  |
| 2.767 | 20.4  | 60.82 | 1.3  | 7.07 | 173.22 | 1.53 | 45.4  |
| 2.813 | 20.39 | 60.82 | 1.33 | 7.07 | 172.7  | 1.54 | 45.39 |
| 2.824 | 20.39 | 60.82 | 1.22 | 7.08 | 173.1  | 1.53 | 45.4  |
| 2.833 | 20.39 | 60.82 | 1.3  | 7.08 | 173.22 | 1.53 | 45.4  |
| 2.858 | 20.39 | 60.82 | 1.37 | 7.08 | 170.95 | 1.57 | 45.4  |
| 2.887 | 20.39 | 60.82 | 1.33 | 7.07 | 170.16 | 1.62 | 45.4  |
| 2.915 | 20.39 | 60.82 | 1.37 | 7.07 | 168.0  | 1.63 | 45.4  |
| 2.938 | 20.39 | 60.82 | 1.41 | 7.07 | 167.22 | 1.65 | 45.4  |
| 2.959 | 20.39 | 60.82 | 1.45 | 7.07 | 168.43 | 1.56 | 45.4  |
| 2.979 | 20.39 | 60.82 | 1.33 | 7.08 | 173.34 | 1.57 | 45.4  |
| 2.999 | 20.39 | 60.82 | 1.6  | 7.08 | 172.46 | 1.61 | 45.4  |
| 3.028 | 20.39 | 60.82 | 1.41 | 7.08 | 171.38 | 1.59 | 45.4  |
| 3.06  | 20.39 | 60.82 | 1.49 | 7.08 | 170.63 | 1.56 | 45.4  |
| 3.082 | 20.39 | 60.82 | 1.45 | 7.08 | 167.65 | 1.53 | 45.4  |
| 3.094 | 20.39 | 60.82 | 1.45 | 7.08 | 169.49 | 1.68 | 45.4  |
| 3.107 | 20.39 | 60.82 | 1.37 | 7.08 | 169.64 | 1.62 | 45.4  |
| 3.135 | 20.39 | 60.82 | 1.53 | 7.08 | 171.22 | 1.66 | 45.4  |
| 3.172 | 20.39 | 60.82 | 1.45 | 7.08 | 173.7  | 1.66 | 45.4  |
| 3.209 | 20.39 | 60.82 | 1.45 | 7.09 | 174.31 | 1.62 | 45.4  |
| 3.232 | 20.39 | 60.82 | 1.41 | 7.08 | 173.66 | 1.6  | 45.41 |
| 3.241 | 20.39 | 60.82 | 1.45 | 7.08 | 168.27 | 1.6  | 45.41 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.247 | 20.39 | 60.82 | 1.3  | 7.08 | 166.95 | 1.67 | 45.41 |
| 3.268 | 20.39 | 60.82 | 1.49 | 7.08 | 170.24 | 1.63 | 45.41 |
| 3.308 | 20.39 | 60.83 | 1.45 | 7.08 | 173.22 | 1.6  | 45.41 |
| 3.351 | 20.39 | 60.83 | 1.22 | 7.08 | 176.91 | 1.59 | 45.41 |
| 3.378 | 20.39 | 60.83 | 1.3  | 7.09 | 172.66 | 1.63 | 45.41 |
| 3.381 | 20.39 | 60.83 | 1.53 | 7.08 | 171.07 | 1.67 | 45.41 |
| 3.393 | 20.39 | 60.83 | 1.49 | 7.08 | 171.5  | 1.66 | 45.41 |
| 3.424 | 20.39 | 60.83 | 1.3  | 7.09 | 173.34 | 1.63 | 45.41 |
| 3.464 | 20.39 | 60.83 | 1.41 | 7.09 | 171.11 | 1.72 | 45.41 |
| 3.496 | 20.39 | 60.83 | 1.37 | 7.09 | 168.94 | 1.65 | 45.41 |
| 3.513 | 20.39 | 60.83 | 1.18 | 7.1  | 170.43 | 1.66 | 45.41 |
| 3.53  | 20.39 | 60.83 | 1.3  | 7.1  | 174.63 | 1.63 | 45.41 |
| 3.546 | 20.39 | 60.83 | 1.45 | 7.1  | 177.98 | 1.66 | 45.41 |
| 3.558 | 20.39 | 60.83 | 1.6  | 7.09 | 177.32 | 1.6  | 45.41 |
| 3.573 | 20.39 | 60.83 | 1.49 | 7.08 | 170.0  | 1.69 | 45.41 |
| 3.598 | 20.39 | 60.83 | 1.37 | 7.08 | 168.31 | 1.71 | 45.41 |
| 3.633 | 20.39 | 60.83 | 1.49 | 7.08 | 172.86 | 1.66 | 45.41 |
| 3.668 | 20.39 | 60.83 | 1.41 | 7.09 | 176.83 | 1.57 | 45.41 |
| 3.685 | 20.39 | 60.83 | 1.45 | 7.09 | 184.71 | 1.6  | 45.41 |
| 3.686 | 20.39 | 60.83 | 1.37 | 7.1  | 178.52 | 1.67 | 45.41 |
| 3.692 | 20.39 | 60.83 | 1.3  | 7.1  | 176.46 | 1.72 | 45.41 |
| 3.718 | 20.39 | 60.83 | 1.45 | 7.11 | 177.82 | 1.68 | 45.41 |
| 3.759 | 20.39 | 60.83 | 1.37 | 7.11 | 175.12 | 1.69 | 45.41 |
| 3.794 | 20.39 | 60.83 | 1.49 | 7.11 | 171.46 | 1.72 | 45.41 |
| 3.808 | 20.39 | 60.84 | 1.45 | 7.11 | 185.65 | 1.62 | 45.42 |
| 3.817 | 20.39 | 60.84 | 1.37 | 7.11 | 188.29 | 1.66 | 45.42 |
| 3.852 | 20.39 | 60.84 | 1.45 | 7.11 | 176.26 | 1.66 | 45.42 |
| 3.896 | 20.39 | 60.84 | 1.45 | 7.12 | 174.71 | 1.67 | 45.42 |
| 3.918 | 20.39 | 60.84 | 1.56 | 7.13 | 187.99 | 1.67 | 45.42 |
| 3.934 | 20.39 | 60.84 | 1.37 | 7.12 | 190.67 | 1.69 | 45.42 |
| 3.972 | 20.39 | 60.84 | 1.45 | 7.12 | 181.94 | 1.73 | 45.42 |
| 4.016 | 20.39 | 60.84 | 1.41 | 7.11 | 178.89 | 1.69 | 45.42 |
| 4.048 | 20.39 | 60.84 | 1.45 | 7.09 | 184.79 | 1.69 | 45.42 |
| 4.065 | 20.39 | 60.84 | 1.37 | 7.09 | 181.82 | 1.59 | 45.42 |
| 4.115 | 20.39 | 60.85 | 1.3  | 7.09 | 188.69 | 1.66 | 45.42 |
| 4.176 | 20.39 | 60.86 | 1.37 | 7.09 | 184.36 | 1.63 | 45.43 |
| 4.189 | 20.39 | 60.85 | 1.37 | 7.09 | 184.45 | 1.74 | 45.43 |
| 4.224 | 20.39 | 60.85 | 1.26 | 7.09 | 184.24 | 1.77 | 45.43 |
| 4.277 | 20.39 | 60.87 | 1.64 | 7.08 | 185.22 | 1.78 | 45.44 |
| 4.316 | 20.39 | 60.87 | 1.45 | 7.08 | 185.82 | 1.74 | 45.44 |
| 4.324 | 20.39 | 60.87 | 1.37 | 7.08 | 185.78 | 1.75 | 45.44 |
| 4.326 | 20.39 | 60.87 | 1.45 | 7.09 | 183.43 | 1.67 | 45.44 |
| 4.353 | 20.39 | 60.87 | 1.33 | 7.1  | 189.48 | 1.75 | 45.44 |
| 4.401 | 20.39 | 60.89 | 1.41 | 7.1  | 196.22 | 1.84 | 45.45 |
| 4.444 | 20.4  | 60.89 | 1.3  | 7.1  | 192.49 | 1.69 | 45.45 |
| 4.463 | 20.4  | 60.89 | 1.3  | 7.11 | 194.37 | 1.69 | 45.45 |
| 4.483 | 20.4  | 60.89 | 1.26 | 7.11 | 195.05 | 1.66 | 45.45 |
| 4.525 | 20.4  | 60.9  | 1.37 | 7.1  | 188.82 | 1.84 | 45.46 |
| 4.562 | 20.4  | 60.9  | 1.53 | 7.1  | 179.97 | 1.85 | 45.46 |
| 4.578 | 20.4  | 60.9  | 1.26 | 7.1  | 182.54 | 1.66 | 45.45 |
| 4.585 | 20.4  | 60.89 | 1.22 | 7.1  | 183.94 | 1.65 | 45.45 |
| 4.608 | 20.4  | 60.9  | 1.3  | 7.1  | 180.81 | 1.66 | 45.45 |
| 4.646 | 20.4  | 60.9  | 1.33 | 7.1  | 179.64 | 1.88 | 45.45 |
| 4.681 | 20.4  | 60.91 | 1.37 | 7.09 | 183.89 | 1.75 | 45.46 |
| 4.697 | 20.4  | 60.92 | 1.53 | 7.1  | 183.85 | 1.73 | 45.47 |
| 4.698 | 20.41 | 60.92 | 1.33 | 7.1  | 178.73 | 1.78 | 45.47 |
| 4.706 | 20.41 | 60.93 | 1.45 | 7.11 | 180.73 | 1.63 | 45.47 |
| 4.734 | 20.41 | 60.93 | 1.3  | 7.11 | 187.77 | 1.61 | 45.47 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.771 | 20.41 | 60.94 | 1.41 | 7.11 | 185.95 | 1.69 | 45.48 |
| 4.8   | 20.42 | 60.97 | 1.53 | 7.11 | 171.38 | 1.63 | 45.5  |
| 4.816 | 20.42 | 60.98 | 1.37 | 7.1  | 163.47 | 1.63 | 45.5  |
| 4.827 | 20.43 | 60.99 | 1.26 | 7.1  | 170.27 | 1.57 | 45.51 |
| 4.841 | 20.43 | 61.0  | 1.49 | 7.09 | 180.98 | 1.57 | 45.51 |
| 4.857 | 20.43 | 61.01 | 1.64 | 7.08 | 179.56 | 1.57 | 45.51 |
| 4.875 | 20.44 | 61.01 | 1.56 | 7.07 | 169.57 | 1.57 | 45.51 |
| 4.903 | 20.44 | 61.03 | 1.37 | 7.06 | 167.81 | 1.69 | 45.53 |
| 4.936 | 20.44 | 61.07 | 1.33 | 7.06 | 169.72 | 1.69 | 45.55 |
| 4.963 | 20.45 | 61.08 | 1.45 | 7.05 | 180.77 | 1.65 | 45.55 |
| 4.969 | 20.46 | 61.08 | 1.37 | 7.05 | 178.85 | 1.63 | 45.54 |
| 4.972 | 20.46 | 61.09 | 1.37 | 7.05 | 173.94 | 1.43 | 45.55 |
| 4.99  | 20.47 | 61.09 | 1.33 | 7.05 | 165.18 | 1.39 | 45.55 |
| 5.027 | 20.47 | 61.11 | 1.22 | 7.05 | 163.66 | 1.43 | 45.56 |
| 5.06  | 20.47 | 61.13 | 1.26 | 7.05 | 164.46 | 1.39 | 45.57 |
| 5.072 | 20.48 | 61.13 | 1.37 | 7.04 | 171.58 | 1.35 | 45.57 |
| 5.074 | 20.48 | 61.14 | 1.33 | 7.03 | 163.01 | 1.33 | 45.57 |
| 5.096 | 20.49 | 61.14 | 1.33 | 7.02 | 158.4  | 1.35 | 45.57 |
| 5.133 | 20.49 | 61.14 | 1.45 | 7.02 | 161.66 | 1.34 | 45.57 |
| 5.172 | 20.49 | 61.14 | 1.37 | 7.02 | 162.19 | 1.4  | 45.57 |
| 5.196 | 20.49 | 61.14 | 1.41 | 7.03 | 157.66 | 1.39 | 45.57 |
| 5.206 | 20.49 | 61.14 | 1.33 | 7.03 | 158.65 | 1.3  | 45.57 |
| 5.208 | 20.49 | 61.15 | 1.41 | 7.03 | 163.51 | 1.3  | 45.57 |
| 5.221 | 20.49 | 61.15 | 1.3  | 7.03 | 164.27 | 1.27 | 45.57 |
| 5.257 | 20.49 | 61.15 | 1.33 | 7.02 | 155.88 | 1.32 | 45.57 |
| 5.303 | 20.49 | 61.15 | 1.22 | 7.01 | 151.82 | 1.37 | 45.57 |
| 5.336 | 20.49 | 61.15 | 1.37 | 7.01 | 154.16 | 1.3  | 45.57 |
| 5.337 | 20.49 | 61.15 | 1.26 | 7.01 | 161.47 | 1.4  | 45.57 |
| 5.345 | 20.49 | 61.15 | 1.14 | 7.01 | 154.27 | 1.32 | 45.57 |
| 5.375 | 20.49 | 61.15 | 1.41 | 7.02 | 150.35 | 1.3  | 45.57 |
| 5.418 | 20.49 | 61.15 | 1.14 | 7.03 | 152.38 | 1.32 | 45.57 |
| 5.452 | 20.49 | 61.15 | 1.45 | 7.03 | 151.75 | 1.3  | 45.57 |
| 5.459 | 20.49 | 61.15 | 1.56 | 7.03 | 148.34 | 1.4  | 45.57 |
| 5.473 | 20.49 | 61.15 | 1.79 | 7.02 | 146.16 | 1.42 | 45.57 |
| 5.502 | 20.49 | 61.15 | 1.14 | 7.02 | 143.9  | 1.37 | 45.57 |
| 5.537 | 20.49 | 61.15 | 1.37 | 7.03 | 141.95 | 1.4  | 45.57 |
| 5.568 | 20.49 | 61.15 | 1.22 | 7.03 | 143.14 | 1.4  | 45.57 |
| 5.587 | 20.49 | 61.15 | 1.41 | 7.04 | 145.55 | 1.33 | 45.57 |
| 5.591 | 20.49 | 61.15 | 1.3  | 7.04 | 144.97 | 1.31 | 45.57 |
| 5.592 | 20.49 | 61.15 | 1.53 | 7.04 | 144.47 | 1.33 | 45.57 |
| 5.604 | 20.49 | 61.15 | 1.22 | 7.04 | 141.36 | 1.37 | 45.57 |
| 5.634 | 20.49 | 61.15 | 1.14 | 7.04 | 139.08 | 1.46 | 45.57 |
| 5.669 | 20.49 | 61.15 | 1.14 | 7.03 | 140.48 | 1.6  | 45.57 |
| 5.691 | 20.49 | 61.15 | 1.3  | 7.03 | 143.4  | 1.43 | 45.57 |
| 5.693 | 20.49 | 61.15 | 1.26 | 7.03 | 140.09 | 1.37 | 45.57 |
| 5.707 | 20.49 | 61.15 | 1.26 | 7.03 | 137.9  | 1.33 | 45.57 |
| 5.742 | 20.49 | 61.15 | 1.26 | 7.03 | 137.7  | 1.46 | 45.57 |
| 5.778 | 20.49 | 61.15 | 1.22 | 7.03 | 134.77 | 1.49 | 45.57 |
| 5.795 | 20.49 | 61.15 | 1.26 | 7.03 | 132.97 | 1.37 | 45.57 |
| 5.797 | 20.49 | 61.15 | 1.33 | 7.03 | 133.37 | 1.39 | 45.57 |
| 5.803 | 20.49 | 61.15 | 1.11 | 7.03 | 134.77 | 1.28 | 45.57 |
| 5.825 | 20.49 | 61.15 | 1.26 | 7.04 | 135.74 | 1.38 | 45.57 |
| 5.858 | 20.49 | 61.15 | 1.26 | 7.04 | 134.39 | 1.59 | 45.57 |
| 5.886 | 20.49 | 61.15 | 1.18 | 7.04 | 132.63 | 1.42 | 45.57 |
| 5.894 | 20.49 | 61.15 | 1.14 | 7.03 | 130.83 | 1.36 | 45.57 |
| 5.903 | 20.49 | 61.15 | 1.26 | 7.03 | 131.47 | 1.34 | 45.57 |
| 5.929 | 20.49 | 61.15 | 1.3  | 7.03 | 130.65 | 1.38 | 45.57 |
| 5.969 | 20.49 | 61.15 | 1.14 | 7.03 | 128.37 | 1.48 | 45.57 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 6.003 | 20.49 | 61.15 | 1.3  | 7.03 | 127.09 | 1.43 | 45.57 |
| 6.007 | 20.49 | 61.15 | 1.18 | 7.03 | 128.1  | 1.4  | 45.57 |
| 6.017 | 20.49 | 61.15 | 1.33 | 7.03 | 126.92 | 1.3  | 45.57 |
| 6.048 | 20.49 | 61.15 | 1.33 | 7.03 | 123.92 | 1.34 | 45.57 |
| 6.091 | 20.49 | 61.15 | 1.22 | 7.02 | 122.49 | 1.41 | 45.57 |
| 6.13  | 20.49 | 61.15 | 1.11 | 6.99 | 123.52 | 1.38 | 45.57 |
| 6.145 | 20.49 | 61.15 | 1.03 | 6.98 | 119.44 | 1.35 | 45.57 |
| 6.183 | 20.49 | 61.15 | 1.14 | 6.98 | 115.89 | 1.37 | 45.57 |
| 6.227 | 20.49 | 61.15 | 1.18 | 6.98 | 116.24 | 1.38 | 45.57 |
| 6.249 | 20.49 | 61.15 | 1.18 | 6.98 | 119.22 | 1.36 | 45.57 |
| 6.25  | 20.49 | 61.15 | 1.14 | 7.0  | 119.3  | 1.27 | 45.57 |
| 6.26  | 20.49 | 61.15 | 1.03 | 7.01 | 116.65 | 1.3  | 45.57 |
| 6.284 | 20.49 | 61.15 | 1.07 | 7.02 | 114.21 | 1.34 | 45.57 |
| 6.315 | 20.49 | 61.15 | 1.26 | 7.03 | 113.13 | 1.41 | 45.57 |
| 6.345 | 20.49 | 61.15 | 1.18 | 7.04 | 113.68 | 1.43 | 45.57 |
| 6.363 | 20.49 | 61.15 | 1.14 | 7.04 | 114.8  | 1.36 | 45.57 |
| 6.372 | 20.49 | 61.15 | 1.22 | 7.04 | 115.44 | 1.36 | 45.57 |
| 6.382 | 20.49 | 61.15 | 1.22 | 7.04 | 113.71 | 1.27 | 45.57 |
| 6.398 | 20.49 | 61.15 | 1.11 | 7.04 | 111.36 | 1.4  | 45.57 |
| 6.423 | 20.49 | 61.15 | 1.18 | 7.04 | 109.77 | 1.38 | 45.57 |
| 6.453 | 20.49 | 61.15 | 1.18 | 7.04 | 109.01 | 1.3  | 45.57 |
| 6.476 | 20.49 | 61.15 | 1.18 | 7.03 | 108.33 | 1.38 | 45.57 |
| 6.491 | 20.49 | 61.15 | 1.22 | 7.03 | 108.66 | 1.33 | 45.57 |
| 6.504 | 20.49 | 61.15 | 1.18 | 7.03 | 109.17 | 1.34 | 45.57 |
| 6.525 | 20.49 | 61.15 | 1.18 | 7.04 | 108.31 | 1.37 | 45.57 |
| 6.549 | 20.49 | 61.15 | 1.26 | 7.04 | 106.02 | 1.38 | 45.57 |
| 6.569 | 20.49 | 61.15 | 1.03 | 7.05 | 104.27 | 1.34 | 45.57 |
| 6.582 | 20.49 | 61.15 | 0.99 | 7.06 | 104.8  | 1.41 | 45.57 |
| 6.594 | 20.49 | 61.15 | 1.22 | 7.06 | 105.24 | 1.41 | 45.57 |
| 6.615 | 20.49 | 61.15 | 1.11 | 7.07 | 105.02 | 1.34 | 45.57 |
| 6.64  | 20.49 | 61.15 | 1.3  | 7.07 | 103.55 | 1.52 | 45.57 |
| 6.659 | 20.49 | 61.15 | 1.03 | 7.07 | 102.73 | 1.56 | 45.57 |
| 6.669 | 20.49 | 61.15 | 1.14 | 7.07 | 102.05 | 1.56 | 45.57 |
| 6.675 | 20.49 | 61.15 | 1.3  | 7.08 | 101.83 | 1.54 | 45.57 |
| 6.681 | 20.5  | 61.15 | 1.26 | 7.08 | 102.16 | 1.44 | 45.57 |
| 6.686 | 20.5  | 61.15 | 1.14 | 7.08 | 101.69 | 1.46 | 45.57 |
| 6.69  | 20.5  | 61.15 | 1.26 | 7.07 | 99.68  | 1.43 | 45.57 |
| 6.694 | 20.5  | 61.15 | 1.22 | 7.07 | 98.28  | 1.5  | 45.56 |
| 6.695 | 20.49 | 61.15 | 1.14 | 7.08 | 99.48  | 1.41 | 45.56 |





| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.33      | 60.6                | 0.88           | 7.05           | 131.41                      | 1.06              | 45.25           |
| PROF (metros)                                                                | 2.787      | 2.319               | 5.492          | 4.868          | 5.963                       | 0.758             | 0.887           |
| MÁXIMO                                                                       | 20.46      | 20.46               | 2.4            | 7.23           | 236.47                      | 1.87              | 45.6            |
| PROF (metros)                                                                | 4.296      | 5.963               | 2.532          | 3.697          | 0.758                       | 3.913             | 4.122           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E12 - Punto 013                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.38      | 60.64               | 1.94           | 7.14           | 212.7                       | 1.12              | 45.26           |
| 1 - 2m                                                     | 20.37      | 60.63               | 1.93           | 7.14           | 166.77                      | 1.24              | 45.26           |
| 2 - 3m                                                     | 20.34      | 60.6                | 1.98           | 7.16           | 153.84                      | 1.53              | 45.27           |
| 3 - 4m                                                     | 20.35      | 60.77               | 1.94           | 7.21           | 170.77                      | 1.68              | 45.41           |
| 4 - 5m                                                     | 20.45      | 61.12               | 1.54           | 7.08           | 176.64                      | 1.42              | 45.58           |
| 5 - 6m                                                     | 20.46      | 61.13               | 1.09           | 7.1            | 150.64                      | 1.39              | 45.59           |
| 6 - 7m                                                     | 20.46      | 61.14               | 1.07           | 7.18           | 133.62                      | 1.41              | 45.59           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

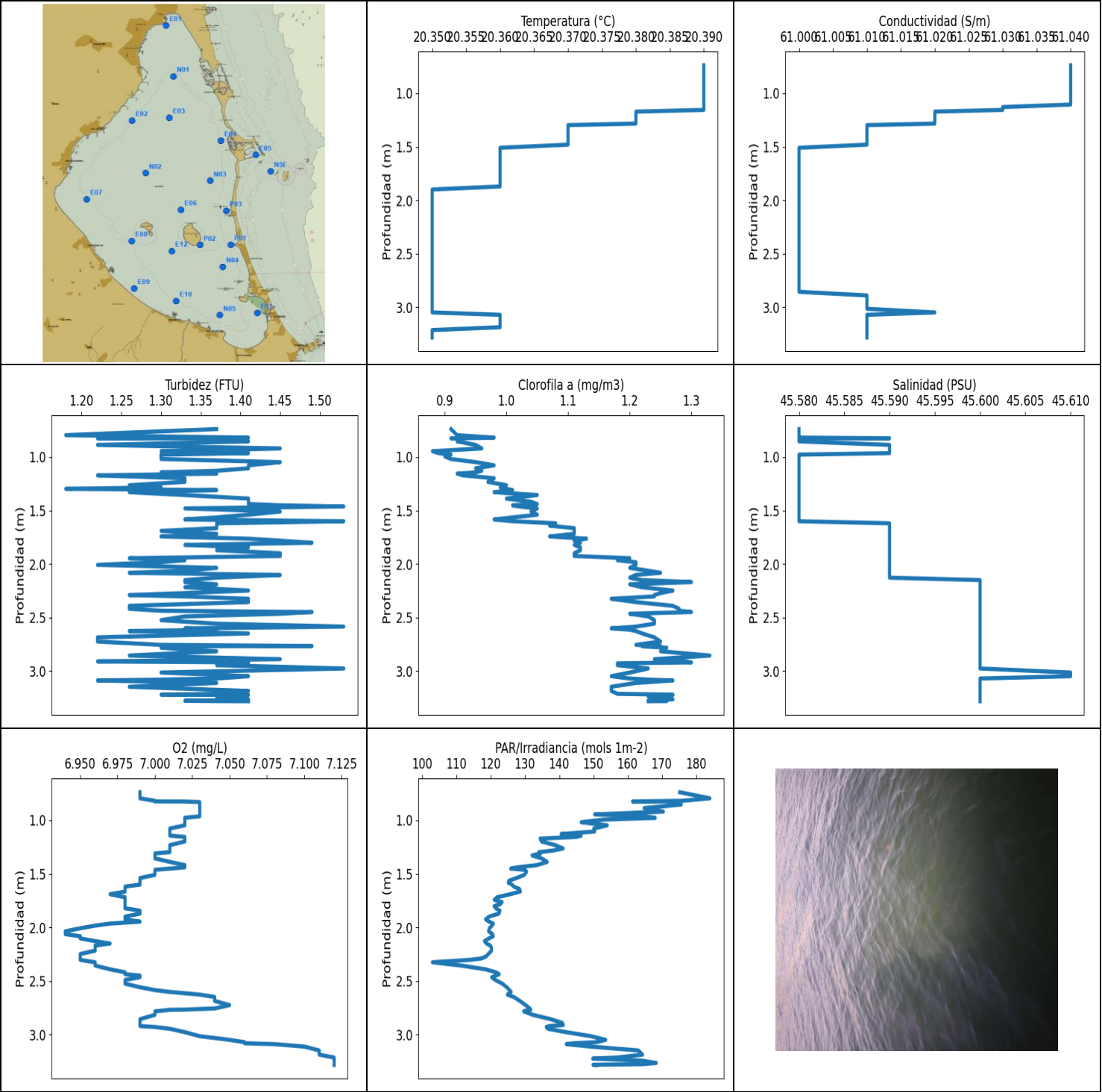
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.724                                                          | 20.39      | 60.65               | 1.91           | 7.13           | 205.2                       | 1.1               | 45.26           |
| 0.747                                                          | 20.39      | 60.65               | 1.75           | 7.14           | 233.15                      | 1.13              | 45.26           |
| 0.758                                                          | 20.39      | 60.64               | 1.91           | 7.15           | 236.47                      | 1.06              | 45.26           |
| 0.767                                                          | 20.38      | 60.64               | 2.02           | 7.14           | 225.61                      | 1.08              | 45.26           |
| 0.794                                                          | 20.38      | 60.64               | 1.83           | 7.14           | 195.14                      | 1.14              | 45.26           |
| 0.842                                                          | 20.38      | 60.64               | 2.1            | 7.14           | 215.99                      | 1.07              | 45.26           |
| 0.887                                                          | 20.38      | 60.64               | 1.83           | 7.13           | 230.95                      | 1.15              | 45.25           |
| 0.899                                                          | 20.38      | 60.64               | 1.83           | 7.14           | 178.02                      | 1.18              | 45.26           |
| 0.9                                                            | 20.38      | 60.64               | 2.21           | 7.14           | 186.73                      | 1.13              | 45.26           |
| 0.938                                                          | 20.38      | 60.64               | 2.02           | 7.14           | 219.77                      | 1.14              | 45.26           |
| 1.002                                                          | 20.38      | 60.63               | 1.87           | 7.14           | 189.87                      | 1.17              | 45.25           |
| 1.038                                                          | 20.37      | 60.63               | 1.95           | 7.13           | 190.84                      | 1.12              | 45.26           |
| 1.069                                                          | 20.37      | 60.63               | 1.83           | 7.13           | 193.07                      | 1.16              | 45.26           |
| 1.129                                                          | 20.37      | 60.64               | 1.75           | 7.13           | 178.93                      | 1.24              | 45.27           |
| 1.164                                                          | 20.37      | 60.64               | 1.98           | 7.12           | 170.87                      | 1.21              | 45.26           |
| 1.179                                                          | 20.37      | 60.63               | 1.91           | 7.13           | 189.17                      | 1.2               | 45.25           |
| 1.185                                                          | 20.37      | 60.63               | 1.91           | 7.13           | 187.68                      | 1.17              | 45.26           |
| 1.194                                                          | 20.37      | 60.63               | 1.83           | 7.13           | 176.09                      | 1.21              | 45.26           |
| 1.209                                                          | 20.37      | 60.63               | 1.91           | 7.14           | 168.59                      | 1.17              | 45.26           |
| 1.23                                                           | 20.37      | 60.63               | 1.95           | 7.14           | 173.82                      | 1.21              | 45.26           |
| 1.264                                                          | 20.37      | 60.63               | 1.98           | 7.14           | 167.53                      | 1.24              | 45.26           |
| 1.306                                                          | 20.37      | 60.62               | 1.98           | 7.13           | 177.98                      | 1.21              | 45.26           |
| 1.337                                                          | 20.37      | 60.62               | 2.1            | 7.14           | 172.3                       | 1.27              | 45.26           |
| 1.343                                                          | 20.37      | 60.62               | 1.98           | 7.13           | 164.3                       | 1.18              | 45.26           |
| 1.348                                                          | 20.37      | 60.62               | 2.02           | 7.13           | 172.1                       | 1.2               | 45.26           |
| 1.38                                                           | 20.36      | 60.62               | 1.87           | 7.13           | 167.92                      | 1.21              | 45.26           |
| 1.43                                                           | 20.36      | 60.62               | 1.79           | 7.13           | 166.18                      | 1.21              | 45.26           |
| 1.468                                                          | 20.37      | 60.62               | 1.91           | 7.14           | 162.0                       | 1.23              | 45.26           |
| 1.478                                                          | 20.37      | 60.63               | 1.91           | 7.15           | 161.73                      | 1.27              | 45.26           |
| 1.494                                                          | 20.37      | 60.63               | 1.95           | 7.15           | 154.87                      | 1.24              | 45.26           |
| 1.544                                                          | 20.37      | 60.62               | 2.02           | 7.15           | 160.95                      | 1.22              | 45.26           |
| 1.597                                                          | 20.37      | 60.62               | 1.91           | 7.15           | 163.35                      | 1.24              | 45.26           |
| 1.622                                                          | 20.37      | 60.63               | 1.83           | 7.14           | 157.55                      | 1.22              | 45.26           |
| 1.627                                                          | 20.37      | 60.63               | 1.79           | 7.14           | 157.74                      | 1.27              | 45.26           |
| 1.664                                                          | 20.37      | 60.63               | 1.95           | 7.14           | 154.95                      | 1.23              | 45.26           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.718 | 20.37 | 60.63 | 1.98 | 7.14 | 159.24 | 1.3  | 45.26 |
| 1.762 | 20.37 | 60.62 | 1.95 | 7.14 | 161.96 | 1.24 | 45.26 |
| 1.77  | 20.37 | 60.62 | 2.02 | 7.13 | 152.63 | 1.28 | 45.26 |
| 1.8   | 20.37 | 60.62 | 2.02 | 7.13 | 156.9  | 1.29 | 45.26 |
| 1.85  | 20.37 | 60.62 | 2.06 | 7.13 | 157.59 | 1.3  | 45.26 |
| 1.889 | 20.36 | 60.62 | 1.72 | 7.14 | 155.27 | 1.35 | 45.26 |
| 1.903 | 20.36 | 60.62 | 1.87 | 7.15 | 152.59 | 1.29 | 45.26 |
| 1.908 | 20.36 | 60.62 | 1.98 | 7.14 | 153.2  | 1.34 | 45.26 |
| 1.94  | 20.36 | 60.62 | 1.98 | 7.14 | 154.34 | 1.37 | 45.26 |
| 1.989 | 20.36 | 60.61 | 2.06 | 7.15 | 152.98 | 1.38 | 45.26 |
| 2.028 | 20.36 | 60.61 | 2.02 | 7.16 | 152.49 | 1.35 | 45.26 |
| 2.041 | 20.36 | 60.61 | 2.17 | 7.15 | 151.26 | 1.3  | 45.26 |
| 2.046 | 20.36 | 60.61 | 1.98 | 7.16 | 151.29 | 1.34 | 45.26 |
| 2.077 | 20.36 | 60.61 | 1.95 | 7.16 | 150.7  | 1.35 | 45.26 |
| 2.126 | 20.35 | 60.61 | 1.95 | 7.16 | 151.75 | 1.32 | 45.26 |
| 2.158 | 20.35 | 60.61 | 2.25 | 7.15 | 152.17 | 1.39 | 45.26 |
| 2.173 | 20.35 | 60.61 | 2.02 | 7.15 | 151.33 | 1.41 | 45.26 |
| 2.186 | 20.35 | 60.61 | 2.14 | 7.14 | 150.21 | 1.41 | 45.26 |
| 2.205 | 20.35 | 60.61 | 2.06 | 7.15 | 150.24 | 1.42 | 45.26 |
| 2.229 | 20.35 | 60.61 | 1.98 | 7.15 | 150.24 | 1.41 | 45.26 |
| 2.252 | 20.35 | 60.61 | 1.91 | 7.16 | 150.38 | 1.38 | 45.26 |
| 2.28  | 20.35 | 60.61 | 1.91 | 7.17 | 150.66 | 1.43 | 45.26 |
| 2.319 | 20.35 | 60.6  | 1.91 | 7.17 | 152.98 | 1.41 | 45.26 |
| 2.347 | 20.35 | 60.6  | 1.91 | 7.16 | 148.86 | 1.45 | 45.26 |
| 2.367 | 20.35 | 60.6  | 1.98 | 7.16 | 151.54 | 1.48 | 45.26 |
| 2.421 | 20.35 | 60.6  | 2.02 | 7.16 | 153.05 | 1.57 | 45.26 |
| 2.463 | 20.34 | 60.6  | 2.02 | 7.16 | 152.24 | 1.53 | 45.26 |
| 2.471 | 20.34 | 60.6  | 2.06 | 7.16 | 151.19 | 1.63 | 45.27 |
| 2.473 | 20.34 | 60.6  | 1.91 | 7.16 | 150.77 | 1.53 | 45.27 |
| 2.496 | 20.34 | 60.6  | 1.83 | 7.15 | 152.28 | 1.52 | 45.27 |
| 2.532 | 20.34 | 60.6  | 2.4  | 7.16 | 153.16 | 1.53 | 45.27 |
| 2.566 | 20.34 | 60.6  | 1.98 | 7.15 | 153.62 | 1.61 | 45.27 |
| 2.592 | 20.34 | 60.6  | 2.06 | 7.15 | 154.12 | 1.57 | 45.27 |
| 2.615 | 20.34 | 60.6  | 2.14 | 7.16 | 153.69 | 1.57 | 45.27 |
| 2.638 | 20.34 | 60.6  | 1.98 | 7.16 | 153.87 | 1.57 | 45.27 |
| 2.657 | 20.34 | 60.6  | 1.79 | 7.16 | 153.94 | 1.59 | 45.27 |
| 2.67  | 20.34 | 60.6  | 2.1  | 7.17 | 155.2  | 1.59 | 45.27 |
| 2.687 | 20.34 | 60.6  | 1.95 | 7.18 | 155.74 | 1.65 | 45.27 |
| 2.718 | 20.34 | 60.6  | 1.83 | 7.18 | 156.28 | 1.6  | 45.27 |
| 2.756 | 20.34 | 60.6  | 1.83 | 7.18 | 156.06 | 1.63 | 45.27 |
| 2.787 | 20.33 | 60.6  | 1.98 | 7.18 | 156.06 | 1.63 | 45.27 |
| 2.803 | 20.33 | 60.6  | 2.1  | 7.18 | 156.97 | 1.63 | 45.28 |
| 2.816 | 20.33 | 60.6  | 1.87 | 7.17 | 158.62 | 1.61 | 45.28 |
| 2.831 | 20.33 | 60.6  | 1.72 | 7.17 | 157.41 | 1.67 | 45.28 |
| 2.851 | 20.33 | 60.6  | 1.87 | 7.16 | 155.77 | 1.63 | 45.28 |
| 2.881 | 20.33 | 60.6  | 1.87 | 7.16 | 157.48 | 1.65 | 45.28 |
| 2.918 | 20.33 | 60.61 | 2.02 | 7.16 | 159.46 | 1.72 | 45.29 |
| 2.945 | 20.33 | 60.61 | 1.95 | 7.16 | 158.91 | 1.66 | 45.29 |
| 2.955 | 20.33 | 60.61 | 1.83 | 7.16 | 158.8  | 1.66 | 45.29 |
| 2.966 | 20.33 | 60.61 | 2.02 | 7.18 | 158.32 | 1.74 | 45.29 |
| 2.993 | 20.33 | 60.61 | 2.02 | 7.18 | 158.32 | 1.69 | 45.29 |
| 3.026 | 20.33 | 60.62 | 1.91 | 7.18 | 160.02 | 1.66 | 45.3  |
| 3.053 | 20.33 | 60.62 | 1.95 | 7.17 | 162.11 | 1.69 | 45.3  |
| 3.073 | 20.33 | 60.63 | 1.64 | 7.17 | 162.79 | 1.69 | 45.3  |
| 3.096 | 20.33 | 60.63 | 1.83 | 7.16 | 161.96 | 1.63 | 45.31 |
| 3.118 | 20.33 | 60.64 | 1.95 | 7.16 | 161.29 | 1.68 | 45.31 |
| 3.14  | 20.33 | 60.64 | 2.1  | 7.16 | 161.73 | 1.69 | 45.32 |
| 3.165 | 20.33 | 60.65 | 2.21 | 7.17 | 163.7  | 1.69 | 45.32 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.19  | 20.33 | 60.66 | 2.17 | 7.18 | 164.65 | 1.69 | 45.33 |
| 3.211 | 20.33 | 60.66 | 2.02 | 7.18 | 164.69 | 1.67 | 45.33 |
| 3.234 | 20.33 | 60.67 | 1.95 | 7.19 | 165.8  | 1.69 | 45.33 |
| 3.26  | 20.33 | 60.67 | 2.17 | 7.19 | 165.64 | 1.71 | 45.33 |
| 3.285 | 20.33 | 60.68 | 1.95 | 7.19 | 166.03 | 1.75 | 45.34 |
| 3.3   | 20.33 | 60.68 | 2.02 | 7.19 | 166.07 | 1.75 | 45.34 |
| 3.307 | 20.33 | 60.69 | 1.98 | 7.19 | 165.14 | 1.69 | 45.35 |
| 3.322 | 20.34 | 60.69 | 1.98 | 7.2  | 168.27 | 1.67 | 45.35 |
| 3.36  | 20.34 | 60.7  | 1.91 | 7.21 | 170.75 | 1.79 | 45.36 |
| 3.409 | 20.34 | 60.74 | 1.91 | 7.21 | 170.55 | 1.61 | 45.39 |
| 3.441 | 20.34 | 60.74 | 1.83 | 7.21 | 169.6  | 1.63 | 45.39 |
| 3.452 | 20.34 | 60.75 | 1.95 | 7.21 | 168.04 | 1.68 | 45.39 |
| 3.454 | 20.34 | 60.75 | 1.91 | 7.22 | 171.03 | 1.77 | 45.39 |
| 3.463 | 20.35 | 60.75 | 1.87 | 7.21 | 172.82 | 1.72 | 45.39 |
| 3.486 | 20.35 | 60.75 | 1.98 | 7.21 | 170.16 | 1.66 | 45.39 |
| 3.515 | 20.35 | 60.75 | 1.91 | 7.21 | 171.82 | 1.65 | 45.39 |
| 3.545 | 20.35 | 60.77 | 1.95 | 7.2  | 172.98 | 1.69 | 45.41 |
| 3.575 | 20.35 | 60.78 | 1.95 | 7.21 | 171.26 | 1.63 | 45.42 |
| 3.602 | 20.35 | 60.8  | 1.83 | 7.21 | 172.1  | 1.62 | 45.43 |
| 3.619 | 20.35 | 60.82 | 1.91 | 7.2  | 171.3  | 1.67 | 45.44 |
| 3.622 | 20.35 | 60.84 | 1.83 | 7.21 | 173.54 | 1.72 | 45.45 |
| 3.629 | 20.36 | 60.84 | 1.72 | 7.22 | 174.03 | 1.63 | 45.45 |
| 3.655 | 20.36 | 60.82 | 1.91 | 7.22 | 173.58 | 1.68 | 45.44 |
| 3.697 | 20.36 | 60.85 | 2.17 | 7.23 | 177.73 | 1.69 | 45.46 |
| 3.729 | 20.36 | 60.86 | 1.91 | 7.23 | 176.63 | 1.69 | 45.47 |
| 3.74  | 20.36 | 60.88 | 2.17 | 7.23 | 174.75 | 1.63 | 45.48 |
| 3.75  | 20.36 | 60.88 | 1.87 | 7.23 | 175.32 | 1.65 | 45.48 |
| 3.773 | 20.36 | 60.87 | 1.83 | 7.23 | 176.58 | 1.69 | 45.47 |
| 3.801 | 20.36 | 60.88 | 1.95 | 7.23 | 175.97 | 1.67 | 45.48 |
| 3.817 | 20.36 | 60.89 | 1.87 | 7.23 | 175.08 | 1.69 | 45.48 |
| 3.822 | 20.37 | 60.89 | 2.29 | 7.23 | 177.65 | 1.62 | 45.48 |
| 3.832 | 20.37 | 60.89 | 2.02 | 7.23 | 176.75 | 1.59 | 45.48 |
| 3.863 | 20.37 | 60.88 | 1.98 | 7.22 | 176.38 | 1.68 | 45.48 |
| 3.906 | 20.37 | 60.88 | 1.68 | 7.22 | 178.31 | 1.74 | 45.48 |
| 3.913 | 20.39 | 60.95 | 1.68 | 7.23 | 179.31 | 1.87 | 45.5  |
| 3.938 | 20.39 | 60.95 | 1.83 | 7.23 | 181.48 | 1.61 | 45.51 |
| 3.999 | 20.39 | 61.05 | 1.75 | 7.23 | 178.56 | 1.59 | 45.59 |
| 4.026 | 20.43 | 61.02 | 1.95 | 7.2  | 180.27 | 1.56 | 45.53 |
| 4.066 | 20.43 | 61.05 | 1.87 | 7.17 | 178.97 | 1.56 | 45.56 |
| 4.122 | 20.43 | 61.11 | 1.75 | 7.14 | 179.93 | 1.46 | 45.6  |
| 4.148 | 20.45 | 61.11 | 1.91 | 7.09 | 182.41 | 1.5  | 45.58 |
| 4.162 | 20.45 | 61.1  | 1.75 | 7.09 | 181.23 | 1.46 | 45.57 |
| 4.218 | 20.45 | 61.12 | 1.68 | 7.08 | 179.31 | 1.53 | 45.59 |
| 4.273 | 20.45 | 61.12 | 1.83 | 7.08 | 184.88 | 1.46 | 45.59 |
| 4.296 | 20.46 | 61.12 | 1.64 | 7.08 | 185.56 | 1.46 | 45.59 |
| 4.3   | 20.46 | 61.12 | 1.91 | 7.08 | 175.2  | 1.44 | 45.58 |
| 4.331 | 20.46 | 61.12 | 1.72 | 7.09 | 176.46 | 1.36 | 45.58 |
| 4.381 | 20.45 | 61.12 | 1.53 | 7.09 | 183.6  | 1.43 | 45.58 |
| 4.422 | 20.45 | 61.12 | 1.79 | 7.09 | 191.33 | 1.32 | 45.59 |
| 4.444 | 20.46 | 61.12 | 1.79 | 7.09 | 182.92 | 1.4  | 45.58 |
| 4.455 | 20.46 | 61.12 | 1.72 | 7.09 | 174.19 | 1.4  | 45.58 |
| 4.472 | 20.46 | 61.12 | 1.75 | 7.09 | 175.56 | 1.45 | 45.58 |
| 4.492 | 20.46 | 61.12 | 1.49 | 7.08 | 182.45 | 1.45 | 45.59 |
| 4.505 | 20.46 | 61.12 | 1.56 | 7.08 | 185.01 | 1.42 | 45.59 |
| 4.514 | 20.46 | 61.13 | 1.53 | 7.08 | 178.52 | 1.39 | 45.59 |
| 4.532 | 20.46 | 61.13 | 1.49 | 7.07 | 175.44 | 1.37 | 45.59 |
| 4.559 | 20.46 | 61.13 | 1.56 | 7.07 | 177.32 | 1.4  | 45.59 |
| 4.579 | 20.46 | 61.13 | 1.49 | 7.06 | 177.98 | 1.41 | 45.59 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.59  | 20.46 | 61.13 | 1.41 | 7.06 | 177.82 | 1.37 | 45.59 |
| 4.604 | 20.46 | 61.12 | 1.37 | 7.06 | 177.49 | 1.38 | 45.58 |
| 4.627 | 20.46 | 61.12 | 1.33 | 7.06 | 177.69 | 1.4  | 45.58 |
| 4.652 | 20.46 | 61.12 | 1.68 | 7.07 | 175.44 | 1.39 | 45.58 |
| 4.672 | 20.46 | 61.12 | 1.56 | 7.09 | 175.16 | 1.43 | 45.58 |
| 4.695 | 20.46 | 61.12 | 1.56 | 7.09 | 176.87 | 1.38 | 45.59 |
| 4.723 | 20.46 | 61.12 | 1.53 | 7.1  | 174.83 | 1.4  | 45.59 |
| 4.746 | 20.46 | 61.12 | 1.33 | 7.11 | 171.54 | 1.37 | 45.59 |
| 4.759 | 20.46 | 61.12 | 1.37 | 7.1  | 169.88 | 1.46 | 45.59 |
| 4.771 | 20.46 | 61.12 | 1.33 | 7.1  | 173.94 | 1.37 | 45.59 |
| 4.792 | 20.46 | 61.13 | 1.3  | 7.09 | 176.14 | 1.41 | 45.59 |
| 4.818 | 20.46 | 61.13 | 1.14 | 7.08 | 171.22 | 1.39 | 45.59 |
| 4.845 | 20.46 | 61.12 | 1.22 | 7.06 | 166.33 | 1.43 | 45.59 |
| 4.868 | 20.46 | 61.13 | 1.3  | 7.05 | 169.02 | 1.56 | 45.59 |
| 4.882 | 20.46 | 61.12 | 1.3  | 7.05 | 175.69 | 1.46 | 45.58 |
| 4.896 | 20.46 | 61.12 | 1.53 | 7.05 | 173.38 | 1.38 | 45.59 |
| 4.922 | 20.46 | 61.12 | 1.56 | 7.05 | 168.66 | 1.33 | 45.59 |
| 4.946 | 20.46 | 61.12 | 1.37 | 7.07 | 167.85 | 1.39 | 45.59 |
| 4.963 | 20.46 | 61.12 | 1.37 | 7.08 | 170.99 | 1.41 | 45.59 |
| 4.975 | 20.46 | 61.13 | 1.14 | 7.08 | 172.74 | 1.43 | 45.59 |
| 4.993 | 20.46 | 61.13 | 1.26 | 7.09 | 167.57 | 1.41 | 45.59 |
| 5.022 | 20.46 | 61.13 | 1.03 | 7.09 | 165.57 | 1.38 | 45.59 |
| 5.056 | 20.46 | 61.13 | 1.18 | 7.09 | 166.33 | 1.37 | 45.59 |
| 5.081 | 20.46 | 61.13 | 1.18 | 7.08 | 165.41 | 1.42 | 45.59 |
| 5.091 | 20.46 | 61.13 | 1.11 | 7.08 | 162.83 | 1.38 | 45.59 |
| 5.102 | 20.46 | 61.13 | 1.33 | 7.08 | 165.45 | 1.36 | 45.59 |
| 5.134 | 20.46 | 61.13 | 1.26 | 7.08 | 165.14 | 1.37 | 45.59 |
| 5.175 | 20.46 | 61.13 | 1.11 | 7.09 | 160.8  | 1.39 | 45.59 |
| 5.206 | 20.46 | 61.13 | 1.3  | 7.09 | 160.21 | 1.39 | 45.59 |
| 5.207 | 20.46 | 61.13 | 1.14 | 7.09 | 160.95 | 1.37 | 45.59 |
| 5.218 | 20.46 | 61.13 | 1.18 | 7.09 | 158.25 | 1.41 | 45.59 |
| 5.259 | 20.46 | 61.13 | 1.07 | 7.09 | 158.43 | 1.44 | 45.59 |
| 5.306 | 20.46 | 61.13 | 0.99 | 7.09 | 158.47 | 1.44 | 45.59 |
| 5.316 | 20.46 | 61.13 | 1.22 | 7.09 | 157.55 | 1.32 | 45.59 |
| 5.345 | 20.46 | 61.13 | 1.14 | 7.08 | 155.77 | 1.3  | 45.59 |
| 5.389 | 20.46 | 61.13 | 1.07 | 7.08 | 154.84 | 1.33 | 45.59 |
| 5.421 | 20.46 | 61.13 | 1.11 | 7.08 | 156.03 | 1.35 | 45.59 |
| 5.433 | 20.46 | 61.13 | 1.03 | 7.08 | 155.96 | 1.33 | 45.59 |
| 5.436 | 20.46 | 61.13 | 1.18 | 7.08 | 153.62 | 1.4  | 45.59 |
| 5.447 | 20.46 | 61.13 | 1.14 | 7.09 | 151.92 | 1.36 | 45.59 |
| 5.469 | 20.46 | 61.13 | 0.99 | 7.09 | 151.15 | 1.39 | 45.59 |
| 5.492 | 20.46 | 61.13 | 0.88 | 7.09 | 151.33 | 1.35 | 45.59 |
| 5.511 | 20.46 | 61.13 | 1.14 | 7.1  | 152.45 | 1.37 | 45.59 |
| 5.533 | 20.46 | 61.13 | 0.95 | 7.1  | 151.85 | 1.39 | 45.59 |
| 5.552 | 20.46 | 61.13 | 1.11 | 7.1  | 149.58 | 1.4  | 45.59 |
| 5.564 | 20.46 | 61.13 | 0.95 | 7.11 | 147.65 | 1.35 | 45.59 |
| 5.578 | 20.46 | 61.13 | 1.14 | 7.1  | 147.35 | 1.39 | 45.59 |
| 5.598 | 20.46 | 61.13 | 0.95 | 7.1  | 148.79 | 1.34 | 45.59 |
| 5.62  | 20.46 | 61.13 | 0.92 | 7.11 | 147.48 | 1.42 | 45.59 |
| 5.637 | 20.46 | 61.13 | 1.03 | 7.1  | 143.57 | 1.37 | 45.59 |
| 5.647 | 20.46 | 61.13 | 1.11 | 7.1  | 142.34 | 1.33 | 45.59 |
| 5.658 | 20.46 | 61.13 | 0.99 | 7.1  | 144.74 | 1.36 | 45.59 |
| 5.682 | 20.46 | 61.13 | 1.22 | 7.1  | 144.64 | 1.51 | 45.59 |
| 5.718 | 20.46 | 61.13 | 1.03 | 7.11 | 142.48 | 1.46 | 45.59 |
| 5.737 | 20.46 | 61.13 | 1.03 | 7.11 | 142.01 | 1.53 | 45.59 |
| 5.748 | 20.46 | 61.13 | 1.11 | 7.11 | 141.19 | 1.42 | 45.59 |
| 5.798 | 20.46 | 61.13 | 1.18 | 7.12 | 137.54 | 1.43 | 45.59 |
| 5.819 | 20.46 | 61.13 | 0.92 | 7.14 | 139.63 | 1.43 | 45.59 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 5.854 | 20.46 | 61.13 | 1.03 | 7.15 | 135.17 | 1.39 | 45.59 |
| 5.907 | 20.46 | 61.13 | 1.03 | 7.17 | 136.24 | 1.5  | 45.58 |
| 5.912 | 20.46 | 61.13 | 1.14 | 7.18 | 132.97 | 1.37 | 45.59 |
| 5.963 | 20.46 | 61.14 | 0.92 | 7.19 | 131.41 | 1.37 | 45.59 |
| 5.999 | 20.46 | 61.14 | 1.11 | 7.18 | 131.77 | 1.44 | 45.59 |
| 6.006 | 20.46 | 61.14 | 1.07 | 7.18 | 133.62 | 1.41 | 45.59 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.35      | 61.0                | 1.18           | 6.94           | 102.95                      | 0.88              | 45.58           |
| PROF (metros)                                                                | 1.899      | 1.509               | 0.795          | 2.036          | 2.325                       | 0.945             | 0.795           |
| MÁXIMO                                                                       | 20.39      | 20.39               | 1.53           | 7.12           | 183.98                      | 1.33              | 45.61           |
| PROF (metros)                                                                | 0.738      | 0.738               | 1.462          | 3.214          | 0.795                       | 2.856             | 3.015           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P02 - Punto 014                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.39      | 61.04               | 1.33           | 7.02           | 168.57                      | 0.92              | 45.58           |
| 1 - 2m                                                     | 20.37      | 61.01               | 1.37           | 7.0            | 130.84                      | 1.04              | 45.58           |
| 2 - 3m                                                     | 20.35      | 61.0                | 1.35           | 6.99           | 124.83                      | 1.23              | 45.6            |
| 3 - 4m                                                     | 20.35      | 61.01               | 1.35           | 7.1            | 154.55                      | 1.23              | 45.6            |

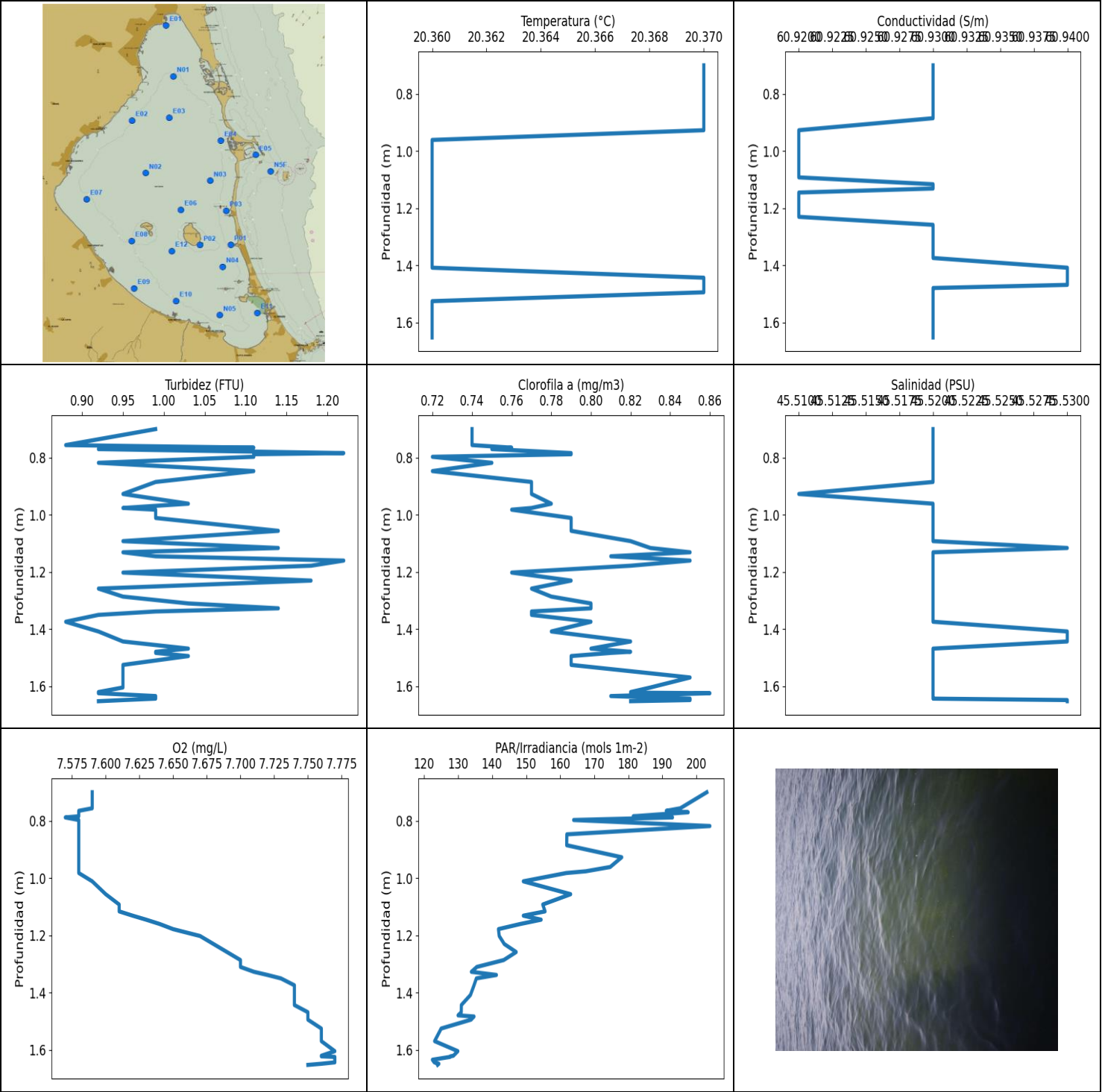
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.738                                                          | 20.39      | 61.04               | 1.37           | 6.99           | 175.16                      | 0.91              | 45.58           |
| 0.795                                                          | 20.39      | 61.04               | 1.18           | 6.99           | 183.98                      | 0.92              | 45.58           |
| 0.818                                                          | 20.39      | 61.04               | 1.41           | 7.0            | 176.01                      | 0.98              | 45.58           |
| 0.824                                                          | 20.39      | 61.04               | 1.22           | 7.0            | 161.4                       | 0.93              | 45.59           |
| 0.825                                                          | 20.39      | 61.04               | 1.37           | 7.02           | 175.2                       | 0.91              | 45.58           |
| 0.83                                                           | 20.39      | 61.04               | 1.37           | 7.03           | 172.58                      | 0.93              | 45.58           |
| 0.853                                                          | 20.39      | 61.04               | 1.41           | 7.03           | 175.61                      | 0.92              | 45.58           |
| 0.886                                                          | 20.39      | 61.04               | 1.22           | 7.03           | 164.76                      | 0.95              | 45.59           |
| 0.919                                                          | 20.39      | 61.04               | 1.45           | 7.03           | 170.39                      | 0.96              | 45.59           |
| 0.945                                                          | 20.39      | 61.04               | 1.3            | 7.03           | 150.31                      | 0.88              | 45.59           |
| 0.963                                                          | 20.39      | 61.04               | 1.41           | 7.03           | 165.11                      | 0.89              | 45.59           |
| 0.977                                                          | 20.39      | 61.04               | 1.3            | 7.02           | 168.0                       | 0.91              | 45.58           |
| 0.994                                                          | 20.39      | 61.04               | 1.3            | 7.02           | 152.84                      | 0.9               | 45.58           |
| 1.018                                                          | 20.39      | 61.04               | 1.3            | 7.02           | 146.39                      | 0.91              | 45.58           |
| 1.047                                                          | 20.39      | 61.04               | 1.45           | 7.02           | 154.02                      | 0.95              | 45.58           |
| 1.077                                                          | 20.39      | 61.04               | 1.41           | 7.01           | 150.07                      | 0.98              | 45.58           |
| 1.105                                                          | 20.39      | 61.04               | 1.41           | 7.01           | 150.31                      | 0.95              | 45.58           |
| 1.128                                                          | 20.39      | 61.03               | 1.37           | 7.01           | 140.54                      | 0.96              | 45.58           |
| 1.143                                                          | 20.39      | 61.03               | 1.3            | 7.01           | 146.36                      | 0.95              | 45.58           |
| 1.155                                                          | 20.39      | 61.03               | 1.37           | 7.02           | 144.94                      | 0.92              | 45.58           |
| 1.171                                                          | 20.38      | 61.02               | 1.22           | 7.02           | 134.39                      | 0.93              | 45.58           |
| 1.198                                                          | 20.38      | 61.02               | 1.33           | 7.02           | 134.83                      | 0.98              | 45.58           |
| 1.232                                                          | 20.38      | 61.02               | 1.33           | 7.01           | 138.83                      | 0.97              | 45.58           |
| 1.263                                                          | 20.38      | 61.02               | 1.26           | 7.01           | 141.1                       | 1.0               | 45.58           |
| 1.283                                                          | 20.38      | 61.02               | 1.3            | 7.01           | 138.06                      | 0.99              | 45.58           |
| 1.297                                                          | 20.37      | 61.01               | 1.18           | 7.01           | 133.99                      | 1.0               | 45.58           |
| 1.309                                                          | 20.37      | 61.01               | 1.37           | 7.0            | 134.55                      | 1.01              | 45.58           |
| 1.328                                                          | 20.37      | 61.01               | 1.26           | 7.0            | 132.05                      | 0.98              | 45.58           |
| 1.355                                                          | 20.37      | 61.01               | 1.33           | 7.0            | 134.8                       | 1.05              | 45.58           |
| 1.388                                                          | 20.37      | 61.01               | 1.41           | 7.01           | 136.46                      | 1.0               | 45.58           |
| 1.418                                                          | 20.37      | 61.01               | 1.41           | 7.02           | 133.46                      | 1.04              | 45.58           |
| 1.439                                                          | 20.37      | 61.01               | 1.41           | 7.02           | 127.74                      | 1.05              | 45.58           |
| 1.451                                                          | 20.37      | 61.01               | 1.45           | 7.01           | 125.8                       | 1.01              | 45.58           |
| 1.462                                                          | 20.37      | 61.01               | 1.53           | 7.0            | 129.95                      | 1.02              | 45.58           |
| 1.48                                                           | 20.37      | 61.01               | 1.33           | 7.0            | 130.43                      | 1.05              | 45.58           |
| 1.509                                                          | 20.36      | 61.0                | 1.45           | 7.0            | 129.77                      | 1.04              | 45.58           |
| 1.539                                                          | 20.36      | 61.0                | 1.41           | 6.99           | 127.48                      | 1.05              | 45.58           |
| 1.564                                                          | 20.36      | 61.0                | 1.37           | 6.99           | 125.28                      | 1.01              | 45.58           |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.583 | 20.36 | 61.0  | 1.33 | 6.99 | 125.1  | 0.98 | 45.58 |
| 1.6   | 20.36 | 61.0  | 1.53 | 6.99 | 126.18 | 1.01 | 45.58 |
| 1.619 | 20.36 | 61.0  | 1.37 | 6.98 | 126.71 | 1.08 | 45.59 |
| 1.641 | 20.36 | 61.0  | 1.37 | 6.98 | 128.37 | 1.07 | 45.59 |
| 1.665 | 20.36 | 61.0  | 1.37 | 6.98 | 128.63 | 1.11 | 45.59 |
| 1.69  | 20.36 | 61.0  | 1.3  | 6.97 | 125.63 | 1.11 | 45.59 |
| 1.718 | 20.36 | 61.0  | 1.37 | 6.98 | 121.84 | 1.11 | 45.59 |
| 1.742 | 20.36 | 61.0  | 1.3  | 6.98 | 121.0  | 1.07 | 45.59 |
| 1.763 | 20.36 | 61.0  | 1.41 | 6.98 | 123.26 | 1.13 | 45.59 |
| 1.782 | 20.36 | 61.0  | 1.45 | 6.98 | 122.78 | 1.11 | 45.59 |
| 1.801 | 20.36 | 61.0  | 1.49 | 6.98 | 120.97 | 1.12 | 45.59 |
| 1.821 | 20.36 | 61.0  | 1.33 | 6.98 | 121.45 | 1.11 | 45.59 |
| 1.844 | 20.36 | 61.0  | 1.41 | 6.99 | 122.66 | 1.12 | 45.59 |
| 1.871 | 20.36 | 61.0  | 1.37 | 6.99 | 122.35 | 1.12 | 45.59 |
| 1.899 | 20.35 | 61.0  | 1.45 | 6.98 | 119.49 | 1.11 | 45.59 |
| 1.925 | 20.35 | 61.0  | 1.45 | 6.98 | 118.47 | 1.11 | 45.59 |
| 1.946 | 20.35 | 61.0  | 1.26 | 6.99 | 119.52 | 1.2  | 45.59 |
| 1.964 | 20.35 | 61.0  | 1.33 | 6.97 | 120.72 | 1.18 | 45.59 |
| 1.983 | 20.35 | 61.0  | 1.3  | 6.96 | 120.33 | 1.21 | 45.59 |
| 2.008 | 20.35 | 61.0  | 1.22 | 6.95 | 119.58 | 1.21 | 45.59 |
| 2.036 | 20.35 | 61.0  | 1.37 | 6.94 | 119.33 | 1.2  | 45.59 |
| 2.063 | 20.35 | 61.0  | 1.33 | 6.94 | 120.49 | 1.23 | 45.59 |
| 2.082 | 20.35 | 61.0  | 1.26 | 6.95 | 120.72 | 1.25 | 45.59 |
| 2.102 | 20.35 | 61.0  | 1.45 | 6.95 | 119.47 | 1.21 | 45.59 |
| 2.128 | 20.35 | 61.0  | 1.37 | 6.96 | 118.14 | 1.2  | 45.59 |
| 2.15  | 20.35 | 61.0  | 1.33 | 6.97 | 118.72 | 1.22 | 45.6  |
| 2.169 | 20.35 | 61.0  | 1.33 | 6.96 | 119.83 | 1.3  | 45.6  |
| 2.19  | 20.35 | 61.0  | 1.37 | 6.96 | 120.19 | 1.2  | 45.6  |
| 2.217 | 20.35 | 61.0  | 1.33 | 6.96 | 120.19 | 1.22 | 45.6  |
| 2.248 | 20.35 | 61.0  | 1.41 | 6.95 | 119.27 | 1.27 | 45.6  |
| 2.272 | 20.35 | 61.0  | 1.33 | 6.95 | 118.56 | 1.25 | 45.6  |
| 2.29  | 20.35 | 61.0  | 1.26 | 6.95 | 117.19 | 1.24 | 45.6  |
| 2.303 | 20.35 | 61.0  | 1.33 | 6.95 | 113.76 | 1.24 | 45.6  |
| 2.325 | 20.35 | 61.0  | 1.41 | 6.96 | 102.95 | 1.17 | 45.6  |
| 2.356 | 20.35 | 61.0  | 1.41 | 6.96 | 111.39 | 1.21 | 45.6  |
| 2.391 | 20.35 | 61.0  | 1.26 | 6.97 | 118.45 | 1.27 | 45.6  |
| 2.419 | 20.35 | 61.0  | 1.26 | 6.98 | 121.5  | 1.28 | 45.6  |
| 2.437 | 20.35 | 61.0  | 1.3  | 6.98 | 122.44 | 1.28 | 45.6  |
| 2.449 | 20.35 | 61.0  | 1.49 | 6.99 | 121.5  | 1.3  | 45.6  |
| 2.465 | 20.35 | 61.0  | 1.45 | 6.99 | 120.24 | 1.2  | 45.6  |
| 2.49  | 20.35 | 61.0  | 1.33 | 6.98 | 121.28 | 1.23 | 45.6  |
| 2.525 | 20.35 | 61.0  | 1.3  | 6.98 | 123.38 | 1.24 | 45.6  |
| 2.558 | 20.35 | 61.0  | 1.37 | 6.99 | 124.64 | 1.24 | 45.6  |
| 2.585 | 20.35 | 61.0  | 1.53 | 7.0  | 125.45 | 1.21 | 45.6  |
| 2.602 | 20.35 | 61.0  | 1.33 | 7.01 | 125.92 | 1.17 | 45.6  |
| 2.614 | 20.35 | 61.0  | 1.37 | 7.02 | 125.34 | 1.2  | 45.6  |
| 2.627 | 20.35 | 61.0  | 1.26 | 7.03 | 124.82 | 1.21 | 45.6  |
| 2.649 | 20.35 | 61.0  | 1.41 | 7.04 | 126.68 | 1.22 | 45.6  |
| 2.686 | 20.35 | 61.0  | 1.22 | 7.04 | 128.48 | 1.24 | 45.6  |
| 2.725 | 20.35 | 61.0  | 1.22 | 7.05 | 130.16 | 1.25 | 45.6  |
| 2.756 | 20.35 | 61.0  | 1.3  | 7.04 | 131.37 | 1.21 | 45.6  |
| 2.767 | 20.35 | 61.0  | 1.49 | 7.02 | 131.65 | 1.25 | 45.6  |
| 2.769 | 20.35 | 61.0  | 1.3  | 7.01 | 131.28 | 1.22 | 45.6  |
| 2.783 | 20.35 | 61.0  | 1.3  | 7.0  | 129.59 | 1.26 | 45.6  |
| 2.816 | 20.35 | 61.0  | 1.37 | 7.0  | 132.29 | 1.25 | 45.6  |
| 2.856 | 20.35 | 61.0  | 1.26 | 6.99 | 137.48 | 1.33 | 45.6  |
| 2.89  | 20.35 | 61.01 | 1.45 | 6.99 | 140.83 | 1.24 | 45.6  |
| 2.911 | 20.35 | 61.01 | 1.22 | 6.99 | 141.16 | 1.29 | 45.6  |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.92  | 20.35 | 61.01 | 1.41 | 6.99 | 137.19 | 1.3  | 45.6  |
| 2.929 | 20.35 | 61.01 | 1.41 | 7.0  | 136.18 | 1.18 | 45.6  |
| 2.946 | 20.35 | 61.01 | 1.37 | 7.01 | 136.69 | 1.18 | 45.6  |
| 2.977 | 20.35 | 61.01 | 1.53 | 7.02 | 141.92 | 1.23 | 45.6  |
| 3.015 | 20.35 | 61.01 | 1.3  | 7.03 | 149.27 | 1.2  | 45.61 |
| 3.049 | 20.35 | 61.02 | 1.41 | 7.05 | 153.55 | 1.17 | 45.61 |
| 3.071 | 20.36 | 61.01 | 1.37 | 7.06 | 150.77 | 1.2  | 45.6  |
| 3.081 | 20.36 | 61.01 | 1.3  | 7.06 | 144.2  | 1.23 | 45.6  |
| 3.089 | 20.36 | 61.01 | 1.22 | 7.08 | 142.05 | 1.27 | 45.6  |
| 3.112 | 20.36 | 61.01 | 1.37 | 7.1  | 149.24 | 1.21 | 45.6  |
| 3.148 | 20.36 | 61.01 | 1.26 | 7.11 | 163.05 | 1.17 | 45.6  |
| 3.187 | 20.36 | 61.01 | 1.41 | 7.11 | 164.3  | 1.17 | 45.6  |
| 3.214 | 20.35 | 61.01 | 1.37 | 7.12 | 156.93 | 1.18 | 45.6  |
| 3.222 | 20.35 | 61.01 | 1.3  | 7.12 | 151.12 | 1.27 | 45.6  |
| 3.224 | 20.35 | 61.01 | 1.41 | 7.12 | 149.76 | 1.27 | 45.6  |
| 3.242 | 20.35 | 61.01 | 1.37 | 7.12 | 163.85 | 1.23 | 45.6  |
| 3.265 | 20.35 | 61.01 | 1.41 | 7.12 | 168.31 | 1.27 | 45.6  |
| 3.276 | 20.35 | 61.01 | 1.37 | 7.12 | 164.27 | 1.24 | 45.6  |
| 3.279 | 20.35 | 61.01 | 1.33 | 7.12 | 155.96 | 1.26 | 45.6  |
| 3.282 | 20.35 | 61.01 | 1.37 | 7.12 | 149.86 | 1.26 | 45.6  |
| 3.283 | 20.35 | 61.01 | 1.41 | 7.12 | 150.91 | 1.23 | 45.6  |



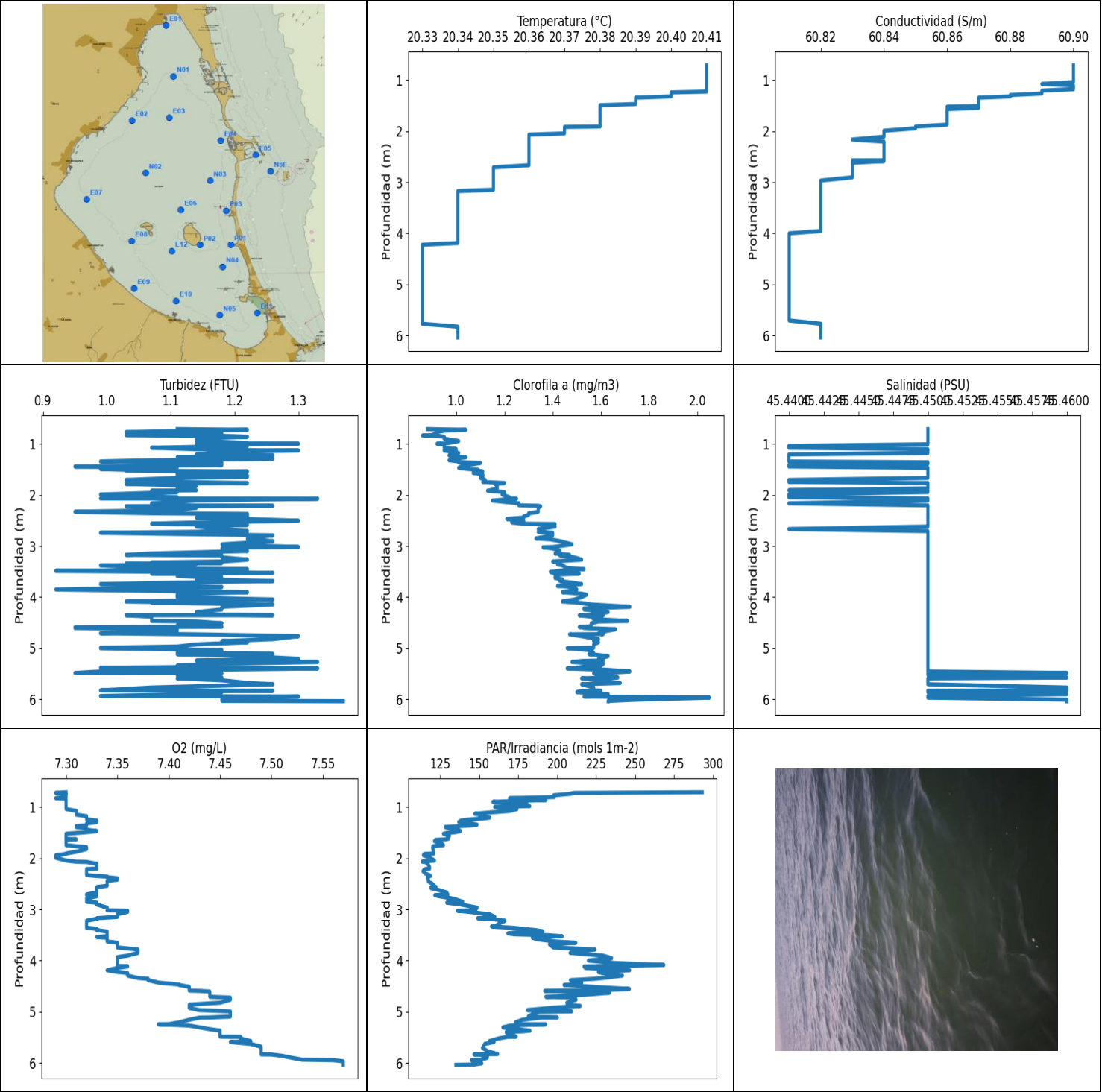
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.36      | 60.92               | 0.88           | 7.57           | 122.41                      | 0.72              | 45.51           |
| PROF (metros)                                                                | 0.961      | 0.927               | 0.756          | 0.788          | 1.634                       | 0.797             | 0.927           |
| MÁXIMO                                                                       | 20.37      | 20.37               | 1.22           | 7.77           | 203.97                      | 0.86              | 45.53           |
| PROF (metros)                                                                | 0.7        | 1.408               | 0.784          | 1.604          | 0.818                       | 1.624             | 1.116           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P01 - Punto 015                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.37      | 60.93               | 1.02           | 7.58           | 181.08                      | 0.76              | 45.52           |
| 1 - 2m                                                     | 20.36      | 60.93               | 1.0            | 7.71           | 137.03                      | 0.81              | 45.52           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.7                                                            | 20.37      | 60.93               | 0.99           | 7.59           | 203.07                      | 0.74              | 45.52           |
| 0.756                                                          | 20.37      | 60.93               | 0.88           | 7.59           | 195.27                      | 0.74              | 45.52           |
| 0.765                                                          | 20.37      | 60.93               | 1.11           | 7.58           | 191.15                      | 0.76              | 45.52           |
| 0.77                                                           | 20.37      | 60.93               | 0.92           | 7.58           | 197.59                      | 0.75              | 45.52           |
| 0.784                                                          | 20.37      | 60.93               | 1.22           | 7.58           | 181.44                      | 0.79              | 45.52           |
| 0.788                                                          | 20.37      | 60.93               | 1.11           | 7.57           | 192.98                      | 0.79              | 45.52           |
| 0.797                                                          | 20.37      | 60.93               | 1.11           | 7.58           | 163.92                      | 0.72              | 45.52           |
| 0.818                                                          | 20.37      | 60.93               | 0.92           | 7.58           | 203.97                      | 0.75              | 45.52           |
| 0.847                                                          | 20.37      | 60.93               | 1.11           | 7.58           | 161.92                      | 0.72              | 45.52           |
| 0.885                                                          | 20.37      | 60.93               | 0.99           | 7.58           | 161.88                      | 0.77              | 45.52           |
| 0.927                                                          | 20.37      | 60.92               | 0.95           | 7.58           | 178.06                      | 0.77              | 45.51           |
| 0.961                                                          | 20.36      | 60.92               | 1.03           | 7.58           | 174.67                      | 0.78              | 45.52           |
| 0.976                                                          | 20.36      | 60.92               | 0.95           | 7.58           | 167.5                       | 0.77              | 45.52           |
| 0.982                                                          | 20.36      | 60.92               | 0.99           | 7.58           | 161.77                      | 0.76              | 45.52           |
| 1.011                                                          | 20.36      | 60.92               | 0.99           | 7.59           | 149.13                      | 0.79              | 45.52           |
| 1.056                                                          | 20.36      | 60.92               | 1.14           | 7.6            | 163.05                      | 0.79              | 45.52           |
| 1.092                                                          | 20.36      | 60.92               | 0.95           | 7.61           | 154.84                      | 0.82              | 45.52           |
| 1.116                                                          | 20.36      | 60.93               | 1.14           | 7.61           | 155.52                      | 0.83              | 45.53           |
| 1.131                                                          | 20.36      | 60.93               | 0.95           | 7.62           | 149.13                      | 0.85              | 45.52           |
| 1.145                                                          | 20.36      | 60.92               | 0.99           | 7.63           | 154.37                      | 0.81              | 45.52           |
| 1.16                                                           | 20.36      | 60.92               | 1.22           | 7.64           | 148.27                      | 0.85              | 45.52           |
| 1.178                                                          | 20.36      | 60.92               | 1.18           | 7.65           | 141.82                      | 0.82              | 45.52           |
| 1.202                                                          | 20.36      | 60.92               | 0.95           | 7.67           | 142.05                      | 0.76              | 45.52           |
| 1.23                                                           | 20.36      | 60.92               | 1.18           | 7.68           | 143.54                      | 0.79              | 45.52           |
| 1.258                                                          | 20.36      | 60.93               | 0.92           | 7.69           | 147.04                      | 0.77              | 45.52           |
| 1.286                                                          | 20.36      | 60.93               | 0.95           | 7.7            | 143.37                      | 0.78              | 45.52           |
| 1.31                                                           | 20.36      | 60.93               | 1.03           | 7.7            | 135.46                      | 0.8               | 45.52           |
| 1.327                                                          | 20.36      | 60.93               | 1.14           | 7.71           | 133.86                      | 0.8               | 45.52           |
| 1.338                                                          | 20.36      | 60.93               | 0.99           | 7.72           | 141.23                      | 0.77              | 45.52           |
| 1.35                                                           | 20.36      | 60.93               | 0.92           | 7.73           | 135.33                      | 0.77              | 45.52           |
| 1.374                                                          | 20.36      | 60.93               | 0.88           | 7.74           | 134.64                      | 0.8               | 45.52           |
| 1.408                                                          | 20.36      | 60.94               | 0.92           | 7.74           | 133.59                      | 0.78              | 45.53           |
| 1.443                                                          | 20.37      | 60.94               | 0.95           | 7.74           | 130.92                      | 0.82              | 45.53           |
| 1.468                                                          | 20.37      | 60.94               | 1.03           | 7.75           | 130.89                      | 0.8               | 45.52           |
| 1.479                                                          | 20.37      | 60.93               | 0.99           | 7.75           | 129.95                      | 0.82              | 45.52           |
| 1.483                                                          | 20.37      | 60.93               | 0.99           | 7.75           | 134.64                      | 0.81              | 45.52           |
| 1.494                                                          | 20.37      | 60.93               | 1.03           | 7.75           | 133.77                      | 0.79              | 45.52           |
| 1.525                                                          | 20.36      | 60.93               | 0.95           | 7.76           | 124.99                      | 0.79              | 45.52           |
| 1.569                                                          | 20.36      | 60.93               | 0.95           | 7.76           | 123.06                      | 0.85              | 45.52           |
| 1.604                                                          | 20.36      | 60.93               | 0.95           | 7.77           | 129.89                      | 0.83              | 45.52           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.62  | 20.36 | 60.93 | 0.92 | 7.76 | 128.57 | 0.82 | 45.52 |
| 1.622 | 20.36 | 60.93 | 0.92 | 7.76 | 127.74 | 0.82 | 45.52 |
| 1.624 | 20.36 | 60.93 | 0.92 | 7.77 | 127.62 | 0.86 | 45.52 |
| 1.634 | 20.36 | 60.93 | 0.99 | 7.77 | 122.41 | 0.81 | 45.52 |
| 1.643 | 20.36 | 60.93 | 0.99 | 7.77 | 122.95 | 0.85 | 45.52 |
| 1.648 | 20.36 | 60.93 | 0.95 | 7.76 | 124.32 | 0.85 | 45.53 |
| 1.652 | 20.36 | 60.93 | 0.92 | 7.75 | 123.92 | 0.82 | 45.53 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.33      | 60.81               | 0.92           | 7.29           | 113.32                      | 0.86              | 45.44           |
| PROF (metros)                                                                | 4.222      | 3.999               | 3.486          | 0.721          | 2.066                       | 0.833             | 1.037           |
| MÁXIMO                                                                       | 20.41      | 20.41               | 1.37           | 7.57           | 293.02                      | 2.05              | 45.46           |
| PROF (metros)                                                                | 0.708      | 0.708               | 6.039          | 5.969          | 0.708                       | 5.969             | 5.486           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N04 - Punto 016                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.41      | 60.9                | 1.16           | 7.3            | 191.06                      | 0.94              | 45.45           |
| 1 - 2m                                                     | 20.39      | 60.87               | 1.13           | 7.31           | 136.18                      | 1.06              | 45.45           |
| 2 - 3m                                                     | 20.36      | 60.84               | 1.15           | 7.33           | 121.84                      | 1.32              | 45.45           |
| 3 - 4m                                                     | 20.34      | 60.82               | 1.13           | 7.34           | 183.02                      | 1.45              | 45.45           |
| 4 - 5m                                                     | 20.33      | 60.81               | 1.13           | 7.4            | 218.78                      | 1.56              | 45.45           |
| 5 - 6m                                                     | 20.33      | 60.81               | 1.15           | 7.46           | 167.87                      | 1.58              | 45.45           |
| 6 - 7m                                                     | 20.34      | 60.82               | 1.24           | 7.57           | 144.35                      | 1.67              | 45.46           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

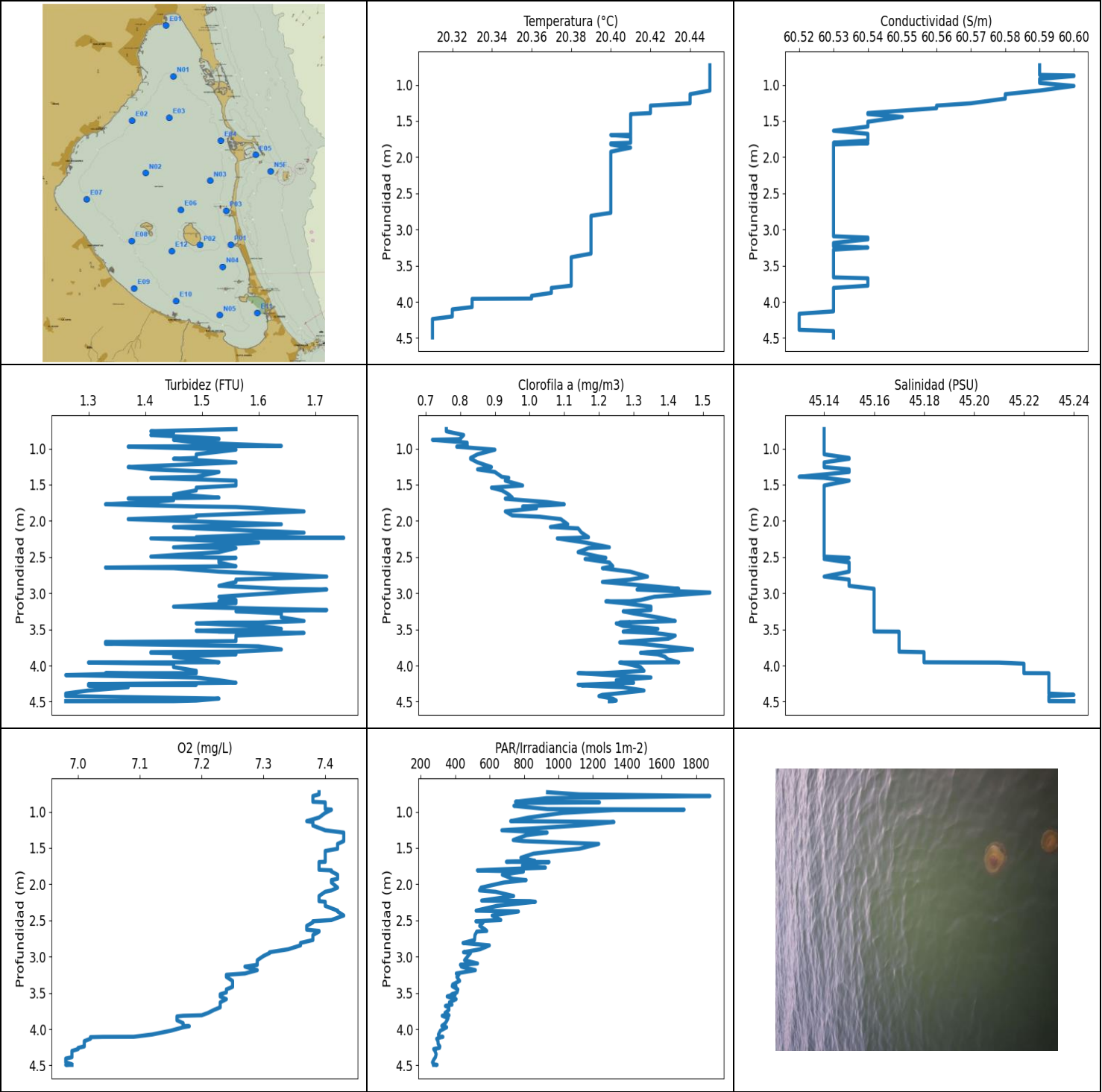
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.708                                                          | 20.41      | 60.9                | 1.11           | 7.3            | 293.02                      | 0.88              | 45.45           |
| 0.721                                                          | 20.41      | 60.9                | 1.22           | 7.29           | 210.35                      | 1.04              | 45.45           |
| 0.738                                                          | 20.41      | 60.9                | 1.14           | 7.3            | 208.56                      | 0.95              | 45.45           |
| 0.767                                                          | 20.41      | 60.9                | 1.03           | 7.3            | 197.69                      | 0.92              | 45.45           |
| 0.801                                                          | 20.41      | 60.9                | 1.18           | 7.3            | 198.1                       | 0.91              | 45.45           |
| 0.825                                                          | 20.41      | 60.9                | 1.03           | 7.29           | 169.41                      | 0.9               | 45.45           |
| 0.833                                                          | 20.41      | 60.9                | 1.07           | 7.3            | 186.69                      | 0.86              | 45.45           |
| 0.839                                                          | 20.41      | 60.9                | 1.18           | 7.3            | 177.08                      | 0.92              | 45.45           |
| 0.858                                                          | 20.41      | 60.9                | 1.22           | 7.3            | 192.8                       | 0.95              | 45.45           |
| 0.896                                                          | 20.41      | 60.9                | 1.14           | 7.3            | 158.69                      | 0.95              | 45.45           |
| 0.942                                                          | 20.41      | 60.9                | 1.14           | 7.3            | 180.14                      | 1.01              | 45.45           |
| 0.979                                                          | 20.41      | 60.9                | 1.22           | 7.3            | 182.32                      | 0.97              | 45.45           |
| 0.993                                                          | 20.41      | 60.9                | 1.22           | 7.3            | 160.21                      | 0.95              | 45.45           |
| 0.995                                                          | 20.41      | 60.9                | 1.3            | 7.3            | 159.8                       | 0.92              | 45.45           |
| 1.005                                                          | 20.41      | 60.9                | 1.14           | 7.3            | 161.14                      | 0.95              | 45.45           |
| 1.037                                                          | 20.41      | 60.9                | 1.22           | 7.3            | 174.19                      | 0.95              | 45.44           |
| 1.074                                                          | 20.41      | 60.89               | 1.07           | 7.31           | 169.41                      | 0.95              | 45.44           |
| 1.101                                                          | 20.41      | 60.9                | 1.14           | 7.31           | 157.99                      | 1.0               | 45.45           |
| 1.117                                                          | 20.41      | 60.9                | 1.18           | 7.31           | 151.99                      | 0.95              | 45.45           |
| 1.129                                                          | 20.41      | 60.9                | 1.3            | 7.31           | 147.14                      | 0.95              | 45.45           |
| 1.148                                                          | 20.41      | 60.9                | 1.18           | 7.31           | 151.68                      | 0.98              | 45.45           |
| 1.176                                                          | 20.41      | 60.9                | 1.18           | 7.32           | 150.45                      | 1.01              | 45.45           |
| 1.204                                                          | 20.41      | 60.89               | 1.14           | 7.32           | 156.75                      | 1.0               | 45.44           |
| 1.223                                                          | 20.41      | 60.89               | 1.26           | 7.32           | 152.24                      | 0.97              | 45.44           |
| 1.239                                                          | 20.4       | 60.89               | 1.18           | 7.32           | 144.57                      | 0.98              | 45.44           |
| 1.261                                                          | 20.4       | 60.89               | 1.11           | 7.33           | 138.31                      | 1.04              | 45.44           |
| 1.29                                                           | 20.4       | 60.88               | 1.26           | 7.33           | 136.78                      | 0.99              | 45.44           |
| 1.318                                                          | 20.4       | 60.88               | 1.07           | 7.32           | 144.77                      | 0.97              | 45.44           |
| 1.342                                                          | 20.39      | 60.87               | 0.99           | 7.32           | 148.55                      | 1.01              | 45.44           |
| 1.358                                                          | 20.39      | 60.87               | 1.14           | 7.32           | 143.7                       | 1.01              | 45.45           |
| 1.37                                                           | 20.39      | 60.87               | 1.18           | 7.31           | 137.29                      | 1.1               | 45.45           |
| 1.388                                                          | 20.39      | 60.87               | 1.14           | 7.31           | 128.1                       | 1.08              | 45.45           |
| 1.413                                                          | 20.39      | 60.87               | 1.18           | 7.32           | 130.53                      | 1.05              | 45.44           |
| 1.441                                                          | 20.39      | 60.87               | 0.95           | 7.32           | 136.28                      | 1.02              | 45.44           |
| 1.467                                                          | 20.39      | 60.87               | 1.11           | 7.33           | 137.83                      | 1.01              | 45.45           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.489 | 20.38 | 60.87 | 0.99 | 7.32 | 134.7  | 1.05 | 45.45 |
| 1.505 | 20.38 | 60.87 | 1.03 | 7.31 | 128.81 | 1.09 | 45.45 |
| 1.52  | 20.38 | 60.86 | 1.03 | 7.3  | 126.94 | 1.09 | 45.45 |
| 1.54  | 20.38 | 60.87 | 1.22 | 7.3  | 130.25 | 1.11 | 45.45 |
| 1.566 | 20.38 | 60.86 | 1.11 | 7.3  | 130.83 | 1.07 | 45.45 |
| 1.594 | 20.38 | 60.86 | 1.11 | 7.3  | 129.56 | 1.11 | 45.45 |
| 1.618 | 20.38 | 60.86 | 1.22 | 7.3  | 130.22 | 1.11 | 45.45 |
| 1.629 | 20.38 | 60.86 | 1.11 | 7.31 | 127.74 | 1.1  | 45.45 |
| 1.64  | 20.38 | 60.86 | 1.22 | 7.3  | 121.93 | 1.11 | 45.45 |
| 1.664 | 20.38 | 60.86 | 1.11 | 7.3  | 121.22 | 1.1  | 45.45 |
| 1.704 | 20.38 | 60.86 | 1.03 | 7.3  | 125.77 | 1.12 | 45.44 |
| 1.743 | 20.38 | 60.86 | 1.11 | 7.3  | 127.03 | 1.11 | 45.44 |
| 1.764 | 20.38 | 60.86 | 1.22 | 7.31 | 120.19 | 1.2  | 45.45 |
| 1.781 | 20.38 | 60.86 | 1.03 | 7.32 | 120.02 | 1.16 | 45.45 |
| 1.821 | 20.38 | 60.86 | 1.14 | 7.32 | 120.22 | 1.17 | 45.45 |
| 1.871 | 20.38 | 60.86 | 1.11 | 7.31 | 120.47 | 1.17 | 45.45 |
| 1.907 | 20.38 | 60.85 | 1.14 | 7.3  | 120.72 | 1.14 | 45.44 |
| 1.915 | 20.37 | 60.85 | 1.07 | 7.3  | 114.58 | 1.13 | 45.45 |
| 1.942 | 20.37 | 60.85 | 1.11 | 7.29 | 114.11 | 1.2  | 45.45 |
| 1.99  | 20.37 | 60.84 | 0.99 | 7.29 | 118.36 | 1.19 | 45.44 |
| 2.043 | 20.37 | 60.84 | 1.11 | 7.3  | 121.25 | 1.22 | 45.44 |
| 2.066 | 20.36 | 60.84 | 0.99 | 7.31 | 113.32 | 1.21 | 45.45 |
| 2.071 | 20.36 | 60.84 | 1.33 | 7.32 | 115.28 | 1.25 | 45.45 |
| 2.108 | 20.36 | 60.84 | 1.14 | 7.33 | 116.86 | 1.15 | 45.45 |
| 2.162 | 20.36 | 60.83 | 1.07 | 7.33 | 118.01 | 1.26 | 45.44 |
| 2.202 | 20.36 | 60.84 | 1.07 | 7.33 | 118.12 | 1.26 | 45.45 |
| 2.21  | 20.36 | 60.84 | 1.26 | 7.32 | 115.46 | 1.34 | 45.45 |
| 2.219 | 20.36 | 60.84 | 1.03 | 7.32 | 114.58 | 1.35 | 45.45 |
| 2.251 | 20.36 | 60.84 | 1.14 | 7.32 | 113.82 | 1.34 | 45.45 |
| 2.294 | 20.36 | 60.84 | 1.11 | 7.32 | 115.22 | 1.34 | 45.45 |
| 2.327 | 20.36 | 60.84 | 0.95 | 7.32 | 117.87 | 1.34 | 45.45 |
| 2.346 | 20.36 | 60.84 | 1.03 | 7.33 | 118.61 | 1.32 | 45.45 |
| 2.357 | 20.36 | 60.84 | 1.07 | 7.34 | 117.43 | 1.3  | 45.45 |
| 2.37  | 20.36 | 60.84 | 1.22 | 7.34 | 116.78 | 1.3  | 45.45 |
| 2.391 | 20.36 | 60.84 | 1.22 | 7.35 | 116.89 | 1.3  | 45.45 |
| 2.417 | 20.36 | 60.84 | 1.22 | 7.35 | 117.33 | 1.28 | 45.45 |
| 2.442 | 20.36 | 60.84 | 1.14 | 7.34 | 117.19 | 1.28 | 45.45 |
| 2.469 | 20.36 | 60.84 | 1.22 | 7.34 | 118.17 | 1.21 | 45.45 |
| 2.503 | 20.36 | 60.84 | 1.3  | 7.34 | 120.13 | 1.28 | 45.45 |
| 2.537 | 20.36 | 60.84 | 1.14 | 7.34 | 121.0  | 1.23 | 45.45 |
| 2.561 | 20.36 | 60.84 | 1.07 | 7.33 | 122.13 | 1.27 | 45.45 |
| 2.569 | 20.36 | 60.84 | 1.11 | 7.33 | 122.24 | 1.41 | 45.45 |
| 2.571 | 20.36 | 60.83 | 1.14 | 7.33 | 118.94 | 1.35 | 45.45 |
| 2.583 | 20.36 | 60.84 | 1.22 | 7.33 | 119.08 | 1.37 | 45.45 |
| 2.618 | 20.36 | 60.83 | 1.14 | 7.33 | 123.89 | 1.41 | 45.45 |
| 2.666 | 20.36 | 60.83 | 1.18 | 7.33 | 128.96 | 1.34 | 45.44 |
| 2.706 | 20.35 | 60.83 | 1.22 | 7.32 | 129.83 | 1.36 | 45.45 |
| 2.72  | 20.35 | 60.83 | 1.14 | 7.32 | 121.42 | 1.34 | 45.45 |
| 2.74  | 20.35 | 60.83 | 0.99 | 7.33 | 124.12 | 1.4  | 45.45 |
| 2.789 | 20.35 | 60.83 | 1.26 | 7.32 | 133.4  | 1.4  | 45.45 |
| 2.849 | 20.35 | 60.83 | 1.22 | 7.32 | 139.34 | 1.33 | 45.45 |
| 2.867 | 20.35 | 60.83 | 1.22 | 7.33 | 129.08 | 1.39 | 45.45 |
| 2.903 | 20.35 | 60.83 | 1.26 | 7.33 | 138.28 | 1.43 | 45.45 |
| 2.965 | 20.35 | 60.82 | 1.18 | 7.34 | 148.58 | 1.48 | 45.45 |
| 3.018 | 20.35 | 60.82 | 1.3  | 7.34 | 147.21 | 1.4  | 45.45 |
| 3.023 | 20.35 | 60.82 | 1.22 | 7.36 | 135.93 | 1.36 | 45.45 |
| 3.046 | 20.35 | 60.82 | 1.18 | 7.36 | 143.17 | 1.4  | 45.45 |
| 3.095 | 20.35 | 60.82 | 1.22 | 7.35 | 156.68 | 1.43 | 45.45 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.146 | 20.35 | 60.82 | 1.07 | 7.35 | 159.95 | 1.41 | 45.45 |
| 3.171 | 20.34 | 60.82 | 1.03 | 7.33 | 148.93 | 1.47 | 45.45 |
| 3.184 | 20.34 | 60.82 | 1.18 | 7.33 | 157.66 | 1.43 | 45.45 |
| 3.221 | 20.34 | 60.82 | 1.18 | 7.32 | 166.45 | 1.49 | 45.45 |
| 3.266 | 20.34 | 60.82 | 1.22 | 7.32 | 163.35 | 1.52 | 45.45 |
| 3.301 | 20.34 | 60.82 | 1.18 | 7.32 | 161.44 | 1.4  | 45.45 |
| 3.321 | 20.34 | 60.82 | 1.07 | 7.32 | 161.1  | 1.43 | 45.45 |
| 3.331 | 20.34 | 60.82 | 1.18 | 7.32 | 157.81 | 1.42 | 45.45 |
| 3.342 | 20.34 | 60.82 | 1.03 | 7.32 | 161.55 | 1.43 | 45.45 |
| 3.358 | 20.34 | 60.82 | 1.14 | 7.32 | 171.07 | 1.42 | 45.45 |
| 3.379 | 20.34 | 60.82 | 0.99 | 7.33 | 177.82 | 1.44 | 45.45 |
| 3.405 | 20.34 | 60.82 | 1.03 | 7.33 | 186.25 | 1.45 | 45.45 |
| 3.431 | 20.34 | 60.82 | 1.03 | 7.34 | 190.84 | 1.46 | 45.45 |
| 3.452 | 20.34 | 60.82 | 1.22 | 7.34 | 172.34 | 1.53 | 45.45 |
| 3.468 | 20.34 | 60.82 | 1.14 | 7.34 | 168.31 | 1.46 | 45.45 |
| 3.486 | 20.34 | 60.82 | 0.92 | 7.34 | 172.38 | 1.43 | 45.45 |
| 3.505 | 20.34 | 60.82 | 1.11 | 7.34 | 194.64 | 1.39 | 45.45 |
| 3.525 | 20.34 | 60.82 | 1.26 | 7.34 | 203.12 | 1.4  | 45.45 |
| 3.539 | 20.34 | 60.82 | 1.07 | 7.33 | 187.47 | 1.51 | 45.45 |
| 3.554 | 20.34 | 60.82 | 1.18 | 7.34 | 184.02 | 1.43 | 45.45 |
| 3.584 | 20.34 | 60.82 | 1.11 | 7.34 | 187.64 | 1.41 | 45.45 |
| 3.626 | 20.34 | 60.82 | 1.18 | 7.34 | 198.37 | 1.41 | 45.45 |
| 3.652 | 20.34 | 60.82 | 1.14 | 7.35 | 211.92 | 1.44 | 45.45 |
| 3.684 | 20.34 | 60.82 | 1.26 | 7.35 | 195.0  | 1.43 | 45.45 |
| 3.743 | 20.34 | 60.82 | 0.99 | 7.35 | 197.5  | 1.52 | 45.45 |
| 3.782 | 20.34 | 60.82 | 1.11 | 7.37 | 224.3  | 1.42 | 45.45 |
| 3.8   | 20.34 | 60.82 | 1.18 | 7.37 | 219.37 | 1.49 | 45.45 |
| 3.85  | 20.34 | 60.82 | 0.92 | 7.37 | 208.27 | 1.5  | 45.45 |
| 3.903 | 20.34 | 60.82 | 1.22 | 7.36 | 229.24 | 1.44 | 45.45 |
| 3.932 | 20.34 | 60.82 | 1.14 | 7.35 | 232.67 | 1.52 | 45.45 |
| 3.953 | 20.34 | 60.82 | 1.11 | 7.35 | 234.89 | 1.54 | 45.45 |
| 3.999 | 20.34 | 60.81 | 1.11 | 7.35 | 219.93 | 1.52 | 45.45 |
| 4.047 | 20.34 | 60.81 | 1.26 | 7.35 | 236.91 | 1.49 | 45.45 |
| 4.086 | 20.34 | 60.81 | 1.03 | 7.35 | 268.38 | 1.44 | 45.45 |
| 4.105 | 20.34 | 60.81 | 1.14 | 7.35 | 239.01 | 1.5  | 45.45 |
| 4.109 | 20.34 | 60.81 | 1.07 | 7.36 | 229.24 | 1.5  | 45.45 |
| 4.115 | 20.34 | 60.81 | 1.11 | 7.36 | 217.19 | 1.52 | 45.45 |
| 4.144 | 20.34 | 60.81 | 1.26 | 7.35 | 218.05 | 1.56 | 45.45 |
| 4.189 | 20.34 | 60.81 | 1.18 | 7.34 | 246.43 | 1.72 | 45.45 |
| 4.222 | 20.33 | 60.81 | 1.18 | 7.35 | 226.34 | 1.53 | 45.45 |
| 4.242 | 20.33 | 60.81 | 1.18 | 7.36 | 228.66 | 1.53 | 45.45 |
| 4.294 | 20.33 | 60.81 | 1.14 | 7.36 | 241.79 | 1.63 | 45.45 |
| 4.34  | 20.33 | 60.81 | 1.14 | 7.37 | 229.19 | 1.56 | 45.45 |
| 4.355 | 20.33 | 60.81 | 1.26 | 7.38 | 224.3  | 1.61 | 45.45 |
| 4.356 | 20.33 | 60.81 | 1.03 | 7.38 | 223.89 | 1.51 | 45.45 |
| 4.382 | 20.33 | 60.81 | 1.07 | 7.38 | 208.41 | 1.56 | 45.45 |
| 4.431 | 20.33 | 60.81 | 1.07 | 7.39 | 215.74 | 1.57 | 45.45 |
| 4.467 | 20.33 | 60.81 | 1.07 | 7.41 | 208.99 | 1.71 | 45.45 |
| 4.476 | 20.33 | 60.81 | 1.14 | 7.41 | 204.35 | 1.59 | 45.45 |
| 4.512 | 20.33 | 60.81 | 1.18 | 7.42 | 222.59 | 1.56 | 45.45 |
| 4.554 | 20.33 | 60.81 | 1.11 | 7.42 | 246.26 | 1.56 | 45.45 |
| 4.579 | 20.33 | 60.81 | 1.18 | 7.42 | 227.92 | 1.55 | 45.45 |
| 4.586 | 20.33 | 60.81 | 1.07 | 7.42 | 200.36 | 1.51 | 45.45 |
| 4.592 | 20.33 | 60.81 | 0.95 | 7.43 | 191.91 | 1.53 | 45.45 |
| 4.605 | 20.33 | 60.81 | 0.95 | 7.44 | 208.99 | 1.53 | 45.45 |
| 4.629 | 20.33 | 60.81 | 1.11 | 7.44 | 233.42 | 1.66 | 45.45 |
| 4.666 | 20.33 | 60.81 | 1.11 | 7.44 | 218.5  | 1.62 | 45.45 |
| 4.707 | 20.33 | 60.81 | 0.99 | 7.44 | 192.66 | 1.59 | 45.45 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.724 | 20.33 | 60.81 | 1.11 | 7.46 | 211.72 | 1.61 | 45.45 |
| 4.729 | 20.33 | 60.81 | 1.14 | 7.46 | 210.99 | 1.47 | 45.45 |
| 4.765 | 20.33 | 60.81 | 1.3  | 7.46 | 212.07 | 1.52 | 45.45 |
| 4.823 | 20.33 | 60.81 | 1.26 | 7.45 | 206.15 | 1.59 | 45.45 |
| 4.861 | 20.33 | 60.81 | 1.18 | 7.42 | 206.73 | 1.57 | 45.45 |
| 4.885 | 20.33 | 60.81 | 1.22 | 7.42 | 214.74 | 1.59 | 45.45 |
| 4.926 | 20.33 | 60.81 | 1.14 | 7.42 | 195.41 | 1.57 | 45.45 |
| 4.968 | 20.33 | 60.81 | 1.11 | 7.43 | 180.89 | 1.57 | 45.45 |
| 4.992 | 20.33 | 60.81 | 0.99 | 7.46 | 209.24 | 1.57 | 45.45 |
| 5.001 | 20.33 | 60.81 | 0.99 | 7.46 | 188.38 | 1.46 | 45.45 |
| 5.038 | 20.33 | 60.81 | 1.18 | 7.46 | 184.53 | 1.56 | 45.45 |
| 5.094 | 20.33 | 60.81 | 1.11 | 7.46 | 181.4  | 1.57 | 45.45 |
| 5.112 | 20.33 | 60.81 | 1.26 | 7.44 | 200.08 | 1.56 | 45.45 |
| 5.115 | 20.33 | 60.81 | 1.11 | 7.43 | 189.39 | 1.55 | 45.45 |
| 5.156 | 20.33 | 60.81 | 1.22 | 7.42 | 177.57 | 1.63 | 45.45 |
| 5.208 | 20.33 | 60.81 | 1.3  | 7.41 | 173.06 | 1.59 | 45.45 |
| 5.243 | 20.33 | 60.81 | 1.14 | 7.4  | 177.57 | 1.61 | 45.45 |
| 5.246 | 20.33 | 60.81 | 1.26 | 7.39 | 192.49 | 1.56 | 45.45 |
| 5.252 | 20.33 | 60.81 | 1.22 | 7.4  | 184.36 | 1.52 | 45.45 |
| 5.271 | 20.33 | 60.81 | 1.33 | 7.42 | 169.68 | 1.48 | 45.45 |
| 5.305 | 20.33 | 60.81 | 1.18 | 7.43 | 165.11 | 1.61 | 45.45 |
| 5.341 | 20.33 | 60.81 | 1.11 | 7.44 | 173.74 | 1.6  | 45.45 |
| 5.369 | 20.33 | 60.81 | 1.14 | 7.45 | 182.45 | 1.52 | 45.45 |
| 5.384 | 20.33 | 60.81 | 0.99 | 7.45 | 176.91 | 1.5  | 45.45 |
| 5.387 | 20.33 | 60.81 | 1.14 | 7.45 | 170.67 | 1.52 | 45.45 |
| 5.397 | 20.33 | 60.81 | 1.33 | 7.45 | 167.22 | 1.46 | 45.45 |
| 5.423 | 20.33 | 60.81 | 1.14 | 7.45 | 167.57 | 1.62 | 45.45 |
| 5.457 | 20.33 | 60.81 | 0.99 | 7.45 | 171.7  | 1.72 | 45.45 |
| 5.486 | 20.33 | 60.81 | 0.95 | 7.45 | 173.7  | 1.62 | 45.46 |
| 5.489 | 20.33 | 60.81 | 1.03 | 7.46 | 171.86 | 1.61 | 45.45 |
| 5.49  | 20.33 | 60.81 | 1.18 | 7.47 | 168.08 | 1.57 | 45.45 |
| 5.522 | 20.33 | 60.81 | 1.11 | 7.47 | 162.3  | 1.59 | 45.45 |
| 5.575 | 20.33 | 60.81 | 1.18 | 7.48 | 156.39 | 1.67 | 45.46 |
| 5.591 | 20.33 | 60.81 | 1.11 | 7.46 | 159.43 | 1.52 | 45.45 |
| 5.629 | 20.33 | 60.81 | 1.18 | 7.48 | 153.45 | 1.59 | 45.45 |
| 5.682 | 20.33 | 60.81 | 1.22 | 7.49 | 152.38 | 1.68 | 45.45 |
| 5.706 | 20.33 | 60.81 | 1.26 | 7.49 | 151.99 | 1.52 | 45.45 |
| 5.771 | 20.33 | 60.82 | 1.07 | 7.49 | 155.31 | 1.57 | 45.46 |
| 5.828 | 20.34 | 60.82 | 0.99 | 7.49 | 161.73 | 1.57 | 45.46 |
| 5.833 | 20.34 | 60.82 | 1.26 | 7.49 | 146.53 | 1.6  | 45.45 |
| 5.836 | 20.34 | 60.82 | 1.11 | 7.5  | 150.14 | 1.52 | 45.45 |
| 5.861 | 20.34 | 60.82 | 1.18 | 7.51 | 155.13 | 1.5  | 45.45 |
| 5.901 | 20.34 | 60.82 | 1.14 | 7.52 | 155.09 | 1.63 | 45.46 |
| 5.937 | 20.34 | 60.82 | 0.99 | 7.53 | 150.42 | 1.63 | 45.45 |
| 5.947 | 20.34 | 60.82 | 1.3  | 7.56 | 144.94 | 1.53 | 45.45 |
| 5.969 | 20.34 | 60.82 | 1.18 | 7.57 | 148.27 | 2.05 | 45.45 |
| 6.008 | 20.34 | 60.82 | 1.18 | 7.57 | 151.61 | 1.75 | 45.46 |
| 6.033 | 20.34 | 60.82 | 1.18 | 7.57 | 146.46 | 1.63 | 45.46 |
| 6.039 | 20.34 | 60.82 | 1.37 | 7.57 | 134.99 | 1.63 | 45.46 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.31      | 60.52               | 1.26           | 6.98           | 268.62                      | 0.72              | 45.13           |
| PROF (metros)                                                                | 4.238      | 4.165               | 4.132          | 4.405          | 4.457                       | 0.879             | 1.391           |
| MÁXIMO                                                                       | 20.45      | 20.45               | 1.75           | 7.43           | 1879.2                      | 1.52              | 45.24           |
| PROF (metros)                                                                | 0.731      | 0.871               | 2.234          | 1.288          | 0.783                       | 2.991             | 4.405           |

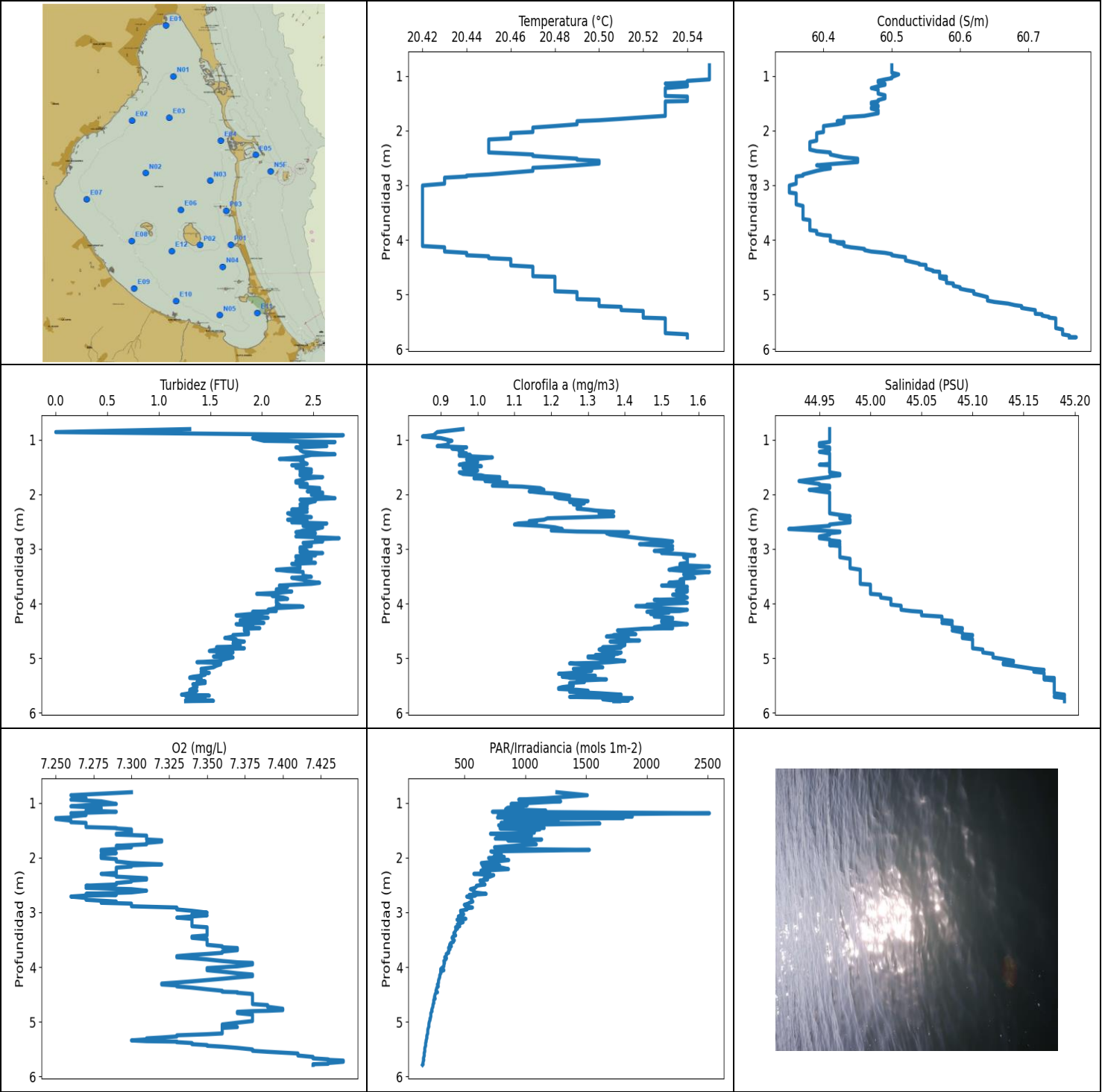
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E11 - Punto 017                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.45      | 60.59               | 1.48           | 7.39           | 1127.18                     | 0.79              | 45.14           |
| 1 - 2m                                                     | 20.41      | 60.55               | 1.48           | 7.4            | 849.77                      | 0.94              | 45.14           |
| 2 - 3m                                                     | 20.4       | 60.53               | 1.55           | 7.38           | 587.59                      | 1.22              | 45.15           |
| 3 - 4m                                                     | 20.38      | 60.53               | 1.53           | 7.23           | 388.86                      | 1.33              | 45.17           |
| 4 - 5m                                                     | 20.31      | 60.53               | 1.39           | 7.02           | 294.26                      | 1.23              | 45.23           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.731                                                          | 20.45      | 60.59               | 1.56           | 7.39           | 936.69                      | 0.76              | 45.14           |
| 0.761                                                          | 20.45      | 60.59               | 1.41           | 7.39           | 1122.8                      | 0.76              | 45.14           |
| 0.783                                                          | 20.45      | 60.59               | 1.45           | 7.38           | 1879.2                      | 0.78              | 45.14           |
| 0.813                                                          | 20.45      | 60.59               | 1.41           | 7.38           | 931.49                      | 0.81              | 45.14           |
| 0.863                                                          | 20.45      | 60.59               | 1.53           | 7.38           | 750.7                       | 0.8               | 45.14           |
| 0.871                                                          | 20.45      | 60.6                | 1.53           | 7.4            | 1237.9                      | 0.8               | 45.14           |
| 0.879                                                          | 20.45      | 60.6                | 1.45           | 7.4            | 793.83                      | 0.72              | 45.14           |
| 0.919                                                          | 20.45      | 60.59               | 1.49           | 7.4            | 741.36                      | 0.82              | 45.14           |
| 0.964                                                          | 20.45      | 60.59               | 1.64           | 7.4            | 935.39                      | 0.82              | 45.14           |
| 0.971                                                          | 20.45      | 60.59               | 1.41           | 7.41           | 1729.6                      | 0.82              | 45.14           |
| 0.974                                                          | 20.45      | 60.59               | 1.37           | 7.41           | 1340.0                      | 0.79              | 45.14           |
| 1.016                                                          | 20.45      | 60.6                | 1.56           | 7.4            | 1024.8                      | 0.9               | 45.14           |
| 1.08                                                           | 20.45      | 60.59               | 1.49           | 7.39           | 828.41                      | 0.85              | 45.14           |
| 1.13                                                           | 20.44      | 60.58               | 1.49           | 7.37           | 722.7                       | 0.83              | 45.15           |
| 1.142                                                          | 20.44      | 60.58               | 1.45           | 7.38           | 1322.1                      | 0.83              | 45.15           |
| 1.191                                                          | 20.44      | 60.58               | 1.56           | 7.38           | 1116.6                      | 0.85              | 45.14           |
| 1.256                                                          | 20.44      | 60.57               | 1.37           | 7.4            | 671.51                      | 0.89              | 45.14           |
| 1.288                                                          | 20.42      | 60.56               | 1.41           | 7.43           | 934.31                      | 0.85              | 45.15           |
| 1.324                                                          | 20.42      | 60.56               | 1.53           | 7.43           | 813.76                      | 0.9               | 45.15           |
| 1.391                                                          | 20.42      | 60.54               | 1.49           | 7.43           | 737.42                      | 0.92              | 45.13           |
| 1.405                                                          | 20.41      | 60.54               | 1.41           | 7.43           | 794.01                      | 0.94              | 45.14           |
| 1.444                                                          | 20.41      | 60.55               | 1.56           | 7.42           | 1233.9                      | 0.93              | 45.15           |
| 1.511                                                          | 20.41      | 60.54               | 1.56           | 7.42           | 1120.5                      | 0.98              | 45.14           |
| 1.541                                                          | 20.41      | 60.54               | 1.49           | 7.4            | 992.11                      | 0.89              | 45.14           |
| 1.578                                                          | 20.41      | 60.54               | 1.49           | 7.4            | 855.54                      | 0.92              | 45.14           |
| 1.635                                                          | 20.41      | 60.53               | 1.45           | 7.4            | 781.96                      | 0.94              | 45.14           |
| 1.678                                                          | 20.41      | 60.54               | 1.53           | 7.4            | 863.31                      | 0.95              | 45.14           |
| 1.691                                                          | 20.41      | 60.54               | 1.37           | 7.4            | 697.85                      | 0.93              | 45.14           |
| 1.694                                                          | 20.4       | 60.54               | 1.45           | 7.39           | 945.2                       | 0.93              | 45.14           |
| 1.714                                                          | 20.41      | 60.54               | 1.45           | 7.39           | 797.33                      | 0.98              | 45.14           |
| 1.74                                                           | 20.41      | 60.54               | 1.41           | 7.39           | 791.26                      | 1.05              | 45.14           |
| 1.771                                                          | 20.41      | 60.54               | 1.33           | 7.39           | 924.18                      | 1.1               | 45.14           |
| 1.801                                                          | 20.41      | 60.53               | 1.49           | 7.39           | 594.85                      | 0.98              | 45.14           |
| 1.809                                                          | 20.4       | 60.54               | 1.56           | 7.41           | 529.39                      | 1.01              | 45.14           |
| 1.825                                                          | 20.4       | 60.53               | 1.6            | 7.41           | 796.41                      | 1.02              | 45.14           |
| 1.869                                                          | 20.41      | 60.53               | 1.68           | 7.42           | 674.16                      | 0.93              | 45.14           |
| 1.925                                                          | 20.4       | 60.53               | 1.49           | 7.42           | 734.52                      | 0.95              | 45.14           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.943 | 20.4  | 60.53 | 1.49 | 7.41 | 812.25 | 1.03 | 45.14 |
| 1.976 | 20.4  | 60.53 | 1.37 | 7.41 | 683.12 | 1.09 | 45.14 |
| 2.047 | 20.4  | 60.53 | 1.64 | 7.42 | 550.92 | 1.11 | 45.14 |
| 2.085 | 20.4  | 60.53 | 1.45 | 7.41 | 541.8  | 1.06 | 45.14 |
| 2.104 | 20.4  | 60.53 | 1.49 | 7.4  | 634.44 | 1.14 | 45.14 |
| 2.163 | 20.4  | 60.53 | 1.68 | 7.39 | 739.82 | 1.15 | 45.14 |
| 2.226 | 20.4  | 60.53 | 1.49 | 7.39 | 554.38 | 1.17 | 45.14 |
| 2.234 | 20.4  | 60.53 | 1.75 | 7.39 | 834.97 | 1.14 | 45.14 |
| 2.242 | 20.4  | 60.53 | 1.41 | 7.4  | 865.91 | 1.08 | 45.14 |
| 2.299 | 20.4  | 60.53 | 1.6  | 7.4  | 642.58 | 1.16 | 45.14 |
| 2.365 | 20.4  | 60.53 | 1.45 | 7.42 | 522.2  | 1.23 | 45.14 |
| 2.376 | 20.4  | 60.53 | 1.56 | 7.42 | 767.59 | 1.17 | 45.14 |
| 2.432 | 20.4  | 60.53 | 1.53 | 7.43 | 615.18 | 1.14 | 45.14 |
| 2.494 | 20.4  | 60.53 | 1.41 | 7.41 | 665.31 | 1.2  | 45.14 |
| 2.511 | 20.4  | 60.53 | 1.56 | 7.38 | 520.87 | 1.22 | 45.15 |
| 2.527 | 20.4  | 60.53 | 1.53 | 7.38 | 562.79 | 1.16 | 45.14 |
| 2.575 | 20.4  | 60.53 | 1.53 | 7.37 | 542.93 | 1.23 | 45.15 |
| 2.627 | 20.4  | 60.53 | 1.56 | 7.37 | 575.45 | 1.24 | 45.15 |
| 2.645 | 20.4  | 60.53 | 1.33 | 7.39 | 583.51 | 1.22 | 45.15 |
| 2.654 | 20.4  | 60.53 | 1.45 | 7.39 | 525.84 | 1.21 | 45.15 |
| 2.702 | 20.4  | 60.53 | 1.53 | 7.38 | 515.23 | 1.29 | 45.15 |
| 2.77  | 20.4  | 60.53 | 1.72 | 7.38 | 512.6  | 1.34 | 45.14 |
| 2.811 | 20.39 | 60.53 | 1.56 | 7.36 | 445.95 | 1.29 | 45.15 |
| 2.844 | 20.39 | 60.53 | 1.56 | 7.36 | 598.72 | 1.21 | 45.15 |
| 2.898 | 20.39 | 60.53 | 1.53 | 7.34 | 545.2  | 1.34 | 45.15 |
| 2.939 | 20.39 | 60.53 | 1.64 | 7.31 | 448.85 | 1.43 | 45.16 |
| 2.949 | 20.39 | 60.53 | 1.72 | 7.31 | 489.5  | 1.31 | 45.16 |
| 2.991 | 20.39 | 60.53 | 1.64 | 7.3  | 474.86 | 1.52 | 45.16 |
| 3.049 | 20.39 | 60.53 | 1.53 | 7.29 | 454.82 | 1.36 | 45.16 |
| 3.094 | 20.39 | 60.53 | 1.56 | 7.29 | 530.25 | 1.32 | 45.16 |
| 3.112 | 20.39 | 60.54 | 1.56 | 7.29 | 430.81 | 1.29 | 45.16 |
| 3.113 | 20.39 | 60.54 | 1.53 | 7.29 | 447.5  | 1.22 | 45.16 |
| 3.137 | 20.39 | 60.54 | 1.56 | 7.27 | 436.14 | 1.27 | 45.16 |
| 3.186 | 20.39 | 60.53 | 1.45 | 7.29 | 517.62 | 1.35 | 45.16 |
| 3.232 | 20.39 | 60.53 | 1.72 | 7.27 | 406.94 | 1.35 | 45.16 |
| 3.25  | 20.39 | 60.54 | 1.56 | 7.24 | 421.72 | 1.27 | 45.16 |
| 3.279 | 20.39 | 60.53 | 1.64 | 7.24 | 410.25 | 1.3  | 45.16 |
| 3.334 | 20.39 | 60.53 | 1.64 | 7.25 | 426.24 | 1.37 | 45.16 |
| 3.384 | 20.38 | 60.53 | 1.68 | 7.25 | 385.9  | 1.42 | 45.16 |
| 3.406 | 20.38 | 60.53 | 1.6  | 7.25 | 404.96 | 1.26 | 45.16 |
| 3.407 | 20.38 | 60.53 | 1.53 | 7.25 | 383.32 | 1.29 | 45.16 |
| 3.417 | 20.38 | 60.53 | 1.49 | 7.25 | 390.04 | 1.25 | 45.16 |
| 3.451 | 20.38 | 60.53 | 1.6  | 7.24 | 416.0  | 1.27 | 45.16 |
| 3.493 | 20.38 | 60.53 | 1.64 | 7.24 | 410.92 | 1.37 | 45.16 |
| 3.519 | 20.38 | 60.53 | 1.49 | 7.23 | 379.87 | 1.29 | 45.16 |
| 3.529 | 20.38 | 60.53 | 1.53 | 7.23 | 399.83 | 1.27 | 45.16 |
| 3.531 | 20.38 | 60.53 | 1.53 | 7.23 | 377.67 | 1.27 | 45.17 |
| 3.549 | 20.38 | 60.53 | 1.68 | 7.23 | 354.02 | 1.36 | 45.17 |
| 3.586 | 20.38 | 60.53 | 1.56 | 7.24 | 405.81 | 1.42 | 45.17 |
| 3.63  | 20.38 | 60.53 | 1.56 | 7.23 | 367.14 | 1.4  | 45.17 |
| 3.662 | 20.38 | 60.53 | 1.56 | 7.23 | 381.81 | 1.3  | 45.17 |
| 3.675 | 20.38 | 60.54 | 1.33 | 7.23 | 349.38 | 1.27 | 45.17 |
| 3.68  | 20.38 | 60.54 | 1.37 | 7.23 | 343.59 | 1.26 | 45.17 |
| 3.699 | 20.38 | 60.54 | 1.33 | 7.23 | 363.25 | 1.32 | 45.17 |
| 3.734 | 20.38 | 60.54 | 1.6  | 7.22 | 364.18 | 1.39 | 45.17 |
| 3.777 | 20.38 | 60.54 | 1.64 | 7.21 | 341.13 | 1.47 | 45.17 |
| 3.808 | 20.37 | 60.53 | 1.56 | 7.2  | 364.85 | 1.37 | 45.17 |
| 3.815 | 20.37 | 60.53 | 1.41 | 7.17 | 325.0  | 1.34 | 45.18 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.824 | 20.37 | 60.53 | 1.41 | 7.16 | 334.4  | 1.32 | 45.18 |
| 3.845 | 20.37 | 60.53 | 1.56 | 7.16 | 359.31 | 1.37 | 45.18 |
| 3.877 | 20.37 | 60.53 | 1.45 | 7.16 | 353.37 | 1.39 | 45.18 |
| 3.917 | 20.36 | 60.53 | 1.49 | 7.17 | 343.2  | 1.4  | 45.18 |
| 3.955 | 20.36 | 60.53 | 1.53 | 7.17 | 322.98 | 1.43 | 45.18 |
| 3.959 | 20.33 | 60.53 | 1.3  | 7.18 | 332.86 | 1.26 | 45.21 |
| 3.974 | 20.33 | 60.53 | 1.45 | 7.17 | 350.92 | 1.28 | 45.22 |
| 4.021 | 20.33 | 60.53 | 1.45 | 7.15 | 314.41 | 1.32 | 45.22 |
| 4.073 | 20.33 | 60.53 | 1.49 | 7.12 | 303.38 | 1.33 | 45.22 |
| 4.105 | 20.32 | 60.53 | 1.49 | 7.09 | 305.85 | 1.21 | 45.22 |
| 4.106 | 20.32 | 60.53 | 1.33 | 7.04 | 329.17 | 1.14 | 45.23 |
| 4.11  | 20.32 | 60.53 | 1.37 | 7.02 | 318.29 | 1.16 | 45.23 |
| 4.132 | 20.32 | 60.53 | 1.26 | 7.02 | 293.22 | 1.23 | 45.23 |
| 4.165 | 20.32 | 60.52 | 1.49 | 7.01 | 300.51 | 1.35 | 45.23 |
| 4.203 | 20.32 | 60.52 | 1.53 | 7.01 | 301.56 | 1.25 | 45.23 |
| 4.238 | 20.31 | 60.52 | 1.56 | 7.01 | 311.58 | 1.3  | 45.23 |
| 4.258 | 20.31 | 60.52 | 1.3  | 7.0  | 309.56 | 1.19 | 45.23 |
| 4.266 | 20.31 | 60.52 | 1.49 | 7.0  | 295.13 | 1.14 | 45.23 |
| 4.268 | 20.31 | 60.52 | 1.41 | 7.0  | 286.5  | 1.17 | 45.23 |
| 4.275 | 20.31 | 60.52 | 1.3  | 7.0  | 275.82 | 1.15 | 45.23 |
| 4.3   | 20.31 | 60.52 | 1.37 | 6.99 | 283.2  | 1.27 | 45.23 |
| 4.345 | 20.31 | 60.52 | 1.3  | 6.99 | 289.98 | 1.33 | 45.23 |
| 4.387 | 20.31 | 60.52 | 1.26 | 6.99 | 285.71 | 1.25 | 45.23 |
| 4.405 | 20.31 | 60.53 | 1.26 | 6.98 | 280.59 | 1.21 | 45.24 |
| 4.422 | 20.31 | 60.53 | 1.26 | 6.98 | 275.94 | 1.2  | 45.23 |
| 4.457 | 20.31 | 60.53 | 1.53 | 6.98 | 268.62 | 1.24 | 45.23 |
| 4.484 | 20.31 | 60.53 | 1.49 | 6.99 | 273.46 | 1.25 | 45.23 |
| 4.492 | 20.31 | 60.53 | 1.45 | 6.98 | 295.47 | 1.24 | 45.23 |
| 4.493 | 20.31 | 60.53 | 1.26 | 6.99 | 275.88 | 1.23 | 45.24 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.42      | 60.35               | 0.0            | 7.25           | 155.7                       | 0.85              | 44.92           |
| PROF (metros)                                                                | 3.005      | 3.005               | 0.859          | 1.277          | 5.789                       | 0.939             | 2.635           |
| MÁXIMO                                                                       | 20.55      | 20.55               | 2.79           | 7.44           | 2514.8                      | 1.63              | 45.19           |
| PROF (metros)                                                                | 0.804      | 5.786               | 0.915          | 5.71           | 1.188                       | 3.321             | 5.669           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N05 - Punto 018                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.55      | 60.5                | 2.11           | 7.28           | 1165.52                     | 0.9               | 44.96           |
| 1 - 2m                                                     | 20.52      | 60.47               | 2.43           | 7.28           | 1010.05                     | 1.01              | 44.96           |
| 2 - 3m                                                     | 20.46      | 60.39               | 2.45           | 7.29           | 630.91                      | 1.31              | 44.96           |
| 3 - 4m                                                     | 20.42      | 60.37               | 2.31           | 7.35           | 401.98                      | 1.55              | 44.99           |
| 4 - 5m                                                     | 20.46      | 60.54               | 1.84           | 7.37           | 263.53                      | 1.43              | 45.08           |
| 5 - 6m                                                     | 20.52      | 60.72               | 1.41           | 7.38           | 180.73                      | 1.3               | 45.17           |

| 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) |
| 0.804                                                          | 20.55      | 60.5                | 1.3            | 7.3            | 1260.8                      | 0.96              | 44.96           |
| 0.859                                                          | 20.55      | 60.5                | 0.0            | 7.26           | 1510.6                      | 0.89              | 44.96           |
| 0.915                                                          | 20.55      | 60.5                | 2.79           | 7.27           | 1162.3                      | 0.88              | 44.96           |
| 0.939                                                          | 20.55      | 60.5                | 2.44           | 7.26           | 947.17                      | 0.85              | 44.96           |
| 0.97                                                           | 20.55      | 60.51               | 1.91           | 7.28           | 1291.8                      | 0.9               | 44.96           |
| 1.019                                                          | 20.55      | 60.5                | 2.02           | 7.29           | 883.96                      | 0.93              | 44.96           |
| 1.04                                                           | 20.55      | 60.5                | 2.71           | 7.27           | 1017.0                      | 0.92              | 44.96           |
| 1.062                                                          | 20.55      | 60.49               | 2.37           | 7.26           | 958.43                      | 0.92              | 44.95           |
| 1.089                                                          | 20.54      | 60.48               | 2.52           | 7.28           | 854.15                      | 0.92              | 44.95           |
| 1.116                                                          | 20.54      | 60.48               | 2.63           | 7.28           | 838.85                      | 0.89              | 44.95           |
| 1.139                                                          | 20.53      | 60.49               | 2.33           | 7.27           | 1169.0                      | 0.97              | 44.96           |
| 1.161                                                          | 20.54      | 60.49               | 2.37           | 7.29           | 730.28                      | 0.93              | 44.96           |
| 1.188                                                          | 20.54      | 60.48               | 2.37           | 7.26           | 2514.8                      | 0.96              | 44.96           |
| 1.221                                                          | 20.53      | 60.47               | 2.4            | 7.27           | 779.42                      | 0.95              | 44.95           |
| 1.249                                                          | 20.53      | 60.48               | 2.56           | 7.26           | 1880.5                      | 0.97              | 44.96           |
| 1.266                                                          | 20.53      | 60.48               | 2.71           | 7.26           | 772.41                      | 0.95              | 44.96           |
| 1.277                                                          | 20.53      | 60.48               | 2.48           | 7.25           | 1808.3                      | 0.98              | 44.96           |
| 1.293                                                          | 20.53      | 60.48               | 2.44           | 7.25           | 831.3                       | 0.95              | 44.96           |
| 1.323                                                          | 20.53      | 60.48               | 2.37           | 7.26           | 1270.5                      | 1.04              | 44.96           |
| 1.352                                                          | 20.53      | 60.49               | 2.17           | 7.26           | 1104.2                      | 1.0               | 44.96           |
| 1.364                                                          | 20.53      | 60.49               | 2.33           | 7.27           | 801.59                      | 0.97              | 44.96           |
| 1.366                                                          | 20.53      | 60.49               | 2.4            | 7.27           | 814.7                       | 1.0               | 44.96           |
| 1.376                                                          | 20.54      | 60.49               | 2.37           | 7.27           | 1613.8                      | 0.98              | 44.96           |
| 1.408                                                          | 20.54      | 60.49               | 2.4            | 7.27           | 781.59                      | 1.0               | 44.96           |
| 1.441                                                          | 20.54      | 60.48               | 2.44           | 7.27           | 832.84                      | 0.96              | 44.96           |
| 1.458                                                          | 20.54      | 60.48               | 2.37           | 7.29           | 1155.8                      | 0.95              | 44.95           |
| 1.466                                                          | 20.53      | 60.48               | 2.29           | 7.29           | 793.64                      | 0.99              | 44.96           |
| 1.484                                                          | 20.53      | 60.47               | 2.4            | 7.3            | 1120.2                      | 1.01              | 44.96           |
| 1.513                                                          | 20.53      | 60.47               | 2.33           | 7.3            | 1019.4                      | 0.96              | 44.96           |
| 1.543                                                          | 20.53      | 60.48               | 2.48           | 7.3            | 1074.9                      | 0.97              | 44.96           |
| 1.563                                                          | 20.53      | 60.48               | 2.48           | 7.29           | 714.54                      | 1.0               | 44.96           |
| 1.578                                                          | 20.53      | 60.47               | 2.37           | 7.29           | 867.72                      | 0.99              | 44.96           |
| 1.597                                                          | 20.53      | 60.47               | 2.48           | 7.31           | 1051.8                      | 0.95              | 44.96           |
| 1.626                                                          | 20.53      | 60.48               | 2.37           | 7.31           | 822.86                      | 0.96              | 44.97           |
| 1.651                                                          | 20.53      | 60.48               | 2.37           | 7.31           | 754.19                      | 1.01              | 44.97           |
| 1.668                                                          | 20.53      | 60.48               | 2.4            | 7.31           | 1135.4                      | 1.02              | 44.96           |

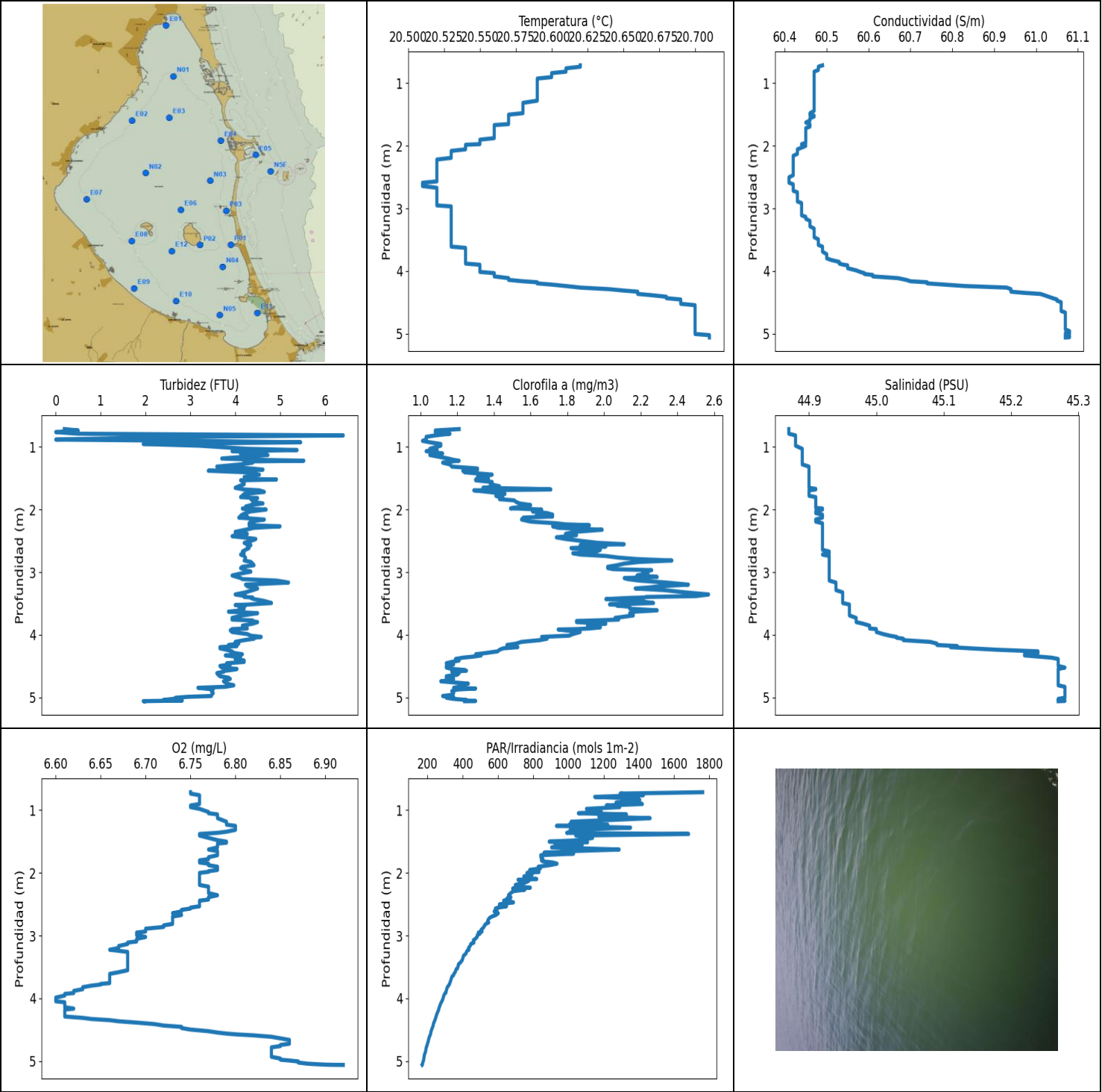


|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.683 | 20.53 | 60.48 | 2.59 | 7.32 | 856.53 | 1.06 | 44.96 |
| 1.706 | 20.53 | 60.47 | 2.44 | 7.32 | 1036.8 | 0.99 | 44.95 |
| 1.73  | 20.53 | 60.46 | 2.4  | 7.31 | 1030.3 | 1.06 | 44.94 |
| 1.756 | 20.52 | 60.43 | 2.33 | 7.31 | 1091.5 | 1.02 | 44.93 |
| 1.784 | 20.51 | 60.43 | 2.33 | 7.29 | 898.0  | 1.08 | 44.94 |
| 1.81  | 20.5  | 60.43 | 2.44 | 7.3  | 747.92 | 1.07 | 44.95 |
| 1.827 | 20.49 | 60.42 | 2.44 | 7.29 | 839.04 | 1.08 | 44.95 |
| 1.841 | 20.49 | 60.43 | 2.37 | 7.29 | 789.06 | 1.04 | 44.96 |
| 1.858 | 20.49 | 60.43 | 2.37 | 7.28 | 1527.5 | 1.12 | 44.96 |
| 1.885 | 20.49 | 60.42 | 2.56 | 7.28 | 717.86 | 1.17 | 44.96 |
| 1.916 | 20.48 | 60.4  | 2.56 | 7.29 | 771.16 | 1.18 | 44.94 |
| 1.944 | 20.47 | 60.4  | 2.44 | 7.28 | 804.76 | 1.14 | 44.95 |
| 1.967 | 20.47 | 60.4  | 2.59 | 7.28 | 745.67 | 1.17 | 44.96 |
| 1.987 | 20.47 | 60.4  | 2.59 | 7.28 | 828.03 | 1.21 | 44.96 |
| 2.006 | 20.47 | 60.4  | 2.48 | 7.28 | 699.3  | 1.23 | 44.96 |
| 2.026 | 20.47 | 60.4  | 2.56 | 7.29 | 720.86 | 1.25 | 44.96 |
| 2.045 | 20.46 | 60.39 | 2.59 | 7.29 | 864.31 | 1.21 | 44.96 |
| 2.07  | 20.46 | 60.39 | 2.71 | 7.29 | 761.74 | 1.22 | 44.96 |
| 2.099 | 20.46 | 60.39 | 2.37 | 7.3  | 639.46 | 1.26 | 44.96 |
| 2.122 | 20.46 | 60.39 | 2.52 | 7.32 | 643.62 | 1.3  | 44.96 |
| 2.141 | 20.46 | 60.39 | 2.48 | 7.3  | 789.79 | 1.25 | 44.96 |
| 2.162 | 20.45 | 60.39 | 2.44 | 7.3  | 652.18 | 1.29 | 44.96 |
| 2.183 | 20.45 | 60.39 | 2.37 | 7.29 | 809.62 | 1.26 | 44.96 |
| 2.21  | 20.45 | 60.38 | 2.44 | 7.29 | 862.51 | 1.28 | 44.96 |
| 2.238 | 20.45 | 60.38 | 2.37 | 7.29 | 636.5  | 1.28 | 44.96 |
| 2.262 | 20.45 | 60.38 | 2.44 | 7.29 | 707.13 | 1.27 | 44.96 |
| 2.279 | 20.45 | 60.38 | 2.29 | 7.29 | 702.06 | 1.3  | 44.96 |
| 2.296 | 20.45 | 60.38 | 2.4  | 7.28 | 578.13 | 1.32 | 44.96 |
| 2.32  | 20.45 | 60.38 | 2.44 | 7.29 | 741.36 | 1.37 | 44.96 |
| 2.347 | 20.45 | 60.38 | 2.25 | 7.29 | 711.07 | 1.33 | 44.96 |
| 2.376 | 20.45 | 60.39 | 2.29 | 7.31 | 662.85 | 1.36 | 44.97 |
| 2.4   | 20.45 | 60.41 | 2.4  | 7.31 | 690.45 | 1.37 | 44.98 |
| 2.418 | 20.46 | 60.41 | 2.48 | 7.3  | 628.0  | 1.29 | 44.97 |
| 2.438 | 20.47 | 60.41 | 2.37 | 7.3  | 658.1  | 1.19 | 44.97 |
| 2.464 | 20.47 | 60.42 | 2.25 | 7.29 | 634.14 | 1.18 | 44.98 |
| 2.49  | 20.48 | 60.43 | 2.44 | 7.29 | 669.64 | 1.14 | 44.98 |
| 2.513 | 20.49 | 60.45 | 2.29 | 7.27 | 599.28 | 1.16 | 44.98 |
| 2.533 | 20.49 | 60.45 | 2.63 | 7.28 | 598.3  | 1.11 | 44.97 |
| 2.552 | 20.5  | 60.45 | 2.56 | 7.27 | 586.9  | 1.1  | 44.96 |
| 2.576 | 20.5  | 60.45 | 2.4  | 7.3  | 550.03 | 1.17 | 44.96 |
| 2.604 | 20.5  | 60.42 | 2.59 | 7.31 | 581.22 | 1.21 | 44.94 |
| 2.635 | 20.49 | 60.39 | 2.52 | 7.3  | 577.33 | 1.23 | 44.92 |
| 2.662 | 20.48 | 60.4  | 2.4  | 7.27 | 678.7  | 1.2  | 44.95 |
| 2.681 | 20.47 | 60.41 | 2.37 | 7.29 | 539.42 | 1.27 | 44.97 |
| 2.693 | 20.47 | 60.41 | 2.33 | 7.27 | 591.0  | 1.41 | 44.97 |
| 2.711 | 20.47 | 60.4  | 2.52 | 7.26 | 519.18 | 1.35 | 44.96 |
| 2.737 | 20.47 | 60.39 | 2.48 | 7.27 | 558.76 | 1.36 | 44.96 |
| 2.77  | 20.46 | 60.38 | 2.33 | 7.27 | 558.5  | 1.4  | 44.95 |
| 2.803 | 20.45 | 60.37 | 2.75 | 7.29 | 569.35 | 1.44 | 44.95 |
| 2.825 | 20.44 | 60.37 | 2.52 | 7.28 | 539.67 | 1.47 | 44.96 |
| 2.84  | 20.44 | 60.36 | 2.52 | 7.3  | 532.22 | 1.5  | 44.96 |
| 2.862 | 20.43 | 60.36 | 2.59 | 7.3  | 499.47 | 1.53 | 44.97 |
| 2.889 | 20.43 | 60.36 | 2.4  | 7.3  | 511.06 | 1.5  | 44.96 |
| 2.912 | 20.43 | 60.36 | 2.48 | 7.33 | 566.46 | 1.44 | 44.97 |
| 2.929 | 20.43 | 60.36 | 2.44 | 7.33 | 519.66 | 1.48 | 44.96 |
| 2.947 | 20.43 | 60.36 | 2.48 | 7.33 | 521.35 | 1.53 | 44.97 |
| 2.972 | 20.43 | 60.36 | 2.37 | 7.34 | 468.52 | 1.52 | 44.97 |
| 3.005 | 20.42 | 60.35 | 2.37 | 7.35 | 470.8  | 1.53 | 44.97 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.035 | 20.42 | 60.35 | 2.44 | 7.34 | 494.4  | 1.48 | 44.97 |
| 3.055 | 20.42 | 60.35 | 2.37 | 7.35 | 471.35 | 1.52 | 44.97 |
| 3.075 | 20.42 | 60.35 | 2.59 | 7.34 | 450.31 | 1.5  | 44.97 |
| 3.096 | 20.42 | 60.35 | 2.44 | 7.33 | 458.74 | 1.56 | 44.97 |
| 3.118 | 20.42 | 60.35 | 2.52 | 7.34 | 512.37 | 1.59 | 44.97 |
| 3.134 | 20.42 | 60.35 | 2.33 | 7.34 | 439.59 | 1.56 | 44.97 |
| 3.151 | 20.42 | 60.36 | 2.33 | 7.34 | 450.63 | 1.56 | 44.97 |
| 3.18  | 20.42 | 60.36 | 2.48 | 7.34 | 489.73 | 1.57 | 44.98 |
| 3.221 | 20.42 | 60.36 | 2.33 | 7.34 | 441.73 | 1.57 | 44.98 |
| 3.254 | 20.42 | 60.36 | 2.52 | 7.34 | 461.62 | 1.57 | 44.98 |
| 3.273 | 20.42 | 60.36 | 2.29 | 7.35 | 427.33 | 1.55 | 44.98 |
| 3.282 | 20.42 | 60.36 | 2.37 | 7.35 | 437.76 | 1.57 | 44.98 |
| 3.296 | 20.42 | 60.36 | 2.37 | 7.35 | 443.89 | 1.55 | 44.98 |
| 3.321 | 20.42 | 60.36 | 2.37 | 7.35 | 428.42 | 1.63 | 44.98 |
| 3.351 | 20.42 | 60.36 | 2.37 | 7.35 | 424.96 | 1.54 | 44.98 |
| 3.38  | 20.42 | 60.37 | 2.14 | 7.35 | 412.92 | 1.52 | 44.99 |
| 3.402 | 20.42 | 60.37 | 2.25 | 7.35 | 420.26 | 1.56 | 44.99 |
| 3.422 | 20.42 | 60.37 | 2.4  | 7.35 | 428.22 | 1.63 | 44.99 |
| 3.443 | 20.42 | 60.37 | 2.4  | 7.34 | 404.68 | 1.59 | 44.99 |
| 3.466 | 20.42 | 60.37 | 2.4  | 7.34 | 398.44 | 1.56 | 44.99 |
| 3.491 | 20.42 | 60.37 | 2.4  | 7.35 | 403.93 | 1.57 | 44.99 |
| 3.511 | 20.42 | 60.37 | 2.48 | 7.35 | 417.44 | 1.57 | 44.99 |
| 3.527 | 20.42 | 60.37 | 2.29 | 7.35 | 408.54 | 1.59 | 44.99 |
| 3.542 | 20.42 | 60.37 | 2.33 | 7.35 | 409.02 | 1.56 | 44.99 |
| 3.563 | 20.42 | 60.37 | 2.4  | 7.35 | 386.8  | 1.55 | 44.99 |
| 3.594 | 20.42 | 60.37 | 2.44 | 7.35 | 378.64 | 1.56 | 44.99 |
| 3.62  | 20.42 | 60.37 | 2.56 | 7.36 | 393.21 | 1.52 | 44.99 |
| 3.639 | 20.42 | 60.38 | 2.48 | 7.36 | 372.37 | 1.56 | 44.99 |
| 3.653 | 20.42 | 60.38 | 2.33 | 7.37 | 369.53 | 1.55 | 45.0  |
| 3.67  | 20.42 | 60.38 | 2.17 | 7.37 | 382.34 | 1.5  | 45.0  |
| 3.692 | 20.42 | 60.38 | 2.25 | 7.37 | 373.41 | 1.57 | 45.0  |
| 3.718 | 20.42 | 60.38 | 2.21 | 7.36 | 366.89 | 1.55 | 45.0  |
| 3.74  | 20.42 | 60.38 | 2.14 | 7.36 | 370.82 | 1.57 | 45.0  |
| 3.761 | 20.42 | 60.38 | 2.14 | 7.35 | 350.76 | 1.54 | 45.0  |
| 3.778 | 20.42 | 60.38 | 2.29 | 7.34 | 350.92 | 1.57 | 45.0  |
| 3.801 | 20.42 | 60.38 | 2.17 | 7.33 | 350.43 | 1.56 | 45.0  |
| 3.822 | 20.42 | 60.38 | 1.95 | 7.33 | 338.06 | 1.55 | 45.0  |
| 3.838 | 20.42 | 60.39 | 2.14 | 7.34 | 352.88 | 1.53 | 45.01 |
| 3.861 | 20.42 | 60.39 | 2.1  | 7.35 | 346.95 | 1.56 | 45.01 |
| 3.89  | 20.42 | 60.39 | 2.21 | 7.36 | 330.86 | 1.57 | 45.01 |
| 3.914 | 20.42 | 60.4  | 2.25 | 7.37 | 336.19 | 1.56 | 45.02 |
| 3.924 | 20.42 | 60.41 | 2.17 | 7.38 | 336.81 | 1.53 | 45.02 |
| 3.932 | 20.42 | 60.41 | 2.14 | 7.38 | 333.09 | 1.48 | 45.02 |
| 3.952 | 20.42 | 60.41 | 2.14 | 7.38 | 332.01 | 1.51 | 45.02 |
| 3.987 | 20.42 | 60.41 | 2.14 | 7.37 | 331.24 | 1.57 | 45.02 |
| 4.02  | 20.42 | 60.41 | 2.17 | 7.35 | 313.24 | 1.46 | 45.02 |
| 4.04  | 20.42 | 60.42 | 2.14 | 7.35 | 304.72 | 1.46 | 45.03 |
| 4.047 | 20.42 | 60.43 | 2.37 | 7.35 | 323.8  | 1.43 | 45.03 |
| 4.058 | 20.42 | 60.42 | 2.4  | 7.35 | 331.32 | 1.46 | 45.03 |
| 4.084 | 20.42 | 60.43 | 2.14 | 7.36 | 304.58 | 1.5  | 45.03 |
| 4.114 | 20.42 | 60.43 | 2.06 | 7.37 | 306.0  | 1.57 | 45.03 |
| 4.137 | 20.43 | 60.44 | 2.14 | 7.38 | 300.72 | 1.55 | 45.04 |
| 4.151 | 20.43 | 60.45 | 1.91 | 7.38 | 297.12 | 1.46 | 45.05 |
| 4.167 | 20.43 | 60.46 | 2.06 | 7.38 | 297.6  | 1.52 | 45.05 |
| 4.189 | 20.43 | 60.46 | 1.91 | 7.37 | 296.64 | 1.47 | 45.05 |
| 4.215 | 20.43 | 60.47 | 1.75 | 7.36 | 292.07 | 1.49 | 45.05 |
| 4.239 | 20.44 | 60.49 | 1.95 | 7.35 | 288.03 | 1.48 | 45.07 |
| 4.262 | 20.44 | 60.5  | 2.06 | 7.34 | 286.84 | 1.53 | 45.07 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.283 | 20.44 | 60.5  | 1.91 | 7.33 | 287.3  | 1.53 | 45.07 |
| 4.302 | 20.45 | 60.51 | 1.79 | 7.32 | 284.85 | 1.51 | 45.07 |
| 4.319 | 20.45 | 60.52 | 1.79 | 7.32 | 277.74 | 1.5  | 45.08 |
| 4.336 | 20.45 | 60.52 | 1.91 | 7.33 | 282.74 | 1.5  | 45.08 |
| 4.354 | 20.46 | 60.52 | 2.02 | 7.33 | 285.51 | 1.54 | 45.07 |
| 4.377 | 20.46 | 60.52 | 1.75 | 7.34 | 273.84 | 1.57 | 45.08 |
| 4.407 | 20.46 | 60.53 | 1.91 | 7.35 | 270.19 | 1.5  | 45.08 |
| 4.434 | 20.46 | 60.54 | 1.83 | 7.36 | 266.15 | 1.48 | 45.08 |
| 4.451 | 20.46 | 60.54 | 1.98 | 7.36 | 270.81 | 1.53 | 45.09 |
| 4.46  | 20.46 | 60.55 | 1.87 | 7.37 | 279.1  | 1.45 | 45.09 |
| 4.47  | 20.46 | 60.55 | 1.83 | 7.37 | 266.02 | 1.43 | 45.09 |
| 4.493 | 20.47 | 60.55 | 1.83 | 7.38 | 260.41 | 1.38 | 45.08 |
| 4.528 | 20.47 | 60.55 | 1.87 | 7.38 | 256.16 | 1.41 | 45.09 |
| 4.561 | 20.47 | 60.56 | 1.87 | 7.38 | 252.91 | 1.43 | 45.09 |
| 4.576 | 20.47 | 60.56 | 1.72 | 7.38 | 260.05 | 1.37 | 45.1  |
| 4.586 | 20.47 | 60.57 | 1.72 | 7.38 | 256.04 | 1.37 | 45.1  |
| 4.604 | 20.47 | 60.57 | 1.72 | 7.38 | 247.81 | 1.35 | 45.09 |
| 4.631 | 20.47 | 60.57 | 1.64 | 7.38 | 247.46 | 1.41 | 45.09 |
| 4.654 | 20.47 | 60.57 | 1.75 | 7.38 | 249.54 | 1.41 | 45.1  |
| 4.667 | 20.47 | 60.57 | 1.72 | 7.38 | 246.43 | 1.4  | 45.1  |
| 4.677 | 20.48 | 60.58 | 1.75 | 7.38 | 242.97 | 1.44 | 45.1  |
| 4.696 | 20.48 | 60.57 | 1.83 | 7.39 | 241.57 | 1.36 | 45.1  |
| 4.727 | 20.48 | 60.58 | 1.72 | 7.39 | 240.9  | 1.4  | 45.1  |
| 4.762 | 20.48 | 60.58 | 1.79 | 7.4  | 234.18 | 1.4  | 45.1  |
| 4.788 | 20.48 | 60.58 | 1.72 | 7.4  | 230.74 | 1.39 | 45.1  |
| 4.8   | 20.48 | 60.59 | 1.56 | 7.39 | 233.21 | 1.34 | 45.1  |
| 4.806 | 20.48 | 60.59 | 1.72 | 7.38 | 234.56 | 1.39 | 45.1  |
| 4.819 | 20.48 | 60.59 | 1.83 | 7.37 | 230.36 | 1.34 | 45.1  |
| 4.842 | 20.48 | 60.59 | 1.56 | 7.37 | 224.04 | 1.33 | 45.11 |
| 4.869 | 20.48 | 60.6  | 1.49 | 7.38 | 223.83 | 1.34 | 45.11 |
| 4.896 | 20.48 | 60.6  | 1.72 | 7.38 | 224.46 | 1.39 | 45.11 |
| 4.922 | 20.48 | 60.61 | 1.68 | 7.38 | 222.08 | 1.38 | 45.12 |
| 4.943 | 20.48 | 60.62 | 1.56 | 7.38 | 216.64 | 1.32 | 45.12 |
| 4.958 | 20.49 | 60.62 | 1.68 | 7.38 | 218.35 | 1.37 | 45.12 |
| 4.97  | 20.49 | 60.62 | 1.53 | 7.38 | 217.59 | 1.3  | 45.12 |
| 4.987 | 20.49 | 60.62 | 1.72 | 7.38 | 213.7  | 1.3  | 45.12 |
| 5.017 | 20.49 | 60.63 | 1.64 | 7.37 | 209.87 | 1.35 | 45.13 |
| 5.05  | 20.49 | 60.64 | 1.6  | 7.36 | 207.83 | 1.4  | 45.14 |
| 5.074 | 20.49 | 60.64 | 1.37 | 7.36 | 207.64 | 1.36 | 45.14 |
| 5.087 | 20.49 | 60.64 | 1.6  | 7.36 | 208.27 | 1.32 | 45.13 |
| 5.097 | 20.5  | 60.64 | 1.53 | 7.37 | 206.2  | 1.25 | 45.13 |
| 5.113 | 20.5  | 60.64 | 1.6  | 7.36 | 203.54 | 1.28 | 45.13 |
| 5.138 | 20.5  | 60.65 | 1.56 | 7.36 | 199.67 | 1.3  | 45.14 |
| 5.168 | 20.5  | 60.67 | 1.53 | 7.36 | 198.93 | 1.34 | 45.15 |
| 5.197 | 20.5  | 60.68 | 1.41 | 7.36 | 198.28 | 1.26 | 45.16 |
| 5.214 | 20.5  | 60.69 | 1.45 | 7.36 | 198.65 | 1.27 | 45.17 |
| 5.228 | 20.51 | 60.69 | 1.45 | 7.35 | 196.22 | 1.31 | 45.16 |
| 5.248 | 20.51 | 60.69 | 1.41 | 7.33 | 192.17 | 1.27 | 45.16 |
| 5.269 | 20.51 | 60.7  | 1.49 | 7.33 | 190.4  | 1.26 | 45.17 |
| 5.288 | 20.51 | 60.71 | 1.41 | 7.32 | 192.22 | 1.22 | 45.17 |
| 5.304 | 20.52 | 60.71 | 1.45 | 7.31 | 190.67 | 1.28 | 45.17 |
| 5.322 | 20.52 | 60.71 | 1.41 | 7.31 | 188.29 | 1.32 | 45.17 |
| 5.341 | 20.52 | 60.71 | 1.33 | 7.3  | 185.35 | 1.23 | 45.17 |
| 5.355 | 20.52 | 60.71 | 1.3  | 7.31 | 185.31 | 1.25 | 45.17 |
| 5.363 | 20.52 | 60.72 | 1.3  | 7.33 | 185.65 | 1.25 | 45.18 |
| 5.373 | 20.52 | 60.72 | 1.41 | 7.33 | 183.47 | 1.3  | 45.18 |
| 5.389 | 20.52 | 60.72 | 1.41 | 7.34 | 181.48 | 1.35 | 45.17 |
| 5.41  | 20.52 | 60.73 | 1.41 | 7.34 | 181.1  | 1.28 | 45.18 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 5.426 | 20.52 | 60.73 | 1.45 | 7.35 | 181.52 | 1.27 | 45.18 |
| 5.439 | 20.53 | 60.74 | 1.37 | 7.35 | 181.14 | 1.29 | 45.18 |
| 5.455 | 20.53 | 60.74 | 1.45 | 7.36 | 178.35 | 1.25 | 45.18 |
| 5.478 | 20.53 | 60.74 | 1.33 | 7.37 | 174.87 | 1.25 | 45.18 |
| 5.506 | 20.53 | 60.74 | 1.37 | 7.38 | 173.94 | 1.26 | 45.18 |
| 5.531 | 20.53 | 60.74 | 1.37 | 7.38 | 174.75 | 1.23 | 45.18 |
| 5.549 | 20.53 | 60.74 | 1.33 | 7.39 | 173.82 | 1.22 | 45.18 |
| 5.564 | 20.53 | 60.74 | 1.33 | 7.4  | 170.12 | 1.22 | 45.18 |
| 5.58  | 20.53 | 60.74 | 1.3  | 7.41 | 169.49 | 1.27 | 45.18 |
| 5.597 | 20.53 | 60.74 | 1.37 | 7.41 | 170.2  | 1.3  | 45.18 |
| 5.617 | 20.53 | 60.74 | 1.3  | 7.41 | 170.55 | 1.25 | 45.18 |
| 5.643 | 20.53 | 60.75 | 1.3  | 7.42 | 166.76 | 1.33 | 45.18 |
| 5.669 | 20.53 | 60.75 | 1.22 | 7.42 | 163.13 | 1.39 | 45.19 |
| 5.687 | 20.53 | 60.75 | 1.49 | 7.43 | 164.11 | 1.37 | 45.19 |
| 5.694 | 20.53 | 60.75 | 1.26 | 7.43 | 166.14 | 1.27 | 45.18 |
| 5.697 | 20.53 | 60.75 | 1.33 | 7.43 | 166.26 | 1.27 | 45.18 |
| 5.71  | 20.53 | 60.75 | 1.41 | 7.44 | 164.23 | 1.25 | 45.18 |
| 5.732 | 20.54 | 60.75 | 1.45 | 7.44 | 161.14 | 1.42 | 45.19 |
| 5.754 | 20.54 | 60.76 | 1.33 | 7.43 | 159.24 | 1.34 | 45.19 |
| 5.769 | 20.54 | 60.76 | 1.26 | 7.43 | 159.98 | 1.36 | 45.19 |
| 5.776 | 20.54 | 60.76 | 1.45 | 7.42 | 160.84 | 1.41 | 45.19 |
| 5.782 | 20.54 | 60.76 | 1.53 | 7.42 | 159.39 | 1.37 | 45.19 |
| 5.786 | 20.54 | 60.77 | 1.33 | 7.42 | 156.61 | 1.39 | 45.19 |
| 5.789 | 20.54 | 60.76 | 1.26 | 7.42 | 155.7  | 1.37 | 45.19 |



| 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/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.51      | 60.41               | 0.0            | 6.6            | 169.76                      | 1.01              | 44.87           |
| PROF (metros)                                                                | 2.589      | 2.502               | 0.763          | 3.987          | 5.059                       | 0.903             | 0.715           |
| MÁXIMO                                                                       | 20.71      | 20.71               | 6.41           | 6.92           | 1762.8                      | 2.57              | 45.28           |
| PROF (metros)                                                                | 5.004      | 4.958               | 0.816          | 5.059          | 0.715                       | 3.355             | 4.522           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E10 - Punto 019                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.6       | 60.47               | 2.68           | 6.76           | 1337.34                     | 1.09              | 44.88           |
| 1 - 2m                                                     | 20.57      | 60.46               | 4.32           | 6.78           | 1022.45                     | 1.33              | 44.9            |
| 2 - 3m                                                     | 20.52      | 60.43               | 4.28           | 6.74           | 633.06                      | 1.89              | 44.92           |
| 3 - 4m                                                     | 20.53      | 60.49               | 4.25           | 6.66           | 372.95                      | 2.13              | 44.96           |
| 4 - 5m                                                     | 20.66      | 60.95               | 3.84           | 6.74           | 225.9                       | 1.3               | 45.22           |
| 5 - 6m                                                     | 20.71      | 61.08               | 2.37           | 6.89           | 171.79                      | 1.23              | 45.27           |

| OBSERVACIONES GENERALES                                                                   |
|-------------------------------------------------------------------------------------------|
| CLOROFILA elevada en la(s) columna(s) de agua 3 - 4m con los valores 2.13 respectivamente |

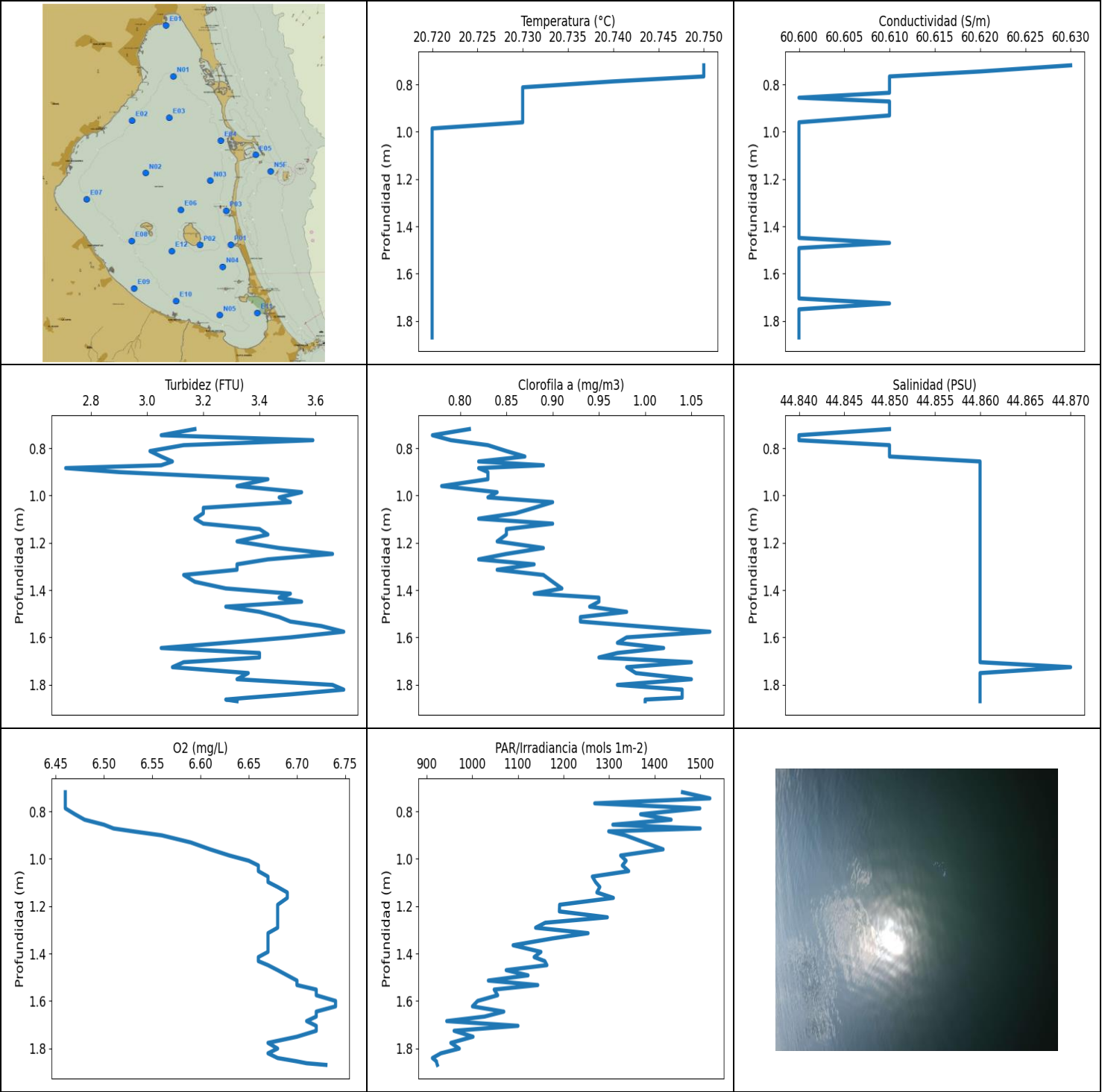
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.715                                                          | 20.62      | 60.49               | 0.19           | 6.75           | 1762.8                      | 1.21              | 44.87           |
| 0.737                                                          | 20.62      | 60.48               | 0.5            | 6.75           | 1294.2                      | 1.08              | 44.87           |
| 0.763                                                          | 20.61      | 60.48               | 0.0            | 6.76           | 1426.2                      | 1.08              | 44.87           |
| 0.789                                                          | 20.61      | 60.48               | 0.5            | 6.76           | 1149.7                      | 1.16              | 44.87           |
| 0.816                                                          | 20.61      | 60.47               | 6.41           | 6.76           | 1393.9                      | 1.08              | 44.88           |
| 0.839                                                          | 20.6       | 60.47               | 2.9            | 6.76           | 1405.9                      | 1.03              | 44.88           |
| 0.882                                                          | 20.6       | 60.47               | 0.0            | 6.76           | 1270.2                      | 1.03              | 44.88           |
| 0.903                                                          | 20.6       | 60.47               | 3.05           | 6.76           | 1420.0                      | 1.01              | 44.88           |
| 0.926                                                          | 20.59      | 60.47               | 5.46           | 6.75           | 1215.4                      | 1.05              | 44.88           |
| 0.953                                                          | 20.59      | 60.47               | 1.95           | 6.75           | 1291.5                      | 1.11              | 44.88           |
| 0.98                                                           | 20.59      | 60.47               | 3.2            | 6.76           | 1102.7                      | 1.11              | 44.88           |
| 1.03                                                           | 20.59      | 60.47               | 4.27           | 6.77           | 1187.6                      | 1.05              | 44.89           |
| 1.05                                                           | 20.59      | 60.47               | 5.38           | 6.77           | 1056.7                      | 1.09              | 44.89           |
| 1.068                                                          | 20.59      | 60.47               | 3.93           | 6.78           | 1329.8                      | 1.03              | 44.89           |
| 1.085                                                          | 20.59      | 60.47               | 4.42           | 6.78           | 1197.3                      | 1.07              | 44.89           |
| 1.105                                                          | 20.59      | 60.47               | 4.12           | 6.78           | 1173.1                      | 1.12              | 44.89           |
| 1.129                                                          | 20.59      | 60.47               | 4.73           | 6.78           | 1464.4                      | 1.05              | 44.89           |
| 1.185                                                          | 20.59      | 60.47               | 3.7            | 6.79           | 1015.8                      | 1.15              | 44.89           |
| 1.207                                                          | 20.59      | 60.47               | 4.58           | 6.79           | 1050.6                      | 1.18              | 44.89           |
| 1.22                                                           | 20.59      | 60.47               | 5.53           | 6.79           | 1008.3                      | 1.21              | 44.89           |
| 1.232                                                          | 20.59      | 60.47               | 4.2            | 6.79           | 1223.4                      | 1.17              | 44.89           |
| 1.251                                                          | 20.59      | 60.47               | 4.39           | 6.8            | 932.36                      | 1.12              | 44.89           |
| 1.279                                                          | 20.59      | 60.47               | 4.12           | 6.8            | 1353.5                      | 1.16              | 44.89           |
| 1.314                                                          | 20.58      | 60.47               | 3.59           | 6.8            | 1010.4                      | 1.17              | 44.9            |
| 1.344                                                          | 20.58      | 60.47               | 4.35           | 6.79           | 1011.1                      | 1.31              | 44.9            |
| 1.362                                                          | 20.58      | 60.47               | 4.62           | 6.78           | 990.5                       | 1.31              | 44.9            |
| 1.371                                                          | 20.58      | 60.47               | 4.35           | 6.77           | 1251.2                      | 1.25              | 44.9            |
| 1.38                                                           | 20.58      | 60.47               | 3.4            | 6.76           | 1682.9                      | 1.23              | 44.9            |
| 1.405                                                          | 20.58      | 60.47               | 4.27           | 6.76           | 1042.1                      | 1.24              | 44.9            |
| 1.442                                                          | 20.58      | 60.47               | 4.54           | 6.77           | 1137.5                      | 1.39              | 44.9            |
| 1.479                                                          | 20.58      | 60.46               | 4.2            | 6.78           | 1066.0                      | 1.31              | 44.9            |
| 1.502                                                          | 20.57      | 60.46               | 4.23           | 6.79           | 891.16                      | 1.37              | 44.9            |
| 1.512                                                          | 20.57      | 60.46               | 4.31           | 6.79           | 1108.9                      | 1.31              | 44.9            |
| 1.519                                                          | 20.57      | 60.47               | 4.92           | 6.79           | 919.27                      | 1.3               | 44.9            |
| 1.533                                                          | 20.57      | 60.47               | 4.12           | 6.78           | 927.62                      | 1.3               | 44.9            |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.559 | 20.57 | 60.46 | 4.2  | 6.78 | 1077.9 | 1.39 | 44.9  |
| 1.594 | 20.57 | 60.46 | 4.2  | 6.78 | 904.68 | 1.38 | 44.9  |
| 1.628 | 20.57 | 60.45 | 4.08 | 6.77 | 1288.3 | 1.43 | 44.9  |
| 1.653 | 20.57 | 60.46 | 4.0  | 6.78 | 1013.7 | 1.34 | 44.9  |
| 1.669 | 20.56 | 60.46 | 4.12 | 6.78 | 946.29 | 1.61 | 44.91 |
| 1.679 | 20.56 | 60.46 | 4.2  | 6.78 | 861.71 | 1.71 | 44.91 |
| 1.693 | 20.56 | 60.46 | 4.54 | 6.78 | 1029.8 | 1.29 | 44.9  |
| 1.718 | 20.56 | 60.45 | 4.65 | 6.78 | 843.33 | 1.37 | 44.9  |
| 1.75  | 20.56 | 60.45 | 4.2  | 6.77 | 843.72 | 1.46 | 44.9  |
| 1.78  | 20.56 | 60.45 | 4.16 | 6.77 | 855.54 | 1.41 | 44.9  |
| 1.801 | 20.56 | 60.45 | 4.12 | 6.76 | 846.86 | 1.43 | 44.91 |
| 1.817 | 20.56 | 60.45 | 4.5  | 6.76 | 856.73 | 1.45 | 44.91 |
| 1.834 | 20.56 | 60.45 | 4.35 | 6.76 | 910.79 | 1.43 | 44.91 |
| 1.853 | 20.56 | 60.45 | 4.46 | 6.77 | 935.61 | 1.51 | 44.91 |
| 1.877 | 20.56 | 60.45 | 4.39 | 6.77 | 892.6  | 1.52 | 44.91 |
| 1.902 | 20.55 | 60.45 | 4.62 | 6.78 | 828.61 | 1.54 | 44.91 |
| 1.928 | 20.55 | 60.45 | 4.35 | 6.78 | 841.38 | 1.6  | 44.91 |
| 1.953 | 20.55 | 60.45 | 4.23 | 6.78 | 780.15 | 1.56 | 44.91 |
| 1.973 | 20.55 | 60.44 | 4.31 | 6.77 | 794.75 | 1.5  | 44.91 |
| 1.982 | 20.54 | 60.44 | 4.2  | 6.77 | 793.09 | 1.49 | 44.92 |
| 1.983 | 20.54 | 60.44 | 4.16 | 6.77 | 833.23 | 1.53 | 44.92 |
| 2.0   | 20.54 | 60.45 | 4.69 | 6.76 | 764.75 | 1.66 | 44.92 |
| 2.029 | 20.54 | 60.44 | 4.35 | 6.76 | 793.64 | 1.61 | 44.91 |
| 2.056 | 20.54 | 60.43 | 4.23 | 6.76 | 747.06 | 1.69 | 44.91 |
| 2.081 | 20.53 | 60.43 | 4.16 | 6.76 | 754.54 | 1.72 | 44.92 |
| 2.098 | 20.53 | 60.43 | 4.12 | 6.76 | 820.2  | 1.63 | 44.92 |
| 2.11  | 20.53 | 60.43 | 4.27 | 6.76 | 714.04 | 1.72 | 44.92 |
| 2.128 | 20.53 | 60.43 | 4.08 | 6.76 | 774.56 | 1.56 | 44.92 |
| 2.159 | 20.53 | 60.42 | 4.65 | 6.76 | 749.48 | 1.55 | 44.91 |
| 2.192 | 20.53 | 60.42 | 4.35 | 6.76 | 698.65 | 1.6  | 44.91 |
| 2.219 | 20.52 | 60.42 | 4.31 | 6.77 | 720.03 | 1.74 | 44.92 |
| 2.236 | 20.52 | 60.42 | 4.42 | 6.77 | 783.95 | 1.79 | 44.92 |
| 2.25  | 20.52 | 60.42 | 4.31 | 6.77 | 683.6  | 1.92 | 44.92 |
| 2.267 | 20.52 | 60.42 | 5.0  | 6.77 | 752.97 | 1.72 | 44.92 |
| 2.291 | 20.52 | 60.42 | 4.42 | 6.77 | 687.57 | 1.75 | 44.92 |
| 2.322 | 20.52 | 60.42 | 4.23 | 6.77 | 672.6  | 1.99 | 44.92 |
| 2.356 | 20.52 | 60.42 | 4.0  | 6.78 | 659.78 | 1.84 | 44.92 |
| 2.387 | 20.52 | 60.42 | 4.27 | 6.77 | 673.22 | 1.79 | 44.92 |
| 2.408 | 20.52 | 60.42 | 4.0  | 6.77 | 650.37 | 1.85 | 44.92 |
| 2.425 | 20.52 | 60.42 | 3.93 | 6.77 | 669.8  | 1.8  | 44.92 |
| 2.443 | 20.52 | 60.42 | 4.16 | 6.76 | 632.38 | 1.74 | 44.92 |
| 2.469 | 20.52 | 60.42 | 4.46 | 6.76 | 688.37 | 1.79 | 44.92 |
| 2.502 | 20.52 | 60.41 | 4.35 | 6.76 | 608.37 | 1.88 | 44.92 |
| 2.532 | 20.52 | 60.41 | 4.2  | 6.76 | 648.71 | 1.97 | 44.92 |
| 2.553 | 20.52 | 60.41 | 4.27 | 6.75 | 600.94 | 2.11 | 44.92 |
| 2.568 | 20.52 | 60.41 | 4.35 | 6.75 | 585.41 | 1.87 | 44.92 |
| 2.589 | 20.51 | 60.41 | 4.27 | 6.74 | 595.26 | 2.01 | 44.92 |
| 2.614 | 20.51 | 60.42 | 4.31 | 6.74 | 578.66 | 1.82 | 44.92 |
| 2.642 | 20.51 | 60.42 | 4.23 | 6.73 | 601.78 | 1.98 | 44.92 |
| 2.67  | 20.52 | 60.42 | 4.16 | 6.74 | 588.68 | 1.96 | 44.93 |
| 2.696 | 20.52 | 60.42 | 4.2  | 6.73 | 565.28 | 1.83 | 44.93 |
| 2.718 | 20.52 | 60.42 | 4.12 | 6.73 | 552.2  | 1.87 | 44.92 |
| 2.741 | 20.52 | 60.43 | 4.2  | 6.73 | 545.83 | 2.01 | 44.93 |
| 2.767 | 20.52 | 60.43 | 4.23 | 6.73 | 541.3  | 2.08 | 44.93 |
| 2.79  | 20.52 | 60.43 | 4.23 | 6.73 | 547.61 | 2.18 | 44.93 |
| 2.813 | 20.52 | 60.43 | 4.2  | 6.73 | 531.23 | 2.37 | 44.93 |
| 2.836 | 20.52 | 60.43 | 4.35 | 6.72 | 524.02 | 2.19 | 44.93 |
| 2.862 | 20.52 | 60.43 | 4.39 | 6.72 | 520.39 | 2.11 | 44.93 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.889 | 20.52 | 60.43 | 4.42 | 6.7  | 511.06 | 2.07 | 44.93 |
| 2.913 | 20.52 | 60.44 | 4.16 | 6.7  | 503.07 | 2.02 | 44.93 |
| 2.934 | 20.52 | 60.44 | 4.12 | 6.7  | 509.88 | 2.02 | 44.93 |
| 2.951 | 20.52 | 60.44 | 4.2  | 6.69 | 488.93 | 2.05 | 44.93 |
| 2.967 | 20.53 | 60.44 | 4.2  | 6.69 | 498.43 | 2.26 | 44.93 |
| 2.991 | 20.53 | 60.44 | 4.35 | 6.69 | 482.96 | 2.21 | 44.93 |
| 3.021 | 20.53 | 60.44 | 4.12 | 6.7  | 481.84 | 2.24 | 44.93 |
| 3.052 | 20.53 | 60.44 | 3.93 | 6.69 | 470.48 | 2.18 | 44.93 |
| 3.075 | 20.53 | 60.44 | 4.04 | 6.69 | 460.02 | 2.29 | 44.93 |
| 3.093 | 20.53 | 60.44 | 4.12 | 6.69 | 462.58 | 2.11 | 44.93 |
| 3.11  | 20.53 | 60.44 | 4.16 | 6.68 | 463.44 | 2.13 | 44.93 |
| 3.133 | 20.53 | 60.45 | 4.92 | 6.68 | 445.74 | 2.19 | 44.93 |
| 3.165 | 20.53 | 60.45 | 5.19 | 6.67 | 441.94 | 2.34 | 44.94 |
| 3.198 | 20.53 | 60.46 | 4.23 | 6.67 | 432.41 | 2.46 | 44.94 |
| 3.224 | 20.53 | 60.46 | 4.27 | 6.66 | 435.33 | 2.3  | 44.94 |
| 3.242 | 20.53 | 60.46 | 4.39 | 6.67 | 424.57 | 2.25 | 44.94 |
| 3.259 | 20.53 | 60.46 | 4.5  | 6.68 | 421.04 | 2.17 | 44.94 |
| 3.286 | 20.53 | 60.46 | 4.39 | 6.68 | 418.22 | 2.33 | 44.94 |
| 3.321 | 20.53 | 60.47 | 4.23 | 6.68 | 404.12 | 2.44 | 44.95 |
| 3.355 | 20.53 | 60.47 | 4.0  | 6.68 | 401.22 | 2.57 | 44.95 |
| 3.381 | 20.53 | 60.47 | 4.23 | 6.68 | 397.89 | 2.5  | 44.95 |
| 3.395 | 20.53 | 60.47 | 4.2  | 6.68 | 396.32 | 2.23 | 44.95 |
| 3.403 | 20.53 | 60.47 | 4.39 | 6.68 | 393.31 | 2.22 | 44.95 |
| 3.411 | 20.53 | 60.47 | 4.35 | 6.68 | 391.58 | 2.13 | 44.95 |
| 3.429 | 20.53 | 60.47 | 4.42 | 6.68 | 386.35 | 2.01 | 44.95 |
| 3.459 | 20.53 | 60.47 | 4.65 | 6.68 | 374.97 | 2.19 | 44.95 |
| 3.492 | 20.53 | 60.48 | 4.81 | 6.68 | 373.58 | 2.27 | 44.95 |
| 3.515 | 20.53 | 60.48 | 4.31 | 6.68 | 370.39 | 2.03 | 44.96 |
| 3.525 | 20.53 | 60.48 | 4.0  | 6.68 | 369.1  | 2.14 | 44.96 |
| 3.532 | 20.53 | 60.48 | 4.23 | 6.68 | 363.59 | 2.07 | 44.96 |
| 3.551 | 20.53 | 60.48 | 4.08 | 6.68 | 360.56 | 2.14 | 44.96 |
| 3.582 | 20.53 | 60.48 | 4.2  | 6.67 | 357.15 | 2.14 | 44.96 |
| 3.609 | 20.53 | 60.49 | 4.12 | 6.66 | 349.7  | 2.29 | 44.96 |
| 3.629 | 20.54 | 60.49 | 3.85 | 6.66 | 348.24 | 2.17 | 44.96 |
| 3.654 | 20.54 | 60.49 | 4.5  | 6.66 | 338.14 | 2.14 | 44.96 |
| 3.69  | 20.54 | 60.49 | 4.16 | 6.66 | 334.56 | 2.16 | 44.96 |
| 3.729 | 20.54 | 60.5  | 3.93 | 6.66 | 329.94 | 2.06 | 44.97 |
| 3.756 | 20.54 | 60.5  | 3.93 | 6.66 | 326.82 | 2.08 | 44.97 |
| 3.769 | 20.54 | 60.5  | 4.39 | 6.65 | 325.68 | 1.96 | 44.97 |
| 3.778 | 20.54 | 60.5  | 4.35 | 6.65 | 322.9  | 1.85 | 44.97 |
| 3.796 | 20.54 | 60.5  | 4.5  | 6.64 | 319.55 | 1.85 | 44.97 |
| 3.821 | 20.54 | 60.51 | 4.39 | 6.63 | 312.37 | 2.01 | 44.98 |
| 3.853 | 20.54 | 60.53 | 4.16 | 6.63 | 308.85 | 1.91 | 44.99 |
| 3.88  | 20.54 | 60.53 | 4.23 | 6.62 | 306.35 | 1.98 | 44.99 |
| 3.898 | 20.55 | 60.54 | 4.27 | 6.62 | 303.74 | 1.92 | 44.99 |
| 3.908 | 20.55 | 60.55 | 3.93 | 6.62 | 304.58 | 1.85 | 45.0  |
| 3.914 | 20.55 | 60.55 | 3.93 | 6.62 | 301.14 | 1.75 | 45.0  |
| 3.928 | 20.55 | 60.55 | 3.89 | 6.61 | 297.4  | 1.79 | 45.0  |
| 3.954 | 20.55 | 60.55 | 3.93 | 6.61 | 292.34 | 1.87 | 45.0  |
| 3.987 | 20.55 | 60.57 | 4.27 | 6.6  | 289.78 | 1.83 | 45.01 |
| 4.013 | 20.55 | 60.58 | 4.35 | 6.6  | 286.1  | 1.81 | 45.02 |
| 4.032 | 20.56 | 60.59 | 4.58 | 6.6  | 284.39 | 1.66 | 45.03 |
| 4.046 | 20.56 | 60.59 | 4.42 | 6.6  | 280.78 | 1.69 | 45.03 |
| 4.061 | 20.56 | 60.61 | 4.42 | 6.61 | 278.77 | 1.69 | 45.04 |
| 4.084 | 20.56 | 60.61 | 4.2  | 6.61 | 274.35 | 1.65 | 45.04 |
| 4.112 | 20.57 | 60.67 | 4.0  | 6.61 | 270.81 | 1.55 | 45.08 |
| 4.14  | 20.57 | 60.69 | 4.08 | 6.61 | 267.38 | 1.52 | 45.09 |
| 4.162 | 20.58 | 60.7  | 3.85 | 6.62 | 264.3  | 1.47 | 45.09 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.178 | 20.59 | 60.74 | 4.04 | 6.61 | 263.38 | 1.5  | 45.12 |
| 4.196 | 20.59 | 60.74 | 3.66 | 6.61 | 261.62 | 1.53 | 45.11 |
| 4.215 | 20.6  | 60.78 | 3.66 | 6.61 | 257.65 | 1.45 | 45.14 |
| 4.238 | 20.61 | 60.83 | 3.81 | 6.61 | 254.38 | 1.43 | 45.18 |
| 4.263 | 20.62 | 60.93 | 3.93 | 6.61 | 251.22 | 1.42 | 45.24 |
| 4.288 | 20.64 | 60.94 | 3.97 | 6.61 | 248.73 | 1.36 | 45.24 |
| 4.31  | 20.65 | 60.94 | 4.16 | 6.63 | 246.49 | 1.3  | 45.22 |
| 4.328 | 20.66 | 60.94 | 3.78 | 6.64 | 244.27 | 1.33 | 45.22 |
| 4.346 | 20.66 | 60.97 | 4.0  | 6.66 | 241.91 | 1.29 | 45.24 |
| 4.364 | 20.66 | 61.01 | 4.12 | 6.67 | 239.51 | 1.23 | 45.26 |
| 4.385 | 20.67 | 61.02 | 4.0  | 6.69 | 236.04 | 1.19 | 45.27 |
| 4.409 | 20.68 | 61.03 | 4.2  | 6.71 | 233.48 | 1.21 | 45.27 |
| 4.432 | 20.68 | 61.04 | 4.2  | 6.72 | 232.08 | 1.17 | 45.27 |
| 4.453 | 20.69 | 61.05 | 3.81 | 6.74 | 229.51 | 1.14 | 45.27 |
| 4.472 | 20.69 | 61.05 | 3.89 | 6.74 | 226.81 | 1.18 | 45.27 |
| 4.496 | 20.69 | 61.06 | 3.66 | 6.75 | 223.58 | 1.14 | 45.27 |
| 4.522 | 20.69 | 61.06 | 3.7  | 6.77 | 220.49 | 1.14 | 45.28 |
| 4.544 | 20.7  | 61.06 | 4.04 | 6.78 | 218.6  | 1.17 | 45.27 |
| 4.56  | 20.7  | 61.06 | 3.93 | 6.79 | 217.8  | 1.24 | 45.27 |
| 4.572 | 20.7  | 61.06 | 3.78 | 6.8  | 216.69 | 1.25 | 45.27 |
| 4.588 | 20.7  | 61.06 | 3.74 | 6.82 | 214.29 | 1.17 | 45.27 |
| 4.611 | 20.7  | 61.06 | 3.59 | 6.84 | 210.74 | 1.21 | 45.27 |
| 4.636 | 20.7  | 61.06 | 3.62 | 6.85 | 207.93 | 1.2  | 45.27 |
| 4.661 | 20.7  | 61.07 | 3.66 | 6.86 | 205.63 | 1.14 | 45.27 |
| 4.683 | 20.7  | 61.07 | 3.85 | 6.86 | 204.2  | 1.14 | 45.27 |
| 4.703 | 20.7  | 61.07 | 3.89 | 6.86 | 201.48 | 1.18 | 45.27 |
| 4.722 | 20.7  | 61.07 | 3.81 | 6.86 | 199.67 | 1.17 | 45.27 |
| 4.741 | 20.7  | 61.07 | 3.74 | 6.85 | 198.14 | 1.11 | 45.27 |
| 4.759 | 20.7  | 61.07 | 3.78 | 6.85 | 195.63 | 1.18 | 45.27 |
| 4.779 | 20.7  | 61.07 | 3.81 | 6.84 | 193.07 | 1.26 | 45.27 |
| 4.805 | 20.7  | 61.07 | 3.97 | 6.84 | 191.2  | 1.21 | 45.27 |
| 4.829 | 20.7  | 61.07 | 3.78 | 6.84 | 189.87 | 1.21 | 45.28 |
| 4.845 | 20.7  | 61.07 | 3.17 | 6.84 | 188.99 | 1.18 | 45.28 |
| 4.856 | 20.7  | 61.07 | 3.32 | 6.84 | 187.81 | 1.3  | 45.28 |
| 4.872 | 20.7  | 61.07 | 3.51 | 6.84 | 185.87 | 1.2  | 45.28 |
| 4.898 | 20.7  | 61.07 | 3.47 | 6.84 | 182.37 | 1.17 | 45.28 |
| 4.93  | 20.7  | 61.07 | 3.51 | 6.84 | 180.31 | 1.18 | 45.28 |
| 4.958 | 20.7  | 61.08 | 3.47 | 6.85 | 179.31 | 1.17 | 45.28 |
| 4.976 | 20.7  | 61.08 | 3.47 | 6.85 | 178.48 | 1.12 | 45.28 |
| 4.989 | 20.7  | 61.07 | 2.94 | 6.86 | 177.16 | 1.18 | 45.28 |
| 5.004 | 20.7  | 61.08 | 2.67 | 6.87 | 175.12 | 1.14 | 45.28 |
| 5.022 | 20.71 | 61.07 | 2.63 | 6.87 | 173.18 | 1.18 | 45.27 |
| 5.039 | 20.71 | 61.08 | 2.4  | 6.88 | 171.58 | 1.25 | 45.27 |
| 5.048 | 20.71 | 61.08 | 2.82 | 6.89 | 171.38 | 1.24 | 45.28 |
| 5.055 | 20.71 | 61.08 | 2.14 | 6.9  | 171.18 | 1.3  | 45.28 |
| 5.058 | 20.71 | 61.07 | 1.95 | 6.91 | 170.35 | 1.28 | 45.27 |
| 5.059 | 20.71 | 61.07 | 1.98 | 6.92 | 169.76 | 1.24 | 45.27 |



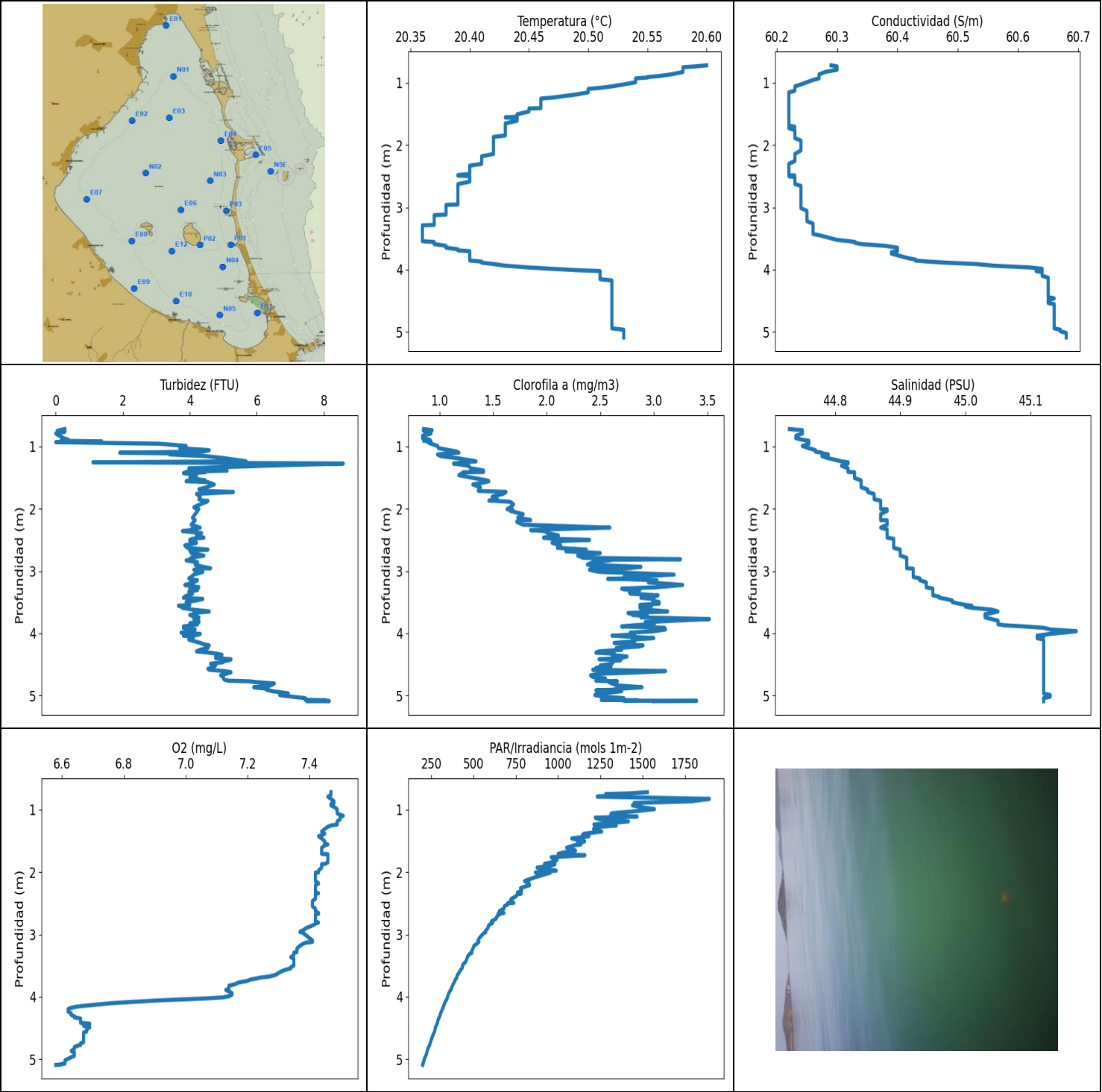
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.72      | 60.6                | 2.71           | 6.46           | 912.69                      | 0.77              | 44.84           |
| PROF (metros)                                                                | 1.008      | 0.856               | 0.884          | 0.719          | 1.841                       | 0.745             | 0.745           |
| MÁXIMO                                                                       | 20.75      | 20.75               | 3.7            | 6.74           | 1520.8                      | 1.07              | 44.87           |
| PROF (metros)                                                                | 0.719      | 0.719               | 1.576          | 1.6            | 0.745                       | 1.576             | 1.726           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E09 - Punto 020                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.73      | 60.61               | 3.16           | 6.52           | 1393.6                      | 0.83              | 44.85           |
| 1 - 2m                                                     | 20.72      | 60.6                | 3.38           | 6.69           | 1113.17                     | 0.94              | 44.86           |

| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.719                                                          | 20.75      | 60.63               | 3.17           | 6.46           | 1460.7                      | 0.81              | 44.85           |
| 0.745                                                          | 20.75      | 60.62               | 3.05           | 6.46           | 1520.8                      | 0.77              | 44.84           |
| 0.766                                                          | 20.75      | 60.61               | 3.59           | 6.46           | 1268.4                      | 0.79              | 44.84           |
| 0.787                                                          | 20.74      | 60.61               | 3.13           | 6.46           | 1498.8                      | 0.83              | 44.85           |
| 0.812                                                          | 20.73      | 60.61               | 3.01           | 6.47           | 1368.9                      | 0.85              | 44.85           |
| 0.835                                                          | 20.73      | 60.61               | 3.05           | 6.48           | 1435.9                      | 0.87              | 44.85           |
| 0.856                                                          | 20.73      | 60.6                | 3.09           | 6.5            | 1308.1                      | 0.82              | 44.86           |
| 0.872                                                          | 20.73      | 60.61               | 3.05           | 6.51           | 1499.5                      | 0.89              | 44.86           |
| 0.884                                                          | 20.73      | 60.61               | 2.71           | 6.53           | 1299.0                      | 0.82              | 44.86           |
| 0.901                                                          | 20.73      | 60.61               | 2.9            | 6.56           | 1335.7                      | 0.83              | 44.86           |
| 0.931                                                          | 20.73      | 60.61               | 3.43           | 6.59           | 1377.5                      | 0.83              | 44.86           |
| 0.96                                                           | 20.73      | 60.6                | 3.32           | 6.61           | 1418.3                      | 0.78              | 44.86           |
| 0.986                                                          | 20.72      | 60.6                | 3.55           | 6.63           | 1325.2                      | 0.84              | 44.86           |
| 1.008                                                          | 20.72      | 60.6                | 3.47           | 6.65           | 1337.2                      | 0.83              | 44.86           |
| 1.028                                                          | 20.72      | 60.6                | 3.51           | 6.66           | 1328.9                      | 0.9               | 44.86           |
| 1.052                                                          | 20.72      | 60.6                | 3.2            | 6.66           | 1342.8                      | 0.88              | 44.86           |
| 1.075                                                          | 20.72      | 60.6                | 3.2            | 6.67           | 1263.1                      | 0.86              | 44.86           |
| 1.098                                                          | 20.72      | 60.6                | 3.17           | 6.67           | 1270.2                      | 0.82              | 44.86           |
| 1.119                                                          | 20.72      | 60.6                | 3.2            | 6.68           | 1279.6                      | 0.9               | 44.86           |
| 1.142                                                          | 20.72      | 60.6                | 3.4            | 6.69           | 1273.1                      | 0.85              | 44.86           |
| 1.165                                                          | 20.72      | 60.6                | 3.43           | 6.69           | 1309.3                      | 0.85              | 44.86           |
| 1.194                                                          | 20.72      | 60.6                | 3.32           | 6.68           | 1191.5                      | 0.84              | 44.86           |
| 1.222                                                          | 20.72      | 60.6                | 3.47           | 6.68           | 1190.9                      | 0.89              | 44.86           |
| 1.247                                                          | 20.72      | 60.6                | 3.66           | 6.68           | 1296.0                      | 0.85              | 44.86           |
| 1.27                                                           | 20.72      | 60.6                | 3.43           | 6.68           | 1159.9                      | 0.82              | 44.86           |
| 1.291                                                          | 20.72      | 60.6                | 3.32           | 6.68           | 1138.8                      | 0.88              | 44.86           |
| 1.314                                                          | 20.72      | 60.6                | 3.32           | 6.67           | 1253.8                      | 0.84              | 44.86           |
| 1.336                                                          | 20.72      | 60.6                | 3.13           | 6.67           | 1176.6                      | 0.89              | 44.86           |
| 1.365                                                          | 20.72      | 60.6                | 3.17           | 6.67           | 1089.5                      | 0.9               | 44.86           |
| 1.393                                                          | 20.72      | 60.6                | 3.28           | 6.67           | 1150.5                      | 0.91              | 44.86           |
| 1.415                                                          | 20.72      | 60.6                | 3.51           | 6.66           | 1135.6                      | 0.88              | 44.86           |
| 1.432                                                          | 20.72      | 60.6                | 3.47           | 6.66           | 1159.0                      | 0.95              | 44.86           |
| 1.449                                                          | 20.72      | 60.6                | 3.55           | 6.67           | 1163.6                      | 0.95              | 44.86           |
| 1.47                                                           | 20.72      | 60.61               | 3.28           | 6.68           | 1074.4                      | 0.94              | 44.86           |
| 1.492                                                          | 20.72      | 60.6                | 3.4            | 6.69           | 1122.3                      | 0.98              | 44.86           |
| 1.514                                                          | 20.72      | 60.6                | 3.47           | 6.7            | 1035.3                      | 0.93              | 44.86           |
| 1.533                                                          | 20.72      | 60.6                | 3.51           | 6.7            | 1143.6                      | 0.93              | 44.86           |
| 1.552                                                          | 20.72      | 60.6                | 3.62           | 6.72           | 1048.1                      | 0.99              | 44.86           |
| 1.576                                                          | 20.72      | 60.6                | 3.7            | 6.72           | 1055.7                      | 1.07              | 44.86           |
| 1.6                                                            | 20.72      | 60.6                | 3.51           | 6.74           | 1011.8                      | 0.98              | 44.86           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.623 | 20.72 | 60.6  | 3.28 | 6.74 | 1000.4 | 0.97 | 44.86 |
| 1.645 | 20.72 | 60.6  | 3.05 | 6.72 | 1069.2 | 1.02 | 44.86 |
| 1.666 | 20.72 | 60.6  | 3.4  | 6.72 | 1027.0 | 0.97 | 44.86 |
| 1.685 | 20.72 | 60.6  | 3.4  | 6.71 | 944.1  | 0.95 | 44.86 |
| 1.705 | 20.72 | 60.6  | 3.13 | 6.72 | 1100.2 | 1.05 | 44.86 |
| 1.726 | 20.72 | 60.61 | 3.09 | 6.72 | 960.21 | 0.98 | 44.87 |
| 1.751 | 20.72 | 60.6  | 3.36 | 6.7  | 1001.8 | 0.99 | 44.86 |
| 1.777 | 20.72 | 60.6  | 3.32 | 6.67 | 953.12 | 1.05 | 44.86 |
| 1.801 | 20.72 | 60.6  | 3.66 | 6.68 | 971.63 | 0.97 | 44.86 |
| 1.821 | 20.72 | 60.6  | 3.7  | 6.67 | 931.28 | 1.04 | 44.86 |
| 1.841 | 20.72 | 60.6  | 3.51 | 6.68 | 912.69 | 1.04 | 44.86 |
| 1.855 | 20.72 | 60.6  | 3.36 | 6.7  | 921.62 | 1.04 | 44.86 |
| 1.863 | 20.72 | 60.6  | 3.28 | 6.71 | 922.26 | 1.0  | 44.86 |
| 1.87  | 20.72 | 60.6  | 3.32 | 6.73 | 923.54 | 1.0  | 44.86 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 20.36      | 60.22               | 0.0            | 6.58           | 198.33                      | 0.84              | 44.73           |
| PROF (metros)                                                                | 3.289      | 1.154               | 0.791          | 5.089          | 5.088                       | 0.827             | 0.72            |
| MÁXIMO                                                                       | 20.6       | 20.6                | 8.58           | 7.51           | 1895.4                      | 3.52              | 45.17           |
| PROF (metros)                                                                | 0.72       | 5.017               | 1.273          | 1.099          | 0.827                       | 3.77              | 3.965           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E08 - Punto 021                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 20.57      | 60.28               | 0.9            | 7.47           | 1523.96                     | 0.89              | 44.75           |
| 1 - 2m                                                     | 20.45      | 60.22               | 4.37           | 7.46           | 1145.67                     | 1.34              | 44.83           |
| 2 - 3m                                                     | 20.4       | 60.23               | 4.15           | 7.41           | 711.23                      | 2.17              | 44.89           |
| 3 - 4m                                                     | 20.38      | 60.34               | 4.06           | 7.29           | 438.8                       | 2.92              | 45.0            |
| 4 - 5m                                                     | 20.52      | 60.65               | 5.07           | 6.69           | 274.93                      | 2.64              | 45.12           |
| 5 - 6m                                                     | 20.53      | 60.68               | 7.67           | 6.6            | 201.3                       | 2.83              | 45.12           |

| OBSERVACIONES GENERALES                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------|
| CLOROFILA elevada en la(s) columna(s) de agua 2 - 3m, 3 - 4m, 4 - 5m, 5 - 6m con los valores 2.17, 2.92, 2.64, 2.83 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) |
| 0.72                                                           | 20.6       | 60.29               | 0.27           | 7.47           | 1528.2                      | 0.85              | 44.73           |
| 0.738                                                          | 20.59      | 60.3                | 0.11           | 7.47           | 1423.9                      | 0.93              | 44.75           |
| 0.75                                                           | 20.58      | 60.3                | 0.04           | 7.47           | 1281.1                      | 0.85              | 44.75           |
| 0.764                                                          | 20.58      | 60.3                | 0.27           | 7.47           | 1391.9                      | 0.88              | 44.75           |
| 0.791                                                          | 20.58      | 60.3                | 0.0            | 7.46           | 1231.6                      | 0.92              | 44.75           |
| 0.827                                                          | 20.58      | 60.28               | 0.11           | 7.47           | 1895.4                      | 0.84              | 44.74           |
| 0.865                                                          | 20.57      | 60.27               | 0.23           | 7.48           | 1788.7                      | 0.84              | 44.74           |
| 0.892                                                          | 20.56      | 60.27               | 0.38           | 7.48           | 1449.6                      | 0.91              | 44.75           |
| 0.908                                                          | 20.55      | 60.27               | 0.15           | 7.47           | 1489.1                      | 0.85              | 44.76           |
| 0.916                                                          | 20.55      | 60.27               | 1.37           | 7.47           | 1464.4                      | 0.92              | 44.76           |
| 0.93                                                           | 20.54      | 60.27               | 0.0            | 7.47           | 1439.9                      | 0.89              | 44.76           |
| 0.955                                                          | 20.54      | 60.26               | 3.09           | 7.48           | 1481.1                      | 0.92              | 44.76           |
| 0.991                                                          | 20.54      | 60.25               | 3.89           | 7.49           | 1570.2                      | 0.98              | 44.75           |
| 1.027                                                          | 20.53      | 60.24               | 3.7            | 7.49           | 1448.9                      | 0.99              | 44.76           |
| 1.058                                                          | 20.52      | 60.23               | 4.58           | 7.49           | 1316.3                      | 1.09              | 44.77           |
| 1.082                                                          | 20.51      | 60.23               | 4.39           | 7.5            | 1311.1                      | 1.16              | 44.77           |
| 1.099                                                          | 20.5       | 60.23               | 1.91           | 7.51           | 1341.0                      | 1.18              | 44.78           |
| 1.111                                                          | 20.5       | 60.23               | 3.55           | 7.5            | 1467.5                      | 1.08              | 44.78           |
| 1.127                                                          | 20.5       | 60.23               | 3.4            | 7.5            | 1220.0                      | 0.98              | 44.79           |
| 1.154                                                          | 20.5       | 60.22               | 4.46           | 7.5            | 1245.4                      | 1.01              | 44.78           |
| 1.188                                                          | 20.49      | 60.22               | 5.04           | 7.49           | 1416.0                      | 1.17              | 44.79           |
| 1.238                                                          | 20.47      | 60.22               | 5.68           | 7.49           | 1212.4                      | 1.34              | 44.81           |
| 1.253                                                          | 20.46      | 60.22               | 1.11           | 7.47           | 1343.8                      | 1.24              | 44.82           |
| 1.273                                                          | 20.46      | 60.22               | 8.58           | 7.46           | 1251.5                      | 1.13              | 44.82           |
| 1.309                                                          | 20.46      | 60.22               | 6.18           | 7.45           | 1210.1                      | 1.27              | 44.81           |
| 1.35                                                           | 20.46      | 60.22               | 3.97           | 7.44           | 1258.2                      | 1.29              | 44.82           |
| 1.385                                                          | 20.46      | 60.22               | 5.11           | 7.45           | 1152.6                      | 1.41              | 44.82           |
| 1.408                                                          | 20.46      | 60.22               | 3.89           | 7.44           | 1144.1                      | 1.41              | 44.82           |
| 1.413                                                          | 20.45      | 60.22               | 4.46           | 7.44           | 1180.5                      | 1.22              | 44.83           |
| 1.426                                                          | 20.45      | 60.22               | 3.81           | 7.43           | 1182.7                      | 1.21              | 44.83           |
| 1.461                                                          | 20.45      | 60.22               | 4.2            | 7.44           | 1080.9                      | 1.18              | 44.83           |
| 1.506                                                          | 20.44      | 60.22               | 4.0            | 7.45           | 1157.2                      | 1.32              | 44.83           |
| 1.544                                                          | 20.44      | 60.22               | 4.46           | 7.45           | 1112.7                      | 1.44              | 44.84           |
| 1.557                                                          | 20.43      | 60.22               | 3.89           | 7.46           | 1134.6                      | 1.46              | 44.84           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.572 | 20.44 | 60.22 | 4.54 | 7.45 | 1093.5 | 1.43 | 44.84 |
| 1.61  | 20.44 | 60.22 | 4.73 | 7.44 | 1051.1 | 1.31 | 44.84 |
| 1.654 | 20.43 | 60.22 | 4.5  | 7.44 | 1103.5 | 1.38 | 44.84 |
| 1.688 | 20.43 | 60.22 | 4.27 | 7.44 | 1028.6 | 1.37 | 44.85 |
| 1.707 | 20.43 | 60.23 | 4.42 | 7.44 | 1001.1 | 1.36 | 44.85 |
| 1.711 | 20.43 | 60.22 | 4.46 | 7.45 | 1076.7 | 1.38 | 44.85 |
| 1.713 | 20.43 | 60.22 | 4.42 | 7.46 | 1046.2 | 1.37 | 44.85 |
| 1.729 | 20.43 | 60.22 | 5.3  | 7.46 | 1158.5 | 1.62 | 44.85 |
| 1.761 | 20.43 | 60.23 | 4.2  | 7.46 | 959.77 | 1.59 | 44.86 |
| 1.806 | 20.43 | 60.23 | 4.31 | 7.46 | 993.95 | 1.49 | 44.86 |
| 1.846 | 20.43 | 60.23 | 4.27 | 7.46 | 956.44 | 1.54 | 44.86 |
| 1.869 | 20.42 | 60.23 | 4.39 | 7.45 | 919.7  | 1.46 | 44.87 |
| 1.872 | 20.42 | 60.23 | 4.54 | 7.44 | 981.82 | 1.52 | 44.87 |
| 1.888 | 20.42 | 60.23 | 4.5  | 7.44 | 966.69 | 1.66 | 44.87 |
| 1.928 | 20.42 | 60.24 | 4.31 | 7.44 | 876.0  | 1.69 | 44.87 |
| 1.976 | 20.42 | 60.24 | 4.12 | 7.43 | 988.9  | 1.66 | 44.87 |
| 2.005 | 20.42 | 60.24 | 4.23 | 7.43 | 865.91 | 1.63 | 44.87 |
| 2.007 | 20.42 | 60.24 | 4.27 | 7.42 | 919.91 | 1.63 | 44.88 |
| 2.009 | 20.42 | 60.24 | 4.2  | 7.42 | 953.78 | 1.68 | 44.88 |
| 2.034 | 20.42 | 60.24 | 4.23 | 7.42 | 921.62 | 1.66 | 44.88 |
| 2.086 | 20.42 | 60.24 | 4.16 | 7.42 | 860.11 | 1.78 | 44.87 |
| 2.143 | 20.42 | 60.23 | 4.08 | 7.42 | 801.78 | 1.73 | 44.87 |
| 2.181 | 20.41 | 60.23 | 4.16 | 7.43 | 828.99 | 1.85 | 44.87 |
| 2.183 | 20.41 | 60.23 | 4.16 | 7.43 | 821.53 | 1.75 | 44.88 |
| 2.208 | 20.41 | 60.23 | 4.12 | 7.42 | 831.49 | 1.72 | 44.88 |
| 2.256 | 20.41 | 60.23 | 4.04 | 7.42 | 777.98 | 1.78 | 44.88 |
| 2.302 | 20.41 | 60.22 | 4.31 | 7.42 | 784.5  | 2.59 | 44.87 |
| 2.33  | 20.4  | 60.22 | 4.04 | 7.42 | 759.28 | 1.99 | 44.88 |
| 2.34  | 20.4  | 60.22 | 4.2  | 7.43 | 774.56 | 1.86 | 44.88 |
| 2.342 | 20.4  | 60.22 | 4.04 | 7.42 | 782.86 | 1.85 | 44.88 |
| 2.357 | 20.4  | 60.22 | 3.78 | 7.42 | 759.45 | 1.98 | 44.88 |
| 2.389 | 20.4  | 60.22 | 4.35 | 7.42 | 750.18 | 2.01 | 44.88 |
| 2.429 | 20.4  | 60.22 | 4.2  | 7.42 | 723.54 | 2.11 | 44.88 |
| 2.463 | 20.4  | 60.22 | 4.42 | 7.41 | 717.53 | 1.97 | 44.88 |
| 2.482 | 20.39 | 60.22 | 4.08 | 7.41 | 723.71 | 2.06 | 44.89 |
| 2.491 | 20.39 | 60.23 | 4.04 | 7.41 | 737.94 | 2.27 | 44.89 |
| 2.499 | 20.4  | 60.22 | 4.0  | 7.41 | 702.23 | 2.4  | 44.89 |
| 2.515 | 20.4  | 60.23 | 4.0  | 7.41 | 702.88 | 2.15 | 44.89 |
| 2.546 | 20.4  | 60.23 | 4.2  | 7.41 | 682.96 | 2.05 | 44.89 |
| 2.587 | 20.4  | 60.23 | 3.85 | 7.42 | 679.49 | 2.13 | 44.89 |
| 2.627 | 20.39 | 60.23 | 3.93 | 7.42 | 652.48 | 2.1  | 44.89 |
| 2.655 | 20.39 | 60.24 | 4.54 | 7.43 | 679.96 | 2.37 | 44.9  |
| 2.668 | 20.39 | 60.24 | 4.16 | 7.43 | 644.96 | 2.32 | 44.9  |
| 2.672 | 20.39 | 60.24 | 4.0  | 7.42 | 656.43 | 2.18 | 44.9  |
| 2.682 | 20.39 | 60.24 | 4.04 | 7.42 | 649.61 | 2.18 | 44.9  |
| 2.711 | 20.39 | 60.24 | 4.04 | 7.42 | 638.57 | 2.5  | 44.9  |
| 2.751 | 20.39 | 60.24 | 4.42 | 7.42 | 631.94 | 2.29 | 44.9  |
| 2.787 | 20.39 | 60.24 | 4.04 | 7.42 | 606.82 | 2.34 | 44.91 |
| 2.809 | 20.39 | 60.24 | 4.0  | 7.43 | 614.18 | 3.25 | 44.91 |
| 2.818 | 20.39 | 60.24 | 4.12 | 7.42 | 609.78 | 2.62 | 44.91 |
| 2.829 | 20.39 | 60.24 | 3.89 | 7.42 | 602.06 | 2.58 | 44.91 |
| 2.856 | 20.39 | 60.24 | 4.23 | 7.41 | 589.22 | 2.43 | 44.91 |
| 2.896 | 20.39 | 60.24 | 4.16 | 7.39 | 585.27 | 2.38 | 44.91 |
| 2.932 | 20.39 | 60.24 | 4.39 | 7.38 | 573.72 | 2.88 | 44.91 |
| 2.954 | 20.39 | 60.24 | 4.62 | 7.37 | 571.2  | 2.77 | 44.91 |
| 2.961 | 20.38 | 60.24 | 4.2  | 7.37 | 568.17 | 2.7  | 44.92 |
| 2.963 | 20.38 | 60.24 | 4.31 | 7.38 | 572.4  | 2.41 | 44.92 |
| 2.979 | 20.38 | 60.24 | 4.12 | 7.38 | 560.58 | 2.4  | 44.92 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.013 | 20.38 | 60.24 | 4.39 | 7.39 | 548.12 | 2.49 | 44.92 |
| 3.056 | 20.38 | 60.25 | 4.12 | 7.4  | 534.81 | 3.19 | 44.92 |
| 3.095 | 20.38 | 60.25 | 4.04 | 7.41 | 526.57 | 2.72 | 44.92 |
| 3.117 | 20.38 | 60.25 | 3.97 | 7.41 | 531.85 | 2.75 | 44.93 |
| 3.125 | 20.37 | 60.25 | 4.08 | 7.4  | 525.11 | 2.57 | 44.93 |
| 3.13  | 20.37 | 60.25 | 4.0  | 7.39 | 527.31 | 2.76 | 44.93 |
| 3.147 | 20.37 | 60.25 | 4.23 | 7.38 | 519.9  | 3.03 | 44.93 |
| 3.181 | 20.37 | 60.25 | 4.12 | 7.37 | 502.6  | 2.95 | 44.94 |
| 3.223 | 20.37 | 60.25 | 3.85 | 7.36 | 496.7  | 3.27 | 44.94 |
| 3.26  | 20.37 | 60.26 | 4.27 | 7.36 | 490.52 | 3.02 | 44.94 |
| 3.282 | 20.37 | 60.26 | 4.0  | 7.36 | 486.9  | 2.7  | 44.95 |
| 3.289 | 20.36 | 60.26 | 4.04 | 7.35 | 486.11 | 2.85 | 44.95 |
| 3.292 | 20.36 | 60.26 | 4.16 | 7.35 | 490.63 | 2.72 | 44.95 |
| 3.304 | 20.36 | 60.26 | 4.23 | 7.35 | 480.73 | 2.87 | 44.95 |
| 3.331 | 20.36 | 60.26 | 3.97 | 7.35 | 470.15 | 2.77 | 44.95 |
| 3.362 | 20.36 | 60.26 | 4.08 | 7.34 | 464.2  | 2.78 | 44.95 |
| 3.389 | 20.36 | 60.26 | 3.93 | 7.35 | 460.98 | 3.04 | 44.95 |
| 3.411 | 20.36 | 60.26 | 3.85 | 7.35 | 458.0  | 3.0  | 44.96 |
| 3.428 | 20.36 | 60.26 | 3.81 | 7.35 | 454.51 | 2.88 | 44.96 |
| 3.447 | 20.36 | 60.27 | 4.39 | 7.35 | 450.94 | 3.0  | 44.97 |
| 3.471 | 20.36 | 60.28 | 4.2  | 7.35 | 439.89 | 2.99 | 44.98 |
| 3.498 | 20.36 | 60.29 | 3.89 | 7.35 | 434.72 | 3.05 | 44.98 |
| 3.523 | 20.36 | 60.3  | 3.93 | 7.34 | 434.72 | 3.05 | 44.99 |
| 3.543 | 20.36 | 60.32 | 4.0  | 7.34 | 431.21 | 2.87 | 45.0  |
| 3.557 | 20.37 | 60.33 | 3.66 | 7.33 | 427.33 | 2.98 | 45.01 |
| 3.57  | 20.37 | 60.33 | 3.74 | 7.32 | 422.6  | 2.94 | 45.0  |
| 3.59  | 20.37 | 60.34 | 3.78 | 7.31 | 419.29 | 2.87 | 45.01 |
| 3.618 | 20.38 | 60.38 | 4.08 | 7.3  | 412.63 | 2.92 | 45.04 |
| 3.648 | 20.38 | 60.4  | 4.58 | 7.29 | 404.68 | 3.13 | 45.05 |
| 3.673 | 20.39 | 60.4  | 4.12 | 7.27 | 401.97 | 2.76 | 45.04 |
| 3.691 | 20.39 | 60.4  | 4.2  | 7.24 | 401.22 | 2.94 | 45.03 |
| 3.704 | 20.4  | 60.4  | 4.0  | 7.23 | 398.63 | 2.8  | 45.03 |
| 3.72  | 20.4  | 60.39 | 4.08 | 7.21 | 392.67 | 2.92 | 45.03 |
| 3.743 | 20.4  | 60.39 | 4.27 | 7.2  | 389.4  | 2.88 | 45.03 |
| 3.77  | 20.4  | 60.4  | 4.12 | 7.17 | 385.28 | 3.52 | 45.04 |
| 3.796 | 20.4  | 60.41 | 4.27 | 7.16 | 378.99 | 3.19 | 45.05 |
| 3.82  | 20.4  | 60.42 | 4.27 | 7.14 | 375.14 | 2.92 | 45.05 |
| 3.838 | 20.4  | 60.43 | 4.0  | 7.14 | 372.54 | 3.01 | 45.05 |
| 3.854 | 20.4  | 60.43 | 4.23 | 7.14 | 371.08 | 2.95 | 45.05 |
| 3.87  | 20.41 | 60.45 | 4.08 | 7.14 | 368.34 | 2.82 | 45.06 |
| 3.888 | 20.41 | 60.48 | 3.81 | 7.13 | 364.94 | 2.7  | 45.09 |
| 3.91  | 20.42 | 60.53 | 3.81 | 7.14 | 360.15 | 3.1  | 45.12 |
| 3.937 | 20.43 | 60.56 | 4.16 | 7.15 | 354.35 | 3.11 | 45.13 |
| 3.965 | 20.45 | 60.62 | 4.0  | 7.15 | 350.02 | 3.0  | 45.17 |
| 3.988 | 20.47 | 60.64 | 3.74 | 7.14 | 347.52 | 2.78 | 45.15 |
| 4.008 | 20.49 | 60.64 | 4.31 | 7.12 | 345.83 | 2.82 | 45.13 |
| 4.023 | 20.51 | 60.63 | 4.23 | 7.07 | 344.07 | 2.76 | 45.12 |
| 4.037 | 20.51 | 60.64 | 3.81 | 7.0  | 341.61 | 2.61 | 45.11 |
| 4.054 | 20.51 | 60.64 | 4.12 | 6.92 | 337.44 | 2.78 | 45.12 |
| 4.076 | 20.51 | 60.64 | 4.08 | 6.84 | 333.55 | 3.0  | 45.11 |
| 4.1   | 20.51 | 60.64 | 3.97 | 6.76 | 329.25 | 2.8  | 45.12 |
| 4.129 | 20.51 | 60.65 | 4.16 | 6.7  | 325.38 | 2.82 | 45.12 |
| 4.153 | 20.51 | 60.65 | 4.31 | 6.65 | 321.93 | 2.63 | 45.12 |
| 4.174 | 20.52 | 60.65 | 4.42 | 6.63 | 320.14 | 2.75 | 45.12 |
| 4.193 | 20.52 | 60.65 | 4.58 | 6.62 | 316.23 | 2.9  | 45.12 |
| 4.211 | 20.52 | 60.65 | 4.46 | 6.62 | 313.53 | 2.86 | 45.12 |
| 4.235 | 20.52 | 60.65 | 4.54 | 6.62 | 309.35 | 2.65 | 45.12 |
| 4.263 | 20.52 | 60.65 | 4.31 | 6.63 | 305.22 | 2.7  | 45.12 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.289 | 20.52 | 60.65 | 4.2  | 6.63 | 302.75 | 2.49 | 45.12 |
| 4.309 | 20.52 | 60.65 | 4.58 | 6.64 | 300.72 | 2.46 | 45.12 |
| 4.326 | 20.52 | 60.65 | 4.81 | 6.64 | 297.19 | 2.63 | 45.12 |
| 4.345 | 20.52 | 60.65 | 4.96 | 6.66 | 293.29 | 2.61 | 45.12 |
| 4.371 | 20.52 | 60.65 | 4.77 | 6.66 | 290.18 | 2.75 | 45.12 |
| 4.396 | 20.52 | 60.65 | 4.77 | 6.66 | 287.77 | 2.69 | 45.12 |
| 4.415 | 20.52 | 60.65 | 5.23 | 6.66 | 286.1  | 2.49 | 45.12 |
| 4.429 | 20.52 | 60.65 | 5.19 | 6.69 | 284.91 | 2.69 | 45.12 |
| 4.442 | 20.52 | 60.65 | 5.0  | 6.68 | 282.42 | 2.61 | 45.12 |
| 4.462 | 20.52 | 60.66 | 5.0  | 6.67 | 278.71 | 2.62 | 45.12 |
| 4.487 | 20.52 | 60.65 | 4.62 | 6.69 | 274.67 | 2.61 | 45.12 |
| 4.514 | 20.52 | 60.65 | 4.77 | 6.68 | 272.58 | 2.5  | 45.12 |
| 4.536 | 20.52 | 60.65 | 4.73 | 6.68 | 270.88 | 2.6  | 45.12 |
| 4.554 | 20.52 | 60.66 | 4.62 | 6.68 | 269.94 | 2.46 | 45.12 |
| 4.569 | 20.52 | 60.66 | 4.54 | 6.67 | 267.13 | 2.59 | 45.12 |
| 4.584 | 20.52 | 60.66 | 4.58 | 6.67 | 264.91 | 2.43 | 45.12 |
| 4.605 | 20.52 | 60.66 | 5.04 | 6.67 | 261.2  | 3.11 | 45.12 |
| 4.625 | 20.52 | 60.66 | 5.23 | 6.67 | 258.01 | 2.87 | 45.12 |
| 4.649 | 20.52 | 60.66 | 5.07 | 6.67 | 255.03 | 2.49 | 45.12 |
| 4.674 | 20.52 | 60.66 | 4.92 | 6.67 | 252.27 | 2.41 | 45.12 |
| 4.7   | 20.52 | 60.66 | 5.0  | 6.67 | 249.02 | 2.43 | 45.12 |
| 4.725 | 20.52 | 60.66 | 5.0  | 6.67 | 245.41 | 2.55 | 45.12 |
| 4.745 | 20.52 | 60.66 | 5.04 | 6.66 | 242.97 | 2.5  | 45.12 |
| 4.76  | 20.52 | 60.66 | 5.15 | 6.66 | 242.24 | 2.46 | 45.12 |
| 4.77  | 20.52 | 60.66 | 5.8  | 6.66 | 240.45 | 2.66 | 45.12 |
| 4.782 | 20.52 | 60.66 | 5.95 | 6.65 | 238.12 | 2.58 | 45.12 |
| 4.804 | 20.52 | 60.66 | 6.52 | 6.64 | 234.18 | 2.61 | 45.12 |
| 4.835 | 20.52 | 60.66 | 6.41 | 6.64 | 229.46 | 2.66 | 45.12 |
| 4.866 | 20.52 | 60.66 | 5.91 | 6.63 | 226.08 | 2.89 | 45.12 |
| 4.89  | 20.52 | 60.66 | 6.33 | 6.64 | 224.25 | 2.66 | 45.12 |
| 4.905 | 20.52 | 60.66 | 6.29 | 6.64 | 222.85 | 2.62 | 45.12 |
| 4.915 | 20.52 | 60.66 | 6.37 | 6.64 | 221.82 | 2.46 | 45.12 |
| 4.927 | 20.52 | 60.66 | 6.45 | 6.64 | 220.13 | 2.7  | 45.12 |
| 4.943 | 20.52 | 60.66 | 6.68 | 6.64 | 217.14 | 2.63 | 45.12 |
| 4.965 | 20.53 | 60.67 | 6.94 | 6.63 | 213.2  | 2.49 | 45.12 |
| 4.99  | 20.53 | 60.67 | 6.68 | 6.62 | 210.21 | 2.45 | 45.13 |
| 5.017 | 20.53 | 60.68 | 7.06 | 6.61 | 206.82 | 2.54 | 45.13 |
| 5.039 | 20.53 | 60.68 | 7.44 | 6.61 | 204.16 | 2.72 | 45.12 |
| 5.057 | 20.53 | 60.68 | 7.48 | 6.61 | 203.03 | 2.72 | 45.12 |
| 5.067 | 20.53 | 60.68 | 7.44 | 6.61 | 201.67 | 2.51 | 45.12 |
| 5.074 | 20.53 | 60.68 | 8.05 | 6.6  | 200.64 | 2.85 | 45.12 |
| 5.08  | 20.53 | 60.68 | 7.74 | 6.6  | 199.3  | 2.72 | 45.12 |
| 5.084 | 20.53 | 60.68 | 8.16 | 6.59 | 198.6  | 3.4  | 45.12 |
| 5.088 | 20.53 | 60.68 | 8.16 | 6.59 | 198.33 | 3.02 | 45.12 |
| 5.089 | 20.53 | 60.68 | 7.51 | 6.58 | 199.11 | 3.0  | 45.12 |