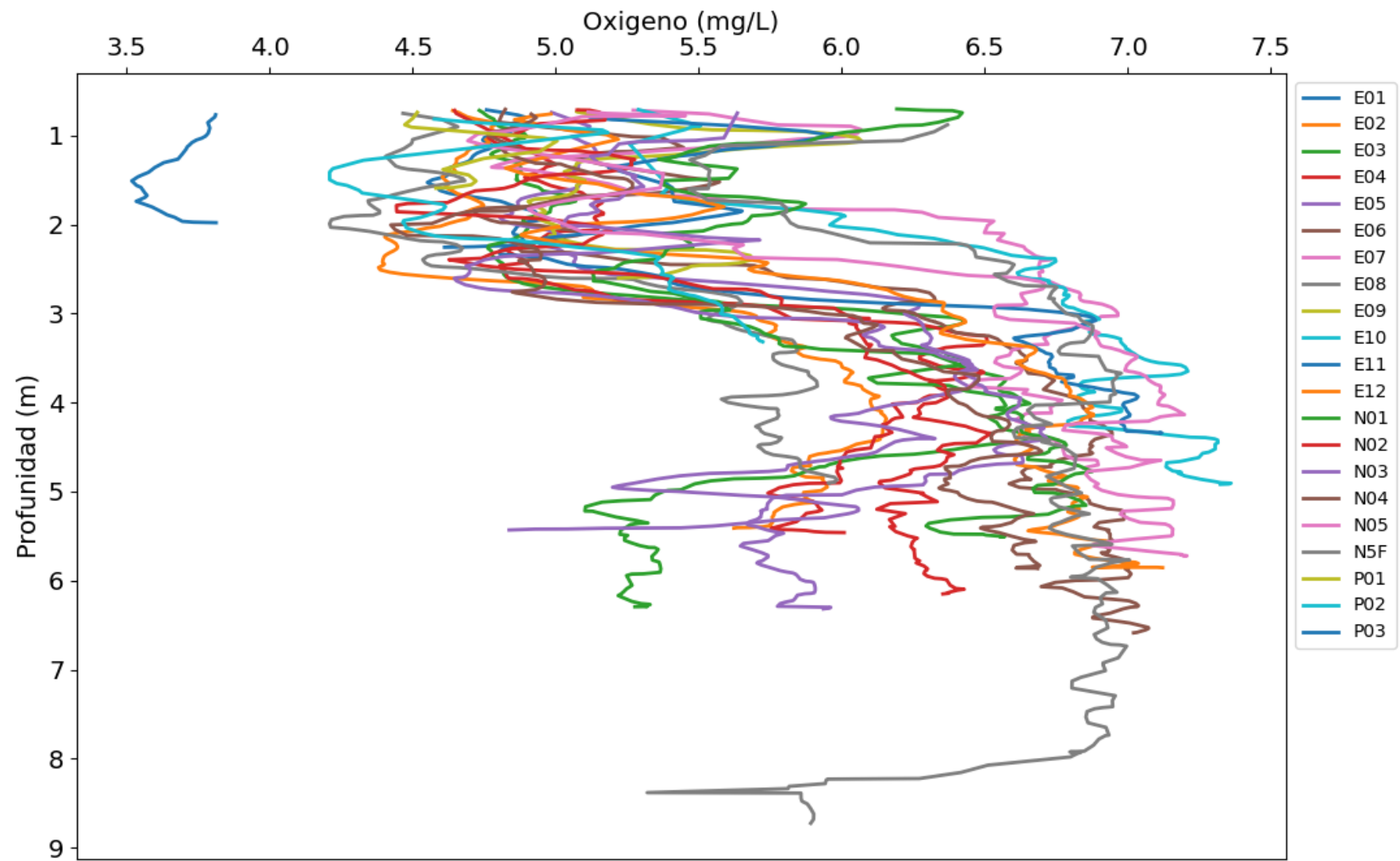
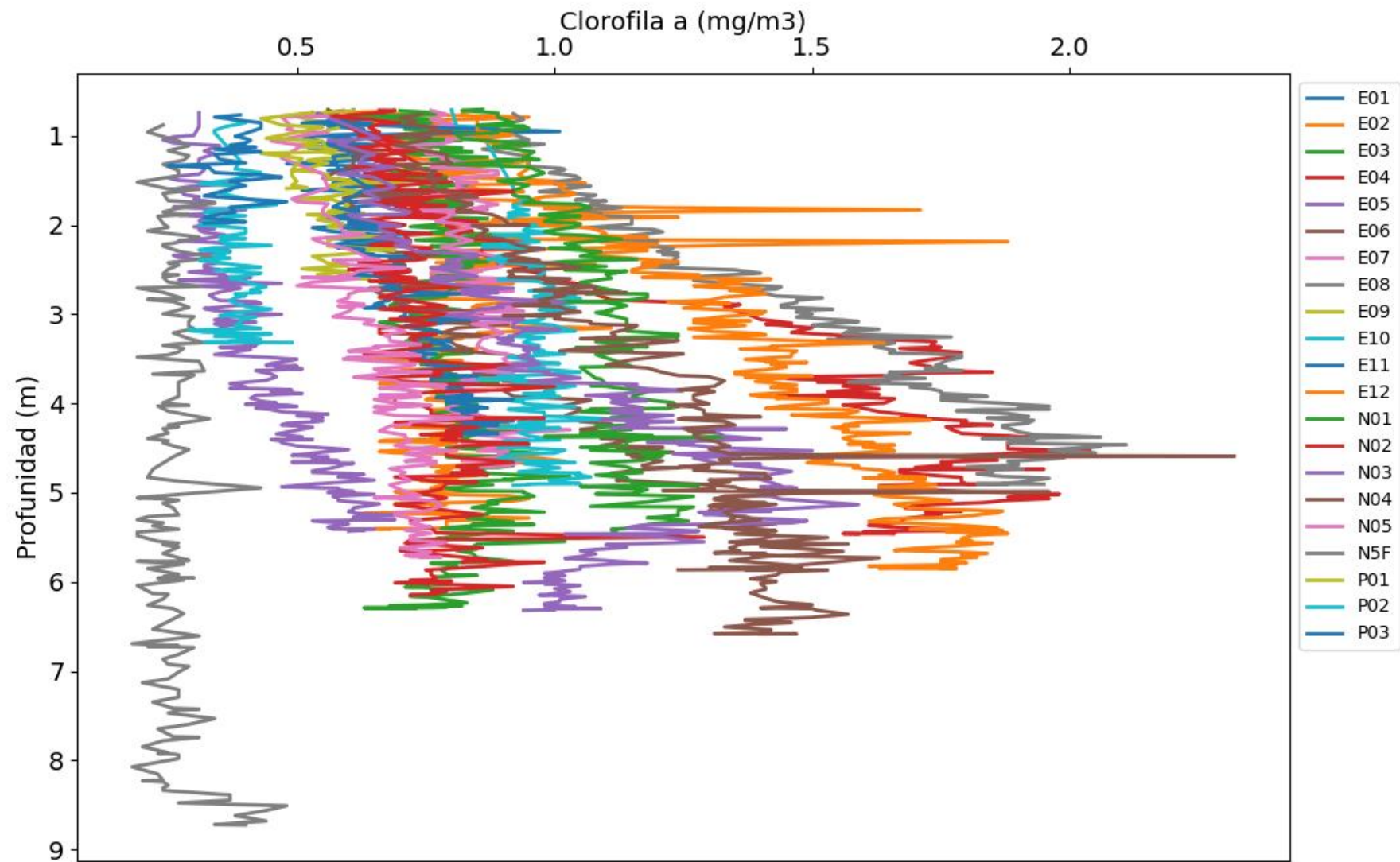
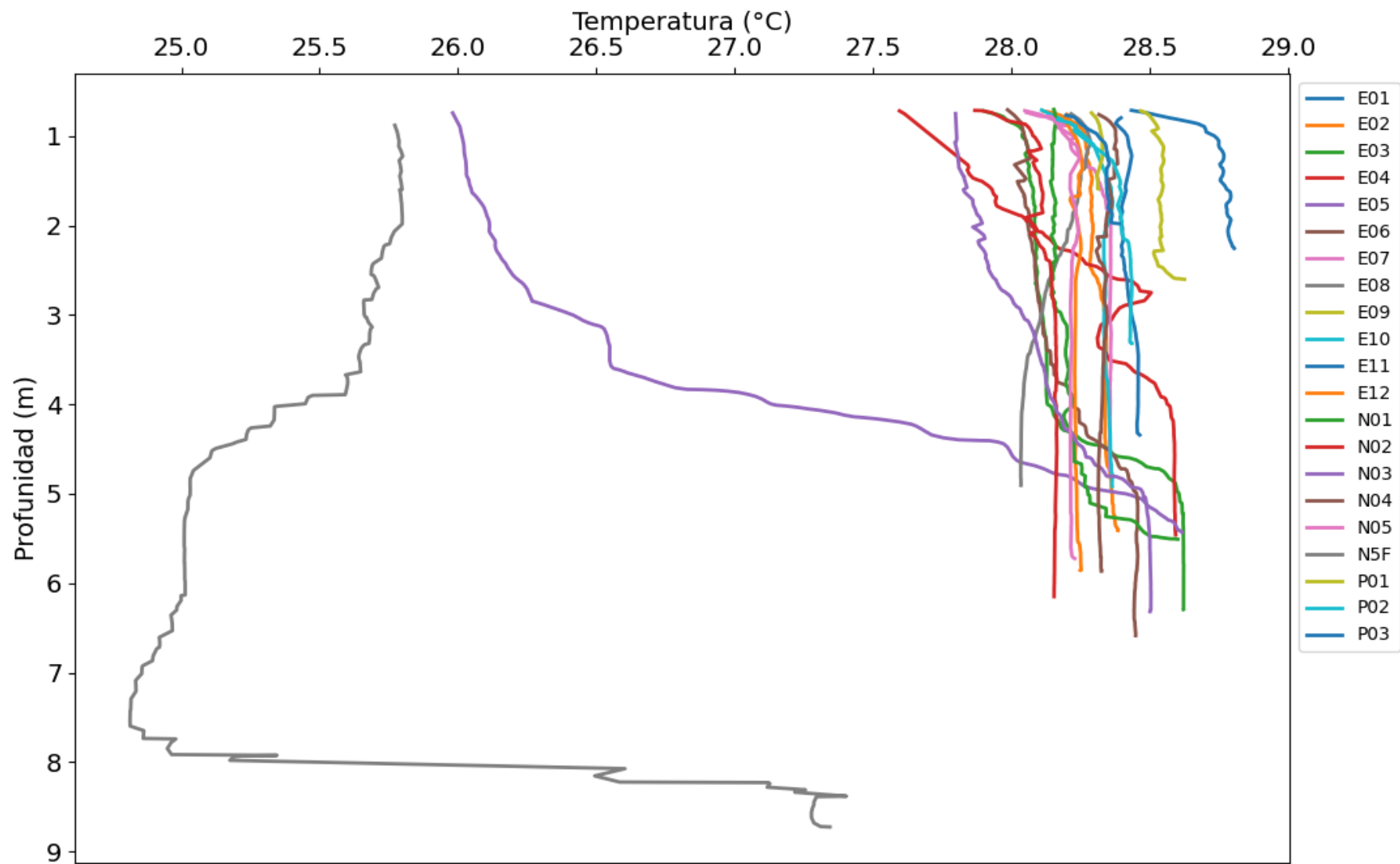
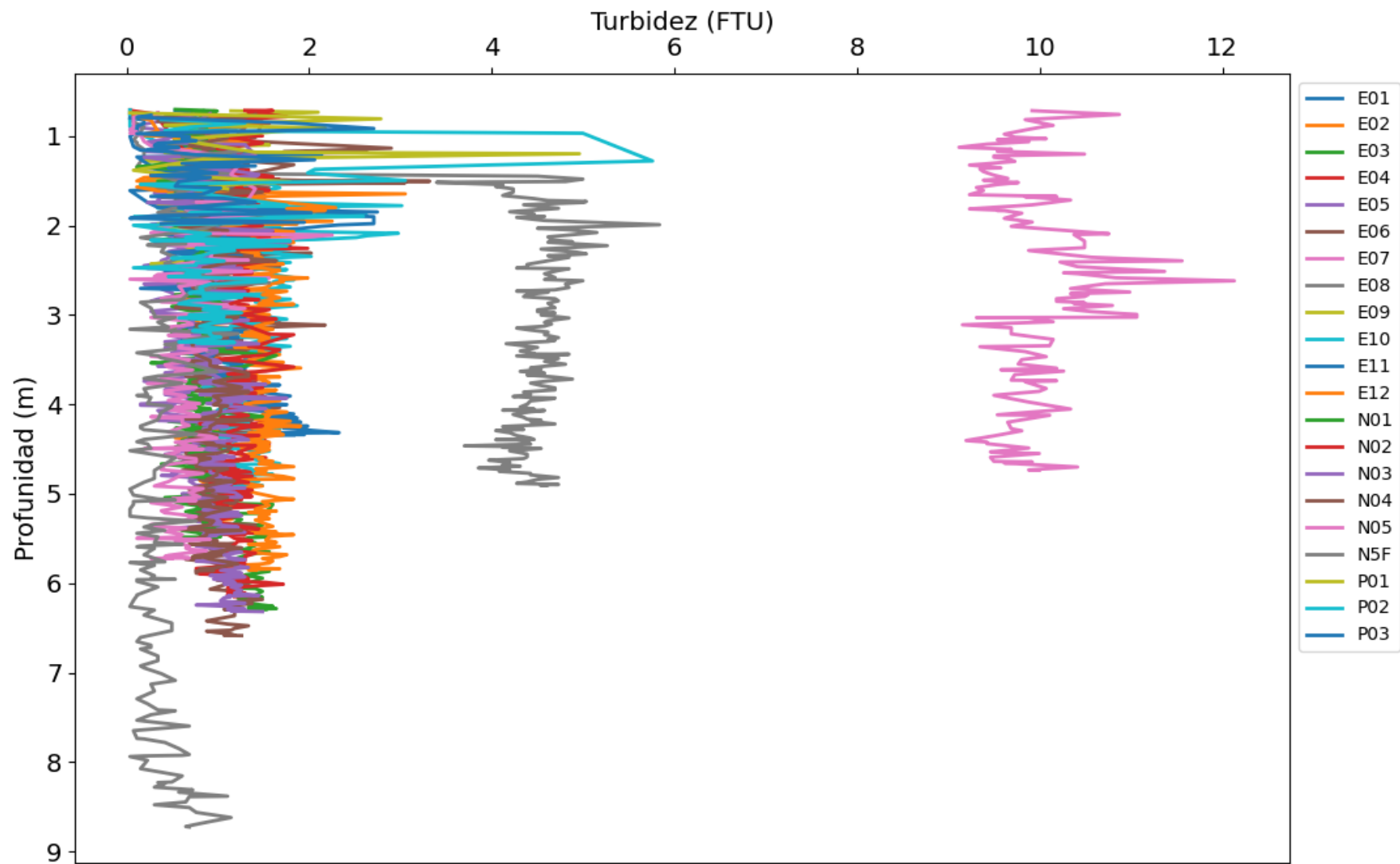


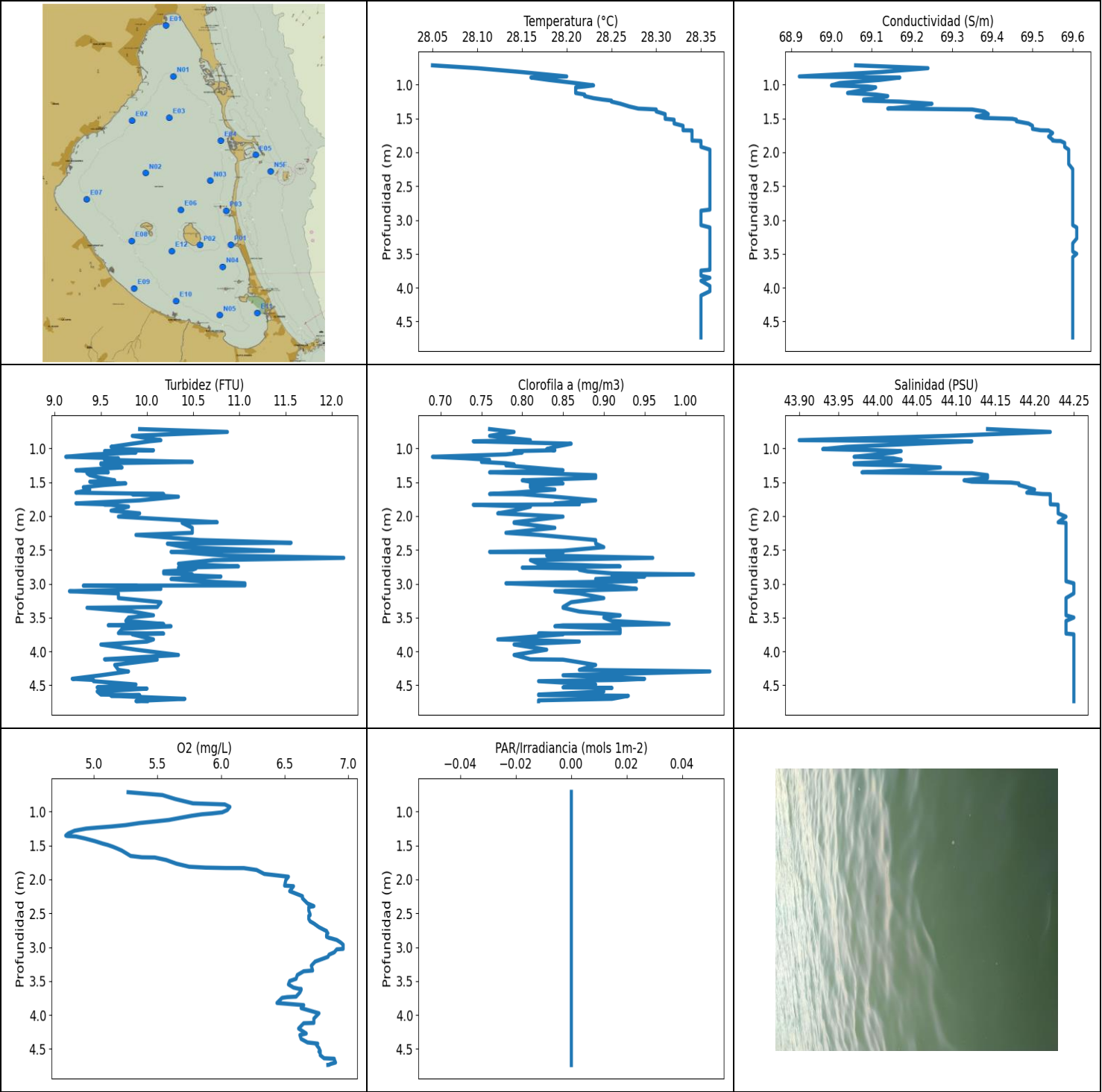












| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.05      | 68.92               | 9.12           | 4.78           | 0                           | 0.69              | 43.9            |
| PROF (metros)                                                                | 0.716      | 0.88                | 1.125          | 1.355          | 0                           | 1.125             | 0.88            |
| MÁXIMO                                                                       | 28.36      | 28.36               | 12.13          | 6.96           | 0                           | 1.03              | 44.25           |
| PROF (metros)                                                                | 1.961      | 3.11                | 2.618          | 2.963          | 0                           | 4.295             | 2.994           |

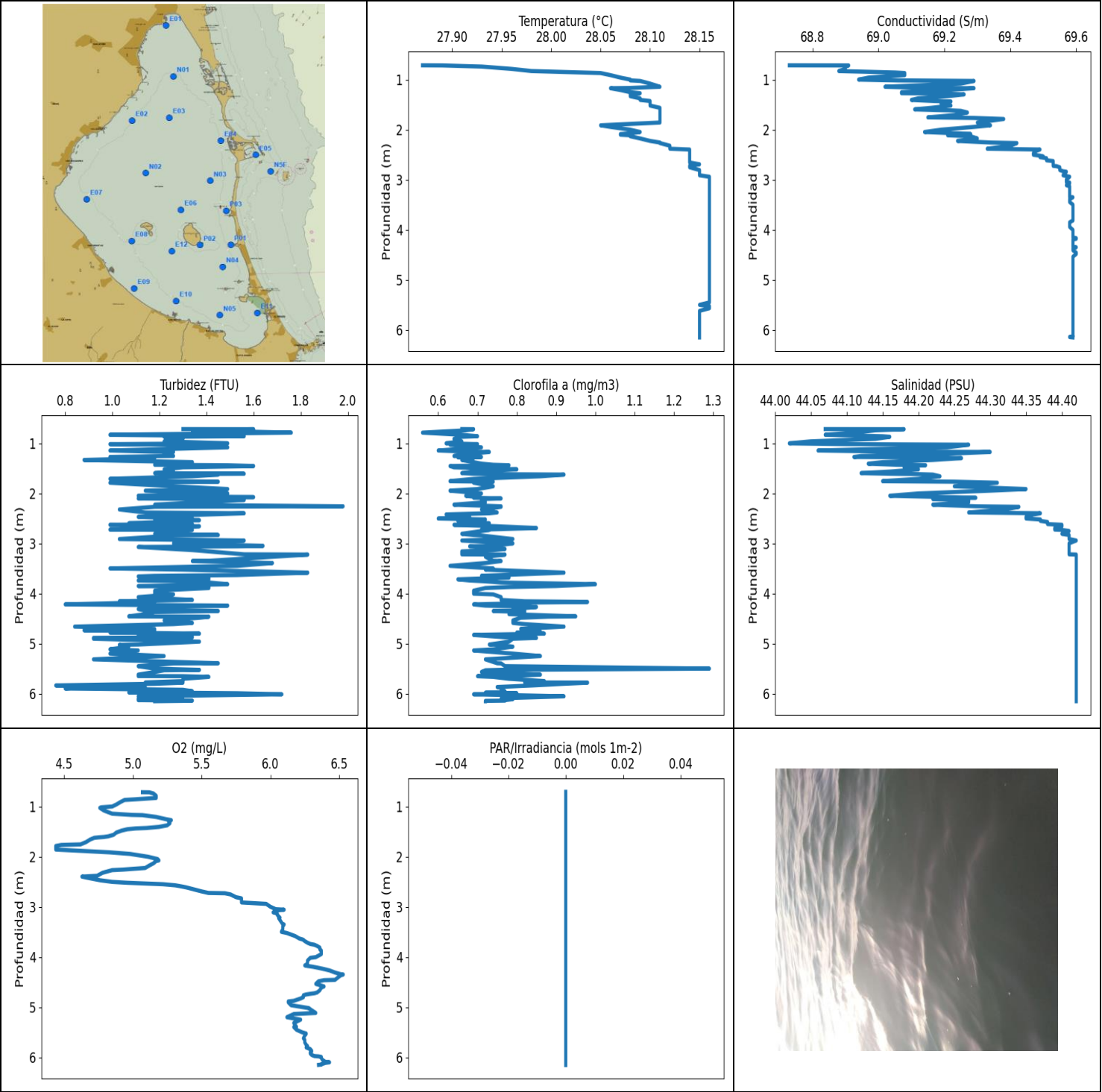
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E07 - Punto 001                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |

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

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.716                                                          | 28.05      | 69.06               | 9.92           | 5.27           | 0                           | 0.76              | 44.14           |
| 0.758                                                          | 28.1       | 69.24               | 10.87          | 5.54           | 0                           | 0.79              | 44.22           |
| 0.816                                                          | 28.15      | 69.12               | 9.84           | 5.64           | 0                           | 0.76              | 44.09           |
| 0.88                                                           | 28.2       | 68.92               | 10.15          | 5.78           | 0                           | 0.81              | 43.9            |
| 0.896                                                          | 28.16      | 69.17               | 10.03          | 6.03           | 0                           | 0.74              | 44.12           |
| 0.932                                                          | 28.18      | 69.12               | 9.84           | 6.07           | 0                           | 0.86              | 44.05           |
| 0.978                                                          | 28.21      | 69.02               | 9.61           | 6.05           | 0                           | 0.84              | 43.96           |
| 1.012                                                          | 28.23      | 69.0                | 9.73           | 6.01           | 0                           | 0.83              | 43.93           |
| 1.029                                                          | 28.22      | 69.09               | 10.07          | 5.93           | 0                           | 0.84              | 44.0            |
| 1.041                                                          | 28.21      | 69.11               | 9.54           | 5.85           | 0                           | 0.79              | 44.03           |
| 1.063                                                          | 28.21      | 69.1                | 9.88           | 5.77           | 0                           | 0.8               | 44.02           |
| 1.09                                                           | 28.21      | 69.07               | 9.42           | 5.69           | 0                           | 0.78              | 44.0            |
| 1.125                                                          | 28.21      | 69.04               | 9.12           | 5.59           | 0                           | 0.69              | 43.97           |
| 1.147                                                          | 28.22      | 69.11               | 9.69           | 5.48           | 0                           | 0.73              | 44.02           |
| 1.17                                                           | 28.22      | 69.14               | 9.54           | 5.36           | 0                           | 0.76              | 44.03           |
| 1.201                                                          | 28.23      | 69.12               | 10.49          | 5.25           | 0                           | 0.75              | 44.01           |
| 1.221                                                          | 28.24      | 69.08               | 9.5            | 5.14           | 0                           | 0.78              | 43.97           |
| 1.237                                                          | 28.25      | 69.08               | 9.5            | 5.03           | 0                           | 0.79              | 43.97           |
| 1.252                                                          | 28.25      | 69.17               | 9.65           | 4.94           | 0                           | 0.78              | 44.03           |
| 1.283                                                          | 28.26      | 69.25               | 9.73           | 4.85           | 0                           | 0.81              | 44.08           |
| 1.324                                                          | 28.27      | 69.2                | 9.23           | 4.8            | 0                           | 0.85              | 44.04           |
| 1.355                                                          | 28.28      | 69.14               | 9.58           | 4.78           | 0                           | 0.76              | 43.98           |
| 1.361                                                          | 28.29      | 69.24               | 9.38           | 4.79           | 0                           | 0.78              | 44.04           |
| 1.368                                                          | 28.3       | 69.35               | 9.35           | 4.86           | 0                           | 0.82              | 44.12           |
| 1.397                                                          | 28.3       | 69.38               | 9.38           | 4.93           | 0                           | 0.89              | 44.14           |
| 1.437                                                          | 28.31      | 69.39               | 9.5            | 5.01           | 0                           | 0.89              | 44.14           |
| 1.473                                                          | 28.31      | 69.36               | 9.65           | 5.07           | 0                           | 0.8               | 44.11           |
| 1.493                                                          | 28.31      | 69.38               | 9.38           | 5.11           | 0                           | 0.81              | 44.12           |
| 1.506                                                          | 28.31      | 69.45               | 9.5            | 5.13           | 0                           | 0.81              | 44.17           |
| 1.519                                                          | 28.32      | 69.46               | 9.77           | 5.15           | 0                           | 0.85              | 44.18           |
| 1.542                                                          | 28.32      | 69.46               | 9.54           | 5.18           | 0                           | 0.81              | 44.18           |
| 1.575                                                          | 28.32      | 69.49               | 9.31           | 5.22           | 0                           | 0.81              | 44.19           |
| 1.609                                                          | 28.33      | 69.5                | 9.38           | 5.25           | 0                           | 0.84              | 44.2            |
| 1.655                                                          | 28.33      | 69.5                | 9.23           | 5.29           | 0                           | 0.79              | 44.19           |
| 1.675                                                          | 28.33      | 69.52               | 10.18          | 5.38           | 0                           | 0.76              | 44.21           |
| 1.678                                                          | 28.34      | 69.54               | 9.84           | 5.48           | 0                           | 0.8               | 44.22           |
| 1.715                                                          | 28.34      | 69.55               | 10.34          | 5.57           | 0                           | 0.84              | 44.22           |
| 1.769                                                          | 28.34      | 69.54               | 9.92           | 5.65           | 0                           | 0.89              | 44.22           |
| 1.814                                                          | 28.34      | 69.55               | 9.23           | 5.75           | 0                           | 0.84              | 44.22           |
| 1.827                                                          | 28.34      | 69.55               | 9.54           | 5.88           | 0                           | 0.87              | 44.22           |
| 1.833                                                          | 28.35      | 69.56               | 9.54           | 6.04           | 0                           | 0.79              | 44.23           |
| 1.834                                                          | 28.35      | 69.57               | 9.61           | 6.18           | 0                           | 0.74              | 44.23           |

|       |       |       |       |      |   |      |       |
|-------|-------|-------|-------|------|---|------|-------|
| 1.862 | 28.35 | 69.58 | 9.8   | 6.28 | 0 | 0.81 | 44.23 |
| 1.92  | 28.35 | 69.58 | 9.61  | 6.34 | 0 | 0.79 | 44.23 |
| 1.961 | 28.36 | 69.59 | 9.92  | 6.53 | 0 | 0.77 | 44.23 |
| 2.009 | 28.36 | 69.59 | 9.69  | 6.51 | 0 | 0.85 | 44.24 |
| 2.092 | 28.36 | 69.59 | 10.76 | 6.5  | 0 | 0.79 | 44.23 |
| 2.101 | 28.36 | 69.59 | 10.38 | 6.57 | 0 | 0.79 | 44.24 |
| 2.174 | 28.36 | 69.59 | 10.49 | 6.54 | 0 | 0.84 | 44.24 |
| 2.248 | 28.36 | 69.6  | 10.49 | 6.64 | 0 | 0.78 | 44.24 |
| 2.279 | 28.36 | 69.6  | 9.88  | 6.64 | 0 | 0.82 | 44.24 |
| 2.355 | 28.36 | 69.6  | 10.57 | 6.68 | 0 | 0.89 | 44.24 |
| 2.395 | 28.36 | 69.6  | 11.56 | 6.73 | 0 | 0.89 | 44.24 |
| 2.408 | 28.36 | 69.6  | 10.22 | 6.69 | 0 | 0.89 | 44.24 |
| 2.46  | 28.36 | 69.6  | 10.41 | 6.69 | 0 | 0.9  | 44.24 |
| 2.513 | 28.36 | 69.6  | 11.37 | 6.7  | 0 | 0.85 | 44.24 |
| 2.529 | 28.36 | 69.6  | 10.26 | 6.7  | 0 | 0.76 | 44.24 |
| 2.538 | 28.36 | 69.6  | 10.41 | 6.69 | 0 | 0.85 | 44.24 |
| 2.584 | 28.36 | 69.6  | 10.83 | 6.69 | 0 | 0.83 | 44.24 |
| 2.618 | 28.36 | 69.6  | 12.13 | 6.7  | 0 | 0.96 | 44.24 |
| 2.651 | 28.36 | 69.6  | 10.72 | 6.73 | 0 | 0.81 | 44.24 |
| 2.705 | 28.36 | 69.6  | 10.34 | 6.77 | 0 | 0.82 | 44.24 |
| 2.744 | 28.36 | 69.6  | 10.99 | 6.81 | 0 | 0.92 | 44.24 |
| 2.762 | 28.36 | 69.6  | 10.34 | 6.83 | 0 | 0.8  | 44.24 |
| 2.774 | 28.36 | 69.6  | 10.53 | 6.83 | 0 | 0.87 | 44.24 |
| 2.794 | 28.36 | 69.6  | 10.49 | 6.84 | 0 | 0.87 | 44.24 |
| 2.818 | 28.36 | 69.6  | 10.18 | 6.83 | 0 | 0.88 | 44.24 |
| 2.847 | 28.36 | 69.6  | 10.18 | 6.83 | 0 | 0.91 | 44.24 |
| 2.863 | 28.35 | 69.6  | 10.49 | 6.85 | 0 | 1.01 | 44.24 |
| 2.872 | 28.35 | 69.6  | 10.38 | 6.87 | 0 | 0.91 | 44.24 |
| 2.894 | 28.35 | 69.6  | 10.8  | 6.91 | 0 | 0.95 | 44.24 |
| 2.93  | 28.35 | 69.6  | 10.26 | 6.94 | 0 | 0.89 | 44.24 |
| 2.963 | 28.35 | 69.6  | 10.57 | 6.96 | 0 | 0.94 | 44.24 |
| 2.994 | 28.35 | 69.6  | 11.06 | 6.96 | 0 | 0.78 | 44.25 |
| 3.025 | 28.35 | 69.6  | 11.06 | 6.96 | 0 | 0.85 | 44.25 |
| 3.029 | 28.35 | 69.6  | 9.31  | 6.93 | 0 | 0.87 | 44.25 |
| 3.032 | 28.35 | 69.6  | 9.88  | 6.91 | 0 | 0.91 | 44.25 |
| 3.076 | 28.35 | 69.6  | 10.15 | 6.89 | 0 | 0.94 | 44.25 |
| 3.11  | 28.36 | 69.61 | 9.16  | 6.85 | 0 | 0.84 | 44.25 |
| 3.143 | 28.36 | 69.61 | 9.69  | 6.84 | 0 | 0.87 | 44.25 |
| 3.212 | 28.36 | 69.61 | 9.69  | 6.74 | 0 | 0.9  | 44.24 |
| 3.273 | 28.36 | 69.61 | 10.15 | 6.71 | 0 | 0.86 | 44.24 |
| 3.344 | 28.36 | 69.6  | 10.11 | 6.72 | 0 | 0.85 | 44.24 |
| 3.355 | 28.36 | 69.6  | 9.35  | 6.65 | 0 | 0.85 | 44.24 |
| 3.41  | 28.36 | 69.6  | 9.84  | 6.6  | 0 | 0.87 | 44.24 |
| 3.466 | 28.36 | 69.6  | 10.07 | 6.59 | 0 | 0.92 | 44.24 |
| 3.499 | 28.36 | 69.61 | 9.8   | 6.54 | 0 | 0.9  | 44.25 |
| 3.549 | 28.36 | 69.6  | 9.77  | 6.53 | 0 | 0.91 | 44.24 |
| 3.595 | 28.36 | 69.6  | 10.18 | 6.57 | 0 | 0.98 | 44.24 |
| 3.613 | 28.36 | 69.6  | 9.58  | 6.61 | 0 | 0.9  | 44.24 |
| 3.615 | 28.36 | 69.6  | 9.69  | 6.63 | 0 | 0.85 | 44.24 |
| 3.628 | 28.36 | 69.6  | 10.26 | 6.63 | 0 | 0.84 | 44.24 |
| 3.667 | 28.36 | 69.6  | 9.73  | 6.62 | 0 | 0.92 | 44.24 |
| 3.729 | 28.36 | 69.6  | 9.69  | 6.59 | 0 | 0.92 | 44.24 |
| 3.736 | 28.36 | 69.6  | 10.18 | 6.52 | 0 | 0.82 | 44.24 |
| 3.747 | 28.35 | 69.6  | 9.84  | 6.48 | 0 | 0.85 | 44.25 |
| 3.822 | 28.35 | 69.6  | 10.07 | 6.44 | 0 | 0.77 | 44.25 |
| 3.854 | 28.36 | 69.6  | 10.0  | 6.65 | 0 | 0.87 | 44.25 |
| 3.898 | 28.35 | 69.6  | 9.5   | 6.63 | 0 | 0.79 | 44.25 |
| 3.974 | 28.36 | 69.6  | 9.88  | 6.77 | 0 | 0.83 | 44.25 |

|       |       |      |       |      |   |      |       |
|-------|-------|------|-------|------|---|------|-------|
| 4.052 | 28.36 | 69.6 | 10.34 | 6.73 | 0 | 0.79 | 44.25 |
| 4.116 | 28.35 | 69.6 | 9.54  | 6.73 | 0 | 0.81 | 44.25 |
| 4.121 | 28.35 | 69.6 | 10.11 | 6.65 | 0 | 0.85 | 44.25 |
| 4.199 | 28.35 | 69.6 | 9.65  | 6.61 | 0 | 0.89 | 44.25 |
| 4.272 | 28.35 | 69.6 | 9.69  | 6.67 | 0 | 0.87 | 44.25 |
| 4.295 | 28.35 | 69.6 | 9.8   | 6.62 | 0 | 1.03 | 44.25 |
| 4.352 | 28.35 | 69.6 | 9.5   | 6.63 | 0 | 0.85 | 44.25 |
| 4.404 | 28.35 | 69.6 | 9.19  | 6.68 | 0 | 0.95 | 44.25 |
| 4.421 | 28.35 | 69.6 | 9.42  | 6.76 | 0 | 0.92 | 44.25 |
| 4.439 | 28.35 | 69.6 | 9.42  | 6.75 | 0 | 0.82 | 44.25 |
| 4.488 | 28.35 | 69.6 | 9.88  | 6.77 | 0 | 0.89 | 44.25 |
| 4.531 | 28.35 | 69.6 | 9.46  | 6.78 | 0 | 0.85 | 44.25 |
| 4.539 | 28.35 | 69.6 | 9.61  | 6.77 | 0 | 0.91 | 44.25 |
| 4.549 | 28.35 | 69.6 | 10.0  | 6.78 | 0 | 0.89 | 44.25 |
| 4.591 | 28.35 | 69.6 | 9.46  | 6.78 | 0 | 0.9  | 44.25 |
| 4.637 | 28.35 | 69.6 | 9.5   | 6.81 | 0 | 0.82 | 44.25 |
| 4.644 | 28.35 | 69.6 | 9.92  | 6.89 | 0 | 0.82 | 44.25 |
| 4.655 | 28.35 | 69.6 | 9.61  | 6.89 | 0 | 0.93 | 44.25 |
| 4.7   | 28.35 | 69.6 | 10.41 | 6.9  | 0 | 0.91 | 44.25 |
| 4.722 | 28.35 | 69.6 | 10.03 | 6.86 | 0 | 0.82 | 44.25 |
| 4.733 | 28.35 | 69.6 | 9.88  | 6.85 | 0 | 0.82 | 44.25 |
| 4.735 | 28.35 | 69.6 | 10.0  | 6.84 | 0 | 0.82 | 44.25 |



| 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                                                                       | 27.87      | 68.73               | 0.76           | 4.44           | 0                           | 0.56              | 44.02           |
| PROF (metros)                                                                | 0.713      | 0.713               | 5.834          | 1.785          | 0                           | 0.784             | 0.998           |
| MÁXIMO                                                                       | 28.16      | 28.16               | 1.98           | 6.53           | 0                           | 1.29              | 44.42           |
| PROF (metros)                                                                | 2.939      | 4.166               | 2.255          | 4.347          | 0                           | 5.498             | 2.939           |

| 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) |

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

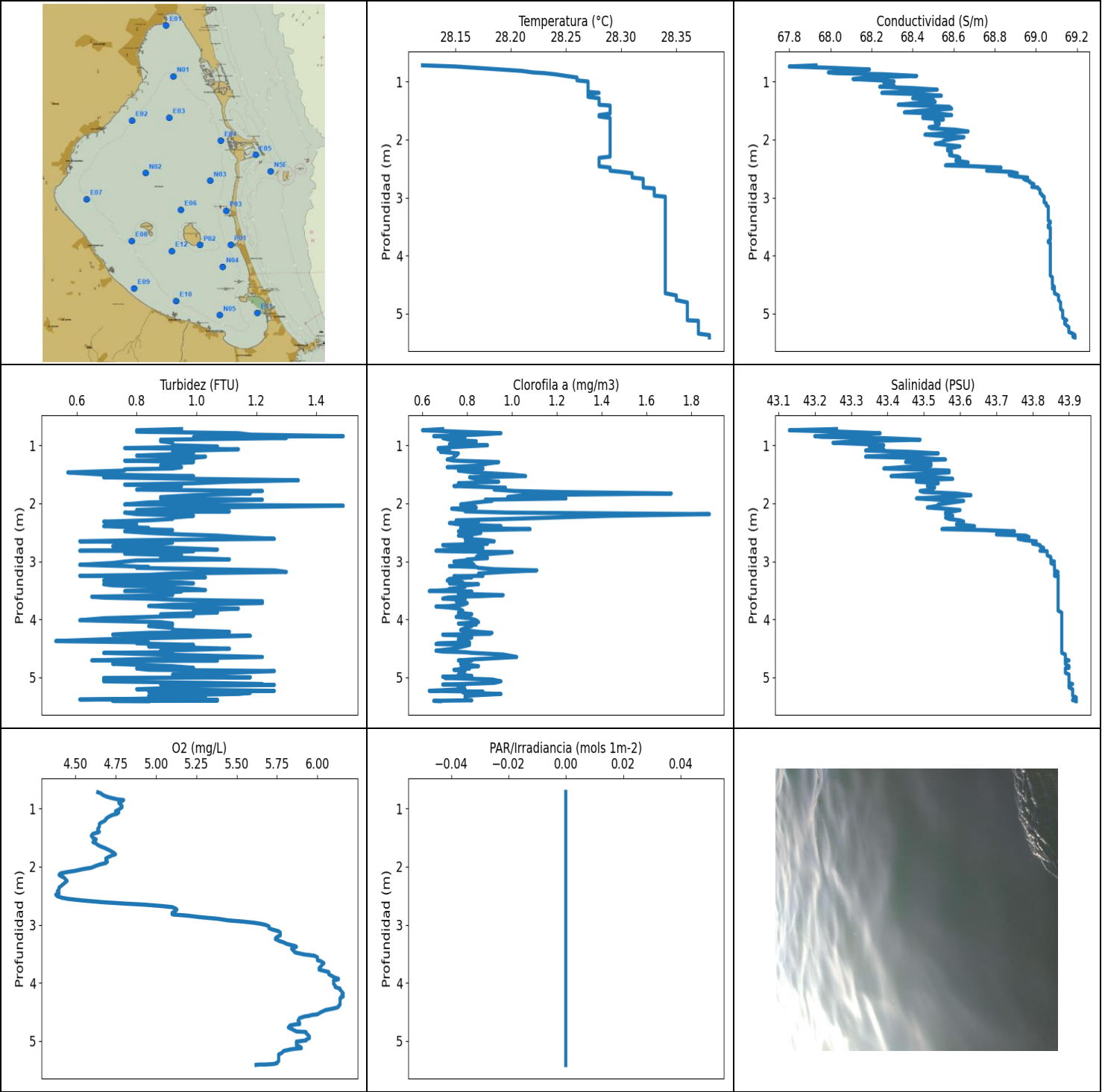
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.713                                                          | 27.87      | 68.73               | 1.3            | 5.07           | 0                           | 0.66              | 44.07           |
| 0.715                                                          | 27.89      | 68.91               | 1.6            | 5.12           | 0                           | 0.69              | 44.18           |
| 0.738                                                          | 27.93      | 68.9                | 1.34           | 5.15           | 0                           | 0.67              | 44.14           |
| 0.784                                                          | 27.96      | 68.9                | 1.76           | 5.17           | 0                           | 0.56              | 44.11           |
| 0.827                                                          | 27.98      | 68.88               | 0.99           | 5.17           | 0                           | 0.66              | 44.07           |
| 0.856                                                          | 28.03      | 69.05               | 1.56           | 5.01           | 0                           | 0.7               | 44.15           |
| 0.867                                                          | 28.05      | 69.08               | 1.22           | 4.94           | 0                           | 0.66              | 44.16           |
| 0.909                                                          | 28.06      | 69.08               | 1.3            | 4.91           | 0                           | 0.64              | 44.14           |
| 0.958                                                          | 28.07      | 68.97               | 1.22           | 4.88           | 0                           | 0.66              | 44.05           |
| 0.998                                                          | 28.08      | 68.94               | 1.49           | 4.85           | 0                           | 0.62              | 44.02           |
| 1.014                                                          | 28.08      | 69.06               | 0.99           | 4.77           | 0                           | 0.7               | 44.1            |
| 1.025                                                          | 28.09      | 69.29               | 1.22           | 4.76           | 0                           | 0.63              | 44.27           |
| 1.078                                                          | 28.1       | 69.25               | 1.49           | 4.79           | 0                           | 0.71              | 44.24           |
| 1.141                                                          | 28.11      | 69.02               | 0.99           | 4.85           | 0                           | 0.6               | 44.06           |
| 1.165                                                          | 28.08      | 69.14               | 1.18           | 4.99           | 0                           | 0.68              | 44.17           |
| 1.17                                                           | 28.06      | 69.29               | 1.26           | 5.07           | 0                           | 0.73              | 44.3            |
| 1.206                                                          | 28.07      | 69.21               | 1.22           | 5.17           | 0                           | 0.68              | 44.24           |
| 1.25                                                           | 28.08      | 69.07               | 1.26           | 5.24           | 0                           | 0.64              | 44.12           |
| 1.27                                                           | 28.09      | 69.07               | 0.99           | 5.28           | 0                           | 0.71              | 44.11           |
| 1.277                                                          | 28.08      | 69.19               | 1.14           | 5.27           | 0                           | 0.65              | 44.2            |
| 1.293                                                          | 28.08      | 69.26               | 1.18           | 5.26           | 0                           | 0.69              | 44.26           |
| 1.33                                                           | 28.08      | 69.21               | 0.88           | 5.27           | 0                           | 0.66              | 44.22           |
| 1.373                                                          | 28.09      | 69.12               | 1.34           | 5.25           | 0                           | 0.69              | 44.15           |
| 1.404                                                          | 28.09      | 69.1                | 1.34           | 5.19           | 0                           | 0.71              | 44.13           |
| 1.426                                                          | 28.1       | 69.17               | 1.18           | 5.1            | 0                           | 0.74              | 44.17           |
| 1.435                                                          | 28.1       | 69.22               | 1.49           | 5.02           | 0                           | 0.78              | 44.21           |
| 1.451                                                          | 28.1       | 69.2                | 1.6            | 4.96           | 0                           | 0.63              | 44.19           |
| 1.477                                                          | 28.1       | 69.19               | 1.3            | 4.92           | 0                           | 0.64              | 44.18           |
| 1.517                                                          | 28.1       | 69.22               | 1.22           | 4.88           | 0                           | 0.8               | 44.2            |
| 1.562                                                          | 28.11      | 69.16               | 1.26           | 4.86           | 0                           | 0.69              | 44.16           |
| 1.593                                                          | 28.11      | 69.11               | 1.18           | 4.82           | 0                           | 0.66              | 44.12           |
| 1.605                                                          | 28.11      | 69.17               | 1.56           | 4.79           | 0                           | 0.69              | 44.16           |
| 1.613                                                          | 28.11      | 69.22               | 1.26           | 4.75           | 0                           | 0.72              | 44.2            |
| 1.622                                                          | 28.11      | 69.25               | 1.45           | 4.72           | 0                           | 0.92              | 44.22           |
| 1.656                                                          | 28.11      | 69.27               | 1.34           | 4.69           | 0                           | 0.86              | 44.23           |
| 1.707                                                          | 28.11      | 69.23               | 0.99           | 4.66           | 0                           | 0.69              | 44.2            |
| 1.753                                                          | 28.11      | 69.15               | 1.18           | 4.62           | 0                           | 0.63              | 44.15           |
| 1.764                                                          | 28.11      | 69.29               | 1.45           | 4.48           | 0                           | 0.74              | 44.25           |
| 1.785                                                          | 28.11      | 69.38               | 0.99           | 4.44           | 0                           | 0.69              | 44.31           |
| 1.856                                                          | 28.11      | 69.3                | 1.26           | 4.44           | 0                           | 0.74              | 44.25           |
| 1.911                                                          | 28.05      | 69.34               | 1.49           | 4.83           | 0                           | 0.7               | 44.35           |
| 1.943                                                          | 28.06      | 69.29               | 1.14           | 4.98           | 0                           | 0.63              | 44.3            |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.999 | 28.08 | 69.19 | 1.49 | 5.11 | 0 | 0.71 | 44.2  |
| 2.045 | 28.09 | 69.14 | 1.11 | 5.18 | 0 | 0.67 | 44.16 |
| 2.072 | 28.08 | 69.24 | 1.6  | 5.19 | 0 | 0.7  | 44.24 |
| 2.085 | 28.07 | 69.28 | 1.26 | 5.17 | 0 | 0.69 | 44.28 |
| 2.099 | 28.07 | 69.21 | 1.11 | 5.16 | 0 | 0.76 | 44.23 |
| 2.11  | 28.08 | 69.21 | 1.41 | 5.16 | 0 | 0.71 | 44.22 |
| 2.13  | 28.08 | 69.28 | 1.56 | 5.15 | 0 | 0.71 | 44.27 |
| 2.174 | 28.09 | 69.3  | 1.37 | 5.12 | 0 | 0.72 | 44.27 |
| 2.223 | 28.1  | 69.24 | 1.18 | 5.09 | 0 | 0.64 | 44.22 |
| 2.255 | 28.11 | 69.34 | 1.98 | 4.93 | 0 | 0.76 | 44.28 |
| 2.266 | 28.11 | 69.42 | 1.18 | 4.85 | 0 | 0.76 | 44.34 |
| 2.319 | 28.12 | 69.4  | 1.03 | 4.78 | 0 | 0.71 | 44.32 |
| 2.379 | 28.12 | 69.33 | 1.14 | 4.74 | 0 | 0.75 | 44.27 |
| 2.395 | 28.14 | 69.49 | 1.56 | 4.63 | 0 | 0.73 | 44.37 |
| 2.418 | 28.14 | 69.48 | 1.41 | 4.67 | 0 | 0.62 | 44.36 |
| 2.467 | 28.14 | 69.47 | 1.11 | 4.76 | 0 | 0.68 | 44.35 |
| 2.5   | 28.14 | 69.47 | 1.34 | 4.85 | 0 | 0.6  | 44.35 |
| 2.518 | 28.14 | 69.49 | 1.18 | 4.96 | 0 | 0.72 | 44.37 |
| 2.533 | 28.14 | 69.5  | 1.37 | 5.09 | 0 | 0.71 | 44.37 |
| 2.547 | 28.14 | 69.49 | 1.18 | 5.22 | 0 | 0.65 | 44.37 |
| 2.569 | 28.14 | 69.51 | 1.22 | 5.31 | 0 | 0.68 | 44.38 |
| 2.594 | 28.14 | 69.51 | 1.07 | 5.36 | 0 | 0.73 | 44.38 |
| 2.611 | 28.14 | 69.51 | 1.34 | 5.39 | 0 | 0.72 | 44.38 |
| 2.625 | 28.14 | 69.53 | 0.99 | 5.41 | 0 | 0.64 | 44.4  |
| 2.654 | 28.14 | 69.53 | 1.37 | 5.45 | 0 | 0.75 | 44.4  |
| 2.69  | 28.15 | 69.53 | 1.26 | 5.5  | 0 | 0.85 | 44.39 |
| 2.721 | 28.14 | 69.53 | 0.99 | 5.55 | 0 | 0.71 | 44.39 |
| 2.727 | 28.14 | 69.54 | 1.34 | 5.67 | 0 | 0.73 | 44.4  |
| 2.75  | 28.14 | 69.55 | 1.26 | 5.71 | 0 | 0.71 | 44.41 |
| 2.805 | 28.15 | 69.55 | 1.18 | 5.75 | 0 | 0.66 | 44.4  |
| 2.829 | 28.15 | 69.56 | 1.45 | 5.79 | 0 | 0.69 | 44.41 |
| 2.839 | 28.15 | 69.57 | 1.26 | 5.79 | 0 | 0.71 | 44.41 |
| 2.91  | 28.15 | 69.56 | 1.03 | 5.79 | 0 | 0.79 | 44.41 |
| 2.939 | 28.16 | 69.58 | 1.56 | 5.97 | 0 | 0.66 | 44.42 |
| 2.996 | 28.16 | 69.57 | 1.26 | 6.0  | 0 | 0.79 | 44.41 |
| 3.046 | 28.16 | 69.57 | 1.64 | 6.04 | 0 | 0.74 | 44.41 |
| 3.055 | 28.16 | 69.58 | 1.53 | 6.1  | 0 | 0.68 | 44.41 |
| 3.068 | 28.16 | 69.58 | 1.11 | 6.05 | 0 | 0.71 | 44.41 |
| 3.108 | 28.16 | 69.57 | 1.26 | 6.02 | 0 | 0.77 | 44.41 |
| 3.13  | 28.16 | 69.58 | 1.34 | 6.05 | 0 | 0.74 | 44.41 |
| 3.157 | 28.16 | 69.58 | 1.41 | 6.05 | 0 | 0.66 | 44.41 |
| 3.215 | 28.16 | 69.58 | 1.56 | 6.07 | 0 | 0.66 | 44.41 |
| 3.22  | 28.16 | 69.58 | 1.83 | 6.06 | 0 | 0.77 | 44.42 |
| 3.264 | 28.16 | 69.58 | 1.68 | 6.07 | 0 | 0.72 | 44.42 |
| 3.345 | 28.16 | 69.58 | 1.41 | 6.09 | 0 | 0.74 | 44.42 |
| 3.349 | 28.16 | 69.59 | 1.34 | 6.1  | 0 | 0.76 | 44.42 |
| 3.389 | 28.16 | 69.58 | 1.68 | 6.09 | 0 | 0.72 | 44.42 |
| 3.445 | 28.16 | 69.58 | 1.53 | 6.09 | 0 | 0.63 | 44.42 |
| 3.496 | 28.16 | 69.59 | 0.99 | 6.08 | 0 | 0.74 | 44.42 |
| 3.52  | 28.16 | 69.59 | 1.3  | 6.12 | 0 | 0.72 | 44.42 |
| 3.581 | 28.16 | 69.59 | 1.83 | 6.18 | 0 | 0.92 | 44.42 |
| 3.629 | 28.16 | 69.59 | 1.53 | 6.21 | 0 | 0.76 | 44.42 |
| 3.645 | 28.16 | 69.59 | 1.18 | 6.23 | 0 | 0.71 | 44.42 |
| 3.656 | 28.16 | 69.59 | 1.11 | 6.24 | 0 | 0.78 | 44.42 |
| 3.681 | 28.16 | 69.59 | 1.41 | 6.25 | 0 | 0.78 | 44.42 |
| 3.714 | 28.16 | 69.59 | 1.41 | 6.27 | 0 | 0.65 | 44.42 |
| 3.738 | 28.16 | 69.59 | 1.11 | 6.29 | 0 | 0.68 | 44.42 |
| 3.754 | 28.16 | 69.59 | 1.34 | 6.32 | 0 | 0.72 | 44.42 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.778 | 28.16 | 69.59 | 1.41 | 6.34 | 0 | 0.76 | 44.42 |
| 3.812 | 28.16 | 69.59 | 1.49 | 6.36 | 0 | 1.0  | 44.42 |
| 3.848 | 28.16 | 69.58 | 1.11 | 6.36 | 0 | 0.9  | 44.42 |
| 3.868 | 28.16 | 69.58 | 1.41 | 6.37 | 0 | 0.78 | 44.42 |
| 3.888 | 28.16 | 69.58 | 1.41 | 6.37 | 0 | 0.72 | 44.42 |
| 3.941 | 28.16 | 69.58 | 1.18 | 6.37 | 0 | 0.69 | 44.42 |
| 4.001 | 28.16 | 69.59 | 1.18 | 6.33 | 0 | 0.69 | 44.42 |
| 4.015 | 28.16 | 69.59 | 1.26 | 6.29 | 0 | 0.74 | 44.42 |
| 4.07  | 28.16 | 69.59 | 1.11 | 6.27 | 0 | 0.76 | 44.42 |
| 4.126 | 28.16 | 69.59 | 1.34 | 6.27 | 0 | 0.76 | 44.42 |
| 4.153 | 28.16 | 69.59 | 1.03 | 6.26 | 0 | 0.82 | 44.42 |
| 4.166 | 28.16 | 69.6  | 1.18 | 6.25 | 0 | 0.98 | 44.42 |
| 4.177 | 28.16 | 69.6  | 1.11 | 6.27 | 0 | 0.84 | 44.42 |
| 4.193 | 28.16 | 69.59 | 0.99 | 6.31 | 0 | 0.81 | 44.42 |
| 4.215 | 28.16 | 69.59 | 0.8  | 6.35 | 0 | 0.69 | 44.42 |
| 4.239 | 28.16 | 69.59 | 1.49 | 6.39 | 0 | 0.72 | 44.42 |
| 4.266 | 28.16 | 69.59 | 1.26 | 6.43 | 0 | 0.85 | 44.42 |
| 4.308 | 28.16 | 69.59 | 1.11 | 6.47 | 0 | 0.79 | 44.42 |
| 4.34  | 28.16 | 69.59 | 1.14 | 6.51 | 0 | 0.82 | 44.42 |
| 4.347 | 28.16 | 69.6  | 1.45 | 6.53 | 0 | 0.74 | 44.42 |
| 4.366 | 28.16 | 69.59 | 1.18 | 6.51 | 0 | 0.82 | 44.42 |
| 4.409 | 28.16 | 69.59 | 1.14 | 6.49 | 0 | 0.78 | 44.42 |
| 4.454 | 28.16 | 69.6  | 1.07 | 6.47 | 0 | 0.95 | 44.42 |
| 4.46  | 28.16 | 69.6  | 1.41 | 6.39 | 0 | 0.88 | 44.42 |
| 4.482 | 28.16 | 69.6  | 1.37 | 6.35 | 0 | 0.81 | 44.42 |
| 4.534 | 28.16 | 69.59 | 1.22 | 6.33 | 0 | 0.79 | 44.42 |
| 4.585 | 28.16 | 69.59 | 1.34 | 6.39 | 0 | 0.79 | 44.42 |
| 4.609 | 28.16 | 69.59 | 1.26 | 6.37 | 0 | 0.82 | 44.42 |
| 4.659 | 28.16 | 69.59 | 0.84 | 6.36 | 0 | 0.92 | 44.42 |
| 4.705 | 28.16 | 69.59 | 1.18 | 6.34 | 0 | 0.81 | 44.42 |
| 4.721 | 28.16 | 69.59 | 1.18 | 6.32 | 0 | 0.85 | 44.42 |
| 4.732 | 28.16 | 69.59 | 0.88 | 6.29 | 0 | 0.82 | 44.42 |
| 4.745 | 28.16 | 69.59 | 1.18 | 6.26 | 0 | 0.84 | 44.42 |
| 4.761 | 28.16 | 69.59 | 1.18 | 6.24 | 0 | 0.86 | 44.42 |
| 4.777 | 28.16 | 69.59 | 0.99 | 6.24 | 0 | 0.8  | 44.42 |
| 4.799 | 28.16 | 69.59 | 1.37 | 6.24 | 0 | 0.87 | 44.42 |
| 4.825 | 28.16 | 69.59 | 1.11 | 6.22 | 0 | 0.69 | 44.42 |
| 4.872 | 28.16 | 69.59 | 1.34 | 6.17 | 0 | 0.77 | 44.42 |
| 4.884 | 28.16 | 69.59 | 0.92 | 6.13 | 0 | 0.85 | 44.42 |
| 4.901 | 28.16 | 69.59 | 0.92 | 6.13 | 0 | 0.79 | 44.42 |
| 4.959 | 28.16 | 69.59 | 1.37 | 6.15 | 0 | 0.78 | 44.42 |
| 5.017 | 28.16 | 69.59 | 1.11 | 6.28 | 0 | 0.73 | 44.42 |
| 5.022 | 28.16 | 69.59 | 1.03 | 6.28 | 0 | 0.75 | 44.42 |
| 5.059 | 28.16 | 69.59 | 1.07 | 6.3  | 0 | 0.79 | 44.42 |
| 5.113 | 28.16 | 69.59 | 0.99 | 6.33 | 0 | 0.74 | 44.42 |
| 5.135 | 28.16 | 69.59 | 1.11 | 6.17 | 0 | 0.69 | 44.42 |
| 5.198 | 28.16 | 69.59 | 0.99 | 6.12 | 0 | 0.79 | 44.42 |
| 5.247 | 28.16 | 69.59 | 1.22 | 6.22 | 0 | 0.86 | 44.42 |
| 5.313 | 28.16 | 69.59 | 0.92 | 6.17 | 0 | 0.72 | 44.42 |
| 5.391 | 28.16 | 69.59 | 1.45 | 6.19 | 0 | 0.75 | 44.42 |
| 5.394 | 28.16 | 69.59 | 1.26 | 6.17 | 0 | 0.76 | 44.42 |
| 5.449 | 28.16 | 69.59 | 1.11 | 6.19 | 0 | 0.77 | 44.42 |
| 5.498 | 28.15 | 69.59 | 1.18 | 6.23 | 0 | 1.29 | 44.42 |
| 5.523 | 28.16 | 69.59 | 1.37 | 6.26 | 0 | 0.76 | 44.42 |
| 5.531 | 28.16 | 69.59 | 1.22 | 6.26 | 0 | 0.72 | 44.42 |
| 5.565 | 28.16 | 69.59 | 1.18 | 6.25 | 0 | 0.71 | 44.42 |
| 5.618 | 28.15 | 69.59 | 1.11 | 6.24 | 0 | 0.86 | 44.42 |
| 5.647 | 28.15 | 69.59 | 1.11 | 6.25 | 0 | 0.78 | 44.42 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.649 | 28.15 | 69.59 | 1.3  | 6.25 | 0 | 0.7  | 44.42 |
| 5.663 | 28.15 | 69.59 | 1.41 | 6.25 | 0 | 0.74 | 44.42 |
| 5.701 | 28.15 | 69.59 | 1.3  | 6.25 | 0 | 0.78 | 44.42 |
| 5.747 | 28.15 | 69.59 | 1.3  | 6.26 | 0 | 0.87 | 44.42 |
| 5.774 | 28.15 | 69.59 | 1.14 | 6.27 | 0 | 0.82 | 44.42 |
| 5.777 | 28.15 | 69.59 | 1.14 | 6.27 | 0 | 0.98 | 44.42 |
| 5.779 | 28.15 | 69.59 | 1.3  | 6.27 | 0 | 0.98 | 44.42 |
| 5.801 | 28.15 | 69.59 | 1.18 | 6.26 | 0 | 0.92 | 44.42 |
| 5.834 | 28.15 | 69.59 | 0.76 | 6.29 | 0 | 0.84 | 44.42 |
| 5.866 | 28.15 | 69.59 | 1.14 | 6.3  | 0 | 0.75 | 44.42 |
| 5.881 | 28.15 | 69.59 | 0.84 | 6.3  | 0 | 0.76 | 44.42 |
| 5.895 | 28.15 | 69.59 | 0.8  | 6.29 | 0 | 0.76 | 44.42 |
| 5.921 | 28.15 | 69.59 | 1.3  | 6.29 | 0 | 0.76 | 44.42 |
| 5.95  | 28.15 | 69.59 | 1.34 | 6.3  | 0 | 0.77 | 44.42 |
| 5.973 | 28.15 | 69.59 | 1.07 | 6.32 | 0 | 0.76 | 44.42 |
| 5.979 | 28.15 | 69.59 | 1.26 | 6.35 | 0 | 0.72 | 44.42 |
| 5.99  | 28.15 | 69.59 | 1.53 | 6.37 | 0 | 0.8  | 44.42 |
| 6.011 | 28.15 | 69.59 | 1.72 | 6.37 | 0 | 0.69 | 44.42 |
| 6.051 | 28.15 | 69.59 | 1.11 | 6.38 | 0 | 0.92 | 44.42 |
| 6.088 | 28.15 | 69.59 | 1.26 | 6.4  | 0 | 0.77 | 44.42 |
| 6.097 | 28.15 | 69.59 | 1.11 | 6.43 | 0 | 0.76 | 44.42 |
| 6.108 | 28.15 | 69.59 | 1.3  | 6.4  | 0 | 0.79 | 44.42 |
| 6.127 | 28.15 | 69.59 | 1.11 | 6.38 | 0 | 0.77 | 44.42 |
| 6.137 | 28.15 | 69.58 | 1.34 | 6.37 | 0 | 0.77 | 44.42 |
| 6.142 | 28.15 | 69.58 | 1.3  | 6.37 | 0 | 0.72 | 44.42 |
| 6.149 | 28.15 | 69.59 | 1.18 | 6.35 | 0 | 0.72 | 44.42 |



| 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                                                                       | 28.12      | 67.8                | 0.53           | 4.38           | 0                           | 0.6               | 43.13           |
| PROF (metros)                                                                | 0.72       | 0.74                | 4.374          | 2.482          | 0                           | 0.74              | 0.74            |
| MÁXIMO                                                                       | 28.38      | 28.38               | 1.49           | 6.16           | 0                           | 1.88              | 43.92           |
| PROF (metros)                                                                | 5.369      | 5.369               | 0.842          | 4.182          | 0                           | 2.186             | 5.345           |

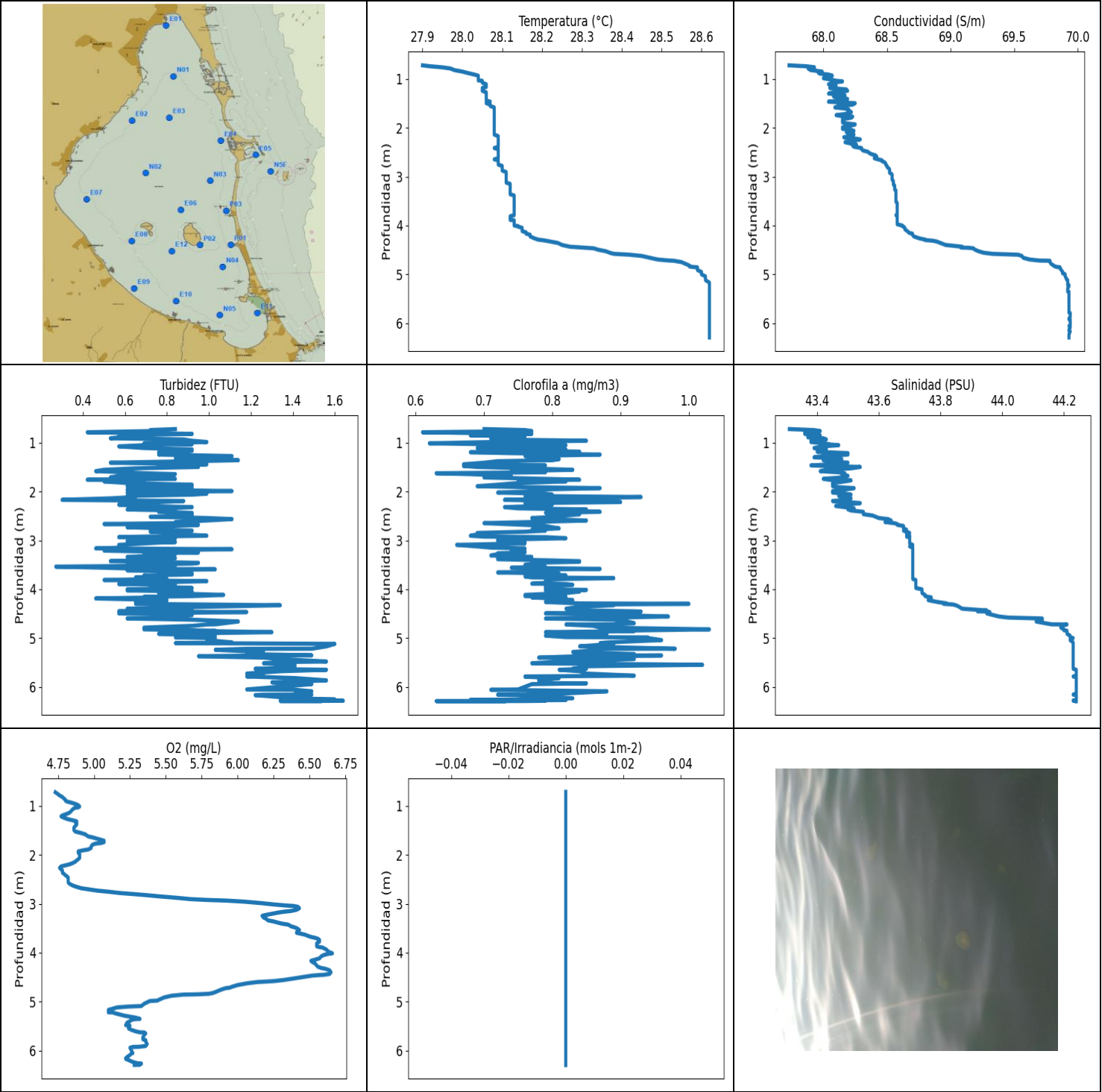
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E02 - Punto 003                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 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) |
| 0.72                                                           | 28.12      | 67.93               | 0.95           | 4.64           | 0                           | 0.69              | 43.26           |
| 0.74                                                           | 28.15      | 67.8                | 0.8            | 4.66           | 0                           | 0.6               | 43.13           |
| 0.765                                                          | 28.17      | 68.02               | 0.8            | 4.67           | 0                           | 0.76              | 43.27           |
| 0.791                                                          | 28.19      | 68.19               | 1.14           | 4.69           | 0                           | 0.95              | 43.38           |
| 0.816                                                          | 28.21      | 68.1                | 1.18           | 4.72           | 0                           | 0.84              | 43.3            |
| 0.842                                                          | 28.22      | 67.99               | 1.49           | 4.76           | 0                           | 0.65              | 43.2            |
| 0.854                                                          | 28.23      | 68.02               | 0.99           | 4.8            | 0                           | 0.79              | 43.22           |
| 0.874                                                          | 28.24      | 68.26               | 1.3            | 4.79           | 0                           | 0.69              | 43.38           |
| 0.903                                                          | 28.25      | 68.42               | 0.88           | 4.77           | 0                           | 0.72              | 43.49           |
| 0.93                                                           | 28.26      | 68.18               | 0.88           | 4.78           | 0                           | 0.84              | 43.31           |
| 0.956                                                          | 28.26      | 68.11               | 0.92           | 4.79           | 0                           | 0.79              | 43.25           |
| 0.979                                                          | 28.26      | 68.24               | 0.92           | 4.79           | 0                           | 0.72              | 43.34           |
| 0.999                                                          | 28.27      | 68.31               | 0.92           | 4.78           | 0                           | 0.89              | 43.39           |
| 1.019                                                          | 28.27      | 68.26               | 1.07           | 4.77           | 0                           | 0.79              | 43.35           |
| 1.047                                                          | 28.27      | 68.3                | 0.76           | 4.75           | 0                           | 0.67              | 43.38           |
| 1.068                                                          | 28.27      | 68.31               | 1.14           | 4.77           | 0                           | 0.67              | 43.39           |
| 1.09                                                           | 28.27      | 68.24               | 0.99           | 4.76           | 0                           | 0.72              | 43.34           |
| 1.112                                                          | 28.27      | 68.4                | 0.92           | 4.73           | 0                           | 0.68              | 43.46           |
| 1.139                                                          | 28.27      | 68.52               | 0.99           | 4.71           | 0                           | 0.76              | 43.54           |
| 1.177                                                          | 28.27      | 68.33               | 0.8            | 4.69           | 0                           | 0.75              | 43.4            |
| 1.195                                                          | 28.28      | 68.25               | 1.03           | 4.69           | 0                           | 0.74              | 43.34           |
| 1.217                                                          | 28.27      | 68.43               | 0.99           | 4.68           | 0                           | 0.74              | 43.48           |
| 1.244                                                          | 28.27      | 68.54               | 0.99           | 4.66           | 0                           | 0.71              | 43.56           |
| 1.264                                                          | 28.27      | 68.41               | 0.76           | 4.65           | 0                           | 0.74              | 43.46           |
| 1.288                                                          | 28.28      | 68.4                | 0.99           | 4.65           | 0                           | 0.94              | 43.45           |
| 1.315                                                          | 28.28      | 68.5                | 0.92           | 4.65           | 0                           | 0.89              | 43.52           |
| 1.349                                                          | 28.28      | 68.51               | 0.88           | 4.64           | 0                           | 0.85              | 43.52           |
| 1.377                                                          | 28.28      | 68.4                | 0.95           | 4.64           | 0                           | 0.71              | 43.44           |
| 1.4                                                            | 28.28      | 68.33               | 0.92           | 4.65           | 0                           | 0.87              | 43.39           |
| 1.413                                                          | 28.29      | 68.44               | 0.76           | 4.64           | 0                           | 0.84              | 43.47           |
| 1.435                                                          | 28.29      | 68.58               | 0.76           | 4.61           | 0                           | 0.76              | 43.57           |
| 1.467                                                          | 28.29      | 68.59               | 0.57           | 4.6            | 0                           | 0.83              | 43.57           |
| 1.505                                                          | 28.29      | 68.43               | 0.69           | 4.61           | 0                           | 1.0               | 43.46           |
| 1.531                                                          | 28.29      | 68.36               | 0.99           | 4.63           | 0                           | 1.06              | 43.41           |
| 1.551                                                          | 28.29      | 68.53               | 0.69           | 4.62           | 0                           | 0.81              | 43.53           |
| 1.578                                                          | 28.28      | 68.59               | 0.99           | 4.61           | 0                           | 0.84              | 43.58           |
| 1.602                                                          | 28.28      | 68.45               | 1.34           | 4.63           | 0                           | 0.85              | 43.48           |
| 1.627                                                          | 28.29      | 68.45               | 1.11           | 4.64           | 0                           | 0.94              | 43.48           |
| 1.654                                                          | 28.29      | 68.55               | 0.99           | 4.66           | 0                           | 0.76              | 43.54           |
| 1.676                                                          | 28.29      | 68.51               | 0.76           | 4.68           | 0                           | 0.83              | 43.52           |
| 1.701                                                          | 28.29      | 68.51               | 0.95           | 4.7            | 0                           | 0.74              | 43.51           |
| 1.73                                                           | 28.29      | 68.53               | 0.92           | 4.72           | 0                           | 0.97              | 43.53           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.763 | 28.29 | 68.52 | 0.8  | 4.74 | 0 | 0.92 | 43.52 |
| 1.787 | 28.29 | 68.48 | 1.22 | 4.75 | 0 | 1.01 | 43.49 |
| 1.805 | 28.29 | 68.49 | 1.07 | 4.73 | 0 | 1.21 | 43.5  |
| 1.83  | 28.29 | 68.61 | 1.18 | 4.71 | 0 | 1.71 | 43.59 |
| 1.859 | 28.29 | 68.67 | 0.99 | 4.69 | 0 | 1.05 | 43.63 |
| 1.892 | 28.29 | 68.55 | 0.88 | 4.69 | 0 | 0.98 | 43.55 |
| 1.915 | 28.29 | 68.46 | 0.88 | 4.7  | 0 | 1.24 | 43.48 |
| 1.937 | 28.29 | 68.54 | 1.22 | 4.69 | 0 | 0.88 | 43.54 |
| 1.957 | 28.29 | 68.65 | 1.07 | 4.66 | 0 | 0.91 | 43.61 |
| 1.984 | 28.29 | 68.6  | 0.84 | 4.63 | 0 | 0.84 | 43.58 |
| 2.019 | 28.29 | 68.55 | 0.76 | 4.6  | 0 | 0.77 | 43.54 |
| 2.041 | 28.29 | 68.55 | 1.49 | 4.55 | 0 | 0.83 | 43.54 |
| 2.072 | 28.29 | 68.51 | 1.03 | 4.5  | 0 | 0.84 | 43.51 |
| 2.093 | 28.29 | 68.57 | 0.92 | 4.45 | 0 | 0.73 | 43.56 |
| 2.115 | 28.29 | 68.63 | 0.8  | 4.41 | 0 | 0.79 | 43.6  |
| 2.139 | 28.29 | 68.6  | 1.11 | 4.4  | 0 | 0.79 | 43.58 |
| 2.16  | 28.29 | 68.57 | 0.76 | 4.41 | 0 | 0.98 | 43.56 |
| 2.186 | 28.29 | 68.57 | 0.8  | 4.43 | 0 | 1.88 | 43.56 |
| 2.215 | 28.29 | 68.59 | 0.99 | 4.44 | 0 | 1.43 | 43.58 |
| 2.246 | 28.29 | 68.58 | 0.92 | 4.45 | 0 | 1.17 | 43.56 |
| 2.269 | 28.29 | 68.58 | 0.92 | 4.44 | 0 | 0.98 | 43.57 |
| 2.293 | 28.29 | 68.62 | 0.84 | 4.43 | 0 | 0.75 | 43.6  |
| 2.315 | 28.28 | 68.63 | 0.69 | 4.42 | 0 | 0.85 | 43.61 |
| 2.34  | 28.28 | 68.62 | 0.76 | 4.41 | 0 | 0.72 | 43.6  |
| 2.36  | 28.28 | 68.61 | 0.8  | 4.4  | 0 | 0.76 | 43.59 |
| 2.393 | 28.28 | 68.67 | 0.69 | 4.4  | 0 | 0.95 | 43.64 |
| 2.422 | 28.28 | 68.65 | 0.84 | 4.39 | 0 | 0.77 | 43.62 |
| 2.444 | 28.28 | 68.56 | 0.8  | 4.4  | 0 | 1.08 | 43.55 |
| 2.46  | 28.28 | 68.7  | 0.92 | 4.4  | 0 | 0.87 | 43.66 |
| 2.482 | 28.29 | 68.83 | 0.76 | 4.38 | 0 | 0.76 | 43.75 |
| 2.509 | 28.29 | 68.78 | 0.84 | 4.39 | 0 | 0.86 | 43.71 |
| 2.536 | 28.29 | 68.76 | 0.95 | 4.42 | 0 | 0.82 | 43.7  |
| 2.556 | 28.3  | 68.88 | 1.07 | 4.46 | 0 | 0.76 | 43.78 |
| 2.58  | 28.31 | 68.91 | 1.14 | 4.54 | 0 | 0.82 | 43.79 |
| 2.611 | 28.31 | 68.87 | 1.26 | 4.67 | 0 | 0.79 | 43.76 |
| 2.636 | 28.31 | 68.9  | 0.8  | 4.81 | 0 | 0.89 | 43.78 |
| 2.654 | 28.31 | 68.96 | 0.61 | 4.93 | 0 | 0.92 | 43.81 |
| 2.676 | 28.32 | 68.94 | 0.92 | 5.03 | 0 | 0.79 | 43.8  |
| 2.696 | 28.32 | 68.95 | 0.88 | 5.1  | 0 | 0.89 | 43.8  |
| 2.718 | 28.32 | 68.97 | 0.84 | 5.12 | 0 | 0.69 | 43.82 |
| 2.738 | 28.32 | 68.97 | 0.72 | 5.13 | 0 | 0.85 | 43.82 |
| 2.767 | 28.32 | 68.99 | 0.92 | 5.12 | 0 | 0.87 | 43.83 |
| 2.796 | 28.32 | 68.99 | 1.07 | 5.1  | 0 | 0.72 | 43.83 |
| 2.817 | 28.32 | 68.98 | 0.61 | 5.1  | 0 | 0.66 | 43.82 |
| 2.825 | 28.32 | 69.01 | 0.99 | 5.11 | 0 | 0.71 | 43.84 |
| 2.841 | 28.33 | 69.01 | 0.92 | 5.19 | 0 | 1.0  | 43.84 |
| 2.868 | 28.33 | 69.02 | 0.76 | 5.27 | 0 | 0.91 | 43.84 |
| 2.896 | 28.33 | 69.02 | 0.95 | 5.38 | 0 | 0.85 | 43.84 |
| 2.925 | 28.33 | 69.02 | 0.88 | 5.45 | 0 | 0.84 | 43.85 |
| 2.945 | 28.33 | 69.03 | 0.99 | 5.54 | 0 | 0.89 | 43.85 |
| 2.966 | 28.33 | 69.03 | 1.11 | 5.61 | 0 | 0.8  | 43.85 |
| 2.984 | 28.34 | 69.04 | 0.8  | 5.65 | 0 | 0.79 | 43.85 |
| 3.003 | 28.34 | 69.04 | 0.76 | 5.68 | 0 | 0.74 | 43.86 |
| 3.028 | 28.34 | 69.04 | 0.72 | 5.7  | 0 | 0.82 | 43.85 |
| 3.059 | 28.34 | 69.04 | 0.61 | 5.7  | 0 | 0.83 | 43.86 |
| 3.081 | 28.34 | 69.04 | 0.76 | 5.72 | 0 | 0.72 | 43.86 |
| 3.097 | 28.34 | 69.05 | 0.84 | 5.74 | 0 | 0.84 | 43.86 |
| 3.112 | 28.34 | 69.05 | 0.8  | 5.76 | 0 | 0.85 | 43.86 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.135 | 28.34 | 69.05 | 1.03 | 5.77 | 0 | 0.92 | 43.86 |
| 3.155 | 28.34 | 69.06 | 1.26 | 5.77 | 0 | 1.11 | 43.86 |
| 3.182 | 28.34 | 69.06 | 1.3  | 5.77 | 0 | 0.96 | 43.87 |
| 3.209 | 28.34 | 69.06 | 0.92 | 5.75 | 0 | 0.85 | 43.86 |
| 3.233 | 28.34 | 69.06 | 0.84 | 5.74 | 0 | 0.85 | 43.87 |
| 3.249 | 28.34 | 69.06 | 0.61 | 5.74 | 0 | 0.87 | 43.86 |
| 3.255 | 28.34 | 69.06 | 0.76 | 5.75 | 0 | 0.74 | 43.87 |
| 3.275 | 28.34 | 69.06 | 1.03 | 5.76 | 0 | 0.82 | 43.87 |
| 3.302 | 28.34 | 69.06 | 0.76 | 5.79 | 0 | 0.72 | 43.87 |
| 3.329 | 28.34 | 69.06 | 0.69 | 5.81 | 0 | 0.71 | 43.87 |
| 3.351 | 28.34 | 69.06 | 0.8  | 5.84 | 0 | 0.76 | 43.87 |
| 3.364 | 28.34 | 69.06 | 0.95 | 5.86 | 0 | 0.78 | 43.87 |
| 3.378 | 28.34 | 69.06 | 0.99 | 5.87 | 0 | 0.72 | 43.87 |
| 3.394 | 28.34 | 69.06 | 0.69 | 5.86 | 0 | 0.85 | 43.87 |
| 3.413 | 28.34 | 69.07 | 0.72 | 5.84 | 0 | 0.79 | 43.87 |
| 3.44  | 28.34 | 69.07 | 0.88 | 5.85 | 0 | 0.79 | 43.87 |
| 3.474 | 28.34 | 69.06 | 0.99 | 5.86 | 0 | 0.72 | 43.87 |
| 3.494 | 28.34 | 69.06 | 1.03 | 5.89 | 0 | 0.71 | 43.87 |
| 3.512 | 28.34 | 69.06 | 0.76 | 5.92 | 0 | 0.63 | 43.87 |
| 3.518 | 28.34 | 69.07 | 0.95 | 5.94 | 0 | 0.82 | 43.87 |
| 3.532 | 28.34 | 69.07 | 0.92 | 5.98 | 0 | 0.79 | 43.87 |
| 3.558 | 28.34 | 69.07 | 0.92 | 6.0  | 0 | 0.76 | 43.87 |
| 3.581 | 28.34 | 69.07 | 0.92 | 6.0  | 0 | 0.96 | 43.87 |
| 3.599 | 28.34 | 69.07 | 0.76 | 6.0  | 0 | 0.86 | 43.87 |
| 3.609 | 28.34 | 69.07 | 0.65 | 6.0  | 0 | 0.77 | 43.87 |
| 3.625 | 28.34 | 69.07 | 0.69 | 6.02 | 0 | 0.71 | 43.87 |
| 3.643 | 28.34 | 69.07 | 0.84 | 6.03 | 0 | 0.69 | 43.87 |
| 3.661 | 28.34 | 69.07 | 0.92 | 6.04 | 0 | 0.79 | 43.87 |
| 3.686 | 28.34 | 69.07 | 1.22 | 6.03 | 0 | 0.75 | 43.87 |
| 3.719 | 28.34 | 69.07 | 1.22 | 6.02 | 0 | 0.8  | 43.87 |
| 3.748 | 28.34 | 69.06 | 0.92 | 6.01 | 0 | 0.78 | 43.87 |
| 3.77  | 28.34 | 69.06 | 0.84 | 6.01 | 0 | 0.72 | 43.87 |
| 3.779 | 28.34 | 69.07 | 0.88 | 6.02 | 0 | 0.66 | 43.87 |
| 3.792 | 28.34 | 69.07 | 0.92 | 6.04 | 0 | 0.71 | 43.87 |
| 3.813 | 28.34 | 69.07 | 1.14 | 6.07 | 0 | 0.76 | 43.87 |
| 3.85  | 28.34 | 69.07 | 0.99 | 6.07 | 0 | 0.78 | 43.87 |
| 3.882 | 28.34 | 69.07 | 1.07 | 6.09 | 0 | 0.76 | 43.88 |
| 3.911 | 28.34 | 69.07 | 0.88 | 6.11 | 0 | 0.82 | 43.88 |
| 3.928 | 28.34 | 69.07 | 0.88 | 6.13 | 0 | 0.79 | 43.88 |
| 3.939 | 28.34 | 69.07 | 0.99 | 6.13 | 0 | 0.76 | 43.88 |
| 3.957 | 28.34 | 69.07 | 0.84 | 6.1  | 0 | 0.75 | 43.88 |
| 3.98  | 28.34 | 69.07 | 0.69 | 6.1  | 0 | 0.81 | 43.88 |
| 4.015 | 28.34 | 69.07 | 0.61 | 6.1  | 0 | 0.84 | 43.88 |
| 4.047 | 28.34 | 69.07 | 0.88 | 6.11 | 0 | 0.85 | 43.88 |
| 4.071 | 28.34 | 69.07 | 0.92 | 6.11 | 0 | 0.76 | 43.88 |
| 4.089 | 28.34 | 69.07 | 0.92 | 6.13 | 0 | 0.84 | 43.88 |
| 4.1   | 28.34 | 69.07 | 0.88 | 6.14 | 0 | 0.8  | 43.88 |
| 4.116 | 28.34 | 69.07 | 0.84 | 6.14 | 0 | 0.82 | 43.88 |
| 4.147 | 28.34 | 69.07 | 0.92 | 6.15 | 0 | 0.79 | 43.88 |
| 4.182 | 28.34 | 69.07 | 0.92 | 6.16 | 0 | 0.77 | 43.88 |
| 4.214 | 28.34 | 69.07 | 1.11 | 6.15 | 0 | 0.85 | 43.88 |
| 4.232 | 28.34 | 69.07 | 0.84 | 6.16 | 0 | 0.91 | 43.88 |
| 4.249 | 28.34 | 69.07 | 0.76 | 6.15 | 0 | 0.9  | 43.88 |
| 4.262 | 28.34 | 69.07 | 0.72 | 6.14 | 0 | 0.69 | 43.88 |
| 4.283 | 28.34 | 69.07 | 1.18 | 6.14 | 0 | 0.79 | 43.88 |
| 4.314 | 28.34 | 69.07 | 0.92 | 6.14 | 0 | 0.82 | 43.88 |
| 4.343 | 28.34 | 69.07 | 0.69 | 6.14 | 0 | 0.76 | 43.88 |
| 4.374 | 28.34 | 69.08 | 0.53 | 6.14 | 0 | 0.76 | 43.88 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.396 | 28.34 | 69.08 | 0.84 | 6.13 | 0 | 0.81 | 43.88 |
| 4.412 | 28.34 | 69.08 | 0.8  | 6.13 | 0 | 0.67 | 43.88 |
| 4.425 | 28.34 | 69.08 | 0.88 | 6.12 | 0 | 0.66 | 43.88 |
| 4.439 | 28.34 | 69.08 | 0.99 | 6.1  | 0 | 0.81 | 43.88 |
| 4.467 | 28.34 | 69.08 | 0.84 | 6.05 | 0 | 0.78 | 43.88 |
| 4.505 | 28.34 | 69.08 | 1.11 | 6.02 | 0 | 0.74 | 43.88 |
| 4.539 | 28.34 | 69.09 | 0.88 | 6.0  | 0 | 0.66 | 43.88 |
| 4.554 | 28.34 | 69.08 | 0.88 | 5.96 | 0 | 0.69 | 43.88 |
| 4.565 | 28.34 | 69.08 | 0.92 | 5.95 | 0 | 0.79 | 43.88 |
| 4.577 | 28.34 | 69.09 | 0.69 | 5.92 | 0 | 0.82 | 43.88 |
| 4.605 | 28.34 | 69.09 | 0.88 | 5.89 | 0 | 0.96 | 43.89 |
| 4.648 | 28.34 | 69.09 | 1.22 | 5.88 | 0 | 1.02 | 43.89 |
| 4.686 | 28.35 | 69.11 | 0.8  | 5.89 | 0 | 0.84 | 43.89 |
| 4.708 | 28.35 | 69.11 | 0.65 | 5.89 | 0 | 0.76 | 43.9  |
| 4.71  | 28.35 | 69.11 | 1.07 | 5.88 | 0 | 0.82 | 43.89 |
| 4.715 | 28.35 | 69.11 | 0.72 | 5.86 | 0 | 0.78 | 43.89 |
| 4.732 | 28.35 | 69.11 | 0.76 | 5.83 | 0 | 0.8  | 43.89 |
| 4.766 | 28.35 | 69.11 | 0.72 | 5.82 | 0 | 0.77 | 43.89 |
| 4.806 | 28.36 | 69.12 | 0.92 | 5.85 | 0 | 0.85 | 43.9  |
| 4.835 | 28.36 | 69.12 | 0.99 | 5.87 | 0 | 0.77 | 43.9  |
| 4.842 | 28.36 | 69.12 | 0.84 | 5.92 | 0 | 0.78 | 43.89 |
| 4.846 | 28.36 | 69.12 | 0.8  | 5.93 | 0 | 0.81 | 43.89 |
| 4.868 | 28.36 | 69.12 | 0.84 | 5.93 | 0 | 0.74 | 43.89 |
| 4.89  | 28.36 | 69.12 | 1.26 | 5.94 | 0 | 0.79 | 43.89 |
| 4.92  | 28.36 | 69.12 | 1.11 | 5.95 | 0 | 0.78 | 43.89 |
| 4.949 | 28.36 | 69.13 | 0.92 | 5.95 | 0 | 0.76 | 43.9  |
| 4.975 | 28.36 | 69.13 | 0.99 | 5.93 | 0 | 0.82 | 43.9  |
| 4.988 | 28.36 | 69.13 | 0.99 | 5.93 | 0 | 0.69 | 43.9  |
| 4.998 | 28.36 | 69.13 | 1.18 | 5.9  | 0 | 0.76 | 43.9  |
| 5.009 | 28.36 | 69.13 | 0.69 | 5.87 | 0 | 0.7  | 43.9  |
| 5.035 | 28.36 | 69.13 | 0.69 | 5.87 | 0 | 0.91 | 43.9  |
| 5.067 | 28.36 | 69.13 | 0.69 | 5.87 | 0 | 0.95 | 43.9  |
| 5.094 | 28.36 | 69.14 | 1.03 | 5.89 | 0 | 0.92 | 43.9  |
| 5.114 | 28.36 | 69.15 | 1.22 | 5.9  | 0 | 0.78 | 43.91 |
| 5.123 | 28.37 | 69.14 | 0.88 | 5.9  | 0 | 0.69 | 43.9  |
| 5.129 | 28.37 | 69.14 | 1.26 | 5.87 | 0 | 0.79 | 43.9  |
| 5.145 | 28.37 | 69.14 | 0.99 | 5.83 | 0 | 0.76 | 43.9  |
| 5.171 | 28.37 | 69.14 | 0.99 | 5.79 | 0 | 0.76 | 43.9  |
| 5.203 | 28.37 | 69.15 | 0.8  | 5.78 | 0 | 0.79 | 43.91 |
| 5.231 | 28.37 | 69.16 | 1.26 | 5.76 | 0 | 0.63 | 43.91 |
| 5.245 | 28.37 | 69.16 | 0.84 | 5.76 | 0 | 0.87 | 43.91 |
| 5.256 | 28.37 | 69.16 | 1.07 | 5.76 | 0 | 0.78 | 43.91 |
| 5.265 | 28.37 | 69.16 | 1.18 | 5.76 | 0 | 0.79 | 43.91 |
| 5.285 | 28.37 | 69.16 | 1.14 | 5.76 | 0 | 0.95 | 43.91 |
| 5.316 | 28.37 | 69.16 | 0.84 | 5.76 | 0 | 0.79 | 43.91 |
| 5.345 | 28.37 | 69.18 | 1.03 | 5.76 | 0 | 0.79 | 43.92 |
| 5.369 | 28.38 | 69.19 | 0.8  | 5.75 | 0 | 0.79 | 43.92 |
| 5.381 | 28.38 | 69.18 | 0.61 | 5.75 | 0 | 0.79 | 43.92 |
| 5.385 | 28.38 | 69.18 | 1.07 | 5.74 | 0 | 0.79 | 43.91 |
| 5.394 | 28.38 | 69.18 | 0.95 | 5.73 | 0 | 0.82 | 43.91 |
| 5.399 | 28.38 | 69.18 | 1.07 | 5.7  | 0 | 0.71 | 43.92 |
| 5.401 | 28.38 | 69.19 | 0.92 | 5.69 | 0 | 0.69 | 43.92 |
| 5.403 | 28.38 | 69.19 | 0.95 | 5.68 | 0 | 0.65 | 43.92 |
| 5.405 | 28.38 | 69.19 | 0.72 | 5.63 | 0 | 0.65 | 43.92 |
| 5.41  | 28.38 | 69.19 | 0.84 | 5.62 | 0 | 0.68 | 43.92 |



| 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                                                                       | 27.9       | 67.73               | 0.27           | 4.73           | 0                           | 0.61              | 43.31           |
| PROF (metros)                                                                | 0.718      | 0.718               | 3.536          | 0.718          | 0                           | 0.783             | 0.718           |
| MÁXIMO                                                                       | 28.62      | 28.62               | 1.64           | 6.66           | 0                           | 1.03              | 44.24           |
| PROF (metros)                                                                | 5.169      | 5.792               | 6.284          | 4.012          | 0                           | 4.821             | 5.649           |



| 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) |

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

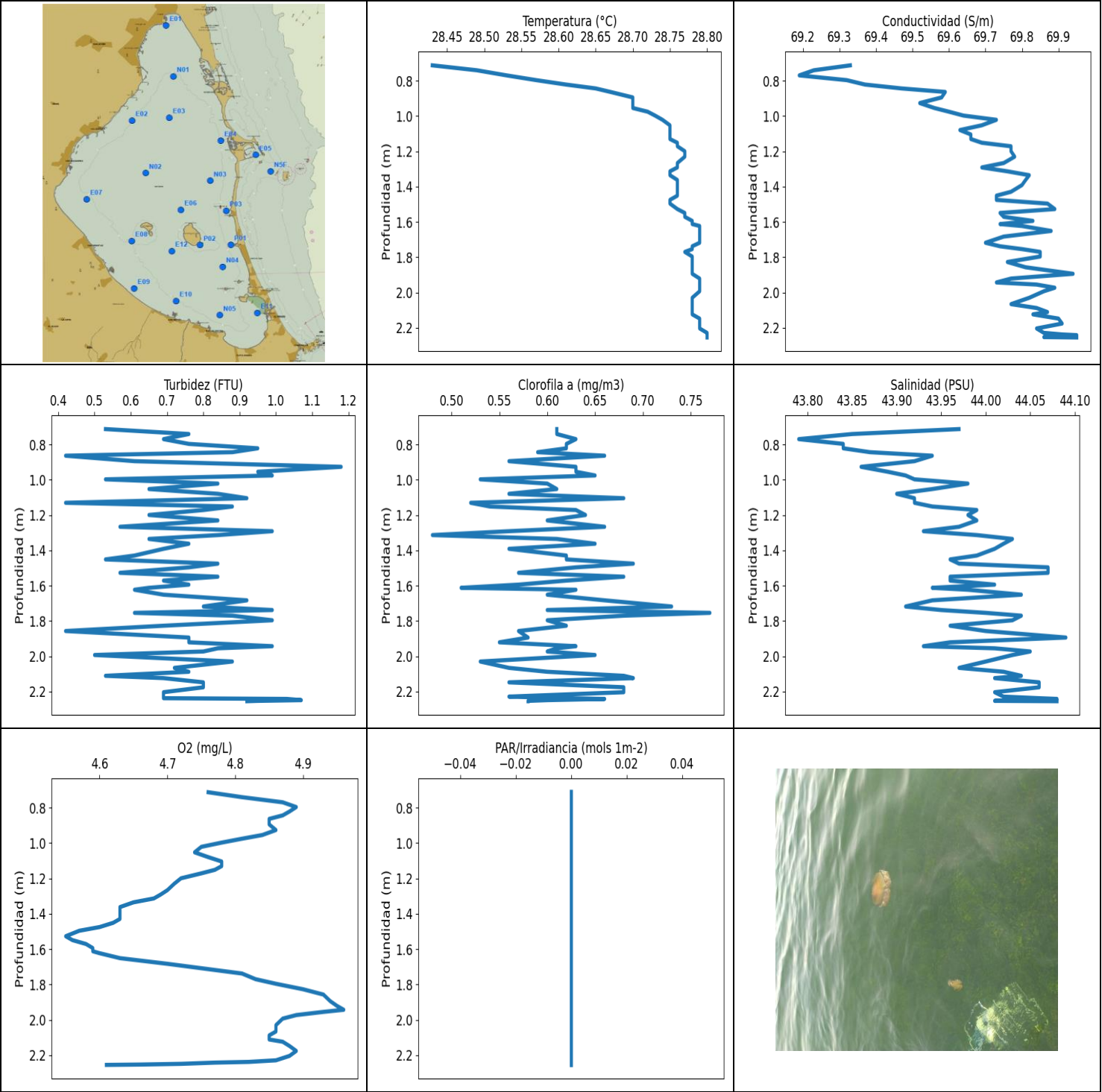
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.718                                                          | 27.9       | 67.73               | 0.84           | 4.73           | 0                           | 0.7               | 43.31           |
| 0.738                                                          | 27.92      | 67.87               | 0.72           | 4.74           | 0                           | 0.76              | 43.39           |
| 0.759                                                          | 27.95      | 67.93               | 0.72           | 4.75           | 0                           | 0.77              | 43.41           |
| 0.783                                                          | 27.97      | 67.88               | 0.42           | 4.76           | 0                           | 0.61              | 43.36           |
| 0.816                                                          | 27.98      | 67.9                | 0.92           | 4.78           | 0                           | 0.77              | 43.36           |
| 0.846                                                          | 28.0       | 67.99               | 0.61           | 4.79           | 0                           | 0.68              | 43.41           |
| 0.868                                                          | 28.01      | 67.96               | 0.57           | 4.8            | 0                           | 0.76              | 43.37           |
| 0.887                                                          | 28.02      | 67.97               | 0.57           | 4.8            | 0                           | 0.73              | 43.37           |
| 0.907                                                          | 28.03      | 68.04               | 0.53           | 4.81           | 0                           | 0.71              | 43.42           |
| 0.93                                                           | 28.04      | 68.07               | 0.88           | 4.84           | 0                           | 0.71              | 43.43           |
| 0.957                                                          | 28.04      | 68.01               | 0.92           | 4.87           | 0                           | 0.85              | 43.38           |
| 0.983                                                          | 28.04      | 68.0                | 0.99           | 4.89           | 0                           | 0.71              | 43.38           |
| 1.01                                                           | 28.04      | 68.06               | 0.69           | 4.9            | 0                           | 0.62              | 43.42           |
| 1.028                                                          | 28.04      | 68.09               | 0.92           | 4.89           | 0                           | 0.71              | 43.44           |
| 1.034                                                          | 28.05      | 68.1                | 0.69           | 4.87           | 0                           | 0.73              | 43.44           |
| 1.048                                                          | 28.05      | 68.15               | 0.69           | 4.86           | 0                           | 0.82              | 43.47           |
| 1.072                                                          | 28.05      | 68.08               | 0.57           | 4.85           | 0                           | 0.72              | 43.42           |
| 1.106                                                          | 28.06      | 68.04               | 0.69           | 4.84           | 0                           | 0.69              | 43.39           |
| 1.135                                                          | 28.06      | 68.1                | 0.92           | 4.83           | 0                           | 0.82              | 43.43           |
| 1.161                                                          | 28.06      | 68.08               | 0.92           | 4.81           | 0                           | 0.78              | 43.42           |
| 1.181                                                          | 28.05      | 68.05               | 0.88           | 4.79           | 0                           | 0.84              | 43.4            |
| 1.192                                                          | 28.05      | 68.09               | 0.76           | 4.78           | 0                           | 0.68              | 43.43           |
| 1.211                                                          | 28.05      | 68.18               | 0.8            | 4.77           | 0                           | 0.74              | 43.5            |
| 1.24                                                           | 28.05      | 68.19               | 0.76           | 4.79           | 0                           | 0.87              | 43.5            |
| 1.271                                                          | 28.06      | 68.08               | 1.11           | 4.82           | 0                           | 0.76              | 43.42           |
| 1.297                                                          | 28.06      | 68.04               | 0.99           | 4.86           | 0                           | 0.8               | 43.39           |
| 1.315                                                          | 28.06      | 68.14               | 0.84           | 4.88           | 0                           | 0.79              | 43.46           |
| 1.333                                                          | 28.06      | 68.17               | 0.95           | 4.87           | 0                           | 0.81              | 43.48           |
| 1.356                                                          | 28.06      | 68.08               | 1.14           | 4.88           | 0                           | 0.8               | 43.42           |
| 1.376                                                          | 28.06      | 68.11               | 0.92           | 4.88           | 0                           | 0.72              | 43.44           |
| 1.407                                                          | 28.06      | 68.19               | 0.53           | 4.87           | 0                           | 0.7               | 43.5            |
| 1.44                                                           | 28.06      | 68.14               | 0.99           | 4.86           | 0                           | 0.67              | 43.45           |
| 1.462                                                          | 28.07      | 68.04               | 0.76           | 4.86           | 0                           | 0.79              | 43.38           |
| 1.474                                                          | 28.06      | 68.11               | 0.76           | 4.86           | 0                           | 0.67              | 43.43           |
| 1.494                                                          | 28.06      | 68.25               | 0.95           | 4.86           | 0                           | 0.69              | 43.54           |
| 1.522                                                          | 28.07      | 68.23               | 0.65           | 4.87           | 0                           | 0.76              | 43.51           |
| 1.552                                                          | 28.07      | 68.12               | 0.5            | 4.91           | 0                           | 0.83              | 43.43           |
| 1.58                                                           | 28.08      | 68.09               | 0.46           | 4.94           | 0                           | 0.74              | 43.41           |
| 1.603                                                          | 28.08      | 68.17               | 0.61           | 4.95           | 0                           | 0.79              | 43.47           |
| 1.623                                                          | 28.08      | 68.2                | 0.69           | 4.96           | 0                           | 0.63              | 43.49           |
| 1.641                                                          | 28.08      | 68.19               | 0.84           | 4.99           | 0                           | 0.68              | 43.48           |
| 1.676                                                          | 28.08      | 68.22               | 0.57           | 5.03           | 0                           | 0.74              | 43.5            |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.709 | 28.08 | 68.19 | 0.53 | 5.07 | 0 | 0.7  | 43.48 |
| 1.738 | 28.08 | 68.1  | 0.84 | 5.07 | 0 | 0.79 | 43.42 |
| 1.756 | 28.08 | 68.14 | 0.42 | 5.05 | 0 | 0.84 | 43.44 |
| 1.769 | 28.08 | 68.23 | 0.69 | 5.01 | 0 | 0.75 | 43.51 |
| 1.79  | 28.08 | 68.22 | 0.5  | 4.99 | 0 | 0.82 | 43.49 |
| 1.823 | 28.08 | 68.15 | 0.61 | 4.98 | 0 | 0.75 | 43.45 |
| 1.858 | 28.08 | 68.15 | 0.92 | 4.98 | 0 | 0.72 | 43.45 |
| 1.888 | 28.08 | 68.15 | 0.61 | 4.96 | 0 | 0.69 | 43.45 |
| 1.908 | 28.08 | 68.18 | 0.92 | 4.92 | 0 | 0.76 | 43.47 |
| 1.928 | 28.08 | 68.25 | 0.84 | 4.89 | 0 | 0.87 | 43.52 |
| 1.957 | 28.08 | 68.21 | 0.61 | 4.89 | 0 | 0.78 | 43.49 |
| 1.988 | 28.08 | 68.15 | 1.11 | 4.9  | 0 | 0.78 | 43.45 |
| 2.019 | 28.08 | 68.15 | 0.61 | 4.9  | 0 | 0.72 | 43.45 |
| 2.041 | 28.08 | 68.22 | 0.99 | 4.9  | 0 | 0.79 | 43.49 |
| 2.061 | 28.08 | 68.24 | 0.92 | 4.9  | 0 | 0.8  | 43.51 |
| 2.088 | 28.08 | 68.18 | 0.61 | 4.89 | 0 | 0.76 | 43.47 |
| 2.11  | 28.08 | 68.2  | 0.65 | 4.88 | 0 | 0.93 | 43.48 |
| 2.137 | 28.08 | 68.24 | 0.53 | 4.87 | 0 | 0.84 | 43.51 |
| 2.168 | 28.09 | 68.22 | 0.3  | 4.85 | 0 | 0.73 | 43.5  |
| 2.191 | 28.09 | 68.16 | 0.88 | 4.83 | 0 | 0.82 | 43.45 |
| 2.213 | 28.09 | 68.23 | 0.76 | 4.8  | 0 | 0.9  | 43.5  |
| 2.235 | 28.09 | 68.29 | 0.76 | 4.77 | 0 | 0.76 | 43.54 |
| 2.266 | 28.09 | 68.23 | 0.57 | 4.76 | 0 | 0.8  | 43.49 |
| 2.293 | 28.09 | 68.17 | 0.69 | 4.77 | 0 | 0.78 | 43.46 |
| 2.317 | 28.09 | 68.21 | 0.92 | 4.78 | 0 | 0.73 | 43.49 |
| 2.342 | 28.09 | 68.26 | 0.8  | 4.78 | 0 | 0.75 | 43.52 |
| 2.364 | 28.09 | 68.23 | 0.61 | 4.78 | 0 | 0.85 | 43.5  |
| 2.386 | 28.09 | 68.24 | 0.84 | 4.79 | 0 | 0.82 | 43.51 |
| 2.413 | 28.08 | 68.3  | 0.76 | 4.8  | 0 | 0.87 | 43.55 |
| 2.435 | 28.09 | 68.3  | 0.92 | 4.81 | 0 | 0.79 | 43.55 |
| 2.462 | 28.09 | 68.31 | 0.92 | 4.82 | 0 | 0.84 | 43.55 |
| 2.489 | 28.09 | 68.35 | 0.92 | 4.82 | 0 | 0.82 | 43.58 |
| 2.514 | 28.09 | 68.36 | 0.72 | 4.82 | 0 | 0.81 | 43.59 |
| 2.54  | 28.09 | 68.38 | 0.99 | 4.82 | 0 | 0.77 | 43.6  |
| 2.562 | 28.09 | 68.41 | 1.11 | 4.82 | 0 | 0.79 | 43.63 |
| 2.591 | 28.09 | 68.42 | 0.99 | 4.83 | 0 | 0.85 | 43.64 |
| 2.622 | 28.09 | 68.4  | 0.84 | 4.85 | 0 | 0.77 | 43.62 |
| 2.645 | 28.08 | 68.43 | 0.84 | 4.87 | 0 | 0.7  | 43.65 |
| 2.663 | 28.09 | 68.46 | 0.5  | 4.89 | 0 | 0.73 | 43.66 |
| 2.68  | 28.09 | 68.46 | 0.95 | 4.91 | 0 | 0.76 | 43.66 |
| 2.703 | 28.09 | 68.48 | 0.84 | 4.96 | 0 | 0.79 | 43.68 |
| 2.729 | 28.09 | 68.49 | 0.61 | 5.02 | 0 | 0.8  | 43.68 |
| 2.752 | 28.09 | 68.49 | 0.8  | 5.1  | 0 | 0.81 | 43.68 |
| 2.779 | 28.1  | 68.5  | 0.72 | 5.18 | 0 | 0.77 | 43.69 |
| 2.799 | 28.1  | 68.5  | 0.92 | 5.27 | 0 | 0.79 | 43.68 |
| 2.821 | 28.1  | 68.51 | 0.72 | 5.36 | 0 | 0.76 | 43.69 |
| 2.846 | 28.1  | 68.52 | 0.88 | 5.45 | 0 | 0.69 | 43.7  |
| 2.875 | 28.1  | 68.52 | 0.88 | 5.57 | 0 | 0.69 | 43.69 |
| 2.903 | 28.11 | 68.52 | 0.99 | 5.67 | 0 | 0.68 | 43.7  |
| 2.921 | 28.11 | 68.52 | 0.69 | 5.79 | 0 | 0.7  | 43.69 |
| 2.932 | 28.11 | 68.53 | 0.57 | 5.91 | 0 | 0.79 | 43.7  |
| 2.954 | 28.11 | 68.54 | 0.84 | 6.04 | 0 | 0.82 | 43.7  |
| 2.984 | 28.11 | 68.54 | 0.8  | 6.16 | 0 | 0.72 | 43.7  |
| 3.012 | 28.11 | 68.54 | 0.61 | 6.25 | 0 | 0.72 | 43.7  |
| 3.032 | 28.11 | 68.54 | 0.84 | 6.33 | 0 | 0.76 | 43.7  |
| 3.044 | 28.11 | 68.54 | 0.76 | 6.39 | 0 | 0.74 | 43.7  |
| 3.061 | 28.11 | 68.54 | 0.69 | 6.42 | 0 | 0.76 | 43.7  |
| 3.09  | 28.11 | 68.55 | 0.57 | 6.43 | 0 | 0.66 | 43.71 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.122 | 28.11 | 68.55 | 0.57 | 6.41 | 0 | 0.69 | 43.7  |
| 3.146 | 28.12 | 68.55 | 0.61 | 6.37 | 0 | 0.71 | 43.71 |
| 3.162 | 28.12 | 68.55 | 0.46 | 6.32 | 0 | 0.76 | 43.71 |
| 3.18  | 28.12 | 68.56 | 1.11 | 6.28 | 0 | 0.76 | 43.71 |
| 3.208 | 28.12 | 68.56 | 0.5  | 6.23 | 0 | 0.74 | 43.71 |
| 3.231 | 28.12 | 68.56 | 0.76 | 6.19 | 0 | 0.76 | 43.71 |
| 3.246 | 28.12 | 68.56 | 0.95 | 6.17 | 0 | 0.76 | 43.71 |
| 3.262 | 28.12 | 68.56 | 0.69 | 6.18 | 0 | 0.72 | 43.71 |
| 3.28  | 28.12 | 68.57 | 0.84 | 6.18 | 0 | 0.72 | 43.71 |
| 3.307 | 28.12 | 68.57 | 0.76 | 6.2  | 0 | 0.71 | 43.71 |
| 3.337 | 28.12 | 68.57 | 0.61 | 6.21 | 0 | 0.77 | 43.71 |
| 3.36  | 28.12 | 68.57 | 0.84 | 6.25 | 0 | 0.72 | 43.71 |
| 3.384 | 28.13 | 68.57 | 0.72 | 6.28 | 0 | 0.72 | 43.71 |
| 3.406 | 28.13 | 68.57 | 0.72 | 6.31 | 0 | 0.79 | 43.71 |
| 3.424 | 28.13 | 68.57 | 0.53 | 6.35 | 0 | 0.84 | 43.71 |
| 3.436 | 28.13 | 68.57 | 0.69 | 6.36 | 0 | 0.84 | 43.71 |
| 3.458 | 28.13 | 68.57 | 0.95 | 6.37 | 0 | 0.77 | 43.71 |
| 3.475 | 28.13 | 68.57 | 0.92 | 6.39 | 0 | 0.78 | 43.71 |
| 3.496 | 28.13 | 68.57 | 0.61 | 6.41 | 0 | 0.76 | 43.71 |
| 3.514 | 28.13 | 68.57 | 0.84 | 6.42 | 0 | 0.76 | 43.71 |
| 3.536 | 28.13 | 68.58 | 0.27 | 6.43 | 0 | 0.79 | 43.71 |
| 3.558 | 28.13 | 68.58 | 0.5  | 6.42 | 0 | 0.74 | 43.71 |
| 3.582 | 28.13 | 68.58 | 0.69 | 6.41 | 0 | 0.87 | 43.71 |
| 3.592 | 28.13 | 68.58 | 1.03 | 6.41 | 0 | 0.79 | 43.71 |
| 3.611 | 28.13 | 68.58 | 0.61 | 6.44 | 0 | 0.78 | 43.71 |
| 3.632 | 28.13 | 68.58 | 0.84 | 6.47 | 0 | 0.8  | 43.71 |
| 3.656 | 28.13 | 68.58 | 0.76 | 6.49 | 0 | 0.72 | 43.71 |
| 3.676 | 28.13 | 68.58 | 0.92 | 6.51 | 0 | 0.81 | 43.71 |
| 3.696 | 28.13 | 68.58 | 0.92 | 6.54 | 0 | 0.76 | 43.71 |
| 3.716 | 28.13 | 68.58 | 0.69 | 6.56 | 0 | 0.82 | 43.71 |
| 3.738 | 28.13 | 68.58 | 0.76 | 6.57 | 0 | 0.76 | 43.71 |
| 3.756 | 28.13 | 68.58 | 0.65 | 6.57 | 0 | 0.77 | 43.71 |
| 3.772 | 28.13 | 68.58 | 0.76 | 6.57 | 0 | 0.89 | 43.71 |
| 3.788 | 28.13 | 68.57 | 0.8  | 6.56 | 0 | 0.82 | 43.71 |
| 3.81  | 28.12 | 68.58 | 0.5  | 6.55 | 0 | 0.79 | 43.72 |
| 3.834 | 28.12 | 68.58 | 0.99 | 6.55 | 0 | 0.79 | 43.72 |
| 3.868 | 28.12 | 68.58 | 0.65 | 6.55 | 0 | 0.79 | 43.72 |
| 3.885 | 28.12 | 68.58 | 0.61 | 6.57 | 0 | 0.77 | 43.72 |
| 3.892 | 28.13 | 68.58 | 0.57 | 6.59 | 0 | 0.82 | 43.72 |
| 3.908 | 28.13 | 68.58 | 0.84 | 6.6  | 0 | 0.83 | 43.72 |
| 3.939 | 28.13 | 68.58 | 0.72 | 6.62 | 0 | 0.79 | 43.72 |
| 3.974 | 28.13 | 68.58 | 0.92 | 6.63 | 0 | 0.79 | 43.72 |
| 4.001 | 28.13 | 68.62 | 0.61 | 6.65 | 0 | 0.79 | 43.74 |
| 4.012 | 28.14 | 68.62 | 0.76 | 6.66 | 0 | 0.85 | 43.74 |
| 4.023 | 28.14 | 68.63 | 0.61 | 6.63 | 0 | 0.79 | 43.74 |
| 4.046 | 28.15 | 68.64 | 0.92 | 6.6  | 0 | 0.84 | 43.74 |
| 4.077 | 28.15 | 68.64 | 0.76 | 6.58 | 0 | 0.82 | 43.74 |
| 4.115 | 28.15 | 68.66 | 1.07 | 6.57 | 0 | 0.76 | 43.75 |
| 4.14  | 28.16 | 68.67 | 0.92 | 6.54 | 0 | 0.76 | 43.75 |
| 4.155 | 28.16 | 68.68 | 0.69 | 6.52 | 0 | 0.82 | 43.76 |
| 4.166 | 28.16 | 68.7  | 0.76 | 6.51 | 0 | 0.77 | 43.77 |
| 4.188 | 28.17 | 68.7  | 0.46 | 6.52 | 0 | 0.8  | 43.77 |
| 4.222 | 28.17 | 68.71 | 0.8  | 6.54 | 0 | 0.83 | 43.76 |
| 4.26  | 28.18 | 68.75 | 0.65 | 6.55 | 0 | 0.79 | 43.79 |
| 4.289 | 28.19 | 68.8  | 0.76 | 6.56 | 0 | 0.84 | 43.82 |
| 4.298 | 28.2  | 68.8  | 0.65 | 6.57 | 0 | 1.0  | 43.81 |
| 4.311 | 28.21 | 68.86 | 0.95 | 6.58 | 0 | 0.87 | 43.84 |
| 4.327 | 28.22 | 68.89 | 1.34 | 6.61 | 0 | 0.89 | 43.85 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.358 | 28.24 | 68.92 | 0.99 | 6.64 | 0 | 0.84 | 43.86 |
| 4.398 | 28.25 | 68.96 | 0.61 | 6.65 | 0 | 0.82 | 43.87 |
| 4.434 | 28.27 | 69.09 | 0.92 | 6.64 | 0 | 0.85 | 43.95 |
| 4.451 | 28.3  | 69.08 | 0.57 | 6.6  | 0 | 0.92 | 43.92 |
| 4.456 | 28.31 | 69.14 | 0.69 | 6.57 | 0 | 0.93 | 43.95 |
| 4.467 | 28.33 | 69.18 | 1.18 | 6.52 | 0 | 0.92 | 43.96 |
| 4.494 | 28.34 | 69.19 | 0.57 | 6.46 | 0 | 0.79 | 43.95 |
| 4.527 | 28.36 | 69.22 | 0.92 | 6.39 | 0 | 0.89 | 43.97 |
| 4.558 | 28.37 | 69.26 | 0.84 | 6.32 | 0 | 0.97 | 43.99 |
| 4.58  | 28.38 | 69.33 | 0.8  | 6.25 | 0 | 0.89 | 44.02 |
| 4.589 | 28.4  | 69.43 | 0.88 | 6.2  | 0 | 0.89 | 44.08 |
| 4.598 | 28.42 | 69.53 | 0.61 | 6.14 | 0 | 0.79 | 44.13 |
| 4.623 | 28.45 | 69.56 | 0.92 | 6.07 | 0 | 0.89 | 44.13 |
| 4.66  | 28.47 | 69.57 | 1.14 | 6.0  | 0 | 0.91 | 44.11 |
| 4.696 | 28.49 | 69.62 | 1.07 | 5.96 | 0 | 0.92 | 44.14 |
| 4.718 | 28.52 | 69.7  | 1.03 | 5.94 | 0 | 0.89 | 44.16 |
| 4.721 | 28.53 | 69.78 | 0.99 | 5.92 | 0 | 0.82 | 44.21 |
| 4.749 | 28.55 | 69.78 | 0.92 | 5.89 | 0 | 0.86 | 44.19 |
| 4.785 | 28.56 | 69.79 | 0.69 | 5.86 | 0 | 0.87 | 44.19 |
| 4.821 | 28.57 | 69.81 | 0.69 | 5.83 | 0 | 1.03 | 44.2  |
| 4.839 | 28.57 | 69.82 | 0.92 | 5.8  | 0 | 0.94 | 44.2  |
| 4.85  | 28.58 | 69.84 | 1.03 | 5.72 | 0 | 0.9  | 44.21 |
| 4.856 | 28.59 | 69.86 | 0.99 | 5.62 | 0 | 0.92 | 44.21 |
| 4.879 | 28.59 | 69.86 | 1.3  | 5.54 | 0 | 0.79 | 44.21 |
| 4.912 | 28.59 | 69.87 | 0.76 | 5.49 | 0 | 0.88 | 44.21 |
| 4.95  | 28.6  | 69.88 | 1.03 | 5.46 | 0 | 0.79 | 44.22 |
| 4.979 | 28.6  | 69.88 | 0.95 | 5.44 | 0 | 0.82 | 44.22 |
| 4.986 | 28.6  | 69.89 | 0.84 | 5.39 | 0 | 0.94 | 44.22 |
| 4.999 | 28.6  | 69.9  | 1.03 | 5.38 | 0 | 0.94 | 44.23 |
| 5.041 | 28.61 | 69.9  | 0.99 | 5.35 | 0 | 0.96 | 44.22 |
| 5.089 | 28.61 | 69.91 | 1.11 | 5.33 | 0 | 0.88 | 44.23 |
| 5.102 | 28.61 | 69.91 | 0.84 | 5.23 | 0 | 0.87 | 44.23 |
| 5.118 | 28.61 | 69.92 | 1.6  | 5.16 | 0 | 0.89 | 44.23 |
| 5.169 | 28.62 | 69.92 | 1.56 | 5.1  | 0 | 0.84 | 44.23 |
| 5.218 | 28.62 | 69.92 | 1.49 | 5.1  | 0 | 0.98 | 44.23 |
| 5.22  | 28.62 | 69.93 | 1.18 | 5.13 | 0 | 0.87 | 44.23 |
| 5.24  | 28.62 | 69.93 | 1.03 | 5.15 | 0 | 0.87 | 44.23 |
| 5.286 | 28.62 | 69.92 | 1.26 | 5.21 | 0 | 0.83 | 44.23 |
| 5.327 | 28.62 | 69.92 | 1.18 | 5.29 | 0 | 0.92 | 44.23 |
| 5.353 | 28.62 | 69.92 | 1.49 | 5.32 | 0 | 0.84 | 44.23 |
| 5.356 | 28.62 | 69.93 | 1.26 | 5.29 | 0 | 0.96 | 44.23 |
| 5.371 | 28.62 | 69.93 | 0.95 | 5.26 | 0 | 0.84 | 44.23 |
| 5.4   | 28.62 | 69.93 | 1.26 | 5.25 | 0 | 0.78 | 44.23 |
| 5.429 | 28.62 | 69.93 | 1.34 | 5.23 | 0 | 0.92 | 44.23 |
| 5.48  | 28.62 | 69.93 | 1.56 | 5.22 | 0 | 0.83 | 44.23 |
| 5.491 | 28.62 | 69.93 | 1.34 | 5.25 | 0 | 0.8  | 44.23 |
| 5.516 | 28.62 | 69.93 | 1.26 | 5.24 | 0 | 0.77 | 44.23 |
| 5.547 | 28.62 | 69.93 | 1.41 | 5.24 | 0 | 1.02 | 44.23 |
| 5.576 | 28.62 | 69.93 | 1.41 | 5.26 | 0 | 0.85 | 44.23 |
| 5.607 | 28.62 | 69.93 | 1.34 | 5.29 | 0 | 0.84 | 44.23 |
| 5.627 | 28.62 | 69.93 | 1.26 | 5.32 | 0 | 0.83 | 44.23 |
| 5.629 | 28.62 | 69.93 | 1.22 | 5.35 | 0 | 0.85 | 44.23 |
| 5.649 | 28.62 | 69.93 | 1.56 | 5.36 | 0 | 0.81 | 44.24 |
| 5.679 | 28.62 | 69.93 | 1.34 | 5.35 | 0 | 0.84 | 44.24 |
| 5.727 | 28.62 | 69.93 | 1.18 | 5.34 | 0 | 0.85 | 44.24 |
| 5.77  | 28.62 | 69.93 | 1.26 | 5.34 | 0 | 0.92 | 44.24 |
| 5.786 | 28.62 | 69.93 | 1.18 | 5.36 | 0 | 0.76 | 44.23 |
| 5.792 | 28.62 | 69.94 | 1.22 | 5.36 | 0 | 0.76 | 44.24 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.819 | 28.62 | 69.94 | 1.41 | 5.36 | 0 | 0.81 | 44.24 |
| 5.866 | 28.62 | 69.94 | 1.56 | 5.37 | 0 | 0.78 | 44.24 |
| 5.906 | 28.62 | 69.93 | 1.3  | 5.36 | 0 | 0.79 | 44.24 |
| 5.923 | 28.62 | 69.93 | 1.34 | 5.31 | 0 | 0.79 | 44.24 |
| 5.926 | 28.62 | 69.94 | 1.41 | 5.27 | 0 | 0.85 | 44.24 |
| 5.943 | 28.62 | 69.94 | 1.49 | 5.25 | 0 | 0.77 | 44.24 |
| 6.052 | 28.62 | 69.94 | 1.18 | 5.27 | 0 | 0.75 | 44.24 |
| 6.059 | 28.62 | 69.93 | 1.41 | 5.26 | 0 | 0.71 | 44.24 |
| 6.09  | 28.62 | 69.94 | 1.49 | 5.25 | 0 | 0.88 | 44.24 |
| 6.133 | 28.62 | 69.93 | 1.41 | 5.23 | 0 | 0.82 | 44.24 |
| 6.157 | 28.62 | 69.93 | 1.49 | 5.22 | 0 | 0.76 | 44.23 |
| 6.159 | 28.62 | 69.93 | 1.26 | 5.22 | 0 | 0.72 | 44.24 |
| 6.168 | 28.62 | 69.94 | 1.22 | 5.22 | 0 | 0.75 | 44.24 |
| 6.233 | 28.62 | 69.93 | 1.41 | 5.27 | 0 | 0.83 | 44.24 |
| 6.258 | 28.62 | 69.93 | 1.6  | 5.3  | 0 | 0.75 | 44.24 |
| 6.266 | 28.62 | 69.93 | 1.34 | 5.33 | 0 | 0.68 | 44.24 |
| 6.269 | 28.62 | 69.93 | 1.6  | 5.33 | 0 | 0.82 | 44.24 |
| 6.278 | 28.62 | 69.93 | 1.41 | 5.31 | 0 | 0.74 | 44.23 |
| 6.284 | 28.62 | 69.93 | 1.64 | 5.31 | 0 | 0.79 | 44.23 |
| 6.289 | 28.62 | 69.93 | 1.34 | 5.32 | 0 | 0.76 | 44.24 |
| 6.291 | 28.62 | 69.93 | 1.49 | 5.31 | 0 | 0.63 | 44.24 |
| 6.293 | 28.62 | 69.93 | 1.53 | 5.28 | 0 | 0.73 | 44.24 |



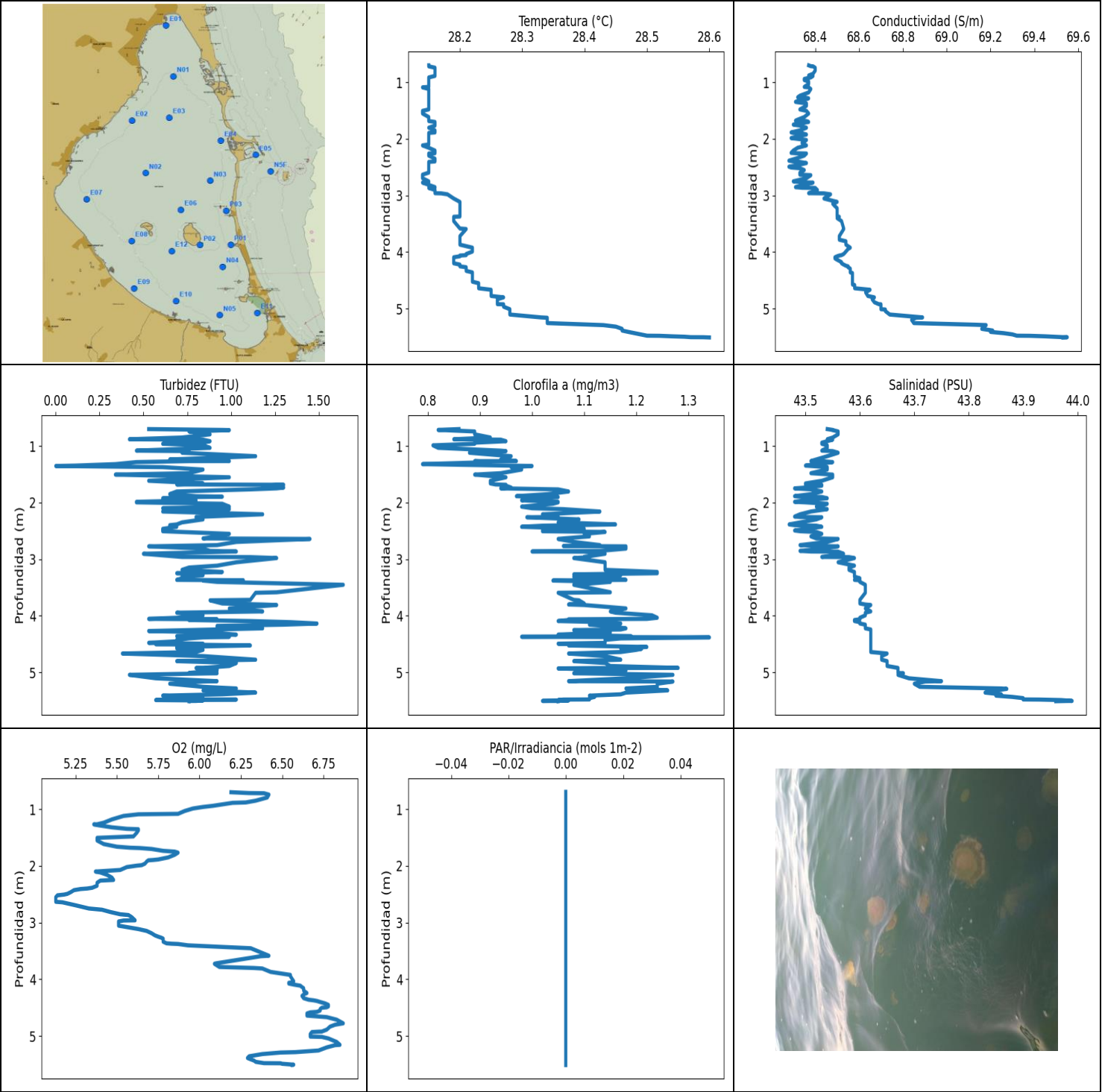
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.43      | 69.19               | 0.42           | 4.55           | 0                           | 0.48              | 43.79           |
| PROF (metros)                                                                | 0.712      | 0.769               | 0.863          | 1.527          | 0                           | 1.313             | 0.769           |
| MÁXIMO                                                                       | 28.8       | 28.8                | 1.18           | 4.96           | 0                           | 0.77              | 44.09           |
| PROF (metros)                                                                | 2.229      | 2.242               | 0.926          | 1.943          | 0                           | 1.754             | 1.894           |

| 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) |
|                                                            |            |                     |                |                |                             |                   |                 |
| 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                                                          | 28.43      | 69.33               | 0.53           | 4.76           | 0                           | 0.61              | 43.97           |
| 0.74                                                           | 28.49      | 69.23               | 0.76           | 4.81           | 0                           | 0.61              | 43.85           |
| 0.769                                                          | 28.53      | 69.19               | 0.69           | 4.87           | 0                           | 0.63              | 43.79           |
| 0.796                                                          | 28.57      | 69.32               | 0.76           | 4.89           | 0                           | 0.62              | 43.84           |
| 0.821                                                          | 28.61      | 69.37               | 0.95           | 4.88           | 0                           | 0.62              | 43.84           |
| 0.843                                                          | 28.65      | 69.47               | 0.88           | 4.87           | 0                           | 0.59              | 43.87           |
| 0.863                                                          | 28.67      | 69.59               | 0.42           | 4.85           | 0                           | 0.66              | 43.94           |
| 0.894                                                          | 28.7       | 69.58               | 0.61           | 4.85           | 0                           | 0.56              | 43.92           |
| 0.926                                                          | 28.7       | 69.52               | 1.18           | 4.86           | 0                           | 0.63              | 43.86           |
| 0.954                                                          | 28.7       | 69.56               | 0.95           | 4.84           | 0                           | 0.63              | 43.89           |
| 0.975                                                          | 28.72      | 69.6                | 0.99           | 4.81           | 0                           | 0.65              | 43.91           |
| 0.997                                                          | 28.73      | 69.64               | 0.53           | 4.78           | 0                           | 0.53              | 43.92           |
| 1.021                                                          | 28.74      | 69.73               | 0.84           | 4.75           | 0                           | 0.6               | 43.98           |
| 1.052                                                          | 28.75      | 69.69               | 0.65           | 4.74           | 0                           | 0.61              | 43.94           |
| 1.079                                                          | 28.75      | 69.63               | 0.84           | 4.76           | 0                           | 0.56              | 43.9            |
| 1.104                                                          | 28.75      | 69.66               | 0.92           | 4.78           | 0                           | 0.68              | 43.92           |
| 1.13                                                           | 28.75      | 69.66               | 0.42           | 4.78           | 0                           | 0.52              | 43.92           |
| 1.151                                                          | 28.76      | 69.69               | 0.88           | 4.77           | 0                           | 0.54              | 43.94           |
| 1.171                                                          | 28.76      | 69.77               | 0.8            | 4.75           | 0                           | 0.63              | 43.99           |
| 1.199                                                          | 28.77      | 69.77               | 0.65           | 4.72           | 0                           | 0.64              | 43.98           |
| 1.23                                                           | 28.77      | 69.78               | 0.84           | 4.71           | 0                           | 0.6               | 43.99           |
| 1.266                                                          | 28.76      | 69.75               | 0.57           | 4.7            | 0                           | 0.66              | 43.97           |
| 1.291                                                          | 28.76      | 69.69               | 0.99           | 4.69           | 0                           | 0.56              | 43.93           |
| 1.313                                                          | 28.75      | 69.76               | 0.84           | 4.68           | 0                           | 0.48              | 43.99           |
| 1.335                                                          | 28.75      | 69.82               | 0.65           | 4.65           | 0                           | 0.61              | 44.03           |
| 1.362                                                          | 28.76      | 69.81               | 0.76           | 4.63           | 0                           | 0.65              | 44.02           |
| 1.391                                                          | 28.76      | 69.8                | 0.69           | 4.63           | 0                           | 0.56              | 44.01           |
| 1.429                                                          | 28.76      | 69.77               | 0.61           | 4.63           | 0                           | 0.62              | 43.99           |
| 1.451                                                          | 28.76      | 69.73               | 0.53           | 4.62           | 0                           | 0.62              | 43.96           |
| 1.475                                                          | 28.75      | 69.73               | 0.84           | 4.6            | 0                           | 0.69              | 43.97           |
| 1.496                                                          | 28.75      | 69.87               | 0.76           | 4.57           | 0                           | 0.63              | 44.07           |
| 1.527                                                          | 28.76      | 69.89               | 0.57           | 4.55           | 0                           | 0.57              | 44.07           |
| 1.549                                                          | 28.77      | 69.74               | 0.84           | 4.56           | 0                           | 0.68              | 43.96           |
| 1.571                                                          | 28.77      | 69.75               | 0.69           | 4.58           | 0                           | 0.62              | 43.96           |
| 1.594                                                          | 28.78      | 69.83               | 0.76           | 4.59           | 0                           | 0.57              | 44.01           |
| 1.612                                                          | 28.78      | 69.74               | 0.65           | 4.59           | 0                           | 0.51              | 43.94           |
| 1.623                                                          | 28.79      | 69.8                | 0.61           | 4.6            | 0                           | 0.63              | 43.98           |
| 1.651                                                          | 28.79      | 69.88               | 0.69           | 4.63           | 0                           | 0.6               | 44.04           |
| 1.683                                                          | 28.79      | 69.75               | 0.92           | 4.7            | 0                           | 0.66              | 43.94           |
| 1.718                                                          | 28.79      | 69.7                | 0.8            | 4.77           | 0                           | 0.73              | 43.91           |
| 1.738                                                          | 28.78      | 69.74               | 0.99           | 4.81           | 0                           | 0.6               | 43.95           |
| 1.754                                                          | 28.78      | 69.8                | 0.61           | 4.82           | 0                           | 0.77              | 44.0            |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.77  | 28.77 | 69.85 | 0.88 | 4.83 | 0 | 0.68 | 44.04 |
| 1.796 | 28.78 | 69.85 | 0.99 | 4.86 | 0 | 0.6  | 44.03 |
| 1.827 | 28.78 | 69.76 | 0.69 | 4.9  | 0 | 0.62 | 43.96 |
| 1.857 | 28.78 | 69.81 | 0.42 | 4.93 | 0 | 0.57 | 44.0  |
| 1.894 | 28.78 | 69.94 | 0.76 | 4.94 | 0 | 0.58 | 44.09 |
| 1.921 | 28.79 | 69.77 | 0.76 | 4.95 | 0 | 0.55 | 43.96 |
| 1.943 | 28.79 | 69.73 | 0.99 | 4.96 | 0 | 0.63 | 43.93 |
| 1.955 | 28.79 | 69.84 | 0.84 | 4.93 | 0 | 0.61 | 44.01 |
| 1.973 | 28.79 | 69.89 | 0.8  | 4.89 | 0 | 0.6  | 44.05 |
| 1.993 | 28.79 | 69.86 | 0.5  | 4.87 | 0 | 0.65 | 44.03 |
| 2.03  | 28.78 | 69.82 | 0.88 | 4.86 | 0 | 0.53 | 44.0  |
| 2.066 | 28.78 | 69.77 | 0.72 | 4.86 | 0 | 0.56 | 43.97 |
| 2.088 | 28.78 | 69.84 | 0.76 | 4.85 | 0 | 0.6  | 44.02 |
| 2.111 | 28.78 | 69.87 | 0.53 | 4.85 | 0 | 0.68 | 44.04 |
| 2.124 | 28.78 | 69.83 | 0.69 | 4.87 | 0 | 0.69 | 44.01 |
| 2.148 | 28.79 | 69.9  | 0.8  | 4.88 | 0 | 0.56 | 44.06 |
| 2.176 | 28.79 | 69.91 | 0.8  | 4.89 | 0 | 0.68 | 44.06 |
| 2.204 | 28.79 | 69.84 | 0.69 | 4.88 | 0 | 0.68 | 44.01 |
| 2.229 | 28.8  | 69.86 | 0.69 | 4.86 | 0 | 0.56 | 44.02 |
| 2.238 | 28.8  | 69.91 | 0.69 | 4.82 | 0 | 0.62 | 44.06 |
| 2.242 | 28.8  | 69.95 | 1.03 | 4.77 | 0 | 0.66 | 44.08 |
| 2.249 | 28.8  | 69.9  | 1.07 | 4.72 | 0 | 0.6  | 44.04 |
| 2.253 | 28.8  | 69.86 | 0.95 | 4.66 | 0 | 0.58 | 44.01 |
| 2.255 | 28.8  | 69.95 | 0.92 | 4.61 | 0 | 0.58 | 44.08 |





| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.14      | 68.28               | 0.0            | 5.13           | 0                           | 0.79              | 43.47           |
| PROF (metros)                                                                | 1.091      | 2.386               | 1.354          | 2.552          | 0                           | 1.321             | 2.386           |
| MÁXIMO                                                                       | 28.6       | 28.6                | 1.64           | 6.87           | 0                           | 1.34              | 43.99           |
| PROF (metros)                                                                | 5.508      | 5.504               | 3.452          | 4.775          | 0                           | 4.381             | 5.503           |

| 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) |

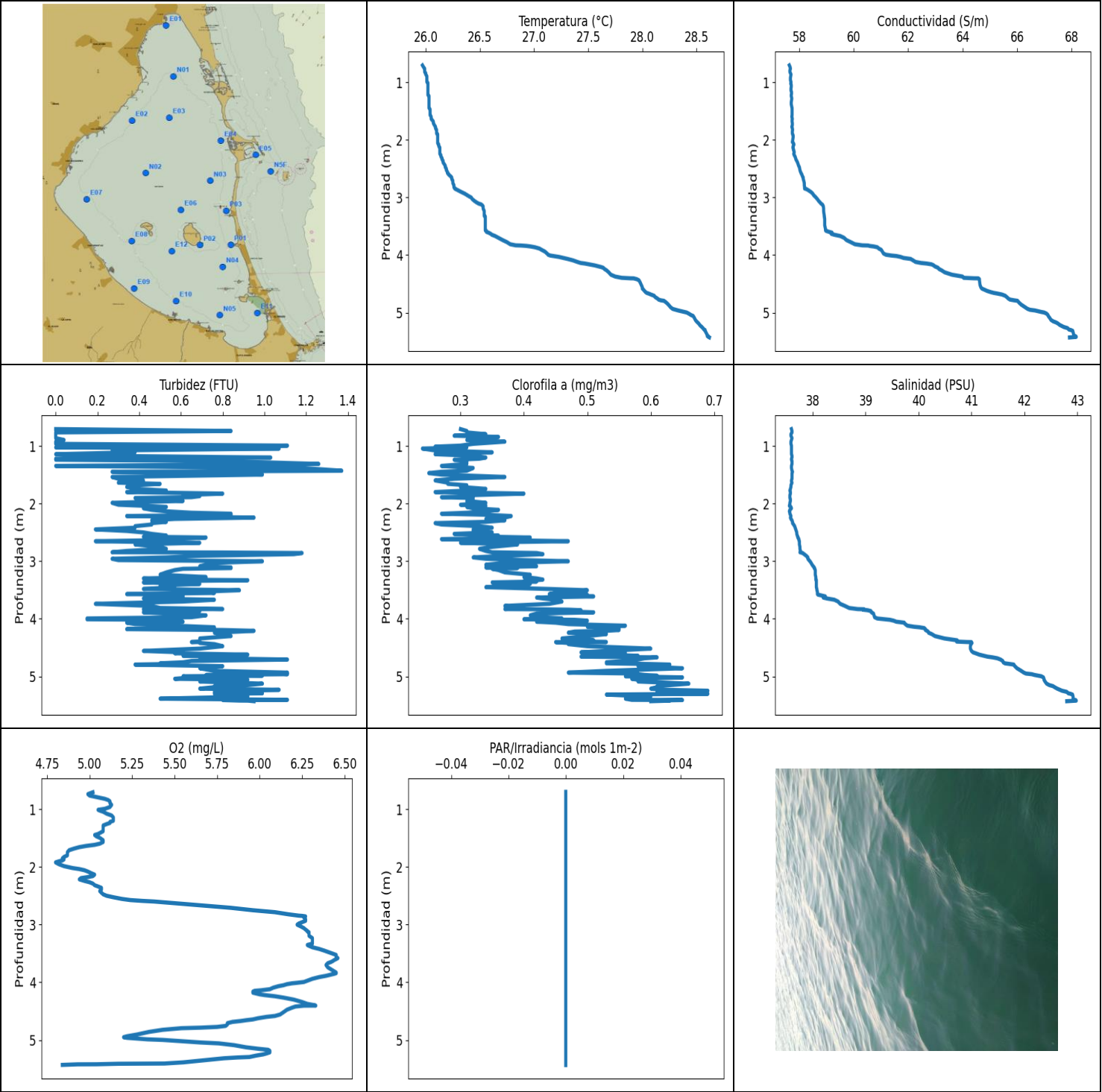
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.702                                                          | 28.15      | 68.37               | 0.53           | 6.19           | 0                           | 0.86              | 43.54           |
| 0.717                                                          | 28.15      | 68.38               | 0.95           | 6.3            | 0                           | 0.82              | 43.55           |
| 0.72                                                           | 28.15      | 68.39               | 0.99           | 6.39           | 0                           | 0.83              | 43.55           |
| 0.744                                                          | 28.16      | 68.4                | 0.76           | 6.42           | 0                           | 0.89              | 43.56           |
| 0.795                                                          | 28.16      | 68.4                | 0.88           | 6.41           | 0                           | 0.89              | 43.56           |
| 0.851                                                          | 28.16      | 68.39               | 0.72           | 6.34           | 0                           | 0.92              | 43.55           |
| 0.882                                                          | 28.16      | 68.37               | 0.42           | 6.28           | 0                           | 0.85              | 43.54           |
| 0.889                                                          | 28.16      | 68.39               | 0.84           | 6.2            | 0                           | 0.94              | 43.55           |
| 0.916                                                          | 28.15      | 68.38               | 0.88           | 6.14           | 0                           | 0.95              | 43.54           |
| 0.942                                                          | 28.15      | 68.35               | 0.84           | 6.08           | 0                           | 0.89              | 43.53           |
| 0.962                                                          | 28.15      | 68.35               | 0.61           | 6.02           | 0                           | 0.89              | 43.53           |
| 0.989                                                          | 28.15      | 68.37               | 0.84           | 5.96           | 0                           | 0.81              | 43.54           |
| 1.033                                                          | 28.15      | 68.37               | 0.88           | 5.91           | 0                           | 0.82              | 43.54           |
| 1.083                                                          | 28.15      | 68.35               | 0.46           | 5.87           | 0                           | 0.94              | 43.53           |
| 1.091                                                          | 28.14      | 68.37               | 0.76           | 5.63           | 0                           | 0.95              | 43.55           |
| 1.12                                                           | 28.15      | 68.38               | 0.72           | 5.54           | 0                           | 0.88              | 43.56           |
| 1.181                                                          | 28.15      | 68.37               | 1.14           | 5.47           | 0                           | 0.96              | 43.54           |
| 1.239                                                          | 28.15      | 68.33               | 0.65           | 5.42           | 0                           | 0.94              | 43.52           |
| 1.267                                                          | 28.15      | 68.32               | 0.99           | 5.38           | 0                           | 0.97              | 43.51           |
| 1.268                                                          | 28.15      | 68.35               | 0.76           | 5.36           | 0                           | 0.89              | 43.53           |
| 1.285                                                          | 28.15      | 68.37               | 0.46           | 5.39           | 0                           | 0.92              | 43.55           |
| 1.321                                                          | 28.15      | 68.34               | 0.34           | 5.47           | 0                           | 0.79              | 43.52           |
| 1.347                                                          | 28.15      | 68.31               | 0.11           | 5.56           | 0                           | 0.95              | 43.5            |
| 1.354                                                          | 28.15      | 68.32               | 0.0            | 5.63           | 0                           | 1.0               | 43.51           |
| 1.374                                                          | 28.15      | 68.36               | 0.61           | 5.63           | 0                           | 0.96              | 43.54           |
| 1.417                                                          | 28.15      | 68.36               | 0.84           | 5.62           | 0                           | 0.98              | 43.54           |
| 1.481                                                          | 28.15      | 68.33               | 0.76           | 5.6            | 0                           | 0.94              | 43.51           |
| 1.506                                                          | 28.14      | 68.36               | 0.34           | 5.38           | 0                           | 0.89              | 43.55           |
| 1.553                                                          | 28.14      | 68.37               | 0.99           | 5.38           | 0                           | 0.95              | 43.55           |
| 1.615                                                          | 28.15      | 68.35               | 0.53           | 5.42           | 0                           | 0.92              | 43.53           |
| 1.662                                                          | 28.15      | 68.32               | 0.84           | 5.5            | 0                           | 0.92              | 43.5            |
| 1.68                                                           | 28.15      | 68.31               | 0.69           | 5.58           | 0                           | 0.93              | 43.5            |
| 1.686                                                          | 28.15      | 68.36               | 1.3            | 5.64           | 0                           | 0.95              | 43.53           |
| 1.702                                                          | 28.16      | 68.37               | 1.18           | 5.71           | 0                           | 0.95              | 43.53           |
| 1.735                                                          | 28.16      | 68.32               | 1.3            | 5.78           | 0                           | 0.96              | 43.5            |
| 1.749                                                          | 28.16      | 68.3                | 1.26           | 5.85           | 0                           | 0.94              | 43.48           |
| 1.767                                                          | 28.16      | 68.33               | 1.11           | 5.87           | 0                           | 1.05              | 43.51           |
| 1.804                                                          | 28.15      | 68.36               | 0.69           | 5.85           | 0                           | 1.07              | 43.53           |
| 1.851                                                          | 28.16      | 68.33               | 0.65           | 5.81           | 0                           | 1.03              | 43.51           |
| 1.887                                                          | 28.16      | 68.29               | 0.8            | 5.75           | 0                           | 0.97              | 43.48           |
| 1.896                                                          | 28.15      | 68.3                | 0.95           | 5.72           | 0                           | 0.99              | 43.49           |
| 1.902                                                          | 28.15      | 68.34               | 0.8            | 5.69           | 0                           | 1.05              | 43.53           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.924 | 28.15 | 68.36 | 0.61 | 5.68 | 0 | 1.0  | 43.54 |
| 1.96  | 28.15 | 68.32 | 0.8  | 5.67 | 0 | 0.98 | 43.5  |
| 1.987 | 28.15 | 68.29 | 0.46 | 5.65 | 0 | 1.05 | 43.48 |
| 1.996 | 28.15 | 68.31 | 0.46 | 5.62 | 0 | 1.05 | 43.5  |
| 2.021 | 28.15 | 68.36 | 0.95 | 5.56 | 0 | 1.04 | 43.54 |
| 2.072 | 28.15 | 68.34 | 0.99 | 5.52 | 0 | 0.98 | 43.52 |
| 2.1   | 28.15 | 68.35 | 0.61 | 5.37 | 0 | 1.0  | 43.53 |
| 2.116 | 28.14 | 68.36 | 0.99 | 5.4  | 0 | 1.06 | 43.54 |
| 2.158 | 28.15 | 68.32 | 0.61 | 5.44 | 0 | 1.13 | 43.51 |
| 2.207 | 28.16 | 68.3  | 1.18 | 5.47 | 0 | 1.02 | 43.49 |
| 2.248 | 28.16 | 68.29 | 0.84 | 5.48 | 0 | 1.05 | 43.48 |
| 2.254 | 28.16 | 68.31 | 0.8  | 5.44 | 0 | 1.05 | 43.49 |
| 2.259 | 28.15 | 68.36 | 0.8  | 5.4  | 0 | 0.99 | 43.53 |
| 2.297 | 28.15 | 68.35 | 0.84 | 5.38 | 0 | 1.09 | 43.52 |
| 2.35  | 28.16 | 68.31 | 0.72 | 5.38 | 0 | 1.05 | 43.49 |
| 2.386 | 28.16 | 68.28 | 0.69 | 5.35 | 0 | 1.16 | 43.47 |
| 2.399 | 28.16 | 68.3  | 0.65 | 5.32 | 0 | 1.08 | 43.48 |
| 2.408 | 28.15 | 68.33 | 0.65 | 5.28 | 0 | 1.02 | 43.52 |
| 2.428 | 28.15 | 68.36 | 0.69 | 5.24 | 0 | 0.98 | 43.53 |
| 2.464 | 28.15 | 68.32 | 0.61 | 5.22 | 0 | 1.1  | 43.5  |
| 2.493 | 28.15 | 68.28 | 0.61 | 5.2  | 0 | 1.02 | 43.48 |
| 2.506 | 28.15 | 68.29 | 0.61 | 5.18 | 0 | 1.02 | 43.49 |
| 2.519 | 28.15 | 68.33 | 0.72 | 5.14 | 0 | 1.14 | 43.52 |
| 2.552 | 28.15 | 68.35 | 0.99 | 5.13 | 0 | 1.1  | 43.53 |
| 2.597 | 28.15 | 68.33 | 0.92 | 5.13 | 0 | 1.11 | 43.51 |
| 2.633 | 28.14 | 68.33 | 0.84 | 5.13 | 0 | 1.06 | 43.52 |
| 2.642 | 28.14 | 68.38 | 1.45 | 5.17 | 0 | 1.05 | 43.56 |
| 2.695 | 28.14 | 68.36 | 1.03 | 5.25 | 0 | 1.08 | 43.54 |
| 2.751 | 28.15 | 68.3  | 0.92 | 5.33 | 0 | 1.13 | 43.49 |
| 2.767 | 28.15 | 68.34 | 0.65 | 5.39 | 0 | 1.06 | 43.53 |
| 2.773 | 28.14 | 68.39 | 0.53 | 5.41 | 0 | 1.18 | 43.56 |
| 2.813 | 28.15 | 68.35 | 0.84 | 5.46 | 0 | 1.18 | 43.53 |
| 2.853 | 28.16 | 68.31 | 0.88 | 5.52 | 0 | 1.13 | 43.49 |
| 2.864 | 28.16 | 68.34 | 1.03 | 5.56 | 0 | 1.0  | 43.51 |
| 2.867 | 28.15 | 68.4  | 0.99 | 5.57 | 0 | 1.1  | 43.56 |
| 2.904 | 28.16 | 68.41 | 0.5  | 5.59 | 0 | 1.14 | 43.57 |
| 2.96  | 28.16 | 68.37 | 0.72 | 5.61 | 0 | 1.1  | 43.53 |
| 2.963 | 28.17 | 68.44 | 1.11 | 5.54 | 0 | 1.11 | 43.58 |
| 2.98  | 28.18 | 68.47 | 1.26 | 5.51 | 0 | 1.08 | 43.59 |
| 3.054 | 28.19 | 68.44 | 1.03 | 5.51 | 0 | 1.14 | 43.56 |
| 3.114 | 28.2  | 68.5  | 0.92 | 5.63 | 0 | 1.14 | 43.59 |
| 3.147 | 28.2  | 68.48 | 0.76 | 5.68 | 0 | 1.14 | 43.58 |
| 3.188 | 28.2  | 68.49 | 0.72 | 5.71 | 0 | 1.14 | 43.58 |
| 3.225 | 28.2  | 68.5  | 0.95 | 5.73 | 0 | 1.24 | 43.59 |
| 3.248 | 28.2  | 68.5  | 0.69 | 5.75 | 0 | 1.24 | 43.59 |
| 3.268 | 28.2  | 68.5  | 0.84 | 5.77 | 0 | 1.08 | 43.59 |
| 3.283 | 28.2  | 68.5  | 0.84 | 5.78 | 0 | 1.17 | 43.59 |
| 3.308 | 28.2  | 68.5  | 0.72 | 5.78 | 0 | 1.08 | 43.59 |
| 3.337 | 28.2  | 68.5  | 0.72 | 5.78 | 0 | 1.14 | 43.6  |
| 3.365 | 28.2  | 68.5  | 0.69 | 5.8  | 0 | 1.18 | 43.59 |
| 3.372 | 28.2  | 68.5  | 1.07 | 5.83 | 0 | 1.08 | 43.6  |
| 3.377 | 28.19 | 68.51 | 0.84 | 5.87 | 0 | 1.04 | 43.6  |
| 3.401 | 28.19 | 68.5  | 0.92 | 5.93 | 0 | 1.15 | 43.6  |
| 3.452 | 28.19 | 68.52 | 1.64 | 6.31 | 0 | 1.08 | 43.61 |
| 3.584 | 28.2  | 68.53 | 1.26 | 6.42 | 0 | 1.15 | 43.61 |
| 3.593 | 28.21 | 68.53 | 1.14 | 6.37 | 0 | 1.05 | 43.61 |
| 3.718 | 28.2  | 68.51 | 1.11 | 6.1  | 0 | 1.08 | 43.6  |
| 3.726 | 28.2  | 68.51 | 0.88 | 6.09 | 0 | 1.09 | 43.6  |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.782 | 28.2  | 68.51 | 0.95 | 6.12 | 0 | 1.1  | 43.6  |
| 3.8   | 28.2  | 68.53 | 1.18 | 6.33 | 0 | 1.07 | 43.61 |
| 3.809 | 28.2  | 68.54 | 1.26 | 6.38 | 0 | 1.1  | 43.62 |
| 3.869 | 28.2  | 68.54 | 0.99 | 6.43 | 0 | 1.18 | 43.61 |
| 3.922 | 28.22 | 68.56 | 1.18 | 6.55 | 0 | 1.15 | 43.62 |
| 3.945 | 28.22 | 68.55 | 0.69 | 6.55 | 0 | 1.16 | 43.61 |
| 3.991 | 28.22 | 68.54 | 0.84 | 6.56 | 0 | 1.23 | 43.61 |
| 4.034 | 28.21 | 68.53 | 0.69 | 6.57 | 0 | 1.24 | 43.6  |
| 4.054 | 28.21 | 68.52 | 0.53 | 6.56 | 0 | 1.22 | 43.6  |
| 4.061 | 28.2  | 68.51 | 0.92 | 6.54 | 0 | 1.07 | 43.6  |
| 4.074 | 28.2  | 68.5  | 0.76 | 6.54 | 0 | 1.07 | 43.59 |
| 4.092 | 28.19 | 68.49 | 1.11 | 6.57 | 0 | 1.05 | 43.59 |
| 4.112 | 28.19 | 68.49 | 1.34 | 6.61 | 0 | 1.14 | 43.6  |
| 4.136 | 28.19 | 68.5  | 1.49 | 6.62 | 0 | 1.17 | 43.6  |
| 4.156 | 28.19 | 68.51 | 1.3  | 6.63 | 0 | 1.11 | 43.61 |
| 4.178 | 28.19 | 68.52 | 0.92 | 6.63 | 0 | 1.14 | 43.61 |
| 4.198 | 28.19 | 68.52 | 0.92 | 6.63 | 0 | 1.16 | 43.61 |
| 4.221 | 28.2  | 68.53 | 1.18 | 6.64 | 0 | 1.18 | 43.61 |
| 4.241 | 28.2  | 68.54 | 0.92 | 6.65 | 0 | 1.17 | 43.62 |
| 4.252 | 28.2  | 68.55 | 0.76 | 6.64 | 0 | 1.08 | 43.62 |
| 4.268 | 28.21 | 68.55 | 0.53 | 6.63 | 0 | 1.14 | 43.62 |
| 4.292 | 28.21 | 68.56 | 0.88 | 6.62 | 0 | 1.15 | 43.62 |
| 4.332 | 28.21 | 68.56 | 1.03 | 6.63 | 0 | 1.05 | 43.62 |
| 4.359 | 28.22 | 68.56 | 0.69 | 6.66 | 0 | 1.19 | 43.62 |
| 4.37  | 28.22 | 68.57 | 0.99 | 6.69 | 0 | 0.98 | 43.62 |
| 4.381 | 28.22 | 68.57 | 0.84 | 6.71 | 0 | 1.34 | 43.62 |
| 4.399 | 28.22 | 68.57 | 0.76 | 6.73 | 0 | 1.17 | 43.62 |
| 4.424 | 28.22 | 68.57 | 0.69 | 6.76 | 0 | 1.14 | 43.62 |
| 4.45  | 28.22 | 68.57 | 0.69 | 6.78 | 0 | 1.14 | 43.62 |
| 4.477 | 28.22 | 68.57 | 0.53 | 6.78 | 0 | 1.14 | 43.62 |
| 4.492 | 28.22 | 68.57 | 0.84 | 6.77 | 0 | 1.05 | 43.62 |
| 4.501 | 28.22 | 68.57 | 0.57 | 6.74 | 0 | 1.1  | 43.62 |
| 4.523 | 28.22 | 68.57 | 1.11 | 6.73 | 0 | 1.07 | 43.62 |
| 4.55  | 28.23 | 68.57 | 0.69 | 6.73 | 0 | 1.22 | 43.62 |
| 4.573 | 28.23 | 68.57 | 0.69 | 6.71 | 0 | 1.17 | 43.62 |
| 4.582 | 28.23 | 68.58 | 0.76 | 6.67 | 0 | 1.21 | 43.62 |
| 4.601 | 28.23 | 68.58 | 0.84 | 6.65 | 0 | 1.2  | 43.62 |
| 4.639 | 28.23 | 68.58 | 0.8  | 6.65 | 0 | 1.17 | 43.62 |
| 4.666 | 28.25 | 68.65 | 0.38 | 6.77 | 0 | 1.07 | 43.65 |
| 4.711 | 28.25 | 68.63 | 0.84 | 6.83 | 0 | 1.14 | 43.64 |
| 4.775 | 28.25 | 68.64 | 1.14 | 6.87 | 0 | 1.17 | 43.64 |
| 4.8   | 28.27 | 68.67 | 0.69 | 6.82 | 0 | 1.08 | 43.65 |
| 4.833 | 28.26 | 68.66 | 1.03 | 6.79 | 0 | 1.14 | 43.65 |
| 4.886 | 28.26 | 68.67 | 0.99 | 6.77 | 0 | 1.15 | 43.65 |
| 4.92  | 28.26 | 68.69 | 0.84 | 6.74 | 0 | 1.28 | 43.67 |
| 4.922 | 28.27 | 68.7  | 0.8  | 6.72 | 0 | 1.12 | 43.67 |
| 4.929 | 28.27 | 68.7  | 0.92 | 6.68 | 0 | 1.05 | 43.67 |
| 4.965 | 28.27 | 68.7  | 0.92 | 6.67 | 0 | 1.18 | 43.67 |
| 5.009 | 28.28 | 68.7  | 0.76 | 6.67 | 0 | 1.15 | 43.67 |
| 5.014 | 28.28 | 68.72 | 0.92 | 6.74 | 0 | 1.08 | 43.68 |
| 5.042 | 28.28 | 68.72 | 0.42 | 6.78 | 0 | 1.27 | 43.67 |
| 5.103 | 28.28 | 68.74 | 0.57 | 6.83 | 0 | 1.18 | 43.69 |
| 5.154 | 28.33 | 68.89 | 0.92 | 6.85 | 0 | 1.07 | 43.75 |
| 5.16  | 28.34 | 68.86 | 0.84 | 6.82 | 0 | 1.27 | 43.72 |
| 5.199 | 28.34 | 68.84 | 0.65 | 6.77 | 0 | 1.24 | 43.7  |
| 5.254 | 28.34 | 68.85 | 0.84 | 6.72 | 0 | 1.24 | 43.71 |
| 5.283 | 28.41 | 69.13 | 1.03 | 6.58 | 0 | 1.18 | 43.86 |
| 5.29  | 28.43 | 69.18 | 0.88 | 6.49 | 0 | 1.21 | 43.87 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.317 | 28.45 | 69.17 | 0.84 | 6.38 | 0 | 1.26 | 43.85 |
| 5.356 | 28.46 | 69.16 | 1.14 | 6.3  | 0 | 1.18 | 43.83 |
| 5.386 | 28.46 | 69.21 | 0.95 | 6.29 | 0 | 1.17 | 43.86 |
| 5.41  | 28.47 | 69.2  | 0.61 | 6.31 | 0 | 1.11 | 43.85 |
| 5.432 | 28.48 | 69.26 | 0.76 | 6.33 | 0 | 1.12 | 43.88 |
| 5.454 | 28.49 | 69.3  | 0.84 | 6.34 | 0 | 1.11 | 43.9  |
| 5.477 | 28.5  | 69.32 | 0.84 | 6.39 | 0 | 1.11 | 43.9  |
| 5.479 | 28.52 | 69.38 | 1.03 | 6.49 | 0 | 1.06 | 43.93 |
| 5.488 | 28.54 | 69.45 | 0.57 | 6.5  | 0 | 1.05 | 43.97 |
| 5.495 | 28.56 | 69.49 | 0.84 | 6.53 | 0 | 1.07 | 43.98 |
| 5.503 | 28.57 | 69.53 | 0.8  | 6.56 | 0 | 1.02 | 43.99 |
| 5.504 | 28.59 | 69.55 | 0.76 | 6.57 | 0 | 1.05 | 43.98 |
| 5.508 | 28.6  | 69.53 | 0.76 | 6.56 | 0 | 1.05 | 43.96 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 25.97      | 57.63               | 0.0            | 4.8            | 0                           | 0.24              | 37.56           |
| PROF (metros)                                                                | 0.708      | 0.708               | 0.708          | 1.923          | 0                           | 1.046             | 2.039           |
| MÁXIMO                                                                       | 28.62      | 28.62               | 1.37           | 6.46           | 0                           | 0.69              | 42.98           |
| PROF (metros)                                                                | 5.431      | 5.421               | 1.431          | 3.581          | 0                           | 5.249             | 5.42            |

| 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) |

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

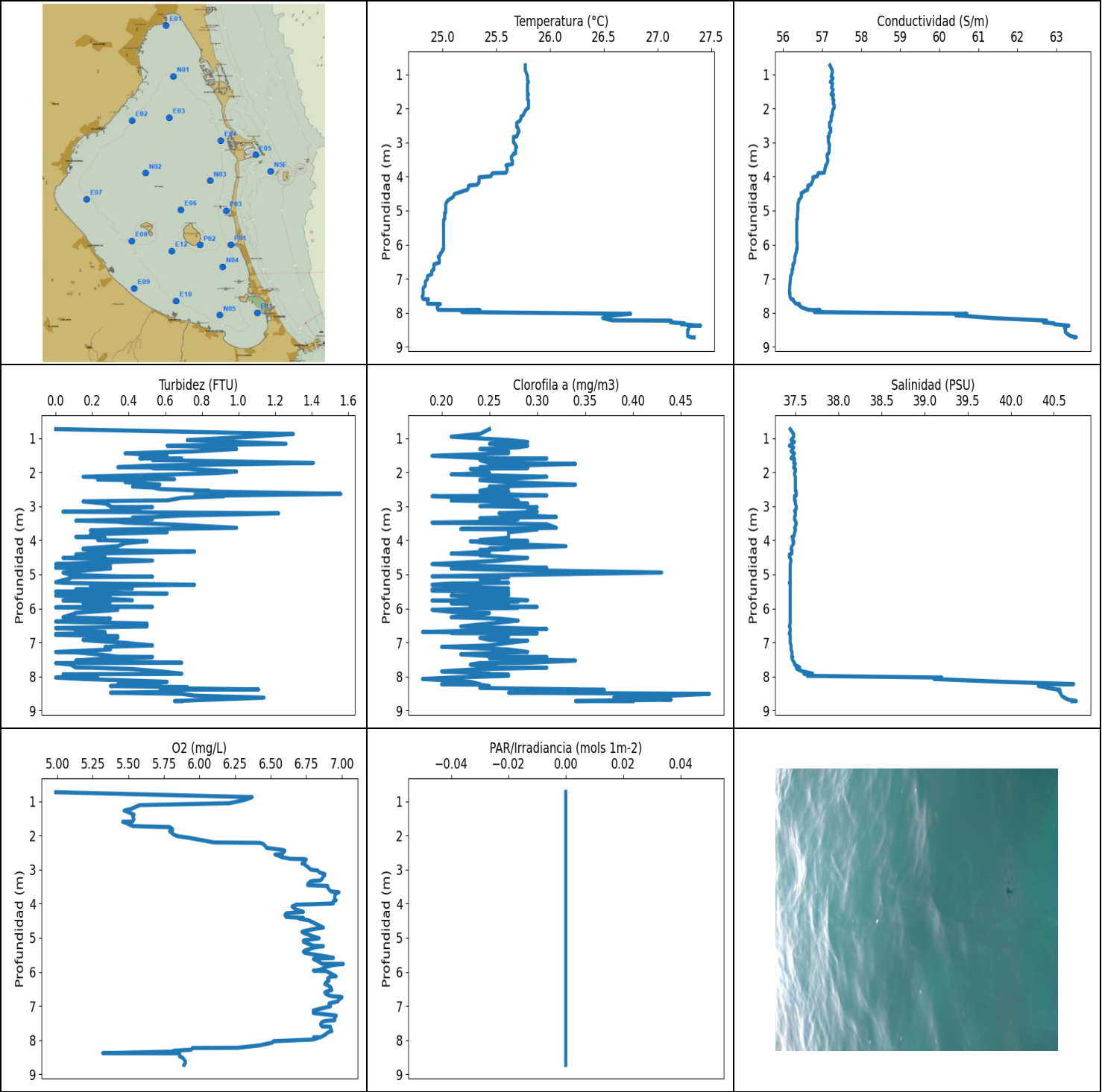
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.708                                                          | 25.97      | 57.63               | 0.0            | 5.02           | 0                           | 0.3               | 37.6            |
| 0.741                                                          | 25.98      | 57.66               | 0.84           | 4.99           | 0                           | 0.31              | 37.61           |
| 0.766                                                          | 25.99      | 57.67               | 0.0            | 5.0            | 0                           | 0.31              | 37.61           |
| 0.797                                                          | 25.99      | 57.65               | 0.0            | 5.05           | 0                           | 0.34              | 37.59           |
| 0.823                                                          | 25.99      | 57.65               | 0.0            | 5.09           | 0                           | 0.29              | 37.59           |
| 0.844                                                          | 26.0       | 57.67               | 0.0            | 5.11           | 0                           | 0.36              | 37.6            |
| 0.865                                                          | 26.0       | 57.69               | 0.0            | 5.12           | 0                           | 0.34              | 37.61           |
| 0.897                                                          | 26.01      | 57.68               | 0.04           | 5.12           | 0                           | 0.31              | 37.6            |
| 0.926                                                          | 26.01      | 57.67               | 0.0            | 5.13           | 0                           | 0.37              | 37.59           |
| 0.964                                                          | 26.01      | 57.67               | 0.0            | 5.12           | 0                           | 0.32              | 37.59           |
| 0.995                                                          | 26.01      | 57.69               | 1.11           | 5.09           | 0                           | 0.3               | 37.6            |
| 1.013                                                          | 26.02      | 57.69               | 0.84           | 5.05           | 0                           | 0.26              | 37.6            |
| 1.026                                                          | 26.02      | 57.68               | 0.0            | 5.06           | 0                           | 0.31              | 37.6            |
| 1.046                                                          | 26.02      | 57.7                | 1.07           | 5.08           | 0                           | 0.24              | 37.6            |
| 1.079                                                          | 26.02      | 57.7                | 0.27           | 5.1            | 0                           | 0.26              | 37.6            |
| 1.111                                                          | 26.02      | 57.69               | 0.38           | 5.13           | 0                           | 0.35              | 37.6            |
| 1.144                                                          | 26.02      | 57.69               | 0.0            | 5.14           | 0                           | 0.26              | 37.6            |
| 1.171                                                          | 26.02      | 57.71               | 0.19           | 5.14           | 0                           | 0.32              | 37.61           |
| 1.202                                                          | 26.02      | 57.71               | 1.03           | 5.14           | 0                           | 0.34              | 37.61           |
| 1.222                                                          | 26.02      | 57.7                | 0.0            | 5.12           | 0                           | 0.33              | 37.6            |
| 1.24                                                           | 26.03      | 57.7                | 0.0            | 5.12           | 0                           | 0.29              | 37.6            |
| 1.26                                                           | 26.03      | 57.71               | 0.69           | 5.1            | 0                           | 0.31              | 37.61           |
| 1.284                                                          | 26.03      | 57.72               | 0.99           | 5.08           | 0                           | 0.31              | 37.61           |
| 1.313                                                          | 26.03      | 57.71               | 1.26           | 5.08           | 0                           | 0.31              | 37.61           |
| 1.347                                                          | 26.03      | 57.7                | 0.0            | 5.08           | 0                           | 0.27              | 37.6            |
| 1.383                                                          | 26.03      | 57.7                | 1.18           | 5.08           | 0                           | 0.32              | 37.6            |
| 1.431                                                          | 26.03      | 57.72               | 1.37           | 5.05           | 0                           | 0.31              | 37.61           |
| 1.449                                                          | 26.03      | 57.73               | 0.27           | 5.03           | 0                           | 0.27              | 37.62           |
| 1.472                                                          | 26.04      | 57.73               | 0.69           | 5.04           | 0                           | 0.25              | 37.61           |
| 1.498                                                          | 26.04      | 57.73               | 0.99           | 5.06           | 0                           | 0.27              | 37.61           |
| 1.539                                                          | 26.04      | 57.73               | 0.27           | 5.08           | 0                           | 0.37              | 37.61           |
| 1.57                                                           | 26.04      | 57.73               | 0.3            | 5.08           | 0                           | 0.29              | 37.61           |
| 1.599                                                          | 26.05      | 57.72               | 0.42           | 5.06           | 0                           | 0.26              | 37.6            |
| 1.619                                                          | 26.05      | 57.73               | 0.42           | 5.03           | 0                           | 0.27              | 37.6            |
| 1.638                                                          | 26.05      | 57.74               | 0.3            | 4.98           | 0                           | 0.28              | 37.61           |
| 1.659                                                          | 26.06      | 57.73               | 0.5            | 4.94           | 0                           | 0.28              | 37.6            |
| 1.683                                                          | 26.07      | 57.73               | 0.38           | 4.91           | 0                           | 0.31              | 37.59           |
| 1.712                                                          | 26.07      | 57.74               | 0.34           | 4.88           | 0                           | 0.3               | 37.59           |
| 1.746                                                          | 26.08      | 57.74               | 0.38           | 4.87           | 0                           | 0.34              | 37.58           |
| 1.775                                                          | 26.09      | 57.72               | 0.53           | 4.87           | 0                           | 0.31              | 37.57           |
| 1.801                                                          | 26.09      | 57.74               | 0.34           | 4.87           | 0                           | 0.26              | 37.58           |
| 1.828                                                          | 26.1       | 57.75               | 0.8            | 4.85           | 0                           | 0.4               | 37.58           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.854 | 26.1  | 57.74 | 0.61 | 4.84 | 0 | 0.32 | 37.57 |
| 1.872 | 26.1  | 57.74 | 0.69 | 4.85 | 0 | 0.32 | 37.57 |
| 1.89  | 26.1  | 57.74 | 0.65 | 4.84 | 0 | 0.27 | 37.57 |
| 1.904 | 26.11 | 57.75 | 0.38 | 4.82 | 0 | 0.32 | 37.57 |
| 1.923 | 26.11 | 57.77 | 0.42 | 4.8  | 0 | 0.32 | 37.58 |
| 1.955 | 26.11 | 57.77 | 0.61 | 4.82 | 0 | 0.31 | 37.58 |
| 1.988 | 26.11 | 57.76 | 0.27 | 4.85 | 0 | 0.34 | 37.57 |
| 2.021 | 26.11 | 57.75 | 0.3  | 4.9  | 0 | 0.3  | 37.57 |
| 2.039 | 26.11 | 57.74 | 0.42 | 4.94 | 0 | 0.34 | 37.56 |
| 2.059 | 26.11 | 57.78 | 0.53 | 4.97 | 0 | 0.31 | 37.59 |
| 2.082 | 26.12 | 57.8  | 0.42 | 4.99 | 0 | 0.32 | 37.6  |
| 2.11  | 26.12 | 57.77 | 0.46 | 5.01 | 0 | 0.36 | 37.57 |
| 2.135 | 26.13 | 57.76 | 0.53 | 5.03 | 0 | 0.34 | 37.56 |
| 2.16  | 26.13 | 57.78 | 0.65 | 5.02 | 0 | 0.31 | 37.57 |
| 2.177 | 26.13 | 57.78 | 0.84 | 4.99 | 0 | 0.27 | 37.57 |
| 2.195 | 26.13 | 57.8  | 0.84 | 4.95 | 0 | 0.34 | 37.58 |
| 2.217 | 26.13 | 57.81 | 0.34 | 4.94 | 0 | 0.38 | 37.59 |
| 2.244 | 26.13 | 57.79 | 0.95 | 4.97 | 0 | 0.37 | 37.58 |
| 2.267 | 26.14 | 57.81 | 0.57 | 5.0  | 0 | 0.34 | 37.59 |
| 2.291 | 26.14 | 57.84 | 0.46 | 5.02 | 0 | 0.37 | 37.61 |
| 2.318 | 26.15 | 57.86 | 0.53 | 5.03 | 0 | 0.34 | 37.62 |
| 2.34  | 26.15 | 57.87 | 0.46 | 5.05 | 0 | 0.26 | 37.62 |
| 2.364 | 26.16 | 57.9  | 0.46 | 5.07 | 0 | 0.27 | 37.64 |
| 2.393 | 26.16 | 57.93 | 0.38 | 5.07 | 0 | 0.33 | 37.66 |
| 2.42  | 26.17 | 57.95 | 0.38 | 5.06 | 0 | 0.35 | 37.67 |
| 2.449 | 26.18 | 57.97 | 0.19 | 5.07 | 0 | 0.32 | 37.68 |
| 2.476 | 26.18 | 58.0  | 0.34 | 5.08 | 0 | 0.32 | 37.69 |
| 2.501 | 26.19 | 58.01 | 0.42 | 5.1  | 0 | 0.35 | 37.7  |
| 2.527 | 26.19 | 58.02 | 0.46 | 5.14 | 0 | 0.29 | 37.7  |
| 2.556 | 26.2  | 58.04 | 0.53 | 5.19 | 0 | 0.36 | 37.71 |
| 2.576 | 26.2  | 58.06 | 0.42 | 5.24 | 0 | 0.35 | 37.72 |
| 2.59  | 26.21 | 58.07 | 0.72 | 5.31 | 0 | 0.41 | 37.72 |
| 2.601 | 26.21 | 58.09 | 0.65 | 5.38 | 0 | 0.35 | 37.73 |
| 2.618 | 26.22 | 58.1  | 0.5  | 5.45 | 0 | 0.27 | 37.74 |
| 2.634 | 26.23 | 58.11 | 0.53 | 5.52 | 0 | 0.36 | 37.74 |
| 2.654 | 26.24 | 58.14 | 0.19 | 5.6  | 0 | 0.47 | 37.75 |
| 2.681 | 26.24 | 58.14 | 0.69 | 5.71 | 0 | 0.3  | 37.75 |
| 2.71  | 26.25 | 58.16 | 0.38 | 5.83 | 0 | 0.39 | 37.75 |
| 2.752 | 26.25 | 58.18 | 0.5  | 5.96 | 0 | 0.35 | 37.76 |
| 2.786 | 26.26 | 58.18 | 0.53 | 6.09 | 0 | 0.33 | 37.76 |
| 2.823 | 26.26 | 58.19 | 0.34 | 6.17 | 0 | 0.34 | 37.77 |
| 2.846 | 26.27 | 58.19 | 0.27 | 6.23 | 0 | 0.35 | 37.76 |
| 2.85  | 26.27 | 58.22 | 0.8  | 6.25 | 0 | 0.37 | 37.78 |
| 2.859 | 26.28 | 58.27 | 1.18 | 6.27 | 0 | 0.42 | 37.81 |
| 2.879 | 26.3  | 58.34 | 1.14 | 6.26 | 0 | 0.43 | 37.84 |
| 2.908 | 26.33 | 58.43 | 0.69 | 6.27 | 0 | 0.37 | 37.88 |
| 2.935 | 26.36 | 58.49 | 0.53 | 6.27 | 0 | 0.32 | 37.91 |
| 2.959 | 26.38 | 58.52 | 0.27 | 6.25 | 0 | 0.34 | 37.91 |
| 2.982 | 26.4  | 58.57 | 0.3  | 6.23 | 0 | 0.4  | 37.93 |
| 3.002 | 26.42 | 58.61 | 0.99 | 6.22 | 0 | 0.47 | 37.95 |
| 3.03  | 26.43 | 58.66 | 0.76 | 6.24 | 0 | 0.37 | 37.97 |
| 3.062 | 26.45 | 58.71 | 0.72 | 6.26 | 0 | 0.34 | 37.99 |
| 3.088 | 26.47 | 58.76 | 0.69 | 6.27 | 0 | 0.42 | 38.01 |
| 3.109 | 26.49 | 58.8  | 0.84 | 6.28 | 0 | 0.34 | 38.03 |
| 3.12  | 26.51 | 58.83 | 0.84 | 6.28 | 0 | 0.39 | 38.03 |
| 3.133 | 26.52 | 58.86 | 0.61 | 6.29 | 0 | 0.35 | 38.04 |
| 3.155 | 26.53 | 58.88 | 0.57 | 6.29 | 0 | 0.36 | 38.05 |
| 3.195 | 26.53 | 58.89 | 0.53 | 6.29 | 0 | 0.37 | 38.05 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.235 | 26.54 | 58.89 | 0.5  | 6.31 | 0 | 0.41 | 38.05 |
| 3.276 | 26.54 | 58.9  | 0.72 | 6.31 | 0 | 0.4  | 38.06 |
| 3.3   | 26.54 | 58.91 | 0.42 | 6.31 | 0 | 0.42 | 38.06 |
| 3.32  | 26.54 | 58.91 | 0.53 | 6.31 | 0 | 0.43 | 38.06 |
| 3.331 | 26.55 | 58.92 | 0.92 | 6.31 | 0 | 0.42 | 38.07 |
| 3.347 | 26.55 | 58.92 | 0.53 | 6.29 | 0 | 0.4  | 38.07 |
| 3.354 | 26.55 | 58.92 | 0.53 | 6.28 | 0 | 0.42 | 38.07 |
| 3.369 | 26.55 | 58.93 | 0.42 | 6.29 | 0 | 0.35 | 38.07 |
| 3.394 | 26.55 | 58.93 | 0.69 | 6.31 | 0 | 0.41 | 38.07 |
| 3.423 | 26.55 | 58.93 | 0.5  | 6.35 | 0 | 0.38 | 38.07 |
| 3.452 | 26.55 | 58.93 | 0.57 | 6.38 | 0 | 0.34 | 38.07 |
| 3.483 | 26.55 | 58.93 | 0.42 | 6.41 | 0 | 0.44 | 38.08 |
| 3.505 | 26.55 | 58.94 | 0.88 | 6.43 | 0 | 0.5  | 38.08 |
| 3.527 | 26.55 | 58.95 | 0.72 | 6.45 | 0 | 0.48 | 38.09 |
| 3.552 | 26.55 | 58.96 | 0.76 | 6.45 | 0 | 0.45 | 38.09 |
| 3.572 | 26.55 | 58.96 | 0.34 | 6.45 | 0 | 0.44 | 38.09 |
| 3.581 | 26.56 | 58.98 | 0.61 | 6.46 | 0 | 0.5  | 38.1  |
| 3.598 | 26.56 | 59.09 | 0.61 | 6.45 | 0 | 0.46 | 38.18 |
| 3.612 | 26.58 | 59.2  | 0.61 | 6.44 | 0 | 0.51 | 38.24 |
| 3.632 | 26.6  | 59.17 | 0.53 | 6.43 | 0 | 0.42 | 38.2  |
| 3.648 | 26.61 | 59.28 | 0.42 | 6.42 | 0 | 0.43 | 38.27 |
| 3.67  | 26.64 | 59.5  | 0.76 | 6.4  | 0 | 0.45 | 38.41 |
| 3.701 | 26.67 | 59.64 | 0.61 | 6.39 | 0 | 0.46 | 38.48 |
| 3.741 | 26.71 | 59.73 | 0.19 | 6.4  | 0 | 0.44 | 38.52 |
| 3.777 | 26.75 | 59.89 | 0.46 | 6.42 | 0 | 0.37 | 38.61 |
| 3.813 | 26.78 | 60.04 | 0.5  | 6.44 | 0 | 0.4  | 38.69 |
| 3.832 | 26.83 | 60.31 | 0.8  | 6.45 | 0 | 0.37 | 38.85 |
| 3.835 | 26.88 | 60.53 | 0.42 | 6.45 | 0 | 0.42 | 38.97 |
| 3.842 | 26.93 | 60.58 | 0.69 | 6.45 | 0 | 0.47 | 38.95 |
| 3.852 | 26.97 | 60.74 | 0.69 | 6.44 | 0 | 0.49 | 39.04 |
| 3.866 | 27.01 | 60.87 | 0.69 | 6.42 | 0 | 0.45 | 39.1  |
| 3.888 | 27.05 | 60.92 | 0.42 | 6.39 | 0 | 0.51 | 39.11 |
| 3.91  | 27.07 | 61.01 | 0.53 | 6.35 | 0 | 0.42 | 39.15 |
| 3.94  | 27.1  | 61.05 | 0.72 | 6.31 | 0 | 0.41 | 39.16 |
| 3.973 | 27.12 | 61.09 | 0.65 | 6.28 | 0 | 0.43 | 39.17 |
| 3.995 | 27.13 | 61.18 | 0.15 | 6.26 | 0 | 0.46 | 39.22 |
| 4.009 | 27.15 | 61.38 | 0.15 | 6.22 | 0 | 0.4  | 39.36 |
| 4.018 | 27.18 | 61.57 | 0.53 | 6.19 | 0 | 0.48 | 39.46 |
| 4.033 | 27.23 | 61.72 | 0.53 | 6.16 | 0 | 0.5  | 39.53 |
| 4.051 | 27.27 | 61.83 | 0.61 | 6.14 | 0 | 0.42 | 39.58 |
| 4.068 | 27.31 | 62.09 | 0.34 | 6.11 | 0 | 0.45 | 39.73 |
| 4.093 | 27.36 | 62.18 | 0.38 | 6.08 | 0 | 0.47 | 39.75 |
| 4.12  | 27.4  | 62.27 | 0.57 | 6.06 | 0 | 0.56 | 39.79 |
| 4.138 | 27.43 | 62.47 | 0.69 | 6.01 | 0 | 0.5  | 39.91 |
| 4.148 | 27.47 | 62.68 | 0.76 | 5.97 | 0 | 0.53 | 40.02 |
| 4.162 | 27.51 | 62.86 | 0.61 | 5.96 | 0 | 0.55 | 40.11 |
| 4.18  | 27.56 | 62.94 | 0.34 | 5.96 | 0 | 0.53 | 40.13 |
| 4.195 | 27.59 | 62.97 | 0.8  | 5.98 | 0 | 0.55 | 40.13 |
| 4.209 | 27.62 | 63.04 | 0.95 | 6.0  | 0 | 0.53 | 40.16 |
| 4.222 | 27.64 | 63.1  | 0.88 | 6.03 | 0 | 0.48 | 40.18 |
| 4.242 | 27.65 | 63.13 | 0.76 | 6.09 | 0 | 0.47 | 40.19 |
| 4.266 | 27.67 | 63.23 | 0.8  | 6.14 | 0 | 0.53 | 40.25 |
| 4.3   | 27.69 | 63.34 | 0.84 | 6.2  | 0 | 0.5  | 40.31 |
| 4.342 | 27.71 | 63.61 | 0.69 | 6.25 | 0 | 0.46 | 40.49 |
| 4.374 | 27.75 | 64.0  | 0.69 | 6.28 | 0 | 0.51 | 40.73 |
| 4.396 | 27.81 | 64.04 | 0.69 | 6.32 | 0 | 0.48 | 40.72 |
| 4.404 | 27.89 | 64.42 | 0.65 | 6.33 | 0 | 0.53 | 40.92 |
| 4.405 | 27.92 | 64.58 | 0.69 | 6.26 | 0 | 0.45 | 41.0  |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.42  | 27.95 | 64.62 | 0.69 | 6.21 | 0 | 0.47 | 41.01 |
| 4.44  | 27.97 | 64.62 | 0.76 | 6.19 | 0 | 0.47 | 40.99 |
| 4.476 | 27.98 | 64.63 | 0.8  | 6.16 | 0 | 0.5  | 40.98 |
| 4.518 | 27.99 | 64.64 | 0.69 | 6.14 | 0 | 0.6  | 40.98 |
| 4.558 | 28.0  | 64.67 | 0.42 | 6.12 | 0 | 0.53 | 41.0  |
| 4.583 | 28.0  | 64.71 | 0.61 | 6.09 | 0 | 0.49 | 41.03 |
| 4.599 | 28.01 | 64.79 | 0.57 | 6.04 | 0 | 0.56 | 41.08 |
| 4.623 | 28.02 | 64.9  | 0.92 | 5.99 | 0 | 0.53 | 41.15 |
| 4.643 | 28.03 | 65.03 | 0.61 | 5.96 | 0 | 0.58 | 41.24 |
| 4.657 | 28.04 | 65.14 | 0.76 | 5.92 | 0 | 0.49 | 41.3  |
| 4.67  | 28.06 | 65.29 | 0.69 | 5.89 | 0 | 0.61 | 41.4  |
| 4.686 | 28.08 | 65.45 | 0.76 | 5.84 | 0 | 0.59 | 41.49 |
| 4.708 | 28.11 | 65.57 | 1.11 | 5.81 | 0 | 0.58 | 41.55 |
| 4.732 | 28.12 | 65.63 | 0.65 | 5.81 | 0 | 0.56 | 41.59 |
| 4.755 | 28.14 | 65.68 | 0.61 | 5.8  | 0 | 0.53 | 41.6  |
| 4.773 | 28.15 | 65.74 | 0.5  | 5.75 | 0 | 0.53 | 41.63 |
| 4.786 | 28.17 | 65.89 | 0.53 | 5.65 | 0 | 0.6  | 41.73 |
| 4.795 | 28.2  | 66.02 | 0.38 | 5.54 | 0 | 0.63 | 41.8  |
| 4.823 | 28.22 | 66.07 | 0.8  | 5.43 | 0 | 0.58 | 41.82 |
| 4.859 | 28.24 | 66.15 | 0.69 | 5.35 | 0 | 0.65 | 41.86 |
| 4.904 | 28.26 | 66.29 | 0.76 | 5.28 | 0 | 0.53 | 41.94 |
| 4.935 | 28.28 | 66.39 | 1.11 | 5.22 | 0 | 0.47 | 41.99 |
| 4.951 | 28.31 | 66.48 | 1.07 | 5.2  | 0 | 0.58 | 42.03 |
| 4.962 | 28.33 | 66.66 | 1.11 | 5.22 | 0 | 0.58 | 42.14 |
| 4.975 | 28.36 | 66.77 | 0.72 | 5.28 | 0 | 0.59 | 42.19 |
| 4.988 | 28.39 | 66.89 | 0.99 | 5.34 | 0 | 0.61 | 42.26 |
| 4.998 | 28.41 | 67.0  | 0.61 | 5.43 | 0 | 0.56 | 42.32 |
| 5.018 | 28.43 | 67.09 | 0.65 | 5.53 | 0 | 0.65 | 42.36 |
| 5.042 | 28.45 | 67.14 | 0.57 | 5.65 | 0 | 0.57 | 42.37 |
| 5.058 | 28.47 | 67.15 | 0.92 | 5.76 | 0 | 0.58 | 42.37 |
| 5.089 | 28.48 | 67.2  | 0.69 | 5.85 | 0 | 0.58 | 42.39 |
| 5.126 | 28.49 | 67.25 | 0.99 | 5.92 | 0 | 0.66 | 42.42 |
| 5.151 | 28.5  | 67.33 | 0.92 | 5.99 | 0 | 0.63 | 42.47 |
| 5.169 | 28.51 | 67.43 | 0.76 | 6.05 | 0 | 0.61 | 42.54 |
| 5.187 | 28.52 | 67.5  | 0.76 | 6.06 | 0 | 0.61 | 42.57 |
| 5.213 | 28.53 | 67.57 | 0.69 | 6.06 | 0 | 0.6  | 42.62 |
| 5.233 | 28.54 | 67.65 | 1.07 | 6.04 | 0 | 0.62 | 42.67 |
| 5.249 | 28.55 | 67.72 | 0.92 | 6.02 | 0 | 0.69 | 42.71 |
| 5.269 | 28.56 | 67.86 | 0.76 | 5.98 | 0 | 0.61 | 42.8  |
| 5.294 | 28.57 | 67.91 | 0.99 | 5.94 | 0 | 0.61 | 42.83 |
| 5.302 | 28.58 | 67.98 | 0.76 | 5.87 | 0 | 0.69 | 42.87 |
| 5.316 | 28.58 | 68.05 | 0.92 | 5.79 | 0 | 0.53 | 42.91 |
| 5.351 | 28.59 | 68.07 | 0.92 | 5.67 | 0 | 0.6  | 42.92 |
| 5.387 | 28.6  | 68.09 | 0.5  | 5.55 | 0 | 0.56 | 42.92 |
| 5.407 | 28.6  | 68.1  | 1.11 | 5.44 | 0 | 0.57 | 42.93 |
| 5.411 | 28.61 | 68.16 | 0.8  | 5.17 | 0 | 0.65 | 42.97 |
| 5.42  | 28.61 | 68.17 | 0.88 | 5.04 | 0 | 0.6  | 42.98 |
| 5.421 | 28.61 | 68.18 | 0.92 | 4.93 | 0 | 0.63 | 42.98 |
| 5.431 | 28.62 | 67.93 | 0.95 | 4.84 | 0 | 0.6  | 42.8  |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 24.81      | 56.16               | 0.0            | 4.99           | 0                           | 0.18              | 37.43           |
| PROF (metros)                                                                | 7.532      | 7.347               | 0.735          | 0.735          | 0                           | 6.692             | 1.224           |
| MÁXIMO                                                                       | 27.4       | 27.4                | 1.56           | 7.01           | 0                           | 0.48              | 40.76           |
| PROF (metros)                                                                | 8.381      | 8.72                | 2.639          | 5.768          | 0                           | 8.508             | 8.72            |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N5F - Punto 008                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |

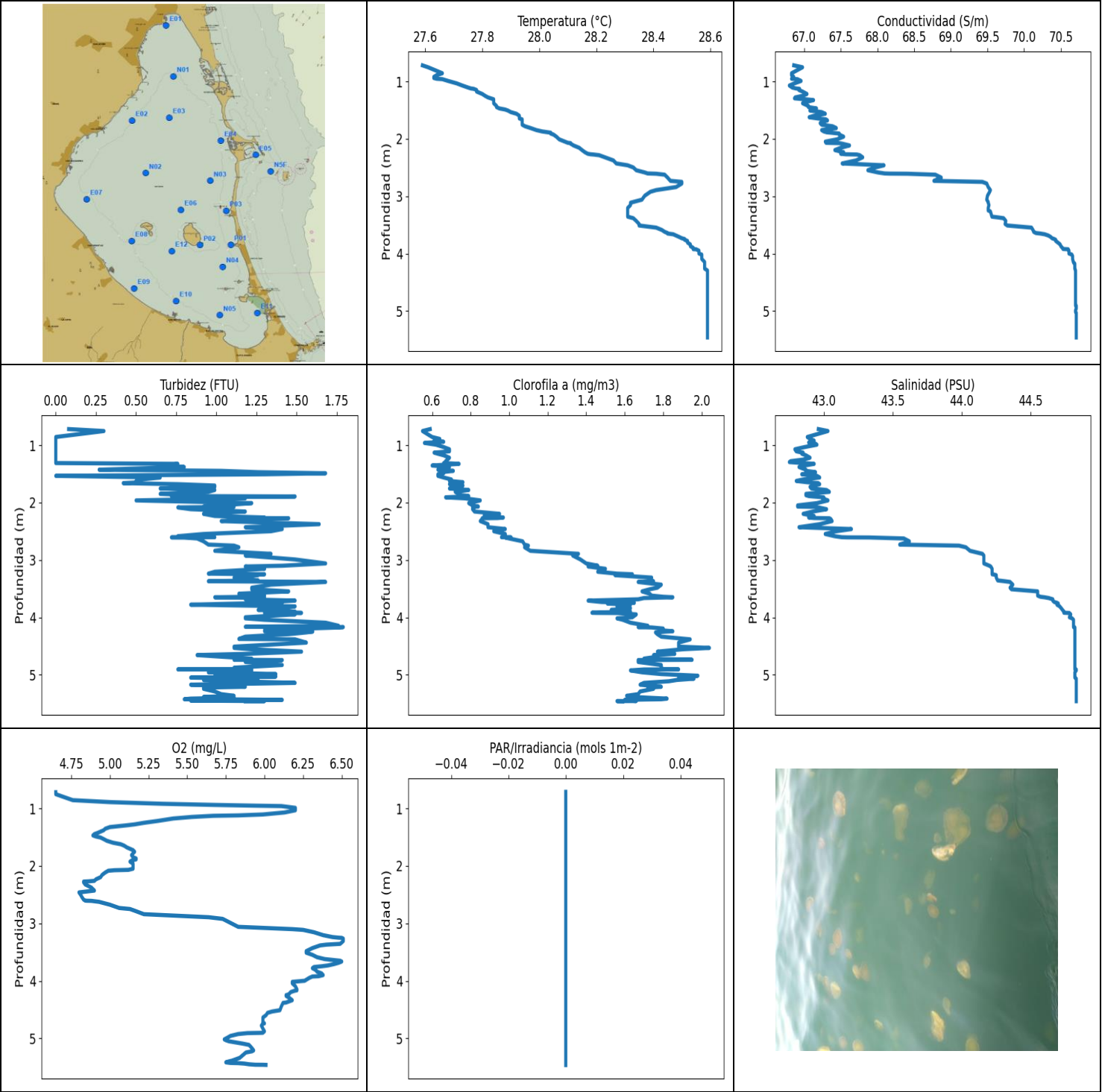
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.735                                                          | 25.77      | 57.2                | 0.0            | 4.99           | 0                           | 0.25              | 37.44           |
| 0.879                                                          | 25.77      | 57.26               | 1.3            | 6.37           | 0                           | 0.24              | 37.48           |
| 0.958                                                          | 25.78      | 57.26               | 1.07           | 6.32           | 0                           | 0.21              | 37.48           |
| 1.058                                                          | 25.79      | 57.23               | 0.72           | 6.21           | 0                           | 0.27              | 37.45           |
| 1.113                                                          | 25.79      | 57.28               | 0.99           | 5.58           | 0                           | 0.29              | 37.49           |
| 1.167                                                          | 25.79      | 57.25               | 1.26           | 5.55           | 0                           | 0.25              | 37.46           |
| 1.224                                                          | 25.8       | 57.21               | 0.61           | 5.52           | 0                           | 0.29              | 37.43           |
| 1.273                                                          | 25.79      | 57.27               | 0.92           | 5.47           | 0                           | 0.28              | 37.48           |
| 1.32                                                           | 25.79      | 57.26               | 0.99           | 5.5            | 0                           | 0.24              | 37.47           |
| 1.39                                                           | 25.79      | 57.24               | 0.76           | 5.54           | 0                           | 0.27              | 37.45           |
| 1.447                                                          | 25.79      | 57.28               | 0.38           | 5.53           | 0                           | 0.27              | 37.49           |
| 1.519                                                          | 25.79      | 57.26               | 0.61           | 5.54           | 0                           | 0.19              | 37.47           |
| 1.596                                                          | 25.8       | 57.23               | 0.46           | 5.53           | 0                           | 0.25              | 37.45           |
| 1.599                                                          | 25.79      | 57.29               | 0.69           | 5.46           | 0                           | 0.31              | 37.49           |
| 1.646                                                          | 25.79      | 57.28               | 0.53           | 5.49           | 0                           | 0.24              | 37.49           |
| 1.728                                                          | 25.79      | 57.27               | 1.41           | 5.53           | 0                           | 0.25              | 37.48           |
| 1.757                                                          | 25.8       | 57.3                | 1.11           | 5.79           | 0                           | 0.34              | 37.5            |
| 1.811                                                          | 25.8       | 57.29               | 0.5            | 5.81           | 0                           | 0.27              | 37.49           |
| 1.855                                                          | 25.8       | 57.28               | 0.34           | 5.81           | 0                           | 0.24              | 37.48           |
| 1.87                                                           | 25.8       | 57.29               | 0.76           | 5.8            | 0                           | 0.25              | 37.48           |
| 1.879                                                          | 25.8       | 57.3                | 0.53           | 5.79           | 0                           | 0.29              | 37.49           |
| 1.904                                                          | 25.8       | 57.31               | 0.72           | 5.8            | 0                           | 0.23              | 37.5            |
| 1.982                                                          | 25.8       | 57.31               | 0.99           | 5.82           | 0                           | 0.24              | 37.5            |
| 2.026                                                          | 25.78      | 57.28               | 0.88           | 5.85           | 0                           | 0.25              | 37.49           |
| 2.066                                                          | 25.77      | 57.27               | 0.65           | 5.92           | 0                           | 0.21              | 37.49           |
| 2.135                                                          | 25.76      | 57.26               | 0.15           | 6.01           | 0                           | 0.31              | 37.5            |
| 2.205                                                          | 25.75      | 57.26               | 0.65           | 6.1            | 0                           | 0.26              | 37.5            |
| 2.218                                                          | 25.74      | 57.24               | 0.23           | 6.42           | 0                           | 0.24              | 37.5            |
| 2.236                                                          | 25.73      | 57.23               | 0.42           | 6.44           | 0                           | 0.24              | 37.5            |
| 2.294                                                          | 25.73      | 57.23               | 0.38           | 6.46           | 0                           | 0.27              | 37.5            |
| 2.365                                                          | 25.72      | 57.23               | 0.57           | 6.47           | 0                           | 0.34              | 37.5            |
| 2.423                                                          | 25.69      | 57.19               | 0.42           | 6.58           | 0                           | 0.25              | 37.5            |
| 2.449                                                          | 25.69      | 57.19               | 0.53           | 6.6            | 0                           | 0.27              | 37.5            |
| 2.496                                                          | 25.69      | 57.19               | 0.57           | 6.59           | 0                           | 0.25              | 37.5            |
| 2.548                                                          | 25.69      | 57.19               | 0.84           | 6.58           | 0                           | 0.24              | 37.5            |
| 2.559                                                          | 25.7       | 57.2                | 0.76           | 6.53           | 0                           | 0.27              | 37.51           |
| 2.583                                                          | 25.7       | 57.22               | 0.99           | 6.55           | 0                           | 0.24              | 37.51           |
| 2.639                                                          | 25.71      | 57.22               | 1.56           | 6.58           | 0                           | 0.25              | 37.51           |
| 2.686                                                          | 25.71      | 57.22               | 0.92           | 6.64           | 0                           | 0.31              | 37.51           |
| 2.695                                                          | 25.71      | 57.21               | 0.76           | 6.74           | 0                           | 0.27              | 37.49           |
| 2.706                                                          | 25.7       | 57.19               | 0.92           | 6.75           | 0                           | 0.19              | 37.49           |
| 2.754                                                          | 25.7       | 57.18               | 0.69           | 6.74           | 0                           | 0.24              | 37.49           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 2.828 | 25.69 | 57.18 | 0.61 | 6.72 | 0 | 0.28 | 37.49 |
| 2.833 | 25.66 | 57.15 | 0.5  | 6.74 | 0 | 0.21 | 37.5  |
| 2.859 | 25.66 | 57.16 | 0.15 | 6.74 | 0 | 0.26 | 37.5  |
| 2.922 | 25.66 | 57.16 | 0.27 | 6.76 | 0 | 0.29 | 37.5  |
| 2.997 | 25.66 | 57.16 | 0.3  | 6.78 | 0 | 0.24 | 37.51 |
| 3.022 | 25.67 | 57.17 | 0.3  | 6.81 | 0 | 0.28 | 37.51 |
| 3.027 | 25.67 | 57.18 | 0.53 | 6.83 | 0 | 0.3  | 37.51 |
| 3.08  | 25.68 | 57.19 | 0.34 | 6.84 | 0 | 0.29 | 37.51 |
| 3.135 | 25.69 | 57.18 | 0.46 | 6.88 | 0 | 0.29 | 37.49 |
| 3.16  | 25.68 | 57.18 | 0.04 | 6.88 | 0 | 0.3  | 37.5  |
| 3.209 | 25.68 | 57.18 | 1.22 | 6.87 | 0 | 0.26 | 37.5  |
| 3.273 | 25.68 | 57.18 | 0.69 | 6.86 | 0 | 0.29 | 37.5  |
| 3.318 | 25.68 | 57.17 | 0.53 | 6.85 | 0 | 0.32 | 37.49 |
| 3.331 | 25.66 | 57.15 | 0.42 | 6.8  | 0 | 0.27 | 37.49 |
| 3.349 | 25.66 | 57.13 | 0.53 | 6.78 | 0 | 0.24 | 37.49 |
| 3.381 | 25.65 | 57.13 | 0.53 | 6.77 | 0 | 0.28 | 37.49 |
| 3.423 | 25.64 | 57.13 | 0.11 | 6.76 | 0 | 0.27 | 37.5  |
| 3.456 | 25.64 | 57.13 | 0.34 | 6.76 | 0 | 0.25 | 37.5  |
| 3.481 | 25.64 | 57.14 | 0.38 | 6.9  | 0 | 0.19 | 37.51 |
| 3.528 | 25.65 | 57.15 | 0.61 | 6.9  | 0 | 0.31 | 37.51 |
| 3.635 | 25.65 | 57.12 | 0.99 | 6.92 | 0 | 0.32 | 37.49 |
| 3.67  | 25.59 | 57.09 | 0.53 | 6.98 | 0 | 0.22 | 37.5  |
| 3.683 | 25.6  | 57.09 | 0.34 | 6.96 | 0 | 0.3  | 37.5  |
| 3.71  | 25.6  | 57.09 | 0.19 | 6.96 | 0 | 0.29 | 37.5  |
| 3.763 | 25.6  | 57.07 | 0.61 | 6.95 | 0 | 0.27 | 37.49 |
| 3.824 | 25.6  | 57.07 | 0.19 | 6.95 | 0 | 0.27 | 37.49 |
| 3.891 | 25.59 | 57.05 | 0.23 | 6.95 | 0 | 0.27 | 37.48 |
| 3.899 | 25.47 | 56.9  | 0.11 | 6.96 | 0 | 0.27 | 37.46 |
| 3.922 | 25.46 | 56.89 | 0.27 | 6.94 | 0 | 0.27 | 37.47 |
| 3.993 | 25.45 | 56.88 | 0.23 | 6.94 | 0 | 0.24 | 37.47 |
| 4.022 | 25.34 | 56.76 | 0.5  | 6.76 | 0 | 0.29 | 37.47 |
| 4.028 | 25.34 | 56.77 | 0.5  | 6.68 | 0 | 0.23 | 37.48 |
| 4.086 | 25.34 | 56.77 | 0.38 | 6.65 | 0 | 0.25 | 37.48 |
| 4.173 | 25.34 | 56.74 | 0.34 | 6.68 | 0 | 0.33 | 37.46 |
| 4.242 | 25.32 | 56.71 | 0.15 | 6.73 | 0 | 0.25 | 37.45 |
| 4.262 | 25.25 | 56.64 | 0.15 | 6.66 | 0 | 0.27 | 37.45 |
| 4.283 | 25.24 | 56.63 | 0.19 | 6.61 | 0 | 0.24 | 37.46 |
| 4.331 | 25.24 | 56.64 | 0.76 | 6.6  | 0 | 0.25 | 37.46 |
| 4.392 | 25.23 | 56.63 | 0.19 | 6.61 | 0 | 0.21 | 37.46 |
| 4.418 | 25.2  | 56.56 | 0.11 | 6.73 | 0 | 0.25 | 37.43 |
| 4.441 | 25.18 | 56.54 | 0.23 | 6.7  | 0 | 0.24 | 37.43 |
| 4.492 | 25.13 | 56.46 | 0.27 | 6.77 | 0 | 0.27 | 37.43 |
| 4.517 | 25.11 | 56.47 | 0.04 | 6.78 | 0 | 0.29 | 37.44 |
| 4.597 | 25.1  | 56.47 | 0.53 | 6.82 | 0 | 0.26 | 37.45 |
| 4.701 | 25.05 | 56.4  | 0.0  | 6.87 | 0 | 0.19 | 37.44 |
| 4.739 | 25.04 | 56.4  | 0.3  | 6.81 | 0 | 0.22 | 37.44 |
| 4.808 | 25.03 | 56.38 | 0.0  | 6.73 | 0 | 0.31 | 37.44 |
| 4.828 | 25.03 | 56.38 | 0.3  | 6.72 | 0 | 0.21 | 37.44 |
| 4.871 | 25.03 | 56.38 | 0.19 | 6.74 | 0 | 0.27 | 37.44 |
| 4.947 | 25.03 | 56.38 | 0.04 | 6.79 | 0 | 0.43 | 37.44 |
| 5.015 | 25.03 | 56.38 | 0.08 | 6.84 | 0 | 0.28 | 37.44 |
| 5.058 | 25.03 | 56.37 | 0.34 | 6.77 | 0 | 0.19 | 37.44 |
| 5.069 | 25.02 | 56.37 | 0.53 | 6.74 | 0 | 0.24 | 37.44 |
| 5.085 | 25.02 | 56.37 | 0.08 | 6.73 | 0 | 0.27 | 37.44 |
| 5.118 | 25.02 | 56.37 | 0.08 | 6.73 | 0 | 0.24 | 37.44 |
| 5.171 | 25.02 | 56.37 | 0.04 | 6.76 | 0 | 0.26 | 37.44 |
| 5.231 | 25.02 | 56.37 | 0.0  | 6.8  | 0 | 0.24 | 37.44 |
| 5.25  | 25.02 | 56.35 | 0.04 | 6.87 | 0 | 0.27 | 37.43 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.27  | 25.01 | 56.35 | 0.23 | 6.82 | 0 | 0.21 | 37.44 |
| 5.305 | 25.01 | 56.35 | 0.76 | 6.79 | 0 | 0.19 | 37.44 |
| 5.339 | 25.01 | 56.35 | 0.3  | 6.77 | 0 | 0.24 | 37.44 |
| 5.372 | 25.01 | 56.35 | 0.19 | 6.74 | 0 | 0.22 | 37.44 |
| 5.41  | 25.01 | 56.35 | 0.42 | 6.73 | 0 | 0.27 | 37.44 |
| 5.441 | 25.01 | 56.35 | 0.11 | 6.74 | 0 | 0.19 | 37.44 |
| 5.481 | 25.01 | 56.35 | 0.34 | 6.79 | 0 | 0.19 | 37.44 |
| 5.508 | 25.01 | 56.35 | 0.0  | 6.83 | 0 | 0.27 | 37.44 |
| 5.544 | 25.01 | 56.35 | 0.3  | 6.88 | 0 | 0.23 | 37.44 |
| 5.564 | 25.01 | 56.35 | 0.61 | 6.91 | 0 | 0.27 | 37.44 |
| 5.583 | 25.01 | 56.35 | 0.15 | 6.94 | 0 | 0.24 | 37.44 |
| 5.592 | 25.01 | 56.35 | 0.11 | 6.94 | 0 | 0.25 | 37.44 |
| 5.61  | 25.01 | 56.35 | 0.3  | 6.81 | 0 | 0.27 | 37.44 |
| 5.621 | 25.01 | 56.35 | 0.0  | 6.8  | 0 | 0.21 | 37.44 |
| 5.682 | 25.01 | 56.35 | 0.19 | 6.83 | 0 | 0.24 | 37.44 |
| 5.76  | 25.01 | 56.35 | 0.42 | 6.86 | 0 | 0.29 | 37.44 |
| 5.768 | 25.01 | 56.35 | 0.11 | 7.01 | 0 | 0.27 | 37.44 |
| 5.769 | 25.01 | 56.35 | 0.04 | 7.0  | 0 | 0.19 | 37.44 |
| 5.8   | 25.01 | 56.35 | 0.3  | 6.94 | 0 | 0.28 | 37.44 |
| 5.851 | 25.01 | 56.35 | 0.15 | 6.89 | 0 | 0.21 | 37.44 |
| 5.915 | 25.01 | 56.35 | 0.3  | 6.86 | 0 | 0.27 | 37.44 |
| 5.944 | 25.01 | 56.36 | 0.27 | 6.84 | 0 | 0.24 | 37.44 |
| 5.955 | 25.01 | 56.36 | 0.53 | 6.82 | 0 | 0.3  | 37.44 |
| 5.96  | 25.01 | 56.36 | 0.11 | 6.8  | 0 | 0.23 | 37.44 |
| 5.973 | 25.01 | 56.36 | 0.0  | 6.87 | 0 | 0.23 | 37.44 |
| 5.978 | 25.01 | 56.36 | 0.11 | 6.89 | 0 | 0.28 | 37.44 |
| 6.042 | 25.01 | 56.36 | 0.34 | 6.92 | 0 | 0.19 | 37.44 |
| 6.131 | 25.01 | 56.36 | 0.11 | 6.96 | 0 | 0.22 | 37.44 |
| 6.138 | 25.0  | 56.34 | 0.11 | 6.92 | 0 | 0.25 | 37.44 |
| 6.192 | 25.0  | 56.35 | 0.08 | 6.9  | 0 | 0.24 | 37.44 |
| 6.261 | 24.98 | 56.32 | 0.04 | 6.91 | 0 | 0.21 | 37.44 |
| 6.3   | 24.98 | 56.32 | 0.3  | 6.89 | 0 | 0.26 | 37.44 |
| 6.356 | 24.96 | 56.3  | 0.19 | 6.88 | 0 | 0.28 | 37.44 |
| 6.387 | 24.97 | 56.3  | 0.0  | 6.9  | 0 | 0.27 | 37.44 |
| 6.445 | 24.97 | 56.3  | 0.5  | 6.92 | 0 | 0.25 | 37.44 |
| 6.53  | 24.97 | 56.29 | 0.5  | 6.93 | 0 | 0.22 | 37.43 |
| 6.577 | 24.92 | 56.25 | 0.0  | 6.89 | 0 | 0.27 | 37.44 |
| 6.605 | 24.92 | 56.26 | 0.15 | 6.88 | 0 | 0.31 | 37.44 |
| 6.652 | 24.92 | 56.25 | 0.11 | 6.89 | 0 | 0.24 | 37.44 |
| 6.692 | 24.92 | 56.25 | 0.27 | 6.91 | 0 | 0.18 | 37.44 |
| 6.717 | 24.92 | 56.25 | 0.27 | 6.94 | 0 | 0.27 | 37.43 |
| 6.722 | 24.92 | 56.24 | 0.23 | 6.97 | 0 | 0.21 | 37.43 |
| 6.735 | 24.91 | 56.23 | 0.15 | 7.0  | 0 | 0.3  | 37.43 |
| 6.75  | 24.91 | 56.23 | 0.0  | 7.0  | 0 | 0.26 | 37.43 |
| 6.779 | 24.9  | 56.23 | 0.0  | 6.99 | 0 | 0.26 | 37.44 |
| 6.813 | 24.9  | 56.23 | 0.34 | 6.98 | 0 | 0.27 | 37.44 |
| 6.866 | 24.9  | 56.22 | 0.34 | 6.97 | 0 | 0.24 | 37.44 |
| 6.924 | 24.86 | 56.19 | 0.15 | 6.91 | 0 | 0.25 | 37.44 |
| 6.946 | 24.86 | 56.19 | 0.19 | 6.91 | 0 | 0.29 | 37.44 |
| 7.011 | 24.86 | 56.19 | 0.38 | 6.92 | 0 | 0.27 | 37.44 |
| 7.087 | 24.84 | 56.18 | 0.53 | 6.84 | 0 | 0.25 | 37.45 |
| 7.129 | 24.84 | 56.18 | 0.27 | 6.8  | 0 | 0.2  | 37.45 |
| 7.207 | 24.84 | 56.17 | 0.3  | 6.8  | 0 | 0.27 | 37.45 |
| 7.278 | 24.82 | 56.17 | 0.0  | 6.96 | 0 | 0.29 | 37.46 |
| 7.292 | 24.82 | 56.17 | 0.11 | 6.96 | 0 | 0.27 | 37.46 |
| 7.347 | 24.82 | 56.16 | 0.23 | 6.95 | 0 | 0.22 | 37.46 |
| 7.416 | 24.82 | 56.17 | 0.34 | 6.95 | 0 | 0.26 | 37.46 |
| 7.426 | 24.82 | 56.18 | 0.53 | 6.91 | 0 | 0.31 | 37.47 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 7.439 | 24.82 | 56.17 | 0.46 | 6.88 | 0 | 0.27 | 37.46 |
| 7.47  | 24.82 | 56.17 | 0.27 | 6.86 | 0 | 0.25 | 37.46 |
| 7.532 | 24.81 | 56.18 | 0.11 | 6.85 | 0 | 0.34 | 37.47 |
| 7.597 | 24.82 | 56.2  | 0.69 | 6.86 | 0 | 0.29 | 37.49 |
| 7.606 | 24.87 | 56.26 | 0.0  | 6.92 | 0 | 0.24 | 37.49 |
| 7.648 | 24.86 | 56.26 | 0.08 | 6.92 | 0 | 0.23 | 37.49 |
| 7.735 | 24.86 | 56.33 | 0.11 | 6.93 | 0 | 0.26 | 37.55 |
| 7.741 | 24.98 | 56.42 | 0.19 | 6.92 | 0 | 0.31 | 37.51 |
| 7.78  | 24.96 | 56.41 | 0.42 | 6.9  | 0 | 0.24 | 37.52 |
| 7.848 | 24.95 | 56.48 | 0.57 | 6.88 | 0 | 0.2  | 37.58 |
| 7.915 | 24.96 | 56.66 | 0.69 | 6.85 | 0 | 0.25 | 37.7  |
| 7.924 | 25.35 | 56.95 | 0.61 | 6.8  | 0 | 0.23 | 37.6  |
| 7.931 | 25.22 | 56.86 | 0.19 | 6.83 | 0 | 0.26 | 37.64 |
| 7.938 | 25.19 | 56.87 | 0.04 | 6.83 | 0 | 0.27 | 37.67 |
| 7.98  | 25.18 | 56.8  | 0.23 | 6.8  | 0 | 0.27 | 37.64 |
| 8.031 | 26.75 | 60.71 | 0.0  | 6.52 | 0 | 0.21 | 39.2  |
| 8.073 | 26.6  | 60.42 | 0.15 | 6.51 | 0 | 0.18 | 39.11 |
| 8.154 | 26.49 | 61.35 | 0.61 | 6.42 | 0 | 0.23 | 39.89 |
| 8.223 | 26.58 | 62.6  | 0.5  | 6.27 | 0 | 0.24 | 40.73 |
| 8.229 | 27.12 | 62.75 | 0.34 | 5.95 | 0 | 0.2  | 40.38 |
| 8.24  | 27.13 | 62.74 | 0.42 | 5.95 | 0 | 0.24 | 40.36 |
| 8.28  | 27.12 | 62.67 | 0.3  | 5.94 | 0 | 0.25 | 40.32 |
| 8.31  | 27.25 | 62.94 | 0.72 | 5.82 | 0 | 0.24 | 40.4  |
| 8.336 | 27.22 | 62.95 | 0.57 | 5.81 | 0 | 0.24 | 40.43 |
| 8.381 | 27.4  | 63.32 | 1.11 | 5.32 | 0 | 0.35 | 40.54 |
| 8.386 | 27.29 | 63.23 | 0.69 | 5.86 | 0 | 0.37 | 40.57 |
| 8.446 | 27.29 | 63.21 | 0.65 | 5.86 | 0 | 0.37 | 40.56 |
| 8.477 | 27.29 | 63.24 | 0.3  | 5.86 | 0 | 0.27 | 40.58 |
| 8.508 | 27.28 | 63.23 | 0.69 | 5.88 | 0 | 0.48 | 40.58 |
| 8.562 | 27.28 | 63.23 | 0.76 | 5.89 | 0 | 0.44 | 40.59 |
| 8.62  | 27.28 | 63.28 | 1.14 | 5.9  | 0 | 0.38 | 40.62 |
| 8.68  | 27.28 | 63.36 | 0.84 | 5.9  | 0 | 0.44 | 40.67 |
| 8.72  | 27.31 | 63.51 | 0.65 | 5.89 | 0 | 0.34 | 40.76 |
| 8.725 | 27.34 | 63.47 | 0.69 | 5.89 | 0 | 0.4  | 40.71 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 27.59      | 66.8                | 0.0            | 4.65           | 0                           | 0.55              | 42.75           |
| PROF (metros)                                                                | 0.718      | 1.07                | 0.856          | 0.718          | 0                           | 0.752             | 1.293           |
| MÁXIMO                                                                       | 28.59      | 28.59               | 1.79           | 6.51           | 0                           | 2.04              | 44.83           |
| PROF (metros)                                                                | 4.292      | 4.907               | 4.168          | 3.264          | 0                           | 4.531             | 4.907           |



| 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) |

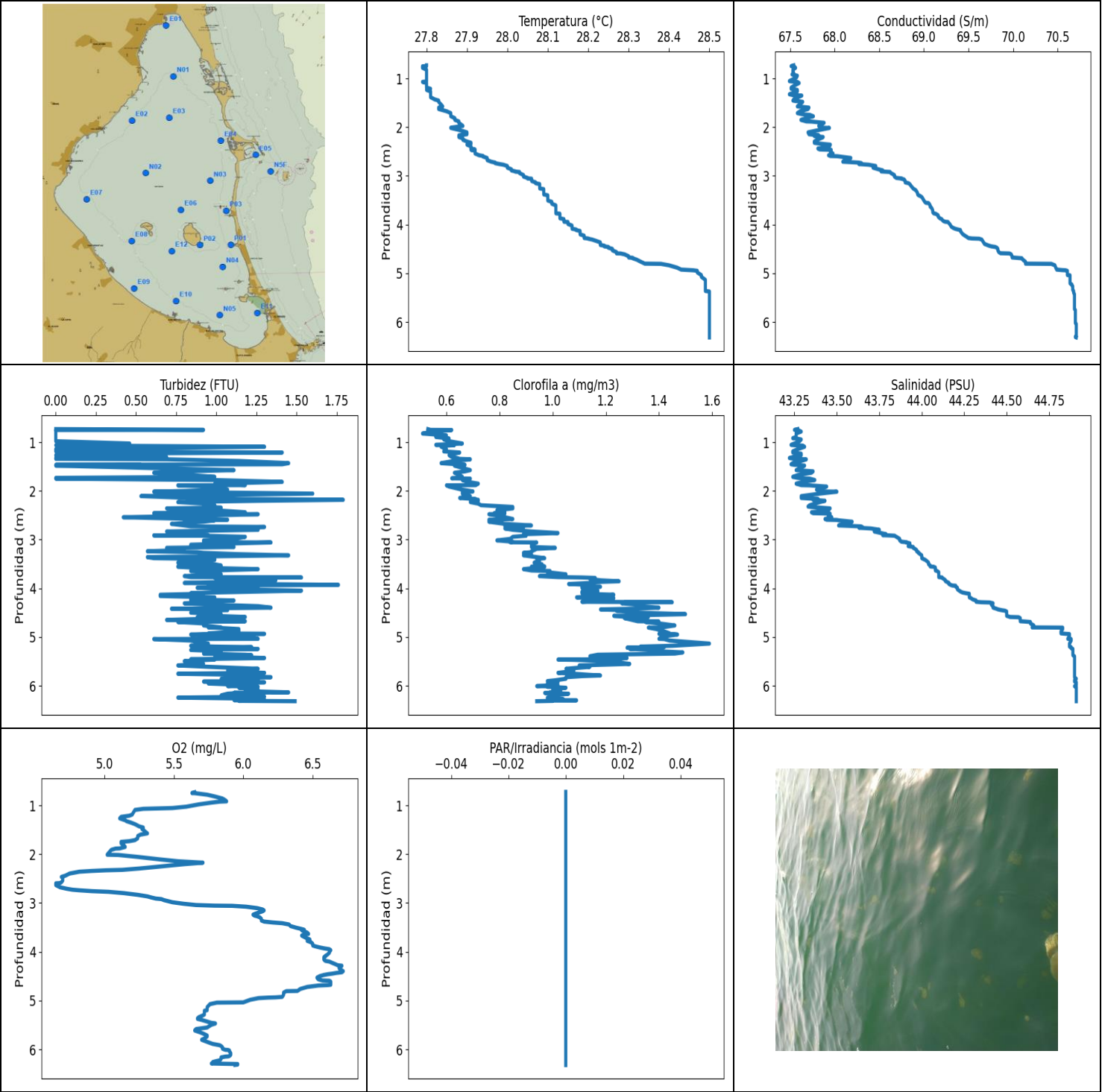
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| 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                                                          | 27.59      | 66.86               | 0.08           | 4.65           | 0                           | 0.59              | 42.96           |
| 0.752                                                          | 27.61      | 66.98               | 0.3            | 4.65           | 0                           | 0.55              | 43.03           |
| 0.856                                                          | 27.66      | 66.83               | 0.0            | 4.76           | 0                           | 0.6               | 42.88           |
| 0.89                                                           | 27.64      | 66.83               | 0.0            | 5.0            | 0                           | 0.64              | 42.9            |
| 0.919                                                          | 27.63      | 66.86               | 0.0            | 5.34           | 0                           | 0.61              | 42.93           |
| 0.939                                                          | 27.63      | 66.86               | 0.0            | 5.68           | 0                           | 0.66              | 42.92           |
| 0.952                                                          | 27.64      | 66.83               | 0.0            | 5.94           | 0                           | 0.59              | 42.89           |
| 0.959                                                          | 27.66      | 66.91               | 0.0            | 6.11           | 0                           | 0.56              | 42.93           |
| 0.99                                                           | 27.68      | 66.96               | 0.0            | 6.2            | 0                           | 0.62              | 42.95           |
| 1.032                                                          | 27.71      | 66.87               | 0.0            | 6.2            | 0                           | 0.66              | 42.86           |
| 1.07                                                           | 27.73      | 66.8                | 0.0            | 6.13           | 0                           | 0.69              | 42.79           |
| 1.105                                                          | 27.75      | 66.84               | 0.0            | 5.99           | 0                           | 0.69              | 42.8            |
| 1.121                                                          | 27.76      | 66.89               | 0.0            | 5.83           | 0                           | 0.64              | 42.83           |
| 1.128                                                          | 27.77      | 66.94               | 0.0            | 5.67           | 0                           | 0.61              | 42.85           |
| 1.148                                                          | 27.78      | 66.93               | 0.0            | 5.53           | 0                           | 0.63              | 42.84           |
| 1.175                                                          | 27.78      | 66.98               | 0.0            | 5.41           | 0                           | 0.66              | 42.87           |
| 1.217                                                          | 27.8       | 67.04               | 0.0            | 5.31           | 0                           | 0.69              | 42.9            |
| 1.25                                                           | 27.81      | 66.98               | 0.0            | 5.22           | 0                           | 0.68              | 42.85           |
| 1.277                                                          | 27.82      | 66.88               | 0.0            | 5.16           | 0                           | 0.67              | 42.76           |
| 1.293                                                          | 27.83      | 66.87               | 0.0            | 5.11           | 0                           | 0.67              | 42.75           |
| 1.31                                                           | 27.84      | 67.02               | 0.0            | 5.05           | 0                           | 0.66              | 42.85           |
| 1.324                                                          | 27.84      | 67.13               | 0.76           | 5.0            | 0                           | 0.74              | 42.93           |
| 1.353                                                          | 27.84      | 67.04               | 0.69           | 4.97           | 0                           | 0.6               | 42.86           |
| 1.379                                                          | 27.84      | 66.98               | 0.8            | 4.96           | 0                           | 0.69              | 42.82           |
| 1.426                                                          | 27.85      | 67.06               | 0.27           | 4.92           | 0                           | 0.63              | 42.87           |
| 1.446                                                          | 27.85      | 67.06               | 1.03           | 4.9            | 0                           | 0.71              | 42.87           |
| 1.469                                                          | 27.86      | 67.17               | 1.26           | 4.89           | 0                           | 0.65              | 42.94           |
| 1.488                                                          | 27.88      | 67.12               | 1.68           | 4.91           | 0                           | 0.66              | 42.89           |
| 1.506                                                          | 27.89      | 67.08               | 1.3            | 4.94           | 0                           | 0.63              | 42.84           |
| 1.533                                                          | 27.9       | 67.24               | 0.0            | 4.96           | 0                           | 0.63              | 42.95           |
| 1.562                                                          | 27.92      | 67.29               | 0.65           | 4.98           | 0                           | 0.66              | 42.97           |
| 1.596                                                          | 27.93      | 67.14               | 0.53           | 5.02           | 0                           | 0.7               | 42.85           |
| 1.622                                                          | 27.93      | 67.07               | 0.5            | 5.07           | 0                           | 0.69              | 42.8            |
| 1.644                                                          | 27.93      | 67.19               | 0.53           | 5.09           | 0                           | 0.76              | 42.88           |
| 1.66                                                           | 27.94      | 67.3                | 0.42           | 5.1            | 0                           | 0.71              | 42.96           |
| 1.678                                                          | 27.94      | 67.32               | 0.76           | 5.11           | 0                           | 0.69              | 42.97           |
| 1.702                                                          | 27.94      | 67.26               | 0.99           | 5.13           | 0                           | 0.76              | 42.93           |
| 1.725                                                          | 27.94      | 67.22               | 0.99           | 5.15           | 0                           | 0.74              | 42.9            |
| 1.753                                                          | 27.94      | 67.24               | 0.65           | 5.16           | 0                           | 0.69              | 42.91           |
| 1.78                                                           | 27.95      | 67.39               | 0.99           | 5.15           | 0                           | 0.79              | 43.02           |
| 1.812                                                          | 27.97      | 67.44               | 0.95           | 5.14           | 0                           | 0.72              | 43.04           |
| 1.847                                                          | 27.99      | 67.24               | 0.65           | 5.15           | 0                           | 0.74              | 42.87           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.87  | 28.01 | 67.27 | 0.84 | 5.17 | 0 | 0.75 | 42.87 |
| 1.885 | 28.03 | 67.31 | 0.72 | 5.17 | 0 | 0.79 | 42.89 |
| 1.892 | 28.04 | 67.37 | 1.49 | 5.16 | 0 | 0.78 | 42.92 |
| 1.907 | 28.04 | 67.48 | 0.88 | 5.14 | 0 | 0.67 | 43.0  |
| 1.925 | 28.05 | 67.48 | 1.18 | 5.13 | 0 | 0.77 | 42.99 |
| 1.961 | 28.06 | 67.54 | 0.5  | 5.15 | 0 | 0.85 | 43.03 |
| 2.008 | 28.07 | 67.45 | 1.22 | 5.15 | 0 | 0.79 | 42.95 |
| 2.048 | 28.09 | 67.29 | 1.03 | 5.15 | 0 | 0.81 | 42.81 |
| 2.068 | 28.1  | 67.3  | 0.92 | 5.12 | 0 | 0.84 | 42.81 |
| 2.074 | 28.11 | 67.48 | 1.11 | 5.03 | 0 | 0.81 | 42.94 |
| 2.083 | 28.11 | 67.52 | 0.76 | 4.99 | 0 | 0.82 | 42.96 |
| 2.114 | 28.12 | 67.62 | 0.84 | 4.97 | 0 | 0.81 | 43.02 |
| 2.155 | 28.14 | 67.5  | 1.18 | 4.95 | 0 | 0.82 | 42.92 |
| 2.195 | 28.15 | 67.42 | 0.92 | 4.94 | 0 | 0.95 | 42.85 |
| 2.232 | 28.16 | 67.54 | 0.99 | 4.91 | 0 | 0.87 | 42.93 |
| 2.259 | 28.17 | 67.5  | 1.3  | 4.9  | 0 | 0.97 | 42.89 |
| 2.268 | 28.18 | 67.57 | 1.18 | 4.86 | 0 | 0.94 | 42.93 |
| 2.272 | 28.19 | 67.72 | 1.45 | 4.83 | 0 | 0.86 | 43.04 |
| 2.284 | 28.21 | 67.76 | 1.18 | 4.83 | 0 | 0.86 | 43.05 |
| 2.321 | 28.23 | 67.8  | 1.03 | 4.84 | 0 | 0.85 | 43.06 |
| 2.375 | 28.26 | 67.71 | 1.64 | 4.88 | 0 | 0.89 | 42.97 |
| 2.428 | 28.27 | 67.52 | 1.18 | 4.9  | 0 | 0.89 | 42.82 |
| 2.46  | 28.31 | 68.09 | 1.41 | 4.8  | 0 | 0.98 | 43.2  |
| 2.498 | 28.33 | 67.97 | 1.34 | 4.81 | 0 | 0.92 | 43.09 |
| 2.546 | 28.34 | 67.87 | 0.92 | 4.82 | 0 | 0.98 | 43.01 |
| 2.585 | 28.37 | 68.01 | 0.76 | 4.83 | 0 | 0.98 | 43.08 |
| 2.602 | 28.38 | 68.1  | 0.99 | 4.84 | 0 | 0.96 | 43.13 |
| 2.605 | 28.4  | 68.17 | 0.72 | 4.85 | 0 | 1.01 | 43.17 |
| 2.607 | 28.41 | 68.41 | 0.8  | 4.88 | 0 | 0.98 | 43.33 |
| 2.624 | 28.44 | 68.79 | 0.88 | 4.93 | 0 | 1.0  | 43.58 |
| 2.674 | 28.45 | 68.87 | 0.92 | 5.0  | 0 | 1.07 | 43.62 |
| 2.731 | 28.46 | 68.77 | 0.95 | 5.06 | 0 | 1.08 | 43.55 |
| 2.749 | 28.5  | 69.43 | 1.11 | 5.13 | 0 | 1.1  | 43.98 |
| 2.778 | 28.5  | 69.49 | 1.14 | 5.16 | 0 | 1.08 | 44.03 |
| 2.839 | 28.48 | 69.51 | 0.99 | 5.22 | 0 | 1.11 | 44.06 |
| 2.892 | 28.41 | 69.54 | 1.34 | 5.64 | 0 | 1.36 | 44.15 |
| 2.921 | 28.39 | 69.53 | 1.18 | 5.73 | 0 | 1.33 | 44.16 |
| 2.99  | 28.37 | 69.5  | 1.49 | 5.78 | 0 | 1.37 | 44.16 |
| 3.059 | 28.36 | 69.49 | 1.68 | 5.83 | 0 | 1.4  | 44.16 |
| 3.099 | 28.33 | 69.51 | 1.41 | 6.18 | 0 | 1.46 | 44.2  |
| 3.112 | 28.32 | 69.51 | 1.18 | 6.25 | 0 | 1.41 | 44.21 |
| 3.153 | 28.32 | 69.52 | 1.3  | 6.32 | 0 | 1.5  | 44.22 |
| 3.204 | 28.31 | 69.51 | 0.99 | 6.38 | 0 | 1.46 | 44.22 |
| 3.237 | 28.31 | 69.51 | 0.95 | 6.44 | 0 | 1.56 | 44.22 |
| 3.248 | 28.31 | 69.51 | 1.3  | 6.48 | 0 | 1.64 | 44.22 |
| 3.251 | 28.31 | 69.52 | 1.26 | 6.5  | 0 | 1.61 | 44.23 |
| 3.264 | 28.31 | 69.54 | 1.26 | 6.51 | 0 | 1.55 | 44.25 |
| 3.306 | 28.31 | 69.55 | 1.11 | 6.51 | 0 | 1.74 | 44.25 |
| 3.355 | 28.31 | 69.56 | 1.26 | 6.49 | 0 | 1.73 | 44.26 |
| 3.369 | 28.32 | 69.65 | 0.95 | 6.4  | 0 | 1.75 | 44.31 |
| 3.382 | 28.33 | 69.72 | 1.68 | 6.36 | 0 | 1.67 | 44.35 |
| 3.429 | 28.34 | 69.75 | 1.34 | 6.31 | 0 | 1.79 | 44.37 |
| 3.482 | 28.35 | 69.74 | 1.22 | 6.27 | 0 | 1.77 | 44.35 |
| 3.509 | 28.35 | 69.77 | 1.22 | 6.27 | 0 | 1.73 | 44.36 |
| 3.546 | 28.41 | 70.1  | 1.45 | 6.31 | 0 | 1.69 | 44.55 |
| 3.587 | 28.43 | 70.12 | 1.14 | 6.34 | 0 | 1.73 | 44.55 |
| 3.62  | 28.44 | 70.13 | 1.3  | 6.39 | 0 | 1.74 | 44.55 |
| 3.64  | 28.45 | 70.16 | 1.22 | 6.46 | 0 | 1.8  | 44.57 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.649 | 28.45 | 70.22 | 0.99 | 6.49 | 0 | 1.85 | 44.6  |
| 3.662 | 28.47 | 70.28 | 1.3  | 6.5  | 0 | 1.7  | 44.63 |
| 3.684 | 28.48 | 70.33 | 1.18 | 6.48 | 0 | 1.67 | 44.66 |
| 3.707 | 28.49 | 70.36 | 1.49 | 6.45 | 0 | 1.41 | 44.66 |
| 3.731 | 28.5  | 70.38 | 1.34 | 6.41 | 0 | 1.48 | 44.67 |
| 3.745 | 28.51 | 70.41 | 1.41 | 6.37 | 0 | 1.65 | 44.69 |
| 3.758 | 28.51 | 70.43 | 1.14 | 6.32 | 0 | 1.51 | 44.7  |
| 3.778 | 28.52 | 70.43 | 0.84 | 6.31 | 0 | 1.63 | 44.69 |
| 3.807 | 28.52 | 70.46 | 1.49 | 6.33 | 0 | 1.56 | 44.71 |
| 3.838 | 28.53 | 70.49 | 1.41 | 6.34 | 0 | 1.63 | 44.72 |
| 3.869 | 28.53 | 70.5  | 1.26 | 6.37 | 0 | 1.53 | 44.73 |
| 3.898 | 28.54 | 70.52 | 1.49 | 6.38 | 0 | 1.63 | 44.74 |
| 3.918 | 28.54 | 70.53 | 1.49 | 6.35 | 0 | 1.43 | 44.74 |
| 3.921 | 28.54 | 70.57 | 1.53 | 6.33 | 0 | 1.45 | 44.76 |
| 3.923 | 28.55 | 70.6  | 1.3  | 6.31 | 0 | 1.56 | 44.78 |
| 3.947 | 28.56 | 70.61 | 1.49 | 6.29 | 0 | 1.66 | 44.79 |
| 3.997 | 28.56 | 70.61 | 1.18 | 6.26 | 0 | 1.64 | 44.78 |
| 4.016 | 28.57 | 70.65 | 1.18 | 6.18 | 0 | 1.56 | 44.8  |
| 4.041 | 28.57 | 70.66 | 1.3  | 6.18 | 0 | 1.59 | 44.81 |
| 4.092 | 28.57 | 70.66 | 1.68 | 6.2  | 0 | 1.63 | 44.81 |
| 4.145 | 28.58 | 70.67 | 1.76 | 6.21 | 0 | 1.72 | 44.81 |
| 4.163 | 28.58 | 70.68 | 1.18 | 6.21 | 0 | 1.72 | 44.81 |
| 4.168 | 28.58 | 70.68 | 1.79 | 6.2  | 0 | 1.67 | 44.81 |
| 4.175 | 28.58 | 70.69 | 1.76 | 6.19 | 0 | 1.74 | 44.82 |
| 4.194 | 28.58 | 70.69 | 1.56 | 6.17 | 0 | 1.8  | 44.82 |
| 4.224 | 28.58 | 70.69 | 1.3  | 6.16 | 0 | 1.79 | 44.82 |
| 4.241 | 28.58 | 70.69 | 1.3  | 6.15 | 0 | 1.85 | 44.82 |
| 4.246 | 28.58 | 70.69 | 1.6  | 6.14 | 0 | 1.82 | 44.82 |
| 4.261 | 28.58 | 70.69 | 1.56 | 6.14 | 0 | 1.76 | 44.82 |
| 4.292 | 28.59 | 70.7  | 1.45 | 6.16 | 0 | 1.77 | 44.82 |
| 4.335 | 28.59 | 70.7  | 1.18 | 6.18 | 0 | 1.79 | 44.82 |
| 4.375 | 28.59 | 70.7  | 1.14 | 6.14 | 0 | 1.92 | 44.82 |
| 4.382 | 28.59 | 70.7  | 1.49 | 6.12 | 0 | 1.94 | 44.82 |
| 4.439 | 28.59 | 70.7  | 1.56 | 6.11 | 0 | 1.88 | 44.82 |
| 4.509 | 28.59 | 70.7  | 1.11 | 6.1  | 0 | 1.88 | 44.82 |
| 4.531 | 28.59 | 70.7  | 1.11 | 6.05 | 0 | 2.04 | 44.82 |
| 4.555 | 28.59 | 70.7  | 1.22 | 6.02 | 0 | 1.9  | 44.82 |
| 4.596 | 28.59 | 70.7  | 1.53 | 6.01 | 0 | 1.77 | 44.82 |
| 4.635 | 28.59 | 70.7  | 1.18 | 5.99 | 0 | 1.86 | 44.82 |
| 4.656 | 28.59 | 70.7  | 0.88 | 5.99 | 0 | 1.75 | 44.82 |
| 4.684 | 28.59 | 70.7  | 1.03 | 5.99 | 0 | 1.77 | 44.82 |
| 4.718 | 28.59 | 70.7  | 1.22 | 5.99 | 0 | 1.7  | 44.82 |
| 4.738 | 28.59 | 70.7  | 1.11 | 6.0  | 0 | 1.95 | 44.82 |
| 4.743 | 28.59 | 70.7  | 1.41 | 5.99 | 0 | 1.67 | 44.82 |
| 4.776 | 28.59 | 70.7  | 1.18 | 5.98 | 0 | 1.67 | 44.82 |
| 4.829 | 28.59 | 70.7  | 1.41 | 5.99 | 0 | 1.79 | 44.82 |
| 4.876 | 28.59 | 70.7  | 1.11 | 6.0  | 0 | 1.79 | 44.82 |
| 4.901 | 28.59 | 70.7  | 1.22 | 5.99 | 0 | 1.8  | 44.82 |
| 4.903 | 28.59 | 70.7  | 1.11 | 5.97 | 0 | 1.84 | 44.82 |
| 4.905 | 28.59 | 70.7  | 0.76 | 5.93 | 0 | 1.88 | 44.82 |
| 4.907 | 28.59 | 70.71 | 1.18 | 5.89 | 0 | 1.7  | 44.83 |
| 4.923 | 28.59 | 70.71 | 1.22 | 5.83 | 0 | 1.63 | 44.83 |
| 4.956 | 28.59 | 70.71 | 0.95 | 5.78 | 0 | 1.69 | 44.82 |
| 4.987 | 28.59 | 70.7  | 1.37 | 5.76 | 0 | 1.79 | 44.82 |
| 5.016 | 28.59 | 70.7  | 0.99 | 5.74 | 0 | 1.98 | 44.82 |
| 5.03  | 28.59 | 70.71 | 1.37 | 5.75 | 0 | 1.92 | 44.82 |
| 5.049 | 28.59 | 70.71 | 0.84 | 5.77 | 0 | 1.88 | 44.82 |
| 5.067 | 28.59 | 70.71 | 1.26 | 5.81 | 0 | 1.96 | 44.83 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.09  | 28.59 | 70.71 | 0.92 | 5.86 | 0 | 1.87 | 44.83 |
| 5.112 | 28.59 | 70.71 | 1.14 | 5.9  | 0 | 1.83 | 44.83 |
| 5.141 | 28.59 | 70.71 | 1.49 | 5.91 | 0 | 1.7  | 44.83 |
| 5.172 | 28.59 | 70.71 | 0.84 | 5.92 | 0 | 1.68 | 44.83 |
| 5.208 | 28.59 | 70.71 | 1.18 | 5.93 | 0 | 1.79 | 44.83 |
| 5.223 | 28.59 | 70.71 | 0.92 | 5.92 | 0 | 1.72 | 44.83 |
| 5.244 | 28.59 | 70.71 | 0.92 | 5.88 | 0 | 1.75 | 44.83 |
| 5.29  | 28.59 | 70.71 | 0.99 | 5.86 | 0 | 1.68 | 44.83 |
| 5.337 | 28.59 | 70.71 | 1.03 | 5.84 | 0 | 1.67 | 44.83 |
| 5.366 | 28.59 | 70.71 | 1.11 | 5.81 | 0 | 1.61 | 44.83 |
| 5.386 | 28.59 | 70.71 | 0.92 | 5.79 | 0 | 1.65 | 44.83 |
| 5.399 | 28.59 | 70.71 | 1.11 | 5.77 | 0 | 1.72 | 44.83 |
| 5.415 | 28.59 | 70.71 | 0.84 | 5.75 | 0 | 1.82 | 44.83 |
| 5.426 | 28.59 | 70.71 | 0.8  | 5.78 | 0 | 1.79 | 44.83 |
| 5.429 | 28.59 | 70.71 | 1.11 | 5.83 | 0 | 1.72 | 44.83 |
| 5.437 | 28.59 | 70.71 | 1.41 | 5.87 | 0 | 1.6  | 44.83 |
| 5.449 | 28.59 | 70.71 | 0.84 | 5.9  | 0 | 1.63 | 44.83 |
| 5.457 | 28.59 | 70.71 | 1.26 | 5.94 | 0 | 1.66 | 44.83 |
| 5.458 | 28.59 | 70.71 | 1.3  | 5.99 | 0 | 1.56 | 44.83 |
| 5.46  | 28.59 | 70.71 | 1.18 | 6.01 | 0 | 1.59 | 44.83 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 27.79      | 67.49               | 0.0            | 4.65           | 0                           | 0.51              | 43.22           |
| PROF (metros)                                                                | 0.75       | 1.055               | 0.731          | 2.597          | 0                           | 0.822             | 1.325           |
| MÁXIMO                                                                       | 28.5       | 28.5                | 1.79           | 6.72           | 0                           | 1.59              | 44.91           |
| PROF (metros)                                                                | 5.373      | 6.041               | 2.183          | 4.397          | 0                           | 5.134             | 5.856           |

| 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) |

| 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                                                          | 27.8       | 67.54               | 0.0            | 5.65           | 0                           | 0.53              | 43.27           |
| 0.748                                                          | 27.8       | 67.51               | 0.92           | 5.63           | 0                           | 0.54              | 43.25           |
| 0.75                                                           | 27.79      | 67.54               | 0.0            | 5.65           | 0                           | 0.62              | 43.27           |
| 0.782                                                          | 27.79      | 67.56               | 0.0            | 5.74           | 0                           | 0.56              | 43.29           |
| 0.822                                                          | 27.8       | 67.53               | 0.0            | 5.8            | 0                           | 0.51              | 43.26           |
| 0.86                                                           | 27.8       | 67.53               | 0.0            | 5.85           | 0                           | 0.6               | 43.26           |
| 0.893                                                          | 27.8       | 67.54               | 0.0            | 5.87           | 0                           | 0.56              | 43.26           |
| 0.918                                                          | 27.8       | 67.52               | 0.0            | 5.88           | 0                           | 0.6               | 43.24           |
| 0.924                                                          | 27.8       | 67.53               | 0.0            | 5.83           | 0                           | 0.61              | 43.26           |
| 0.944                                                          | 27.8       | 67.58               | 0.0            | 5.77           | 0                           | 0.59              | 43.29           |
| 0.98                                                           | 27.8       | 67.57               | 0.0            | 5.68           | 0                           | 0.61              | 43.28           |
| 1.027                                                          | 27.8       | 67.52               | 0.46           | 5.59           | 0                           | 0.66              | 43.25           |
| 1.055                                                          | 27.8       | 67.49               | 0.3            | 5.49           | 0                           | 0.56              | 43.23           |
| 1.062                                                          | 27.8       | 67.52               | 0.0            | 5.39           | 0                           | 0.63              | 43.25           |
| 1.071                                                          | 27.79      | 67.58               | 0.23           | 5.28           | 0                           | 0.6               | 43.3            |
| 1.094                                                          | 27.8       | 67.6                | 1.3            | 5.22           | 0                           | 0.58              | 43.31           |
| 1.142                                                          | 27.8       | 67.55               | 0.0            | 5.21           | 0                           | 0.6               | 43.27           |
| 1.189                                                          | 27.8       | 67.51               | 0.0            | 5.2            | 0                           | 0.59              | 43.24           |
| 1.212                                                          | 27.81      | 67.51               | 1.41           | 5.18           | 0                           | 0.65              | 43.24           |
| 1.236                                                          | 27.8       | 67.58               | 0.19           | 5.12           | 0                           | 0.63              | 43.29           |
| 1.267                                                          | 27.81      | 67.58               | 0.0            | 5.11           | 0                           | 0.61              | 43.29           |
| 1.305                                                          | 27.81      | 67.52               | 0.69           | 5.15           | 0                           | 0.62              | 43.24           |
| 1.325                                                          | 27.81      | 67.49               | 0.0            | 5.16           | 0                           | 0.64              | 43.22           |
| 1.343                                                          | 27.81      | 67.53               | 0.0            | 5.18           | 0                           | 0.65              | 43.25           |
| 1.352                                                          | 27.81      | 67.63               | 0.69           | 5.19           | 0                           | 0.69              | 43.32           |
| 1.385                                                          | 27.81      | 67.59               | 1.14           | 5.22           | 0                           | 0.63              | 43.29           |
| 1.43                                                           | 27.82      | 67.54               | 1.45           | 5.25           | 0                           | 0.58              | 43.24           |
| 1.454                                                          | 27.83      | 67.53               | 1.41           | 5.28           | 0                           | 0.64              | 43.23           |
| 1.465                                                          | 27.83      | 67.56               | 0.0            | 5.28           | 0                           | 0.67              | 43.25           |
| 1.467                                                          | 27.83      | 67.59               | 0.53           | 5.27           | 0                           | 0.65              | 43.27           |
| 1.481                                                          | 27.83      | 67.64               | 0.0            | 5.27           | 0                           | 0.63              | 43.31           |
| 1.574                                                          | 27.84      | 67.58               | 1.11           | 5.31           | 0                           | 0.69              | 43.26           |
| 1.599                                                          | 27.83      | 67.71               | 0.8            | 5.26           | 0                           | 0.67              | 43.36           |
| 1.628                                                          | 27.83      | 67.7                | 0.61           | 5.24           | 0                           | 0.63              | 43.35           |
| 1.675                                                          | 27.85      | 67.61               | 0.84           | 5.24           | 0                           | 0.65              | 43.27           |
| 1.712                                                          | 27.86      | 67.58               | 0.99           | 5.22           | 0                           | 0.66              | 43.24           |
| 1.733                                                          | 27.86      | 67.63               | 0.0            | 5.18           | 0                           | 0.65              | 43.27           |
| 1.742                                                          | 27.86      | 67.67               | 0.23           | 5.14           | 0                           | 0.62              | 43.3            |
| 1.748                                                          | 27.86      | 67.72               | 0.0            | 5.12           | 0                           | 0.69              | 43.34           |
| 1.777                                                          | 27.86      | 67.76               | 0.99           | 5.12           | 0                           | 0.66              | 43.37           |
| 1.815                                                          | 27.87      | 67.68               | 1.41           | 5.14           | 0                           | 0.68              | 43.3            |
| 1.851                                                          | 27.87      | 67.62               | 0.99           | 5.15           | 0                           | 0.72              | 43.26           |

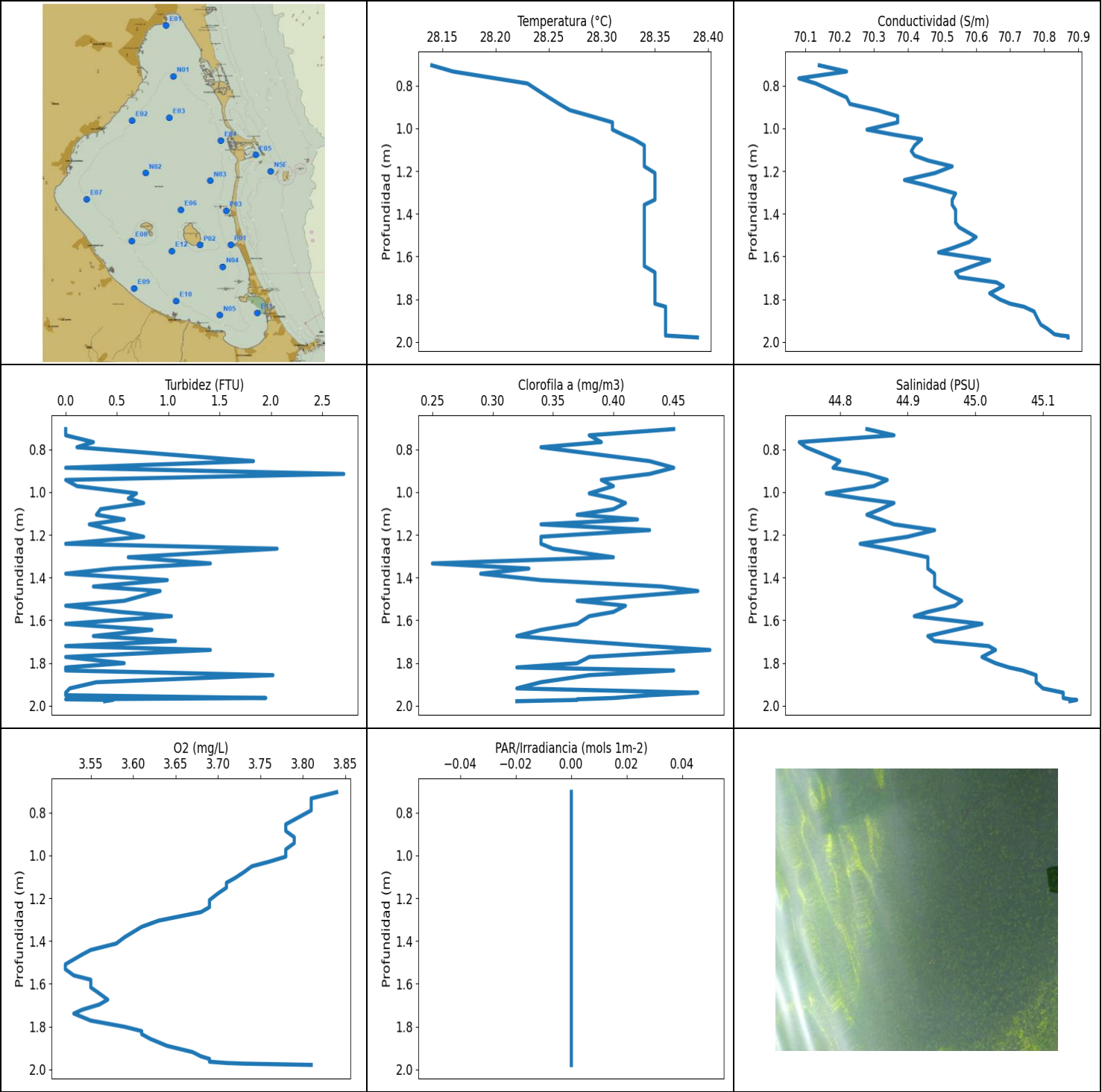
|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.882 | 27.88 | 67.68 | 1.18 | 5.11 | 0 | 0.71 | 43.29 |
| 1.886 | 27.88 | 67.74 | 0.76 | 5.08 | 0 | 0.6  | 43.34 |
| 1.911 | 27.88 | 67.88 | 0.95 | 5.05 | 0 | 0.61 | 43.44 |
| 1.975 | 27.89 | 67.82 | 1.07 | 5.03 | 0 | 0.66 | 43.38 |
| 2.011 | 27.86 | 67.84 | 0.69 | 5.02 | 0 | 0.7  | 43.42 |
| 2.016 | 27.86 | 67.94 | 0.61 | 5.1  | 0 | 0.66 | 43.5  |
| 2.056 | 27.88 | 67.83 | 1.6  | 5.24 | 0 | 0.66 | 43.4  |
| 2.107 | 27.9  | 67.7  | 0.53 | 5.4  | 0 | 0.69 | 43.29 |
| 2.145 | 27.9  | 67.71 | 0.84 | 5.53 | 0 | 0.65 | 43.29 |
| 2.167 | 27.88 | 67.82 | 1.14 | 5.67 | 0 | 0.71 | 43.39 |
| 2.174 | 27.88 | 67.79 | 1.53 | 5.71 | 0 | 0.69 | 43.37 |
| 2.183 | 27.88 | 67.77 | 1.79 | 5.67 | 0 | 0.72 | 43.36 |
| 2.203 | 27.88 | 67.87 | 1.26 | 5.58 | 0 | 0.72 | 43.43 |
| 2.23  | 27.89 | 67.84 | 0.76 | 5.48 | 0 | 0.69 | 43.4  |
| 2.261 | 27.89 | 67.8  | 0.92 | 5.37 | 0 | 0.72 | 43.37 |
| 2.294 | 27.9  | 67.77 | 0.99 | 5.25 | 0 | 0.73 | 43.34 |
| 2.321 | 27.91 | 67.77 | 0.92 | 5.13 | 0 | 0.82 | 43.33 |
| 2.33  | 27.91 | 67.8  | 0.95 | 5.01 | 0 | 0.85 | 43.35 |
| 2.343 | 27.91 | 67.86 | 1.03 | 4.91 | 0 | 0.85 | 43.4  |
| 2.359 | 27.9  | 67.95 | 0.69 | 4.82 | 0 | 0.85 | 43.46 |
| 2.396 | 27.91 | 67.94 | 0.99 | 4.75 | 0 | 0.79 | 43.45 |
| 2.439 | 27.91 | 67.81 | 1.18 | 4.72 | 0 | 0.82 | 43.35 |
| 2.457 | 27.92 | 67.83 | 0.61 | 4.7  | 0 | 0.78 | 43.36 |
| 2.466 | 27.91 | 67.96 | 0.92 | 4.69 | 0 | 0.82 | 43.46 |
| 2.479 | 27.92 | 67.95 | 1.26 | 4.7  | 0 | 0.76 | 43.46 |
| 2.505 | 27.92 | 67.95 | 0.95 | 4.7  | 0 | 0.79 | 43.45 |
| 2.541 | 27.92 | 67.98 | 0.42 | 4.7  | 0 | 0.82 | 43.47 |
| 2.577 | 27.93 | 67.93 | 0.88 | 4.69 | 0 | 0.85 | 43.43 |
| 2.592 | 27.94 | 67.95 | 1.07 | 4.68 | 0 | 0.76 | 43.44 |
| 2.597 | 27.94 | 68.03 | 0.8  | 4.65 | 0 | 0.81 | 43.5  |
| 2.604 | 27.94 | 68.06 | 0.99 | 4.65 | 0 | 0.8  | 43.51 |
| 2.633 | 27.95 | 68.18 | 0.92 | 4.65 | 0 | 0.76 | 43.59 |
| 2.677 | 27.95 | 68.12 | 0.72 | 4.68 | 0 | 0.82 | 43.54 |
| 2.709 | 27.96 | 68.09 | 0.8  | 4.73 | 0 | 0.92 | 43.51 |
| 2.728 | 27.97 | 68.27 | 0.84 | 4.77 | 0 | 0.82 | 43.64 |
| 2.74  | 27.97 | 68.3  | 1.3  | 4.82 | 0 | 0.87 | 43.65 |
| 2.757 | 27.98 | 68.27 | 1.11 | 4.91 | 0 | 0.89 | 43.63 |
| 2.771 | 27.99 | 68.38 | 0.99 | 5.03 | 0 | 0.82 | 43.7  |
| 2.798 | 28.0  | 68.46 | 1.26 | 5.14 | 0 | 0.85 | 43.75 |
| 2.833 | 28.0  | 68.43 | 0.69 | 5.24 | 0 | 0.92 | 43.72 |
| 2.865 | 28.01 | 68.49 | 0.88 | 5.31 | 0 | 1.02 | 43.76 |
| 2.889 | 28.01 | 68.54 | 0.72 | 5.34 | 0 | 0.89 | 43.79 |
| 2.909 | 28.02 | 68.52 | 0.95 | 5.37 | 0 | 0.89 | 43.77 |
| 2.914 | 28.02 | 68.57 | 0.61 | 5.39 | 0 | 0.89 | 43.81 |
| 2.92  | 28.03 | 68.62 | 0.92 | 5.41 | 0 | 0.9  | 43.84 |
| 2.942 | 28.03 | 68.63 | 1.18 | 5.43 | 0 | 0.85 | 43.85 |
| 2.985 | 28.04 | 68.67 | 1.11 | 5.49 | 0 | 0.84 | 43.87 |
| 3.016 | 28.04 | 68.67 | 0.92 | 5.57 | 0 | 0.79 | 43.87 |
| 3.042 | 28.05 | 68.69 | 0.92 | 5.66 | 0 | 0.85 | 43.88 |
| 3.054 | 28.05 | 68.75 | 1.03 | 5.79 | 0 | 0.84 | 43.91 |
| 3.058 | 28.06 | 68.75 | 1.34 | 5.92 | 0 | 0.94 | 43.91 |
| 3.076 | 28.06 | 68.78 | 1.14 | 6.02 | 0 | 0.93 | 43.93 |
| 3.105 | 28.06 | 68.79 | 0.84 | 6.1  | 0 | 0.92 | 43.93 |
| 3.134 | 28.07 | 68.79 | 0.84 | 6.14 | 0 | 0.92 | 43.92 |
| 3.152 | 28.07 | 68.83 | 1.11 | 6.15 | 0 | 0.92 | 43.95 |
| 3.169 | 28.08 | 68.84 | 0.69 | 6.14 | 0 | 1.01 | 43.95 |
| 3.189 | 28.08 | 68.85 | 0.69 | 6.12 | 0 | 0.94 | 43.96 |
| 3.216 | 28.08 | 68.86 | 0.8  | 6.09 | 0 | 0.93 | 43.97 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.239 | 28.08 | 68.87 | 0.57 | 6.07 | 0 | 0.92 | 43.97 |
| 3.258 | 28.08 | 68.88 | 0.88 | 6.08 | 0 | 0.92 | 43.98 |
| 3.272 | 28.09 | 68.89 | 0.92 | 6.1  | 0 | 0.89 | 43.98 |
| 3.296 | 28.09 | 68.91 | 1.11 | 6.12 | 0 | 0.92 | 43.99 |
| 3.323 | 28.09 | 68.92 | 1.45 | 6.13 | 0 | 0.89 | 44.0  |
| 3.359 | 28.09 | 68.93 | 0.57 | 6.13 | 0 | 0.94 | 44.0  |
| 3.381 | 28.09 | 68.93 | 0.61 | 6.15 | 0 | 0.97 | 44.0  |
| 3.399 | 28.1  | 68.94 | 0.99 | 6.21 | 0 | 0.94 | 44.01 |
| 3.414 | 28.1  | 68.96 | 0.99 | 6.28 | 0 | 0.95 | 44.02 |
| 3.441 | 28.1  | 68.98 | 0.92 | 6.33 | 0 | 0.95 | 44.03 |
| 3.473 | 28.1  | 68.99 | 0.76 | 6.34 | 0 | 0.93 | 44.04 |
| 3.506 | 28.1  | 69.0  | 0.99 | 6.38 | 0 | 0.96 | 44.04 |
| 3.533 | 28.11 | 69.01 | 1.03 | 6.42 | 0 | 0.95 | 44.05 |
| 3.551 | 28.11 | 69.02 | 0.76 | 6.44 | 0 | 0.97 | 44.05 |
| 3.555 | 28.11 | 69.03 | 0.76 | 6.44 | 0 | 0.92 | 44.06 |
| 3.557 | 28.11 | 69.05 | 0.76 | 6.42 | 0 | 0.97 | 44.07 |
| 3.573 | 28.11 | 69.06 | 0.84 | 6.43 | 0 | 0.95 | 44.08 |
| 3.606 | 28.12 | 69.07 | 1.26 | 6.46 | 0 | 0.89 | 44.08 |
| 3.633 | 28.12 | 69.07 | 0.99 | 6.47 | 0 | 0.92 | 44.08 |
| 3.644 | 28.12 | 69.08 | 0.84 | 6.44 | 0 | 0.99 | 44.09 |
| 3.668 | 28.12 | 69.09 | 0.95 | 6.42 | 0 | 0.98 | 44.1  |
| 3.713 | 28.12 | 69.1  | 1.03 | 6.45 | 0 | 1.05 | 44.1  |
| 3.749 | 28.12 | 69.1  | 0.8  | 6.48 | 0 | 0.95 | 44.1  |
| 3.769 | 28.12 | 69.11 | 0.84 | 6.47 | 0 | 1.02 | 44.1  |
| 3.777 | 28.13 | 69.13 | 1.53 | 6.46 | 0 | 1.11 | 44.12 |
| 3.786 | 28.13 | 69.14 | 0.99 | 6.47 | 0 | 1.16 | 44.12 |
| 3.809 | 28.13 | 69.16 | 1.34 | 6.49 | 0 | 1.14 | 44.13 |
| 3.835 | 28.13 | 69.16 | 1.37 | 6.5  | 0 | 1.18 | 44.14 |
| 3.855 | 28.13 | 69.17 | 1.11 | 6.5  | 0 | 1.25 | 44.14 |
| 3.871 | 28.13 | 69.18 | 1.03 | 6.5  | 0 | 1.16 | 44.15 |
| 3.889 | 28.14 | 69.2  | 0.8  | 6.52 | 0 | 1.14 | 44.16 |
| 3.911 | 28.14 | 69.21 | 1.22 | 6.55 | 0 | 1.06 | 44.16 |
| 3.929 | 28.14 | 69.22 | 1.76 | 6.58 | 0 | 1.14 | 44.17 |
| 3.942 | 28.14 | 69.24 | 0.95 | 6.61 | 0 | 1.11 | 44.18 |
| 3.947 | 28.15 | 69.27 | 1.03 | 6.62 | 0 | 1.14 | 44.2  |
| 3.967 | 28.15 | 69.28 | 1.26 | 6.63 | 0 | 1.18 | 44.2  |
| 3.989 | 28.15 | 69.29 | 0.88 | 6.62 | 0 | 1.11 | 44.21 |
| 4.02  | 28.16 | 69.3  | 1.11 | 6.62 | 0 | 1.14 | 44.21 |
| 4.047 | 28.16 | 69.31 | 1.53 | 6.61 | 0 | 1.17 | 44.22 |
| 4.069 | 28.16 | 69.33 | 1.22 | 6.6  | 0 | 1.11 | 44.23 |
| 4.085 | 28.16 | 69.35 | 0.99 | 6.59 | 0 | 1.17 | 44.24 |
| 4.1   | 28.17 | 69.38 | 0.84 | 6.59 | 0 | 1.11 | 44.26 |
| 4.112 | 28.17 | 69.41 | 0.92 | 6.58 | 0 | 1.12 | 44.28 |
| 4.132 | 28.18 | 69.41 | 0.65 | 6.58 | 0 | 1.23 | 44.28 |
| 4.158 | 28.18 | 69.42 | 0.65 | 6.58 | 0 | 1.18 | 44.28 |
| 4.185 | 28.18 | 69.43 | 0.99 | 6.59 | 0 | 1.09 | 44.28 |
| 4.201 | 28.18 | 69.44 | 0.92 | 6.62 | 0 | 1.23 | 44.29 |
| 4.227 | 28.19 | 69.46 | 0.84 | 6.64 | 0 | 1.14 | 44.3  |
| 4.25  | 28.19 | 69.48 | 1.11 | 6.66 | 0 | 1.18 | 44.32 |
| 4.276 | 28.19 | 69.5  | 0.84 | 6.68 | 0 | 1.11 | 44.32 |
| 4.285 | 28.2  | 69.54 | 0.88 | 6.71 | 0 | 1.45 | 44.35 |
| 4.29  | 28.2  | 69.62 | 0.92 | 6.71 | 0 | 1.27 | 44.4  |
| 4.308 | 28.21 | 69.65 | 0.8  | 6.7  | 0 | 1.26 | 44.42 |
| 4.336 | 28.22 | 69.66 | 0.99 | 6.69 | 0 | 1.32 | 44.41 |
| 4.366 | 28.23 | 69.67 | 1.26 | 6.7  | 0 | 1.33 | 44.42 |
| 4.397 | 28.23 | 69.68 | 1.34 | 6.72 | 0 | 1.4  | 44.42 |
| 4.419 | 28.23 | 69.71 | 0.72 | 6.71 | 0 | 1.3  | 44.44 |
| 4.433 | 28.24 | 69.73 | 1.07 | 6.67 | 0 | 1.18 | 44.45 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.448 | 28.24 | 69.76 | 1.07 | 6.64 | 0 | 1.27 | 44.47 |
| 4.459 | 28.25 | 69.8  | 0.92 | 6.61 | 0 | 1.24 | 44.49 |
| 4.475 | 28.25 | 69.82 | 0.99 | 6.58 | 0 | 1.28 | 44.5  |
| 4.499 | 28.26 | 69.83 | 0.84 | 6.55 | 0 | 1.32 | 44.5  |
| 4.53  | 28.26 | 69.83 | 1.03 | 6.53 | 0 | 1.5  | 44.5  |
| 4.564 | 28.27 | 69.84 | 0.99 | 6.54 | 0 | 1.23 | 44.5  |
| 4.588 | 28.27 | 69.86 | 1.18 | 6.57 | 0 | 1.28 | 44.52 |
| 4.591 | 28.27 | 69.91 | 0.99 | 6.6  | 0 | 1.36 | 44.55 |
| 4.593 | 28.28 | 69.96 | 0.88 | 6.62 | 0 | 1.34 | 44.57 |
| 4.611 | 28.29 | 69.98 | 1.07 | 6.63 | 0 | 1.27 | 44.58 |
| 4.649 | 28.3  | 69.99 | 0.69 | 6.63 | 0 | 1.3  | 44.58 |
| 4.675 | 28.3  | 69.99 | 1.18 | 6.63 | 0 | 1.32 | 44.58 |
| 4.682 | 28.31 | 70.04 | 1.07 | 6.61 | 0 | 1.4  | 44.61 |
| 4.691 | 28.31 | 70.1  | 0.76 | 6.54 | 0 | 1.35 | 44.64 |
| 4.72  | 28.32 | 70.11 | 0.92 | 6.46 | 0 | 1.4  | 44.64 |
| 4.762 | 28.33 | 70.14 | 0.92 | 6.41 | 0 | 1.46 | 44.66 |
| 4.802 | 28.34 | 70.14 | 1.03 | 6.39 | 0 | 1.41 | 44.65 |
| 4.804 | 28.36 | 70.28 | 0.95 | 6.34 | 0 | 1.4  | 44.73 |
| 4.806 | 28.38 | 70.43 | 0.99 | 6.31 | 0 | 1.36 | 44.83 |
| 4.836 | 28.4  | 70.47 | 1.14 | 6.29 | 0 | 1.39 | 44.83 |
| 4.884 | 28.42 | 70.48 | 1.14 | 6.29 | 0 | 1.42 | 44.82 |
| 4.924 | 28.43 | 70.49 | 0.95 | 6.28 | 0 | 1.44 | 44.82 |
| 4.934 | 28.45 | 70.55 | 1.3  | 6.23 | 0 | 1.4  | 44.85 |
| 4.938 | 28.46 | 70.59 | 0.92 | 6.18 | 0 | 1.46 | 44.87 |
| 4.949 | 28.47 | 70.61 | 0.84 | 6.11 | 0 | 1.47 | 44.87 |
| 4.983 | 28.47 | 70.61 | 1.18 | 6.05 | 0 | 1.42 | 44.87 |
| 5.036 | 28.48 | 70.61 | 1.26 | 6.0  | 0 | 1.4  | 44.86 |
| 5.041 | 28.48 | 70.64 | 0.61 | 5.81 | 0 | 1.42 | 44.88 |
| 5.072 | 28.48 | 70.64 | 0.84 | 5.76 | 0 | 1.44 | 44.88 |
| 5.134 | 28.49 | 70.64 | 0.95 | 5.74 | 0 | 1.59 | 44.87 |
| 5.179 | 28.49 | 70.64 | 0.84 | 5.74 | 0 | 1.45 | 44.87 |
| 5.196 | 28.49 | 70.64 | 0.99 | 5.74 | 0 | 1.33 | 44.87 |
| 5.207 | 28.49 | 70.64 | 1.22 | 5.72 | 0 | 1.42 | 44.88 |
| 5.219 | 28.49 | 70.65 | 1.11 | 5.72 | 0 | 1.28 | 44.88 |
| 5.228 | 28.49 | 70.66 | 0.92 | 5.72 | 0 | 1.33 | 44.88 |
| 5.243 | 28.49 | 70.66 | 1.26 | 5.72 | 0 | 1.29 | 44.89 |
| 5.265 | 28.49 | 70.67 | 0.84 | 5.72 | 0 | 1.37 | 44.89 |
| 5.286 | 28.49 | 70.67 | 0.99 | 5.72 | 0 | 1.38 | 44.89 |
| 5.315 | 28.49 | 70.67 | 1.03 | 5.7  | 0 | 1.49 | 44.89 |
| 5.339 | 28.49 | 70.67 | 0.92 | 5.68 | 0 | 1.46 | 44.89 |
| 5.363 | 28.49 | 70.68 | 1.18 | 5.67 | 0 | 1.17 | 44.89 |
| 5.373 | 28.5  | 70.68 | 1.22 | 5.67 | 0 | 1.16 | 44.89 |
| 5.395 | 28.5  | 70.68 | 0.99 | 5.7  | 0 | 1.14 | 44.9  |
| 5.43  | 28.5  | 70.69 | 1.3  | 5.74 | 0 | 1.28 | 44.9  |
| 5.455 | 28.5  | 70.69 | 0.84 | 5.77 | 0 | 1.24 | 44.9  |
| 5.462 | 28.5  | 70.69 | 0.99 | 5.79 | 0 | 1.02 | 44.9  |
| 5.468 | 28.5  | 70.69 | 0.95 | 5.8  | 0 | 1.08 | 44.9  |
| 5.495 | 28.5  | 70.69 | 0.8  | 5.77 | 0 | 1.21 | 44.9  |
| 5.551 | 28.5  | 70.69 | 0.92 | 5.74 | 0 | 1.29 | 44.9  |
| 5.582 | 28.5  | 70.69 | 0.76 | 5.66 | 0 | 1.1  | 44.9  |
| 5.611 | 28.5  | 70.69 | 0.95 | 5.65 | 0 | 1.14 | 44.9  |
| 5.651 | 28.5  | 70.69 | 1.26 | 5.69 | 0 | 1.05 | 44.9  |
| 5.686 | 28.5  | 70.69 | 1.07 | 5.72 | 0 | 1.08 | 44.9  |
| 5.715 | 28.5  | 70.69 | 1.14 | 5.74 | 0 | 1.05 | 44.9  |
| 5.735 | 28.5  | 70.69 | 1.3  | 5.74 | 0 | 1.02 | 44.9  |
| 5.753 | 28.5  | 70.7  | 0.76 | 5.73 | 0 | 1.08 | 44.9  |
| 5.776 | 28.5  | 70.7  | 1.18 | 5.72 | 0 | 1.14 | 44.9  |
| 5.789 | 28.5  | 70.7  | 1.18 | 5.71 | 0 | 1.18 | 44.9  |

|       |      |       |      |      |   |      |       |
|-------|------|-------|------|------|---|------|-------|
| 5.802 | 28.5 | 70.7  | 1.18 | 5.7  | 0 | 1.11 | 44.9  |
| 5.824 | 28.5 | 70.7  | 1.34 | 5.72 | 0 | 1.05 | 44.9  |
| 5.856 | 28.5 | 70.7  | 1.03 | 5.75 | 0 | 1.05 | 44.91 |
| 5.887 | 28.5 | 70.7  | 1.26 | 5.78 | 0 | 1.01 | 44.9  |
| 5.904 | 28.5 | 70.7  | 1.14 | 5.81 | 0 | 0.98 | 44.9  |
| 5.914 | 28.5 | 70.7  | 0.92 | 5.83 | 0 | 1.0  | 44.9  |
| 5.929 | 28.5 | 70.7  | 1.3  | 5.84 | 0 | 1.02 | 44.91 |
| 5.954 | 28.5 | 70.7  | 0.95 | 5.85 | 0 | 0.98 | 44.91 |
| 5.985 | 28.5 | 70.7  | 1.18 | 5.85 | 0 | 1.02 | 44.91 |
| 6.007 | 28.5 | 70.7  | 1.07 | 5.87 | 0 | 0.94 | 44.9  |
| 6.011 | 28.5 | 70.7  | 1.18 | 5.89 | 0 | 1.0  | 44.9  |
| 6.02  | 28.5 | 70.7  | 1.26 | 5.9  | 0 | 0.98 | 44.91 |
| 6.041 | 28.5 | 70.71 | 1.14 | 5.9  | 0 | 1.05 | 44.91 |
| 6.076 | 28.5 | 70.71 | 1.26 | 5.91 | 0 | 1.0  | 44.91 |
| 6.109 | 28.5 | 70.71 | 1.18 | 5.91 | 0 | 1.03 | 44.91 |
| 6.136 | 28.5 | 70.71 | 1.45 | 5.9  | 0 | 0.99 | 44.91 |
| 6.143 | 28.5 | 70.71 | 1.11 | 5.89 | 0 | 0.99 | 44.91 |
| 6.147 | 28.5 | 70.71 | 1.14 | 5.87 | 0 | 0.97 | 44.91 |
| 6.163 | 28.5 | 70.71 | 1.07 | 5.84 | 0 | 1.06 | 44.91 |
| 6.196 | 28.5 | 70.71 | 1.03 | 5.84 | 0 | 1.01 | 44.91 |
| 6.223 | 28.5 | 70.71 | 1.3  | 5.83 | 0 | 1.01 | 44.91 |
| 6.243 | 28.5 | 70.71 | 0.76 | 5.8  | 0 | 0.98 | 44.91 |
| 6.259 | 28.5 | 70.71 | 1.11 | 5.78 | 0 | 0.98 | 44.91 |
| 6.276 | 28.5 | 70.71 | 1.18 | 5.78 | 0 | 1.04 | 44.91 |
| 6.288 | 28.5 | 70.71 | 1.3  | 5.77 | 0 | 1.02 | 44.91 |
| 6.296 | 28.5 | 70.71 | 1.11 | 5.91 | 0 | 0.99 | 44.91 |
| 6.299 | 28.5 | 70.7  | 1.18 | 5.96 | 0 | 1.09 | 44.91 |
| 6.301 | 28.5 | 70.7  | 1.26 | 5.96 | 0 | 0.98 | 44.91 |
| 6.31  | 28.5 | 70.7  | 1.14 | 5.96 | 0 | 1.0  | 44.91 |
| 6.317 | 28.5 | 70.71 | 1.49 | 5.94 | 0 | 0.94 | 44.91 |

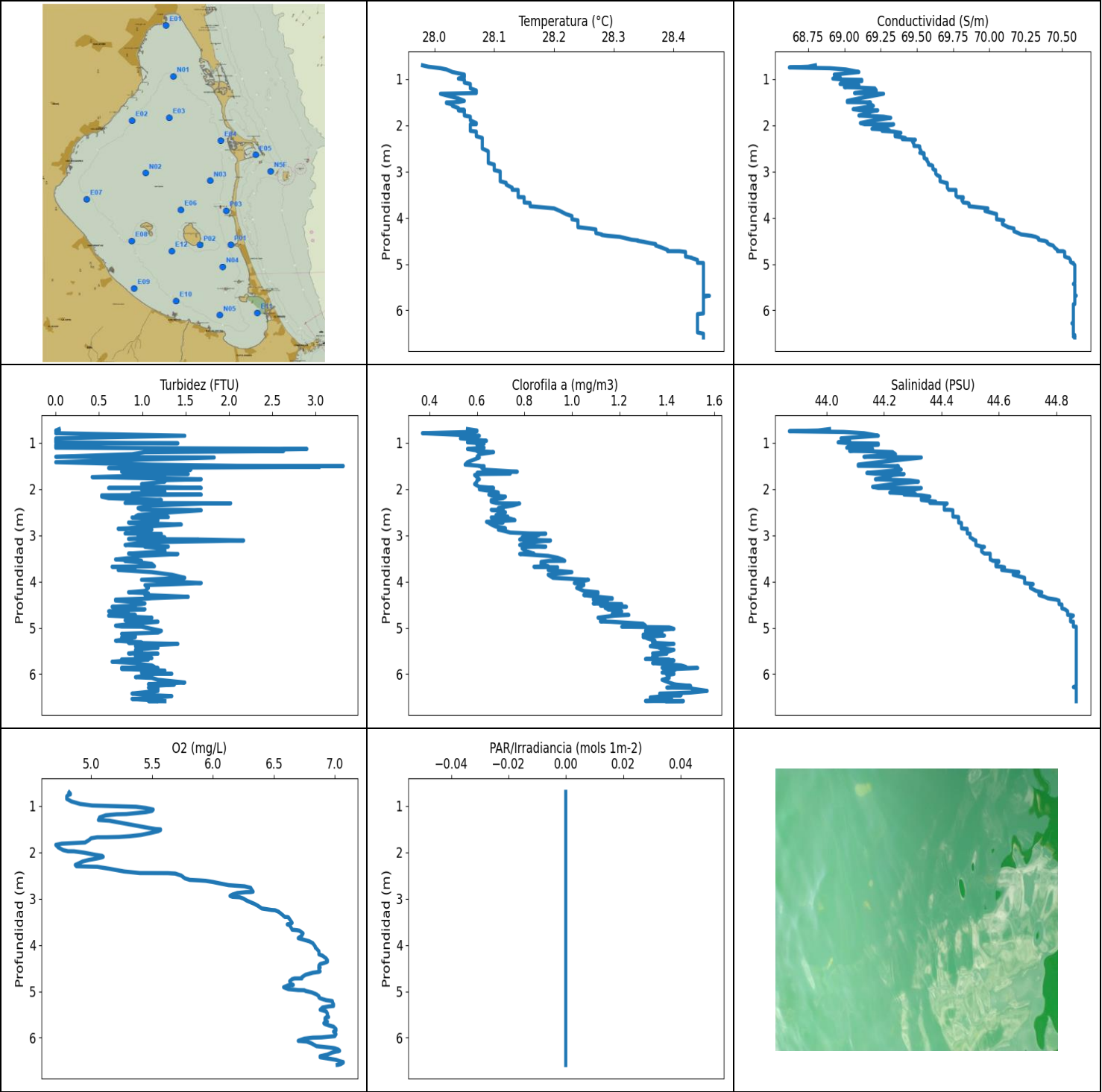


| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.14      | 70.08               | 0.0            | 3.52           | 0                           | 0.25              | 44.74           |
| PROF (metros)                                                                | 0.705      | 0.766               | 0.705          | 1.509          | 0                           | 1.334             | 0.766           |
| MÁXIMO                                                                       | 28.39      | 28.39               | 2.71           | 3.84           | 0                           | 0.48              | 45.15           |
| PROF (metros)                                                                | 1.979      | 1.973               | 0.915          | 0.705          | 0                           | 1.739             | 1.973           |

| 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) |
|                                                            |            |                     |                |                |                             |                   |                 |
| 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) |
| 0.705                                                          | 28.14      | 70.14               | 0.0            | 3.84           | 0                           | 0.45              | 44.84           |
| 0.734                                                          | 28.16      | 70.22               | 0.0            | 3.81           | 0                           | 0.38              | 44.88           |
| 0.766                                                          | 28.2       | 70.08               | 0.27           | 3.81           | 0                           | 0.39              | 44.74           |
| 0.79                                                           | 28.23      | 70.13               | 0.11           | 3.81           | 0                           | 0.34              | 44.75           |
| 0.855                                                          | 28.25      | 70.22               | 1.83           | 3.78           | 0                           | 0.43              | 44.8            |
| 0.886                                                          | 28.26      | 70.23               | 0.0            | 3.78           | 0                           | 0.45              | 44.79           |
| 0.915                                                          | 28.27      | 70.31               | 2.71           | 3.79           | 0                           | 0.43              | 44.84           |
| 0.943                                                          | 28.29      | 70.37               | 0.0            | 3.79           | 0                           | 0.39              | 44.87           |
| 0.972                                                          | 28.31      | 70.37               | 0.11           | 3.78           | 0                           | 0.4               | 44.85           |
| 1.006                                                          | 28.31      | 70.28               | 0.69           | 3.78           | 0                           | 0.38              | 44.78           |
| 1.03                                                           | 28.32      | 70.36               | 0.61           | 3.76           | 0                           | 0.4               | 44.83           |
| 1.051                                                          | 28.33      | 70.44               | 0.76           | 3.74           | 0                           | 0.41              | 44.88           |
| 1.08                                                           | 28.34      | 70.42               | 0.34           | 3.73           | 0                           | 0.4               | 44.86           |
| 1.106                                                          | 28.34      | 70.41               | 0.3            | 3.72           | 0                           | 0.37              | 44.84           |
| 1.128                                                          | 28.34      | 70.42               | 0.57           | 3.71           | 0                           | 0.42              | 44.86           |
| 1.151                                                          | 28.34      | 70.46               | 0.23           | 3.71           | 0                           | 0.34              | 44.88           |
| 1.178                                                          | 28.34      | 70.53               | 0.46           | 3.7            | 0                           | 0.43              | 44.94           |
| 1.209                                                          | 28.35      | 70.48               | 0.76           | 3.69           | 0                           | 0.34              | 44.9            |
| 1.242                                                          | 28.35      | 70.39               | 0.0            | 3.69           | 0                           | 0.34              | 44.83           |
| 1.265                                                          | 28.35      | 70.45               | 2.06           | 3.68           | 0                           | 0.35              | 44.87           |
| 1.305                                                          | 28.35      | 70.54               | 0.61           | 3.63           | 0                           | 0.4               | 44.93           |
| 1.334                                                          | 28.35      | 70.53               | 1.41           | 3.61           | 0                           | 0.25              | 44.93           |
| 1.358                                                          | 28.34      | 70.53               | 0.46           | 3.6            | 0                           | 0.33              | 44.93           |
| 1.382                                                          | 28.34      | 70.54               | 0.0            | 3.59           | 0                           | 0.29              | 44.94           |
| 1.412                                                          | 28.34      | 70.54               | 0.99           | 3.58           | 0                           | 0.34              | 44.94           |
| 1.442                                                          | 28.34      | 70.54               | 0.27           | 3.55           | 0                           | 0.44              | 44.94           |
| 1.463                                                          | 28.34      | 70.55               | 0.92           | 3.54           | 0                           | 0.47              | 44.95           |
| 1.509                                                          | 28.34      | 70.6                | 0.57           | 3.52           | 0                           | 0.37              | 44.98           |
| 1.532                                                          | 28.34      | 70.58               | 0.0            | 3.52           | 0                           | 0.41              | 44.97           |
| 1.561                                                          | 28.34      | 70.53               | 0.53           | 3.53           | 0                           | 0.4               | 44.93           |
| 1.581                                                          | 28.34      | 70.49               | 1.03           | 3.55           | 0                           | 0.38              | 44.91           |
| 1.617                                                          | 28.34      | 70.64               | 0.0            | 3.55           | 0                           | 0.37              | 45.01           |
| 1.645                                                          | 28.34      | 70.59               | 0.84           | 3.56           | 0                           | 0.34              | 44.97           |
| 1.674                                                          | 28.35      | 70.54               | 0.27           | 3.57           | 0                           | 0.32              | 44.93           |
| 1.697                                                          | 28.35      | 70.55               | 1.07           | 3.56           | 0                           | 0.37              | 44.94           |
| 1.721                                                          | 28.35      | 70.66               | 0.0            | 3.54           | 0                           | 0.43              | 45.02           |
| 1.739                                                          | 28.35      | 70.68               | 1.41           | 3.53           | 0                           | 0.48              | 45.03           |
| 1.772                                                          | 28.35      | 70.64               | 0.0            | 3.55           | 0                           | 0.38              | 45.01           |
| 1.801                                                          | 28.35      | 70.67               | 0.57           | 3.59           | 0                           | 0.37              | 45.03           |
| 1.821                                                          | 28.35      | 70.7                | 0.0            | 3.61           | 0                           | 0.32              | 45.05           |
| 1.835                                                          | 28.36      | 70.74               | 0.0            | 3.61           | 0                           | 0.45              | 45.07           |
| 1.857                                                          | 28.36      | 70.77               | 2.02           | 3.62           | 0                           | 0.38              | 45.09           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.89  | 28.36 | 70.78 | 0.3  | 3.64 | 0 | 0.34 | 45.09 |
| 1.919 | 28.36 | 70.79 | 0.04 | 3.67 | 0 | 0.32 | 45.1  |
| 1.939 | 28.36 | 70.81 | 0.0  | 3.68 | 0 | 0.47 | 45.13 |
| 1.951 | 28.36 | 70.82 | 0.0  | 3.69 | 0 | 0.43 | 45.13 |
| 1.964 | 28.36 | 70.83 | 1.95 | 3.69 | 0 | 0.4  | 45.13 |
| 1.97  | 28.36 | 70.85 | 0.0  | 3.71 | 0 | 0.37 | 45.14 |
| 1.973 | 28.37 | 70.87 | 0.46 | 3.73 | 0 | 0.37 | 45.15 |
| 1.979 | 28.39 | 70.87 | 0.38 | 3.81 | 0 | 0.32 | 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                                                                       | 27.98      | 68.62               | 0.0            | 4.71           | 0                           | 0.37              | 43.87           |
| PROF (metros)                                                                | 0.706      | 0.752               | 0.737          | 1.841          | 0                           | 0.795             | 0.752           |
| MÁXIMO                                                                       | 28.46      | 28.46               | 3.32           | 7.07           | 0                           | 1.57              | 44.87           |
| PROF (metros)                                                                | 5.686      | 5.683               | 1.505          | 6.525          | 0                           | 6.363             | 4.976           |

| 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) |
|                                                            |            |                     |                |                |                             |                   |                 |
| 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                                                          | 27.98      | 68.8                | 0.04           | 4.82           | 0                           | 0.56              | 44.01           |
| 0.737                                                          | 27.99      | 68.75               | 0.0            | 4.83           | 0                           | 0.6               | 43.97           |
| 0.752                                                          | 28.0       | 68.62               | 0.0            | 4.83           | 0                           | 0.6               | 43.87           |
| 0.768                                                          | 28.01      | 68.9                | 0.04           | 4.81           | 0                           | 0.58              | 44.06           |
| 0.795                                                          | 28.02      | 69.01               | 0.0            | 4.8            | 0                           | 0.37              | 44.13           |
| 0.85                                                           | 28.03      | 69.1                | 1.49           | 4.8            | 0                           | 0.61              | 44.18           |
| 0.906                                                          | 28.05      | 68.93               | 0.0            | 4.84           | 0                           | 0.53              | 44.05           |
| 0.959                                                          | 28.05      | 68.97               | 0.0            | 4.91           | 0                           | 0.64              | 44.08           |
| 0.993                                                          | 28.04      | 68.92               | 0.0            | 5.01           | 0                           | 0.56              | 44.04           |
| 1.013                                                          | 28.05      | 68.99               | 1.41           | 5.27           | 0                           | 0.63              | 44.09           |
| 1.02                                                           | 28.05      | 69.12               | 0.61           | 5.37           | 0                           | 0.63              | 44.18           |
| 1.046                                                          | 28.05      | 69.12               | 0.0            | 5.45           | 0                           | 0.6               | 44.18           |
| 1.08                                                           | 28.05      | 68.98               | 0.0            | 5.51           | 0                           | 0.61              | 44.08           |
| 1.109                                                          | 28.06      | 68.97               | 0.0            | 5.5            | 0                           | 0.63              | 44.07           |
| 1.135                                                          | 28.06      | 69.1                | 2.9            | 5.45           | 0                           | 0.56              | 44.16           |
| 1.177                                                          | 28.06      | 69.0                | 1.72           | 5.29           | 0                           | 0.61              | 44.08           |
| 1.182                                                          | 28.06      | 69.07               | 2.63           | 5.21           | 0                           | 0.6               | 44.13           |
| 1.204                                                          | 28.06      | 69.21               | 1.03           | 5.12           | 0                           | 0.67              | 44.23           |
| 1.249                                                          | 28.07      | 69.22               | 0.88           | 5.07           | 0                           | 0.61              | 44.24           |
| 1.305                                                          | 28.07      | 69.07               | 0.0            | 5.06           | 0                           | 0.6               | 44.13           |
| 1.32                                                           | 28.01      | 69.27               | 1.83           | 5.15           | 0                           | 0.61              | 44.33           |
| 1.422                                                          | 28.04      | 69.1                | 0.0            | 5.36           | 0                           | 0.56              | 44.18           |
| 1.474                                                          | 28.05      | 69.02               | 1.11           | 5.47           | 0                           | 0.55              | 44.11           |
| 1.5                                                            | 28.04      | 69.02               | 2.1            | 5.53           | 0                           | 0.61              | 44.11           |
| 1.505                                                          | 28.03      | 69.11               | 3.32           | 5.56           | 0                           | 0.61              | 44.2            |
| 1.507                                                          | 28.02      | 69.18               | 1.72           | 5.57           | 0                           | 0.63              | 44.25           |
| 1.521                                                          | 28.02      | 69.16               | 3.05           | 5.57           | 0                           | 0.63              | 44.24           |
| 1.547                                                          | 28.03      | 69.18               | 0.61           | 5.55           | 0                           | 0.62              | 44.25           |
| 1.583                                                          | 28.03      | 69.2                | 1.56           | 5.49           | 0                           | 0.63              | 44.26           |
| 1.627                                                          | 28.04      | 69.11               | 0.76           | 5.41           | 0                           | 0.77              | 44.19           |
| 1.654                                                          | 28.04      | 69.06               | 0.84           | 5.32           | 0                           | 0.6               | 44.14           |
| 1.67                                                           | 28.05      | 69.1                | 0.99           | 5.23           | 0                           | 0.74              | 44.17           |
| 1.676                                                          | 28.04      | 69.16               | 1.53           | 5.13           | 0                           | 0.63              | 44.22           |
| 1.677                                                          | 28.04      | 69.23               | 1.11           | 5.05           | 0                           | 0.62              | 44.27           |
| 1.699                                                          | 28.05      | 69.19               | 1.26           | 5.0            | 0                           | 0.59              | 44.23           |
| 1.743                                                          | 28.05      | 69.15               | 0.42           | 4.98           | 0                           | 0.6               | 44.21           |
| 1.79                                                           | 28.05      | 69.1                | 1.68           | 4.95           | 0                           | 0.61              | 44.17           |
| 1.815                                                          | 28.06      | 69.27               | 1.18           | 4.76           | 0                           | 0.6               | 44.29           |
| 1.841                                                          | 28.06      | 69.32               | 1.26           | 4.71           | 0                           | 0.6               | 44.32           |
| 1.895                                                          | 28.06      | 69.2                | 0.99           | 4.73           | 0                           | 0.59              | 44.23           |
| 1.953                                                          | 28.07      | 69.11               | 1.07           | 4.77           | 0                           | 0.61              | 44.16           |
| 1.978                                                          | 28.07      | 69.14               | 1.68           | 4.81           | 0                           | 0.67              | 44.18           |

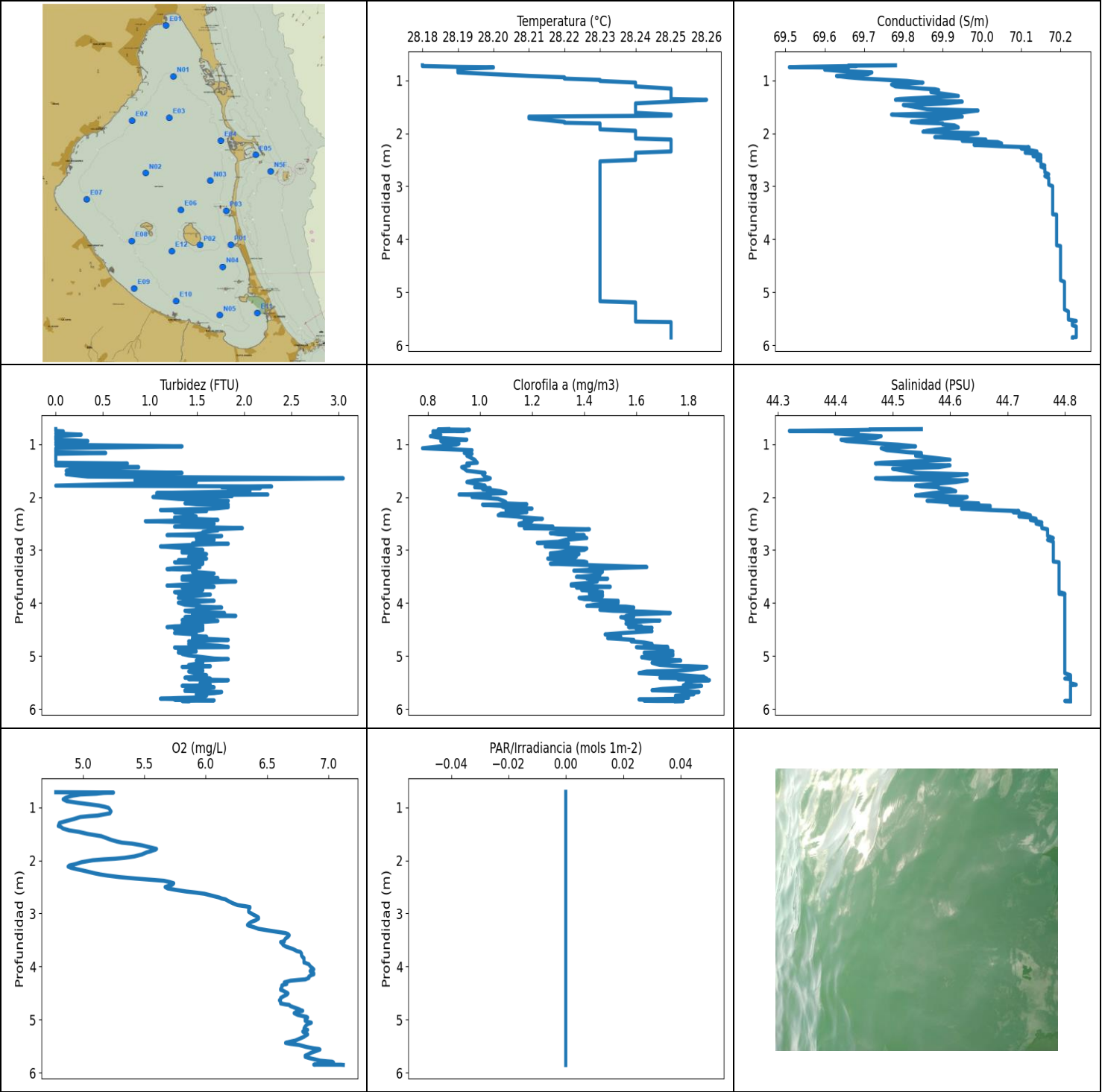
|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.979 | 28.06 | 69.23 | 0.61 | 4.83 | 0 | 0.66 | 44.25 |
| 1.98  | 28.06 | 69.34 | 1.18 | 4.86 | 0 | 0.63 | 44.33 |
| 2.008 | 28.06 | 69.3  | 0.99 | 4.94 | 0 | 0.61 | 44.31 |
| 2.053 | 28.06 | 69.21 | 1.26 | 5.03 | 0 | 0.67 | 44.24 |
| 2.078 | 28.06 | 69.19 | 1.18 | 5.09 | 0 | 0.69 | 44.22 |
| 2.097 | 28.06 | 69.29 | 0.88 | 5.1  | 0 | 0.67 | 44.29 |
| 2.108 | 28.06 | 69.31 | 0.92 | 5.09 | 0 | 0.69 | 44.31 |
| 2.122 | 28.06 | 69.26 | 1.68 | 5.07 | 0 | 0.65 | 44.27 |
| 2.138 | 28.07 | 69.34 | 0.53 | 5.04 | 0 | 0.66 | 44.33 |
| 2.166 | 28.07 | 69.39 | 0.53 | 4.98 | 0 | 0.72 | 44.36 |
| 2.2   | 28.07 | 69.35 | 0.61 | 4.93 | 0 | 0.71 | 44.33 |
| 2.238 | 28.07 | 69.35 | 1.22 | 4.9  | 0 | 0.66 | 44.33 |
| 2.274 | 28.08 | 69.42 | 0.92 | 4.87 | 0 | 0.66 | 44.38 |
| 2.302 | 28.08 | 69.4  | 0.8  | 4.88 | 0 | 0.68 | 44.36 |
| 2.309 | 28.08 | 69.46 | 2.02 | 4.98 | 0 | 0.69 | 44.4  |
| 2.314 | 28.08 | 69.49 | 1.72 | 5.05 | 0 | 0.78 | 44.42 |
| 2.356 | 28.08 | 69.47 | 1.11 | 5.15 | 0 | 0.75 | 44.41 |
| 2.414 | 28.08 | 69.48 | 0.95 | 5.27 | 0 | 0.69 | 44.41 |
| 2.449 | 28.08 | 69.48 | 0.99 | 5.4  | 0 | 0.71 | 44.41 |
| 2.451 | 28.08 | 69.51 | 1.45 | 5.63 | 0 | 0.66 | 44.43 |
| 2.46  | 28.08 | 69.52 | 1.68 | 5.69 | 0 | 0.68 | 44.44 |
| 2.503 | 28.08 | 69.52 | 1.34 | 5.74 | 0 | 0.72 | 44.44 |
| 2.563 | 28.09 | 69.53 | 0.95 | 5.77 | 0 | 0.68 | 44.44 |
| 2.596 | 28.09 | 69.52 | 0.92 | 5.81 | 0 | 0.73 | 44.44 |
| 2.607 | 28.09 | 69.55 | 1.3  | 5.89 | 0 | 0.73 | 44.46 |
| 2.616 | 28.09 | 69.54 | 0.88 | 5.94 | 0 | 0.66 | 44.46 |
| 2.641 | 28.09 | 69.55 | 1.11 | 6.0  | 0 | 0.74 | 44.46 |
| 2.674 | 28.09 | 69.55 | 1.18 | 6.06 | 0 | 0.76 | 44.46 |
| 2.71  | 28.09 | 69.55 | 1.11 | 6.13 | 0 | 0.64 | 44.46 |
| 2.726 | 28.09 | 69.56 | 0.84 | 6.21 | 0 | 0.71 | 44.46 |
| 2.735 | 28.09 | 69.57 | 0.88 | 6.26 | 0 | 0.65 | 44.47 |
| 2.768 | 28.09 | 69.57 | 1.45 | 6.31 | 0 | 0.66 | 44.47 |
| 2.814 | 28.09 | 69.58 | 0.99 | 6.32 | 0 | 0.68 | 44.47 |
| 2.85  | 28.1  | 69.58 | 0.84 | 6.33 | 0 | 0.72 | 44.47 |
| 2.859 | 28.1  | 69.59 | 0.72 | 6.31 | 0 | 0.71 | 44.48 |
| 2.861 | 28.1  | 69.6  | 0.92 | 6.27 | 0 | 0.72 | 44.49 |
| 2.879 | 28.1  | 69.61 | 1.11 | 6.2  | 0 | 0.69 | 44.49 |
| 2.913 | 28.1  | 69.61 | 0.99 | 6.16 | 0 | 0.72 | 44.49 |
| 2.942 | 28.1  | 69.61 | 0.92 | 6.14 | 0 | 0.74 | 44.49 |
| 2.961 | 28.1  | 69.62 | 0.8  | 6.16 | 0 | 0.82 | 44.49 |
| 2.966 | 28.1  | 69.62 | 0.92 | 6.19 | 0 | 0.89 | 44.5  |
| 2.971 | 28.1  | 69.63 | 1.22 | 6.22 | 0 | 0.86 | 44.5  |
| 2.999 | 28.11 | 69.63 | 0.95 | 6.25 | 0 | 0.86 | 44.5  |
| 3.046 | 28.11 | 69.63 | 1.26 | 6.28 | 0 | 0.79 | 44.5  |
| 3.08  | 28.11 | 69.64 | 0.84 | 6.31 | 0 | 0.85 | 44.51 |
| 3.091 | 28.11 | 69.65 | 1.64 | 6.32 | 0 | 0.79 | 44.51 |
| 3.093 | 28.11 | 69.65 | 1.64 | 6.32 | 0 | 0.78 | 44.51 |
| 3.113 | 28.11 | 69.66 | 2.17 | 6.34 | 0 | 0.91 | 44.52 |
| 3.156 | 28.11 | 69.66 | 0.99 | 6.37 | 0 | 0.81 | 44.52 |
| 3.211 | 28.11 | 69.66 | 0.8  | 6.4  | 0 | 0.78 | 44.52 |
| 3.245 | 28.12 | 69.7  | 1.3  | 6.48 | 0 | 0.89 | 44.54 |
| 3.251 | 28.12 | 69.71 | 1.03 | 6.51 | 0 | 0.81 | 44.55 |
| 3.285 | 28.12 | 69.71 | 1.26 | 6.54 | 0 | 0.79 | 44.54 |
| 3.349 | 28.13 | 69.71 | 1.26 | 6.57 | 0 | 0.81 | 44.54 |
| 3.396 | 28.13 | 69.72 | 0.84 | 6.59 | 0 | 0.84 | 44.55 |
| 3.398 | 28.14 | 69.77 | 1.26 | 6.61 | 0 | 0.79 | 44.57 |
| 3.405 | 28.14 | 69.77 | 1.41 | 6.62 | 0 | 0.78 | 44.57 |
| 3.445 | 28.14 | 69.77 | 0.99 | 6.63 | 0 | 0.9  | 44.57 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.487 | 28.14 | 69.77 | 0.88 | 6.64 | 0 | 0.94 | 44.57 |
| 3.523 | 28.14 | 69.77 | 0.69 | 6.65 | 0 | 0.96 | 44.57 |
| 3.552 | 28.14 | 69.78 | 0.99 | 6.63 | 0 | 0.97 | 44.58 |
| 3.556 | 28.15 | 69.82 | 0.8  | 6.61 | 0 | 0.9  | 44.6  |
| 3.575 | 28.15 | 69.82 | 0.92 | 6.63 | 0 | 0.87 | 44.6  |
| 3.619 | 28.15 | 69.81 | 1.11 | 6.64 | 0 | 0.87 | 44.59 |
| 3.67  | 28.15 | 69.82 | 1.14 | 6.65 | 0 | 0.9  | 44.59 |
| 3.681 | 28.16 | 69.85 | 0.65 | 6.69 | 0 | 0.84 | 44.61 |
| 3.692 | 28.16 | 69.86 | 0.92 | 6.71 | 0 | 0.94 | 44.62 |
| 3.75  | 28.16 | 69.86 | 0.72 | 6.74 | 0 | 0.9  | 44.61 |
| 3.797 | 28.2  | 69.99 | 1.11 | 6.73 | 0 | 1.0  | 44.67 |
| 3.853 | 28.21 | 69.97 | 1.34 | 6.7  | 0 | 0.9  | 44.65 |
| 3.92  | 28.22 | 70.05 | 1.49 | 6.79 | 0 | 0.92 | 44.69 |
| 3.962 | 28.23 | 70.05 | 0.99 | 6.82 | 0 | 1.07 | 44.69 |
| 4.033 | 28.23 | 70.05 | 1.68 | 6.84 | 0 | 1.01 | 44.69 |
| 4.056 | 28.24 | 70.1  | 1.37 | 6.84 | 0 | 1.05 | 44.72 |
| 4.078 | 28.24 | 70.09 | 1.03 | 6.85 | 0 | 1.05 | 44.71 |
| 4.136 | 28.24 | 70.09 | 1.07 | 6.87 | 0 | 1.02 | 44.71 |
| 4.202 | 28.24 | 70.13 | 1.03 | 6.87 | 0 | 1.05 | 44.73 |
| 4.232 | 28.26 | 70.17 | 0.84 | 6.9  | 0 | 1.11 | 44.75 |
| 4.252 | 28.27 | 70.17 | 1.07 | 6.91 | 0 | 1.11 | 44.74 |
| 4.292 | 28.27 | 70.17 | 1.03 | 6.93 | 0 | 1.05 | 44.74 |
| 4.33  | 28.27 | 70.2  | 1.53 | 6.94 | 0 | 1.11 | 44.76 |
| 4.36  | 28.28 | 70.22 | 1.11 | 6.94 | 0 | 1.17 | 44.77 |
| 4.372 | 28.28 | 70.25 | 1.03 | 6.93 | 0 | 1.17 | 44.78 |
| 4.39  | 28.29 | 70.29 | 0.69 | 6.91 | 0 | 1.09 | 44.8  |
| 4.412 | 28.31 | 70.32 | 0.69 | 6.88 | 0 | 1.15 | 44.81 |
| 4.443 | 28.32 | 70.34 | 0.92 | 6.87 | 0 | 1.12 | 44.81 |
| 4.474 | 28.33 | 70.34 | 1.03 | 6.87 | 0 | 1.09 | 44.81 |
| 4.488 | 28.34 | 70.36 | 0.99 | 6.88 | 0 | 1.21 | 44.81 |
| 4.497 | 28.34 | 70.38 | 0.88 | 6.87 | 0 | 1.21 | 44.82 |
| 4.519 | 28.35 | 70.4  | 0.92 | 6.87 | 0 | 1.12 | 44.82 |
| 4.546 | 28.36 | 70.4  | 0.65 | 6.87 | 0 | 1.23 | 44.82 |
| 4.568 | 28.37 | 70.41 | 0.8  | 6.88 | 0 | 1.14 | 44.82 |
| 4.581 | 28.37 | 70.42 | 0.84 | 6.87 | 0 | 1.18 | 44.82 |
| 4.599 | 28.37 | 70.44 | 1.03 | 6.82 | 0 | 1.15 | 44.83 |
| 4.643 | 28.38 | 70.45 | 0.61 | 6.76 | 0 | 1.21 | 44.84 |
| 4.695 | 28.39 | 70.47 | 0.84 | 6.73 | 0 | 1.17 | 44.84 |
| 4.721 | 28.39 | 70.47 | 0.69 | 6.73 | 0 | 1.18 | 44.84 |
| 4.722 | 28.41 | 70.51 | 0.92 | 6.67 | 0 | 1.24 | 44.85 |
| 4.737 | 28.42 | 70.52 | 0.61 | 6.65 | 0 | 1.18 | 44.86 |
| 4.781 | 28.42 | 70.52 | 1.11 | 6.63 | 0 | 1.11 | 44.85 |
| 4.837 | 28.42 | 70.52 | 0.8  | 6.64 | 0 | 1.14 | 44.85 |
| 4.862 | 28.43 | 70.54 | 0.88 | 6.66 | 0 | 1.12 | 44.85 |
| 4.868 | 28.43 | 70.55 | 1.18 | 6.62 | 0 | 1.16 | 44.86 |
| 4.911 | 28.44 | 70.56 | 0.92 | 6.58 | 0 | 1.3  | 44.86 |
| 4.953 | 28.44 | 70.56 | 0.69 | 6.62 | 0 | 1.31 | 44.86 |
| 4.973 | 28.44 | 70.57 | 0.76 | 6.7  | 0 | 1.25 | 44.86 |
| 4.976 | 28.45 | 70.58 | 0.99 | 6.75 | 0 | 1.21 | 44.87 |
| 4.991 | 28.45 | 70.58 | 1.03 | 6.76 | 0 | 1.41 | 44.87 |
| 5.022 | 28.45 | 70.59 | 1.11 | 6.81 | 0 | 1.43 | 44.87 |
| 5.065 | 28.45 | 70.59 | 1.22 | 6.85 | 0 | 1.31 | 44.87 |
| 5.104 | 28.45 | 70.59 | 1.18 | 6.87 | 0 | 1.38 | 44.87 |
| 5.131 | 28.45 | 70.59 | 0.76 | 6.87 | 0 | 1.31 | 44.87 |
| 5.149 | 28.45 | 70.59 | 0.92 | 6.88 | 0 | 1.3  | 44.87 |
| 5.167 | 28.45 | 70.59 | 0.8  | 6.9  | 0 | 1.39 | 44.87 |
| 5.191 | 28.45 | 70.59 | 0.88 | 6.93 | 0 | 1.33 | 44.87 |
| 5.198 | 28.45 | 70.59 | 0.92 | 6.95 | 0 | 1.3  | 44.87 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.209 | 28.45 | 70.59 | 0.76 | 6.98 | 0 | 1.31 | 44.87 |
| 5.232 | 28.45 | 70.59 | 0.88 | 6.98 | 0 | 1.32 | 44.87 |
| 5.278 | 28.45 | 70.59 | 0.69 | 6.99 | 0 | 1.35 | 44.87 |
| 5.314 | 28.45 | 70.59 | 0.99 | 6.99 | 0 | 1.34 | 44.87 |
| 5.325 | 28.45 | 70.59 | 0.84 | 6.95 | 0 | 1.34 | 44.87 |
| 5.347 | 28.45 | 70.59 | 1.41 | 6.9  | 0 | 1.43 | 44.87 |
| 5.396 | 28.45 | 70.59 | 0.92 | 6.88 | 0 | 1.33 | 44.87 |
| 5.432 | 28.45 | 70.58 | 1.18 | 6.93 | 0 | 1.38 | 44.87 |
| 5.439 | 28.45 | 70.59 | 1.11 | 6.93 | 0 | 1.37 | 44.87 |
| 5.476 | 28.45 | 70.59 | 0.92 | 6.94 | 0 | 1.43 | 44.87 |
| 5.523 | 28.45 | 70.59 | 0.99 | 6.94 | 0 | 1.4  | 44.87 |
| 5.554 | 28.45 | 70.59 | 0.84 | 6.95 | 0 | 1.34 | 44.87 |
| 5.559 | 28.45 | 70.59 | 1.18 | 6.93 | 0 | 1.4  | 44.87 |
| 5.579 | 28.45 | 70.59 | 0.92 | 6.92 | 0 | 1.36 | 44.87 |
| 5.619 | 28.45 | 70.59 | 0.92 | 6.92 | 0 | 1.34 | 44.87 |
| 5.654 | 28.45 | 70.59 | 1.11 | 6.94 | 0 | 1.36 | 44.87 |
| 5.675 | 28.45 | 70.59 | 0.95 | 6.93 | 0 | 1.31 | 44.87 |
| 5.683 | 28.45 | 70.6  | 0.76 | 6.92 | 0 | 1.41 | 44.87 |
| 5.686 | 28.46 | 70.59 | 1.07 | 6.91 | 0 | 1.38 | 44.87 |
| 5.706 | 28.45 | 70.59 | 0.84 | 6.92 | 0 | 1.43 | 44.87 |
| 5.733 | 28.45 | 70.59 | 0.65 | 6.95 | 0 | 1.38 | 44.87 |
| 5.761 | 28.45 | 70.59 | 0.92 | 6.99 | 0 | 1.34 | 44.87 |
| 5.786 | 28.45 | 70.59 | 0.99 | 7.0  | 0 | 1.4  | 44.87 |
| 5.813 | 28.45 | 70.59 | 1.11 | 7.01 | 0 | 1.46 | 44.87 |
| 5.844 | 28.45 | 70.59 | 1.14 | 7.01 | 0 | 1.48 | 44.87 |
| 5.864 | 28.45 | 70.59 | 0.76 | 7.0  | 0 | 1.38 | 44.87 |
| 5.868 | 28.45 | 70.58 | 1.18 | 6.99 | 0 | 1.53 | 44.87 |
| 5.888 | 28.45 | 70.58 | 0.76 | 7.0  | 0 | 1.44 | 44.87 |
| 5.924 | 28.45 | 70.58 | 1.26 | 7.01 | 0 | 1.43 | 44.87 |
| 5.966 | 28.45 | 70.58 | 0.99 | 7.0  | 0 | 1.38 | 44.87 |
| 5.993 | 28.45 | 70.58 | 1.34 | 6.89 | 0 | 1.43 | 44.87 |
| 5.998 | 28.45 | 70.58 | 1.07 | 6.82 | 0 | 1.43 | 44.87 |
| 6.02  | 28.45 | 70.58 | 1.07 | 6.75 | 0 | 1.4  | 44.87 |
| 6.067 | 28.45 | 70.58 | 0.92 | 6.7  | 0 | 1.41 | 44.87 |
| 6.082 | 28.44 | 70.58 | 1.11 | 6.77 | 0 | 1.41 | 44.87 |
| 6.123 | 28.44 | 70.58 | 1.18 | 6.81 | 0 | 1.38 | 44.87 |
| 6.182 | 28.44 | 70.58 | 1.49 | 6.85 | 0 | 1.41 | 44.87 |
| 6.218 | 28.44 | 70.58 | 1.07 | 6.98 | 0 | 1.43 | 44.87 |
| 6.227 | 28.44 | 70.58 | 1.37 | 7.0  | 0 | 1.44 | 44.87 |
| 6.256 | 28.44 | 70.58 | 1.11 | 7.03 | 0 | 1.5  | 44.87 |
| 6.281 | 28.44 | 70.57 | 1.18 | 7.04 | 0 | 1.44 | 44.86 |
| 6.292 | 28.44 | 70.58 | 1.07 | 7.03 | 0 | 1.4  | 44.87 |
| 6.298 | 28.44 | 70.58 | 1.18 | 7.01 | 0 | 1.5  | 44.87 |
| 6.318 | 28.44 | 70.58 | 1.18 | 6.98 | 0 | 1.51 | 44.87 |
| 6.363 | 28.44 | 70.58 | 1.18 | 6.94 | 0 | 1.57 | 44.87 |
| 6.399 | 28.44 | 70.58 | 0.99 | 6.88 | 0 | 1.5  | 44.87 |
| 6.412 | 28.44 | 70.58 | 0.92 | 6.88 | 0 | 1.44 | 44.87 |
| 6.421 | 28.44 | 70.58 | 0.88 | 6.88 | 0 | 1.37 | 44.87 |
| 6.434 | 28.44 | 70.58 | 0.95 | 6.91 | 0 | 1.37 | 44.87 |
| 6.456 | 28.44 | 70.58 | 1.11 | 6.96 | 0 | 1.46 | 44.87 |
| 6.476 | 28.44 | 70.58 | 1.34 | 7.01 | 0 | 1.39 | 44.87 |
| 6.505 | 28.45 | 70.58 | 1.18 | 7.04 | 0 | 1.33 | 44.87 |
| 6.525 | 28.45 | 70.58 | 1.14 | 7.07 | 0 | 1.39 | 44.87 |
| 6.536 | 28.45 | 70.59 | 0.88 | 7.07 | 0 | 1.42 | 44.87 |
| 6.552 | 28.45 | 70.59 | 0.99 | 7.06 | 0 | 1.4  | 44.87 |
| 6.568 | 28.45 | 70.58 | 1.14 | 7.05 | 0 | 1.42 | 44.87 |
| 6.581 | 28.45 | 70.59 | 1.18 | 7.03 | 0 | 1.31 | 44.87 |
| 6.583 | 28.45 | 70.59 | 1.07 | 7.03 | 0 | 1.47 | 44.87 |

|       |       |       |      |      |   |     |       |
|-------|-------|-------|------|------|---|-----|-------|
| 6.586 | 28.45 | 70.59 | 1.26 | 7.02 | 0 | 1.4 | 44.87 |
|-------|-------|-------|------|------|---|-----|-------|



| 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                                                                       | 28.18      | 69.51               | 0.0            | 4.78           | 0                           | 0.78              | 44.33           |
| PROF (metros)                                                                | 0.716      | 0.751               | 0.716          | 0.716          | 0                           | 1.078             | 0.751           |
| MÁXIMO                                                                       | 28.26      | 28.26               | 3.05           | 7.12           | 0                           | 1.88              | 44.82           |
| PROF (metros)                                                                | 1.366      | 5.542               | 1.646          | 5.854          | 0                           | 5.457             | 5.542           |

| 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) |

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

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.716                                                          | 28.18      | 69.78               | 0.0            | 4.78           | 0                           | 0.88              | 44.55           |
| 0.722                                                          | 28.18      | 69.66               | 0.0            | 5.25           | 0                           | 0.84              | 44.46           |
| 0.729                                                          | 28.18      | 69.68               | 0.0            | 5.17           | 0                           | 0.96              | 44.46           |
| 0.745                                                          | 28.19      | 69.54               | 0.0            | 5.11           | 0                           | 0.91              | 44.36           |
| 0.751                                                          | 28.2       | 69.51               | 0.0            | 5.05           | 0                           | 0.94              | 44.32           |
| 0.758                                                          | 28.2       | 69.63               | 0.08           | 4.98           | 0                           | 0.82              | 44.41           |
| 0.78                                                           | 28.19      | 69.66               | 0.08           | 4.92           | 0                           | 0.84              | 44.44           |
| 0.798                                                          | 28.19      | 69.6                | 0.0            | 4.89           | 0                           | 0.82              | 44.4            |
| 0.822                                                          | 28.19      | 69.64               | 0.27           | 4.86           | 0                           | 0.85              | 44.43           |
| 0.849                                                          | 28.19      | 69.72               | 0.0            | 4.84           | 0                           | 0.81              | 44.48           |
| 0.884                                                          | 28.2       | 69.71               | 0.0            | 4.87           | 0                           | 0.85              | 44.47           |
| 0.916                                                          | 28.21      | 69.63               | 0.0            | 4.96           | 0                           | 0.95              | 44.41           |
| 0.942                                                          | 28.22      | 69.66               | 0.34           | 5.05           | 0                           | 0.85              | 44.42           |
| 0.967                                                          | 28.22      | 69.7                | 0.0            | 5.13           | 0                           | 0.86              | 44.45           |
| 0.991                                                          | 28.23      | 69.76               | 0.15           | 5.18           | 0                           | 0.92              | 44.48           |
| 1.011                                                          | 28.23      | 69.81               | 0.0            | 5.21           | 0                           | 0.91              | 44.51           |
| 1.042                                                          | 28.24      | 69.85               | 1.34           | 5.22           | 0                           | 0.85              | 44.54           |
| 1.078                                                          | 28.24      | 69.77               | 0.0            | 5.23           | 0                           | 0.78              | 44.48           |
| 1.114                                                          | 28.24      | 69.78               | 0.0            | 5.22           | 0                           | 0.97              | 44.49           |
| 1.156                                                          | 28.25      | 69.85               | 0.0            | 5.12           | 0                           | 0.95              | 44.53           |
| 1.167                                                          | 28.25      | 69.88               | 0.53           | 5.05           | 0                           | 0.94              | 44.55           |
| 1.183                                                          | 28.25      | 69.89               | 0.0            | 4.98           | 0                           | 0.97              | 44.55           |
| 1.219                                                          | 28.25      | 69.87               | 0.0            | 4.93           | 0                           | 0.95              | 44.54           |
| 1.294                                                          | 28.25      | 69.94               | 0.0            | 4.81           | 0                           | 0.98              | 44.6            |
| 1.352                                                          | 28.25      | 69.79               | 0.0            | 4.8            | 0                           | 0.99              | 44.48           |
| 1.366                                                          | 28.26      | 69.78               | 0.76           | 4.82           | 0                           | 0.95              | 44.47           |
| 1.401                                                          | 28.25      | 69.95               | 0.0            | 4.84           | 0                           | 0.96              | 44.6            |
| 1.435                                                          | 28.24      | 69.91               | 0.88           | 4.89           | 0                           | 0.93              | 44.58           |
| 1.464                                                          | 28.24      | 69.8                | 0.19           | 4.97           | 0                           | 0.94              | 44.5            |
| 1.502                                                          | 28.24      | 69.83               | 0.11           | 5.04           | 0                           | 0.95              | 44.52           |
| 1.544                                                          | 28.24      | 69.86               | 1.34           | 5.15           | 0                           | 1.02              | 44.54           |
| 1.569                                                          | 28.24      | 69.99               | 0.11           | 5.18           | 0                           | 1.01              | 44.63           |
| 1.613                                                          | 28.24      | 69.94               | 0.34           | 5.23           | 0                           | 1.02              | 44.59           |
| 1.646                                                          | 28.25      | 69.77               | 3.05           | 5.28           | 0                           | 1.04              | 44.47           |
| 1.666                                                          | 28.25      | 69.81               | 1.91           | 5.32           | 0                           | 1.03              | 44.5            |
| 1.684                                                          | 28.21      | 69.95               | 0.84           | 5.4            | 0                           | 0.98              | 44.63           |
| 1.716                                                          | 28.21      | 69.91               | 1.49           | 5.48           | 0                           | 0.95              | 44.61           |
| 1.784                                                          | 28.22      | 69.82               | 0.0            | 5.6            | 0                           | 1.02              | 44.54           |
| 1.8                                                            | 28.22      | 69.84               | 2.29           | 5.59           | 0                           | 1.0               | 44.55           |
| 1.813                                                          | 28.23      | 69.9                | 1.76           | 5.57           | 0                           | 0.98              | 44.58           |
| 1.831                                                          | 28.23      | 69.9                | 2.17           | 5.55           | 0                           | 1.04              | 44.58           |
| 1.849                                                          | 28.23      | 69.93               | 1.83           | 5.52           | 0                           | 1.01              | 44.6            |

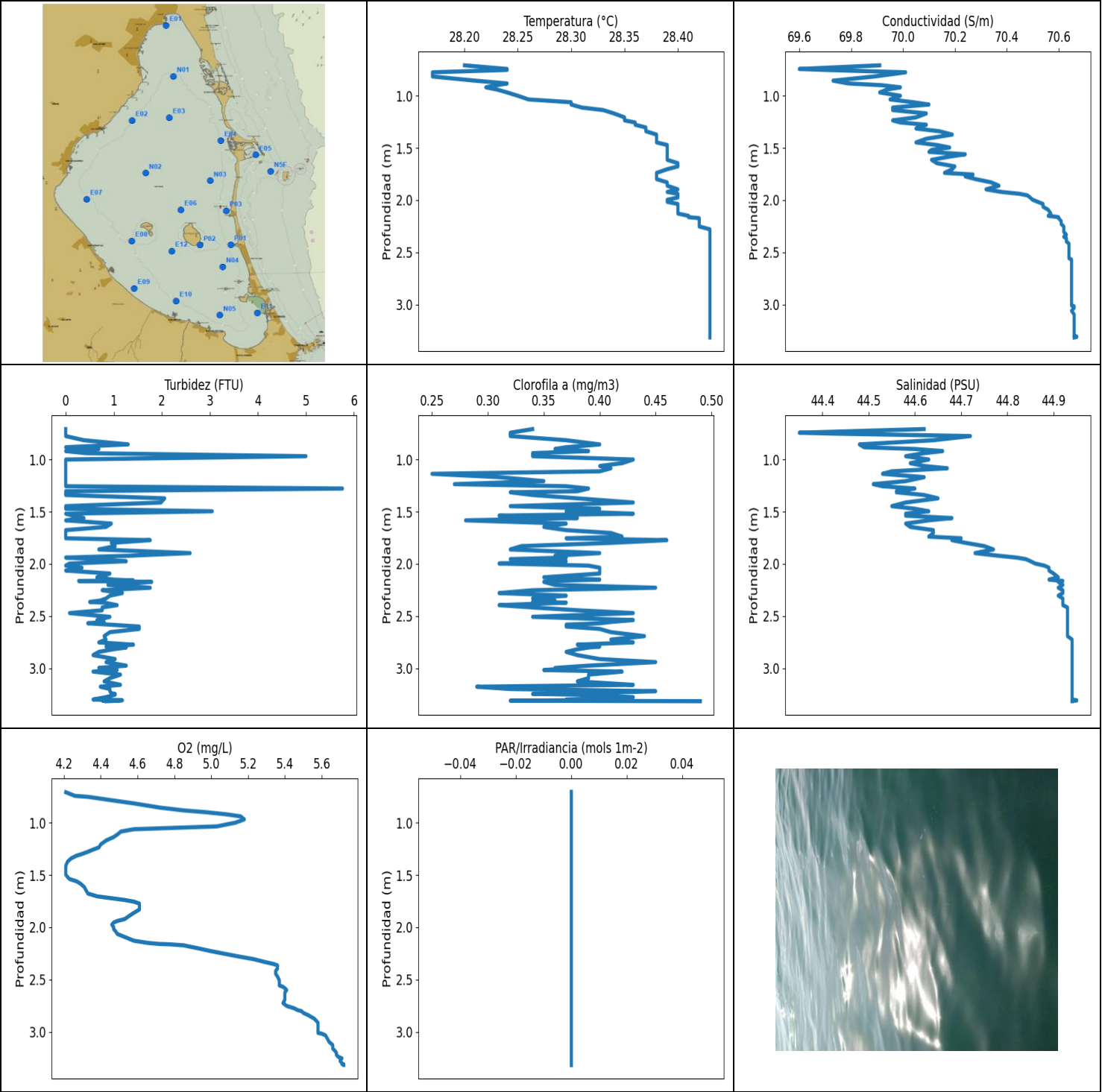
|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.889 | 28.23 | 69.94 | 2.06 | 5.48 | 0 | 1.08 | 44.61 |
| 1.925 | 28.23 | 69.89 | 1.07 | 5.42 | 0 | 1.1  | 44.57 |
| 1.952 | 28.24 | 69.86 | 2.25 | 5.34 | 0 | 0.92 | 44.55 |
| 1.969 | 28.24 | 69.85 | 1.07 | 5.26 | 0 | 1.04 | 44.54 |
| 1.981 | 28.24 | 69.9  | 1.87 | 5.17 | 0 | 0.97 | 44.57 |
| 1.998 | 28.24 | 69.99 | 1.03 | 5.08 | 0 | 0.97 | 44.63 |
| 2.034 | 28.24 | 69.96 | 1.3  | 4.99 | 0 | 1.07 | 44.62 |
| 2.07  | 28.24 | 69.88 | 1.83 | 4.94 | 0 | 1.09 | 44.56 |
| 2.097 | 28.24 | 69.94 | 1.45 | 4.89 | 0 | 1.1  | 44.6  |
| 2.117 | 28.25 | 70.01 | 1.37 | 4.88 | 0 | 1.09 | 44.65 |
| 2.136 | 28.25 | 69.95 | 1.49 | 4.9  | 0 | 1.18 | 44.6  |
| 2.143 | 28.25 | 69.95 | 1.83 | 4.91 | 0 | 1.01 | 44.6  |
| 2.165 | 28.25 | 70.04 | 1.79 | 4.95 | 0 | 1.08 | 44.67 |
| 2.19  | 28.25 | 70.05 | 1.83 | 5.0  | 0 | 1.09 | 44.67 |
| 2.217 | 28.25 | 69.98 | 1.68 | 5.05 | 0 | 1.2  | 44.62 |
| 2.245 | 28.25 | 70.05 | 1.11 | 5.1  | 0 | 1.1  | 44.67 |
| 2.264 | 28.25 | 70.12 | 1.6  | 5.14 | 0 | 1.17 | 44.72 |
| 2.286 | 28.25 | 70.1  | 1.26 | 5.2  | 0 | 1.18 | 44.71 |
| 2.315 | 28.25 | 70.12 | 1.45 | 5.3  | 0 | 1.08 | 44.73 |
| 2.342 | 28.25 | 70.14 | 1.41 | 5.43 | 0 | 1.07 | 44.74 |
| 2.366 | 28.24 | 70.11 | 1.49 | 5.56 | 0 | 1.14 | 44.72 |
| 2.384 | 28.24 | 70.14 | 1.26 | 5.66 | 0 | 1.17 | 44.74 |
| 2.41  | 28.24 | 70.15 | 1.45 | 5.71 | 0 | 1.24 | 44.75 |
| 2.431 | 28.24 | 70.13 | 1.72 | 5.74 | 0 | 1.17 | 44.74 |
| 2.455 | 28.24 | 70.15 | 0.95 | 5.73 | 0 | 1.2  | 44.75 |
| 2.479 | 28.24 | 70.15 | 1.49 | 5.7  | 0 | 1.17 | 44.76 |
| 2.502 | 28.24 | 70.14 | 1.68 | 5.67 | 0 | 1.15 | 44.75 |
| 2.528 | 28.23 | 70.15 | 1.6  | 5.69 | 0 | 1.15 | 44.76 |
| 2.557 | 28.23 | 70.15 | 1.26 | 5.76 | 0 | 1.28 | 44.76 |
| 2.586 | 28.23 | 70.15 | 1.98 | 5.84 | 0 | 1.17 | 44.76 |
| 2.607 | 28.23 | 70.16 | 1.68 | 5.92 | 0 | 1.42 | 44.77 |
| 2.629 | 28.23 | 70.15 | 1.72 | 5.99 | 0 | 1.32 | 44.77 |
| 2.658 | 28.23 | 70.16 | 1.56 | 6.04 | 0 | 1.36 | 44.77 |
| 2.68  | 28.23 | 70.16 | 1.56 | 6.08 | 0 | 1.27 | 44.77 |
| 2.7   | 28.23 | 70.16 | 1.49 | 6.11 | 0 | 1.3  | 44.77 |
| 2.718 | 28.23 | 70.16 | 1.18 | 6.13 | 0 | 1.4  | 44.77 |
| 2.734 | 28.23 | 70.16 | 1.76 | 6.16 | 0 | 1.34 | 44.77 |
| 2.773 | 28.23 | 70.17 | 1.49 | 6.19 | 0 | 1.41 | 44.78 |
| 2.807 | 28.23 | 70.16 | 1.68 | 6.22 | 0 | 1.33 | 44.77 |
| 2.843 | 28.23 | 70.17 | 1.49 | 6.26 | 0 | 1.3  | 44.78 |
| 2.863 | 28.23 | 70.17 | 1.6  | 6.32 | 0 | 1.22 | 44.78 |
| 2.876 | 28.23 | 70.17 | 1.45 | 6.35 | 0 | 1.34 | 44.78 |
| 2.88  | 28.23 | 70.17 | 1.83 | 6.36 | 0 | 1.3  | 44.78 |
| 2.894 | 28.23 | 70.17 | 1.56 | 6.36 | 0 | 1.29 | 44.78 |
| 2.931 | 28.23 | 70.17 | 1.11 | 6.35 | 0 | 1.25 | 44.78 |
| 2.969 | 28.23 | 70.17 | 1.41 | 6.35 | 0 | 1.41 | 44.78 |
| 2.998 | 28.23 | 70.18 | 1.56 | 6.37 | 0 | 1.4  | 44.78 |
| 3.025 | 28.23 | 70.18 | 1.34 | 6.39 | 0 | 1.33 | 44.78 |
| 3.047 | 28.23 | 70.18 | 1.34 | 6.41 | 0 | 1.3  | 44.78 |
| 3.061 | 28.23 | 70.18 | 1.56 | 6.42 | 0 | 1.27 | 44.78 |
| 3.077 | 28.23 | 70.18 | 1.6  | 6.43 | 0 | 1.38 | 44.78 |
| 3.097 | 28.23 | 70.18 | 1.53 | 6.43 | 0 | 1.27 | 44.78 |
| 3.127 | 28.23 | 70.18 | 1.41 | 6.41 | 0 | 1.37 | 44.78 |
| 3.161 | 28.23 | 70.18 | 1.6  | 6.37 | 0 | 1.26 | 44.78 |
| 3.194 | 28.23 | 70.18 | 1.3  | 6.35 | 0 | 1.31 | 44.78 |
| 3.217 | 28.23 | 70.18 | 1.56 | 6.34 | 0 | 1.4  | 44.78 |
| 3.23  | 28.23 | 70.18 | 1.26 | 6.35 | 0 | 1.41 | 44.79 |
| 3.257 | 28.23 | 70.18 | 1.56 | 6.39 | 0 | 1.27 | 44.79 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.29  | 28.23 | 70.18 | 1.45 | 6.43 | 0 | 1.45 | 44.79 |
| 3.321 | 28.23 | 70.18 | 1.53 | 6.51 | 0 | 1.64 | 44.79 |
| 3.342 | 28.23 | 70.18 | 1.26 | 6.57 | 0 | 1.5  | 44.79 |
| 3.359 | 28.23 | 70.18 | 1.18 | 6.62 | 0 | 1.42 | 44.79 |
| 3.371 | 28.23 | 70.18 | 1.45 | 6.65 | 0 | 1.43 | 44.79 |
| 3.388 | 28.23 | 70.18 | 1.49 | 6.67 | 0 | 1.36 | 44.79 |
| 3.411 | 28.23 | 70.18 | 1.45 | 6.68 | 0 | 1.47 | 44.79 |
| 3.442 | 28.23 | 70.18 | 1.68 | 6.67 | 0 | 1.46 | 44.79 |
| 3.473 | 28.23 | 70.18 | 1.53 | 6.65 | 0 | 1.46 | 44.79 |
| 3.506 | 28.23 | 70.18 | 1.34 | 6.64 | 0 | 1.37 | 44.79 |
| 3.529 | 28.23 | 70.18 | 1.72 | 6.64 | 0 | 1.43 | 44.79 |
| 3.535 | 28.23 | 70.19 | 1.34 | 6.62 | 0 | 1.41 | 44.79 |
| 3.54  | 28.23 | 70.19 | 1.41 | 6.61 | 0 | 1.49 | 44.79 |
| 3.56  | 28.23 | 70.19 | 1.34 | 6.62 | 0 | 1.42 | 44.79 |
| 3.593 | 28.23 | 70.19 | 1.91 | 6.63 | 0 | 1.45 | 44.79 |
| 3.622 | 28.23 | 70.19 | 1.49 | 6.65 | 0 | 1.41 | 44.79 |
| 3.647 | 28.23 | 70.19 | 1.41 | 6.68 | 0 | 1.35 | 44.79 |
| 3.671 | 28.23 | 70.19 | 1.18 | 6.71 | 0 | 1.35 | 44.79 |
| 3.693 | 28.23 | 70.19 | 1.68 | 6.73 | 0 | 1.5  | 44.79 |
| 3.707 | 28.23 | 70.19 | 1.34 | 6.74 | 0 | 1.37 | 44.79 |
| 3.714 | 28.23 | 70.19 | 1.49 | 6.75 | 0 | 1.45 | 44.79 |
| 3.725 | 28.23 | 70.19 | 1.49 | 6.77 | 0 | 1.43 | 44.79 |
| 3.754 | 28.23 | 70.19 | 1.56 | 6.78 | 0 | 1.39 | 44.79 |
| 3.794 | 28.23 | 70.19 | 1.26 | 6.78 | 0 | 1.47 | 44.79 |
| 3.822 | 28.23 | 70.19 | 1.45 | 6.79 | 0 | 1.42 | 44.8  |
| 3.827 | 28.23 | 70.19 | 1.3  | 6.79 | 0 | 1.44 | 44.79 |
| 3.84  | 28.23 | 70.19 | 1.64 | 6.8  | 0 | 1.47 | 44.8  |
| 3.87  | 28.23 | 70.19 | 1.45 | 6.8  | 0 | 1.47 | 44.8  |
| 3.903 | 28.23 | 70.19 | 1.3  | 6.8  | 0 | 1.38 | 44.8  |
| 3.925 | 28.23 | 70.19 | 1.41 | 6.8  | 0 | 1.4  | 44.8  |
| 3.93  | 28.23 | 70.19 | 1.37 | 6.81 | 0 | 1.45 | 44.8  |
| 3.941 | 28.23 | 70.19 | 1.37 | 6.82 | 0 | 1.43 | 44.8  |
| 3.958 | 28.23 | 70.19 | 1.68 | 6.84 | 0 | 1.53 | 44.8  |
| 3.994 | 28.23 | 70.19 | 1.3  | 6.85 | 0 | 1.53 | 44.8  |
| 4.032 | 28.23 | 70.19 | 1.37 | 6.87 | 0 | 1.44 | 44.8  |
| 4.054 | 28.23 | 70.19 | 1.53 | 6.88 | 0 | 1.41 | 44.8  |
| 4.068 | 28.23 | 70.19 | 1.53 | 6.86 | 0 | 1.56 | 44.8  |
| 4.085 | 28.23 | 70.19 | 1.76 | 6.85 | 0 | 1.59 | 44.8  |
| 4.114 | 28.23 | 70.19 | 1.49 | 6.86 | 0 | 1.57 | 44.8  |
| 4.128 | 28.23 | 70.2  | 1.56 | 6.88 | 0 | 1.46 | 44.8  |
| 4.146 | 28.23 | 70.2  | 1.37 | 6.88 | 0 | 1.51 | 44.8  |
| 4.163 | 28.23 | 70.2  | 1.41 | 6.86 | 0 | 1.63 | 44.8  |
| 4.188 | 28.23 | 70.2  | 1.79 | 6.84 | 0 | 1.73 | 44.8  |
| 4.215 | 28.23 | 70.2  | 1.45 | 6.84 | 0 | 1.59 | 44.8  |
| 4.243 | 28.23 | 70.2  | 1.91 | 6.81 | 0 | 1.56 | 44.8  |
| 4.252 | 28.23 | 70.2  | 1.49 | 6.76 | 0 | 1.59 | 44.8  |
| 4.268 | 28.23 | 70.2  | 1.37 | 6.69 | 0 | 1.54 | 44.8  |
| 4.299 | 28.23 | 70.2  | 1.68 | 6.64 | 0 | 1.57 | 44.8  |
| 4.322 | 28.23 | 70.2  | 1.34 | 6.65 | 0 | 1.56 | 44.8  |
| 4.33  | 28.23 | 70.2  | 1.49 | 6.66 | 0 | 1.69 | 44.8  |
| 4.339 | 28.23 | 70.2  | 1.72 | 6.64 | 0 | 1.66 | 44.8  |
| 4.357 | 28.23 | 70.2  | 1.56 | 6.62 | 0 | 1.59 | 44.8  |
| 4.388 | 28.23 | 70.2  | 1.34 | 6.62 | 0 | 1.56 | 44.8  |
| 4.424 | 28.23 | 70.2  | 1.56 | 6.61 | 0 | 1.58 | 44.8  |
| 4.44  | 28.23 | 70.2  | 1.26 | 6.61 | 0 | 1.62 | 44.8  |
| 4.455 | 28.23 | 70.2  | 1.18 | 6.63 | 0 | 1.57 | 44.8  |
| 4.468 | 28.23 | 70.2  | 1.56 | 6.64 | 0 | 1.66 | 44.8  |
| 4.491 | 28.23 | 70.2  | 1.26 | 6.66 | 0 | 1.6  | 44.8  |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.507 | 28.23 | 70.2  | 1.56 | 6.67 | 0 | 1.65 | 44.8  |
| 4.531 | 28.23 | 70.2  | 1.49 | 6.66 | 0 | 1.66 | 44.8  |
| 4.566 | 28.23 | 70.2  | 1.26 | 6.63 | 0 | 1.55 | 44.8  |
| 4.593 | 28.23 | 70.2  | 1.49 | 6.61 | 0 | 1.48 | 44.8  |
| 4.616 | 28.23 | 70.2  | 1.45 | 6.61 | 0 | 1.5  | 44.8  |
| 4.636 | 28.23 | 70.2  | 1.6  | 6.6  | 0 | 1.54 | 44.8  |
| 4.664 | 28.23 | 70.2  | 1.45 | 6.61 | 0 | 1.49 | 44.8  |
| 4.696 | 28.23 | 70.2  | 1.83 | 6.61 | 0 | 1.59 | 44.8  |
| 4.714 | 28.23 | 70.2  | 1.56 | 6.65 | 0 | 1.59 | 44.8  |
| 4.723 | 28.23 | 70.2  | 1.41 | 6.68 | 0 | 1.58 | 44.8  |
| 4.745 | 28.23 | 70.2  | 1.53 | 6.69 | 0 | 1.63 | 44.8  |
| 4.772 | 28.23 | 70.2  | 1.41 | 6.72 | 0 | 1.66 | 44.8  |
| 4.805 | 28.23 | 70.21 | 1.72 | 6.76 | 0 | 1.63 | 44.8  |
| 4.829 | 28.23 | 70.21 | 1.83 | 6.78 | 0 | 1.72 | 44.8  |
| 4.834 | 28.23 | 70.21 | 1.83 | 6.79 | 0 | 1.6  | 44.8  |
| 4.84  | 28.23 | 70.21 | 1.26 | 6.78 | 0 | 1.62 | 44.8  |
| 4.85  | 28.23 | 70.21 | 1.3  | 6.74 | 0 | 1.72 | 44.8  |
| 4.879 | 28.23 | 70.21 | 1.3  | 6.72 | 0 | 1.7  | 44.8  |
| 4.912 | 28.23 | 70.21 | 1.49 | 6.75 | 0 | 1.74 | 44.8  |
| 4.934 | 28.23 | 70.21 | 1.3  | 6.79 | 0 | 1.63 | 44.8  |
| 4.948 | 28.23 | 70.21 | 1.37 | 6.82 | 0 | 1.63 | 44.8  |
| 4.961 | 28.23 | 70.21 | 1.34 | 6.83 | 0 | 1.74 | 44.8  |
| 4.99  | 28.23 | 70.21 | 1.41 | 6.81 | 0 | 1.74 | 44.8  |
| 5.023 | 28.23 | 70.21 | 1.56 | 6.81 | 0 | 1.62 | 44.8  |
| 5.048 | 28.23 | 70.21 | 1.68 | 6.84 | 0 | 1.65 | 44.8  |
| 5.059 | 28.23 | 70.21 | 1.83 | 6.86 | 0 | 1.7  | 44.8  |
| 5.086 | 28.23 | 70.21 | 1.49 | 6.83 | 0 | 1.77 | 44.8  |
| 5.128 | 28.23 | 70.21 | 1.56 | 6.81 | 0 | 1.66 | 44.8  |
| 5.17  | 28.23 | 70.21 | 1.41 | 6.8  | 0 | 1.69 | 44.8  |
| 5.192 | 28.24 | 70.21 | 1.41 | 6.82 | 0 | 1.77 | 44.8  |
| 5.193 | 28.24 | 70.21 | 1.64 | 6.83 | 0 | 1.8  | 44.8  |
| 5.206 | 28.24 | 70.21 | 1.34 | 6.81 | 0 | 1.87 | 44.8  |
| 5.226 | 28.24 | 70.21 | 1.56 | 6.79 | 0 | 1.86 | 44.8  |
| 5.242 | 28.24 | 70.21 | 1.53 | 6.8  | 0 | 1.83 | 44.8  |
| 5.259 | 28.24 | 70.21 | 1.45 | 6.82 | 0 | 1.81 | 44.8  |
| 5.279 | 28.24 | 70.21 | 1.56 | 6.83 | 0 | 1.76 | 44.8  |
| 5.293 | 28.24 | 70.21 | 1.41 | 6.82 | 0 | 1.64 | 44.8  |
| 5.324 | 28.24 | 70.21 | 1.49 | 6.8  | 0 | 1.61 | 44.8  |
| 5.364 | 28.24 | 70.22 | 1.6  | 6.76 | 0 | 1.78 | 44.81 |
| 5.395 | 28.24 | 70.22 | 1.45 | 6.73 | 0 | 1.86 | 44.81 |
| 5.411 | 28.24 | 70.22 | 1.37 | 6.7  | 0 | 1.69 | 44.81 |
| 5.426 | 28.24 | 70.22 | 1.64 | 6.67 | 0 | 1.87 | 44.8  |
| 5.44  | 28.24 | 70.22 | 1.41 | 6.65 | 0 | 1.76 | 44.81 |
| 5.457 | 28.24 | 70.22 | 1.83 | 6.69 | 0 | 1.88 | 44.81 |
| 5.478 | 28.24 | 70.22 | 1.56 | 6.76 | 0 | 1.81 | 44.81 |
| 5.516 | 28.24 | 70.22 | 1.53 | 6.82 | 0 | 1.79 | 44.81 |
| 5.542 | 28.24 | 70.24 | 1.64 | 6.88 | 0 | 1.81 | 44.82 |
| 5.554 | 28.24 | 70.23 | 1.6  | 6.92 | 0 | 1.78 | 44.81 |
| 5.564 | 28.25 | 70.23 | 1.34 | 6.93 | 0 | 1.85 | 44.81 |
| 5.591 | 28.25 | 70.23 | 1.68 | 6.9  | 0 | 1.8  | 44.81 |
| 5.623 | 28.25 | 70.23 | 1.41 | 6.86 | 0 | 1.7  | 44.81 |
| 5.647 | 28.25 | 70.24 | 1.37 | 6.84 | 0 | 1.66 | 44.81 |
| 5.66  | 28.25 | 70.24 | 1.37 | 6.83 | 0 | 1.76 | 44.81 |
| 5.68  | 28.25 | 70.24 | 1.76 | 6.81 | 0 | 1.84 | 44.81 |
| 5.702 | 28.25 | 70.24 | 1.68 | 6.81 | 0 | 1.79 | 44.81 |
| 5.723 | 28.25 | 70.24 | 1.49 | 6.84 | 0 | 1.82 | 44.81 |
| 5.75  | 28.25 | 70.24 | 1.6  | 6.89 | 0 | 1.75 | 44.81 |
| 5.774 | 28.25 | 70.24 | 1.56 | 6.93 | 0 | 1.75 | 44.81 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.787 | 28.25 | 70.24 | 1.45 | 6.99 | 0 | 1.8  | 44.81 |
| 5.794 | 28.25 | 70.24 | 1.3  | 7.03 | 0 | 1.75 | 44.81 |
| 5.807 | 28.25 | 70.24 | 1.11 | 7.04 | 0 | 1.78 | 44.81 |
| 5.821 | 28.25 | 70.24 | 1.45 | 7.02 | 0 | 1.61 | 44.81 |
| 5.825 | 28.25 | 70.24 | 1.26 | 6.98 | 0 | 1.66 | 44.81 |
| 5.838 | 28.25 | 70.24 | 1.68 | 6.96 | 0 | 1.67 | 44.81 |
| 5.845 | 28.25 | 70.24 | 1.41 | 6.91 | 0 | 1.63 | 44.81 |
| 5.849 | 28.25 | 70.24 | 1.41 | 6.88 | 0 | 1.68 | 44.81 |
| 5.85  | 28.25 | 70.23 | 1.34 | 7.1  | 0 | 1.78 | 44.8  |
| 5.854 | 28.25 | 70.23 | 1.41 | 7.12 | 0 | 1.75 | 44.81 |



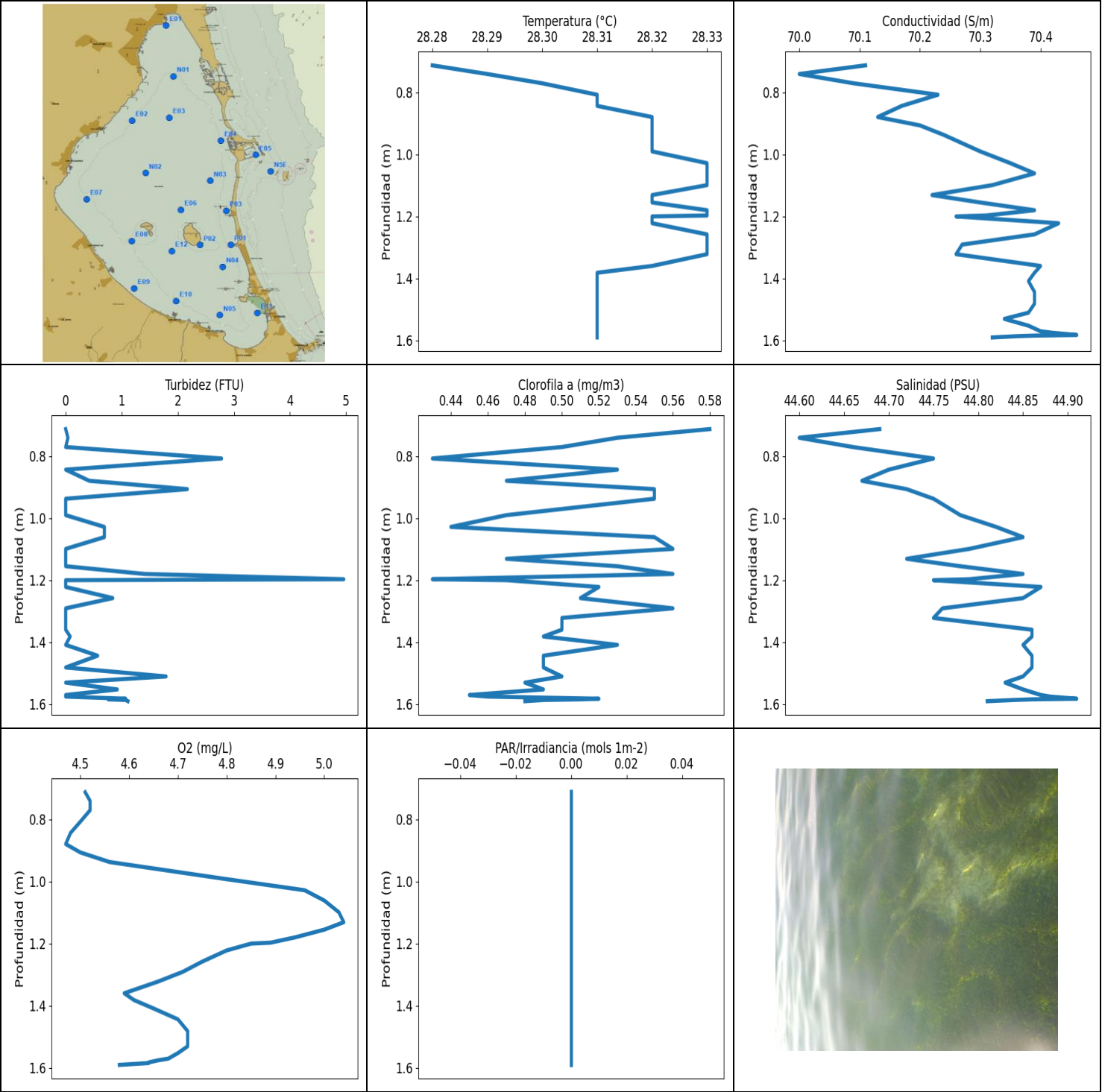
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.17      | 69.6                | 0.0            | 4.21           | 0                           | 0.25              | 44.35           |
| PROF (metros)                                                                | 0.775      | 0.743               | 0.708          | 0.708          | 0                           | 1.137             | 0.743           |
| MÁXIMO                                                                       | 28.43      | 28.43               | 5.76           | 5.72           | 0                           | 0.49              | 44.95           |
| PROF (metros)                                                                | 2.28       | 3.308               | 1.278          | 3.31           | 0                           | 3.317             | 3.308           |

| 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) |
|                                                            |            |                     |                |                |                             |                   |                 |
| 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                                                          | 28.2       | 69.91               | 0.0            | 4.21           | 0                           | 0.34              | 44.62           |
| 0.743                                                          | 28.24      | 69.6                | 0.0            | 4.26           | 0                           | 0.32              | 44.35           |
| 0.752                                                          | 28.24      | 69.7                | 0.0            | 4.33           | 0                           | 0.32              | 44.43           |
| 0.775                                                          | 28.17      | 70.01               | 0.0            | 4.42           | 0                           | 0.32              | 44.72           |
| 0.815                                                          | 28.17      | 69.89               | 0.38           | 4.58           | 0                           | 0.37              | 44.64           |
| 0.855                                                          | 28.21      | 69.73               | 1.3            | 4.72           | 0                           | 0.4               | 44.48           |
| 0.882                                                          | 28.24      | 69.79               | 0.0            | 4.85           | 0                           | 0.37              | 44.49           |
| 0.899                                                          | 28.23      | 69.92               | 0.69           | 4.97           | 0                           | 0.36              | 44.6            |
| 0.919                                                          | 28.22      | 69.99               | 0.0            | 5.08           | 0                           | 0.39              | 44.66           |
| 0.939                                                          | 28.23      | 69.94               | 0.42           | 5.16           | 0                           | 0.34              | 44.62           |
| 0.968                                                          | 28.24      | 69.91               | 5.0            | 5.18           | 0                           | 0.34              | 44.58           |
| 1.0                                                            | 28.25      | 69.99               | 0.0            | 5.13           | 0                           | 0.43              | 44.63           |
| 1.035                                                          | 28.26      | 69.95               | 0.0            | 5.03           | 0                           | 0.42              | 44.59           |
| 1.062                                                          | 28.3       | 70.04               | 0.0            | 4.58           | 0                           | 0.4               | 44.62           |
| 1.084                                                          | 28.3       | 70.1                | 0.0            | 4.51           | 0                           | 0.41              | 44.67           |
| 1.113                                                          | 28.31      | 69.96               | 0.0            | 4.49           | 0                           | 0.4               | 44.55           |
| 1.137                                                          | 28.33      | 69.96               | 0.0            | 4.47           | 0                           | 0.25              | 44.53           |
| 1.169                                                          | 28.34      | 70.09               | 0.0            | 4.43           | 0                           | 0.31              | 44.62           |
| 1.207                                                          | 28.35      | 70.05               | 0.0            | 4.4            | 0                           | 0.35              | 44.58           |
| 1.236                                                          | 28.35      | 69.96               | 0.0            | 4.39           | 0                           | 0.27              | 44.51           |
| 1.256                                                          | 28.36      | 69.99               | 0.0            | 4.36           | 0                           | 0.37              | 44.53           |
| 1.278                                                          | 28.36      | 70.09               | 5.76           | 4.33           | 0                           | 0.39              | 44.6            |
| 1.304                                                          | 28.37      | 70.06               | 0.0            | 4.29           | 0                           | 0.38              | 44.56           |
| 1.314                                                          | 28.37      | 70.05               | 0.0            | 4.27           | 0                           | 0.32              | 44.56           |
| 1.34                                                           | 28.37      | 70.14               | 0.0            | 4.24           | 0                           | 0.34              | 44.62           |
| 1.372                                                          | 28.38      | 70.19               | 2.06           | 4.22           | 0                           | 0.38              | 44.65           |
| 1.412                                                          | 28.38      | 70.09               | 1.98           | 4.21           | 0                           | 0.43              | 44.58           |
| 1.447                                                          | 28.38      | 70.05               | 0.0            | 4.21           | 0                           | 0.32              | 44.55           |
| 1.472                                                          | 28.39      | 70.13               | 0.0            | 4.21           | 0                           | 0.4               | 44.6            |
| 1.496                                                          | 28.39      | 70.18               | 3.05           | 4.21           | 0                           | 0.37              | 44.63           |
| 1.519                                                          | 28.39      | 70.11               | 0.0            | 4.22           | 0                           | 0.43              | 44.58           |
| 1.538                                                          | 28.39      | 70.1                | 0.15           | 4.23           | 0                           | 0.31              | 44.58           |
| 1.561                                                          | 28.39      | 70.24               | 0.38           | 4.27           | 0                           | 0.38              | 44.68           |
| 1.583                                                          | 28.39      | 70.18               | 0.0            | 4.29           | 0                           | 0.28              | 44.63           |
| 1.614                                                          | 28.39      | 70.11               | 0.95           | 4.31           | 0                           | 0.37              | 44.58           |
| 1.646                                                          | 28.4       | 70.13               | 0.84           | 4.32           | 0                           | 0.35              | 44.59           |
| 1.677                                                          | 28.4       | 70.2                | 0.0            | 4.33           | 0                           | 0.37              | 44.64           |
| 1.704                                                          | 28.39      | 70.19               | 0.0            | 4.38           | 0                           | 0.41              | 44.64           |
| 1.739                                                          | 28.38      | 70.16               | 0.0            | 4.53           | 0                           | 0.42              | 44.63           |
| 1.755                                                          | 28.38      | 70.27               | 0.0            | 4.58           | 0                           | 0.37              | 44.7            |
| 1.773                                                          | 28.38      | 70.24               | 1.76           | 4.61           | 0                           | 0.46              | 44.68           |
| 1.799                                                          | 28.38      | 70.28               | 0.95           | 4.61           | 0                           | 0.41              | 44.71           |

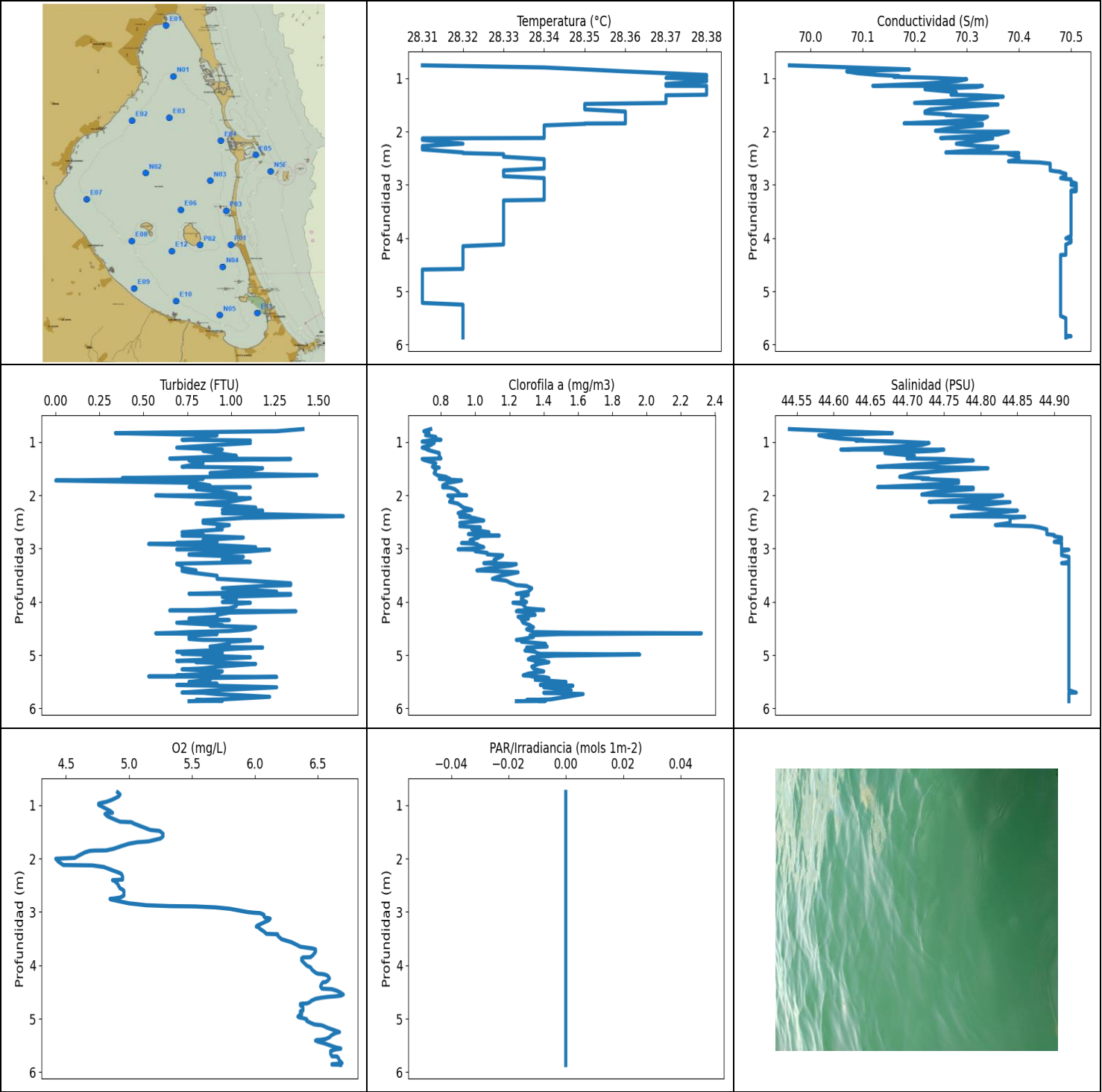
|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.83  | 28.39 | 70.34 | 1.03 | 4.61 | 0 | 0.33 | 44.75 |
| 1.862 | 28.39 | 70.37 | 0.69 | 4.58 | 0 | 0.32 | 44.77 |
| 1.897 | 28.4  | 70.32 | 2.59 | 4.55 | 0 | 0.4  | 44.73 |
| 1.922 | 28.39 | 70.38 | 1.34 | 4.53 | 0 | 0.36 | 44.78 |
| 1.94  | 28.4  | 70.45 | 0.0  | 4.49 | 0 | 0.37 | 44.82 |
| 1.955 | 28.4  | 70.48 | 0.61 | 4.47 | 0 | 0.32 | 44.84 |
| 1.975 | 28.4  | 70.49 | 1.26 | 4.46 | 0 | 0.37 | 44.85 |
| 1.997 | 28.39 | 70.5  | 0.08 | 4.47 | 0 | 0.31 | 44.86 |
| 2.017 | 28.39 | 70.52 | 0.0  | 4.47 | 0 | 0.39 | 44.88 |
| 2.037 | 28.4  | 70.54 | 0.34 | 4.48 | 0 | 0.4  | 44.89 |
| 2.064 | 28.4  | 70.54 | 0.0  | 4.49 | 0 | 0.4  | 44.89 |
| 2.093 | 28.4  | 70.56 | 0.92 | 4.53 | 0 | 0.4  | 44.9  |
| 2.129 | 28.4  | 70.57 | 0.65 | 4.58 | 0 | 0.35 | 44.91 |
| 2.151 | 28.41 | 70.56 | 0.99 | 4.66 | 0 | 0.4  | 44.89 |
| 2.16  | 28.41 | 70.59 | 1.41 | 4.72 | 0 | 0.37 | 44.91 |
| 2.164 | 28.41 | 70.6  | 0.27 | 4.78 | 0 | 0.36 | 44.92 |
| 2.173 | 28.42 | 70.6  | 1.79 | 4.85 | 0 | 0.35 | 44.91 |
| 2.202 | 28.42 | 70.61 | 0.88 | 4.93 | 0 | 0.36 | 44.92 |
| 2.229 | 28.42 | 70.61 | 1.76 | 5.0  | 0 | 0.45 | 44.91 |
| 2.253 | 28.42 | 70.62 | 0.76 | 5.07 | 0 | 0.34 | 44.92 |
| 2.28  | 28.43 | 70.62 | 1.18 | 5.15 | 0 | 0.31 | 44.92 |
| 2.305 | 28.43 | 70.62 | 0.92 | 5.23 | 0 | 0.37 | 44.91 |
| 2.332 | 28.43 | 70.63 | 0.84 | 5.29 | 0 | 0.34 | 44.92 |
| 2.352 | 28.43 | 70.62 | 0.72 | 5.34 | 0 | 0.36 | 44.92 |
| 2.365 | 28.43 | 70.63 | 0.5  | 5.36 | 0 | 0.34 | 44.92 |
| 2.372 | 28.43 | 70.63 | 0.8  | 5.36 | 0 | 0.37 | 44.92 |
| 2.396 | 28.43 | 70.63 | 1.07 | 5.36 | 0 | 0.31 | 44.92 |
| 2.418 | 28.43 | 70.64 | 0.76 | 5.35 | 0 | 0.34 | 44.93 |
| 2.445 | 28.43 | 70.64 | 0.76 | 5.35 | 0 | 0.38 | 44.93 |
| 2.472 | 28.43 | 70.64 | 0.08 | 5.36 | 0 | 0.43 | 44.93 |
| 2.508 | 28.43 | 70.64 | 0.92 | 5.37 | 0 | 0.34 | 44.93 |
| 2.539 | 28.43 | 70.64 | 0.65 | 5.37 | 0 | 0.43 | 44.93 |
| 2.557 | 28.43 | 70.64 | 0.8  | 5.37 | 0 | 0.41 | 44.93 |
| 2.57  | 28.43 | 70.65 | 0.46 | 5.39 | 0 | 0.4  | 44.93 |
| 2.583 | 28.43 | 70.65 | 0.92 | 5.4  | 0 | 0.37 | 44.93 |
| 2.601 | 28.43 | 70.65 | 1.53 | 5.41 | 0 | 0.37 | 44.93 |
| 2.624 | 28.43 | 70.65 | 1.53 | 5.4  | 0 | 0.4  | 44.93 |
| 2.655 | 28.43 | 70.65 | 0.92 | 5.4  | 0 | 0.41 | 44.93 |
| 2.693 | 28.43 | 70.65 | 0.8  | 5.4  | 0 | 0.44 | 44.93 |
| 2.726 | 28.43 | 70.65 | 0.84 | 5.39 | 0 | 0.41 | 44.94 |
| 2.753 | 28.43 | 70.65 | 0.69 | 5.41 | 0 | 0.43 | 44.94 |
| 2.775 | 28.43 | 70.65 | 1.41 | 5.45 | 0 | 0.38 | 44.94 |
| 2.793 | 28.43 | 70.65 | 0.84 | 5.47 | 0 | 0.4  | 44.94 |
| 2.802 | 28.43 | 70.65 | 1.26 | 5.49 | 0 | 0.39 | 44.94 |
| 2.819 | 28.43 | 70.65 | 0.99 | 5.5  | 0 | 0.38 | 44.94 |
| 2.844 | 28.43 | 70.65 | 0.69 | 5.53 | 0 | 0.37 | 44.94 |
| 2.875 | 28.43 | 70.65 | 0.57 | 5.56 | 0 | 0.38 | 44.94 |
| 2.913 | 28.43 | 70.65 | 1.03 | 5.58 | 0 | 0.4  | 44.94 |
| 2.942 | 28.43 | 70.65 | 0.84 | 5.58 | 0 | 0.45 | 44.94 |
| 2.976 | 28.43 | 70.65 | 1.26 | 5.58 | 0 | 0.39 | 44.94 |
| 2.998 | 28.43 | 70.65 | 0.69 | 5.58 | 0 | 0.36 | 44.94 |
| 3.011 | 28.43 | 70.65 | 0.8  | 5.58 | 0 | 0.36 | 44.94 |
| 3.018 | 28.43 | 70.66 | 1.07 | 5.6  | 0 | 0.35 | 44.94 |
| 3.033 | 28.43 | 70.66 | 0.57 | 5.62 | 0 | 0.42 | 44.94 |
| 3.062 | 28.43 | 70.65 | 1.14 | 5.63 | 0 | 0.39 | 44.94 |
| 3.096 | 28.43 | 70.66 | 0.92 | 5.64 | 0 | 0.39 | 44.94 |
| 3.127 | 28.43 | 70.66 | 0.8  | 5.66 | 0 | 0.38 | 44.94 |
| 3.16  | 28.43 | 70.66 | 1.14 | 5.66 | 0 | 0.43 | 44.94 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.178 | 28.43 | 70.66 | 0.72 | 5.67 | 0 | 0.29 | 44.94 |
| 3.2   | 28.43 | 70.66 | 0.92 | 5.68 | 0 | 0.32 | 44.94 |
| 3.221 | 28.43 | 70.66 | 0.92 | 5.68 | 0 | 0.45 | 44.94 |
| 3.24  | 28.43 | 70.66 | 0.95 | 5.69 | 0 | 0.39 | 44.94 |
| 3.247 | 28.43 | 70.66 | 1.03 | 5.7  | 0 | 0.34 | 44.94 |
| 3.254 | 28.43 | 70.66 | 1.03 | 5.71 | 0 | 0.38 | 44.94 |
| 3.278 | 28.43 | 70.66 | 0.84 | 5.7  | 0 | 0.43 | 44.94 |
| 3.301 | 28.43 | 70.66 | 0.57 | 5.71 | 0 | 0.37 | 44.94 |
| 3.308 | 28.43 | 70.67 | 1.18 | 5.71 | 0 | 0.37 | 44.95 |
| 3.31  | 28.43 | 70.67 | 0.76 | 5.72 | 0 | 0.35 | 44.95 |
| 3.312 | 28.43 | 70.67 | 1.11 | 5.72 | 0 | 0.32 | 44.94 |
| 3.317 | 28.43 | 70.66 | 0.84 | 5.72 | 0 | 0.49 | 44.94 |



| 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                                                                       | 28.28      | 70.0                | 0.0            | 4.47           | 0                           | 0.43              | 44.6            |
| PROF (metros)                                                                | 0.712      | 0.74                | 0.712          | 0.879          | 0                           | 0.807             | 0.74            |
| MÁXIMO                                                                       | 28.33      | 28.33               | 4.96           | 5.04           | 0                           | 0.58              | 44.91           |
| PROF (metros)                                                                | 1.028      | 1.583               | 1.197          | 1.131          | 0                           | 0.712             | 1.583           |

| 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) |
|                                                                |            |                     |                |                |                             |                   |                 |
| 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                                                          | 28.28      | 70.11               | 0.0            | 4.51           | 0                           | 0.58              | 44.69           |
| 0.74                                                           | 28.29      | 70.0                | 0.04           | 4.52           | 0                           | 0.53              | 44.6            |
| 0.77                                                           | 28.3       | 70.09               | 0.0            | 4.52           | 0                           | 0.5               | 44.66           |
| 0.807                                                          | 28.31      | 70.23               | 2.78           | 4.5            | 0                           | 0.43              | 44.75           |
| 0.843                                                          | 28.31      | 70.17               | 0.0            | 4.48           | 0                           | 0.53              | 44.7            |
| 0.879                                                          | 28.32      | 70.13               | 0.42           | 4.47           | 0                           | 0.47              | 44.67           |
| 0.906                                                          | 28.32      | 70.2                | 2.17           | 4.5            | 0                           | 0.55              | 44.72           |
| 0.937                                                          | 28.32      | 70.24               | 0.0            | 4.56           | 0                           | 0.55              | 44.75           |
| 0.99                                                           | 28.32      | 70.3                | 0.0            | 4.79           | 0                           | 0.47              | 44.78           |
| 1.028                                                          | 28.33      | 70.35               | 0.69           | 4.96           | 0                           | 0.44              | 44.82           |
| 1.061                                                          | 28.33      | 70.39               | 0.69           | 5.0            | 0                           | 0.55              | 44.85           |
| 1.099                                                          | 28.33      | 70.32               | 0.0            | 5.03           | 0                           | 0.56              | 44.79           |
| 1.131                                                          | 28.32      | 70.22               | 0.0            | 5.04           | 0                           | 0.47              | 44.72           |
| 1.155                                                          | 28.32      | 70.3                | 0.0            | 5.0            | 0                           | 0.53              | 44.78           |
| 1.18                                                           | 28.33      | 70.39               | 1.41           | 4.94           | 0                           | 0.56              | 44.85           |
| 1.197                                                          | 28.33      | 70.31               | 4.96           | 4.89           | 0                           | 0.43              | 44.79           |
| 1.2                                                            | 28.32      | 70.26               | 0.0            | 4.85           | 0                           | 0.47              | 44.75           |
| 1.222                                                          | 28.32      | 70.43               | 0.0            | 4.8            | 0                           | 0.52              | 44.87           |
| 1.258                                                          | 28.33      | 70.39               | 0.84           | 4.75           | 0                           | 0.51              | 44.85           |
| 1.291                                                          | 28.33      | 70.27               | 0.0            | 4.71           | 0                           | 0.56              | 44.76           |
| 1.322                                                          | 28.33      | 70.26               | 0.0            | 4.66           | 0                           | 0.5               | 44.75           |
| 1.36                                                           | 28.32      | 70.4                | 0.0            | 4.59           | 0                           | 0.5               | 44.86           |
| 1.382                                                          | 28.31      | 70.39               | 0.08           | 4.61           | 0                           | 0.49              | 44.86           |
| 1.409                                                          | 28.31      | 70.38               | 0.0            | 4.65           | 0                           | 0.53              | 44.85           |
| 1.444                                                          | 28.31      | 70.39               | 0.57           | 4.7            | 0                           | 0.49              | 44.86           |
| 1.482                                                          | 28.31      | 70.39               | 0.0            | 4.72           | 0                           | 0.49              | 44.86           |
| 1.511                                                          | 28.31      | 70.38               | 1.79           | 4.72           | 0                           | 0.5               | 44.85           |
| 1.531                                                          | 28.31      | 70.34               | 0.0            | 4.72           | 0                           | 0.48              | 44.83           |
| 1.553                                                          | 28.31      | 70.38               | 0.92           | 4.7            | 0                           | 0.49              | 44.85           |
| 1.571                                                          | 28.31      | 70.4                | 0.0            | 4.68           | 0                           | 0.45              | 44.87           |
| 1.576                                                          | 28.31      | 70.42               | 0.0            | 4.66           | 0                           | 0.46              | 44.88           |
| 1.583                                                          | 28.31      | 70.46               | 1.07           | 4.64           | 0                           | 0.52              | 44.91           |
| 1.585                                                          | 28.31      | 70.39               | 0.76           | 4.64           | 0                           | 0.51              | 44.86           |
| 1.587                                                          | 28.31      | 70.36               | 1.07           | 4.62           | 0                           | 0.49              | 44.84           |
| 1.591                                                          | 28.31      | 70.32               | 1.11           | 4.58           | 0                           | 0.48              | 44.81           |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.31      | 69.96               | 0.0            | 4.42           | 0                           | 0.69              | 44.54           |
| PROF (metros)                                                                | 0.759      | 0.759               | 1.723          | 2.004          | 0                           | 0.995             | 0.759           |
| MÁXIMO                                                                       | 28.38      | 28.38               | 1.64           | 6.7            | 0                           | 2.32              | 44.93           |
| PROF (metros)                                                                | 0.94       | 2.975               | 2.394          | 4.547          | 0                           | 4.59              | 5.703           |



| 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) |

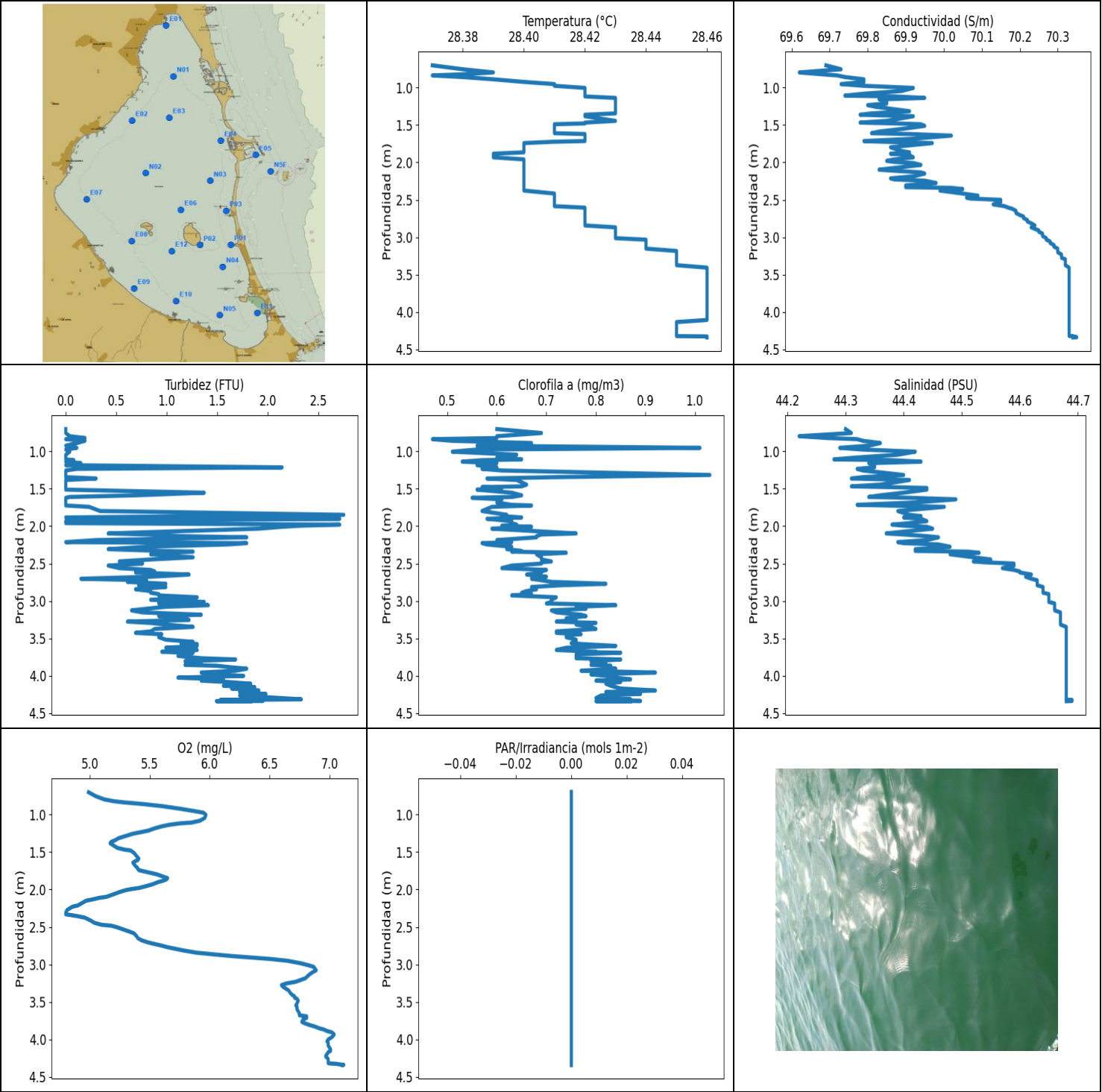
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| 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) |
| 0.759                                                          | 28.31      | 69.96               | 1.41           | 4.91           | 0                           | 0.74              | 44.54           |
| 0.799                                                          | 28.34      | 70.08               | 1.26           | 4.93           | 0                           | 0.7               | 44.61           |
| 0.835                                                          | 28.35      | 70.19               | 0.34           | 4.92           | 0                           | 0.73              | 44.68           |
| 0.873                                                          | 28.36      | 70.07               | 0.92           | 4.89           | 0                           | 0.71              | 44.58           |
| 0.906                                                          | 28.37      | 70.09               | 0.8            | 4.86           | 0                           | 0.77              | 44.59           |
| 0.94                                                           | 28.38      | 70.13               | 0.84           | 4.82           | 0                           | 0.76              | 44.61           |
| 0.959                                                          | 28.38      | 70.17               | 0.72           | 4.78           | 0                           | 0.8               | 44.64           |
| 0.973                                                          | 28.38      | 70.16               | 1.11           | 4.76           | 0                           | 0.73              | 44.63           |
| 0.995                                                          | 28.37      | 70.24               | 0.99           | 4.76           | 0                           | 0.69              | 44.69           |
| 1.02                                                           | 28.38      | 70.3                | 1.11           | 4.78           | 0                           | 0.76              | 44.73           |
| 1.058                                                          | 28.38      | 70.28               | 0.92           | 4.81           | 0                           | 0.74              | 44.72           |
| 1.107                                                          | 28.37      | 70.21               | 0.69           | 4.85           | 0                           | 0.69              | 44.67           |
| 1.144                                                          | 28.37      | 70.12               | 0.95           | 4.87           | 0                           | 0.73              | 44.61           |
| 1.145                                                          | 28.38      | 70.33               | 0.92           | 4.84           | 0                           | 0.72              | 44.75           |
| 1.165                                                          | 28.38      | 70.32               | 0.84           | 4.81           | 0                           | 0.74              | 44.74           |
| 1.209                                                          | 28.38      | 70.22               | 0.92           | 4.83           | 0                           | 0.79              | 44.67           |
| 1.262                                                          | 28.38      | 70.28               | 1.03           | 4.88           | 0                           | 0.79              | 44.71           |
| 1.311                                                          | 28.38      | 70.27               | 0.65           | 4.93           | 0                           | 0.8               | 44.7            |
| 1.32                                                           | 28.37      | 70.32               | 1.34           | 5.02           | 0                           | 0.69              | 44.75           |
| 1.347                                                          | 28.37      | 70.37               | 0.76           | 5.04           | 0                           | 0.71              | 44.79           |
| 1.401                                                          | 28.37      | 70.3                | 0.84           | 5.1            | 0                           | 0.77              | 44.74           |
| 1.465                                                          | 28.37      | 70.2                | 0.72           | 5.17           | 0                           | 0.75              | 44.66           |
| 1.483                                                          | 28.35      | 70.33               | 1.11           | 5.24           | 0                           | 0.79              | 44.78           |
| 1.494                                                          | 28.35      | 70.36               | 1.18           | 5.25           | 0                           | 0.76              | 44.81           |
| 1.534                                                          | 28.35      | 70.3                | 1.11           | 5.27           | 0                           | 0.77              | 44.76           |
| 1.586                                                          | 28.35      | 70.23               | 0.88           | 5.27           | 0                           | 0.76              | 44.71           |
| 1.626                                                          | 28.36      | 70.22               | 1.49           | 5.25           | 0                           | 0.78              | 44.7            |
| 1.655                                                          | 28.36      | 70.22               | 0.92           | 5.2            | 0                           | 0.83              | 44.69           |
| 1.677                                                          | 28.36      | 70.26               | 0.38           | 5.16           | 0                           | 0.84              | 44.72           |
| 1.686                                                          | 28.36      | 70.27               | 0.69           | 5.12           | 0                           | 0.85              | 44.73           |
| 1.694                                                          | 28.36      | 70.26               | 0.84           | 5.07           | 0                           | 0.79              | 44.72           |
| 1.723                                                          | 28.36      | 70.34               | 0.0            | 5.0            | 0                           | 0.92              | 44.77           |
| 1.768                                                          | 28.36      | 70.33               | 0.8            | 4.94           | 0                           | 0.84              | 44.77           |
| 1.817                                                          | 28.36      | 70.25               | 0.88           | 4.88           | 0                           | 0.81              | 44.71           |
| 1.848                                                          | 28.36      | 70.18               | 0.76           | 4.82           | 0                           | 0.84              | 44.66           |
| 1.851                                                          | 28.35      | 70.29               | 1.11           | 4.73           | 0                           | 0.81              | 44.75           |
| 1.857                                                          | 28.35      | 70.33               | 0.84           | 4.69           | 0                           | 0.85              | 44.79           |
| 1.886                                                          | 28.34      | 70.33               | 0.8            | 4.65           | 0                           | 0.88              | 44.79           |
| 1.935                                                          | 28.34      | 70.27               | 0.95           | 4.61           | 0                           | 0.9               | 44.74           |
| 1.988                                                          | 28.34      | 70.24               | 1.03           | 4.57           | 0                           | 0.91              | 44.72           |
| 2.002                                                          | 28.34      | 70.28               | 0.76           | 4.44           | 0                           | 0.95              | 44.75           |
| 2.004                                                          | 28.34      | 70.38               | 0.57           | 4.42           | 0                           | 0.84              | 44.83           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 2.057 | 28.34 | 70.36 | 1.11 | 4.44 | 0 | 0.87 | 44.81 |
| 2.122 | 28.34 | 70.25 | 0.99 | 4.48 | 0 | 0.85 | 44.73 |
| 2.129 | 28.31 | 70.35 | 0.92 | 4.71 | 0 | 0.86 | 44.84 |
| 2.158 | 28.31 | 70.33 | 0.8  | 4.8  | 0 | 0.9  | 44.82 |
| 2.229 | 28.32 | 70.28 | 1.14 | 4.88 | 0 | 0.93 | 44.77 |
| 2.274 | 28.31 | 70.32 | 0.95 | 4.93 | 0 | 0.98 | 44.82 |
| 2.287 | 28.31 | 70.36 | 1.18 | 4.94 | 0 | 0.95 | 44.85 |
| 2.336 | 28.31 | 70.34 | 0.95 | 4.95 | 0 | 0.9  | 44.82 |
| 2.394 | 28.32 | 70.26 | 1.64 | 4.95 | 0 | 0.97 | 44.76 |
| 2.405 | 28.32 | 70.4  | 1.41 | 4.87 | 0 | 0.91 | 44.86 |
| 2.425 | 28.33 | 70.38 | 1.07 | 4.89 | 0 | 0.99 | 44.84 |
| 2.474 | 28.33 | 70.4  | 0.84 | 4.91 | 0 | 1.05 | 44.84 |
| 2.519 | 28.34 | 70.4  | 0.84 | 4.92 | 0 | 0.91 | 44.84 |
| 2.559 | 28.34 | 70.38 | 0.99 | 4.93 | 0 | 0.92 | 44.82 |
| 2.581 | 28.34 | 70.44 | 0.95 | 4.95 | 0 | 0.91 | 44.87 |
| 2.603 | 28.34 | 70.46 | 0.92 | 4.96 | 0 | 1.03 | 44.88 |
| 2.641 | 28.34 | 70.46 | 0.95 | 4.96 | 0 | 0.98 | 44.89 |
| 2.694 | 28.34 | 70.46 | 0.72 | 4.96 | 0 | 1.08 | 44.89 |
| 2.73  | 28.33 | 70.46 | 0.84 | 4.93 | 0 | 0.96 | 44.89 |
| 2.746 | 28.33 | 70.47 | 0.84 | 4.89 | 0 | 1.04 | 44.9  |
| 2.757 | 28.33 | 70.48 | 0.72 | 4.85 | 0 | 1.14 | 44.9  |
| 2.768 | 28.33 | 70.48 | 0.88 | 4.86 | 0 | 1.0  | 44.9  |
| 2.793 | 28.33 | 70.49 | 1.07 | 4.91 | 0 | 1.02 | 44.91 |
| 2.839 | 28.33 | 70.49 | 0.84 | 5.0  | 0 | 0.97 | 44.91 |
| 2.875 | 28.34 | 70.48 | 0.92 | 5.14 | 0 | 0.99 | 44.9  |
| 2.891 | 28.34 | 70.49 | 0.69 | 5.32 | 0 | 0.96 | 44.91 |
| 2.897 | 28.34 | 70.5  | 0.84 | 5.52 | 0 | 0.92 | 44.91 |
| 2.915 | 28.34 | 70.5  | 0.53 | 5.69 | 0 | 1.01 | 44.91 |
| 2.941 | 28.34 | 70.5  | 0.95 | 5.8  | 0 | 1.02 | 44.91 |
| 2.975 | 28.34 | 70.51 | 1.14 | 5.88 | 0 | 1.05 | 44.91 |
| 3.002 | 28.34 | 70.5  | 1.07 | 5.94 | 0 | 0.98 | 44.91 |
| 3.015 | 28.34 | 70.51 | 0.69 | 5.99 | 0 | 0.9  | 44.91 |
| 3.022 | 28.34 | 70.51 | 1.22 | 6.04 | 0 | 1.01 | 44.92 |
| 3.051 | 28.34 | 70.51 | 1.11 | 6.07 | 0 | 1.0  | 44.91 |
| 3.082 | 28.34 | 70.51 | 0.92 | 6.07 | 0 | 1.07 | 44.91 |
| 3.108 | 28.34 | 70.5  | 0.76 | 6.08 | 0 | 1.07 | 44.91 |
| 3.117 | 28.34 | 70.51 | 0.76 | 6.11 | 0 | 1.1  | 44.91 |
| 3.126 | 28.34 | 70.5  | 0.84 | 6.12 | 0 | 1.16 | 44.91 |
| 3.155 | 28.34 | 70.5  | 1.07 | 6.11 | 0 | 1.15 | 44.92 |
| 3.209 | 28.34 | 70.5  | 0.95 | 6.06 | 0 | 1.11 | 44.92 |
| 3.253 | 28.34 | 70.5  | 1.11 | 6.02 | 0 | 1.12 | 44.92 |
| 3.274 | 28.34 | 70.5  | 0.84 | 6.01 | 0 | 1.05 | 44.91 |
| 3.282 | 28.34 | 70.5  | 0.69 | 6.02 | 0 | 1.15 | 44.92 |
| 3.293 | 28.33 | 70.5  | 0.69 | 6.03 | 0 | 1.24 | 44.92 |
| 3.318 | 28.33 | 70.5  | 0.72 | 6.04 | 0 | 1.21 | 44.92 |
| 3.365 | 28.33 | 70.5  | 0.72 | 6.07 | 0 | 1.09 | 44.92 |
| 3.41  | 28.33 | 70.5  | 0.8  | 6.09 | 0 | 1.01 | 44.92 |
| 3.418 | 28.33 | 70.5  | 0.72 | 6.18 | 0 | 1.08 | 44.92 |
| 3.445 | 28.33 | 70.5  | 0.76 | 6.18 | 0 | 1.25 | 44.92 |
| 3.51  | 28.33 | 70.5  | 0.92 | 6.21 | 0 | 1.15 | 44.92 |
| 3.568 | 28.33 | 70.5  | 0.92 | 6.29 | 0 | 1.1  | 44.92 |
| 3.603 | 28.33 | 70.5  | 1.11 | 6.32 | 0 | 1.18 | 44.92 |
| 3.652 | 28.33 | 70.5  | 1.34 | 6.36 | 0 | 1.21 | 44.92 |
| 3.686 | 28.33 | 70.5  | 1.34 | 6.46 | 0 | 1.24 | 44.92 |
| 3.701 | 28.33 | 70.5  | 1.18 | 6.48 | 0 | 1.3  | 44.92 |
| 3.746 | 28.33 | 70.5  | 0.95 | 6.48 | 0 | 1.33 | 44.92 |
| 3.808 | 28.33 | 70.5  | 1.26 | 6.46 | 0 | 1.31 | 44.92 |
| 3.848 | 28.33 | 70.5  | 0.76 | 6.44 | 0 | 1.24 | 44.92 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.85  | 28.33 | 70.5  | 0.84 | 6.4  | 0 | 1.3  | 44.92 |
| 3.852 | 28.33 | 70.5  | 1.34 | 6.38 | 0 | 1.27 | 44.92 |
| 3.868 | 28.33 | 70.5  | 1.34 | 6.37 | 0 | 1.31 | 44.92 |
| 3.908 | 28.33 | 70.5  | 0.95 | 6.37 | 0 | 1.27 | 44.92 |
| 3.957 | 28.33 | 70.5  | 1.03 | 6.39 | 0 | 1.27 | 44.92 |
| 4.004 | 28.33 | 70.49 | 0.95 | 6.41 | 0 | 1.3  | 44.92 |
| 4.017 | 28.33 | 70.5  | 1.11 | 6.42 | 0 | 1.22 | 44.92 |
| 4.037 | 28.33 | 70.5  | 1.03 | 6.44 | 0 | 1.27 | 44.92 |
| 4.077 | 28.33 | 70.5  | 1.03 | 6.45 | 0 | 1.29 | 44.92 |
| 4.12  | 28.33 | 70.49 | 0.99 | 6.47 | 0 | 1.29 | 44.92 |
| 4.151 | 28.32 | 70.49 | 0.84 | 6.49 | 0 | 1.4  | 44.92 |
| 4.16  | 28.32 | 70.49 | 0.72 | 6.51 | 0 | 1.31 | 44.92 |
| 4.162 | 28.32 | 70.49 | 0.65 | 6.53 | 0 | 1.25 | 44.92 |
| 4.177 | 28.32 | 70.49 | 1.37 | 6.56 | 0 | 1.24 | 44.92 |
| 4.202 | 28.32 | 70.49 | 0.99 | 6.58 | 0 | 1.33 | 44.92 |
| 4.244 | 28.32 | 70.49 | 0.92 | 6.59 | 0 | 1.35 | 44.92 |
| 4.28  | 28.32 | 70.49 | 0.92 | 6.58 | 0 | 1.25 | 44.92 |
| 4.313 | 28.32 | 70.49 | 0.76 | 6.56 | 0 | 1.27 | 44.92 |
| 4.316 | 28.32 | 70.48 | 0.76 | 6.54 | 0 | 1.31 | 44.92 |
| 4.342 | 28.32 | 70.48 | 0.99 | 6.53 | 0 | 1.27 | 44.92 |
| 4.392 | 28.32 | 70.48 | 0.69 | 6.52 | 0 | 1.28 | 44.92 |
| 4.436 | 28.32 | 70.48 | 0.95 | 6.53 | 0 | 1.32 | 44.92 |
| 4.447 | 28.32 | 70.48 | 0.88 | 6.61 | 0 | 1.32 | 44.92 |
| 4.476 | 28.32 | 70.48 | 1.14 | 6.65 | 0 | 1.34 | 44.92 |
| 4.514 | 28.32 | 70.48 | 1.11 | 6.68 | 0 | 1.3  | 44.92 |
| 4.547 | 28.32 | 70.48 | 0.99 | 6.7  | 0 | 1.33 | 44.92 |
| 4.567 | 28.32 | 70.48 | 0.76 | 6.68 | 0 | 1.34 | 44.92 |
| 4.579 | 28.32 | 70.48 | 0.69 | 6.64 | 0 | 1.55 | 44.92 |
| 4.59  | 28.31 | 70.48 | 0.57 | 6.58 | 0 | 2.32 | 44.92 |
| 4.605 | 28.31 | 70.48 | 0.92 | 6.53 | 0 | 1.49 | 44.92 |
| 4.627 | 28.31 | 70.48 | 0.8  | 6.48 | 0 | 1.32 | 44.92 |
| 4.659 | 28.31 | 70.48 | 0.76 | 6.45 | 0 | 1.34 | 44.92 |
| 4.696 | 28.31 | 70.48 | 0.76 | 6.43 | 0 | 1.28 | 44.92 |
| 4.714 | 28.31 | 70.48 | 0.84 | 6.41 | 0 | 1.24 | 44.92 |
| 4.716 | 28.31 | 70.48 | 1.11 | 6.38 | 0 | 1.3  | 44.92 |
| 4.723 | 28.31 | 70.48 | 1.11 | 6.36 | 0 | 1.29 | 44.92 |
| 4.748 | 28.31 | 70.48 | 0.99 | 6.36 | 0 | 1.27 | 44.92 |
| 4.786 | 28.31 | 70.48 | 0.99 | 6.38 | 0 | 1.41 | 44.92 |
| 4.823 | 28.31 | 70.48 | 0.92 | 6.38 | 0 | 1.41 | 44.92 |
| 4.839 | 28.31 | 70.48 | 0.88 | 6.38 | 0 | 1.42 | 44.92 |
| 4.846 | 28.31 | 70.48 | 0.92 | 6.38 | 0 | 1.37 | 44.92 |
| 4.857 | 28.31 | 70.48 | 1.18 | 6.36 | 0 | 1.3  | 44.92 |
| 4.879 | 28.31 | 70.48 | 1.03 | 6.36 | 0 | 1.34 | 44.92 |
| 4.912 | 28.31 | 70.48 | 0.88 | 6.37 | 0 | 1.29 | 44.92 |
| 4.937 | 28.31 | 70.48 | 0.69 | 6.35 | 0 | 1.35 | 44.92 |
| 4.96  | 28.31 | 70.48 | 0.95 | 6.34 | 0 | 1.36 | 44.92 |
| 4.975 | 28.31 | 70.48 | 0.72 | 6.35 | 0 | 1.38 | 44.92 |
| 4.988 | 28.31 | 70.48 | 0.84 | 6.38 | 0 | 1.96 | 44.92 |
| 5.009 | 28.31 | 70.48 | 0.84 | 6.41 | 0 | 1.46 | 44.92 |
| 5.04  | 28.31 | 70.48 | 1.11 | 6.41 | 0 | 1.33 | 44.92 |
| 5.076 | 28.31 | 70.48 | 0.92 | 6.44 | 0 | 1.31 | 44.92 |
| 5.106 | 28.31 | 70.48 | 0.69 | 6.47 | 0 | 1.35 | 44.92 |
| 5.115 | 28.31 | 70.48 | 0.92 | 6.5  | 0 | 1.41 | 44.92 |
| 5.118 | 28.31 | 70.48 | 0.88 | 6.52 | 0 | 1.35 | 44.92 |
| 5.131 | 28.31 | 70.48 | 0.8  | 6.54 | 0 | 1.43 | 44.92 |
| 5.165 | 28.31 | 70.48 | 1.14 | 6.57 | 0 | 1.37 | 44.92 |
| 5.216 | 28.31 | 70.48 | 0.92 | 6.63 | 0 | 1.33 | 44.92 |
| 5.249 | 28.32 | 70.48 | 0.84 | 6.67 | 0 | 1.34 | 44.92 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.267 | 28.32 | 70.48 | 0.72 | 6.64 | 0 | 1.35 | 44.92 |
| 5.303 | 28.32 | 70.48 | 0.95 | 6.61 | 0 | 1.4  | 44.92 |
| 5.347 | 28.32 | 70.48 | 0.92 | 6.59 | 0 | 1.31 | 44.92 |
| 5.38  | 28.32 | 70.48 | 0.69 | 6.56 | 0 | 1.28 | 44.92 |
| 5.394 | 28.32 | 70.48 | 0.76 | 6.52 | 0 | 1.34 | 44.92 |
| 5.398 | 28.32 | 70.48 | 0.53 | 6.49 | 0 | 1.33 | 44.92 |
| 5.409 | 28.32 | 70.48 | 1.26 | 6.48 | 0 | 1.4  | 44.92 |
| 5.429 | 28.32 | 70.48 | 0.88 | 6.5  | 0 | 1.43 | 44.92 |
| 5.461 | 28.32 | 70.48 | 0.88 | 6.55 | 0 | 1.35 | 44.92 |
| 5.503 | 28.32 | 70.49 | 0.76 | 6.6  | 0 | 1.53 | 44.92 |
| 5.536 | 28.32 | 70.49 | 0.92 | 6.64 | 0 | 1.46 | 44.92 |
| 5.556 | 28.32 | 70.49 | 0.84 | 6.68 | 0 | 1.38 | 44.92 |
| 5.561 | 28.32 | 70.49 | 0.69 | 6.68 | 0 | 1.38 | 44.92 |
| 5.574 | 28.32 | 70.49 | 0.92 | 6.64 | 0 | 1.57 | 44.92 |
| 5.603 | 28.32 | 70.49 | 1.26 | 6.6  | 0 | 1.4  | 44.92 |
| 5.657 | 28.32 | 70.49 | 0.92 | 6.6  | 0 | 1.56 | 44.92 |
| 5.703 | 28.32 | 70.49 | 0.72 | 6.61 | 0 | 1.46 | 44.93 |
| 5.706 | 28.32 | 70.49 | 0.84 | 6.65 | 0 | 1.4  | 44.92 |
| 5.73  | 28.32 | 70.49 | 0.92 | 6.66 | 0 | 1.63 | 44.92 |
| 5.782 | 28.32 | 70.49 | 1.22 | 6.67 | 0 | 1.53 | 44.92 |
| 5.83  | 28.32 | 70.49 | 0.95 | 6.69 | 0 | 1.44 | 44.92 |
| 5.842 | 28.32 | 70.5  | 0.8  | 6.66 | 0 | 1.3  | 44.92 |
| 5.85  | 28.32 | 70.49 | 0.84 | 6.61 | 0 | 1.41 | 44.92 |
| 5.859 | 28.32 | 70.49 | 0.95 | 6.61 | 0 | 1.37 | 44.92 |
| 5.86  | 28.32 | 70.49 | 0.84 | 6.68 | 0 | 1.41 | 44.92 |
| 5.864 | 28.32 | 70.49 | 0.76 | 6.68 | 0 | 1.24 | 44.92 |



| 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                                                                       | 28.37      | 69.62               | 0.0            | 4.8            | 0                           | 0.47              | 44.22           |
| PROF (metros)                                                                | 0.701      | 0.796               | 0.701          | 2.307          | 0                           | 0.836             | 0.796           |
| MÁXIMO                                                                       | 28.46      | 28.46               | 2.75           | 7.12           | 0                           | 1.03              | 44.69           |
| PROF (metros)                                                                | 3.407      | 4.338               | 1.848          | 4.34           | 0                           | 1.315             | 4.323           |

| 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) |

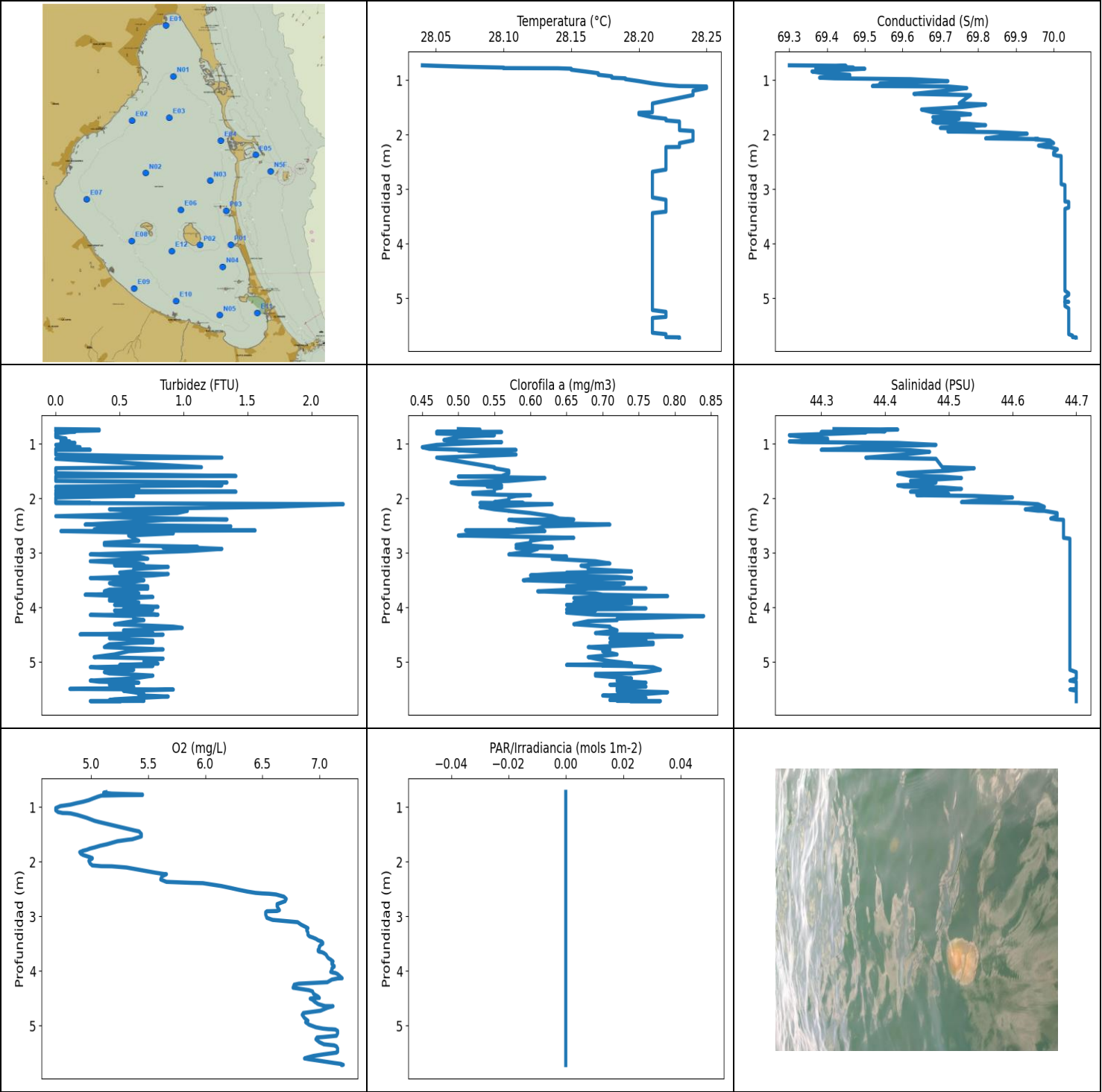
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| 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                                                          | 28.37      | 69.69               | 0.0            | 4.99           | 0                           | 0.6               | 44.3            |
| 0.754                                                          | 28.38      | 69.73               | 0.0            | 5.05           | 0                           | 0.69              | 44.31           |
| 0.796                                                          | 28.39      | 69.62               | 0.04           | 5.12           | 0                           | 0.6               | 44.22           |
| 0.821                                                          | 28.38      | 69.68               | 0.19           | 5.2            | 0                           | 0.6               | 44.27           |
| 0.836                                                          | 28.37      | 69.72               | 0.0            | 5.28           | 0                           | 0.47              | 44.32           |
| 0.858                                                          | 28.38      | 69.74               | 0.19           | 5.44           | 0                           | 0.51              | 44.33           |
| 0.888                                                          | 28.39      | 69.79               | 0.11           | 5.61           | 0                           | 0.67              | 44.36           |
| 0.923                                                          | 28.4       | 69.79               | 0.0            | 5.76           | 0                           | 0.56              | 44.34           |
| 0.952                                                          | 28.41      | 69.73               | 0.11           | 5.87           | 0                           | 1.01              | 44.29           |
| 0.975                                                          | 28.41      | 69.79               | 0.0            | 5.95           | 0                           | 0.56              | 44.33           |
| 1.003                                                          | 28.42      | 69.92               | 0.04           | 5.97           | 0                           | 0.51              | 44.42           |
| 1.044                                                          | 28.42      | 69.89               | 0.0            | 5.96           | 0                           | 0.64              | 44.39           |
| 1.081                                                          | 28.42      | 69.79               | 0.0            | 5.92           | 0                           | 0.6               | 44.32           |
| 1.106                                                          | 28.42      | 69.74               | 0.0            | 5.85           | 0                           | 0.65              | 44.28           |
| 1.117                                                          | 28.42      | 69.87               | 0.08           | 5.75           | 0                           | 0.57              | 44.38           |
| 1.137                                                          | 28.43      | 69.95               | 0.0            | 5.66           | 0                           | 0.53              | 44.43           |
| 1.157                                                          | 28.43      | 69.83               | 0.15           | 5.6            | 0                           | 0.6               | 44.34           |
| 1.184                                                          | 28.43      | 69.85               | 0.0            | 5.54           | 0                           | 0.56              | 44.35           |
| 1.213                                                          | 28.43      | 69.85               | 2.14           | 5.49           | 0                           | 0.6               | 44.35           |
| 1.233                                                          | 28.43      | 69.8                | 0.11           | 5.43           | 0                           | 0.57              | 44.32           |
| 1.255                                                          | 28.43      | 69.82               | 0.0            | 5.36           | 0                           | 0.61              | 44.33           |
| 1.315                                                          | 28.43      | 69.91               | 0.0            | 5.24           | 0                           | 1.03              | 44.4            |
| 1.344                                                          | 28.43      | 69.81               | 0.0            | 5.21           | 0                           | 0.72              | 44.33           |
| 1.362                                                          | 28.42      | 69.78               | 0.3            | 5.18           | 0                           | 0.58              | 44.31           |
| 1.382                                                          | 28.42      | 69.92               | 0.0            | 5.17           | 0                           | 0.64              | 44.41           |
| 1.444                                                          | 28.43      | 69.85               | 0.0            | 5.23           | 0                           | 0.66              | 44.36           |
| 1.467                                                          | 28.42      | 69.78               | 0.0            | 5.29           | 0                           | 0.65              | 44.31           |
| 1.478                                                          | 28.42      | 69.87               | 0.0            | 5.34           | 0                           | 0.57              | 44.38           |
| 1.489                                                          | 28.41      | 69.94               | 0.0            | 5.35           | 0                           | 0.61              | 44.44           |
| 1.511                                                          | 28.41      | 69.95               | 0.0            | 5.37           | 0                           | 0.56              | 44.44           |
| 1.552                                                          | 28.41      | 69.89               | 1.37           | 5.39           | 0                           | 0.63              | 44.4            |
| 1.587                                                          | 28.41      | 69.83               | 0.69           | 5.41           | 0                           | 0.65              | 44.36           |
| 1.609                                                          | 28.41      | 69.81               | 0.04           | 5.4            | 0                           | 0.63              | 44.34           |
| 1.62                                                           | 28.42      | 69.91               | 0.0            | 5.38           | 0                           | 0.55              | 44.41           |
| 1.641                                                          | 28.42      | 70.02               | 0.0            | 5.36           | 0                           | 0.61              | 44.49           |
| 1.683                                                          | 28.42      | 69.92               | 0.0            | 5.38           | 0                           | 0.6               | 44.42           |
| 1.714                                                          | 28.42      | 69.79               | 0.0            | 5.4            | 0                           | 0.63              | 44.32           |
| 1.723                                                          | 28.41      | 69.84               | 0.0            | 5.4            | 0                           | 0.67              | 44.37           |
| 1.741                                                          | 28.4       | 69.97               | 0.23           | 5.41           | 0                           | 0.59              | 44.47           |
| 1.797                                                          | 28.4       | 69.86               | 0.34           | 5.56           | 0                           | 0.57              | 44.39           |
| 1.848                                                          | 28.4       | 69.89               | 2.75           | 5.65           | 0                           | 0.62              | 44.41           |
| 1.865                                                          | 28.4       | 69.91               | 1.45           | 5.64           | 0                           | 0.61              | 44.43           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.883 | 28.39 | 69.86 | 0.0  | 5.61 | 0 | 0.65 | 44.4  |
| 1.901 | 28.39 | 69.91 | 2.71 | 5.57 | 0 | 0.58 | 44.43 |
| 1.932 | 28.39 | 69.92 | 0.0  | 5.52 | 0 | 0.63 | 44.44 |
| 1.959 | 28.4  | 69.87 | 0.0  | 5.46 | 0 | 0.63 | 44.41 |
| 1.979 | 28.4  | 69.85 | 2.71 | 5.41 | 0 | 0.64 | 44.38 |
| 1.993 | 28.4  | 69.87 | 2.33 | 5.35 | 0 | 0.61 | 44.4  |
| 2.008 | 28.4  | 69.92 | 2.14 | 5.3  | 0 | 0.67 | 44.44 |
| 2.033 | 28.4  | 69.94 | 1.91 | 5.25 | 0 | 0.59 | 44.45 |
| 2.097 | 28.4  | 69.83 | 0.42 | 5.14 | 0 | 0.76 | 44.37 |
| 2.111 | 28.4  | 69.87 | 0.8  | 5.08 | 0 | 0.69 | 44.4  |
| 2.133 | 28.4  | 69.94 | 1.14 | 5.02 | 0 | 0.68 | 44.44 |
| 2.149 | 28.4  | 69.95 | 1.79 | 4.97 | 0 | 0.68 | 44.46 |
| 2.186 | 28.4  | 69.92 | 0.3  | 4.93 | 0 | 0.6  | 44.44 |
| 2.213 | 28.4  | 69.86 | 0.0  | 4.9  | 0 | 0.63 | 44.39 |
| 2.227 | 28.4  | 69.87 | 1.79 | 4.86 | 0 | 0.57 | 44.4  |
| 2.244 | 28.4  | 69.95 | 1.6  | 4.84 | 0 | 0.58 | 44.46 |
| 2.275 | 28.4  | 69.98 | 0.8  | 4.81 | 0 | 0.63 | 44.48 |
| 2.307 | 28.4  | 69.9  | 0.42 | 4.8  | 0 | 0.62 | 44.42 |
| 2.331 | 28.4  | 69.9  | 0.95 | 4.8  | 0 | 0.65 | 44.42 |
| 2.34  | 28.4  | 70.02 | 1.26 | 4.84 | 0 | 0.63 | 44.51 |
| 2.356 | 28.4  | 70.05 | 0.92 | 4.9  | 0 | 0.74 | 44.53 |
| 2.376 | 28.4  | 69.99 | 0.84 | 4.96 | 0 | 0.68 | 44.48 |
| 2.416 | 28.41 | 70.05 | 1.26 | 5.01 | 0 | 0.69 | 44.52 |
| 2.445 | 28.41 | 70.09 | 0.84 | 5.04 | 0 | 0.69 | 44.55 |
| 2.471 | 28.41 | 70.06 | 0.53 | 5.1  | 0 | 0.71 | 44.52 |
| 2.483 | 28.41 | 70.07 | 0.61 | 5.18 | 0 | 0.69 | 44.54 |
| 2.5   | 28.41 | 70.15 | 0.76 | 5.22 | 0 | 0.69 | 44.59 |
| 2.527 | 28.41 | 70.15 | 0.42 | 5.27 | 0 | 0.63 | 44.59 |
| 2.561 | 28.41 | 70.13 | 0.53 | 5.33 | 0 | 0.61 | 44.57 |
| 2.585 | 28.41 | 70.16 | 0.84 | 5.37 | 0 | 0.7  | 44.59 |
| 2.605 | 28.42 | 70.17 | 0.88 | 5.38 | 0 | 0.69 | 44.6  |
| 2.619 | 28.42 | 70.18 | 0.69 | 5.39 | 0 | 0.69 | 44.6  |
| 2.647 | 28.42 | 70.19 | 1.22 | 5.4  | 0 | 0.66 | 44.62 |
| 2.676 | 28.42 | 70.19 | 0.84 | 5.43 | 0 | 0.7  | 44.61 |
| 2.703 | 28.42 | 70.2  | 0.15 | 5.48 | 0 | 0.67 | 44.62 |
| 2.723 | 28.42 | 70.21 | 0.8  | 5.53 | 0 | 0.69 | 44.63 |
| 2.745 | 28.42 | 70.21 | 0.61 | 5.59 | 0 | 0.71 | 44.63 |
| 2.77  | 28.42 | 70.22 | 0.99 | 5.65 | 0 | 0.82 | 44.63 |
| 2.79  | 28.42 | 70.22 | 0.72 | 5.71 | 0 | 0.73 | 44.63 |
| 2.813 | 28.42 | 70.23 | 0.99 | 5.78 | 0 | 0.67 | 44.64 |
| 2.843 | 28.42 | 70.24 | 0.69 | 5.89 | 0 | 0.68 | 44.64 |
| 2.868 | 28.43 | 70.23 | 0.84 | 6.05 | 0 | 0.66 | 44.64 |
| 2.89  | 28.43 | 70.24 | 0.84 | 6.2  | 0 | 0.65 | 44.64 |
| 2.908 | 28.43 | 70.25 | 0.92 | 6.35 | 0 | 0.67 | 44.65 |
| 2.926 | 28.43 | 70.25 | 0.92 | 6.5  | 0 | 0.63 | 44.65 |
| 2.951 | 28.43 | 70.26 | 1.3  | 6.65 | 0 | 0.72 | 44.65 |
| 2.984 | 28.43 | 70.26 | 0.84 | 6.76 | 0 | 0.71 | 44.65 |
| 3.013 | 28.43 | 70.27 | 1.37 | 6.83 | 0 | 0.71 | 44.65 |
| 3.033 | 28.44 | 70.27 | 0.92 | 6.87 | 0 | 0.7  | 44.66 |
| 3.057 | 28.44 | 70.28 | 1.41 | 6.88 | 0 | 0.84 | 44.66 |
| 3.078 | 28.44 | 70.28 | 0.99 | 6.89 | 0 | 0.76 | 44.66 |
| 3.104 | 28.44 | 70.29 | 0.8  | 6.86 | 0 | 0.78 | 44.66 |
| 3.126 | 28.44 | 70.29 | 0.65 | 6.84 | 0 | 0.71 | 44.66 |
| 3.153 | 28.44 | 70.3  | 0.76 | 6.82 | 0 | 0.72 | 44.67 |
| 3.184 | 28.45 | 70.3  | 1.34 | 6.8  | 0 | 0.77 | 44.67 |
| 3.202 | 28.45 | 70.3  | 0.92 | 6.77 | 0 | 0.78 | 44.67 |
| 3.231 | 28.45 | 70.31 | 1.18 | 6.72 | 0 | 0.74 | 44.67 |
| 3.254 | 28.45 | 70.31 | 1.22 | 6.64 | 0 | 0.76 | 44.67 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.276 | 28.45 | 70.31 | 0.61 | 6.6  | 0 | 0.72 | 44.67 |
| 3.294 | 28.45 | 70.32 | 0.84 | 6.61 | 0 | 0.8  | 44.67 |
| 3.316 | 28.45 | 70.32 | 0.99 | 6.63 | 0 | 0.76 | 44.67 |
| 3.347 | 28.45 | 70.32 | 1.26 | 6.66 | 0 | 0.79 | 44.68 |
| 3.374 | 28.45 | 70.32 | 0.88 | 6.67 | 0 | 0.8  | 44.68 |
| 3.407 | 28.46 | 70.33 | 0.84 | 6.69 | 0 | 0.72 | 44.68 |
| 3.427 | 28.46 | 70.33 | 0.69 | 6.71 | 0 | 0.72 | 44.68 |
| 3.445 | 28.46 | 70.33 | 0.95 | 6.71 | 0 | 0.77 | 44.68 |
| 3.458 | 28.46 | 70.33 | 0.92 | 6.73 | 0 | 0.74 | 44.68 |
| 3.485 | 28.46 | 70.33 | 0.92 | 6.74 | 0 | 0.74 | 44.68 |
| 3.518 | 28.46 | 70.33 | 0.99 | 6.73 | 0 | 0.76 | 44.68 |
| 3.547 | 28.46 | 70.33 | 1.26 | 6.72 | 0 | 0.76 | 44.68 |
| 3.565 | 28.46 | 70.33 | 1.14 | 6.73 | 0 | 0.75 | 44.68 |
| 3.576 | 28.46 | 70.33 | 1.3  | 6.73 | 0 | 0.77 | 44.68 |
| 3.601 | 28.46 | 70.33 | 1.3  | 6.73 | 0 | 0.84 | 44.68 |
| 3.626 | 28.46 | 70.33 | 0.99 | 6.74 | 0 | 0.74 | 44.68 |
| 3.656 | 28.46 | 70.33 | 1.3  | 6.75 | 0 | 0.72 | 44.68 |
| 3.679 | 28.46 | 70.33 | 0.95 | 6.75 | 0 | 0.8  | 44.68 |
| 3.686 | 28.46 | 70.33 | 1.07 | 6.78 | 0 | 0.79 | 44.68 |
| 3.692 | 28.46 | 70.33 | 1.26 | 6.81 | 0 | 0.85 | 44.68 |
| 3.714 | 28.46 | 70.33 | 1.18 | 6.81 | 0 | 0.76 | 44.68 |
| 3.735 | 28.46 | 70.33 | 1.11 | 6.78 | 0 | 0.76 | 44.68 |
| 3.766 | 28.46 | 70.33 | 1.34 | 6.77 | 0 | 0.76 | 44.68 |
| 3.783 | 28.46 | 70.33 | 1.68 | 6.79 | 0 | 0.85 | 44.68 |
| 3.806 | 28.46 | 70.33 | 1.18 | 6.83 | 0 | 0.79 | 44.68 |
| 3.83  | 28.46 | 70.33 | 1.34 | 6.88 | 0 | 0.82 | 44.68 |
| 3.855 | 28.46 | 70.33 | 1.18 | 6.92 | 0 | 0.79 | 44.68 |
| 3.866 | 28.46 | 70.33 | 1.49 | 6.95 | 0 | 0.83 | 44.68 |
| 3.888 | 28.46 | 70.33 | 1.64 | 6.98 | 0 | 0.82 | 44.68 |
| 3.906 | 28.46 | 70.33 | 1.79 | 7.02 | 0 | 0.84 | 44.68 |
| 3.933 | 28.46 | 70.33 | 1.68 | 7.04 | 0 | 0.77 | 44.68 |
| 3.958 | 28.46 | 70.33 | 1.34 | 7.03 | 0 | 0.92 | 44.68 |
| 3.982 | 28.46 | 70.33 | 1.49 | 7.01 | 0 | 0.79 | 44.68 |
| 4.002 | 28.46 | 70.33 | 1.76 | 6.99 | 0 | 0.82 | 44.68 |
| 4.026 | 28.46 | 70.33 | 1.11 | 6.98 | 0 | 0.84 | 44.68 |
| 4.049 | 28.46 | 70.33 | 1.56 | 6.99 | 0 | 0.87 | 44.68 |
| 4.066 | 28.46 | 70.33 | 1.34 | 6.99 | 0 | 0.8  | 44.68 |
| 4.084 | 28.46 | 70.33 | 1.6  | 6.99 | 0 | 0.85 | 44.68 |
| 4.107 | 28.46 | 70.33 | 1.83 | 7.0  | 0 | 0.82 | 44.68 |
| 4.135 | 28.45 | 70.33 | 1.56 | 7.01 | 0 | 0.83 | 44.68 |
| 4.153 | 28.45 | 70.33 | 1.87 | 7.01 | 0 | 0.84 | 44.68 |
| 4.171 | 28.45 | 70.33 | 1.64 | 6.99 | 0 | 0.85 | 44.68 |
| 4.198 | 28.45 | 70.33 | 1.91 | 6.98 | 0 | 0.92 | 44.68 |
| 4.218 | 28.45 | 70.33 | 1.72 | 6.97 | 0 | 0.82 | 44.68 |
| 4.233 | 28.45 | 70.33 | 1.79 | 6.97 | 0 | 0.87 | 44.68 |
| 4.243 | 28.45 | 70.33 | 1.98 | 6.98 | 0 | 0.89 | 44.68 |
| 4.265 | 28.45 | 70.33 | 1.72 | 6.99 | 0 | 0.81 | 44.68 |
| 4.3   | 28.45 | 70.33 | 2.14 | 6.99 | 0 | 0.8  | 44.68 |
| 4.316 | 28.45 | 70.33 | 2.33 | 6.99 | 0 | 0.87 | 44.68 |
| 4.321 | 28.45 | 70.33 | 1.87 | 7.0  | 0 | 0.85 | 44.68 |
| 4.323 | 28.45 | 70.34 | 1.53 | 7.02 | 0 | 0.87 | 44.69 |
| 4.327 | 28.46 | 70.34 | 1.91 | 7.06 | 0 | 0.82 | 44.69 |
| 4.338 | 28.46 | 70.35 | 1.95 | 7.1  | 0 | 0.89 | 44.69 |
| 4.34  | 28.46 | 70.34 | 1.49 | 7.12 | 0 | 0.8  | 44.68 |
| 4.341 | 28.46 | 70.34 | 1.83 | 7.11 | 0 | 0.87 | 44.68 |





| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.04      | 69.3                | 0.0            | 4.69           | 0                           | 0.45              | 44.25           |
| PROF (metros)                                                                | 0.727      | 0.727               | 0.727          | 1.017          | 0                           | 1.059             | 0.839           |
| MÁXIMO                                                                       | 28.25      | 28.25               | 2.25           | 7.21           | 0                           | 0.84              | 44.7            |
| PROF (metros)                                                                | 1.115      | 5.721               | 2.106          | 5.721          | 0                           | 4.16              | 5.189           |

| 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) |

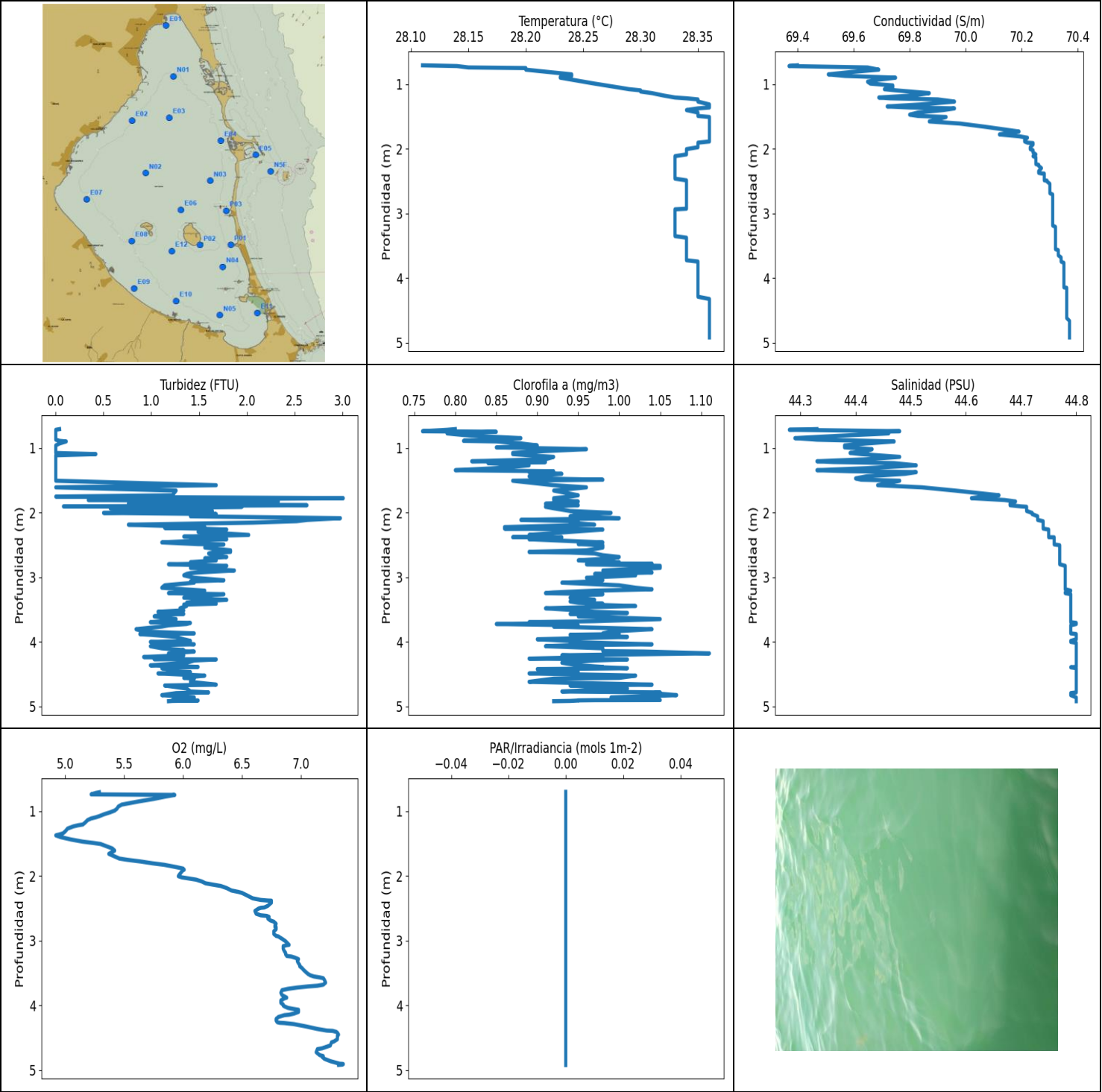
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.727                                                          | 28.04      | 69.3                | 0.0            | 5.13           | 0                           | 0.5               | 44.32           |
| 0.736                                                          | 28.05      | 69.45               | 0.34           | 5.11           | 0                           | 0.53              | 44.42           |
| 0.752                                                          | 28.07      | 69.4                | 0.34           | 5.18           | 0                           | 0.53              | 44.37           |
| 0.769                                                          | 28.1       | 69.47               | 0.0            | 5.45           | 0                           | 0.52              | 44.4            |
| 0.778                                                          | 28.1       | 69.37               | 0.15           | 5.45           | 0                           | 0.47              | 44.32           |
| 0.781                                                          | 28.14      | 69.4                | 0.11           | 5.27           | 0                           | 0.56              | 44.3            |
| 0.789                                                          | 28.15      | 69.5                | 0.08           | 5.09           | 0                           | 0.47              | 44.37           |
| 0.808                                                          | 28.15      | 69.45               | 0.0            | 5.06           | 0                           | 0.47              | 44.33           |
| 0.839                                                          | 28.16      | 69.36               | 0.0            | 5.02           | 0                           | 0.55              | 44.25           |
| 0.872                                                          | 28.17      | 69.39               | 0.0            | 4.98           | 0                           | 0.5               | 44.27           |
| 0.901                                                          | 28.17      | 69.46               | 0.08           | 4.93           | 0                           | 0.49              | 44.31           |
| 0.928                                                          | 28.18      | 69.46               | 0.04           | 4.87           | 0                           | 0.48              | 44.31           |
| 0.954                                                          | 28.18      | 69.38               | 0.11           | 4.82           | 0                           | 0.5               | 44.25           |
| 0.966                                                          | 28.19      | 69.42               | 0.04           | 4.78           | 0                           | 0.56              | 44.27           |
| 0.981                                                          | 28.19      | 69.62               | 0.15           | 4.73           | 0                           | 0.53              | 44.42           |
| 1.017                                                          | 28.2       | 69.72               | 0.0            | 4.69           | 0                           | 0.47              | 44.48           |
| 1.059                                                          | 28.21      | 69.54               | 0.19           | 4.69           | 0                           | 0.45              | 44.34           |
| 1.09                                                           | 28.22      | 69.54               | 0.0            | 4.71           | 0                           | 0.46              | 44.33           |
| 1.108                                                          | 28.23      | 69.52               | 0.27           | 4.75           | 0                           | 0.51              | 44.3            |
| 1.11                                                           | 28.24      | 69.59               | 0.0            | 4.79           | 0                           | 0.58              | 44.34           |
| 1.115                                                          | 28.25      | 69.72               | 0.0            | 4.82           | 0                           | 0.5               | 44.44           |
| 1.144                                                          | 28.25      | 69.77               | 0.0            | 4.88           | 0                           | 0.53              | 44.47           |
| 1.195                                                          | 28.24      | 69.71               | 0.0            | 4.96           | 0                           | 0.58              | 44.43           |
| 1.251                                                          | 28.24      | 69.63               | 1.3            | 5.03           | 0                           | 0.47              | 44.37           |
| 1.273                                                          | 28.24      | 69.78               | 0.0            | 5.07           | 0                           | 0.48              | 44.48           |
| 1.427                                                          | 28.21      | 69.75               | 1.14           | 5.38           | 0                           | 0.55              | 44.49           |
| 1.445                                                          | 28.21      | 69.82               | 0.0            | 5.42           | 0                           | 0.55              | 44.54           |
| 1.491                                                          | 28.21      | 69.76               | 0.0            | 5.44           | 0                           | 0.57              | 44.5            |
| 1.538                                                          | 28.21      | 69.65               | 0.0            | 5.44           | 0                           | 0.57              | 44.42           |
| 1.589                                                          | 28.21      | 69.68               | 1.41           | 5.36           | 0                           | 0.56              | 44.44           |
| 1.598                                                          | 28.2       | 69.74               | 0.0            | 5.32           | 0                           | 0.5               | 44.49           |
| 1.625                                                          | 28.2       | 69.78               | 0.0            | 5.23           | 0                           | 0.62              | 44.52           |
| 1.679                                                          | 28.21      | 69.68               | 0.0            | 5.14           | 0                           | 0.57              | 44.44           |
| 1.707                                                          | 28.22      | 69.75               | 1.34           | 5.08           | 0                           | 0.49              | 44.48           |
| 1.738                                                          | 28.22      | 69.73               | 0.76           | 5.03           | 0                           | 0.5               | 44.47           |
| 1.759                                                          | 28.23      | 69.68               | 1.3            | 4.99           | 0                           | 0.56              | 44.42           |
| 1.783                                                          | 28.23      | 69.69               | 0.0            | 4.96           | 0                           | 0.54              | 44.43           |
| 1.798                                                          | 28.23      | 69.77               | 0.0            | 4.93           | 0                           | 0.56              | 44.49           |
| 1.825                                                          | 28.23      | 69.82               | 0.65           | 4.9            | 0                           | 0.55              | 44.52           |
| 1.854                                                          | 28.23      | 69.75               | 0.0            | 4.91           | 0                           | 0.55              | 44.47           |
| 1.877                                                          | 28.23      | 69.7                | 1.41           | 4.93           | 0                           | 0.55              | 44.44           |
| 1.897                                                          | 28.23      | 69.76               | 0.0            | 4.96           | 0                           | 0.52              | 44.48           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.917 | 28.23 | 69.79 | 0.0  | 4.99 | 0 | 0.52 | 44.5  |
| 1.934 | 28.24 | 69.73 | 0.0  | 5.01 | 0 | 0.56 | 44.45 |
| 1.941 | 28.24 | 69.72 | 0.0  | 5.01 | 0 | 0.6  | 44.45 |
| 1.954 | 28.24 | 69.85 | 0.61 | 5.0  | 0 | 0.58 | 44.54 |
| 1.983 | 28.24 | 69.93 | 0.0  | 4.98 | 0 | 0.57 | 44.6  |
| 2.03  | 28.24 | 69.86 | 0.0  | 4.99 | 0 | 0.57 | 44.55 |
| 2.068 | 28.24 | 69.82 | 0.0  | 5.01 | 0 | 0.55 | 44.52 |
| 2.082 | 28.24 | 69.96 | 0.27 | 5.09 | 0 | 0.59 | 44.61 |
| 2.084 | 28.24 | 69.95 | 0.0  | 5.18 | 0 | 0.53 | 44.61 |
| 2.106 | 28.24 | 69.99 | 2.25 | 5.31 | 0 | 0.63 | 44.64 |
| 2.155 | 28.23 | 70.0  | 1.68 | 5.44 | 0 | 0.53 | 44.65 |
| 2.2   | 28.23 | 69.96 | 0.42 | 5.56 | 0 | 0.55 | 44.62 |
| 2.226 | 28.23 | 69.98 | 0.57 | 5.64 | 0 | 0.57 | 44.64 |
| 2.228 | 28.22 | 69.99 | 1.03 | 5.66 | 0 | 0.57 | 44.65 |
| 2.269 | 28.22 | 70.01 | 0.95 | 5.62 | 0 | 0.6  | 44.67 |
| 2.326 | 28.22 | 70.0  | 0.0  | 5.61 | 0 | 0.63 | 44.67 |
| 2.369 | 28.22 | 70.0  | 0.92 | 5.66 | 0 | 0.64 | 44.66 |
| 2.387 | 28.22 | 70.01 | 1.34 | 5.88 | 0 | 0.66 | 44.67 |
| 2.393 | 28.22 | 70.02 | 0.88 | 5.98 | 0 | 0.57 | 44.68 |
| 2.445 | 28.22 | 70.02 | 0.5  | 6.14 | 0 | 0.6  | 44.68 |
| 2.48  | 28.22 | 70.02 | 0.23 | 6.22 | 0 | 0.71 | 44.68 |
| 2.513 | 28.22 | 70.02 | 1.37 | 6.29 | 0 | 0.62 | 44.68 |
| 2.547 | 28.22 | 70.02 | 0.34 | 6.37 | 0 | 0.61 | 44.68 |
| 2.571 | 28.22 | 70.02 | 0.3  | 6.44 | 0 | 0.58 | 44.68 |
| 2.581 | 28.22 | 70.02 | 1.11 | 6.5  | 0 | 0.6  | 44.68 |
| 2.587 | 28.22 | 70.02 | 1.56 | 6.56 | 0 | 0.51 | 44.68 |
| 2.6   | 28.22 | 70.02 | 0.04 | 6.62 | 0 | 0.62 | 44.68 |
| 2.641 | 28.22 | 70.02 | 0.92 | 6.69 | 0 | 0.53 | 44.68 |
| 2.681 | 28.21 | 70.02 | 0.57 | 6.71 | 0 | 0.5  | 44.68 |
| 2.723 | 28.21 | 70.02 | 0.61 | 6.7  | 0 | 0.66 | 44.68 |
| 2.739 | 28.21 | 70.02 | 0.61 | 6.68 | 0 | 0.62 | 44.69 |
| 2.777 | 28.21 | 70.02 | 0.65 | 6.63 | 0 | 0.6  | 44.69 |
| 2.816 | 28.21 | 70.02 | 0.38 | 6.63 | 0 | 0.6  | 44.69 |
| 2.854 | 28.21 | 70.02 | 0.38 | 6.64 | 0 | 0.58 | 44.69 |
| 2.888 | 28.21 | 70.02 | 1.11 | 6.65 | 0 | 0.63 | 44.69 |
| 2.903 | 28.21 | 70.02 | 0.84 | 6.63 | 0 | 0.61 | 44.69 |
| 2.906 | 28.21 | 70.02 | 0.88 | 6.58 | 0 | 0.63 | 44.69 |
| 2.908 | 28.21 | 70.02 | 1.11 | 6.54 | 0 | 0.58 | 44.69 |
| 2.926 | 28.21 | 70.03 | 1.3  | 6.53 | 0 | 0.61 | 44.69 |
| 2.968 | 28.21 | 70.03 | 1.03 | 6.53 | 0 | 0.6  | 44.69 |
| 3.028 | 28.21 | 70.03 | 0.27 | 6.54 | 0 | 0.57 | 44.69 |
| 3.066 | 28.21 | 70.03 | 0.65 | 6.59 | 0 | 0.65 | 44.69 |
| 3.108 | 28.21 | 70.03 | 0.72 | 6.81 | 0 | 0.63 | 44.69 |
| 3.153 | 28.21 | 70.03 | 0.27 | 6.84 | 0 | 0.69 | 44.69 |
| 3.195 | 28.22 | 70.03 | 0.65 | 6.88 | 0 | 0.71 | 44.69 |
| 3.218 | 28.22 | 70.03 | 0.69 | 6.9  | 0 | 0.68 | 44.69 |
| 3.227 | 28.22 | 70.03 | 0.46 | 6.89 | 0 | 0.68 | 44.69 |
| 3.235 | 28.22 | 70.04 | 0.57 | 6.89 | 0 | 0.67 | 44.69 |
| 3.258 | 28.22 | 70.04 | 0.88 | 6.89 | 0 | 0.68 | 44.69 |
| 3.298 | 28.22 | 70.04 | 0.61 | 6.9  | 0 | 0.68 | 44.69 |
| 3.338 | 28.22 | 70.04 | 0.61 | 6.9  | 0 | 0.74 | 44.69 |
| 3.362 | 28.22 | 70.03 | 0.5  | 6.91 | 0 | 0.65 | 44.69 |
| 3.373 | 28.22 | 70.03 | 0.61 | 6.92 | 0 | 0.66 | 44.69 |
| 3.387 | 28.22 | 70.03 | 0.88 | 6.94 | 0 | 0.63 | 44.69 |
| 3.413 | 28.22 | 70.03 | 0.76 | 6.97 | 0 | 0.6  | 44.69 |
| 3.44  | 28.21 | 70.03 | 0.53 | 6.99 | 0 | 0.72 | 44.69 |
| 3.462 | 28.21 | 70.03 | 0.27 | 7.02 | 0 | 0.74 | 44.69 |
| 3.483 | 28.21 | 70.03 | 0.53 | 7.03 | 0 | 0.6  | 44.69 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.502 | 28.21 | 70.03 | 0.69 | 7.03 | 0 | 0.59 | 44.69 |
| 3.529 | 28.21 | 70.03 | 0.61 | 7.01 | 0 | 0.66 | 44.69 |
| 3.556 | 28.21 | 70.03 | 0.42 | 7.0  | 0 | 0.73 | 44.69 |
| 3.583 | 28.21 | 70.03 | 0.46 | 7.0  | 0 | 0.72 | 44.69 |
| 3.614 | 28.21 | 70.03 | 0.72 | 6.99 | 0 | 0.65 | 44.69 |
| 3.638 | 28.21 | 70.03 | 0.53 | 6.99 | 0 | 0.66 | 44.69 |
| 3.65  | 28.21 | 70.03 | 0.57 | 7.0  | 0 | 0.76 | 44.69 |
| 3.656 | 28.21 | 70.03 | 0.72 | 7.02 | 0 | 0.68 | 44.69 |
| 3.674 | 28.21 | 70.03 | 0.42 | 7.04 | 0 | 0.66 | 44.69 |
| 3.705 | 28.21 | 70.03 | 0.38 | 7.06 | 0 | 0.61 | 44.69 |
| 3.743 | 28.21 | 70.03 | 0.65 | 7.07 | 0 | 0.69 | 44.69 |
| 3.768 | 28.21 | 70.03 | 0.23 | 7.08 | 0 | 0.7  | 44.69 |
| 3.794 | 28.21 | 70.03 | 0.53 | 7.1  | 0 | 0.79 | 44.69 |
| 3.81  | 28.21 | 70.03 | 0.76 | 7.11 | 0 | 0.69 | 44.69 |
| 3.828 | 28.21 | 70.03 | 0.61 | 7.12 | 0 | 0.66 | 44.69 |
| 3.85  | 28.21 | 70.03 | 0.42 | 7.11 | 0 | 0.72 | 44.69 |
| 3.875 | 28.21 | 70.03 | 0.42 | 7.11 | 0 | 0.74 | 44.69 |
| 3.895 | 28.21 | 70.03 | 0.61 | 7.12 | 0 | 0.72 | 44.69 |
| 3.91  | 28.21 | 70.03 | 0.65 | 7.13 | 0 | 0.66 | 44.69 |
| 3.924 | 28.21 | 70.03 | 0.61 | 7.13 | 0 | 0.74 | 44.69 |
| 3.955 | 28.21 | 70.03 | 0.46 | 7.11 | 0 | 0.65 | 44.69 |
| 3.99  | 28.21 | 70.03 | 0.8  | 7.11 | 0 | 0.68 | 44.69 |
| 4.019 | 28.21 | 70.03 | 0.61 | 7.1  | 0 | 0.76 | 44.69 |
| 4.033 | 28.21 | 70.03 | 0.53 | 7.12 | 0 | 0.72 | 44.69 |
| 4.039 | 28.21 | 70.03 | 0.76 | 7.14 | 0 | 0.65 | 44.69 |
| 4.059 | 28.21 | 70.03 | 0.46 | 7.16 | 0 | 0.69 | 44.69 |
| 4.097 | 28.21 | 70.03 | 0.69 | 7.18 | 0 | 0.65 | 44.69 |
| 4.135 | 28.21 | 70.03 | 0.8  | 7.2  | 0 | 0.69 | 44.69 |
| 4.139 | 28.21 | 70.03 | 0.27 | 7.16 | 0 | 0.72 | 44.69 |
| 4.16  | 28.21 | 70.03 | 0.61 | 7.11 | 0 | 0.84 | 44.69 |
| 4.208 | 28.21 | 70.03 | 0.61 | 7.07 | 0 | 0.72 | 44.69 |
| 4.235 | 28.21 | 70.03 | 0.69 | 6.82 | 0 | 0.72 | 44.69 |
| 4.253 | 28.21 | 70.03 | 0.61 | 6.78 | 0 | 0.68 | 44.69 |
| 4.309 | 28.21 | 70.03 | 0.46 | 6.77 | 0 | 0.66 | 44.69 |
| 4.354 | 28.21 | 70.03 | 0.92 | 6.91 | 0 | 0.71 | 44.69 |
| 4.376 | 28.21 | 70.03 | 0.99 | 6.94 | 0 | 0.71 | 44.69 |
| 4.423 | 28.21 | 70.03 | 0.53 | 6.95 | 0 | 0.72 | 44.69 |
| 4.472 | 28.21 | 70.03 | 0.76 | 6.99 | 0 | 0.69 | 44.69 |
| 4.496 | 28.21 | 70.03 | 0.19 | 7.0  | 0 | 0.72 | 44.69 |
| 4.5   | 28.21 | 70.03 | 0.84 | 6.95 | 0 | 0.77 | 44.69 |
| 4.509 | 28.21 | 70.03 | 0.57 | 6.92 | 0 | 0.72 | 44.69 |
| 4.529 | 28.21 | 70.03 | 0.57 | 6.94 | 0 | 0.81 | 44.69 |
| 4.567 | 28.21 | 70.03 | 0.42 | 6.96 | 0 | 0.71 | 44.69 |
| 4.608 | 28.21 | 70.03 | 0.76 | 6.99 | 0 | 0.76 | 44.69 |
| 4.645 | 28.21 | 70.03 | 0.76 | 7.05 | 0 | 0.71 | 44.69 |
| 4.647 | 28.21 | 70.03 | 0.65 | 7.12 | 0 | 0.77 | 44.69 |
| 4.677 | 28.21 | 70.03 | 0.42 | 7.07 | 0 | 0.77 | 44.69 |
| 4.73  | 28.21 | 70.03 | 0.38 | 7.01 | 0 | 0.68 | 44.69 |
| 4.772 | 28.21 | 70.03 | 0.84 | 6.86 | 0 | 0.71 | 44.69 |
| 4.805 | 28.21 | 70.03 | 0.57 | 6.85 | 0 | 0.7  | 44.69 |
| 4.864 | 28.21 | 70.03 | 0.46 | 6.87 | 0 | 0.72 | 44.69 |
| 4.913 | 28.21 | 70.04 | 0.3  | 6.9  | 0 | 0.68 | 44.69 |
| 4.941 | 28.21 | 70.04 | 0.84 | 6.88 | 0 | 0.69 | 44.69 |
| 4.986 | 28.21 | 70.03 | 0.69 | 6.91 | 0 | 0.71 | 44.69 |
| 5.033 | 28.21 | 70.03 | 0.8  | 6.97 | 0 | 0.74 | 44.69 |
| 5.057 | 28.21 | 70.03 | 0.5  | 7.03 | 0 | 0.65 | 44.69 |
| 5.068 | 28.21 | 70.03 | 0.69 | 7.08 | 0 | 0.73 | 44.69 |
| 5.07  | 28.21 | 70.04 | 0.61 | 7.11 | 0 | 0.7  | 44.69 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 5.075 | 28.21 | 70.03 | 0.76 | 7.14 | 0 | 0.73 | 44.69 |
| 5.099 | 28.21 | 70.03 | 0.27 | 7.16 | 0 | 0.77 | 44.69 |
| 5.146 | 28.21 | 70.03 | 0.61 | 7.16 | 0 | 0.78 | 44.69 |
| 5.189 | 28.21 | 70.04 | 0.38 | 7.15 | 0 | 0.76 | 44.7  |
| 5.213 | 28.21 | 70.04 | 0.42 | 7.03 | 0 | 0.74 | 44.7  |
| 5.22  | 28.21 | 70.04 | 0.5  | 6.98 | 0 | 0.69 | 44.7  |
| 5.253 | 28.22 | 70.04 | 0.76 | 6.97 | 0 | 0.69 | 44.7  |
| 5.305 | 28.22 | 70.04 | 0.61 | 7.0  | 0 | 0.74 | 44.7  |
| 5.345 | 28.22 | 70.04 | 0.27 | 7.04 | 0 | 0.72 | 44.69 |
| 5.365 | 28.21 | 70.04 | 0.34 | 7.13 | 0 | 0.74 | 44.7  |
| 5.383 | 28.21 | 70.04 | 0.65 | 7.15 | 0 | 0.76 | 44.7  |
| 5.42  | 28.21 | 70.04 | 0.42 | 7.16 | 0 | 0.71 | 44.7  |
| 5.456 | 28.21 | 70.04 | 0.61 | 7.16 | 0 | 0.76 | 44.7  |
| 5.483 | 28.21 | 70.04 | 0.57 | 7.16 | 0 | 0.72 | 44.7  |
| 5.498 | 28.21 | 70.04 | 0.11 | 7.15 | 0 | 0.72 | 44.7  |
| 5.509 | 28.21 | 70.04 | 0.92 | 7.11 | 0 | 0.73 | 44.69 |
| 5.532 | 28.21 | 70.04 | 0.53 | 7.03 | 0 | 0.72 | 44.7  |
| 5.558 | 28.21 | 70.04 | 0.61 | 6.95 | 0 | 0.79 | 44.7  |
| 5.59  | 28.21 | 70.04 | 0.69 | 6.89 | 0 | 0.76 | 44.7  |
| 5.605 | 28.21 | 70.04 | 0.69 | 6.87 | 0 | 0.72 | 44.7  |
| 5.607 | 28.21 | 70.04 | 0.65 | 6.88 | 0 | 0.73 | 44.7  |
| 5.619 | 28.21 | 70.04 | 0.69 | 6.91 | 0 | 0.7  | 44.7  |
| 5.637 | 28.21 | 70.04 | 0.88 | 6.97 | 0 | 0.72 | 44.7  |
| 5.663 | 28.22 | 70.04 | 0.65 | 7.05 | 0 | 0.76 | 44.7  |
| 5.688 | 28.22 | 70.05 | 0.46 | 7.13 | 0 | 0.74 | 44.7  |
| 5.701 | 28.22 | 70.05 | 0.42 | 7.18 | 0 | 0.71 | 44.7  |
| 5.705 | 28.22 | 70.05 | 0.53 | 7.19 | 0 | 0.73 | 44.7  |
| 5.712 | 28.22 | 70.05 | 0.61 | 7.19 | 0 | 0.72 | 44.7  |
| 5.717 | 28.22 | 70.05 | 0.69 | 7.2  | 0 | 0.72 | 44.7  |
| 5.721 | 28.23 | 70.06 | 0.27 | 7.21 | 0 | 0.78 | 44.7  |
| 5.723 | 28.23 | 70.06 | 0.5  | 7.2  | 0 | 0.74 | 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                                                                       | 28.11      | 69.37               | 0.0            | 4.92           | 0                           | 0.76              | 44.28           |
| PROF (metros)                                                                | 0.709      | 0.72                | 0.72           | 1.375          | 0                           | 0.742             | 0.72            |
| MÁXIMO                                                                       | 28.36      | 28.36               | 3.01           | 7.36           | 0                           | 1.11              | 44.8            |
| PROF (metros)                                                                | 1.314      | 4.662               | 1.778          | 4.905          | 0                           | 4.178             | 3.707           |

| 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) |

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

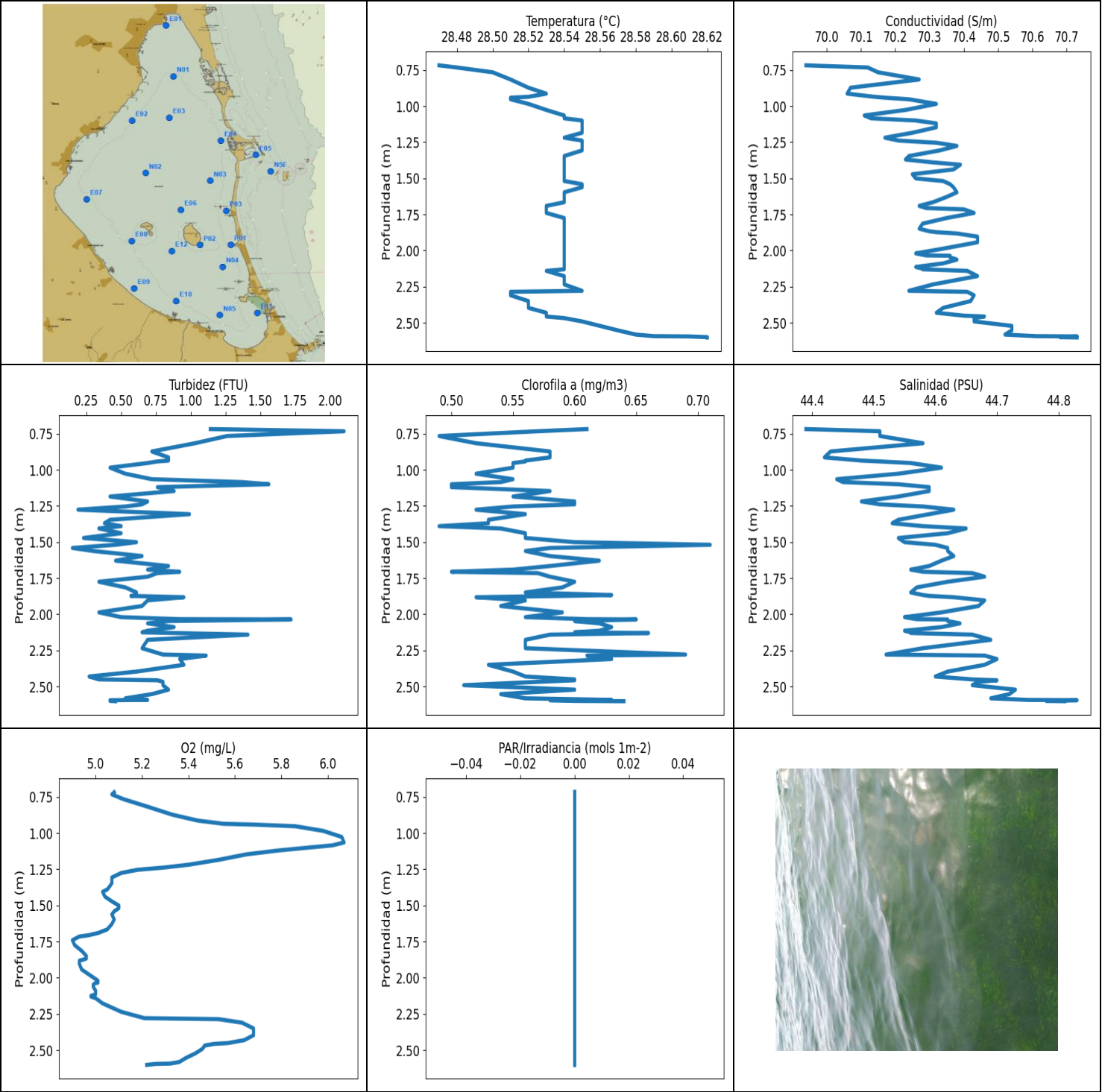
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.709                                                          | 28.11      | 69.4                | 0.04           | 5.29           | 0                           | 0.8               | 44.33           |
| 0.72                                                           | 28.14      | 69.37               | 0.0            | 5.26           | 0                           | 0.79              | 44.28           |
| 0.742                                                          | 28.15      | 69.65               | 0.0            | 5.22           | 0                           | 0.76              | 44.48           |
| 0.751                                                          | 28.2       | 69.66               | 0.0            | 5.93           | 0                           | 0.85              | 44.44           |
| 0.776                                                          | 28.2       | 69.69               | 0.0            | 5.85           | 0                           | 0.79              | 44.46           |
| 0.813                                                          | 28.22      | 69.59               | 0.0            | 5.75           | 0                           | 0.82              | 44.37           |
| 0.849                                                          | 28.24      | 69.51               | 0.0            | 5.63           | 0                           | 0.88              | 44.29           |
| 0.873                                                          | 28.24      | 69.57               | 0.0            | 5.56           | 0                           | 0.85              | 44.33           |
| 0.891                                                          | 28.23      | 69.69               | 0.04           | 5.51           | 0                           | 0.81              | 44.42           |
| 0.9                                                            | 28.23      | 69.75               | 0.11           | 5.48           | 0                           | 0.85              | 44.47           |
| 0.931                                                          | 28.24      | 69.69               | 0.04           | 5.45           | 0                           | 0.88              | 44.42           |
| 0.962                                                          | 28.25      | 69.65               | 0.0            | 5.44           | 0                           | 0.9               | 44.38           |
| 0.992                                                          | 28.26      | 69.66               | 0.0            | 5.42           | 0                           | 0.85              | 44.38           |
| 1.02                                                           | 28.27      | 69.74               | 0.0            | 5.38           | 0                           | 0.96              | 44.43           |
| 1.049                                                          | 28.28      | 69.74               | 0.0            | 5.33           | 0                           | 0.91              | 44.42           |
| 1.078                                                          | 28.29      | 69.71               | 0.0            | 5.29           | 0                           | 0.87              | 44.39           |
| 1.096                                                          | 28.3       | 69.75               | 0.42           | 5.26           | 0                           | 0.87              | 44.41           |
| 1.114                                                          | 28.3       | 69.8                | 0.0            | 5.22           | 0                           | 0.89              | 44.44           |
| 1.139                                                          | 28.31      | 69.87               | 0.0            | 5.19           | 0                           | 0.92              | 44.48           |
| 1.176                                                          | 28.32      | 69.81               | 0.0            | 5.17           | 0                           | 0.91              | 44.42           |
| 1.207                                                          | 28.33      | 69.69               | 0.0            | 5.15           | 0                           | 0.82              | 44.33           |
| 1.219                                                          | 28.34      | 69.73               | 0.0            | 5.11           | 0                           | 0.91              | 44.36           |
| 1.236                                                          | 28.35      | 69.9                | 0.0            | 5.07           | 0                           | 0.84              | 44.47           |
| 1.27                                                           | 28.35      | 69.96               | 0.0            | 5.02           | 0                           | 0.89              | 44.51           |
| 1.314                                                          | 28.36      | 69.84               | 0.0            | 5.0            | 0                           | 0.85              | 44.42           |
| 1.345                                                          | 28.36      | 69.72               | 0.0            | 4.98           | 0                           | 0.8               | 44.33           |
| 1.361                                                          | 28.36      | 69.8                | 0.0            | 4.95           | 0                           | 0.92              | 44.39           |
| 1.375                                                          | 28.35      | 69.96               | 0.0            | 4.92           | 0                           | 0.89              | 44.51           |
| 1.401                                                          | 28.34      | 69.92               | 0.0            | 4.96           | 0                           | 0.93              | 44.49           |
| 1.439                                                          | 28.35      | 69.83               | 0.0            | 5.05           | 0                           | 0.89              | 44.42           |
| 1.472                                                          | 28.35      | 69.8                | 0.0            | 5.15           | 0                           | 0.9               | 44.4            |
| 1.492                                                          | 28.35      | 69.83               | 0.0            | 5.24           | 0                           | 0.98              | 44.41           |
| 1.508                                                          | 28.36      | 69.93               | 0.0            | 5.3            | 0                           | 0.87              | 44.48           |
| 1.577                                                          | 28.36      | 69.87               | 1.68           | 5.4            | 0                           | 0.92              | 44.44           |
| 1.61                                                           | 28.36      | 69.98               | 0.0            | 5.42           | 0                           | 0.96              | 44.52           |
| 1.66                                                           | 28.36      | 70.07               | 1.26           | 5.37           | 0                           | 0.92              | 44.58           |
| 1.733                                                          | 28.36      | 70.19               | 1.22           | 5.46           | 0                           | 0.95              | 44.66           |
| 1.753                                                          | 28.36      | 70.15               | 0.0            | 5.53           | 0                           | 0.94              | 44.63           |
| 1.778                                                          | 28.36      | 70.12               | 3.01           | 5.64           | 0                           | 0.92              | 44.61           |
| 1.806                                                          | 28.36      | 70.19               | 0.34           | 5.74           | 0                           | 0.92              | 44.67           |
| 1.829                                                          | 28.36      | 70.22               | 2.33           | 5.84           | 0                           | 0.95              | 44.69           |
| 1.864                                                          | 28.36      | 70.21               | 0.76           | 5.94           | 0                           | 0.91              | 44.68           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.887 | 28.36 | 70.21 | 2.63 | 6.0  | 0 | 0.95 | 44.68 |
| 1.905 | 28.35 | 70.22 | 0.08 | 6.01 | 0 | 0.91 | 44.7  |
| 1.911 | 28.35 | 70.24 | 1.95 | 6.0  | 0 | 0.91 | 44.71 |
| 1.934 | 28.35 | 70.24 | 0.57 | 5.99 | 0 | 0.92 | 44.71 |
| 1.976 | 28.35 | 70.23 | 1.64 | 5.97 | 0 | 0.94 | 44.71 |
| 2.005 | 28.34 | 70.23 | 0.5  | 5.96 | 0 | 0.99 | 44.72 |
| 2.023 | 28.34 | 70.24 | 1.68 | 5.99 | 0 | 0.95 | 44.72 |
| 2.058 | 28.34 | 70.24 | 1.41 | 6.11 | 0 | 0.94 | 44.73 |
| 2.087 | 28.34 | 70.25 | 2.98 | 6.16 | 0 | 1.0  | 44.73 |
| 2.114 | 28.33 | 70.24 | 2.63 | 6.19 | 0 | 0.88 | 44.73 |
| 2.134 | 28.33 | 70.25 | 2.52 | 6.25 | 0 | 0.95 | 44.74 |
| 2.156 | 28.33 | 70.25 | 2.06 | 6.32 | 0 | 0.94 | 44.74 |
| 2.188 | 28.33 | 70.25 | 0.76 | 6.37 | 0 | 0.97 | 44.74 |
| 2.225 | 28.33 | 70.25 | 1.56 | 6.41 | 0 | 0.86 | 44.74 |
| 2.237 | 28.33 | 70.25 | 1.14 | 6.44 | 0 | 0.92 | 44.74 |
| 2.248 | 28.33 | 70.26 | 1.49 | 6.47 | 0 | 0.86 | 44.74 |
| 2.263 | 28.33 | 70.26 | 1.79 | 6.5  | 0 | 0.98 | 44.75 |
| 2.299 | 28.33 | 70.27 | 1.49 | 6.54 | 0 | 0.94 | 44.75 |
| 2.346 | 28.33 | 70.26 | 2.02 | 6.59 | 0 | 0.89 | 44.75 |
| 2.372 | 28.33 | 70.26 | 1.34 | 6.66 | 0 | 0.91 | 44.75 |
| 2.381 | 28.33 | 70.27 | 1.56 | 6.72 | 0 | 0.87 | 44.75 |
| 2.383 | 28.33 | 70.28 | 1.41 | 6.75 | 0 | 0.93 | 44.76 |
| 2.413 | 28.33 | 70.28 | 1.79 | 6.75 | 0 | 0.89 | 44.76 |
| 2.462 | 28.33 | 70.28 | 1.11 | 6.72 | 0 | 0.98 | 44.76 |
| 2.488 | 28.34 | 70.28 | 1.49 | 6.69 | 0 | 0.95 | 44.76 |
| 2.493 | 28.34 | 70.29 | 1.76 | 6.66 | 0 | 0.96 | 44.76 |
| 2.506 | 28.34 | 70.29 | 1.6  | 6.64 | 0 | 0.98 | 44.77 |
| 2.542 | 28.34 | 70.3  | 1.56 | 6.61 | 0 | 0.98 | 44.77 |
| 2.584 | 28.34 | 70.3  | 1.83 | 6.62 | 0 | 0.96 | 44.77 |
| 2.609 | 28.34 | 70.3  | 1.83 | 6.66 | 0 | 0.89 | 44.77 |
| 2.618 | 28.34 | 70.3  | 1.64 | 6.71 | 0 | 0.94 | 44.77 |
| 2.633 | 28.34 | 70.3  | 1.6  | 6.73 | 0 | 0.97 | 44.77 |
| 2.66  | 28.34 | 70.3  | 1.68 | 6.72 | 0 | 0.98 | 44.77 |
| 2.687 | 28.34 | 70.3  | 1.79 | 6.74 | 0 | 1.0  | 44.77 |
| 2.707 | 28.34 | 70.31 | 1.56 | 6.77 | 0 | 0.99 | 44.77 |
| 2.74  | 28.34 | 70.31 | 1.68 | 6.79 | 0 | 0.95 | 44.77 |
| 2.767 | 28.34 | 70.31 | 1.41 | 6.78 | 0 | 1.0  | 44.77 |
| 2.789 | 28.34 | 70.31 | 1.56 | 6.78 | 0 | 0.97 | 44.77 |
| 2.791 | 28.34 | 70.31 | 1.56 | 6.79 | 0 | 1.04 | 44.77 |
| 2.8   | 28.34 | 70.31 | 1.18 | 6.79 | 0 | 0.96 | 44.77 |
| 2.824 | 28.34 | 70.31 | 1.79 | 6.79 | 0 | 1.05 | 44.78 |
| 2.856 | 28.34 | 70.31 | 1.41 | 6.77 | 0 | 1.05 | 44.78 |
| 2.896 | 28.34 | 70.31 | 1.87 | 6.77 | 0 | 0.98 | 44.78 |
| 2.927 | 28.34 | 70.31 | 1.49 | 6.79 | 0 | 1.04 | 44.78 |
| 2.936 | 28.33 | 70.31 | 1.41 | 6.81 | 0 | 1.01 | 44.78 |
| 2.949 | 28.33 | 70.31 | 1.37 | 6.82 | 0 | 0.97 | 44.78 |
| 2.971 | 28.33 | 70.31 | 1.34 | 6.84 | 0 | 1.02 | 44.78 |
| 3.009 | 28.33 | 70.31 | 1.45 | 6.87 | 0 | 0.96 | 44.78 |
| 3.047 | 28.33 | 70.31 | 1.76 | 6.89 | 0 | 0.98 | 44.78 |
| 3.065 | 28.33 | 70.31 | 1.41 | 6.9  | 0 | 0.97 | 44.78 |
| 3.07  | 28.33 | 70.31 | 1.45 | 6.88 | 0 | 0.96 | 44.78 |
| 3.085 | 28.33 | 70.31 | 1.45 | 6.85 | 0 | 0.93 | 44.78 |
| 3.125 | 28.33 | 70.31 | 1.14 | 6.85 | 0 | 1.0  | 44.78 |
| 3.163 | 28.33 | 70.31 | 1.11 | 6.86 | 0 | 1.02 | 44.78 |
| 3.187 | 28.33 | 70.31 | 1.34 | 6.87 | 0 | 1.04 | 44.78 |
| 3.208 | 28.33 | 70.32 | 1.56 | 6.87 | 0 | 0.97 | 44.79 |
| 3.236 | 28.33 | 70.32 | 1.3  | 6.88 | 0 | 0.92 | 44.78 |
| 3.246 | 28.33 | 70.32 | 1.18 | 6.92 | 0 | 0.91 | 44.78 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.263 | 28.33 | 70.32 | 1.76 | 6.95 | 0 | 0.98 | 44.79 |
| 3.286 | 28.33 | 70.32 | 1.49 | 6.98 | 0 | 0.95 | 44.79 |
| 3.317 | 28.33 | 70.32 | 1.34 | 6.97 | 0 | 0.94 | 44.79 |
| 3.35  | 28.33 | 70.32 | 1.79 | 6.98 | 0 | 0.97 | 44.79 |
| 3.375 | 28.34 | 70.32 | 1.49 | 6.99 | 0 | 0.94 | 44.79 |
| 3.395 | 28.34 | 70.32 | 1.37 | 6.99 | 0 | 0.95 | 44.79 |
| 3.41  | 28.34 | 70.32 | 1.68 | 7.0  | 0 | 0.98 | 44.79 |
| 3.423 | 28.34 | 70.32 | 1.34 | 7.01 | 0 | 0.96 | 44.79 |
| 3.446 | 28.34 | 70.32 | 1.37 | 7.02 | 0 | 1.02 | 44.79 |
| 3.481 | 28.34 | 70.32 | 1.3  | 7.04 | 0 | 0.91 | 44.79 |
| 3.513 | 28.34 | 70.32 | 1.34 | 7.06 | 0 | 0.95 | 44.79 |
| 3.535 | 28.34 | 70.32 | 1.07 | 7.08 | 0 | 0.97 | 44.79 |
| 3.553 | 28.34 | 70.32 | 1.18 | 7.11 | 0 | 1.01 | 44.79 |
| 3.568 | 28.34 | 70.33 | 1.34 | 7.16 | 0 | 0.94 | 44.79 |
| 3.58  | 28.34 | 70.33 | 1.11 | 7.19 | 0 | 0.97 | 44.79 |
| 3.606 | 28.34 | 70.33 | 1.03 | 7.2  | 0 | 0.95 | 44.79 |
| 3.648 | 28.34 | 70.33 | 1.26 | 7.21 | 0 | 1.05 | 44.79 |
| 3.68  | 28.34 | 70.34 | 1.11 | 7.19 | 0 | 0.97 | 44.79 |
| 3.696 | 28.34 | 70.34 | 0.99 | 7.14 | 0 | 0.89 | 44.79 |
| 3.707 | 28.34 | 70.34 | 1.41 | 7.06 | 0 | 0.94 | 44.8  |
| 3.724 | 28.34 | 70.34 | 1.37 | 6.97 | 0 | 0.85 | 44.8  |
| 3.744 | 28.35 | 70.34 | 1.18 | 6.89 | 0 | 0.95 | 44.79 |
| 3.764 | 28.35 | 70.35 | 1.11 | 6.84 | 0 | 0.92 | 44.79 |
| 3.804 | 28.35 | 70.35 | 0.84 | 6.83 | 0 | 1.04 | 44.79 |
| 3.84  | 28.35 | 70.35 | 0.92 | 6.84 | 0 | 0.99 | 44.79 |
| 3.869 | 28.35 | 70.35 | 1.45 | 6.87 | 0 | 0.98 | 44.79 |
| 3.88  | 28.35 | 70.35 | 0.88 | 6.88 | 0 | 1.0  | 44.8  |
| 3.891 | 28.35 | 70.35 | 0.99 | 6.86 | 0 | 0.94 | 44.8  |
| 3.923 | 28.35 | 70.35 | 1.26 | 6.83 | 0 | 1.01 | 44.8  |
| 3.96  | 28.35 | 70.35 | 1.34 | 6.83 | 0 | 0.9  | 44.8  |
| 3.985 | 28.35 | 70.35 | 1.41 | 6.85 | 0 | 0.94 | 44.79 |
| 4.001 | 28.35 | 70.35 | 0.99 | 6.85 | 0 | 0.94 | 44.79 |
| 4.014 | 28.35 | 70.35 | 1.22 | 6.86 | 0 | 0.97 | 44.8  |
| 4.038 | 28.35 | 70.35 | 1.45 | 6.89 | 0 | 1.04 | 44.8  |
| 4.052 | 28.35 | 70.35 | 1.03 | 6.93 | 0 | 0.94 | 44.8  |
| 4.067 | 28.35 | 70.35 | 0.99 | 6.98 | 0 | 0.91 | 44.8  |
| 4.1   | 28.35 | 70.35 | 1.11 | 6.98 | 0 | 0.98 | 44.8  |
| 4.127 | 28.35 | 70.35 | 1.34 | 6.94 | 0 | 0.98 | 44.8  |
| 4.143 | 28.35 | 70.35 | 1.26 | 6.9  | 0 | 0.98 | 44.8  |
| 4.15  | 28.35 | 70.36 | 1.45 | 6.86 | 0 | 1.03 | 44.8  |
| 4.178 | 28.35 | 70.36 | 1.18 | 6.81 | 0 | 1.11 | 44.8  |
| 4.208 | 28.35 | 70.36 | 1.34 | 6.79 | 0 | 0.93 | 44.8  |
| 4.234 | 28.35 | 70.36 | 0.92 | 6.79 | 0 | 0.98 | 44.8  |
| 4.259 | 28.35 | 70.36 | 1.34 | 6.8  | 0 | 0.89 | 44.8  |
| 4.268 | 28.35 | 70.36 | 1.03 | 6.82 | 0 | 0.97 | 44.8  |
| 4.272 | 28.35 | 70.36 | 1.68 | 6.86 | 0 | 1.01 | 44.8  |
| 4.288 | 28.35 | 70.36 | 1.45 | 6.94 | 0 | 0.97 | 44.8  |
| 4.323 | 28.36 | 70.36 | 1.37 | 7.04 | 0 | 0.93 | 44.8  |
| 4.363 | 28.36 | 70.36 | 0.99 | 7.14 | 0 | 0.95 | 44.8  |
| 4.388 | 28.36 | 70.36 | 1.49 | 7.22 | 0 | 0.98 | 44.8  |
| 4.393 | 28.36 | 70.36 | 1.22 | 7.27 | 0 | 0.98 | 44.79 |
| 4.408 | 28.36 | 70.36 | 1.11 | 7.3  | 0 | 1.01 | 44.8  |
| 4.422 | 28.36 | 70.36 | 1.18 | 7.31 | 0 | 0.9  | 44.8  |
| 4.45  | 28.36 | 70.36 | 1.22 | 7.32 | 0 | 0.93 | 44.8  |
| 4.468 | 28.36 | 70.36 | 1.41 | 7.31 | 0 | 0.95 | 44.8  |
| 4.488 | 28.36 | 70.36 | 1.07 | 7.31 | 0 | 0.89 | 44.8  |
| 4.522 | 28.36 | 70.36 | 1.56 | 7.31 | 0 | 1.02 | 44.8  |
| 4.557 | 28.36 | 70.36 | 1.34 | 7.28 | 0 | 1.0  | 44.8  |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.569 | 28.36 | 70.36 | 1.45 | 7.26 | 0 | 0.92 | 44.8  |
| 4.618 | 28.36 | 70.36 | 1.41 | 7.25 | 0 | 0.89 | 44.8  |
| 4.662 | 28.36 | 70.37 | 1.68 | 7.18 | 0 | 1.04 | 44.8  |
| 4.675 | 28.36 | 70.37 | 1.14 | 7.14 | 0 | 0.94 | 44.8  |
| 4.722 | 28.36 | 70.37 | 1.37 | 7.13 | 0 | 1.01 | 44.8  |
| 4.767 | 28.36 | 70.37 | 1.41 | 7.16 | 0 | 0.93 | 44.8  |
| 4.782 | 28.36 | 70.37 | 1.6  | 7.19 | 0 | 1.05 | 44.8  |
| 4.793 | 28.36 | 70.37 | 1.26 | 7.18 | 0 | 1.04 | 44.79 |
| 4.824 | 28.36 | 70.37 | 1.11 | 7.2  | 0 | 1.07 | 44.79 |
| 4.86  | 28.36 | 70.37 | 1.45 | 7.25 | 0 | 0.99 | 44.8  |
| 4.885 | 28.36 | 70.37 | 1.26 | 7.3  | 0 | 1.02 | 44.8  |
| 4.9   | 28.36 | 70.37 | 1.26 | 7.33 | 0 | 1.05 | 44.8  |
| 4.902 | 28.36 | 70.37 | 1.22 | 7.35 | 0 | 0.97 | 44.8  |
| 4.905 | 28.36 | 70.37 | 1.3  | 7.36 | 0 | 0.95 | 44.8  |
| 4.907 | 28.36 | 70.37 | 1.49 | 7.36 | 0 | 0.95 | 44.8  |
| 4.914 | 28.36 | 70.37 | 1.22 | 7.35 | 0 | 0.94 | 44.8  |
| 4.918 | 28.36 | 70.37 | 1.18 | 7.32 | 0 | 0.92 | 44.8  |



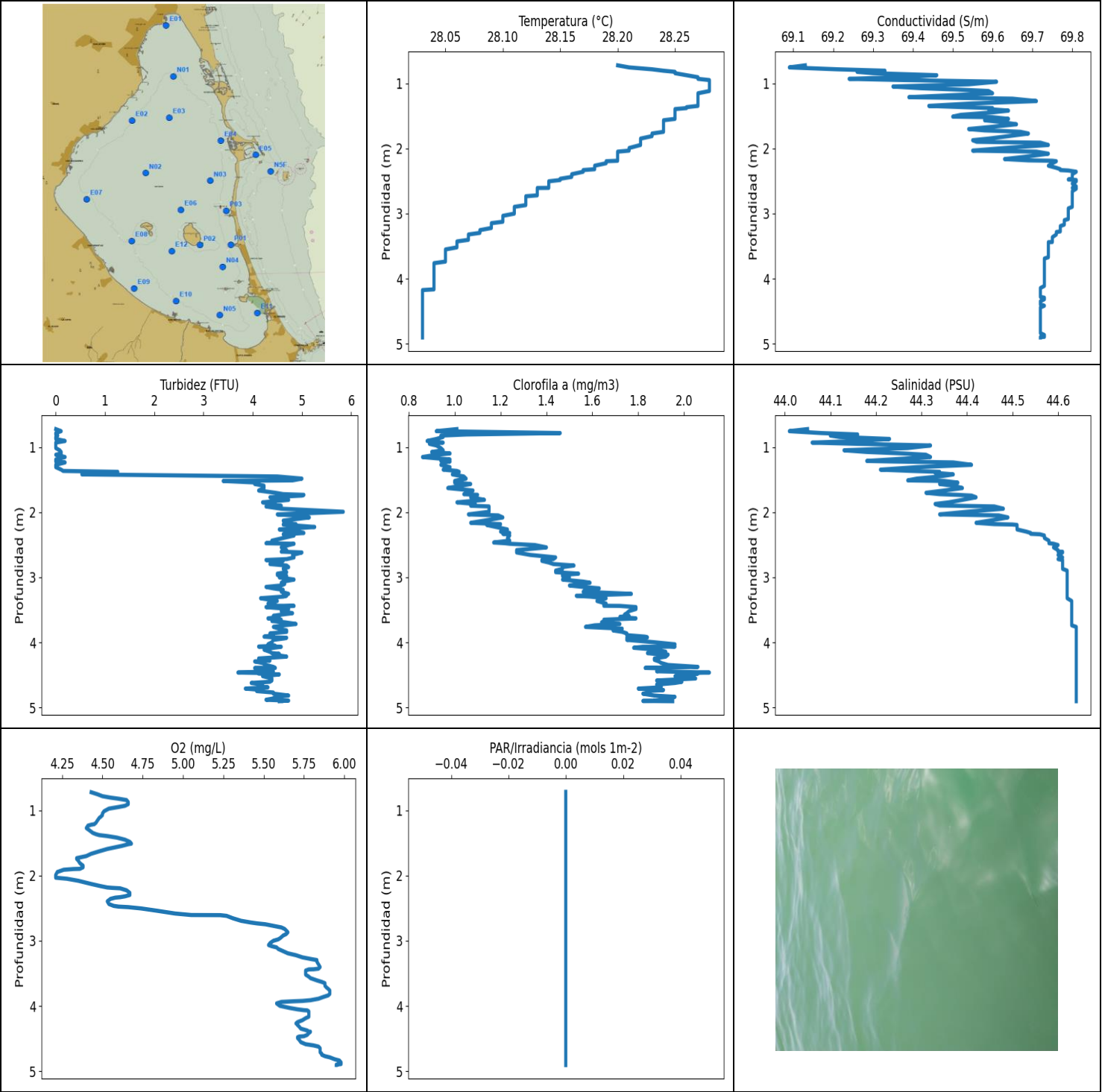
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.47      | 69.94               | 0.15           | 4.9            | 0                           | 0.49              | 44.39           |
| PROF (metros)                                                                | 0.718      | 0.718               | 1.541          | 1.74           | 0                           | 0.766             | 0.718           |
| MÁXIMO                                                                       | 28.62      | 28.62               | 2.1            | 6.07           | 0                           | 0.71              | 44.83           |
| PROF (metros)                                                                | 2.6        | 2.595               | 0.733          | 1.065          | 0                           | 1.519             | 2.595           |

| 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) |

| OBSERVACIONES GENERALES |
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|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.718                                                          | 28.47      | 69.94               | 1.14           | 5.08           | 0                           | 0.61              | 44.39           |
| 0.733                                                          | 28.48      | 70.12               | 2.1            | 5.07           | 0                           | 0.57              | 44.51           |
| 0.766                                                          | 28.5       | 70.15               | 1.26           | 5.12           | 0                           | 0.49              | 44.51           |
| 0.816                                                          | 28.51      | 70.27               | 1.03           | 5.22           | 0                           | 0.52              | 44.58           |
| 0.873                                                          | 28.52      | 70.07               | 0.72           | 5.33           | 0                           | 0.58              | 44.43           |
| 0.914                                                          | 28.53      | 70.06               | 0.84           | 5.44           | 0                           | 0.58              | 44.42           |
| 0.936                                                          | 28.52      | 70.14               | 0.84           | 5.55           | 0                           | 0.56              | 44.48           |
| 0.942                                                          | 28.51      | 70.17               | 0.76           | 5.69           | 0                           | 0.56              | 44.51           |
| 0.953                                                          | 28.51      | 70.24               | 0.69           | 5.86           | 0                           | 0.55              | 44.56           |
| 0.985                                                          | 28.52      | 70.32               | 0.42           | 5.98           | 0                           | 0.55              | 44.61           |
| 1.027                                                          | 28.53      | 70.23               | 0.53           | 6.06           | 0                           | 0.52              | 44.54           |
| 1.065                                                          | 28.54      | 70.11               | 0.72           | 6.07           | 0                           | 0.55              | 44.44           |
| 1.085                                                          | 28.54      | 70.13               | 1.37           | 6.02           | 0                           | 0.54              | 44.45           |
| 1.1                                                            | 28.55      | 70.26               | 1.56           | 5.92           | 0                           | 0.5               | 44.54           |
| 1.12                                                           | 28.55      | 70.32               | 0.76           | 5.79           | 0                           | 0.5               | 44.59           |
| 1.147                                                          | 28.55      | 70.32               | 0.88           | 5.65           | 0                           | 0.58              | 44.59           |
| 1.185                                                          | 28.55      | 70.25               | 0.42           | 5.53           | 0                           | 0.55              | 44.54           |
| 1.219                                                          | 28.54      | 70.17               | 0.69           | 5.4            | 0                           | 0.6               | 44.48           |
| 1.239                                                          | 28.55      | 70.21               | 0.65           | 5.29           | 0                           | 0.6               | 44.51           |
| 1.254                                                          | 28.55      | 70.32               | 0.53           | 5.18           | 0                           | 0.55              | 44.58           |
| 1.276                                                          | 28.55      | 70.38               | 0.19           | 5.11           | 0                           | 0.52              | 44.63           |
| 1.307                                                          | 28.55      | 70.33               | 0.99           | 5.07           | 0                           | 0.56              | 44.59           |
| 1.346                                                          | 28.54      | 70.24               | 0.42           | 5.07           | 0                           | 0.53              | 44.54           |
| 1.37                                                           | 28.54      | 70.23               | 0.38           | 5.06           | 0                           | 0.53              | 44.53           |
| 1.39                                                           | 28.54      | 70.31               | 0.5            | 5.05           | 0                           | 0.49              | 44.58           |
| 1.406                                                          | 28.54      | 70.39               | 0.34           | 5.03           | 0                           | 0.54              | 44.65           |
| 1.439                                                          | 28.54      | 70.37               | 0.5            | 5.04           | 0                           | 0.56              | 44.62           |
| 1.472                                                          | 28.54      | 70.25               | 0.23           | 5.07           | 0                           | 0.56              | 44.54           |
| 1.501                                                          | 28.54      | 70.26               | 0.61           | 5.1            | 0                           | 0.6               | 44.55           |
| 1.519                                                          | 28.54      | 70.34               | 0.46           | 5.1            | 0                           | 0.71              | 44.6            |
| 1.541                                                          | 28.55      | 70.36               | 0.15           | 5.08           | 0                           | 0.58              | 44.62           |
| 1.562                                                          | 28.55      | 70.37               | 0.3            | 5.07           | 0                           | 0.56              | 44.62           |
| 1.597                                                          | 28.54      | 70.38               | 0.65           | 5.08           | 0                           | 0.58              | 44.63           |
| 1.629                                                          | 28.54      | 70.35               | 0.46           | 5.07           | 0                           | 0.62              | 44.61           |
| 1.666                                                          | 28.54      | 70.31               | 0.84           | 5.05           | 0                           | 0.58              | 44.59           |
| 1.691                                                          | 28.53      | 70.27               | 0.69           | 5.01           | 0                           | 0.55              | 44.56           |
| 1.706                                                          | 28.53      | 70.29               | 0.92           | 4.97           | 0                           | 0.5               | 44.58           |
| 1.715                                                          | 28.53      | 70.4                | 0.76           | 4.93           | 0                           | 0.57              | 44.66           |
| 1.74                                                           | 28.53      | 70.43               | 0.69           | 4.9            | 0                           | 0.58              | 44.68           |
| 1.775                                                          | 28.54      | 70.35               | 0.34           | 4.91           | 0                           | 0.6               | 44.62           |
| 1.814                                                          | 28.54      | 70.28               | 0.53           | 4.94           | 0                           | 0.59              | 44.57           |
| 1.849                                                          | 28.54      | 70.27               | 0.61           | 4.96           | 0                           | 0.56              | 44.56           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.867 | 28.54 | 70.3  | 0.61 | 4.96 | 0 | 0.63 | 44.58 |
| 1.873 | 28.54 | 70.32 | 0.57 | 4.95 | 0 | 0.59 | 44.59 |
| 1.882 | 28.54 | 70.38 | 0.95 | 4.93 | 0 | 0.52 | 44.63 |
| 1.904 | 28.54 | 70.44 | 0.69 | 4.93 | 0 | 0.56 | 44.68 |
| 1.943 | 28.54 | 70.44 | 0.65 | 4.94 | 0 | 0.54 | 44.67 |
| 1.987 | 28.54 | 70.34 | 0.34 | 4.98 | 0 | 0.59 | 44.61 |
| 2.02  | 28.54 | 70.26 | 0.5  | 5.01 | 0 | 0.56 | 44.55 |
| 2.034 | 28.54 | 70.29 | 0.92 | 5.01 | 0 | 0.61 | 44.57 |
| 2.036 | 28.54 | 70.36 | 1.72 | 5.0  | 0 | 0.65 | 44.62 |
| 2.047 | 28.54 | 70.36 | 0.84 | 4.99 | 0 | 0.6  | 44.62 |
| 2.063 | 28.54 | 70.38 | 0.69 | 4.99 | 0 | 0.62 | 44.64 |
| 2.089 | 28.54 | 70.34 | 0.88 | 5.0  | 0 | 0.63 | 44.61 |
| 2.114 | 28.54 | 70.26 | 0.69 | 5.0  | 0 | 0.62 | 44.55 |
| 2.125 | 28.54 | 70.28 | 0.65 | 4.98 | 0 | 0.6  | 44.56 |
| 2.13  | 28.54 | 70.28 | 0.88 | 4.98 | 0 | 0.66 | 44.56 |
| 2.141 | 28.53 | 70.41 | 1.41 | 5.0  | 0 | 0.58 | 44.66 |
| 2.177 | 28.54 | 70.44 | 0.69 | 5.03 | 0 | 0.56 | 44.69 |
| 2.235 | 28.54 | 70.31 | 0.65 | 5.11 | 0 | 0.56 | 44.58 |
| 2.279 | 28.55 | 70.24 | 0.8  | 5.21 | 0 | 0.69 | 44.52 |
| 2.286 | 28.51 | 70.41 | 1.11 | 5.53 | 0 | 0.61 | 44.68 |
| 2.31  | 28.51 | 70.43 | 0.92 | 5.63 | 0 | 0.63 | 44.7  |
| 2.35  | 28.52 | 70.42 | 0.95 | 5.68 | 0 | 0.53 | 44.68 |
| 2.397 | 28.52 | 70.34 | 0.61 | 5.68 | 0 | 0.55 | 44.62 |
| 2.431 | 28.53 | 70.32 | 0.27 | 5.64 | 0 | 0.56 | 44.6  |
| 2.451 | 28.53 | 70.4  | 0.34 | 5.57 | 0 | 0.6  | 44.66 |
| 2.457 | 28.53 | 70.46 | 0.76 | 5.51 | 0 | 0.6  | 44.7  |
| 2.468 | 28.54 | 70.43 | 0.8  | 5.47 | 0 | 0.57 | 44.67 |
| 2.491 | 28.55 | 70.43 | 0.8  | 5.46 | 0 | 0.51 | 44.66 |
| 2.522 | 28.56 | 70.54 | 0.84 | 5.43 | 0 | 0.6  | 44.73 |
| 2.553 | 28.57 | 70.54 | 0.72 | 5.39 | 0 | 0.54 | 44.72 |
| 2.582 | 28.58 | 70.52 | 0.53 | 5.36 | 0 | 0.56 | 44.69 |
| 2.593 | 28.59 | 70.61 | 0.69 | 5.32 | 0 | 0.63 | 44.75 |
| 2.595 | 28.61 | 70.73 | 0.42 | 5.26 | 0 | 0.58 | 44.83 |
| 2.6   | 28.62 | 70.68 | 0.42 | 5.23 | 0 | 0.6  | 44.78 |
| 2.602 | 28.62 | 70.73 | 0.46 | 5.22 | 0 | 0.64 | 44.81 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 28.03      | 69.09               | 0.0            | 4.21           | 0                           | 0.86              | 44.01           |
| PROF (metros)                                                                | 4.176      | 0.751               | 0.719          | 1.991          | 0                           | 1.149             | 0.751           |
| MÁXIMO                                                                       | 28.28      | 28.28               | 5.84           | 5.98           | 0                           | 2.11              | 44.64           |
| PROF (metros)                                                                | 0.946      | 2.356               | 1.991          | 4.867          | 0                           | 4.464             | 3.762           |

| 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) |

| 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                                                          | 28.2       | 69.13               | 0.0            | 4.43           | 0                           | 1.01              | 44.05           |
| 0.751                                                          | 28.21      | 69.09               | 0.11           | 4.47           | 0                           | 0.92              | 44.01           |
| 0.78                                                           | 28.23      | 69.21               | 0.0            | 4.5            | 0                           | 1.46              | 44.08           |
| 0.802                                                          | 28.24      | 69.33               | 0.0            | 4.55           | 0                           | 1.05              | 44.16           |
| 0.819                                                          | 28.25      | 69.26               | 0.04           | 4.6            | 0                           | 0.94              | 44.1            |
| 0.84                                                           | 28.25      | 69.3                | 0.0            | 4.65           | 0                           | 0.95              | 44.12           |
| 0.871                                                          | 28.26      | 69.46               | 0.0            | 4.66           | 0                           | 0.92              | 44.23           |
| 0.902                                                          | 28.27      | 69.37               | 0.19           | 4.66           | 0                           | 0.88              | 44.16           |
| 0.927                                                          | 28.27      | 69.24               | 0.0            | 4.64           | 0                           | 0.95              | 44.06           |
| 0.946                                                          | 28.28      | 69.38               | 0.0            | 4.6            | 0                           | 0.89              | 44.16           |
| 0.971                                                          | 28.28      | 69.61               | 0.0            | 4.54           | 0                           | 0.92              | 44.32           |
| 1.011                                                          | 28.28      | 69.54               | 0.0            | 4.51           | 0                           | 0.94              | 44.27           |
| 1.045                                                          | 28.28      | 69.35               | 0.08           | 4.5            | 0                           | 0.95              | 44.13           |
| 1.071                                                          | 28.28      | 69.42               | 0.11           | 4.5            | 0                           | 0.9               | 44.18           |
| 1.094                                                          | 28.28      | 69.52               | 0.11           | 4.49           | 0                           | 0.98              | 44.26           |
| 1.114                                                          | 28.28      | 69.59               | 0.0            | 4.48           | 0                           | 0.92              | 44.31           |
| 1.149                                                          | 28.27      | 69.6                | 0.19           | 4.47           | 0                           | 0.86              | 44.32           |
| 1.187                                                          | 28.27      | 69.47               | 0.0            | 4.46           | 0                           | 0.98              | 44.23           |
| 1.209                                                          | 28.27      | 69.39               | 0.0            | 4.45           | 0                           | 0.94              | 44.18           |
| 1.218                                                          | 28.27      | 69.49               | 0.0            | 4.43           | 0                           | 0.98              | 44.24           |
| 1.232                                                          | 28.27      | 69.65               | 0.19           | 4.41           | 0                           | 0.95              | 44.37           |
| 1.269                                                          | 28.27      | 69.71               | 0.0            | 4.4            | 0                           | 0.94              | 44.41           |
| 1.305                                                          | 28.27      | 69.55               | 0.0            | 4.42           | 0                           | 0.98              | 44.29           |
| 1.343                                                          | 28.27      | 69.44               | 0.11           | 4.44           | 0                           | 0.95              | 44.21           |
| 1.363                                                          | 28.26      | 69.53               | 0.15           | 4.46           | 0                           | 1.01              | 44.28           |
| 1.377                                                          | 28.26      | 69.6                | 1.26           | 4.48           | 0                           | 1.02              | 44.34           |
| 1.392                                                          | 28.25      | 69.59               | 0.99           | 4.53           | 0                           | 1.01              | 44.33           |
| 1.416                                                          | 28.25      | 69.64               | 0.53           | 4.59           | 0                           | 0.99              | 44.37           |
| 1.448                                                          | 28.25      | 69.59               | 4.5            | 4.64           | 0                           | 1.04              | 44.34           |
| 1.481                                                          | 28.25      | 69.52               | 5.0            | 4.67           | 0                           | 1.05              | 44.29           |
| 1.508                                                          | 28.25      | 69.5                | 4.81           | 4.68           | 0                           | 1.01              | 44.27           |
| 1.517                                                          | 28.25      | 69.6                | 3.4            | 4.66           | 0                           | 1.0               | 44.35           |
| 1.543                                                          | 28.25      | 69.64               | 4.12           | 4.62           | 0                           | 1.0               | 44.38           |
| 1.564                                                          | 28.24      | 69.58               | 4.04           | 4.58           | 0                           | 1.07              | 44.34           |
| 1.59                                                           | 28.24      | 69.62               | 4.23           | 4.53           | 0                           | 1.03              | 44.37           |
| 1.626                                                          | 28.24      | 69.66               | 4.23           | 4.48           | 0                           | 0.97              | 44.39           |
| 1.664                                                          | 28.24      | 69.6                | 4.12           | 4.43           | 0                           | 1.08              | 44.35           |
| 1.699                                                          | 28.24      | 69.54               | 4.46           | 4.4            | 0                           | 1.06              | 44.31           |
| 1.72                                                           | 28.24      | 69.58               | 4.62           | 4.36           | 0                           | 1.04              | 44.34           |
| 1.731                                                          | 28.24      | 69.63               | 5.04           | 4.34           | 0                           | 1.1               | 44.38           |
| 1.742                                                          | 28.24      | 69.67               | 5.0            | 4.34           | 0                           | 1.08              | 44.41           |
| 1.768                                                          | 28.23      | 69.69               | 4.35           | 4.35           | 0                           | 1.07              | 44.42           |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 1.808 | 28.23 | 69.64 | 4.73 | 4.36 | 0 | 1.13 | 44.39 |
| 1.846 | 28.22 | 69.59 | 4.2  | 4.38 | 0 | 1.01 | 44.36 |
| 1.871 | 28.22 | 69.55 | 4.46 | 4.38 | 0 | 1.09 | 44.33 |
| 1.895 | 28.22 | 69.56 | 4.42 | 4.36 | 0 | 1.07 | 44.34 |
| 1.898 | 28.22 | 69.59 | 4.58 | 4.32 | 0 | 1.07 | 44.37 |
| 1.909 | 28.22 | 69.72 | 4.27 | 4.26 | 0 | 1.15 | 44.46 |
| 1.944 | 28.22 | 69.74 | 4.58 | 4.22 | 0 | 1.15 | 44.48 |
| 1.991 | 28.21 | 69.63 | 5.84 | 4.21 | 0 | 1.15 | 44.4  |
| 2.031 | 28.21 | 69.55 | 4.5  | 4.21 | 0 | 1.06 | 44.34 |
| 2.047 | 28.2  | 69.71 | 4.84 | 4.28 | 0 | 1.19 | 44.47 |
| 2.078 | 28.2  | 69.74 | 5.15 | 4.35 | 0 | 1.21 | 44.49 |
| 2.127 | 28.2  | 69.68 | 4.62 | 4.43 | 0 | 1.13 | 44.45 |
| 2.161 | 28.2  | 69.63 | 4.65 | 4.49 | 0 | 1.07 | 44.42 |
| 2.181 | 28.2  | 69.69 | 4.88 | 4.53 | 0 | 1.2  | 44.46 |
| 2.187 | 28.2  | 69.75 | 4.62 | 4.56 | 0 | 1.19 | 44.5  |
| 2.194 | 28.19 | 69.76 | 4.73 | 4.61 | 0 | 1.14 | 44.51 |
| 2.225 | 28.19 | 69.75 | 5.26 | 4.65 | 0 | 1.18 | 44.51 |
| 2.263 | 28.18 | 69.74 | 4.54 | 4.67 | 0 | 1.23 | 44.51 |
| 2.296 | 28.18 | 69.76 | 4.92 | 4.67 | 0 | 1.2  | 44.53 |
| 2.317 | 28.18 | 69.77 | 5.04 | 4.64 | 0 | 1.24 | 44.54 |
| 2.33  | 28.17 | 69.77 | 4.81 | 4.61 | 0 | 1.21 | 44.54 |
| 2.337 | 28.17 | 69.79 | 4.62 | 4.58 | 0 | 1.23 | 44.56 |
| 2.356 | 28.17 | 69.81 | 4.84 | 4.55 | 0 | 1.24 | 44.57 |
| 2.394 | 28.16 | 69.8  | 4.62 | 4.53 | 0 | 1.23 | 44.57 |
| 2.435 | 28.16 | 69.8  | 4.39 | 4.54 | 0 | 1.24 | 44.58 |
| 2.464 | 28.15 | 69.8  | 4.39 | 4.57 | 0 | 1.17 | 44.58 |
| 2.475 | 28.15 | 69.79 | 4.27 | 4.6  | 0 | 1.22 | 44.58 |
| 2.483 | 28.15 | 69.81 | 4.84 | 4.66 | 0 | 1.24 | 44.59 |
| 2.503 | 28.14 | 69.81 | 4.73 | 4.74 | 0 | 1.35 | 44.6  |
| 2.539 | 28.14 | 69.8  | 4.58 | 4.84 | 0 | 1.4  | 44.59 |
| 2.581 | 28.14 | 69.81 | 4.69 | 4.95 | 0 | 1.27 | 44.6  |
| 2.604 | 28.14 | 69.8  | 4.58 | 5.05 | 0 | 1.27 | 44.6  |
| 2.606 | 28.13 | 69.81 | 4.65 | 5.23 | 0 | 1.27 | 44.61 |
| 2.617 | 28.13 | 69.81 | 5.0  | 5.27 | 0 | 1.27 | 44.61 |
| 2.655 | 28.13 | 69.8  | 4.81 | 5.31 | 0 | 1.33 | 44.6  |
| 2.693 | 28.13 | 69.8  | 4.84 | 5.36 | 0 | 1.44 | 44.61 |
| 2.719 | 28.13 | 69.8  | 4.69 | 5.42 | 0 | 1.43 | 44.6  |
| 2.733 | 28.12 | 69.8  | 4.27 | 5.46 | 0 | 1.38 | 44.61 |
| 2.746 | 28.12 | 69.8  | 4.62 | 5.51 | 0 | 1.38 | 44.61 |
| 2.771 | 28.12 | 69.8  | 4.39 | 5.56 | 0 | 1.41 | 44.61 |
| 2.795 | 28.12 | 69.8  | 4.35 | 5.61 | 0 | 1.43 | 44.61 |
| 2.818 | 28.12 | 69.8  | 4.69 | 5.63 | 0 | 1.52 | 44.61 |
| 2.842 | 28.12 | 69.8  | 4.73 | 5.64 | 0 | 1.47 | 44.61 |
| 2.869 | 28.12 | 69.8  | 4.62 | 5.65 | 0 | 1.47 | 44.61 |
| 2.896 | 28.11 | 69.8  | 4.65 | 5.64 | 0 | 1.44 | 44.62 |
| 2.92  | 28.11 | 69.79 | 4.69 | 5.62 | 0 | 1.44 | 44.62 |
| 2.943 | 28.11 | 69.79 | 4.5  | 5.61 | 0 | 1.54 | 44.62 |
| 2.963 | 28.11 | 69.79 | 4.5  | 5.6  | 0 | 1.47 | 44.62 |
| 2.978 | 28.11 | 69.79 | 4.69 | 5.59 | 0 | 1.47 | 44.62 |
| 3.0   | 28.11 | 69.79 | 4.54 | 5.56 | 0 | 1.5  | 44.62 |
| 3.034 | 28.1  | 69.79 | 4.84 | 5.54 | 0 | 1.47 | 44.62 |
| 3.065 | 28.1  | 69.79 | 4.62 | 5.53 | 0 | 1.56 | 44.62 |
| 3.083 | 28.1  | 69.79 | 4.58 | 5.55 | 0 | 1.59 | 44.62 |
| 3.101 | 28.1  | 69.78 | 4.65 | 5.58 | 0 | 1.54 | 44.62 |
| 3.125 | 28.1  | 69.78 | 4.58 | 5.59 | 0 | 1.5  | 44.62 |
| 3.147 | 28.09 | 69.78 | 4.27 | 5.61 | 0 | 1.56 | 44.62 |
| 3.169 | 28.09 | 69.78 | 4.42 | 5.63 | 0 | 1.63 | 44.62 |
| 3.192 | 28.09 | 69.77 | 4.62 | 5.65 | 0 | 1.57 | 44.62 |



|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 3.221 | 28.09 | 69.77 | 4.58 | 5.7  | 0 | 1.56 | 44.62 |
| 3.254 | 28.08 | 69.77 | 4.73 | 5.74 | 0 | 1.77 | 44.62 |
| 3.274 | 28.08 | 69.77 | 4.62 | 5.78 | 0 | 1.61 | 44.62 |
| 3.283 | 28.08 | 69.76 | 4.69 | 5.8  | 0 | 1.53 | 44.62 |
| 3.296 | 28.08 | 69.76 | 4.62 | 5.83 | 0 | 1.59 | 44.62 |
| 3.321 | 28.07 | 69.76 | 4.16 | 5.83 | 0 | 1.66 | 44.62 |
| 3.363 | 28.07 | 69.75 | 4.5  | 5.84 | 0 | 1.62 | 44.63 |
| 3.403 | 28.07 | 69.75 | 4.31 | 5.85 | 0 | 1.66 | 44.63 |
| 3.428 | 28.06 | 69.75 | 4.46 | 5.84 | 0 | 1.65 | 44.63 |
| 3.437 | 28.06 | 69.75 | 4.42 | 5.81 | 0 | 1.65 | 44.63 |
| 3.439 | 28.06 | 69.74 | 4.84 | 5.78 | 0 | 1.72 | 44.63 |
| 3.457 | 28.06 | 69.74 | 4.27 | 5.76 | 0 | 1.79 | 44.63 |
| 3.486 | 28.06 | 69.74 | 4.73 | 5.76 | 0 | 1.79 | 44.63 |
| 3.519 | 28.06 | 69.74 | 4.58 | 5.76 | 0 | 1.76 | 44.63 |
| 3.551 | 28.05 | 69.74 | 4.81 | 5.78 | 0 | 1.75 | 44.63 |
| 3.573 | 28.05 | 69.74 | 4.58 | 5.79 | 0 | 1.74 | 44.63 |
| 3.591 | 28.05 | 69.74 | 4.42 | 5.81 | 0 | 1.76 | 44.63 |
| 3.608 | 28.05 | 69.74 | 4.54 | 5.83 | 0 | 1.72 | 44.63 |
| 3.631 | 28.05 | 69.74 | 4.31 | 5.86 | 0 | 1.79 | 44.63 |
| 3.651 | 28.05 | 69.74 | 4.58 | 5.88 | 0 | 1.65 | 44.63 |
| 3.671 | 28.05 | 69.74 | 4.39 | 5.88 | 0 | 1.67 | 44.63 |
| 3.691 | 28.05 | 69.73 | 4.65 | 5.88 | 0 | 1.64 | 44.63 |
| 3.717 | 28.05 | 69.73 | 4.88 | 5.89 | 0 | 1.72 | 44.63 |
| 3.738 | 28.05 | 69.73 | 4.62 | 5.9  | 0 | 1.61 | 44.63 |
| 3.762 | 28.04 | 69.73 | 4.42 | 5.91 | 0 | 1.57 | 44.64 |
| 3.789 | 28.04 | 69.73 | 4.54 | 5.91 | 0 | 1.73 | 44.64 |
| 3.816 | 28.04 | 69.73 | 4.69 | 5.91 | 0 | 1.69 | 44.64 |
| 3.838 | 28.04 | 69.73 | 4.69 | 5.9  | 0 | 1.73 | 44.64 |
| 3.862 | 28.04 | 69.73 | 4.35 | 5.87 | 0 | 1.75 | 44.64 |
| 3.889 | 28.04 | 69.73 | 4.42 | 5.84 | 0 | 1.75 | 44.64 |
| 3.912 | 28.04 | 69.73 | 4.23 | 5.79 | 0 | 1.83 | 44.64 |
| 3.923 | 28.04 | 69.73 | 4.42 | 5.74 | 0 | 1.84 | 44.64 |
| 3.929 | 28.04 | 69.73 | 4.69 | 5.68 | 0 | 1.75 | 44.64 |
| 3.938 | 28.04 | 69.73 | 4.65 | 5.61 | 0 | 1.8  | 44.64 |
| 3.961 | 28.04 | 69.73 | 4.42 | 5.58 | 0 | 1.75 | 44.64 |
| 3.998 | 28.04 | 69.73 | 4.39 | 5.6  | 0 | 1.87 | 44.64 |
| 4.03  | 28.04 | 69.73 | 4.31 | 5.66 | 0 | 1.96 | 44.64 |
| 4.052 | 28.04 | 69.73 | 4.46 | 5.71 | 0 | 1.9  | 44.64 |
| 4.065 | 28.04 | 69.73 | 4.12 | 5.75 | 0 | 1.96 | 44.64 |
| 4.068 | 28.04 | 69.73 | 4.58 | 5.77 | 0 | 1.82 | 44.64 |
| 4.083 | 28.04 | 69.73 | 4.42 | 5.78 | 0 | 1.78 | 44.64 |
| 4.112 | 28.04 | 69.73 | 4.23 | 5.78 | 0 | 1.88 | 44.64 |
| 4.145 | 28.04 | 69.72 | 4.35 | 5.78 | 0 | 1.92 | 44.64 |
| 4.165 | 28.04 | 69.72 | 4.39 | 5.78 | 0 | 1.84 | 44.64 |
| 4.176 | 28.03 | 69.72 | 4.54 | 5.77 | 0 | 1.87 | 44.64 |
| 4.188 | 28.03 | 69.72 | 4.42 | 5.76 | 0 | 1.93 | 44.64 |
| 4.219 | 28.03 | 69.72 | 4.69 | 5.74 | 0 | 1.92 | 44.64 |
| 4.248 | 28.03 | 69.72 | 4.12 | 5.71 | 0 | 1.87 | 44.64 |
| 4.268 | 28.03 | 69.72 | 4.2  | 5.7  | 0 | 1.87 | 44.64 |
| 4.281 | 28.03 | 69.72 | 4.35 | 5.71 | 0 | 1.88 | 44.64 |
| 4.293 | 28.03 | 69.73 | 4.04 | 5.71 | 0 | 1.89 | 44.64 |
| 4.317 | 28.03 | 69.73 | 4.2  | 5.72 | 0 | 1.9  | 44.64 |
| 4.348 | 28.03 | 69.72 | 4.27 | 5.73 | 0 | 1.93 | 44.64 |
| 4.377 | 28.03 | 69.72 | 4.42 | 5.77 | 0 | 2.06 | 44.64 |
| 4.393 | 28.03 | 69.72 | 4.46 | 5.78 | 0 | 1.83 | 44.64 |
| 4.395 | 28.03 | 69.72 | 4.04 | 5.79 | 0 | 1.86 | 44.64 |
| 4.397 | 28.03 | 69.72 | 4.27 | 5.79 | 0 | 1.88 | 44.64 |
| 4.417 | 28.03 | 69.73 | 4.39 | 5.78 | 0 | 1.93 | 44.64 |

|       |       |       |      |      |   |      |       |
|-------|-------|-------|------|------|---|------|-------|
| 4.444 | 28.03 | 69.72 | 4.42 | 5.77 | 0 | 1.88 | 44.64 |
| 4.464 | 28.03 | 69.72 | 3.7  | 5.75 | 0 | 2.11 | 44.64 |
| 4.47  | 28.03 | 69.72 | 4.12 | 5.72 | 0 | 2.04 | 44.64 |
| 4.48  | 28.03 | 69.72 | 4.12 | 5.71 | 0 | 2.06 | 44.64 |
| 4.493 | 28.03 | 69.72 | 4.54 | 5.71 | 0 | 2.04 | 44.64 |
| 4.519 | 28.03 | 69.72 | 4.2  | 5.72 | 0 | 1.96 | 44.64 |
| 4.555 | 28.03 | 69.72 | 4.39 | 5.73 | 0 | 2.05 | 44.64 |
| 4.587 | 28.03 | 69.72 | 4.39 | 5.76 | 0 | 1.88 | 44.64 |
| 4.606 | 28.03 | 69.72 | 4.35 | 5.81 | 0 | 1.99 | 44.64 |
| 4.624 | 28.03 | 69.72 | 3.97 | 5.84 | 0 | 1.96 | 44.64 |
| 4.649 | 28.03 | 69.72 | 4.2  | 5.85 | 0 | 1.88 | 44.64 |
| 4.675 | 28.03 | 69.72 | 4.12 | 5.85 | 0 | 1.9  | 44.64 |
| 4.691 | 28.03 | 69.72 | 4.31 | 5.85 | 0 | 1.9  | 44.64 |
| 4.711 | 28.03 | 69.72 | 3.85 | 5.85 | 0 | 1.8  | 44.64 |
| 4.733 | 28.03 | 69.72 | 4.2  | 5.86 | 0 | 1.91 | 44.64 |
| 4.749 | 28.03 | 69.72 | 4.08 | 5.86 | 0 | 1.84 | 44.64 |
| 4.771 | 28.03 | 69.72 | 4.42 | 5.88 | 0 | 1.85 | 44.64 |
| 4.789 | 28.03 | 69.72 | 4.42 | 5.91 | 0 | 1.82 | 44.64 |
| 4.818 | 28.03 | 69.72 | 4.73 | 5.94 | 0 | 1.87 | 44.64 |
| 4.838 | 28.03 | 69.72 | 4.5  | 5.97 | 0 | 1.96 | 44.64 |
| 4.867 | 28.03 | 69.73 | 4.39 | 5.98 | 0 | 1.92 | 44.64 |
| 4.883 | 28.03 | 69.73 | 4.27 | 5.98 | 0 | 1.9  | 44.64 |
| 4.892 | 28.03 | 69.73 | 4.62 | 5.98 | 0 | 1.88 | 44.64 |
| 4.896 | 28.03 | 69.73 | 4.73 | 5.96 | 0 | 1.87 | 44.64 |
| 4.898 | 28.03 | 69.72 | 4.54 | 5.96 | 0 | 1.88 | 44.64 |
| 4.901 | 28.03 | 69.72 | 4.62 | 5.95 | 0 | 1.82 | 44.64 |
| 4.905 | 28.03 | 69.72 | 4.54 | 5.95 | 0 | 1.95 | 44.64 |