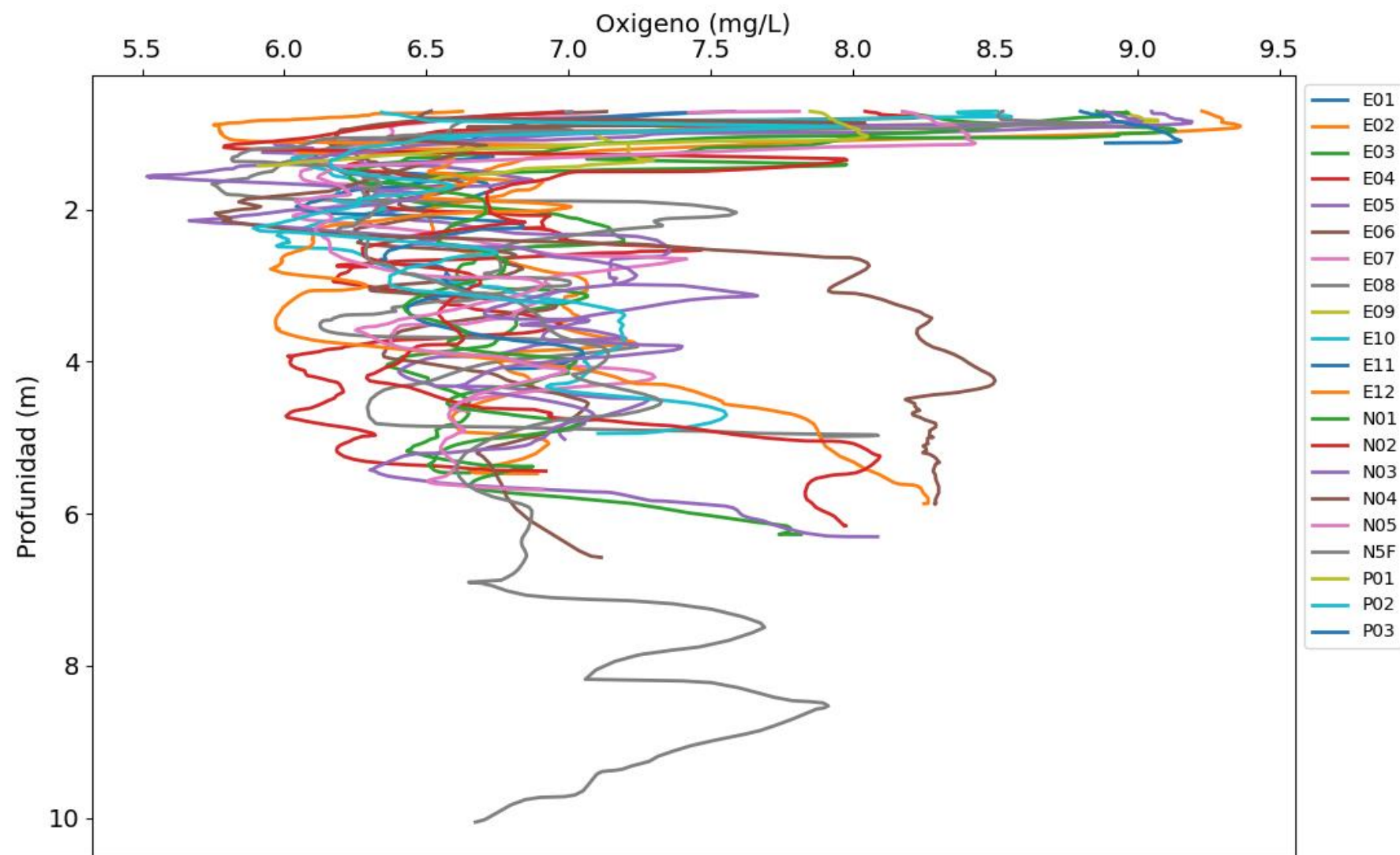
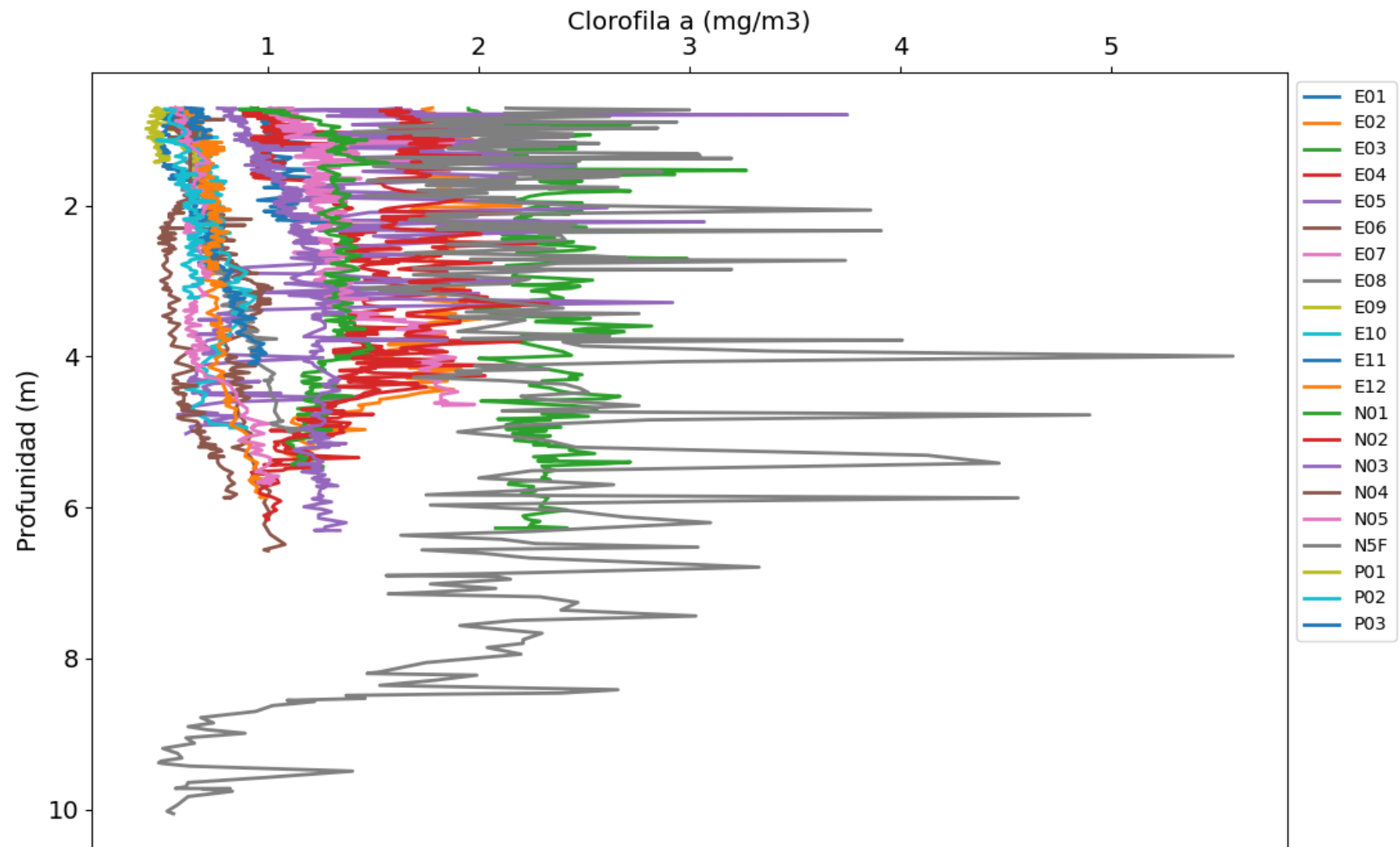
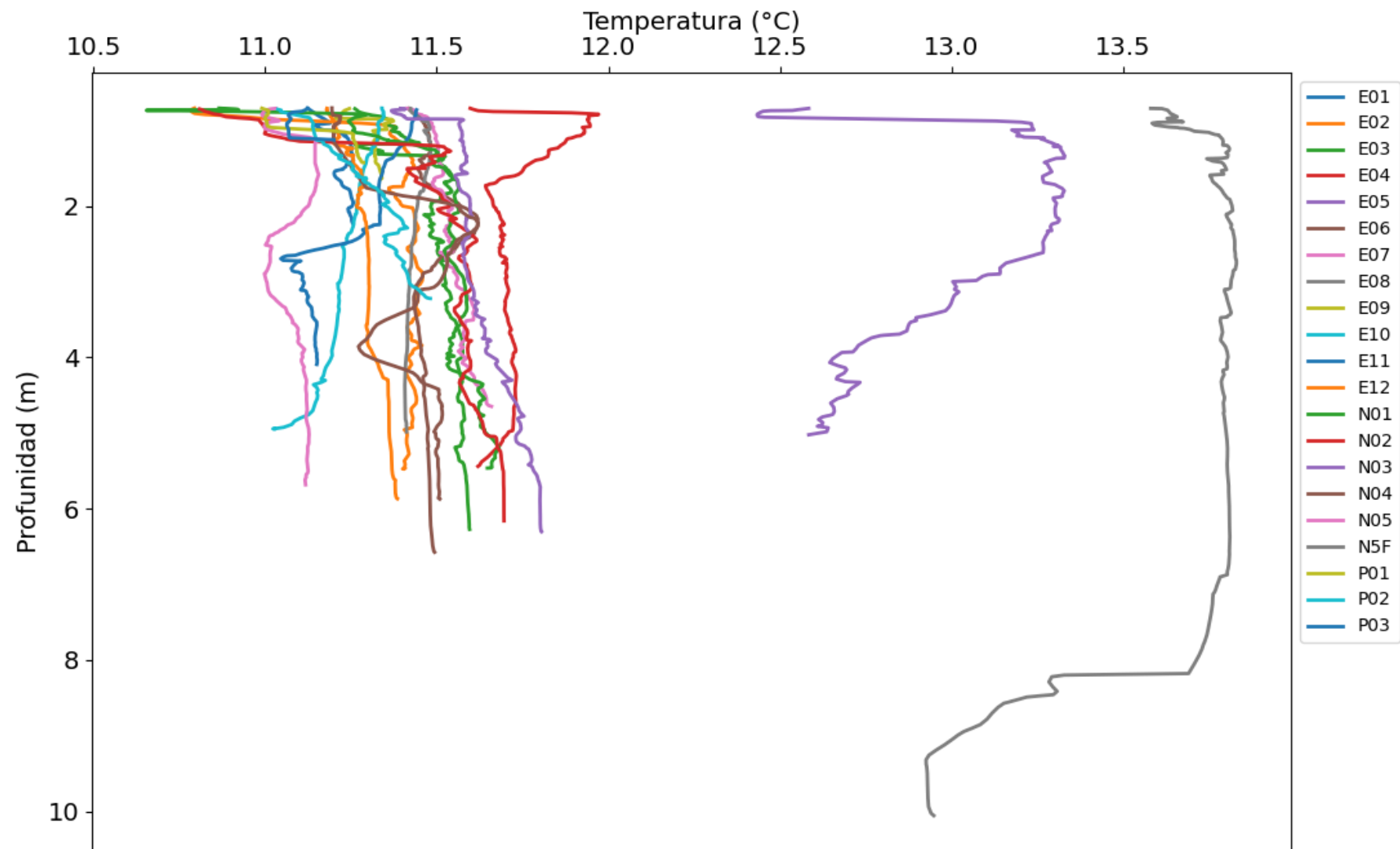
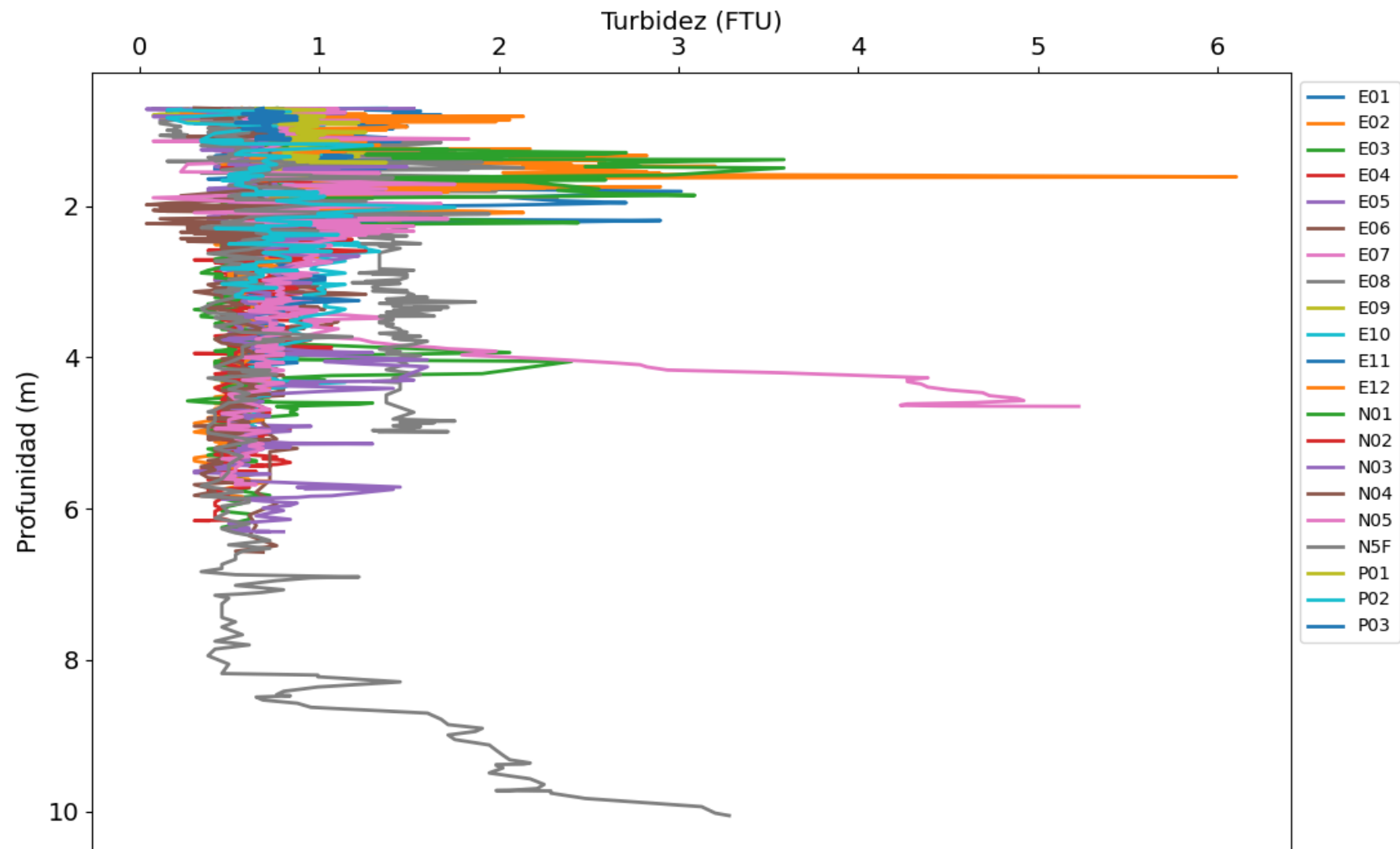


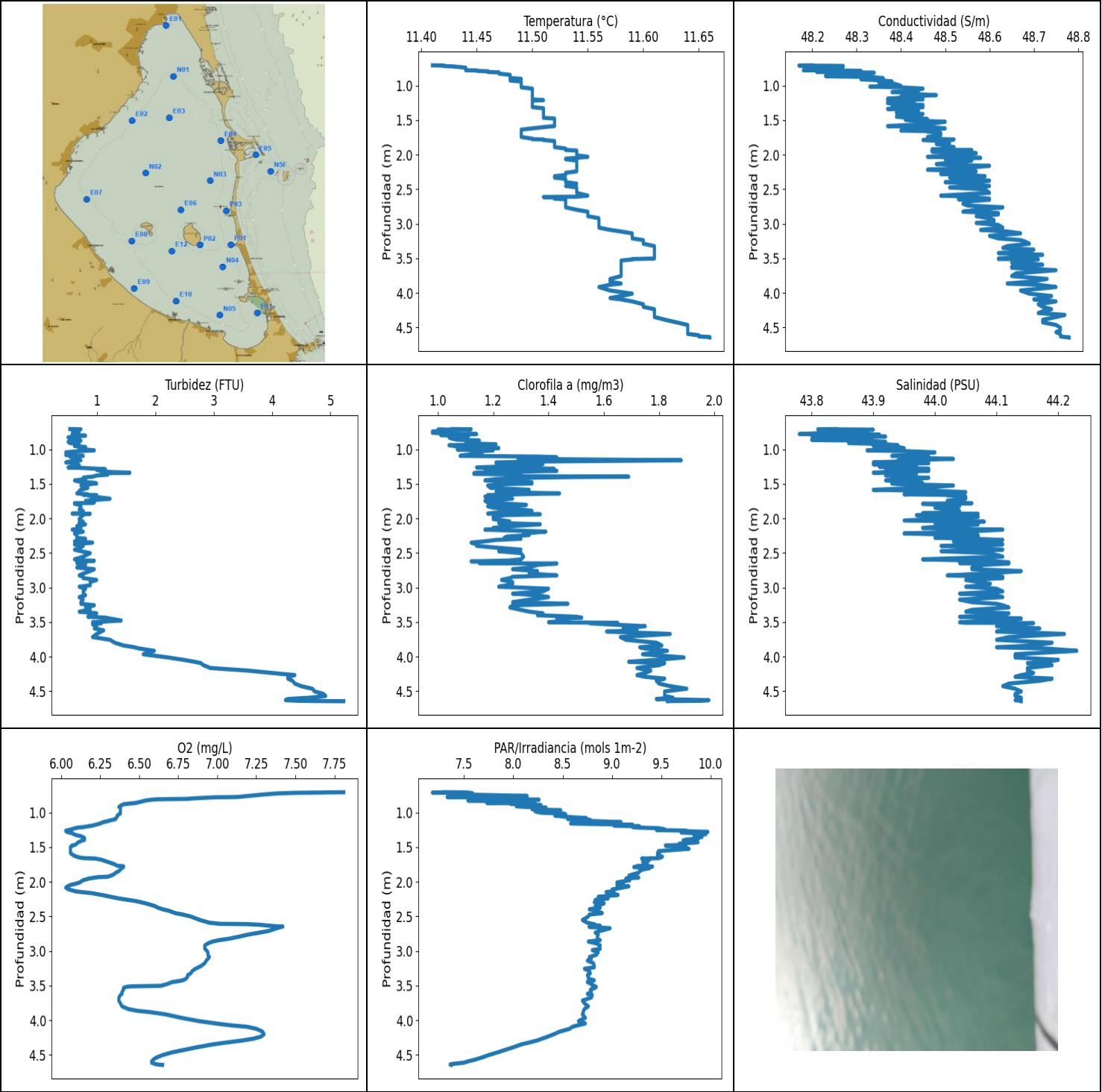












| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.41      | 48.17               | 0.46           | 6.03           | 7.18                        | 0.98              | 43.78           |
| PROF (metros)                                                                | 0.706      | 0.709               | 1.043          | 1.261          | 0.712                       | 0.74              | 0.778           |
| MÁXIMO                                                                       | 11.66      | 11.66               | 5.23           | 7.81           | 9.97                        | 1.98              | 44.23           |
| PROF (metros)                                                                | 4.64       | 4.643               | 4.646          | 0.706          | 1.28                        | 4.631             | 3.916           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E07 - Punto 001                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.46      | 48.28               | 0.63           | 6.79           | 7.9                         | 1.09              | 43.87           |
| 1 - 2m                                                     | 11.51      | 48.44               | 0.79           | 6.2            | 9.36                        | 1.27              | 43.98           |
| 2 - 3m                                                     | 11.54      | 48.56               | 0.75           | 6.73           | 8.89                        | 1.26              | 44.06           |
| 3 - 4m                                                     | 11.59      | 48.67               | 1.05           | 6.66           | 8.77                        | 1.53              | 44.11           |
| 4 - 5m                                                     | 11.62      | 48.74               | 4.02           | 6.9            | 8.02                        | 1.82              | 44.15           |

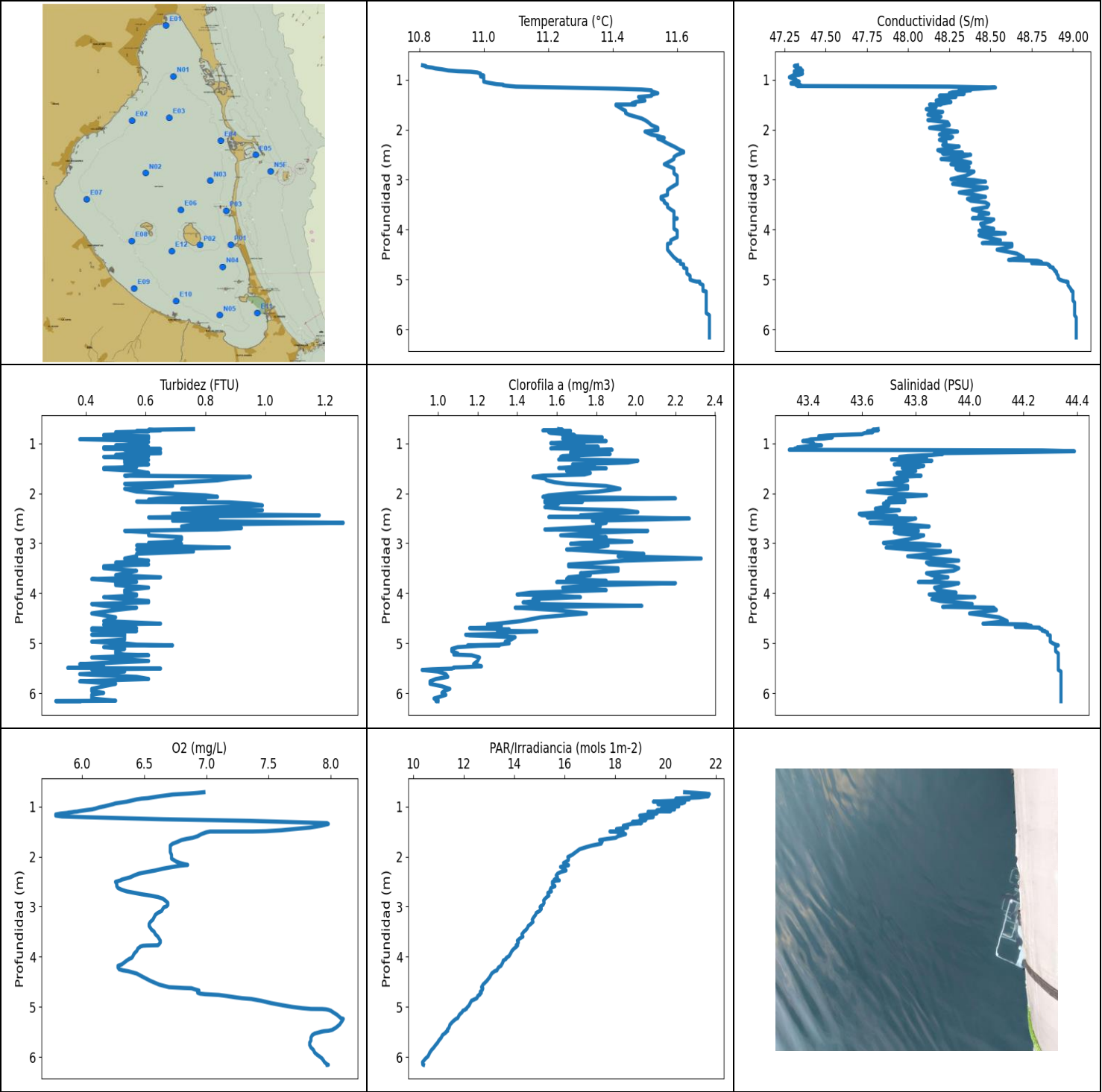
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706                                                          | 11.41      | 48.2                | 0.53           | 7.81           | 7.3                         | 1.05              | 43.84           |
| 0.709                                                          | 11.42      | 48.17               | 0.72           | 7.71           | 7.53                        | 1.12              | 43.81           |
| 0.712                                                          | 11.42      | 48.23               | 0.65           | 7.59           | 7.18                        | 1.11              | 43.87           |
| 0.715                                                          | 11.42      | 48.27               | 0.57           | 7.5            | 7.57                        | 1.0               | 43.9            |
| 0.724                                                          | 11.43      | 48.27               | 0.57           | 7.38           | 7.59                        | 1.07              | 43.89           |
| 0.74                                                           | 11.44      | 48.24               | 0.69           | 7.29           | 7.52                        | 0.98              | 43.85           |
| 0.76                                                           | 11.44      | 48.22               | 0.65           | 7.2            | 8.14                        | 0.98              | 43.83           |
| 0.775                                                          | 11.44      | 48.18               | 0.57           | 7.13           | 7.33                        | 1.06              | 43.79           |
| 0.778                                                          | 11.44      | 48.18               | 0.61           | 7.06           | 7.75                        | 1.1               | 43.78           |
| 0.779                                                          | 11.45      | 48.25               | 0.69           | 6.99           | 7.69                        | 1.14              | 43.86           |
| 0.786                                                          | 11.45      | 48.31               | 0.57           | 6.92           | 7.79                        | 1.08              | 43.91           |
| 0.793                                                          | 11.46      | 48.23               | 0.61           | 6.86           | 8.06                        | 1.01              | 43.83           |
| 0.802                                                          | 11.46      | 48.21               | 0.8            | 6.81           | 7.87                        | 1.08              | 43.8            |
| 0.808                                                          | 11.47      | 48.31               | 0.69           | 6.62           | 7.85                        | 1.11              | 43.89           |
| 0.814                                                          | 11.47      | 48.34               | 0.61           | 6.58           | 8.26                        | 1.1               | 43.92           |
| 0.826                                                          | 11.47      | 48.28               | 0.5            | 6.54           | 7.54                        | 1.04              | 43.86           |
| 0.844                                                          | 11.48      | 48.32               | 0.69           | 6.51           | 8.22                        | 1.05              | 43.89           |
| 0.86                                                           | 11.48      | 48.23               | 0.65           | 6.48           | 7.73                        | 1.07              | 43.8            |
| 0.867                                                          | 11.48      | 48.25               | 0.57           | 6.45           | 8.11                        | 1.13              | 43.82           |
| 0.872                                                          | 11.48      | 48.32               | 0.72           | 6.43           | 7.97                        | 1.15              | 43.89           |
| 0.88                                                           | 11.48      | 48.34               | 0.57           | 6.4            | 8.07                        | 1.1               | 43.9            |
| 0.891                                                          | 11.48      | 48.36               | 0.5            | 6.39           | 8.28                        | 1.11              | 43.92           |
| 0.901                                                          | 11.49      | 48.33               | 0.61           | 6.38           | 8.07                        | 1.11              | 43.89           |
| 0.909                                                          | 11.49      | 48.31               | 0.53           | 6.38           | 8.03                        | 1.11              | 43.86           |
| 0.918                                                          | 11.48      | 48.34               | 0.69           | 6.37           | 8.11                        | 1.14              | 43.9            |
| 0.926                                                          | 11.48      | 48.36               | 0.61           | 6.38           | 8.33                        | 1.21              | 43.92           |
| 0.94                                                           | 11.49      | 48.38               | 0.61           | 6.38           | 8.32                        | 1.04              | 43.94           |
| 0.952                                                          | 11.49      | 48.35               | 0.61           | 6.38           | 8.19                        | 1.06              | 43.9            |
| 0.966                                                          | 11.49      | 48.38               | 0.8            | 6.38           | 8.48                        | 1.08              | 43.94           |
| 0.982                                                          | 11.49      | 48.39               | 0.69           | 6.38           | 8.22                        | 1.22              | 43.95           |
| 1.002                                                          | 11.49      | 48.4                | 0.8            | 6.38           | 8.28                        | 1.07              | 43.95           |
| 1.014                                                          | 11.49      | 48.33               | 0.95           | 6.38           | 8.51                        | 1.2               | 43.89           |
| 1.025                                                          | 11.49      | 48.4                | 0.69           | 6.37           | 8.53                        | 1.16              | 43.95           |
| 1.043                                                          | 11.5       | 48.45               | 0.46           | 6.36           | 8.42                        | 1.16              | 44.0            |
| 1.061                                                          | 11.5       | 48.42               | 0.57           | 6.36           | 8.53                        | 1.13              | 43.96           |
| 1.08                                                           | 11.5       | 48.43               | 0.46           | 6.35           | 8.74                        | 1.1               | 43.98           |
| 1.094                                                          | 11.5       | 48.38               | 0.76           | 6.35           | 8.55                        | 1.08              | 43.93           |

|       |       |       |      |      |      |      |       |
|-------|-------|-------|------|------|------|------|-------|
| 1.105 | 11.5  | 48.44 | 0.53 | 6.33 | 8.78 | 1.37 | 43.99 |
| 1.116 | 11.5  | 48.43 | 0.69 | 6.31 | 8.75 | 1.43 | 43.98 |
| 1.123 | 11.5  | 48.43 | 0.69 | 6.3  | 8.81 | 1.31 | 43.97 |
| 1.138 | 11.5  | 48.48 | 0.57 | 6.27 | 9.09 | 1.29 | 44.03 |
| 1.158 | 11.5  | 48.4  | 0.72 | 6.25 | 8.58 | 1.88 | 43.94 |
| 1.176 | 11.5  | 48.4  | 0.53 | 6.22 | 9.21 | 1.34 | 43.94 |
| 1.189 | 11.5  | 48.37 | 0.46 | 6.2  | 9.02 | 1.21 | 43.9  |
| 1.199 | 11.5  | 48.45 | 0.57 | 6.17 | 9.28 | 1.21 | 43.99 |
| 1.211 | 11.51 | 48.4  | 0.61 | 6.14 | 9.21 | 1.38 | 43.94 |
| 1.216 | 11.5  | 48.37 | 0.65 | 6.11 | 9.25 | 1.32 | 43.9  |
| 1.226 | 11.5  | 48.43 | 0.69 | 6.09 | 9.47 | 1.37 | 43.97 |
| 1.24  | 11.5  | 48.43 | 0.69 | 6.07 | 9.53 | 1.32 | 43.97 |
| 1.252 | 11.5  | 48.37 | 0.69 | 6.05 | 9.45 | 1.21 | 43.91 |
| 1.261 | 11.5  | 48.4  | 0.5  | 6.03 | 9.75 | 1.14 | 43.94 |
| 1.268 | 11.5  | 48.39 | 0.72 | 6.03 | 9.74 | 1.3  | 43.93 |
| 1.28  | 11.5  | 48.45 | 0.99 | 6.04 | 9.97 | 1.42 | 43.99 |
| 1.288 | 11.5  | 48.38 | 1.14 | 6.05 | 9.7  | 1.37 | 43.92 |
| 1.296 | 11.5  | 48.38 | 0.99 | 6.07 | 9.81 | 1.17 | 43.92 |
| 1.311 | 11.5  | 48.45 | 1.07 | 6.08 | 9.95 | 1.43 | 43.99 |
| 1.328 | 11.51 | 48.39 | 1.22 | 6.1  | 9.87 | 1.25 | 43.92 |
| 1.337 | 11.51 | 48.37 | 1.56 | 6.12 | 9.83 | 1.14 | 43.9  |
| 1.344 | 11.51 | 48.43 | 1.18 | 6.13 | 9.91 | 1.13 | 43.97 |
| 1.354 | 11.51 | 48.44 | 1.07 | 6.14 | 9.91 | 1.13 | 43.97 |
| 1.366 | 11.51 | 48.39 | 1.18 | 6.15 | 9.86 | 1.3  | 43.92 |
| 1.378 | 11.51 | 48.39 | 0.99 | 6.15 | 9.87 | 1.25 | 43.92 |
| 1.389 | 11.51 | 48.42 | 0.95 | 6.15 | 9.75 | 1.3  | 43.95 |
| 1.396 | 11.51 | 48.41 | 0.92 | 6.15 | 9.79 | 1.69 | 43.94 |
| 1.4   | 11.51 | 48.39 | 0.84 | 6.14 | 9.72 | 1.5  | 43.93 |
| 1.41  | 11.51 | 48.45 | 0.76 | 6.13 | 9.79 | 1.34 | 43.99 |
| 1.429 | 11.51 | 48.43 | 0.8  | 6.11 | 9.87 | 1.21 | 43.96 |
| 1.45  | 11.51 | 48.39 | 0.61 | 6.1  | 9.68 | 1.17 | 43.92 |
| 1.466 | 11.51 | 48.42 | 0.69 | 6.09 | 9.73 | 1.29 | 43.95 |
| 1.476 | 11.52 | 48.44 | 0.84 | 6.07 | 9.54 | 1.34 | 43.97 |
| 1.484 | 11.52 | 48.46 | 0.95 | 6.07 | 9.72 | 1.27 | 43.98 |
| 1.494 | 11.52 | 48.41 | 0.99 | 6.06 | 9.75 | 1.34 | 43.93 |
| 1.503 | 11.52 | 48.42 | 0.88 | 6.06 | 9.68 | 1.24 | 43.94 |
| 1.523 | 11.52 | 48.5  | 0.72 | 6.06 | 9.78 | 1.18 | 44.03 |
| 1.557 | 11.52 | 48.46 | 0.84 | 6.06 | 9.47 | 1.19 | 43.98 |
| 1.585 | 11.52 | 48.37 | 0.72 | 6.06 | 9.46 | 1.33 | 43.9  |
| 1.601 | 11.51 | 48.47 | 0.69 | 6.07 | 9.48 | 1.26 | 44.0  |
| 1.619 | 11.5  | 48.5  | 0.69 | 6.08 | 9.46 | 1.21 | 44.05 |
| 1.637 | 11.49 | 48.41 | 0.65 | 6.1  | 9.51 | 1.44 | 43.97 |
| 1.65  | 11.49 | 48.4  | 0.84 | 6.12 | 9.49 | 1.28 | 43.95 |
| 1.659 | 11.49 | 48.47 | 0.76 | 6.15 | 9.47 | 1.25 | 44.02 |
| 1.661 | 11.49 | 48.48 | 0.99 | 6.18 | 9.42 | 1.18 | 44.04 |
| 1.665 | 11.49 | 48.46 | 0.84 | 6.22 | 9.3  | 1.23 | 44.02 |
| 1.683 | 11.49 | 48.49 | 0.92 | 6.26 | 9.38 | 1.17 | 44.05 |
| 1.714 | 11.49 | 48.49 | 1.22 | 6.3  | 9.31 | 1.27 | 44.05 |
| 1.744 | 11.49 | 48.46 | 0.8  | 6.34 | 9.36 | 1.17 | 44.02 |
| 1.768 | 11.5  | 48.48 | 0.95 | 6.36 | 9.35 | 1.18 | 44.04 |
| 1.776 | 11.5  | 48.5  | 0.92 | 6.4  | 9.25 | 1.21 | 44.04 |
| 1.779 | 11.51 | 48.52 | 0.61 | 6.4  | 9.41 | 1.22 | 44.06 |
| 1.787 | 11.51 | 48.45 | 0.61 | 6.4  | 9.22 | 1.25 | 43.98 |
| 1.802 | 11.52 | 48.49 | 0.69 | 6.39 | 9.38 | 1.32 | 44.01 |
| 1.823 | 11.52 | 48.51 | 0.72 | 6.38 | 9.31 | 1.18 | 44.04 |
| 1.845 | 11.52 | 48.48 | 0.72 | 6.37 | 9.28 | 1.2  | 44.0  |
| 1.868 | 11.52 | 48.5  | 0.69 | 6.35 | 9.27 | 1.3  | 44.02 |
| 1.89  | 11.52 | 48.52 | 0.76 | 6.34 | 9.22 | 1.34 | 44.04 |

|       |       |       |      |      |      |      |       |
|-------|-------|-------|------|------|------|------|-------|
| 1.911 | 11.53 | 48.52 | 0.72 | 6.32 | 9.17 | 1.22 | 44.03 |
| 1.926 | 11.53 | 48.47 | 0.72 | 6.3  | 9.18 | 1.19 | 43.98 |
| 1.929 | 11.53 | 48.5  | 0.57 | 6.28 | 9.17 | 1.18 | 44.01 |
| 1.932 | 11.53 | 48.56 | 0.88 | 6.24 | 9.24 | 1.24 | 44.07 |
| 1.939 | 11.54 | 48.51 | 0.76 | 6.22 | 9.27 | 1.37 | 44.01 |
| 1.952 | 11.54 | 48.47 | 0.76 | 6.18 | 9.14 | 1.24 | 43.97 |
| 1.978 | 11.54 | 48.57 | 0.72 | 6.14 | 9.18 | 1.2  | 44.07 |
| 2.009 | 11.54 | 48.51 | 0.69 | 6.12 | 9.05 | 1.2  | 44.0  |
| 2.03  | 11.55 | 48.46 | 0.72 | 6.09 | 9.05 | 1.24 | 43.95 |
| 2.046 | 11.54 | 48.58 | 0.76 | 6.06 | 9.12 | 1.26 | 44.08 |
| 2.057 | 11.53 | 48.5  | 0.69 | 6.05 | 9.05 | 1.22 | 44.01 |
| 2.066 | 11.53 | 48.5  | 0.69 | 6.04 | 9.17 | 1.22 | 44.0  |
| 2.085 | 11.54 | 48.56 | 0.8  | 6.03 | 9.1  | 1.37 | 44.07 |
| 2.111 | 11.54 | 48.52 | 0.65 | 6.05 | 9.0  | 1.27 | 44.02 |
| 2.136 | 11.54 | 48.48 | 0.72 | 6.09 | 9.02 | 1.2  | 43.98 |
| 2.149 | 11.54 | 48.53 | 0.69 | 6.13 | 8.94 | 1.24 | 44.03 |
| 2.162 | 11.54 | 48.6  | 0.57 | 6.19 | 8.99 | 1.17 | 44.11 |
| 2.19  | 11.54 | 48.55 | 0.76 | 6.26 | 9.06 | 1.39 | 44.05 |
| 2.218 | 11.54 | 48.46 | 0.61 | 6.32 | 8.86 | 1.31 | 43.95 |
| 2.241 | 11.54 | 48.57 | 0.65 | 6.37 | 8.96 | 1.33 | 44.07 |
| 2.262 | 11.53 | 48.56 | 0.65 | 6.43 | 8.83 | 1.25 | 44.07 |
| 2.279 | 11.53 | 48.49 | 0.65 | 6.48 | 8.83 | 1.24 | 44.0  |
| 2.294 | 11.53 | 48.55 | 0.8  | 6.51 | 8.82 | 1.3  | 44.06 |
| 2.311 | 11.52 | 48.59 | 0.72 | 6.54 | 8.92 | 1.21 | 44.11 |
| 2.331 | 11.52 | 48.51 | 0.61 | 6.57 | 8.88 | 1.17 | 44.03 |
| 2.35  | 11.53 | 48.54 | 0.92 | 6.6  | 8.83 | 1.12 | 44.05 |
| 2.375 | 11.53 | 48.6  | 0.61 | 6.62 | 8.88 | 1.14 | 44.11 |
| 2.397 | 11.53 | 48.5  | 0.76 | 6.65 | 8.77 | 1.14 | 44.01 |
| 2.419 | 11.54 | 48.56 | 0.72 | 6.69 | 8.84 | 1.2  | 44.06 |
| 2.452 | 11.53 | 48.6  | 0.61 | 6.73 | 8.9  | 1.3  | 44.11 |
| 2.474 | 11.54 | 48.51 | 0.72 | 6.78 | 8.77 | 1.22 | 44.01 |
| 2.502 | 11.54 | 48.59 | 0.88 | 6.83 | 8.76 | 1.3  | 44.09 |
| 2.553 | 11.54 | 48.6  | 0.76 | 6.89 | 8.7  | 1.31 | 44.11 |
| 2.592 | 11.55 | 48.49 | 0.61 | 6.95 | 8.75 | 1.3  | 43.98 |
| 2.608 | 11.54 | 48.56 | 0.76 | 7.02 | 8.8  | 1.26 | 44.06 |
| 2.612 | 11.51 | 48.55 | 0.95 | 7.19 | 8.82 | 1.23 | 44.09 |
| 2.621 | 11.52 | 48.57 | 0.8  | 7.27 | 8.8  | 1.12 | 44.1  |
| 2.636 | 11.52 | 48.6  | 0.8  | 7.34 | 8.88 | 1.27 | 44.12 |
| 2.645 | 11.53 | 48.53 | 0.65 | 7.39 | 8.77 | 1.3  | 44.04 |
| 2.648 | 11.53 | 48.59 | 0.72 | 7.42 | 8.85 | 1.15 | 44.1  |
| 2.652 | 11.53 | 48.6  | 0.8  | 7.41 | 8.77 | 1.43 | 44.12 |
| 2.672 | 11.53 | 48.56 | 0.8  | 7.38 | 8.98 | 1.36 | 44.08 |
| 2.71  | 11.53 | 48.54 | 0.65 | 7.33 | 8.88 | 1.33 | 44.06 |
| 2.735 | 11.53 | 48.55 | 0.95 | 7.27 | 8.83 | 1.27 | 44.06 |
| 2.762 | 11.53 | 48.63 | 0.88 | 7.2  | 8.86 | 1.36 | 44.14 |
| 2.798 | 11.54 | 48.57 | 0.76 | 7.13 | 8.85 | 1.33 | 44.08 |
| 2.825 | 11.55 | 48.54 | 0.69 | 7.07 | 8.85 | 1.43 | 44.02 |
| 2.844 | 11.55 | 48.62 | 0.76 | 7.01 | 8.88 | 1.27 | 44.11 |
| 2.864 | 11.55 | 48.62 | 0.76 | 6.97 | 8.76 | 1.26 | 44.11 |
| 2.89  | 11.55 | 48.57 | 0.99 | 6.94 | 8.84 | 1.23 | 44.05 |
| 2.92  | 11.56 | 48.6  | 0.88 | 6.92 | 8.88 | 1.27 | 44.07 |
| 2.946 | 11.56 | 48.61 | 0.88 | 6.92 | 8.87 | 1.27 | 44.09 |
| 2.968 | 11.56 | 48.61 | 0.88 | 6.92 | 8.88 | 1.25 | 44.08 |
| 2.988 | 11.56 | 48.57 | 0.69 | 6.93 | 8.8  | 1.22 | 44.05 |
| 3.017 | 11.56 | 48.62 | 0.8  | 6.94 | 8.86 | 1.4  | 44.1  |
| 3.056 | 11.56 | 48.63 | 0.76 | 6.94 | 8.84 | 1.38 | 44.11 |
| 3.088 | 11.57 | 48.58 | 0.76 | 6.95 | 8.77 | 1.27 | 44.04 |
| 3.112 | 11.58 | 48.64 | 0.8  | 6.94 | 8.79 | 1.36 | 44.1  |

|       |       |       |      |      |      |      |       |
|-------|-------|-------|------|------|------|------|-------|
| 3.139 | 11.59 | 48.67 | 0.69 | 6.93 | 8.75 | 1.4  | 44.11 |
| 3.175 | 11.59 | 48.6  | 0.76 | 6.92 | 8.81 | 1.33 | 44.04 |
| 3.212 | 11.59 | 48.62 | 0.72 | 6.9  | 8.82 | 1.27 | 44.06 |
| 3.236 | 11.6  | 48.67 | 0.72 | 6.88 | 8.82 | 1.47 | 44.1  |
| 3.257 | 11.6  | 48.68 | 0.95 | 6.86 | 8.72 | 1.27 | 44.11 |
| 3.289 | 11.6  | 48.69 | 0.8  | 6.84 | 8.77 | 1.26 | 44.12 |
| 3.323 | 11.61 | 48.64 | 0.88 | 6.83 | 8.78 | 1.3  | 44.06 |
| 3.349 | 11.61 | 48.63 | 0.69 | 6.81 | 8.75 | 1.33 | 44.05 |
| 3.374 | 11.61 | 48.7  | 0.99 | 6.81 | 8.76 | 1.38 | 44.12 |
| 3.401 | 11.61 | 48.69 | 0.95 | 6.8  | 8.76 | 1.36 | 44.11 |
| 3.423 | 11.61 | 48.62 | 0.84 | 6.78 | 8.82 | 1.5  | 44.04 |
| 3.436 | 11.61 | 48.68 | 1.14 | 6.75 | 8.76 | 1.52 | 44.1  |
| 3.45  | 11.61 | 48.72 | 1.22 | 6.71 | 8.75 | 1.43 | 44.14 |
| 3.477 | 11.61 | 48.67 | 1.41 | 6.68 | 8.79 | 1.47 | 44.09 |
| 3.503 | 11.61 | 48.62 | 0.92 | 6.64 | 8.82 | 1.4  | 44.04 |
| 3.51  | 11.59 | 48.62 | 0.95 | 6.48 | 8.8  | 1.63 | 44.05 |
| 3.511 | 11.59 | 48.67 | 0.95 | 6.45 | 8.81 | 1.65 | 44.11 |
| 3.517 | 11.59 | 48.71 | 1.07 | 6.42 | 8.84 | 1.55 | 44.16 |
| 3.532 | 11.58 | 48.67 | 0.92 | 6.4  | 8.83 | 1.61 | 44.12 |
| 3.56  | 11.58 | 48.65 | 0.99 | 6.4  | 8.78 | 1.75 | 44.1  |
| 3.593 | 11.58 | 48.72 | 0.95 | 6.39 | 8.79 | 1.67 | 44.17 |
| 3.62  | 11.58 | 48.65 | 1.11 | 6.39 | 8.75 | 1.72 | 44.11 |
| 3.637 | 11.58 | 48.65 | 1.07 | 6.38 | 8.8  | 1.61 | 44.1  |
| 3.672 | 11.58 | 48.75 | 0.99 | 6.37 | 8.79 | 1.84 | 44.21 |
| 3.717 | 11.58 | 48.66 | 0.92 | 6.37 | 8.7  | 1.66 | 44.12 |
| 3.757 | 11.58 | 48.65 | 1.22 | 6.38 | 8.72 | 1.68 | 44.1  |
| 3.799 | 11.57 | 48.73 | 1.3  | 6.39 | 8.76 | 1.79 | 44.19 |
| 3.839 | 11.57 | 48.69 | 1.45 | 6.43 | 8.72 | 1.81 | 44.16 |
| 3.865 | 11.58 | 48.64 | 1.64 | 6.49 | 8.71 | 1.73 | 44.1  |
| 3.883 | 11.57 | 48.71 | 1.72 | 6.57 | 8.71 | 1.75 | 44.18 |
| 3.916 | 11.56 | 48.75 | 1.98 | 6.67 | 8.7  | 1.83 | 44.23 |
| 3.966 | 11.57 | 48.67 | 1.79 | 6.77 | 8.73 | 1.74 | 44.13 |
| 4.012 | 11.59 | 48.69 | 2.21 | 6.88 | 8.66 | 1.89 | 44.13 |
| 4.047 | 11.58 | 48.74 | 2.48 | 6.99 | 8.73 | 1.79 | 44.2  |
| 4.075 | 11.57 | 48.72 | 2.67 | 7.09 | 8.65 | 1.69 | 44.18 |
| 4.095 | 11.58 | 48.7  | 2.78 | 7.19 | 8.6  | 1.82 | 44.15 |
| 4.124 | 11.59 | 48.75 | 2.82 | 7.25 | 8.57 | 1.8  | 44.19 |
| 4.165 | 11.6  | 48.71 | 2.94 | 7.29 | 8.47 | 1.72 | 44.15 |
| 4.203 | 11.6  | 48.72 | 3.59 | 7.3  | 8.41 | 1.77 | 44.15 |
| 4.237 | 11.61 | 48.74 | 4.0  | 7.28 | 8.35 | 1.75 | 44.16 |
| 4.268 | 11.61 | 48.72 | 4.39 | 7.23 | 8.29 | 1.72 | 44.14 |
| 4.293 | 11.61 | 48.71 | 4.27 | 7.16 | 8.24 | 1.75 | 44.13 |
| 4.319 | 11.61 | 48.77 | 4.27 | 7.07 | 8.17 | 1.82 | 44.19 |
| 4.35  | 11.61 | 48.75 | 4.35 | 6.97 | 8.08 | 1.79 | 44.17 |
| 4.391 | 11.62 | 48.72 | 4.39 | 6.87 | 8.0  | 1.8  | 44.12 |
| 4.428 | 11.63 | 48.72 | 4.5  | 6.79 | 7.92 | 1.84 | 44.11 |
| 4.465 | 11.64 | 48.75 | 4.69 | 6.71 | 7.84 | 1.9  | 44.13 |
| 4.504 | 11.64 | 48.76 | 4.73 | 6.65 | 7.75 | 1.82 | 44.14 |
| 4.54  | 11.64 | 48.76 | 4.88 | 6.61 | 7.68 | 1.82 | 44.13 |
| 4.57  | 11.64 | 48.75 | 4.92 | 6.59 | 7.61 | 1.82 | 44.13 |
| 4.595 | 11.64 | 48.76 | 4.65 | 6.58 | 7.54 | 1.85 | 44.14 |
| 4.614 | 11.65 | 48.76 | 4.27 | 6.58 | 7.5  | 1.79 | 44.14 |
| 4.631 | 11.65 | 48.76 | 4.23 | 6.6  | 7.39 | 1.98 | 44.13 |
| 4.64  | 11.66 | 48.77 | 4.46 | 6.62 | 7.36 | 1.95 | 44.14 |
| 4.643 | 11.66 | 48.78 | 4.73 | 6.63 | 7.36 | 1.85 | 44.14 |
| 4.646 | 11.66 | 48.78 | 5.23 | 6.65 | 7.37 | 1.83 | 44.14 |



| 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                                                                       | 10.81      | 47.28               | 0.31           | 5.79           | 10.37                       | 0.92              | 43.33           |
| PROF (metros)                                                                | 0.714      | 0.953               | 6.158          | 1.158          | 6.106                       | 5.534             | 1.128           |
| MÁXIMO                                                                       | 11.7       | 11.7                | 1.26           | 8.1            | 21.74                       | 2.33              | 44.39           |
| PROF (metros)                                                                | 5.715      | 5.762               | 2.59           | 5.24           | 0.752                       | 3.304             | 1.158           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N02 - Punto 002                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 10.92      | 47.32               | 0.56           | 6.53           | 20.83                       | 1.65              | 43.53           |
| 1 - 2m                                                     | 11.36      | 48.0                | 0.58           | 6.72           | 18.62                       | 1.71              | 43.71           |
| 2 - 3m                                                     | 11.57      | 48.27               | 0.77           | 6.55           | 15.67                       | 1.76              | 43.72           |
| 3 - 4m                                                     | 11.58      | 48.43               | 0.57           | 6.56           | 14.41                       | 1.8               | 43.87           |
| 4 - 5m                                                     | 11.61      | 48.72               | 0.51           | 6.8            | 12.9                        | 1.41              | 44.14           |
| 5 - 6m                                                     | 11.68      | 49.0                | 0.5            | 7.93           | 11.43                       | 1.1               | 44.33           |
| 6 - 7m                                                     | 11.7       | 49.02               | 0.4            | 7.96           | 10.41                       | 1.0               | 44.34           |

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

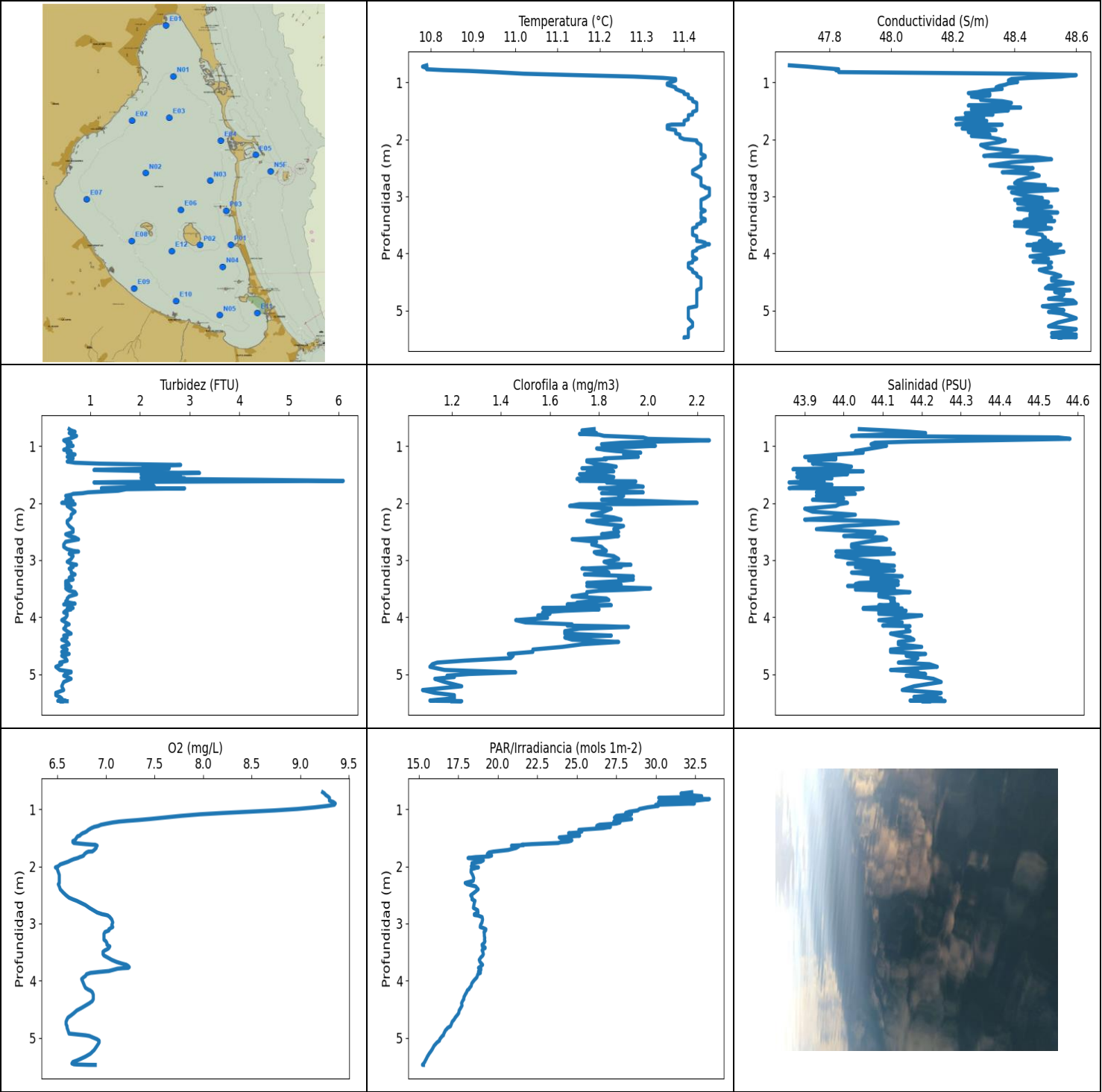
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.714                                                          | 10.81      | 47.33               | 0.76           | 6.98           | 20.76                       | 1.61              | 43.66           |
| 0.727                                                          | 10.82      | 47.31               | 0.61           | 6.93           | 21.21                       | 1.63              | 43.64           |
| 0.741                                                          | 10.82      | 47.33               | 0.65           | 6.86           | 21.59                       | 1.53              | 43.66           |
| 0.752                                                          | 10.83      | 47.32               | 0.57           | 6.79           | 21.74                       | 1.67              | 43.63           |
| 0.76                                                           | 10.84      | 47.32               | 0.61           | 6.73           | 21.41                       | 1.59              | 43.62           |
| 0.776                                                          | 10.85      | 47.35               | 0.5            | 6.68           | 21.05                       | 1.56              | 43.64           |
| 0.793                                                          | 10.87      | 47.34               | 0.5            | 6.63           | 21.7                        | 1.57              | 43.61           |
| 0.817                                                          | 10.89      | 47.36               | 0.53           | 6.57           | 21.35                       | 1.65              | 43.6            |
| 0.832                                                          | 10.92      | 47.31               | 0.46           | 6.53           | 20.7                        | 1.69              | 43.51           |
| 0.842                                                          | 10.96      | 47.31               | 0.46           | 6.48           | 20.41                       | 1.63              | 43.47           |
| 0.857                                                          | 10.98      | 47.31               | 0.61           | 6.44           | 20.94                       | 1.69              | 43.44           |
| 0.88                                                           | 10.99      | 47.36               | 0.61           | 6.4            | 20.57                       | 1.83              | 43.49           |
| 0.903                                                          | 10.99      | 47.34               | 0.61           | 6.36           | 19.52                       | 1.63              | 43.46           |
| 0.918                                                          | 11.0       | 47.3                | 0.38           | 6.32           | 20.76                       | 1.66              | 43.41           |
| 0.937                                                          | 10.99      | 47.29               | 0.53           | 6.27           | 20.65                       | 1.66              | 43.4            |
| 0.953                                                          | 11.0       | 47.28               | 0.57           | 6.25           | 19.7                        | 1.85              | 43.38           |
| 0.972                                                          | 11.0       | 47.3                | 0.61           | 6.22           | 20.3                        | 1.68              | 43.41           |
| 0.996                                                          | 11.0       | 47.32               | 0.57           | 6.18           | 20.53                       | 1.57              | 43.42           |
| 1.016                                                          | 11.0       | 47.31               | 0.57           | 6.14           | 20.11                       | 1.62              | 43.41           |
| 1.04                                                           | 11.0       | 47.34               | 0.5            | 6.11           | 19.84                       | 1.74              | 43.45           |
| 1.057                                                          | 11.01      | 47.3                | 0.57           | 6.08           | 20.36                       | 1.69              | 43.4            |
| 1.069                                                          | 11.02      | 47.29               | 0.61           | 6.04           | 19.68                       | 1.81              | 43.38           |
| 1.08                                                           | 11.03      | 47.29               | 0.46           | 6.01           | 19.65                       | 1.65              | 43.36           |
| 1.091                                                          | 11.04      | 47.33               | 0.53           | 5.98           | 20.21                       | 1.63              | 43.38           |
| 1.101                                                          | 11.06      | 47.33               | 0.57           | 5.96           | 19.59                       | 1.57              | 43.37           |
| 1.105                                                          | 11.06      | 47.32               | 0.46           | 5.94           | 19.31                       | 1.67              | 43.35           |
| 1.113                                                          | 11.06      | 47.35               | 0.65           | 5.92           | 19.54                       | 1.75              | 43.39           |
| 1.122                                                          | 11.07      | 47.33               | 0.57           | 5.89           | 19.68                       | 1.69              | 43.35           |
| 1.128                                                          | 11.08      | 47.33               | 0.53           | 5.88           | 19.45                       | 1.88              | 43.33           |
| 1.14                                                           | 11.1       | 48.25               | 0.61           | 5.83           | 19.65                       | 1.8               | 44.27           |
| 1.158                                                          | 11.24      | 48.53               | 0.61           | 5.79           | 19.34                       | 1.8               | 44.39           |
| 1.181                                                          | 11.41      | 48.43               | 0.65           | 5.79           | 18.98                       | 1.67              | 44.09           |
| 1.198                                                          | 11.49      | 48.31               | 0.65           | 5.84           | 19.52                       | 1.77              | 43.87           |
| 1.213                                                          | 11.52      | 48.38               | 0.53           | 6.03           | 19.51                       | 1.87              | 43.9            |
| 1.232                                                          | 11.52      | 48.34               | 0.5            | 6.31           | 19.18                       | 1.74              | 43.86           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.254 | 11.53 | 48.27 | 0.61 | 6.65 | 19.0  | 1.63 | 43.77 |
| 1.271 | 11.54 | 48.25 | 0.46 | 7.02 | 19.22 | 1.62 | 43.74 |
| 1.286 | 11.53 | 48.34 | 0.53 | 7.35 | 19.09 | 1.71 | 43.84 |
| 1.308 | 11.52 | 48.26 | 0.53 | 7.65 | 18.69 | 1.69 | 43.77 |
| 1.324 | 11.52 | 48.19 | 0.57 | 7.86 | 18.98 | 1.61 | 43.71 |
| 1.331 | 11.51 | 48.27 | 0.61 | 7.97 | 19.05 | 1.81 | 43.8  |
| 1.347 | 11.48 | 48.29 | 0.53 | 7.98 | 18.64 | 2.01 | 43.86 |
| 1.384 | 11.49 | 48.2  | 0.53 | 7.92 | 18.33 | 1.96 | 43.76 |
| 1.42  | 11.5  | 48.17 | 0.61 | 7.83 | 18.5  | 1.68 | 43.72 |
| 1.448 | 11.47 | 48.26 | 0.53 | 7.71 | 18.06 | 1.79 | 43.83 |
| 1.474 | 11.46 | 48.22 | 0.57 | 7.6  | 18.1  | 1.69 | 43.81 |
| 1.492 | 11.46 | 48.17 | 0.46 | 7.48 | 18.32 | 1.61 | 43.75 |
| 1.498 | 11.47 | 48.2  | 0.53 | 7.37 | 17.8  | 1.63 | 43.78 |
| 1.499 | 11.41 | 48.13 | 0.53 | 7.03 | 17.94 | 1.85 | 43.77 |
| 1.514 | 11.41 | 48.15 | 0.46 | 7.0  | 18.16 | 1.73 | 43.79 |
| 1.55  | 11.42 | 48.17 | 0.57 | 6.96 | 18.42 | 1.65 | 43.8  |
| 1.592 | 11.43 | 48.11 | 0.61 | 6.93 | 18.12 | 1.77 | 43.73 |
| 1.624 | 11.44 | 48.14 | 0.57 | 6.89 | 18.03 | 1.74 | 43.75 |
| 1.646 | 11.44 | 48.21 | 0.53 | 6.84 | 17.68 | 1.53 | 43.82 |
| 1.669 | 11.44 | 48.14 | 0.95 | 6.8  | 17.39 | 1.48 | 43.75 |
| 1.703 | 11.45 | 48.12 | 0.88 | 6.77 | 17.49 | 1.54 | 43.72 |
| 1.741 | 11.47 | 48.2  | 0.84 | 6.73 | 17.45 | 1.55 | 43.77 |
| 1.778 | 11.49 | 48.18 | 0.72 | 6.71 | 17.09 | 1.59 | 43.74 |
| 1.81  | 11.5  | 48.12 | 0.53 | 6.71 | 16.86 | 1.65 | 43.66 |
| 1.852 | 11.51 | 48.24 | 0.69 | 6.71 | 16.6  | 1.85 | 43.77 |
| 1.909 | 11.52 | 48.25 | 0.53 | 6.71 | 16.45 | 1.92 | 43.77 |
| 1.965 | 11.54 | 48.13 | 0.57 | 6.72 | 16.3  | 1.81 | 43.62 |
| 2.008 | 11.54 | 48.23 | 0.69 | 6.72 | 16.13 | 1.65 | 43.73 |
| 2.04  | 11.5  | 48.3  | 0.8  | 6.72 | 16.16 | 1.56 | 43.84 |
| 2.07  | 11.51 | 48.21 | 0.84 | 6.74 | 16.15 | 1.53 | 43.74 |
| 2.101 | 11.52 | 48.19 | 0.65 | 6.76 | 16.06 | 2.2  | 43.7  |
| 2.128 | 11.54 | 48.22 | 0.61 | 6.79 | 15.96 | 1.75 | 43.71 |
| 2.148 | 11.55 | 48.27 | 0.8  | 6.82 | 15.98 | 1.54 | 43.76 |
| 2.165 | 11.56 | 48.22 | 0.57 | 6.85 | 16.03 | 1.65 | 43.69 |
| 2.171 | 11.54 | 48.26 | 0.61 | 6.83 | 16.16 | 1.73 | 43.76 |
| 2.181 | 11.54 | 48.22 | 0.88 | 6.79 | 16.08 | 1.54 | 43.71 |
| 2.205 | 11.55 | 48.19 | 0.95 | 6.73 | 15.84 | 1.61 | 43.68 |
| 2.241 | 11.56 | 48.23 | 0.99 | 6.65 | 15.99 | 1.6  | 43.7  |
| 2.276 | 11.57 | 48.23 | 0.84 | 6.59 | 16.06 | 1.54 | 43.68 |
| 2.308 | 11.58 | 48.21 | 0.72 | 6.52 | 15.85 | 1.63 | 43.65 |
| 2.338 | 11.59 | 48.31 | 0.99 | 6.46 | 15.73 | 1.93 | 43.74 |
| 2.375 | 11.6  | 48.26 | 0.84 | 6.42 | 15.67 | 2.01 | 43.67 |
| 2.411 | 11.61 | 48.18 | 0.69 | 6.39 | 15.72 | 1.85 | 43.59 |
| 2.439 | 11.62 | 48.2  | 1.18 | 6.35 | 15.68 | 1.72 | 43.6  |
| 2.459 | 11.62 | 48.33 | 0.8  | 6.32 | 15.59 | 1.85 | 43.73 |
| 2.474 | 11.61 | 48.25 | 0.69 | 6.31 | 15.79 | 1.56 | 43.66 |
| 2.481 | 11.61 | 48.21 | 0.61 | 6.3  | 15.66 | 1.96 | 43.62 |
| 2.504 | 11.6  | 48.38 | 0.84 | 6.27 | 15.52 | 2.27 | 43.8  |
| 2.548 | 11.59 | 48.32 | 0.69 | 6.28 | 15.52 | 1.78 | 43.76 |
| 2.59  | 11.59 | 48.2  | 1.26 | 6.28 | 15.62 | 1.85 | 43.63 |
| 2.627 | 11.58 | 48.33 | 0.76 | 6.29 | 15.46 | 1.8  | 43.77 |
| 2.662 | 11.57 | 48.38 | 0.72 | 6.32 | 15.43 | 1.82 | 43.85 |
| 2.694 | 11.56 | 48.26 | 0.92 | 6.36 | 15.48 | 1.69 | 43.72 |
| 2.723 | 11.57 | 48.31 | 0.84 | 6.42 | 15.34 | 1.54 | 43.76 |
| 2.751 | 11.58 | 48.37 | 0.53 | 6.48 | 15.34 | 2.06 | 43.81 |
| 2.778 | 11.59 | 48.29 | 0.61 | 6.55 | 15.38 | 1.85 | 43.72 |
| 2.807 | 11.59 | 48.3  | 0.61 | 6.61 | 15.3  | 1.74 | 43.74 |
| 2.84  | 11.59 | 48.4  | 0.61 | 6.65 | 15.23 | 1.62 | 43.83 |



|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.877 | 11.59 | 48.38 | 0.72 | 6.67 | 15.17 | 1.85 | 43.81 |
| 2.923 | 11.6  | 48.35 | 0.72 | 6.69 | 15.19 | 1.79 | 43.77 |
| 2.968 | 11.6  | 48.29 | 0.69 | 6.69 | 15.14 | 1.98 | 43.72 |
| 2.992 | 11.6  | 48.26 | 0.61 | 6.68 | 15.05 | 1.72 | 43.68 |
| 3.01  | 11.6  | 48.4  | 0.72 | 6.66 | 15.03 | 1.67 | 43.83 |
| 3.043 | 11.6  | 48.47 | 0.57 | 6.65 | 15.08 | 1.86 | 43.89 |
| 3.086 | 11.6  | 48.27 | 0.88 | 6.64 | 15.01 | 1.8  | 43.69 |
| 3.123 | 11.59 | 48.35 | 0.57 | 6.61 | 14.88 | 1.65 | 43.78 |
| 3.163 | 11.58 | 48.48 | 0.76 | 6.59 | 14.85 | 1.82 | 43.93 |
| 3.21  | 11.57 | 48.41 | 0.57 | 6.58 | 14.78 | 2.04 | 43.87 |
| 3.259 | 11.57 | 48.31 | 0.57 | 6.57 | 14.72 | 1.91 | 43.77 |
| 3.304 | 11.57 | 48.4  | 0.53 | 6.55 | 14.75 | 2.33 | 43.87 |
| 3.346 | 11.55 | 48.47 | 0.61 | 6.54 | 14.66 | 1.94 | 43.96 |
| 3.386 | 11.55 | 48.36 | 0.5  | 6.54 | 14.56 | 1.82 | 43.84 |
| 3.423 | 11.56 | 48.38 | 0.61 | 6.55 | 14.53 | 1.66 | 43.85 |
| 3.459 | 11.56 | 48.47 | 0.46 | 6.56 | 14.48 | 1.66 | 43.94 |
| 3.498 | 11.57 | 48.49 | 0.46 | 6.58 | 14.39 | 1.91 | 43.96 |
| 3.55  | 11.57 | 48.48 | 0.57 | 6.59 | 14.31 | 1.91 | 43.94 |
| 3.598 | 11.58 | 48.39 | 0.53 | 6.61 | 14.35 | 1.72 | 43.84 |
| 3.638 | 11.59 | 48.43 | 0.5  | 6.62 | 14.22 | 1.77 | 43.86 |
| 3.679 | 11.59 | 48.49 | 0.65 | 6.63 | 14.13 | 1.66 | 43.92 |
| 3.715 | 11.59 | 48.43 | 0.42 | 6.63 | 14.17 | 1.65 | 43.87 |
| 3.75  | 11.59 | 48.44 | 0.5  | 6.62 | 14.12 | 1.85 | 43.88 |
| 3.771 | 11.59 | 48.41 | 0.57 | 6.61 | 14.08 | 1.63 | 43.85 |
| 3.776 | 11.6  | 48.39 | 0.53 | 6.52 | 14.14 | 1.6  | 43.81 |
| 3.781 | 11.6  | 48.46 | 0.5  | 6.49 | 14.12 | 1.71 | 43.88 |
| 3.797 | 11.59 | 48.52 | 0.5  | 6.47 | 14.1  | 2.2  | 43.96 |
| 3.836 | 11.59 | 48.5  | 0.5  | 6.45 | 14.0  | 1.83 | 43.93 |
| 3.886 | 11.59 | 48.44 | 0.61 | 6.44 | 13.91 | 1.63 | 43.87 |
| 3.937 | 11.59 | 48.45 | 0.53 | 6.42 | 13.86 | 1.85 | 43.88 |
| 3.987 | 11.59 | 48.52 | 0.53 | 6.41 | 13.8  | 1.47 | 43.95 |
| 4.023 | 11.6  | 48.43 | 0.57 | 6.4  | 13.69 | 1.4  | 43.85 |
| 4.044 | 11.6  | 48.46 | 0.57 | 6.38 | 13.68 | 1.59 | 43.88 |
| 4.077 | 11.6  | 48.59 | 0.46 | 6.36 | 13.57 | 1.72 | 44.02 |
| 4.116 | 11.6  | 48.43 | 0.53 | 6.34 | 13.55 | 1.48 | 43.86 |
| 4.154 | 11.6  | 48.47 | 0.61 | 6.32 | 13.51 | 1.51 | 43.89 |
| 4.181 | 11.59 | 48.51 | 0.61 | 6.29 | 13.48 | 1.43 | 43.95 |
| 4.215 | 11.58 | 48.56 | 0.42 | 6.29 | 13.38 | 1.5  | 44.01 |
| 4.251 | 11.58 | 48.51 | 0.46 | 6.3  | 13.34 | 2.03 | 43.97 |
| 4.272 | 11.58 | 48.45 | 0.5  | 6.33 | 13.32 | 1.5  | 43.9  |
| 4.288 | 11.57 | 48.63 | 0.57 | 6.37 | 13.23 | 1.39 | 44.09 |
| 4.336 | 11.57 | 48.63 | 0.5  | 6.44 | 13.11 | 1.6  | 44.1  |
| 4.403 | 11.57 | 48.54 | 0.42 | 6.49 | 13.04 | 1.75 | 44.0  |
| 4.481 | 11.58 | 48.66 | 0.5  | 6.55 | 12.92 | 1.52 | 44.11 |
| 4.556 | 11.59 | 48.7  | 0.46 | 6.62 | 12.77 | 1.42 | 44.14 |
| 4.608 | 11.6  | 48.61 | 0.65 | 6.7  | 12.71 | 1.3  | 44.05 |
| 4.624 | 11.6  | 48.78 | 0.46 | 6.82 | 12.76 | 1.25 | 44.21 |
| 4.629 | 11.61 | 48.79 | 0.46 | 6.88 | 12.76 | 1.32 | 44.21 |
| 4.653 | 11.61 | 48.81 | 0.53 | 6.91 | 12.75 | 1.32 | 44.23 |
| 4.674 | 11.61 | 48.75 | 0.53 | 6.94 | 12.72 | 1.3  | 44.17 |
| 4.687 | 11.61 | 48.84 | 0.5  | 6.94 | 12.69 | 1.27 | 44.26 |
| 4.698 | 11.62 | 48.85 | 0.57 | 6.93 | 12.66 | 1.16 | 44.26 |
| 4.705 | 11.62 | 48.85 | 0.42 | 6.93 | 12.67 | 1.17 | 44.26 |
| 4.72  | 11.62 | 48.86 | 0.53 | 6.93 | 12.7  | 1.36 | 44.27 |
| 4.737 | 11.62 | 48.86 | 0.42 | 6.95 | 12.67 | 1.34 | 44.27 |
| 4.748 | 11.62 | 48.86 | 0.5  | 6.99 | 12.64 | 1.3  | 44.27 |
| 4.755 | 11.62 | 48.87 | 0.57 | 7.04 | 12.62 | 1.35 | 44.28 |
| 4.763 | 11.62 | 48.88 | 0.46 | 7.1  | 12.63 | 1.5  | 44.28 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.783 | 11.63 | 48.88 | 0.53 | 7.16 | 12.56 | 1.36 | 44.29 |
| 4.813 | 11.63 | 48.89 | 0.53 | 7.24 | 12.54 | 1.33 | 44.29 |
| 4.829 | 11.63 | 48.89 | 0.42 | 7.29 | 12.52 | 1.14 | 44.29 |
| 4.843 | 11.63 | 48.9  | 0.53 | 7.36 | 12.46 | 1.16 | 44.3  |
| 4.879 | 11.63 | 48.9  | 0.53 | 7.44 | 12.31 | 1.39 | 44.3  |
| 4.926 | 11.64 | 48.91 | 0.53 | 7.52 | 12.26 | 1.37 | 44.3  |
| 4.968 | 11.64 | 48.91 | 0.42 | 7.61 | 12.22 | 1.34 | 44.3  |
| 5.002 | 11.64 | 48.92 | 0.53 | 7.69 | 12.16 | 1.36 | 44.31 |
| 5.027 | 11.65 | 48.94 | 0.57 | 7.77 | 12.12 | 1.31 | 44.32 |
| 5.042 | 11.66 | 48.96 | 0.69 | 7.84 | 12.11 | 1.15 | 44.33 |
| 5.044 | 11.67 | 48.96 | 0.5  | 7.93 | 12.09 | 1.31 | 44.32 |
| 5.05  | 11.67 | 48.97 | 0.53 | 7.96 | 12.07 | 1.21 | 44.32 |
| 5.06  | 11.67 | 48.97 | 0.5  | 7.98 | 12.05 | 1.17 | 44.32 |
| 5.078 | 11.67 | 48.97 | 0.46 | 8.0  | 11.97 | 1.1  | 44.32 |
| 5.112 | 11.68 | 48.97 | 0.53 | 8.02 | 11.93 | 1.07 | 44.32 |
| 5.159 | 11.68 | 48.98 | 0.5  | 8.05 | 11.83 | 1.07 | 44.32 |
| 5.203 | 11.68 | 48.99 | 0.5  | 8.07 | 11.79 | 1.1  | 44.33 |
| 5.226 | 11.68 | 48.99 | 0.53 | 8.08 | 11.76 | 1.08 | 44.33 |
| 5.24  | 11.69 | 49.0  | 0.61 | 8.1  | 11.7  | 1.17 | 44.33 |
| 5.284 | 11.69 | 49.0  | 0.42 | 8.09 | 11.59 | 1.21 | 44.33 |
| 5.355 | 11.69 | 49.0  | 0.61 | 8.07 | 11.46 | 1.2  | 44.33 |
| 5.418 | 11.69 | 49.0  | 0.38 | 8.04 | 11.42 | 1.18 | 44.33 |
| 5.461 | 11.69 | 49.01 | 0.46 | 8.01 | 11.35 | 1.22 | 44.33 |
| 5.479 | 11.69 | 49.01 | 0.46 | 7.98 | 11.37 | 1.13 | 44.33 |
| 5.485 | 11.69 | 49.01 | 0.46 | 7.95 | 11.36 | 1.08 | 44.33 |
| 5.493 | 11.69 | 49.01 | 0.34 | 7.93 | 11.33 | 1.08 | 44.33 |
| 5.507 | 11.69 | 49.01 | 0.65 | 7.91 | 11.29 | 1.07 | 44.33 |
| 5.522 | 11.69 | 49.01 | 0.42 | 7.89 | 11.28 | 0.97 | 44.33 |
| 5.534 | 11.69 | 49.01 | 0.53 | 7.87 | 11.24 | 0.92 | 44.33 |
| 5.566 | 11.69 | 49.01 | 0.53 | 7.85 | 11.16 | 1.0  | 44.34 |
| 5.618 | 11.69 | 49.01 | 0.38 | 7.84 | 11.11 | 1.04 | 44.34 |
| 5.672 | 11.69 | 49.01 | 0.57 | 7.84 | 11.02 | 1.05 | 44.34 |
| 5.715 | 11.7  | 49.01 | 0.61 | 7.83 | 10.97 | 0.99 | 44.34 |
| 5.762 | 11.7  | 49.02 | 0.38 | 7.83 | 10.89 | 0.96 | 44.34 |
| 5.811 | 11.7  | 49.02 | 0.5  | 7.84 | 10.82 | 0.96 | 44.34 |
| 5.861 | 11.7  | 49.02 | 0.46 | 7.86 | 10.73 | 1.02 | 44.34 |
| 5.913 | 11.7  | 49.02 | 0.42 | 7.87 | 10.66 | 1.06 | 44.34 |
| 5.958 | 11.7  | 49.02 | 0.42 | 7.89 | 10.62 | 1.03 | 44.34 |
| 5.993 | 11.7  | 49.02 | 0.46 | 7.91 | 10.58 | 1.02 | 44.34 |
| 6.033 | 11.7  | 49.02 | 0.42 | 7.93 | 10.49 | 1.04 | 44.34 |
| 6.106 | 11.7  | 49.02 | 0.42 | 7.95 | 10.37 | 0.98 | 44.34 |
| 6.15  | 11.7  | 49.02 | 0.5  | 7.97 | 10.38 | 1.0  | 44.34 |
| 6.158 | 11.7  | 49.02 | 0.3  | 7.98 | 10.4  | 0.99 | 44.34 |
| 6.16  | 11.7  | 49.02 | 0.38 | 7.97 | 10.41 | 1.0  | 44.34 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 10.78      | 47.67               | 0.31           | 6.48           | 15.24                       | 1.08              | 43.86           |
| PROF (metros)                                                                | 0.726      | 0.703               | 4.87           | 2.018          | 5.472                       | 5.277             | 1.638           |
| MÁXIMO                                                                       | 11.46      | 11.46               | 6.1            | 9.36           | 33.39                       | 2.25              | 44.58           |
| PROF (metros)                                                                | 2.86       | 0.874               | 1.611          | 0.9            | 0.822                       | 0.9               | 0.874           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E02 - Punto 003                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.05      | 48.12               | 0.6            | 9.26           | 31.31                       | 1.88              | 44.2            |
| 1 - 2m                                                     | 11.4       | 48.3                | 1.57           | 6.97           | 23.51                       | 1.85              | 43.96           |
| 2 - 3m                                                     | 11.44      | 48.41               | 0.6            | 6.71           | 18.55                       | 1.82              | 44.03           |
| 3 - 4m                                                     | 11.44      | 48.48               | 0.57           | 7.01           | 18.98                       | 1.78              | 44.1            |
| 4 - 5m                                                     | 11.42      | 48.52               | 0.49           | 6.74           | 17.52                       | 1.53              | 44.16           |
| 5 - 6m                                                     | 11.41      | 48.56               | 0.44           | 6.8            | 15.61                       | 1.18              | 44.21           |

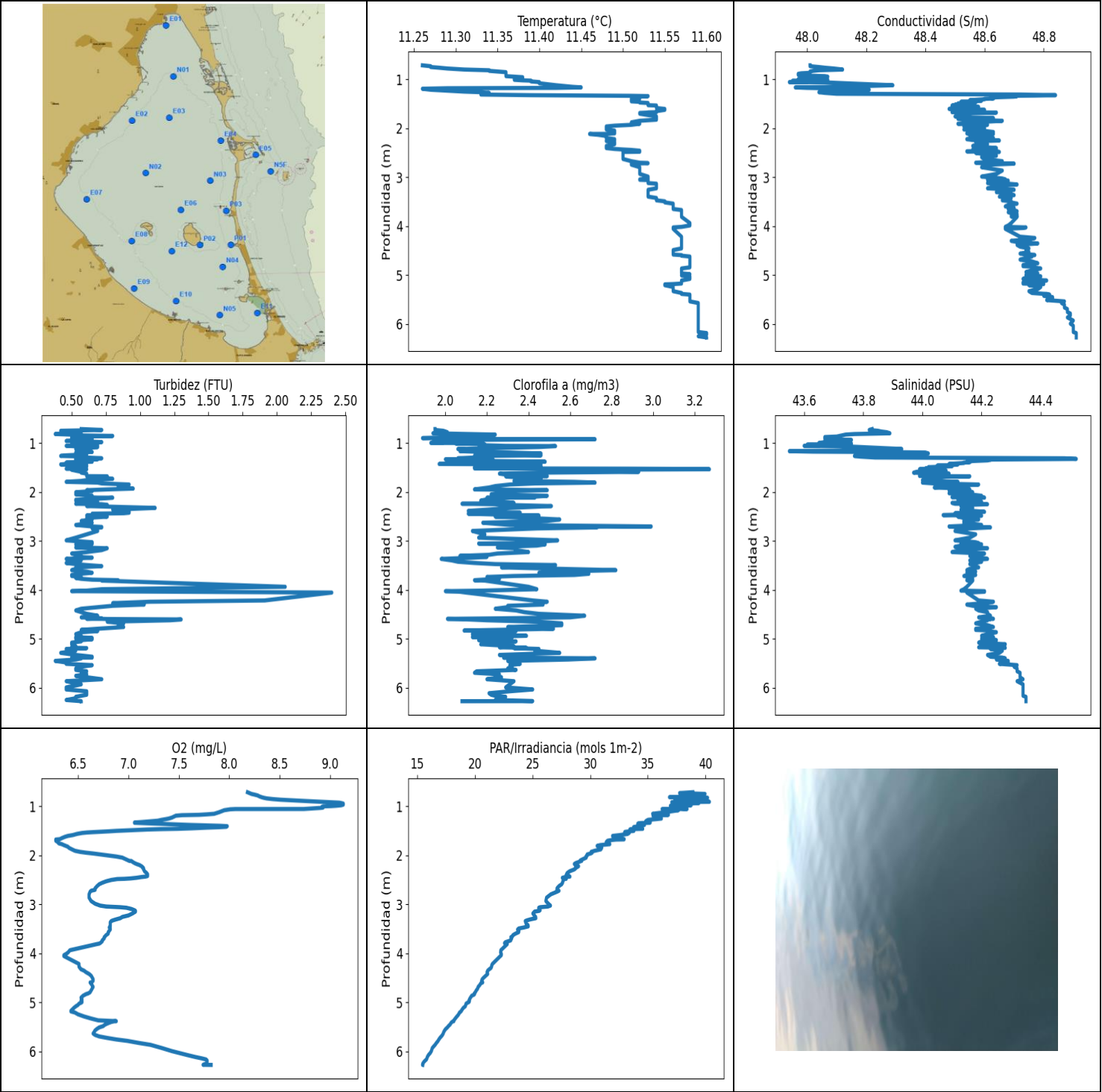
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.703                                                          | 10.79      | 47.67               | 0.57           | 9.23           | 32.27                       | 1.78              | 44.04           |
| 0.726                                                          | 10.78      | 47.73               | 0.61           | 9.25           | 31.59                       | 1.73              | 44.11           |
| 0.75                                                           | 10.79      | 47.78               | 0.69           | 9.26           | 31.94                       | 1.74              | 44.17           |
| 0.772                                                          | 10.79      | 47.83               | 0.57           | 9.28           | 32.9                        | 1.79              | 44.21           |
| 0.787                                                          | 10.83      | 47.82               | 0.65           | 9.29           | 32.32                       | 1.72              | 44.16           |
| 0.801                                                          | 10.89      | 47.83               | 0.61           | 9.3            | 30.18                       | 1.8               | 44.09           |
| 0.822                                                          | 10.95      | 47.83               | 0.72           | 9.3            | 33.39                       | 1.82              | 44.02           |
| 0.85                                                           | 11.02      | 48.42               | 0.65           | 9.3            | 32.53                       | 1.98              | 44.55           |
| 0.874                                                          | 11.14      | 48.6                | 0.57           | 9.34           | 30.17                       | 2.0               | 44.58           |
| 0.9                                                            | 11.28      | 48.55               | 0.46           | 9.36           | 32.44                       | 2.25              | 44.37           |
| 0.923                                                          | 11.35      | 48.45               | 0.5            | 9.35           | 29.99                       | 2.03              | 44.17           |
| 0.942                                                          | 11.38      | 48.39               | 0.61           | 9.28           | 30.16                       | 1.89              | 44.08           |
| 0.968                                                          | 11.38      | 48.38               | 0.53           | 9.15           | 29.48                       | 1.81              | 44.07           |
| 0.996                                                          | 11.37      | 48.41               | 0.65           | 8.97           | 28.97                       | 2.03              | 44.11           |
| 1.021                                                          | 11.36      | 48.38               | 0.53           | 8.74           | 28.86                       | 1.91              | 44.09           |
| 1.043                                                          | 11.36      | 48.37               | 0.53           | 8.48           | 28.33                       | 1.79              | 44.07           |
| 1.066                                                          | 11.37      | 48.35               | 0.46           | 8.21           | 28.09                       | 1.82              | 44.05           |
| 1.089                                                          | 11.38      | 48.34               | 0.61           | 7.97           | 28.46                       | 1.87              | 44.03           |
| 1.117                                                          | 11.38      | 48.36               | 0.53           | 7.77           | 27.5                        | 1.97              | 44.05           |
| 1.148                                                          | 11.39      | 48.3                | 0.69           | 7.59           | 27.38                       | 1.9               | 43.98           |
| 1.172                                                          | 11.4       | 48.28               | 0.61           | 7.45           | 28.47                       | 1.95              | 43.94           |
| 1.19                                                           | 11.4       | 48.25               | 0.53           | 7.33           | 27.94                       | 1.96              | 43.9            |
| 1.204                                                          | 11.4       | 48.32               | 0.61           | 7.22           | 27.41                       | 1.89              | 43.98           |
| 1.216                                                          | 11.41      | 48.31               | 0.65           | 7.14           | 27.34                       | 1.82              | 43.96           |
| 1.232                                                          | 11.41      | 48.32               | 0.57           | 7.07           | 27.73                       | 1.83              | 43.98           |
| 1.251                                                          | 11.41      | 48.26               | 0.61           | 7.01           | 27.5                        | 1.75              | 43.91           |
| 1.272                                                          | 11.41      | 48.29               | 0.53           | 6.95           | 26.43                       | 1.75              | 43.94           |
| 1.293                                                          | 11.42      | 48.29               | 0.69           | 6.92           | 26.26                       | 1.77              | 43.93           |
| 1.309                                                          | 11.42      | 48.29               | 1.18           | 6.88           | 27.13                       | 1.78              | 43.92           |
| 1.331                                                          | 11.42      | 48.36               | 2.82           | 6.85           | 26.66                       | 1.83              | 43.99           |
| 1.361                                                          | 11.43      | 48.39               | 2.06           | 6.82           | 25.13                       | 1.87              | 44.02           |
| 1.39                                                           | 11.43      | 48.34               | 2.59           | 6.8            | 25.32                       | 1.73              | 43.96           |
| 1.407                                                          | 11.43      | 48.25               | 1.49           | 6.78           | 25.13                       | 1.8               | 43.87           |
| 1.42                                                           | 11.43      | 48.32               | 1.07           | 6.76           | 24.48                       | 1.85              | 43.94           |
| 1.444                                                          | 11.43      | 48.42               | 2.4            | 6.74           | 24.81                       | 1.86              | 44.05           |
| 1.464                                                          | 11.43      | 48.27               | 2.14           | 6.73           | 25.18                       | 1.75              | 43.89           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.472 | 11.43 | 48.26 | 3.2  | 6.71 | 24.77 | 1.8  | 43.88 |
| 1.493 | 11.43 | 48.38 | 2.02 | 6.7  | 23.89 | 1.72 | 44.01 |
| 1.521 | 11.42 | 48.32 | 2.56 | 6.69 | 24.09 | 1.83 | 43.95 |
| 1.543 | 11.42 | 48.24 | 2.82 | 6.68 | 24.69 | 1.86 | 43.88 |
| 1.557 | 11.42 | 48.29 | 2.02 | 6.66 | 24.58 | 1.77 | 43.93 |
| 1.567 | 11.42 | 48.33 | 2.9  | 6.66 | 24.43 | 1.74 | 43.97 |
| 1.577 | 11.41 | 48.26 | 2.59 | 6.66 | 24.0  | 1.71 | 43.91 |
| 1.591 | 11.41 | 48.28 | 4.31 | 6.67 | 23.82 | 1.73 | 43.92 |
| 1.611 | 11.41 | 48.24 | 6.1  | 6.79 | 22.15 | 1.72 | 43.89 |
| 1.621 | 11.41 | 48.24 | 3.4  | 6.87 | 21.53 | 1.95 | 43.89 |
| 1.622 | 11.41 | 48.3  | 3.4  | 6.89 | 21.66 | 1.84 | 43.95 |
| 1.63  | 11.41 | 48.23 | 1.64 | 6.9  | 21.54 | 1.92 | 43.88 |
| 1.638 | 11.41 | 48.21 | 1.07 | 6.91 | 20.87 | 1.83 | 43.86 |
| 1.649 | 11.41 | 48.26 | 1.64 | 6.9  | 21.33 | 1.86 | 43.91 |
| 1.677 | 11.4  | 48.31 | 2.25 | 6.9  | 21.17 | 1.92 | 43.97 |
| 1.713 | 11.4  | 48.24 | 2.29 | 6.88 | 20.66 | 1.98 | 43.89 |
| 1.739 | 11.4  | 48.21 | 1.22 | 6.86 | 19.83 | 1.8  | 43.86 |
| 1.742 | 11.37 | 48.36 | 2.9  | 6.82 | 19.73 | 1.82 | 44.05 |
| 1.757 | 11.36 | 48.33 | 1.72 | 6.8  | 19.44 | 1.86 | 44.04 |
| 1.784 | 11.36 | 48.25 | 1.56 | 6.78 | 19.34 | 1.87 | 43.95 |
| 1.812 | 11.36 | 48.23 | 0.95 | 6.77 | 19.61 | 1.98 | 43.93 |
| 1.827 | 11.37 | 48.27 | 0.84 | 6.75 | 19.43 | 1.81 | 43.97 |
| 1.838 | 11.38 | 48.34 | 0.65 | 6.73 | 18.6  | 1.88 | 44.03 |
| 1.854 | 11.38 | 48.27 | 0.61 | 6.71 | 18.12 | 1.88 | 43.96 |
| 1.873 | 11.38 | 48.25 | 0.5  | 6.67 | 18.78 | 1.9  | 43.93 |
| 1.894 | 11.38 | 48.29 | 0.57 | 6.64 | 19.09 | 1.88 | 43.97 |
| 1.919 | 11.39 | 48.32 | 0.61 | 6.61 | 18.93 | 1.88 | 44.0  |
| 1.942 | 11.39 | 48.26 | 0.5  | 6.57 | 18.37 | 1.81 | 43.92 |
| 1.966 | 11.39 | 48.32 | 0.65 | 6.53 | 18.44 | 2.01 | 43.99 |
| 1.997 | 11.4  | 48.35 | 0.42 | 6.51 | 18.33 | 2.2  | 44.01 |
| 2.018 | 11.43 | 48.36 | 0.65 | 6.48 | 18.78 | 1.94 | 43.99 |
| 2.019 | 11.43 | 48.37 | 0.69 | 6.49 | 18.71 | 1.72 | 43.99 |
| 2.051 | 11.43 | 48.35 | 0.53 | 6.5  | 18.32 | 1.68 | 43.98 |
| 2.099 | 11.44 | 48.29 | 0.61 | 6.51 | 18.31 | 1.85 | 43.9  |
| 2.15  | 11.44 | 48.31 | 0.69 | 6.52 | 18.41 | 1.82 | 43.92 |
| 2.204 | 11.44 | 48.41 | 0.61 | 6.52 | 18.48 | 1.77 | 44.03 |
| 2.253 | 11.44 | 48.36 | 0.61 | 6.52 | 18.45 | 1.86 | 43.97 |
| 2.29  | 11.45 | 48.3  | 0.57 | 6.52 | 17.94 | 1.89 | 43.9  |
| 2.313 | 11.45 | 48.47 | 0.53 | 6.51 | 18.06 | 1.75 | 44.08 |
| 2.35  | 11.44 | 48.52 | 0.53 | 6.52 | 18.6  | 1.79 | 44.14 |
| 2.401 | 11.44 | 48.39 | 0.57 | 6.53 | 18.76 | 1.9  | 44.0  |
| 2.457 | 11.44 | 48.32 | 0.65 | 6.56 | 18.52 | 1.86 | 43.93 |
| 2.506 | 11.43 | 48.46 | 0.65 | 6.59 | 18.29 | 1.88 | 44.08 |
| 2.547 | 11.42 | 48.43 | 0.5  | 6.62 | 18.38 | 1.81 | 44.07 |
| 2.577 | 11.42 | 48.36 | 0.57 | 6.66 | 18.37 | 1.88 | 44.0  |
| 2.603 | 11.42 | 48.46 | 0.69 | 6.7  | 18.56 | 1.83 | 44.1  |
| 2.636 | 11.43 | 48.48 | 0.76 | 6.74 | 18.52 | 1.69 | 44.11 |
| 2.678 | 11.44 | 48.44 | 0.5  | 6.79 | 18.49 | 1.79 | 44.06 |
| 2.726 | 11.44 | 48.41 | 0.46 | 6.83 | 18.46 | 1.77 | 44.02 |
| 2.767 | 11.44 | 48.4  | 0.46 | 6.87 | 18.73 | 1.81 | 44.02 |
| 2.807 | 11.44 | 48.5  | 0.53 | 6.91 | 18.75 | 1.82 | 44.12 |
| 2.836 | 11.45 | 48.46 | 0.65 | 6.96 | 18.52 | 1.83 | 44.07 |
| 2.85  | 11.45 | 48.38 | 0.76 | 7.0  | 18.52 | 1.8  | 43.98 |
| 2.86  | 11.46 | 48.49 | 0.65 | 7.02 | 18.75 | 1.78 | 44.09 |
| 2.887 | 11.46 | 48.54 | 0.57 | 7.04 | 19.01 | 1.79 | 44.13 |
| 2.929 | 11.46 | 48.39 | 0.65 | 7.06 | 19.04 | 1.86 | 43.98 |
| 2.981 | 11.46 | 48.43 | 0.61 | 7.07 | 19.0  | 1.88 | 44.03 |
| 3.029 | 11.45 | 48.49 | 0.53 | 7.06 | 18.91 | 1.82 | 44.09 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 3.061 | 11.44 | 48.4  | 0.61 | 7.07 | 18.89 | 1.84 | 44.01 |
| 3.081 | 11.44 | 48.49 | 0.72 | 7.05 | 19.11 | 1.93 | 44.1  |
| 3.1   | 11.44 | 48.51 | 0.61 | 7.03 | 19.25 | 1.85 | 44.13 |
| 3.122 | 11.44 | 48.41 | 0.65 | 7.03 | 19.23 | 1.89 | 44.03 |
| 3.149 | 11.44 | 48.46 | 0.57 | 6.99 | 19.13 | 1.73 | 44.07 |
| 3.181 | 11.44 | 48.52 | 0.61 | 6.98 | 19.15 | 1.82 | 44.13 |
| 3.218 | 11.44 | 48.41 | 0.61 | 6.98 | 19.15 | 1.84 | 44.02 |
| 3.251 | 11.45 | 48.46 | 0.69 | 6.98 | 19.18 | 1.74 | 44.07 |
| 3.283 | 11.44 | 48.54 | 0.61 | 6.98 | 19.16 | 1.94 | 44.15 |
| 3.311 | 11.44 | 48.45 | 0.57 | 7.0  | 19.19 | 1.88 | 44.07 |
| 3.34  | 11.44 | 48.45 | 0.65 | 7.01 | 19.14 | 1.94 | 44.07 |
| 3.371 | 11.44 | 48.52 | 0.5  | 7.01 | 19.01 | 1.87 | 44.14 |
| 3.4   | 11.45 | 48.44 | 0.5  | 7.04 | 19.03 | 1.75 | 44.04 |
| 3.42  | 11.45 | 48.43 | 0.5  | 7.03 | 19.2  | 1.83 | 44.03 |
| 3.43  | 11.45 | 48.53 | 0.57 | 7.03 | 19.2  | 1.89 | 44.14 |
| 3.441 | 11.44 | 48.49 | 0.53 | 7.02 | 19.1  | 1.82 | 44.11 |
| 3.453 | 11.44 | 48.4  | 0.5  | 7.01 | 19.04 | 1.75 | 44.01 |
| 3.469 | 11.44 | 48.5  | 0.61 | 6.99 | 19.01 | 1.82 | 44.11 |
| 3.494 | 11.43 | 48.5  | 0.5  | 6.97 | 19.06 | 2.01 | 44.13 |
| 3.516 | 11.43 | 48.4  | 0.53 | 6.97 | 19.07 | 1.94 | 44.03 |
| 3.536 | 11.43 | 48.49 | 0.57 | 6.97 | 19.09 | 1.8  | 44.12 |
| 3.56  | 11.42 | 48.52 | 0.69 | 6.98 | 19.05 | 1.75 | 44.17 |
| 3.597 | 11.42 | 48.45 | 0.72 | 7.02 | 18.92 | 1.75 | 44.09 |
| 3.636 | 11.42 | 48.44 | 0.57 | 7.06 | 18.83 | 1.69 | 44.09 |
| 3.672 | 11.42 | 48.49 | 0.53 | 7.11 | 18.88 | 1.83 | 44.13 |
| 3.699 | 11.43 | 48.49 | 0.53 | 7.16 | 18.97 | 1.84 | 44.12 |
| 3.722 | 11.43 | 48.5  | 0.5  | 7.21 | 19.04 | 1.77 | 44.13 |
| 3.744 | 11.43 | 48.5  | 0.57 | 7.23 | 18.94 | 1.71 | 44.13 |
| 3.763 | 11.43 | 48.49 | 0.69 | 7.24 | 18.84 | 1.71 | 44.12 |
| 3.776 | 11.43 | 48.5  | 0.46 | 7.23 | 18.78 | 1.67 | 44.13 |
| 3.782 | 11.43 | 48.51 | 0.57 | 7.17 | 18.88 | 1.69 | 44.14 |
| 3.79  | 11.44 | 48.48 | 0.53 | 7.12 | 18.93 | 1.85 | 44.09 |
| 3.812 | 11.45 | 48.52 | 0.61 | 7.07 | 18.93 | 1.71 | 44.13 |
| 3.831 | 11.45 | 48.47 | 0.57 | 7.03 | 18.85 | 1.69 | 44.07 |
| 3.839 | 11.46 | 48.46 | 0.65 | 6.98 | 18.78 | 1.57 | 44.05 |
| 3.847 | 11.45 | 48.55 | 0.53 | 6.93 | 18.82 | 1.75 | 44.15 |
| 3.855 | 11.45 | 48.44 | 0.57 | 6.89 | 18.9  | 1.66 | 44.05 |
| 3.864 | 11.45 | 48.48 | 0.61 | 6.84 | 18.9  | 1.8  | 44.09 |
| 3.887 | 11.44 | 48.54 | 0.5  | 6.8  | 18.74 | 1.66 | 44.16 |
| 3.916 | 11.43 | 48.46 | 0.46 | 6.79 | 18.71 | 1.57 | 44.09 |
| 3.941 | 11.43 | 48.46 | 0.53 | 6.77 | 18.68 | 1.6  | 44.09 |
| 3.97  | 11.42 | 48.56 | 0.53 | 6.75 | 18.58 | 1.55 | 44.2  |
| 4.011 | 11.42 | 48.51 | 0.5  | 6.76 | 18.45 | 1.59 | 44.15 |
| 4.052 | 11.42 | 48.45 | 0.42 | 6.77 | 18.35 | 1.46 | 44.09 |
| 4.092 | 11.43 | 48.51 | 0.5  | 6.78 | 18.32 | 1.5  | 44.15 |
| 4.125 | 11.42 | 48.5  | 0.57 | 6.79 | 18.22 | 1.69 | 44.14 |
| 4.147 | 11.42 | 48.46 | 0.5  | 6.81 | 18.18 | 1.67 | 44.1  |
| 4.158 | 11.42 | 48.52 | 0.5  | 6.82 | 18.12 | 1.82 | 44.17 |
| 4.172 | 11.41 | 48.51 | 0.5  | 6.84 | 18.07 | 1.92 | 44.16 |
| 4.201 | 11.41 | 48.51 | 0.46 | 6.86 | 18.03 | 1.72 | 44.16 |
| 4.245 | 11.41 | 48.52 | 0.53 | 6.87 | 17.94 | 1.66 | 44.17 |
| 4.288 | 11.42 | 48.48 | 0.61 | 6.87 | 17.86 | 1.66 | 44.12 |
| 4.323 | 11.42 | 48.5  | 0.46 | 6.87 | 17.85 | 1.85 | 44.14 |
| 4.356 | 11.43 | 48.53 | 0.53 | 6.86 | 17.77 | 1.66 | 44.17 |
| 4.394 | 11.43 | 48.55 | 0.42 | 6.83 | 17.71 | 1.69 | 44.18 |
| 4.434 | 11.44 | 48.52 | 0.53 | 6.79 | 17.74 | 1.88 | 44.14 |
| 4.475 | 11.44 | 48.52 | 0.57 | 6.75 | 17.66 | 1.73 | 44.14 |
| 4.521 | 11.44 | 48.59 | 0.42 | 6.7  | 17.56 | 1.65 | 44.2  |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.567 | 11.44 | 48.51 | 0.53 | 6.67 | 17.53 | 1.53 | 44.12 |
| 4.608 | 11.44 | 48.5  | 0.42 | 6.64 | 17.42 | 1.53 | 44.12 |
| 4.644 | 11.43 | 48.58 | 0.57 | 6.61 | 17.31 | 1.43 | 44.21 |
| 4.675 | 11.43 | 48.53 | 0.42 | 6.6  | 17.25 | 1.45 | 44.16 |
| 4.717 | 11.43 | 48.56 | 0.5  | 6.59 | 17.12 | 1.44 | 44.19 |
| 4.762 | 11.43 | 48.55 | 0.53 | 6.59 | 17.06 | 1.25 | 44.18 |
| 4.796 | 11.43 | 48.51 | 0.38 | 6.6  | 17.01 | 1.14 | 44.14 |
| 4.824 | 11.43 | 48.59 | 0.42 | 6.6  | 16.84 | 1.12 | 44.22 |
| 4.87  | 11.43 | 48.6  | 0.3  | 6.61 | 16.69 | 1.11 | 44.24 |
| 4.925 | 11.43 | 48.49 | 0.38 | 6.62 | 16.59 | 1.17 | 44.12 |
| 4.955 | 11.41 | 48.53 | 0.61 | 6.79 | 16.56 | 1.37 | 44.19 |
| 4.967 | 11.41 | 48.53 | 0.61 | 6.83 | 16.49 | 1.46 | 44.18 |
| 4.996 | 11.41 | 48.56 | 0.5  | 6.87 | 16.41 | 1.27 | 44.21 |
| 5.025 | 11.41 | 48.51 | 0.46 | 6.91 | 16.33 | 1.18 | 44.16 |
| 5.049 | 11.41 | 48.55 | 0.53 | 6.93 | 16.31 | 1.21 | 44.2  |
| 5.08  | 11.41 | 48.57 | 0.61 | 6.93 | 16.16 | 1.13 | 44.23 |
| 5.136 | 11.41 | 48.6  | 0.46 | 6.91 | 15.98 | 1.17 | 44.25 |
| 5.211 | 11.42 | 48.54 | 0.42 | 6.88 | 15.83 | 1.24 | 44.18 |
| 5.277 | 11.42 | 48.51 | 0.46 | 6.84 | 15.66 | 1.08 | 44.15 |
| 5.327 | 11.41 | 48.6  | 0.3  | 6.79 | 15.55 | 1.13 | 44.25 |
| 5.367 | 11.41 | 48.57 | 0.3  | 6.74 | 15.48 | 1.21 | 44.23 |
| 5.397 | 11.41 | 48.52 | 0.38 | 6.7  | 15.42 | 1.21 | 44.18 |
| 5.422 | 11.41 | 48.6  | 0.42 | 6.66 | 15.38 | 1.21 | 44.25 |
| 5.448 | 11.41 | 48.59 | 0.42 | 6.65 | 15.31 | 1.14 | 44.25 |
| 5.462 | 11.41 | 48.52 | 0.5  | 6.67 | 15.29 | 1.11 | 44.17 |
| 5.466 | 11.41 | 48.59 | 0.34 | 6.7  | 15.25 | 1.14 | 44.24 |
| 5.469 | 11.4  | 48.6  | 0.46 | 6.76 | 15.25 | 1.21 | 44.26 |
| 5.472 | 11.4  | 48.54 | 0.38 | 6.82 | 15.24 | 1.24 | 44.2  |
| 5.473 | 11.4  | 48.55 | 0.53 | 6.89 | 15.3  | 1.2  | 44.22 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.26      | 47.94               | 0.38           | 6.28           | 15.44                       | 1.89              | 43.55           |
| PROF (metros)                                                                | 0.711      | 1.054               | 0.812          | 1.676          | 6.27                        | 0.896             | 1.162           |
| MÁXIMO                                                                       | 11.6       | 11.6                | 2.4            | 9.13           | 40.35                       | 3.27              | 44.52           |
| PROF (metros)                                                                | 6.182      | 6.182               | 4.052          | 0.943          | 0.906                       | 1.532             | 1.321           |



| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E03 - Punto 004                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.35      | 48.01               | 0.57           | 8.71           | 38.49                       | 2.08              | 43.73           |
| 1 - 2m                                                     | 11.47      | 48.43               | 0.6            | 7.2            | 33.91                       | 2.33              | 44.0            |
| 2 - 3m                                                     | 11.5       | 48.6                | 0.68           | 6.93           | 28.07                       | 2.32              | 44.15           |
| 3 - 4m                                                     | 11.55      | 48.68               | 0.63           | 6.82           | 24.21                       | 2.31              | 44.17           |
| 4 - 5m                                                     | 11.57      | 48.74               | 0.81           | 6.56           | 20.66                       | 2.29              | 44.21           |
| 5 - 6m                                                     | 11.58      | 48.82               | 0.55           | 6.72           | 17.89                       | 2.32              | 44.28           |
| 6 - 7m                                                     | 11.59      | 48.91               | 0.55           | 7.72           | 15.69                       | 2.27              | 44.35           |

| OBSERVACIONES GENERALES                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m, 5 - 6m, 6 - 7m con los valores 2.08, 2.33, 2.32, 2.31, 2.29, 2.32, 2.27 respectivamente |

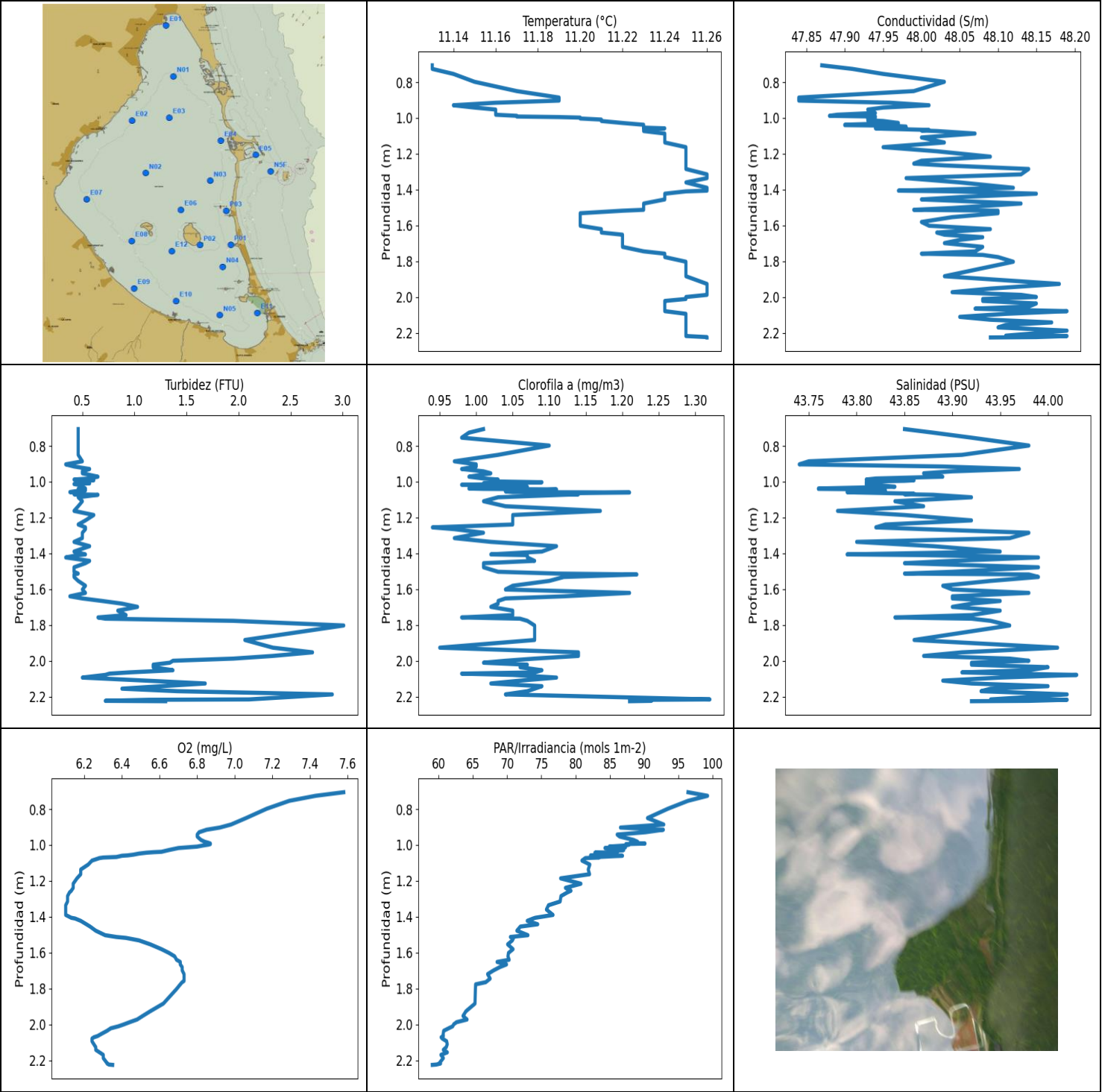
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.711                                                          | 11.26      | 48.01               | 0.57           | 8.18           | 38.91                       | 1.95              | 43.83           |
| 0.729                                                          | 11.27      | 48.01               | 0.72           | 8.2            | 37.76                       | 1.95              | 43.82           |
| 0.746                                                          | 11.27      | 48.04               | 0.42           | 8.22           | 39.97                       | 1.99              | 43.85           |
| 0.76                                                           | 11.28      | 48.06               | 0.5            | 8.25           | 37.95                       | 2.0               | 43.86           |
| 0.776                                                          | 11.29      | 48.09               | 0.5            | 8.28           | 39.84                       | 2.01              | 43.88           |
| 0.797                                                          | 11.31      | 48.12               | 0.57           | 8.3            | 39.91                       | 1.94              | 43.89           |
| 0.812                                                          | 11.34      | 48.04               | 0.38           | 8.32           | 36.88                       | 2.11              | 43.77           |
| 0.824                                                          | 11.34      | 48.02               | 0.5            | 8.34           | 40.19                       | 2.24              | 43.74           |
| 0.837                                                          | 11.35      | 48.01               | 0.5            | 8.37           | 38.89                       | 2.17              | 43.73           |
| 0.851                                                          | 11.36      | 48.01               | 0.8            | 8.43           | 38.27                       | 2.1               | 43.72           |
| 0.864                                                          | 11.36      | 48.01               | 0.57           | 8.51           | 37.34                       | 1.98              | 43.71           |
| 0.874                                                          | 11.36      | 47.98               | 0.53           | 8.6            | 38.57                       | 2.07              | 43.67           |
| 0.885                                                          | 11.36      | 47.97               | 0.5            | 8.71           | 37.92                       | 1.97              | 43.67           |
| 0.896                                                          | 11.36      | 47.97               | 0.65           | 8.81           | 38.32                       | 1.89              | 43.67           |
| 0.906                                                          | 11.36      | 47.97               | 0.5            | 8.91           | 40.35                       | 2.2               | 43.67           |
| 0.914                                                          | 11.36      | 47.98               | 0.5            | 8.99           | 37.08                       | 2.1               | 43.68           |
| 0.919                                                          | 11.36      | 47.98               | 0.57           | 9.05           | 38.12                       | 2.72              | 43.68           |
| 0.924                                                          | 11.36      | 48.01               | 0.65           | 9.09           | 39.08                       | 2.47              | 43.71           |
| 0.932                                                          | 11.36      | 48.06               | 0.53           | 9.11           | 39.43                       | 2.04              | 43.76           |
| 0.943                                                          | 11.37      | 48.07               | 0.57           | 9.13           | 38.54                       | 2.01              | 43.75           |
| 0.954                                                          | 11.38      | 48.02               | 0.46           | 9.13           | 38.39                       | 2.18              | 43.7            |
| 0.964                                                          | 11.38      | 48.0                | 0.61           | 9.13           | 38.19                       | 2.05              | 43.67           |
| 0.977                                                          | 11.38      | 47.99               | 0.72           | 9.11           | 38.76                       | 1.94              | 43.67           |
| 0.987                                                          | 11.38      | 47.98               | 0.65           | 9.06           | 36.96                       | 1.99              | 43.66           |
| 0.994                                                          | 11.37      | 47.97               | 0.61           | 9.01           | 37.69                       | 1.93              | 43.65           |
| 0.996                                                          | 11.37      | 47.97               | 0.53           | 8.97           | 38.26                       | 2.16              | 43.66           |
| 0.999                                                          | 11.37      | 48.01               | 0.69           | 8.93           | 37.59                       | 2.12              | 43.7            |
| 1.007                                                          | 11.37      | 48.07               | 0.53           | 8.92           | 37.42                       | 2.05              | 43.76           |
| 1.018                                                          | 11.38      | 48.04               | 0.5            | 8.93           | 37.0                        | 2.17              | 43.72           |
| 1.024                                                          | 11.39      | 47.97               | 0.65           | 8.93           | 37.37                       | 2.19              | 43.63           |
| 1.03                                                           | 11.39      | 47.95               | 0.61           | 8.91           | 37.42                       | 2.16              | 43.61           |
| 1.04                                                           | 11.39      | 47.98               | 0.69           | 8.84           | 37.73                       | 2.17              | 43.65           |
| 1.053                                                          | 11.4       | 48.0                | 0.46           | 8.74           | 38.41                       | 2.27              | 43.65           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.054 | 11.4  | 47.94 | 0.5  | 8.06 | 36.24 | 2.29 | 43.6  |
| 1.059 | 11.4  | 48.06 | 0.5  | 8.01 | 36.63 | 2.53 | 43.72 |
| 1.078 | 11.4  | 48.13 | 0.69 | 7.95 | 37.66 | 2.45 | 43.79 |
| 1.118 | 11.42 | 48.29 | 0.53 | 7.9  | 36.55 | 2.06 | 43.93 |
| 1.151 | 11.44 | 48.09 | 0.61 | 7.85 | 35.42 | 2.2  | 43.7  |
| 1.162 | 11.45 | 47.96 | 0.57 | 7.78 | 35.56 | 2.07 | 43.55 |
| 1.172 | 11.42 | 48.0  | 0.57 | 7.7  | 36.79 | 2.14 | 43.63 |
| 1.179 | 11.29 | 48.06 | 0.65 | 7.53 | 35.84 | 2.14 | 43.85 |
| 1.19  | 11.26 | 48.19 | 0.53 | 7.47 | 35.45 | 2.31 | 44.01 |
| 1.21  | 11.27 | 48.21 | 0.53 | 7.45 | 35.71 | 2.46 | 44.02 |
| 1.229 | 11.29 | 48.12 | 0.61 | 7.43 | 36.15 | 2.24 | 43.91 |
| 1.248 | 11.31 | 48.06 | 0.46 | 7.4  | 36.18 | 2.46 | 43.82 |
| 1.26  | 11.33 | 48.04 | 0.42 | 7.37 | 35.7  | 2.14 | 43.77 |
| 1.274 | 11.34 | 48.06 | 0.61 | 7.33 | 35.03 | 2.16 | 43.79 |
| 1.292 | 11.33 | 48.1  | 0.61 | 7.29 | 34.88 | 2.14 | 43.84 |
| 1.308 | 11.33 | 48.72 | 0.72 | 7.2  | 34.81 | 2.06 | 44.48 |
| 1.321 | 11.39 | 48.84 | 0.53 | 7.12 | 35.21 | 2.17 | 44.52 |
| 1.329 | 11.47 | 48.77 | 0.69 | 7.06 | 35.21 | 2.0  | 44.35 |
| 1.334 | 11.51 | 48.69 | 0.53 | 7.06 | 35.15 | 2.23 | 44.23 |
| 1.34  | 11.53 | 48.71 | 0.57 | 7.13 | 34.39 | 2.18 | 44.23 |
| 1.351 | 11.52 | 48.7  | 0.53 | 7.26 | 34.13 | 2.14 | 44.22 |
| 1.364 | 11.52 | 48.64 | 0.61 | 7.43 | 34.61 | 2.23 | 44.17 |
| 1.378 | 11.52 | 48.62 | 0.65 | 7.61 | 34.71 | 2.48 | 44.15 |
| 1.389 | 11.52 | 48.63 | 0.53 | 7.78 | 34.28 | 2.17 | 44.16 |
| 1.396 | 11.51 | 48.6  | 0.46 | 7.91 | 34.54 | 2.33 | 44.14 |
| 1.404 | 11.51 | 48.6  | 0.61 | 7.98 | 34.03 | 2.27 | 44.14 |
| 1.416 | 11.51 | 48.57 | 0.5  | 7.97 | 34.09 | 2.17 | 44.11 |
| 1.424 | 11.51 | 48.55 | 0.46 | 7.9  | 33.76 | 1.97 | 44.09 |
| 1.433 | 11.51 | 48.59 | 0.42 | 7.78 | 34.17 | 2.46 | 44.12 |
| 1.447 | 11.51 | 48.57 | 0.53 | 7.63 | 34.34 | 2.17 | 44.1  |
| 1.457 | 11.52 | 48.52 | 0.61 | 7.49 | 34.56 | 2.3  | 44.05 |
| 1.463 | 11.52 | 48.55 | 0.53 | 7.33 | 33.76 | 2.38 | 44.08 |
| 1.471 | 11.52 | 48.57 | 0.61 | 7.19 | 33.44 | 2.46 | 44.1  |
| 1.481 | 11.53 | 48.54 | 0.53 | 7.07 | 33.73 | 2.19 | 44.06 |
| 1.49  | 11.53 | 48.51 | 0.57 | 6.98 | 33.76 | 2.14 | 44.02 |
| 1.499 | 11.53 | 48.52 | 0.5  | 6.88 | 33.79 | 2.42 | 44.03 |
| 1.508 | 11.53 | 48.55 | 0.53 | 6.81 | 33.41 | 2.28 | 44.06 |
| 1.514 | 11.53 | 48.5  | 0.53 | 6.75 | 33.21 | 2.14 | 44.01 |
| 1.52  | 11.53 | 48.53 | 0.46 | 6.69 | 33.02 | 2.87 | 44.03 |
| 1.526 | 11.53 | 48.51 | 0.57 | 6.64 | 32.99 | 3.17 | 44.01 |
| 1.532 | 11.54 | 48.49 | 0.61 | 6.59 | 33.07 | 3.27 | 43.99 |
| 1.542 | 11.54 | 48.53 | 0.5  | 6.54 | 33.38 | 2.62 | 44.04 |
| 1.561 | 11.54 | 48.58 | 0.53 | 6.49 | 33.25 | 2.62 | 44.08 |
| 1.584 | 11.54 | 48.49 | 0.57 | 6.45 | 32.61 | 2.93 | 43.98 |
| 1.602 | 11.55 | 48.48 | 0.57 | 6.4  | 31.94 | 2.44 | 43.97 |
| 1.621 | 11.55 | 48.6  | 0.61 | 6.37 | 31.99 | 2.26 | 44.09 |
| 1.647 | 11.54 | 48.56 | 0.61 | 6.34 | 32.27 | 2.3  | 44.06 |
| 1.668 | 11.54 | 48.49 | 0.61 | 6.32 | 32.95 | 2.35 | 43.99 |
| 1.673 | 11.53 | 48.55 | 0.61 | 6.29 | 32.93 | 2.49 | 44.06 |
| 1.676 | 11.53 | 48.64 | 0.76 | 6.28 | 32.25 | 2.29 | 44.16 |
| 1.684 | 11.52 | 48.56 | 0.76 | 6.28 | 31.91 | 2.3  | 44.08 |
| 1.7   | 11.52 | 48.53 | 0.72 | 6.28 | 31.51 | 2.36 | 44.05 |
| 1.728 | 11.53 | 48.52 | 0.8  | 6.3  | 31.39 | 2.46 | 44.03 |
| 1.754 | 11.54 | 48.5  | 0.61 | 6.31 | 31.66 | 2.4  | 44.0  |
| 1.77  | 11.54 | 48.54 | 0.57 | 6.34 | 31.7  | 2.33 | 44.04 |
| 1.789 | 11.54 | 48.63 | 0.46 | 6.36 | 30.87 | 2.62 | 44.12 |
| 1.805 | 11.54 | 48.51 | 0.69 | 6.38 | 30.6  | 2.72 | 44.0  |
| 1.822 | 11.54 | 48.54 | 0.72 | 6.4  | 30.88 | 2.43 | 44.04 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.844 | 11.52 | 48.66 | 0.92 | 6.41 | 31.0  | 2.31 | 44.19 |
| 1.876 | 11.51 | 48.57 | 0.84 | 6.44 | 30.92 | 2.24 | 44.1  |
| 1.905 | 11.52 | 48.51 | 0.84 | 6.47 | 30.38 | 2.21 | 44.04 |
| 1.927 | 11.51 | 48.61 | 0.95 | 6.52 | 30.08 | 2.17 | 44.15 |
| 1.944 | 11.49 | 48.6  | 0.76 | 6.58 | 30.17 | 2.14 | 44.16 |
| 1.96  | 11.48 | 48.53 | 0.61 | 6.65 | 30.04 | 2.49 | 44.09 |
| 1.979 | 11.48 | 48.59 | 0.65 | 6.72 | 29.74 | 2.27 | 44.16 |
| 2.002 | 11.48 | 48.6  | 0.53 | 6.81 | 29.74 | 2.33 | 44.17 |
| 2.022 | 11.48 | 48.53 | 0.61 | 6.88 | 29.63 | 2.26 | 44.09 |
| 2.045 | 11.49 | 48.59 | 0.53 | 6.94 | 29.65 | 2.22 | 44.16 |
| 2.074 | 11.49 | 48.63 | 0.65 | 6.97 | 29.38 | 2.49 | 44.2  |
| 2.102 | 11.49 | 48.54 | 0.61 | 7.0  | 29.14 | 2.4  | 44.1  |
| 2.112 | 11.48 | 48.63 | 0.69 | 7.01 | 29.26 | 2.43 | 44.21 |
| 2.113 | 11.46 | 48.61 | 0.8  | 7.03 | 29.22 | 2.2  | 44.2  |
| 2.13  | 11.47 | 48.55 | 0.72 | 7.04 | 29.04 | 2.25 | 44.13 |
| 2.155 | 11.48 | 48.55 | 0.53 | 7.06 | 28.75 | 2.19 | 44.12 |
| 2.174 | 11.48 | 48.6  | 0.53 | 7.08 | 28.62 | 2.17 | 44.17 |
| 2.196 | 11.48 | 48.63 | 0.69 | 7.11 | 28.73 | 2.28 | 44.2  |
| 2.22  | 11.49 | 48.54 | 0.61 | 7.13 | 28.99 | 2.33 | 44.1  |
| 2.237 | 11.49 | 48.56 | 0.53 | 7.14 | 28.87 | 2.08 | 44.11 |
| 2.247 | 11.48 | 48.65 | 0.72 | 7.14 | 28.72 | 2.24 | 44.22 |
| 2.259 | 11.48 | 48.59 | 0.76 | 7.15 | 28.75 | 2.27 | 44.16 |
| 2.284 | 11.49 | 48.57 | 0.61 | 7.15 | 28.63 | 2.51 | 44.13 |
| 2.322 | 11.49 | 48.61 | 1.11 | 7.16 | 28.22 | 2.31 | 44.17 |
| 2.358 | 11.48 | 48.56 | 0.8  | 7.18 | 28.0  | 2.2  | 44.13 |
| 2.383 | 11.48 | 48.6  | 0.84 | 7.19 | 27.95 | 2.11 | 44.17 |
| 2.402 | 11.48 | 48.64 | 0.92 | 7.19 | 27.91 | 2.2  | 44.21 |
| 2.42  | 11.49 | 48.59 | 0.92 | 7.19 | 28.17 | 2.36 | 44.15 |
| 2.431 | 11.5  | 48.56 | 0.88 | 7.17 | 28.24 | 2.27 | 44.11 |
| 2.44  | 11.51 | 48.64 | 0.65 | 7.13 | 27.83 | 2.11 | 44.18 |
| 2.456 | 11.52 | 48.6  | 0.72 | 7.08 | 27.58 | 2.24 | 44.13 |
| 2.469 | 11.52 | 48.54 | 0.69 | 7.02 | 27.68 | 2.32 | 44.07 |
| 2.477 | 11.52 | 48.62 | 0.61 | 6.96 | 27.92 | 2.45 | 44.15 |
| 2.481 | 11.5  | 48.65 | 0.69 | 6.89 | 27.67 | 2.37 | 44.2  |
| 2.5   | 11.5  | 48.57 | 0.76 | 6.83 | 27.69 | 2.24 | 44.12 |
| 2.527 | 11.5  | 48.6  | 0.61 | 6.78 | 27.62 | 2.4  | 44.14 |
| 2.558 | 11.5  | 48.64 | 0.65 | 6.74 | 27.6  | 2.55 | 44.19 |
| 2.588 | 11.5  | 48.59 | 0.57 | 6.71 | 27.52 | 2.49 | 44.14 |
| 2.625 | 11.5  | 48.6  | 0.65 | 6.69 | 27.29 | 2.18 | 44.14 |
| 2.67  | 11.51 | 48.66 | 0.53 | 6.67 | 27.12 | 2.31 | 44.2  |
| 2.701 | 11.52 | 48.57 | 0.65 | 6.67 | 27.11 | 2.99 | 44.09 |
| 2.711 | 11.53 | 48.59 | 0.72 | 6.65 | 27.15 | 2.34 | 44.11 |
| 2.72  | 11.51 | 48.7  | 0.72 | 6.63 | 27.29 | 2.73 | 44.23 |
| 2.741 | 11.51 | 48.62 | 0.65 | 6.62 | 27.1  | 2.44 | 44.16 |
| 2.793 | 11.52 | 48.59 | 0.69 | 6.61 | 26.58 | 2.13 | 44.11 |
| 2.861 | 11.52 | 48.66 | 0.61 | 6.61 | 26.21 | 2.19 | 44.18 |
| 2.93  | 11.52 | 48.64 | 0.53 | 6.63 | 26.15 | 2.16 | 44.16 |
| 2.985 | 11.53 | 48.59 | 0.46 | 6.67 | 26.37 | 2.54 | 44.11 |
| 3.023 | 11.53 | 48.66 | 0.65 | 6.72 | 26.55 | 2.41 | 44.18 |
| 3.042 | 11.52 | 48.67 | 0.57 | 6.78 | 26.33 | 2.33 | 44.19 |
| 3.05  | 11.52 | 48.61 | 0.57 | 6.86 | 25.94 | 2.16 | 44.13 |
| 3.056 | 11.53 | 48.67 | 0.65 | 6.92 | 25.65 | 2.21 | 44.19 |
| 3.067 | 11.53 | 48.68 | 0.53 | 6.98 | 25.53 | 2.48 | 44.2  |
| 3.092 | 11.53 | 48.62 | 0.61 | 7.03 | 25.54 | 2.44 | 44.13 |
| 3.117 | 11.53 | 48.61 | 0.61 | 7.06 | 25.65 | 2.27 | 44.11 |
| 3.13  | 11.54 | 48.68 | 0.53 | 7.07 | 25.58 | 2.25 | 44.18 |
| 3.146 | 11.54 | 48.71 | 0.76 | 7.07 | 25.16 | 2.33 | 44.22 |
| 3.184 | 11.54 | 48.63 | 0.72 | 7.04 | 25.02 | 2.34 | 44.13 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 3.224 | 11.54 | 48.61 | 0.61 | 7.0  | 25.15 | 2.4  | 44.1  |
| 3.254 | 11.53 | 48.7  | 0.5  | 6.94 | 25.26 | 2.25 | 44.21 |
| 3.28  | 11.53 | 48.66 | 0.53 | 6.92 | 25.28 | 2.21 | 44.18 |
| 3.303 | 11.53 | 48.64 | 0.57 | 6.88 | 24.82 | 2.07 | 44.16 |
| 3.322 | 11.53 | 48.69 | 0.53 | 6.85 | 24.54 | 2.2  | 44.2  |
| 3.338 | 11.53 | 48.68 | 0.65 | 6.83 | 24.36 | 2.14 | 44.2  |
| 3.364 | 11.53 | 48.7  | 0.46 | 6.82 | 24.4  | 1.98 | 44.22 |
| 3.394 | 11.53 | 48.65 | 0.57 | 6.82 | 24.44 | 2.03 | 44.16 |
| 3.422 | 11.54 | 48.69 | 0.53 | 6.82 | 24.6  | 2.06 | 44.2  |
| 3.447 | 11.54 | 48.68 | 0.46 | 6.82 | 24.62 | 2.14 | 44.18 |
| 3.47  | 11.54 | 48.66 | 0.53 | 6.81 | 24.23 | 2.24 | 44.16 |
| 3.49  | 11.55 | 48.69 | 0.61 | 6.82 | 23.79 | 2.53 | 44.18 |
| 3.512 | 11.55 | 48.69 | 0.72 | 6.82 | 23.69 | 2.42 | 44.18 |
| 3.537 | 11.56 | 48.71 | 0.53 | 6.81 | 23.81 | 2.27 | 44.19 |
| 3.565 | 11.56 | 48.68 | 0.53 | 6.8  | 23.79 | 2.53 | 44.16 |
| 3.594 | 11.56 | 48.67 | 0.5  | 6.8  | 23.52 | 2.82 | 44.15 |
| 3.624 | 11.56 | 48.7  | 0.61 | 6.78 | 23.3  | 2.52 | 44.18 |
| 3.647 | 11.56 | 48.68 | 0.65 | 6.77 | 23.26 | 2.45 | 44.15 |
| 3.668 | 11.57 | 48.7  | 0.57 | 6.76 | 23.11 | 2.69 | 44.17 |
| 3.692 | 11.57 | 48.71 | 0.5  | 6.76 | 23.18 | 2.62 | 44.18 |
| 3.713 | 11.57 | 48.68 | 0.5  | 6.75 | 23.12 | 2.33 | 44.14 |
| 3.733 | 11.57 | 48.69 | 0.57 | 6.74 | 23.1  | 2.2  | 44.16 |
| 3.753 | 11.57 | 48.71 | 0.53 | 6.74 | 22.86 | 2.23 | 44.17 |
| 3.771 | 11.57 | 48.7  | 0.57 | 6.73 | 22.63 | 2.26 | 44.16 |
| 3.788 | 11.57 | 48.71 | 0.65 | 6.72 | 22.56 | 2.18 | 44.17 |
| 3.799 | 11.57 | 48.69 | 0.84 | 6.71 | 22.65 | 2.14 | 44.15 |
| 3.807 | 11.57 | 48.71 | 0.72 | 6.69 | 22.8  | 2.19 | 44.17 |
| 3.934 | 11.58 | 48.69 | 2.06 | 6.42 | 22.24 | 2.4  | 44.15 |
| 3.983 | 11.58 | 48.68 | 0.72 | 6.4  | 22.22 | 2.44 | 44.14 |
| 4.012 | 11.57 | 48.67 | 0.61 | 6.38 | 22.29 | 2.18 | 44.13 |
| 4.023 | 11.56 | 48.74 | 0.5  | 6.37 | 22.28 | 2.0  | 44.21 |
| 4.035 | 11.56 | 48.73 | 1.3  | 6.36 | 22.28 | 2.07 | 44.21 |
| 4.052 | 11.56 | 48.67 | 2.4  | 6.36 | 22.2  | 2.1  | 44.15 |
| 4.213 | 11.57 | 48.72 | 1.91 | 6.51 | 21.51 | 2.42 | 44.19 |
| 4.239 | 11.57 | 48.77 | 1.07 | 6.51 | 21.45 | 2.49 | 44.24 |
| 4.268 | 11.57 | 48.75 | 0.8  | 6.51 | 21.44 | 2.43 | 44.21 |
| 4.297 | 11.57 | 48.69 | 1.03 | 6.52 | 21.38 | 2.47 | 44.15 |
| 4.322 | 11.57 | 48.71 | 0.8  | 6.53 | 21.23 | 2.3  | 44.17 |
| 4.35  | 11.57 | 48.78 | 0.69 | 6.56 | 21.1  | 2.3  | 44.25 |
| 4.382 | 11.57 | 48.71 | 0.57 | 6.58 | 21.04 | 2.24 | 44.18 |
| 4.417 | 11.57 | 48.72 | 0.53 | 6.61 | 21.1  | 2.34 | 44.19 |
| 4.452 | 11.57 | 48.75 | 0.57 | 6.63 | 20.94 | 2.38 | 44.22 |
| 4.486 | 11.56 | 48.74 | 0.61 | 6.64 | 20.78 | 2.45 | 44.22 |
| 4.525 | 11.56 | 48.75 | 0.69 | 6.65 | 20.62 | 2.67 | 44.23 |
| 4.558 | 11.56 | 48.72 | 0.57 | 6.65 | 20.57 | 2.6  | 44.19 |
| 4.578 | 11.56 | 48.74 | 0.72 | 6.64 | 20.58 | 2.27 | 44.21 |
| 4.588 | 11.57 | 48.77 | 0.61 | 6.63 | 20.64 | 2.06 | 44.24 |
| 4.589 | 11.57 | 48.74 | 0.72 | 6.63 | 20.67 | 2.01 | 44.21 |
| 4.592 | 11.57 | 48.76 | 0.76 | 6.62 | 20.56 | 2.04 | 44.23 |
| 4.601 | 11.57 | 48.75 | 1.3  | 6.63 | 20.55 | 2.11 | 44.21 |
| 4.618 | 11.58 | 48.76 | 1.22 | 6.63 | 20.47 | 2.2  | 44.22 |
| 4.647 | 11.58 | 48.74 | 0.76 | 6.64 | 20.4  | 2.44 | 44.2  |
| 4.681 | 11.58 | 48.72 | 0.88 | 6.65 | 20.27 | 2.56 | 44.18 |
| 4.718 | 11.58 | 48.76 | 0.84 | 6.64 | 20.22 | 2.56 | 44.22 |
| 4.756 | 11.58 | 48.78 | 0.88 | 6.63 | 20.1  | 2.3  | 44.24 |
| 4.791 | 11.58 | 48.73 | 0.69 | 6.62 | 20.02 | 2.52 | 44.18 |
| 4.815 | 11.58 | 48.73 | 0.57 | 6.6  | 19.94 | 2.25 | 44.18 |
| 4.828 | 11.58 | 48.77 | 0.65 | 6.58 | 19.96 | 2.09 | 44.23 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.839 | 11.58 | 48.76 | 0.69 | 6.57 | 19.91 | 2.34 | 44.22 |
| 4.862 | 11.57 | 48.79 | 0.57 | 6.55 | 19.71 | 2.2  | 44.25 |
| 4.901 | 11.57 | 48.76 | 0.53 | 6.53 | 19.6  | 2.13 | 44.22 |
| 4.935 | 11.57 | 48.74 | 0.57 | 6.54 | 19.52 | 2.39 | 44.2  |
| 4.961 | 11.57 | 48.78 | 0.53 | 6.53 | 19.47 | 2.13 | 44.24 |
| 4.979 | 11.58 | 48.75 | 0.65 | 6.54 | 19.51 | 2.32 | 44.21 |
| 4.993 | 11.57 | 48.74 | 0.53 | 6.54 | 19.45 | 2.2  | 44.2  |
| 5.005 | 11.57 | 48.77 | 0.65 | 6.53 | 19.34 | 2.25 | 44.24 |
| 5.023 | 11.58 | 48.79 | 0.57 | 6.51 | 19.22 | 2.16 | 44.25 |
| 5.049 | 11.58 | 48.74 | 0.57 | 6.5  | 19.19 | 2.34 | 44.2  |
| 5.075 | 11.58 | 48.73 | 0.5  | 6.48 | 19.16 | 2.2  | 44.19 |
| 5.108 | 11.57 | 48.81 | 0.5  | 6.46 | 18.99 | 2.17 | 44.28 |
| 5.148 | 11.57 | 48.73 | 0.53 | 6.44 | 18.86 | 2.33 | 44.2  |
| 5.17  | 11.57 | 48.73 | 0.5  | 6.43 | 18.82 | 2.26 | 44.19 |
| 5.181 | 11.56 | 48.8  | 0.53 | 6.43 | 18.78 | 2.39 | 44.28 |
| 5.187 | 11.55 | 48.77 | 0.61 | 6.44 | 18.75 | 2.33 | 44.26 |
| 5.204 | 11.55 | 48.75 | 0.46 | 6.47 | 18.65 | 2.45 | 44.23 |
| 5.24  | 11.56 | 48.79 | 0.53 | 6.5  | 18.58 | 2.43 | 44.27 |
| 5.284 | 11.56 | 48.78 | 0.42 | 6.56 | 18.43 | 2.55 | 44.26 |
| 5.326 | 11.56 | 48.75 | 0.53 | 6.63 | 18.28 | 2.26 | 44.22 |
| 5.363 | 11.57 | 48.76 | 0.65 | 6.7  | 18.17 | 2.37 | 44.23 |
| 5.38  | 11.57 | 48.8  | 0.65 | 6.88 | 18.16 | 2.34 | 44.27 |
| 5.382 | 11.57 | 48.81 | 0.5  | 6.86 | 18.1  | 2.28 | 44.27 |
| 5.396 | 11.58 | 48.82 | 0.57 | 6.83 | 18.0  | 2.72 | 44.28 |
| 5.42  | 11.58 | 48.8  | 0.53 | 6.8  | 17.9  | 2.59 | 44.25 |
| 5.448 | 11.58 | 48.83 | 0.38 | 6.77 | 17.84 | 2.3  | 44.29 |
| 5.48  | 11.58 | 48.83 | 0.46 | 6.75 | 17.69 | 2.32 | 44.29 |
| 5.508 | 11.58 | 48.81 | 0.46 | 6.71 | 17.6  | 2.36 | 44.26 |
| 5.535 | 11.58 | 48.87 | 0.65 | 6.69 | 17.47 | 2.31 | 44.32 |
| 5.568 | 11.59 | 48.86 | 0.57 | 6.67 | 17.36 | 2.32 | 44.31 |
| 5.602 | 11.59 | 48.87 | 0.53 | 6.66 | 17.28 | 2.3  | 44.32 |
| 5.632 | 11.59 | 48.87 | 0.53 | 6.65 | 17.24 | 2.34 | 44.32 |
| 5.661 | 11.59 | 48.87 | 0.61 | 6.67 | 17.17 | 2.15 | 44.32 |
| 5.691 | 11.59 | 48.88 | 0.57 | 6.71 | 17.07 | 2.14 | 44.33 |
| 5.722 | 11.59 | 48.88 | 0.61 | 6.79 | 16.95 | 2.26 | 44.33 |
| 5.753 | 11.59 | 48.88 | 0.53 | 6.88 | 16.86 | 2.24 | 44.33 |
| 5.782 | 11.59 | 48.89 | 0.61 | 6.99 | 16.79 | 2.27 | 44.33 |
| 5.823 | 11.59 | 48.89 | 0.72 | 7.1  | 16.65 | 2.2  | 44.34 |
| 5.863 | 11.59 | 48.88 | 0.46 | 7.22 | 16.53 | 2.33 | 44.32 |
| 5.927 | 11.59 | 48.9  | 0.57 | 7.33 | 16.29 | 2.31 | 44.34 |
| 5.99  | 11.59 | 48.89 | 0.46 | 7.43 | 16.21 | 2.29 | 44.34 |
| 6.032 | 11.59 | 48.9  | 0.46 | 7.51 | 16.1  | 2.42 | 44.34 |
| 6.069 | 11.59 | 48.9  | 0.61 | 7.58 | 15.96 | 2.31 | 44.34 |
| 6.109 | 11.59 | 48.9  | 0.61 | 7.66 | 15.86 | 2.21 | 44.34 |
| 6.14  | 11.59 | 48.9  | 0.61 | 7.73 | 15.82 | 2.22 | 44.34 |
| 6.161 | 11.59 | 48.9  | 0.57 | 7.77 | 15.78 | 2.24 | 44.34 |
| 6.182 | 11.6  | 48.91 | 0.53 | 7.78 | 15.68 | 2.29 | 44.35 |
| 6.211 | 11.6  | 48.91 | 0.53 | 7.78 | 15.56 | 2.25 | 44.35 |
| 6.247 | 11.59 | 48.91 | 0.46 | 7.77 | 15.46 | 2.24 | 44.35 |
| 6.27  | 11.6  | 48.91 | 0.57 | 7.74 | 15.44 | 2.42 | 44.35 |
| 6.271 | 11.6  | 48.91 | 0.57 | 7.77 | 15.44 | 2.33 | 44.35 |
| 6.272 | 11.6  | 48.91 | 0.57 | 7.82 | 15.46 | 2.08 | 44.35 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.13      | 47.84               | 0.34           | 6.1            | 59.09                       | 0.94              | 43.74           |
| PROF (metros)                                                                | 0.706      | 0.886               | 0.903          | 1.336          | 2.226                       | 1.255             | 0.903           |
| MÁXIMO                                                                       | 11.26      | 11.26               | 3.01           | 7.58           | 99.25                       | 1.32              | 44.03           |
| PROF (metros)                                                                | 1.315      | 2.079               | 1.803          | 0.706          | 0.726                       | 2.216             | 2.079           |

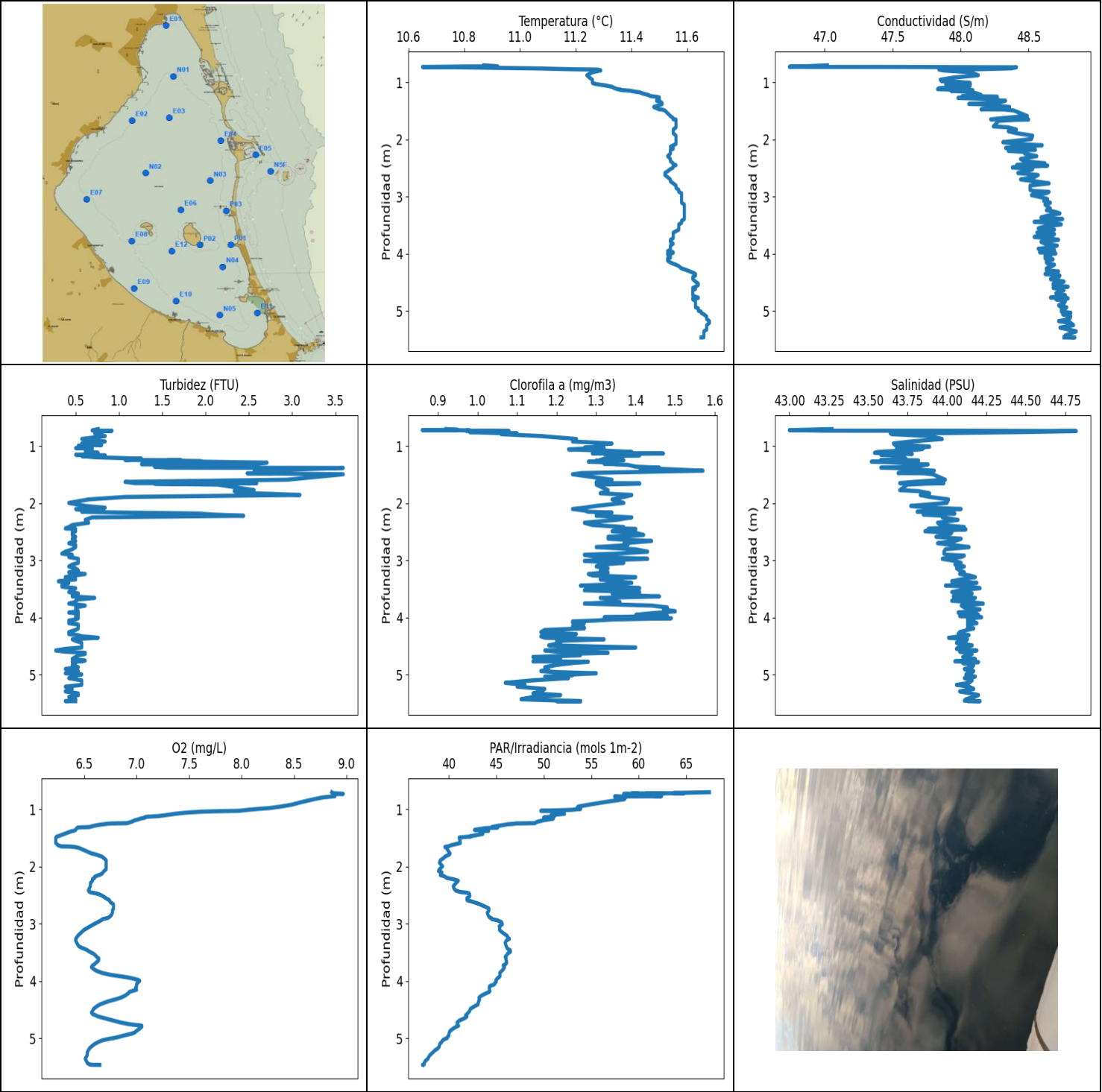
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E01 - Punto 005                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.16      | 47.93               | 0.49           | 6.99           | 90.68                       | 1.01              | 43.86           |
| 1 - 2m                                                     | 11.23      | 48.03               | 0.74           | 6.44           | 75.4                        | 1.06              | 43.88           |
| 2 - 3m                                                     | 11.25      | 48.12               | 1.26           | 6.3            | 60.77                       | 1.1               | 43.96           |

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

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706                                                          | 11.13      | 47.87               | 0.46           | 7.58           | 96.39                       | 1.01              | 43.85           |
| 0.726                                                          | 11.13      | 47.91               | 0.46           | 7.43           | 99.25                       | 0.99              | 43.88           |
| 0.754                                                          | 11.14      | 47.95               | 0.46           | 7.29           | 96.39                       | 0.98              | 43.92           |
| 0.798                                                          | 11.15      | 48.03               | 0.46           | 7.17           | 93.46                       | 1.1               | 43.98           |
| 0.85                                                           | 11.17      | 47.99               | 0.46           | 7.06           | 90.48                       | 1.03              | 43.91           |
| 0.886                                                          | 11.19      | 47.84               | 0.5            | 6.98           | 92.86                       | 0.97              | 43.75           |
| 0.903                                                          | 11.19      | 47.84               | 0.34           | 6.92           | 86.54                       | 1.0               | 43.74           |
| 0.915                                                          | 11.16      | 47.96               | 0.42           | 6.85           | 92.8                        | 1.0               | 43.89           |
| 0.929                                                          | 11.14      | 48.01               | 0.57           | 6.81           | 90.17                       | 0.98              | 43.97           |
| 0.942                                                          | 11.15      | 47.95               | 0.5            | 6.8            | 86.06                       | 1.01              | 43.9            |
| 0.953                                                          | 11.16      | 47.93               | 0.5            | 6.8            | 86.42                       | 1.02              | 43.87           |
| 0.972                                                          | 11.16      | 47.94               | 0.65           | 6.82           | 88.45                       | 0.99              | 43.89           |
| 0.982                                                          | 11.16      | 47.89               | 0.57           | 6.84           | 89.04                       | 1.01              | 43.82           |
| 0.988                                                          | 11.17      | 47.88               | 0.42           | 6.86           | 87.98                       | 1.03              | 43.81           |
| 0.992                                                          | 11.17      | 47.94               | 0.61           | 6.87           | 90.12                       | 1.02              | 43.86           |
| 0.995                                                          | 11.19      | 47.94               | 0.53           | 6.87           | 87.33                       | 1.02              | 43.85           |
| 0.998                                                          | 11.2       | 47.93               | 0.5            | 6.86           | 87.79                       | 1.02              | 43.82           |
| 1.003                                                          | 11.2       | 47.93               | 0.5            | 6.83           | 87.21                       | 1.09              | 43.81           |
| 1.009                                                          | 11.21      | 47.94               | 0.57           | 6.8            | 84.91                       | 1.01              | 43.82           |
| 1.013                                                          | 11.21      | 47.93               | 0.42           | 6.75           | 87.27                       | 1.05              | 43.81           |
| 1.017                                                          | 11.21      | 47.95               | 0.46           | 6.7            | 84.28                       | 0.98              | 43.82           |
| 1.028                                                          | 11.22      | 47.97               | 0.5            | 6.65           | 87.02                       | 1.07              | 43.84           |
| 1.038                                                          | 11.23      | 47.9                | 0.53           | 6.61           | 85.09                       | 0.99              | 43.76           |
| 1.04                                                           | 11.23      | 47.9                | 0.46           | 6.57           | 86.08                       | 1.01              | 43.76           |
| 1.043                                                          | 11.23      | 47.96               | 0.46           | 6.53           | 82.81                       | 1.11              | 43.82           |
| 1.048                                                          | 11.23      | 47.98               | 0.53           | 6.49           | 85.76                       | 1.08              | 43.83           |
| 1.054                                                          | 11.23      | 47.98               | 0.42           | 6.46           | 85.01                       | 1.04              | 43.83           |
| 1.058                                                          | 11.24      | 47.94               | 0.38           | 6.43           | 82.18                       | 1.05              | 43.79           |
| 1.06                                                           | 11.23      | 47.95               | 0.46           | 6.4            | 86.84                       | 1.21              | 43.8            |
| 1.067                                                          | 11.23      | 48.01               | 0.5            | 6.37           | 83.24                       | 1.08              | 43.86           |
| 1.07                                                           | 11.23      | 48.0                | 0.42           | 6.3            | 83.41                       | 1.14              | 43.85           |
| 1.073                                                          | 11.23      | 48.02               | 0.65           | 6.28           | 81.42                       | 1.12              | 43.88           |
| 1.087                                                          | 11.24      | 48.07               | 0.46           | 6.24           | 80.92                       | 1.03              | 43.92           |
| 1.109                                                          | 11.24      | 48.0                | 0.5            | 6.22           | 82.07                       | 1.01              | 43.84           |
| 1.137                                                          | 11.24      | 48.03               | 0.46           | 6.18           | 81.84                       | 1.04              | 43.87           |
| 1.163                                                          | 11.25      | 47.95               | 0.42           | 6.18           | 82.03                       | 1.17              | 43.78           |
| 1.186                                                          | 11.25      | 48.02               | 0.61           | 6.16           | 77.81                       | 1.05              | 43.85           |
| 1.216                                                          | 11.25      | 48.09               | 0.53           | 6.14           | 80.77                       | 1.05              | 43.92           |
| 1.239                                                          | 11.25      | 48.0                | 0.46           | 6.14           | 78.51                       | 1.05              | 43.83           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.255 | 11.25 | 47.99 | 0.53 | 6.13 | 79.32 | 0.94 | 43.82 |
| 1.265 | 11.25 | 48.03 | 0.53 | 6.12 | 78.77 | 0.97 | 43.87 |
| 1.285 | 11.25 | 48.14 | 0.5  | 6.11 | 77.86 | 1.01 | 43.98 |
| 1.315 | 11.26 | 48.13 | 0.5  | 6.11 | 77.74 | 0.97 | 43.96 |
| 1.336 | 11.26 | 47.98 | 0.42 | 6.1  | 76.04 | 1.02 | 43.8  |
| 1.36  | 11.25 | 48.05 | 0.57 | 6.1  | 75.74 | 1.11 | 43.88 |
| 1.39  | 11.26 | 48.12 | 0.42 | 6.1  | 76.7  | 1.09 | 43.95 |
| 1.406 | 11.26 | 47.97 | 0.53 | 6.13 | 74.11 | 1.02 | 43.79 |
| 1.41  | 11.25 | 48.04 | 0.46 | 6.15 | 73.8  | 1.07 | 43.87 |
| 1.423 | 11.24 | 48.15 | 0.34 | 6.18 | 72.94 | 1.07 | 43.99 |
| 1.442 | 11.24 | 48.05 | 0.57 | 6.21 | 74.47 | 1.08 | 43.9  |
| 1.455 | 11.24 | 48.0  | 0.53 | 6.23 | 71.94 | 1.01 | 43.85 |
| 1.478 | 11.23 | 48.13 | 0.42 | 6.26 | 71.43 | 1.01 | 43.99 |
| 1.503 | 11.23 | 48.04 | 0.42 | 6.31 | 73.04 | 1.03 | 43.9  |
| 1.513 | 11.23 | 47.99 | 0.46 | 6.37 | 70.48 | 1.11 | 43.85 |
| 1.518 | 11.22 | 48.1  | 0.42 | 6.42 | 70.95 | 1.22 | 43.98 |
| 1.532 | 11.2  | 48.1  | 0.42 | 6.49 | 70.77 | 1.12 | 43.99 |
| 1.554 | 11.2  | 48.04 | 0.46 | 6.55 | 70.08 | 1.1  | 43.94 |
| 1.581 | 11.2  | 48.0  | 0.53 | 6.61 | 70.87 | 1.05 | 43.89 |
| 1.602 | 11.2  | 48.01 | 0.5  | 6.65 | 70.2  | 1.04 | 43.9  |
| 1.621 | 11.21 | 48.09 | 0.53 | 6.68 | 70.13 | 1.21 | 43.98 |
| 1.64  | 11.21 | 48.02 | 0.38 | 6.69 | 70.3  | 1.12 | 43.9  |
| 1.652 | 11.22 | 48.03 | 0.5  | 6.71 | 68.54 | 1.04 | 43.9  |
| 1.666 | 11.22 | 48.08 | 0.69 | 6.71 | 69.92 | 1.03 | 43.95 |
| 1.681 | 11.22 | 48.05 | 0.88 | 6.72 | 68.94 | 1.03 | 43.92 |
| 1.699 | 11.22 | 48.03 | 1.03 | 6.72 | 68.04 | 1.02 | 43.9  |
| 1.72  | 11.22 | 48.08 | 0.84 | 6.73 | 67.16 | 1.05 | 43.95 |
| 1.745 | 11.23 | 48.07 | 0.92 | 6.73 | 67.53 | 1.05 | 43.92 |
| 1.758 | 11.24 | 48.0  | 0.65 | 6.73 | 67.11 | 0.98 | 43.84 |
| 1.765 | 11.24 | 48.08 | 0.72 | 6.72 | 66.88 | 1.06 | 43.92 |
| 1.777 | 11.24 | 48.1  | 1.95 | 6.71 | 65.41 | 1.07 | 43.94 |
| 1.803 | 11.25 | 48.12 | 3.01 | 6.69 | 65.38 | 1.08 | 43.96 |
| 1.884 | 11.25 | 48.03 | 2.06 | 6.62 | 65.32 | 1.08 | 43.86 |
| 1.927 | 11.26 | 48.18 | 2.33 | 6.55 | 64.0  | 0.95 | 44.01 |
| 1.953 | 11.26 | 48.09 | 2.71 | 6.51 | 63.57 | 1.14 | 43.91 |
| 1.973 | 11.26 | 48.04 | 2.33 | 6.48 | 64.16 | 1.14 | 43.87 |
| 1.988 | 11.26 | 48.13 | 1.95 | 6.44 | 62.62 | 1.08 | 43.96 |
| 2.0   | 11.25 | 48.15 | 1.37 | 6.41 | 62.21 | 1.04 | 43.98 |
| 2.011 | 11.25 | 48.08 | 1.34 | 6.38 | 62.06 | 1.01 | 43.92 |
| 2.022 | 11.24 | 48.08 | 1.18 | 6.34 | 61.47 | 1.07 | 43.92 |
| 2.036 | 11.24 | 48.15 | 1.18 | 6.32 | 60.75 | 1.06 | 44.0  |
| 2.053 | 11.24 | 48.14 | 1.37 | 6.29 | 60.68 | 1.09 | 43.98 |
| 2.065 | 11.24 | 48.07 | 0.95 | 6.27 | 60.7  | 1.08 | 43.91 |
| 2.072 | 11.24 | 48.12 | 0.76 | 6.25 | 60.38 | 0.98 | 43.96 |
| 2.079 | 11.24 | 48.19 | 0.72 | 6.24 | 60.54 | 1.05 | 44.03 |
| 2.094 | 11.25 | 48.11 | 0.5  | 6.24 | 61.18 | 1.11 | 43.95 |
| 2.111 | 11.25 | 48.05 | 1.11 | 6.25 | 61.27 | 1.06 | 43.89 |
| 2.127 | 11.25 | 48.09 | 1.68 | 6.26 | 61.13 | 1.02 | 43.92 |
| 2.142 | 11.25 | 48.17 | 1.26 | 6.26 | 60.7  | 1.09 | 44.0  |
| 2.156 | 11.25 | 48.11 | 0.88 | 6.28 | 61.28 | 1.08 | 43.94 |
| 2.17  | 11.25 | 48.1  | 1.41 | 6.3  | 60.35 | 1.07 | 43.93 |
| 2.188 | 11.25 | 48.19 | 2.9  | 6.3  | 60.7  | 1.04 | 44.02 |
| 2.216 | 11.25 | 48.11 | 2.1  | 6.32 | 60.12 | 1.32 | 43.94 |
| 2.218 | 11.25 | 48.19 | 1.14 | 6.32 | 60.3  | 1.24 | 44.02 |
| 2.224 | 11.26 | 48.15 | 0.72 | 6.33 | 59.69 | 1.24 | 43.98 |
| 2.226 | 11.26 | 48.09 | 1.3  | 6.35 | 59.09 | 1.21 | 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                                                                       | 10.65      | 46.74               | 0.27           | 6.23           | 37.26                       | 0.86              | 43.0            |
| PROF (metros)                                                                | 0.732      | 0.73                | 4.574          | 1.493          | 5.46                        | 0.721             | 0.721           |
| MÁXIMO                                                                       | 11.68      | 11.68               | 3.59           | 8.97           | 67.42                       | 1.57              | 44.82           |
| PROF (metros)                                                                | 5.176      | 5.355               | 1.383          | 0.731          | 0.703                       | 1.431             | 0.738           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N01 - Punto 006                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.02      | 47.53               | 0.74           | 8.75           | 59.36                       | 1.07              | 43.62           |
| 1 - 2m                                                     | 11.46      | 48.18               | 1.56           | 6.79           | 45.53                       | 1.34              | 43.77           |
| 2 - 3m                                                     | 11.55      | 48.5                | 0.66           | 6.66           | 41.89                       | 1.34              | 43.98           |
| 3 - 4m                                                     | 11.56      | 48.64               | 0.48           | 6.61           | 45.8                        | 1.36              | 44.12           |
| 4 - 5m                                                     | 11.6       | 48.7                | 0.5            | 6.86           | 42.36                       | 1.24              | 44.13           |
| 5 - 6m                                                     | 11.66      | 48.79               | 0.48           | 6.58           | 38.25                       | 1.17              | 44.15           |

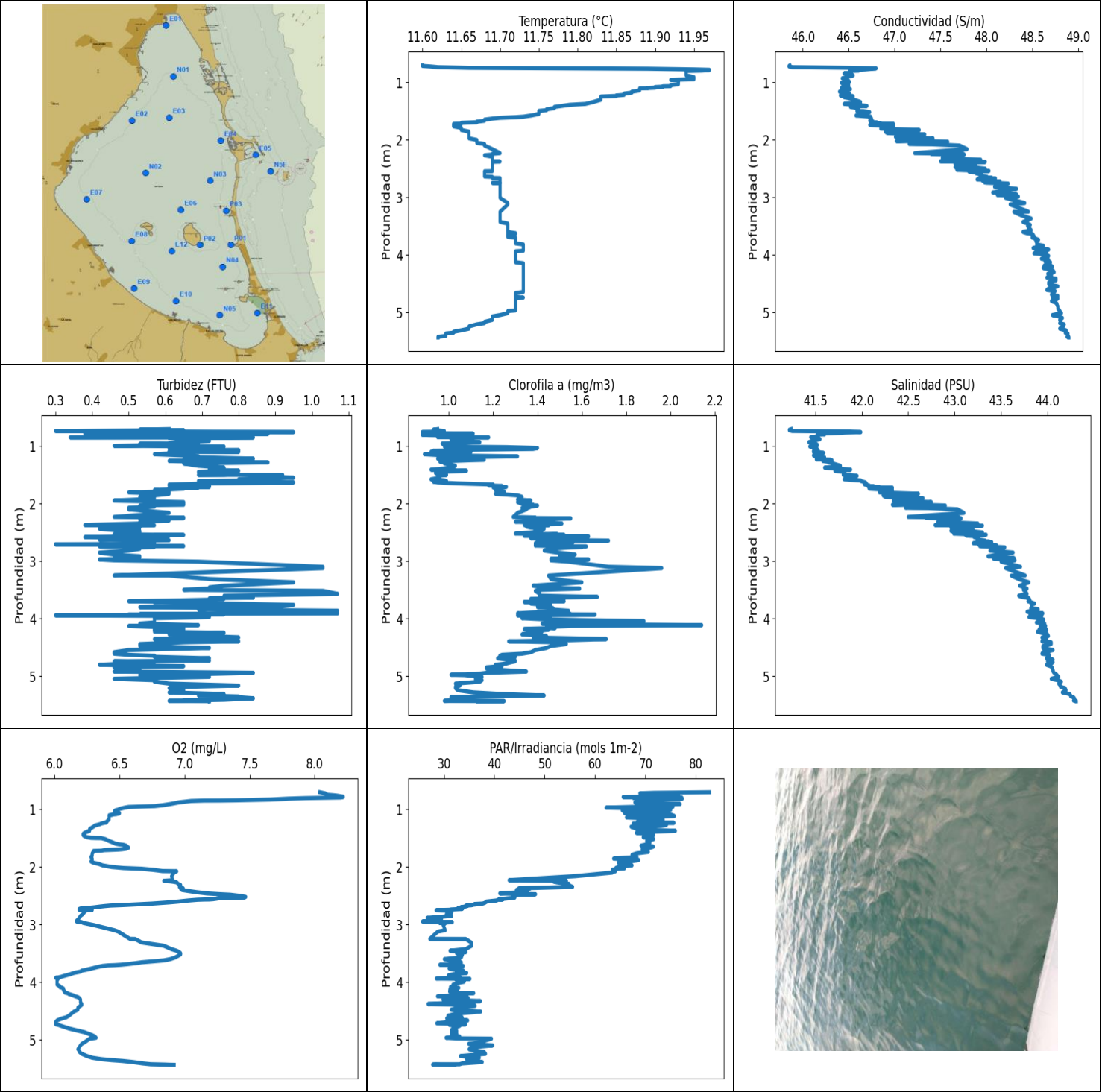
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.703                                                          | 10.87      | 47.02               | 0.76           | 8.86           | 67.42                       | 0.92              | 43.27           |
| 0.716                                                          | 10.91      | 46.9                | 0.72           | 8.87           | 63.67                       | 0.95              | 43.09           |
| 0.721                                                          | 10.92      | 46.82               | 0.72           | 8.88           | 64.79                       | 0.86              | 43.0            |
| 0.722                                                          | 10.88      | 46.77               | 0.72           | 8.89           | 60.77                       | 0.89              | 43.0            |
| 0.723                                                          | 10.81      | 46.75               | 0.76           | 8.91           | 62.68                       | 0.95              | 43.06           |
| 0.727                                                          | 10.75      | 46.75               | 0.69           | 8.93           | 59.24                       | 0.98              | 43.13           |
| 0.73                                                           | 10.7       | 46.74               | 0.72           | 8.95           | 59.99                       | 0.97              | 43.19           |
| 0.731                                                          | 10.67      | 46.78               | 0.84           | 8.97           | 58.41                       | 0.97              | 43.26           |
| 0.732                                                          | 10.65      | 47.58               | 0.92           | 8.93           | 61.07                       | 1.06              | 44.11           |
| 0.738                                                          | 10.78      | 48.41               | 0.72           | 8.89           | 59.81                       | 1.08              | 44.82           |
| 0.756                                                          | 11.05      | 48.37               | 0.76           | 8.88           | 60.27                       | 0.98              | 44.46           |
| 0.773                                                          | 11.2       | 48.1                | 0.72           | 8.89           | 62.39                       | 1.05              | 43.99           |
| 0.778                                                          | 11.28      | 47.84               | 0.72           | 8.86           | 57.45                       | 1.1               | 43.64           |
| 0.792                                                          | 11.29      | 47.87               | 0.76           | 8.78           | 58.63                       | 1.06              | 43.65           |
| 0.825                                                          | 11.26      | 48.07               | 0.84           | 8.69           | 58.48                       | 1.16              | 43.89           |
| 0.876                                                          | 11.24      | 48.13               | 0.57           | 8.57           | 56.38                       | 1.25              | 43.97           |
| 0.92                                                           | 11.25      | 47.94               | 0.84           | 8.48           | 54.78                       | 1.24              | 43.77           |
| 0.955                                                          | 11.26      | 47.85               | 0.57           | 8.37           | 53.6                        | 1.34              | 43.66           |
| 0.981                                                          | 11.26      | 47.86               | 0.8            | 8.26           | 53.49                       | 1.3               | 43.67           |
| 0.994                                                          | 11.26      | 47.99               | 0.53           | 8.16           | 53.89                       | 1.3               | 43.81           |
| 1.011                                                          | 11.26      | 48.07               | 0.65           | 8.06           | 52.93                       | 1.3               | 43.89           |
| 1.028                                                          | 11.27      | 47.98               | 0.69           | 7.97           | 49.69                       | 1.27              | 43.79           |
| 1.036                                                          | 11.28      | 47.89               | 0.5            | 7.74           | 51.46                       | 1.32              | 43.68           |
| 1.043                                                          | 11.29      | 48.07               | 0.69           | 7.61           | 51.01                       | 1.28              | 43.85           |
| 1.058                                                          | 11.31      | 48.07               | 0.69           | 7.48           | 52.06                       | 1.23              | 43.83           |
| 1.079                                                          | 11.33      | 47.99               | 0.61           | 7.37           | 52.19                       | 1.32              | 43.72           |
| 1.103                                                          | 11.34      | 47.84               | 0.69           | 7.28           | 50.78                       | 1.39              | 43.56           |
| 1.119                                                          | 11.35      | 47.83               | 0.76           | 7.21           | 51.14                       | 1.34              | 43.54           |
| 1.126                                                          | 11.36      | 47.9                | 0.61           | 7.14           | 50.81                       | 1.29              | 43.6            |
| 1.131                                                          | 11.36      | 48.07               | 0.69           | 7.1            | 50.7                        | 1.47              | 43.77           |
| 1.138                                                          | 11.37      | 48.09               | 0.69           | 7.08           | 50.21                       | 1.32              | 43.78           |
| 1.145                                                          | 11.39      | 47.94               | 0.72           | 7.08           | 49.99                       | 1.34              | 43.61           |
| 1.151                                                          | 11.4       | 47.93               | 0.5            | 7.07           | 50.2                        | 1.34              | 43.58           |
| 1.162                                                          | 11.41      | 48.03               | 0.84           | 7.04           | 51.02                       | 1.41              | 43.68           |
| 1.175                                                          | 11.43      | 48.08               | 0.57           | 7.02           | 50.64                       | 1.35              | 43.71           |
| 1.195                                                          | 11.44      | 48.12               | 0.72           | 6.98           | 49.88                       | 1.36              | 43.72           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.221 | 11.46 | 48.15 | 1.26 | 6.95 | 49.29 | 1.32 | 43.74 |
| 1.243 | 11.47 | 48.01 | 1.07 | 6.91 | 49.07 | 1.31 | 43.58 |
| 1.248 | 11.48 | 48.22 | 1.72 | 6.77 | 47.02 | 1.37 | 43.78 |
| 1.253 | 11.49 | 48.27 | 1.56 | 6.72 | 46.92 | 1.3  | 43.82 |
| 1.263 | 11.5  | 48.06 | 1.95 | 6.68 | 46.18 | 1.31 | 43.6  |
| 1.273 | 11.5  | 47.98 | 1.95 | 6.64 | 45.89 | 1.28 | 43.52 |
| 1.29  | 11.5  | 48.17 | 2.71 | 6.59 | 45.16 | 1.34 | 43.7  |
| 1.311 | 11.5  | 48.28 | 2.59 | 6.55 | 44.55 | 1.32 | 43.81 |
| 1.317 | 11.5  | 48.26 | 1.26 | 6.46 | 45.15 | 1.35 | 43.8  |
| 1.32  | 11.49 | 48.33 | 2.48 | 6.44 | 45.17 | 1.35 | 43.88 |
| 1.33  | 11.5  | 48.32 | 2.06 | 6.43 | 43.86 | 1.38 | 43.86 |
| 1.36  | 11.51 | 48.26 | 1.41 | 6.42 | 42.72 | 1.4  | 43.79 |
| 1.378 | 11.51 | 48.06 | 1.56 | 6.4  | 44.21 | 1.46 | 43.58 |
| 1.383 | 11.51 | 48.14 | 3.59 | 6.38 | 43.33 | 1.41 | 43.66 |
| 1.431 | 11.48 | 48.36 | 2.56 | 6.31 | 43.6  | 1.57 | 43.92 |
| 1.473 | 11.5  | 48.15 | 2.78 | 6.25 | 42.22 | 1.26 | 43.69 |
| 1.476 | 11.51 | 48.32 | 2.48 | 6.24 | 42.34 | 1.26 | 43.85 |
| 1.493 | 11.52 | 48.39 | 3.59 | 6.23 | 41.12 | 1.24 | 43.91 |
| 1.589 | 11.54 | 48.49 | 2.94 | 6.23 | 41.24 | 1.34 | 43.99 |
| 1.626 | 11.55 | 48.31 | 1.07 | 6.25 | 40.3  | 1.3  | 43.79 |
| 1.648 | 11.55 | 48.22 | 1.18 | 6.28 | 39.97 | 1.3  | 43.7  |
| 1.651 | 11.56 | 48.5  | 2.59 | 6.36 | 39.82 | 1.41 | 43.98 |
| 1.658 | 11.56 | 48.39 | 1.41 | 6.41 | 39.61 | 1.41 | 43.86 |
| 1.674 | 11.56 | 48.28 | 2.14 | 6.45 | 39.76 | 1.3  | 43.75 |
| 1.771 | 11.56 | 48.24 | 2.56 | 6.57 | 40.15 | 1.33 | 43.7  |
| 1.788 | 11.56 | 48.35 | 2.33 | 6.61 | 40.11 | 1.33 | 43.82 |
| 1.826 | 11.55 | 48.41 | 2.56 | 6.67 | 39.63 | 1.31 | 43.89 |
| 1.855 | 11.55 | 48.35 | 3.09 | 6.69 | 39.46 | 1.39 | 43.83 |
| 1.89  | 11.55 | 48.41 | 1.07 | 6.71 | 39.14 | 1.37 | 43.89 |
| 1.933 | 11.56 | 48.53 | 0.65 | 6.71 | 39.04 | 1.34 | 44.01 |
| 1.994 | 11.56 | 48.52 | 0.42 | 6.71 | 39.37 | 1.37 | 44.0  |
| 2.047 | 11.56 | 48.31 | 0.61 | 6.71 | 39.04 | 1.3  | 43.77 |
| 2.078 | 11.56 | 48.41 | 0.84 | 6.69 | 38.94 | 1.27 | 43.88 |
| 2.101 | 11.55 | 48.6  | 0.5  | 6.68 | 39.3  | 1.24 | 44.09 |
| 2.127 | 11.54 | 48.43 | 0.61 | 6.67 | 39.24 | 1.27 | 43.92 |
| 2.149 | 11.55 | 48.33 | 0.57 | 6.64 | 39.13 | 1.28 | 43.81 |
| 2.163 | 11.55 | 48.43 | 1.03 | 6.62 | 39.45 | 1.34 | 43.92 |
| 2.18  | 11.54 | 48.55 | 1.91 | 6.6  | 39.66 | 1.3  | 44.05 |
| 2.199 | 11.54 | 48.35 | 2.1  | 6.6  | 39.81 | 1.31 | 43.85 |
| 2.219 | 11.54 | 48.48 | 2.44 | 6.58 | 40.44 | 1.3  | 43.98 |
| 2.247 | 11.54 | 48.47 | 0.69 | 6.58 | 41.02 | 1.39 | 43.97 |
| 2.291 | 11.53 | 48.56 | 0.61 | 6.56 | 40.77 | 1.35 | 44.07 |
| 2.341 | 11.54 | 48.44 | 0.65 | 6.56 | 40.49 | 1.27 | 43.94 |
| 2.381 | 11.54 | 48.47 | 0.46 | 6.55 | 40.57 | 1.29 | 43.96 |
| 2.416 | 11.55 | 48.62 | 0.42 | 6.54 | 40.73 | 1.37 | 44.11 |
| 2.441 | 11.55 | 48.42 | 0.38 | 6.55 | 41.17 | 1.35 | 43.9  |
| 2.449 | 11.56 | 48.41 | 0.5  | 6.56 | 41.44 | 1.4  | 43.88 |
| 2.456 | 11.55 | 48.64 | 0.46 | 6.58 | 41.93 | 1.4  | 44.12 |
| 2.471 | 11.55 | 48.54 | 0.46 | 6.62 | 42.18 | 1.35 | 44.03 |
| 2.49  | 11.55 | 48.38 | 0.5  | 6.65 | 42.21 | 1.34 | 43.86 |
| 2.518 | 11.54 | 48.53 | 0.46 | 6.68 | 42.23 | 1.4  | 44.03 |
| 2.555 | 11.53 | 48.48 | 0.46 | 6.71 | 41.92 | 1.42 | 44.0  |
| 2.586 | 11.52 | 48.42 | 0.5  | 6.74 | 41.94 | 1.33 | 43.93 |
| 2.621 | 11.52 | 48.57 | 0.46 | 6.75 | 42.65 | 1.33 | 44.09 |
| 2.66  | 11.53 | 48.54 | 0.5  | 6.78 | 43.31 | 1.44 | 44.05 |
| 2.699 | 11.54 | 48.44 | 0.42 | 6.78 | 43.83 | 1.37 | 43.94 |
| 2.732 | 11.54 | 48.55 | 0.5  | 6.78 | 44.24 | 1.38 | 44.04 |
| 2.767 | 11.55 | 48.65 | 0.5  | 6.77 | 44.24 | 1.3  | 44.14 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.805 | 11.56 | 48.51 | 0.46 | 6.77 | 44.07 | 1.4  | 43.99 |
| 2.847 | 11.56 | 48.51 | 0.38 | 6.76 | 44.15 | 1.43 | 43.98 |
| 2.882 | 11.57 | 48.51 | 0.34 | 6.74 | 44.27 | 1.35 | 43.98 |
| 2.901 | 11.57 | 48.54 | 0.46 | 6.72 | 44.49 | 1.27 | 44.0  |
| 2.916 | 11.57 | 48.65 | 0.46 | 6.68 | 44.54 | 1.28 | 44.11 |
| 2.94  | 11.58 | 48.63 | 0.42 | 6.66 | 45.16 | 1.3  | 44.09 |
| 2.972 | 11.58 | 48.52 | 0.53 | 6.63 | 45.58 | 1.43 | 43.97 |
| 3.009 | 11.58 | 48.59 | 0.53 | 6.59 | 45.65 | 1.27 | 44.05 |
| 3.042 | 11.58 | 48.64 | 0.53 | 6.56 | 45.32 | 1.37 | 44.09 |
| 3.073 | 11.58 | 48.61 | 0.46 | 6.53 | 45.38 | 1.31 | 44.05 |
| 3.106 | 11.58 | 48.66 | 0.42 | 6.5  | 45.35 | 1.3  | 44.11 |
| 3.138 | 11.59 | 48.62 | 0.5  | 6.48 | 45.56 | 1.33 | 44.06 |
| 3.173 | 11.59 | 48.64 | 0.53 | 6.46 | 45.84 | 1.31 | 44.08 |
| 3.208 | 11.59 | 48.66 | 0.42 | 6.44 | 46.15 | 1.33 | 44.11 |
| 3.237 | 11.59 | 48.63 | 0.61 | 6.43 | 46.22 | 1.28 | 44.08 |
| 3.262 | 11.59 | 48.69 | 0.5  | 6.42 | 46.39 | 1.29 | 44.14 |
| 3.292 | 11.59 | 48.73 | 0.38 | 6.42 | 46.07 | 1.4  | 44.18 |
| 3.331 | 11.59 | 48.64 | 0.5  | 6.43 | 45.95 | 1.31 | 44.09 |
| 3.365 | 11.59 | 48.59 | 0.3  | 6.44 | 46.01 | 1.34 | 44.03 |
| 3.392 | 11.59 | 48.75 | 0.42 | 6.45 | 46.07 | 1.39 | 44.19 |
| 3.42  | 11.58 | 48.64 | 0.38 | 6.48 | 46.15 | 1.34 | 44.09 |
| 3.441 | 11.58 | 48.54 | 0.34 | 6.51 | 46.24 | 1.26 | 43.99 |
| 3.459 | 11.58 | 48.68 | 0.34 | 6.53 | 46.48 | 1.35 | 44.14 |
| 3.485 | 11.57 | 48.74 | 0.5  | 6.55 | 46.51 | 1.41 | 44.21 |
| 3.522 | 11.57 | 48.62 | 0.46 | 6.59 | 46.2  | 1.27 | 44.09 |
| 3.553 | 11.57 | 48.57 | 0.42 | 6.61 | 46.09 | 1.41 | 44.03 |
| 3.577 | 11.57 | 48.69 | 0.53 | 6.62 | 45.95 | 1.34 | 44.16 |
| 3.604 | 11.56 | 48.65 | 0.46 | 6.64 | 46.06 | 1.35 | 44.13 |
| 3.629 | 11.55 | 48.56 | 0.46 | 6.64 | 46.03 | 1.46 | 44.04 |
| 3.655 | 11.55 | 48.69 | 0.72 | 6.63 | 46.09 | 1.31 | 44.18 |
| 3.682 | 11.55 | 48.66 | 0.53 | 6.61 | 46.1  | 1.35 | 44.15 |
| 3.705 | 11.55 | 48.54 | 0.5  | 6.6  | 45.99 | 1.33 | 44.03 |
| 3.726 | 11.55 | 48.65 | 0.5  | 6.58 | 45.74 | 1.36 | 44.14 |
| 3.755 | 11.54 | 48.72 | 0.42 | 6.57 | 45.88 | 1.27 | 44.23 |
| 3.789 | 11.54 | 48.59 | 0.61 | 6.59 | 45.77 | 1.44 | 44.09 |
| 3.822 | 11.55 | 48.62 | 0.5  | 6.62 | 45.59 | 1.48 | 44.11 |
| 3.856 | 11.54 | 48.71 | 0.5  | 6.67 | 45.38 | 1.47 | 44.21 |
| 3.89  | 11.54 | 48.64 | 0.53 | 6.75 | 45.4  | 1.5  | 44.14 |
| 3.912 | 11.54 | 48.57 | 0.42 | 6.83 | 45.41 | 1.46 | 44.07 |
| 3.93  | 11.54 | 48.69 | 0.53 | 6.9  | 45.31 | 1.43 | 44.19 |
| 3.952 | 11.53 | 48.69 | 0.5  | 6.96 | 45.12 | 1.4  | 44.2  |
| 3.971 | 11.55 | 48.58 | 0.53 | 7.0  | 45.03 | 1.48 | 44.08 |
| 3.983 | 11.55 | 48.66 | 0.5  | 7.02 | 44.98 | 1.4  | 44.15 |
| 3.994 | 11.53 | 48.7  | 0.5  | 7.03 | 45.01 | 1.32 | 44.22 |
| 4.011 | 11.53 | 48.63 | 0.53 | 7.02 | 45.01 | 1.49 | 44.14 |
| 4.033 | 11.54 | 48.62 | 0.5  | 7.01 | 44.86 | 1.34 | 44.13 |
| 4.051 | 11.54 | 48.66 | 0.42 | 7.0  | 44.85 | 1.3  | 44.16 |
| 4.066 | 11.54 | 48.66 | 0.46 | 7.0  | 44.7  | 1.24 | 44.17 |
| 4.077 | 11.53 | 48.62 | 0.42 | 7.0  | 44.45 | 1.24 | 44.13 |
| 4.084 | 11.53 | 48.67 | 0.42 | 7.0  | 44.37 | 1.24 | 44.18 |
| 4.098 | 11.53 | 48.68 | 0.42 | 7.0  | 44.29 | 1.27 | 44.19 |
| 4.12  | 11.53 | 48.63 | 0.53 | 6.99 | 44.28 | 1.26 | 44.13 |
| 4.15  | 11.54 | 48.63 | 0.53 | 7.0  | 44.3  | 1.24 | 44.14 |
| 4.173 | 11.55 | 48.64 | 0.53 | 6.96 | 44.35 | 1.27 | 44.13 |
| 4.189 | 11.56 | 48.69 | 0.53 | 6.93 | 44.27 | 1.27 | 44.17 |
| 4.215 | 11.57 | 48.67 | 0.5  | 6.92 | 43.91 | 1.17 | 44.13 |
| 4.254 | 11.58 | 48.63 | 0.42 | 6.89 | 43.45 | 1.16 | 44.08 |
| 4.288 | 11.6  | 48.63 | 0.42 | 6.85 | 43.2  | 1.25 | 44.07 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.307 | 11.61 | 48.72 | 0.53 | 6.82 | 43.2  | 1.23 | 44.14 |
| 4.327 | 11.62 | 48.69 | 0.57 | 6.78 | 43.25 | 1.16 | 44.09 |
| 4.352 | 11.63 | 48.62 | 0.76 | 6.73 | 43.16 | 1.17 | 44.01 |
| 4.379 | 11.63 | 48.73 | 0.46 | 6.69 | 43.12 | 1.32 | 44.13 |
| 4.407 | 11.62 | 48.72 | 0.5  | 6.65 | 43.1  | 1.2  | 44.12 |
| 4.441 | 11.62 | 48.66 | 0.57 | 6.62 | 42.7  | 1.21 | 44.06 |
| 4.485 | 11.63 | 48.76 | 0.57 | 6.59 | 42.28 | 1.18 | 44.16 |
| 4.522 | 11.64 | 48.68 | 0.57 | 6.58 | 42.22 | 1.4  | 44.07 |
| 4.547 | 11.64 | 48.68 | 0.38 | 6.57 | 42.08 | 1.24 | 44.06 |
| 4.574 | 11.63 | 48.79 | 0.27 | 6.58 | 41.94 | 1.17 | 44.19 |
| 4.596 | 11.62 | 48.68 | 0.38 | 6.61 | 41.79 | 1.2  | 44.08 |
| 4.615 | 11.63 | 48.74 | 0.61 | 6.63 | 41.94 | 1.33 | 44.13 |
| 4.635 | 11.62 | 48.76 | 0.61 | 6.67 | 41.81 | 1.23 | 44.16 |
| 4.659 | 11.62 | 48.72 | 0.53 | 6.72 | 41.52 | 1.26 | 44.13 |
| 4.689 | 11.62 | 48.7  | 0.5  | 6.78 | 41.12 | 1.14 | 44.1  |
| 4.723 | 11.62 | 48.77 | 0.46 | 6.85 | 40.89 | 1.21 | 44.18 |
| 4.751 | 11.63 | 48.73 | 0.61 | 6.93 | 40.91 | 1.21 | 44.13 |
| 4.765 | 11.64 | 48.66 | 0.57 | 6.99 | 40.92 | 1.14 | 44.05 |
| 4.772 | 11.64 | 48.78 | 0.46 | 7.03 | 41.02 | 1.28 | 44.17 |
| 4.779 | 11.62 | 48.79 | 0.5  | 7.05 | 41.05 | 1.27 | 44.2  |
| 4.794 | 11.62 | 48.7  | 0.5  | 7.05 | 40.81 | 1.24 | 44.1  |
| 4.828 | 11.63 | 48.77 | 0.46 | 7.03 | 40.49 | 1.2  | 44.17 |
| 4.868 | 11.63 | 48.76 | 0.53 | 7.0  | 40.16 | 1.17 | 44.16 |
| 4.898 | 11.63 | 48.72 | 0.38 | 6.98 | 40.07 | 1.17 | 44.11 |
| 4.919 | 11.63 | 48.73 | 0.46 | 6.95 | 40.05 | 1.18 | 44.13 |
| 4.935 | 11.63 | 48.78 | 0.53 | 6.91 | 40.02 | 1.16 | 44.17 |
| 4.953 | 11.64 | 48.77 | 0.42 | 6.87 | 40.02 | 1.2  | 44.16 |
| 4.974 | 11.64 | 48.74 | 0.38 | 6.83 | 39.89 | 1.3  | 44.13 |
| 4.994 | 11.64 | 48.74 | 0.57 | 6.78 | 39.85 | 1.24 | 44.12 |
| 5.009 | 11.65 | 48.74 | 0.5  | 6.73 | 39.61 | 1.24 | 44.12 |
| 5.03  | 11.65 | 48.81 | 0.5  | 6.68 | 39.39 | 1.17 | 44.18 |
| 5.058 | 11.66 | 48.75 | 0.42 | 6.64 | 39.29 | 1.23 | 44.11 |
| 5.097 | 11.67 | 48.81 | 0.57 | 6.6  | 39.07 | 1.14 | 44.16 |
| 5.141 | 11.67 | 48.8  | 0.57 | 6.57 | 39.02 | 1.07 | 44.14 |
| 5.176 | 11.68 | 48.72 | 0.57 | 6.55 | 38.86 | 1.12 | 44.06 |
| 5.208 | 11.68 | 48.81 | 0.38 | 6.54 | 38.56 | 1.1  | 44.14 |
| 5.247 | 11.67 | 48.83 | 0.46 | 6.53 | 38.33 | 1.17 | 44.17 |
| 5.29  | 11.67 | 48.73 | 0.38 | 6.53 | 38.05 | 1.16 | 44.08 |
| 5.326 | 11.67 | 48.8  | 0.53 | 6.52 | 37.9  | 1.14 | 44.15 |
| 5.355 | 11.66 | 48.85 | 0.53 | 6.51 | 37.83 | 1.21 | 44.2  |
| 5.388 | 11.66 | 48.81 | 0.42 | 6.52 | 37.58 | 1.14 | 44.17 |
| 5.428 | 11.66 | 48.77 | 0.5  | 6.53 | 37.44 | 1.11 | 44.12 |
| 5.452 | 11.66 | 48.76 | 0.46 | 6.55 | 37.44 | 1.21 | 44.11 |
| 5.46  | 11.66 | 48.84 | 0.38 | 6.57 | 37.26 | 1.26 | 44.2  |
| 5.461 | 11.65 | 48.84 | 0.46 | 6.61 | 37.27 | 1.2  | 44.21 |
| 5.462 | 11.65 | 48.76 | 0.5  | 6.65 | 37.29 | 1.26 | 44.14 |



| 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                                                                       | 11.6       | 45.85               | 0.31           | 6.01           | 25.76                       | 0.88              | 41.22           |
| PROF (metros)                                                                | 0.705      | 0.715               | 0.737          | 3.926          | 2.949                       | 0.757             | 0.715           |
| MÁXIMO                                                                       | 11.97      | 11.97               | 1.07           | 8.22           | 82.68                       | 2.14              | 44.31           |
| PROF (metros)                                                                | 0.783      | 5.43                | 3.571          | 0.783          | 0.705                       | 4.115             | 5.433           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E04 - Punto 007                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.88      | 46.44               | 0.6            | 7.54           | 71.79                       | 1.0               | 41.52           |
| 1 - 2m                                                     | 11.78      | 46.66               | 0.7            | 6.38           | 70.11                       | 1.09              | 41.85           |
| 2 - 3m                                                     | 11.69      | 47.85               | 0.53           | 6.72           | 42.44                       | 1.44              | 43.16           |
| 3 - 4m                                                     | 11.72      | 48.51               | 0.73           | 6.42           | 32.33                       | 1.47              | 43.79           |
| 4 - 5m                                                     | 11.73      | 48.71               | 0.6            | 6.13           | 32.6                        | 1.38              | 43.99           |
| 5 - 6m                                                     | 11.66      | 48.85               | 0.68           | 6.44           | 34.82                       | 1.11              | 44.21           |

| 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                                                          | 11.6       | 45.86               | 0.61           | 8.04           | 82.68                       | 0.95              | 41.24           |
| 0.715                                                          | 11.6       | 45.85               | 0.53           | 8.06           | 71.73                       | 0.93              | 41.22           |
| 0.724                                                          | 11.61      | 45.85               | 0.65           | 8.08           | 68.88                       | 0.94              | 41.22           |
| 0.737                                                          | 11.62      | 45.89               | 0.3            | 8.09           | 76.56                       | 0.98              | 41.25           |
| 0.748                                                          | 11.66      | 46.56               | 0.61           | 8.09           | 73.96                       | 0.96              | 41.88           |
| 0.757                                                          | 11.78      | 46.8                | 0.95           | 8.14           | 75.15                       | 0.88              | 41.99           |
| 0.764                                                          | 11.89      | 46.76               | 0.53           | 8.17           | 70.04                       | 0.97              | 41.82           |
| 0.776                                                          | 11.95      | 46.68               | 0.57           | 8.2            | 72.53                       | 0.94              | 41.68           |
| 0.783                                                          | 11.97      | 46.6                | 0.38           | 8.22           | 72.06                       | 1.11              | 41.57           |
| 0.787                                                          | 11.97      | 46.59               | 0.88           | 8.22           | 65.56                       | 1.01              | 41.56           |
| 0.796                                                          | 11.96      | 46.61               | 0.46           | 8.2            | 77.18                       | 0.97              | 41.6            |
| 0.802                                                          | 11.94      | 46.52               | 0.42           | 8.05           | 67.96                       | 0.88              | 41.52           |
| 0.807                                                          | 11.94      | 46.51               | 0.65           | 7.93           | 67.61                       | 0.91              | 41.52           |
| 0.816                                                          | 11.94      | 46.53               | 0.57           | 7.8            | 77.32                       | 1.04              | 41.53           |
| 0.832                                                          | 11.94      | 46.53               | 0.61           | 7.66           | 71.61                       | 1.04              | 41.53           |
| 0.845                                                          | 11.94      | 46.45               | 0.72           | 7.4            | 72.75                       | 0.95              | 41.45           |
| 0.849                                                          | 11.94      | 46.5                | 0.34           | 7.27           | 69.33                       | 1.18              | 41.5            |
| 0.85                                                           | 11.94      | 46.48               | 0.84           | 7.15           | 71.63                       | 1.01              | 41.48           |
| 0.857                                                          | 11.94      | 46.51               | 0.61           | 7.05           | 72.99                       | 1.11              | 41.52           |
| 0.88                                                           | 11.94      | 46.55               | 0.65           | 6.96           | 67.88                       | 1.01              | 41.55           |
| 0.91                                                           | 11.95      | 46.48               | 0.72           | 6.89           | 76.88                       | 1.02              | 41.47           |
| 0.931                                                          | 11.95      | 46.43               | 0.65           | 6.83           | 68.12                       | 1.14              | 41.43           |
| 0.946                                                          | 11.95      | 46.46               | 0.61           | 6.77           | 68.61                       | 1.03              | 41.46           |
| 0.957                                                          | 11.92      | 46.46               | 0.65           | 6.61           | 75.45                       | 0.97              | 41.48           |
| 0.961                                                          | 11.93      | 46.48               | 0.53           | 6.57           | 67.25                       | 0.98              | 41.5            |
| 0.973                                                          | 11.93      | 46.5                | 0.69           | 6.54           | 62.18                       | 1.05              | 41.52           |
| 0.995                                                          | 11.93      | 46.51               | 0.46           | 6.5            | 74.52                       | 1.02              | 41.52           |
| 1.008                                                          | 11.93      | 46.42               | 0.76           | 6.49           | 75.01                       | 0.98              | 41.44           |
| 1.019                                                          | 11.93      | 46.48               | 0.69           | 6.47           | 65.38                       | 1.26              | 41.49           |
| 1.034                                                          | 11.93      | 46.5                | 0.61           | 6.46           | 70.25                       | 1.4               | 41.51           |
| 1.05                                                           | 11.92      | 46.47               | 0.65           | 6.46           | 74.61                       | 1.38              | 41.5            |
| 1.067                                                          | 11.92      | 46.5                | 0.69           | 6.46           | 65.82                       | 1.02              | 41.53           |
| 1.07                                                           | 11.91      | 46.46               | 0.8            | 6.5            | 69.41                       | 1.08              | 41.5            |
| 1.072                                                          | 11.91      | 46.46               | 0.76           | 6.49           | 73.77                       | 1.06              | 41.5            |
| 1.077                                                          | 11.91      | 46.44               | 0.65           | 6.48           | 69.13                       | 1.04              | 41.49           |
| 1.083                                                          | 11.9       | 46.43               | 0.8            | 6.48           | 68.53                       | 0.93              | 41.48           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.088 | 11.9  | 46.44 | 0.61 | 6.46 | 71.31 | 0.94 | 41.49 |
| 1.094 | 11.9  | 46.45 | 0.76 | 6.44 | 75.11 | 1.03 | 41.5  |
| 1.1   | 11.89 | 46.42 | 0.8  | 6.44 | 70.13 | 0.92 | 41.48 |
| 1.103 | 11.89 | 46.42 | 0.69 | 6.43 | 67.05 | 1.1  | 41.48 |
| 1.105 | 11.88 | 46.46 | 0.61 | 6.42 | 75.38 | 0.95 | 41.53 |
| 1.119 | 11.88 | 46.52 | 0.65 | 6.42 | 75.73 | 1.09 | 41.59 |
| 1.142 | 11.88 | 46.44 | 0.57 | 6.42 | 66.22 | 0.89 | 41.52 |
| 1.163 | 11.87 | 46.4  | 0.65 | 6.42 | 70.43 | 0.98 | 41.48 |
| 1.179 | 11.87 | 46.42 | 0.69 | 6.42 | 73.5  | 1.31 | 41.5  |
| 1.196 | 11.86 | 46.51 | 0.69 | 6.41 | 71.46 | 1.03 | 41.6  |
| 1.219 | 11.86 | 46.49 | 0.84 | 6.4  | 68.4  | 0.95 | 41.59 |
| 1.23  | 11.85 | 46.41 | 0.65 | 6.4  | 71.31 | 1.0  | 41.51 |
| 1.237 | 11.85 | 46.54 | 0.72 | 6.38 | 75.64 | 1.16 | 41.66 |
| 1.248 | 11.83 | 46.55 | 0.76 | 6.36 | 67.55 | 1.08 | 41.68 |
| 1.259 | 11.83 | 46.45 | 0.61 | 6.35 | 67.63 | 1.01 | 41.58 |
| 1.271 | 11.83 | 46.49 | 0.69 | 6.33 | 74.16 | 0.96 | 41.63 |
| 1.284 | 11.83 | 46.52 | 0.88 | 6.31 | 73.12 | 0.99 | 41.66 |
| 1.303 | 11.83 | 46.56 | 0.65 | 6.3  | 67.13 | 0.98 | 41.69 |
| 1.343 | 11.82 | 46.63 | 0.69 | 6.27 | 68.32 | 1.03 | 41.77 |
| 1.376 | 11.81 | 46.45 | 0.76 | 6.27 | 75.92 | 1.01 | 41.6  |
| 1.391 | 11.79 | 46.58 | 0.72 | 6.25 | 70.85 | 0.98 | 41.76 |
| 1.41  | 11.78 | 46.7  | 0.72 | 6.23 | 68.18 | 0.92 | 41.88 |
| 1.429 | 11.77 | 46.52 | 0.8  | 6.22 | 70.57 | 1.08 | 41.71 |
| 1.449 | 11.77 | 46.6  | 0.69 | 6.22 | 71.6  | 0.97 | 41.8  |
| 1.469 | 11.76 | 46.61 | 0.76 | 6.23 | 71.22 | 0.94 | 41.82 |
| 1.485 | 11.76 | 46.6  | 0.8  | 6.25 | 69.54 | 0.95 | 41.82 |
| 1.497 | 11.75 | 46.6  | 0.76 | 6.28 | 70.69 | 0.98 | 41.82 |
| 1.5   | 11.75 | 46.59 | 0.69 | 6.32 | 71.23 | 0.95 | 41.8  |
| 1.501 | 11.75 | 46.66 | 0.92 | 6.36 | 71.45 | 0.99 | 41.88 |
| 1.519 | 11.75 | 46.73 | 0.84 | 6.39 | 71.63 | 0.95 | 41.95 |
| 1.551 | 11.75 | 46.62 | 0.95 | 6.42 | 70.22 | 0.96 | 41.84 |
| 1.578 | 11.74 | 46.58 | 0.8  | 6.45 | 70.87 | 0.92 | 41.81 |
| 1.598 | 11.73 | 46.74 | 0.84 | 6.47 | 70.84 | 0.98 | 41.99 |
| 1.607 | 11.72 | 46.73 | 0.69 | 6.49 | 70.17 | 0.99 | 41.99 |
| 1.618 | 11.7  | 46.73 | 0.72 | 6.53 | 69.84 | 0.93 | 42.01 |
| 1.632 | 11.69 | 46.75 | 0.95 | 6.55 | 69.1  | 0.95 | 42.04 |
| 1.649 | 11.68 | 46.75 | 0.72 | 6.56 | 71.56 | 1.04 | 42.05 |
| 1.668 | 11.68 | 46.73 | 0.61 | 6.57 | 70.95 | 1.2  | 42.03 |
| 1.685 | 11.67 | 46.77 | 0.61 | 6.55 | 69.78 | 1.18 | 42.08 |
| 1.694 | 11.67 | 46.76 | 0.72 | 6.52 | 69.33 | 1.24 | 42.07 |
| 1.7   | 11.66 | 46.81 | 0.65 | 6.49 | 70.36 | 1.21 | 42.13 |
| 1.706 | 11.65 | 46.74 | 0.65 | 6.42 | 70.31 | 1.21 | 42.07 |
| 1.71  | 11.65 | 46.85 | 0.72 | 6.38 | 69.39 | 1.26 | 42.19 |
| 1.72  | 11.65 | 46.83 | 0.65 | 6.36 | 69.58 | 1.2  | 42.17 |
| 1.724 | 11.64 | 46.99 | 0.69 | 6.3  | 69.99 | 1.23 | 42.33 |
| 1.728 | 11.64 | 46.8  | 0.61 | 6.3  | 70.51 | 1.24 | 42.14 |
| 1.741 | 11.64 | 46.73 | 0.65 | 6.3  | 70.56 | 1.21 | 42.08 |
| 1.766 | 11.64 | 46.99 | 0.57 | 6.29 | 68.23 | 1.21 | 42.33 |
| 1.792 | 11.65 | 46.86 | 0.61 | 6.29 | 67.32 | 1.25 | 42.2  |
| 1.806 | 11.65 | 46.85 | 0.5  | 6.29 | 68.21 | 1.25 | 42.19 |
| 1.83  | 11.65 | 47.27 | 0.61 | 6.28 | 68.3  | 1.21 | 42.61 |
| 1.858 | 11.66 | 46.9  | 0.57 | 6.29 | 63.67 | 1.31 | 42.23 |
| 1.883 | 11.66 | 46.92 | 0.53 | 6.29 | 68.67 | 1.33 | 42.25 |
| 1.907 | 11.66 | 47.33 | 0.57 | 6.28 | 66.9  | 1.32 | 42.66 |
| 1.929 | 11.66 | 47.1  | 0.53 | 6.3  | 64.62 | 1.31 | 42.42 |
| 1.949 | 11.66 | 47.01 | 0.46 | 6.34 | 66.51 | 1.37 | 42.34 |
| 1.975 | 11.66 | 47.42 | 0.65 | 6.37 | 67.33 | 1.31 | 42.75 |
| 2.003 | 11.67 | 47.3  | 0.65 | 6.44 | 64.59 | 1.33 | 42.62 |

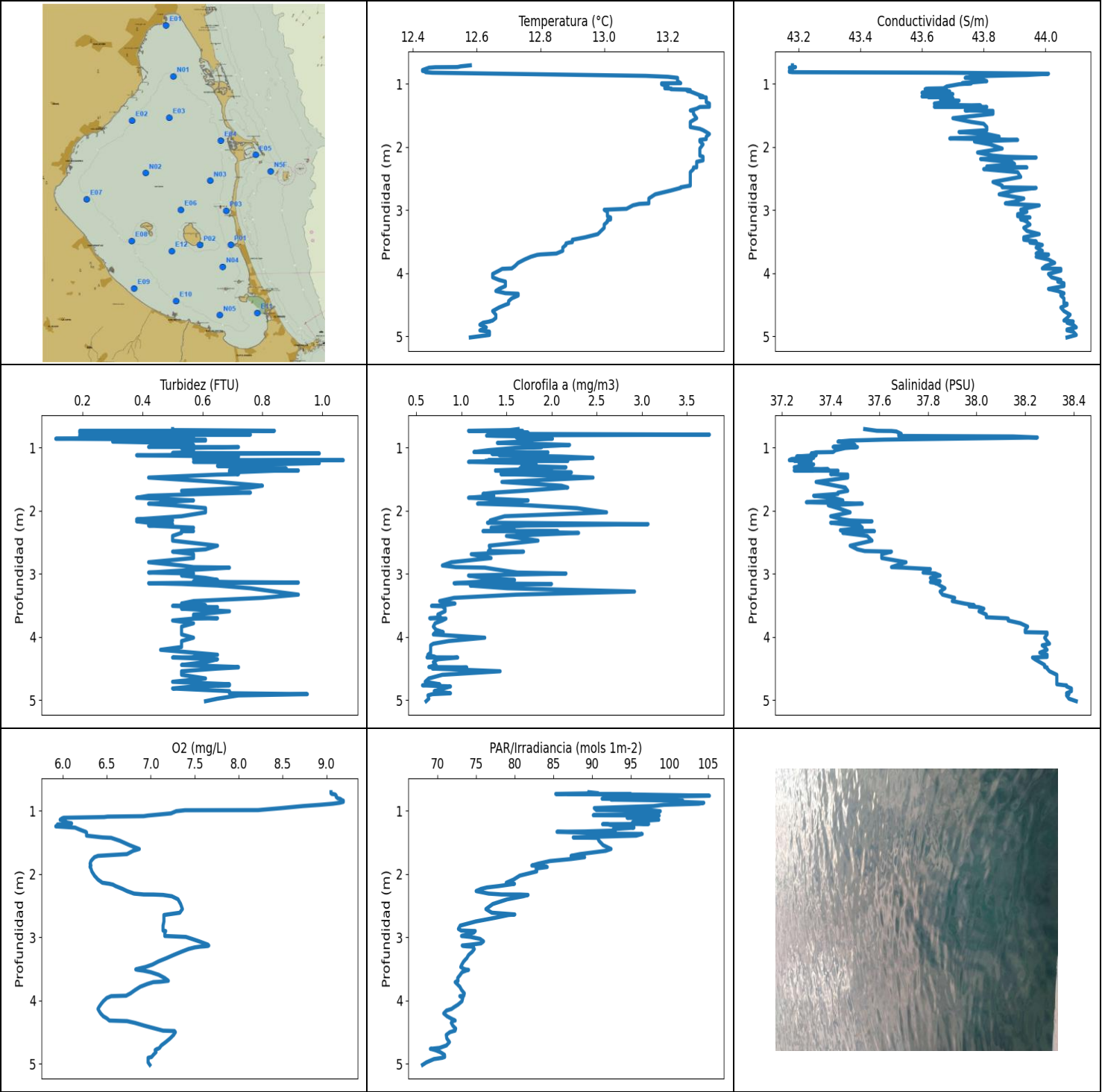


|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.021 | 11.67 | 47.02 | 0.65 | 6.53 | 64.1  | 1.38 | 42.33 |
| 2.027 | 11.67 | 47.43 | 0.57 | 6.6  | 65.82 | 1.37 | 42.75 |
| 2.034 | 11.67 | 47.58 | 0.53 | 6.67 | 64.53 | 1.4  | 42.9  |
| 2.053 | 11.67 | 47.19 | 0.57 | 6.76 | 63.41 | 1.37 | 42.5  |
| 2.073 | 11.68 | 47.16 | 0.5  | 6.83 | 63.44 | 1.36 | 42.47 |
| 2.076 | 11.68 | 47.24 | 0.53 | 6.93 | 64.04 | 1.33 | 42.55 |
| 2.078 | 11.68 | 47.41 | 0.53 | 6.94 | 63.75 | 1.34 | 42.72 |
| 2.1   | 11.68 | 47.71 | 0.5  | 6.92 | 63.38 | 1.35 | 43.03 |
| 2.162 | 11.69 | 47.79 | 0.61 | 6.9  | 56.04 | 1.31 | 43.1  |
| 2.232 | 11.7  | 47.22 | 0.46 | 6.91 | 42.94 | 1.29 | 42.5  |
| 2.243 | 11.69 | 47.75 | 0.65 | 6.84 | 54.31 | 1.39 | 43.05 |
| 2.247 | 11.69 | 47.4  | 0.61 | 6.87 | 52.86 | 1.37 | 42.69 |
| 2.251 | 11.69 | 47.51 | 0.65 | 6.89 | 51.95 | 1.34 | 42.8  |
| 2.257 | 11.69 | 47.76 | 0.61 | 6.91 | 51.78 | 1.55 | 43.07 |
| 2.269 | 11.68 | 47.54 | 0.53 | 6.94 | 52.42 | 1.48 | 42.85 |
| 2.295 | 11.69 | 47.53 | 0.61 | 6.95 | 54.82 | 1.4  | 42.84 |
| 2.316 | 11.69 | 47.52 | 0.53 | 6.97 | 54.62 | 1.3  | 42.82 |
| 2.347 | 11.69 | 47.94 | 0.53 | 6.96 | 55.54 | 1.51 | 43.25 |
| 2.374 | 11.69 | 47.5  | 0.38 | 6.99 | 44.83 | 1.34 | 42.79 |
| 2.379 | 11.7  | 47.67 | 0.57 | 6.98 | 47.03 | 1.45 | 42.96 |
| 2.384 | 11.69 | 47.99 | 0.5  | 6.97 | 46.79 | 1.42 | 43.3  |
| 2.401 | 11.69 | 47.83 | 0.5  | 6.98 | 44.39 | 1.35 | 43.14 |
| 2.419 | 11.69 | 47.66 | 0.53 | 7.03 | 46.62 | 1.37 | 42.96 |
| 2.439 | 11.69 | 47.84 | 0.42 | 7.09 | 45.67 | 1.43 | 43.14 |
| 2.461 | 11.69 | 47.89 | 0.46 | 7.17 | 41.09 | 1.42 | 43.2  |
| 2.475 | 11.69 | 47.66 | 0.53 | 7.27 | 48.19 | 1.39 | 42.96 |
| 2.484 | 11.69 | 47.89 | 0.53 | 7.35 | 44.65 | 1.39 | 43.2  |
| 2.503 | 11.69 | 47.99 | 0.53 | 7.42 | 44.15 | 1.38 | 43.3  |
| 2.522 | 11.69 | 47.68 | 0.5  | 7.47 | 43.67 | 1.3  | 42.99 |
| 2.533 | 11.69 | 47.83 | 0.46 | 7.46 | 44.08 | 1.49 | 43.13 |
| 2.542 | 11.69 | 48.03 | 0.57 | 7.42 | 43.4  | 1.44 | 43.34 |
| 2.546 | 11.69 | 48.0  | 0.65 | 7.27 | 42.76 | 1.52 | 43.32 |
| 2.548 | 11.68 | 47.9  | 0.57 | 7.25 | 42.56 | 1.37 | 43.21 |
| 2.551 | 11.68 | 47.81 | 0.61 | 7.25 | 42.27 | 1.43 | 43.12 |
| 2.561 | 11.68 | 47.85 | 0.61 | 7.22 | 40.96 | 1.34 | 43.16 |
| 2.566 | 11.68 | 47.89 | 0.5  | 7.19 | 41.62 | 1.39 | 43.2  |
| 2.567 | 11.68 | 47.95 | 0.53 | 7.15 | 41.65 | 1.59 | 43.26 |
| 2.571 | 11.68 | 47.9  | 0.5  | 7.1  | 40.77 | 1.63 | 43.22 |
| 2.584 | 11.68 | 47.89 | 0.38 | 7.03 | 40.44 | 1.4  | 43.21 |
| 2.603 | 11.68 | 47.94 | 0.57 | 6.95 | 38.42 | 1.37 | 43.26 |
| 2.617 | 11.68 | 47.95 | 0.5  | 6.88 | 38.27 | 1.47 | 43.26 |
| 2.629 | 11.68 | 47.95 | 0.42 | 6.81 | 38.0  | 1.44 | 43.27 |
| 2.638 | 11.68 | 47.99 | 0.61 | 6.75 | 37.67 | 1.57 | 43.31 |
| 2.645 | 11.69 | 48.01 | 0.53 | 6.69 | 36.08 | 1.72 | 43.33 |
| 2.65  | 11.69 | 47.93 | 0.53 | 6.65 | 36.55 | 1.43 | 43.24 |
| 2.655 | 11.69 | 47.97 | 0.53 | 6.6  | 36.1  | 1.4  | 43.28 |
| 2.66  | 11.69 | 48.06 | 0.57 | 6.56 | 35.57 | 1.48 | 43.37 |
| 2.664 | 11.69 | 47.95 | 0.53 | 6.52 | 35.54 | 1.49 | 43.25 |
| 2.667 | 11.7  | 47.95 | 0.57 | 6.48 | 35.44 | 1.56 | 43.25 |
| 2.672 | 11.7  | 48.1  | 0.53 | 6.43 | 34.35 | 1.56 | 43.4  |
| 2.68  | 11.7  | 47.98 | 0.5  | 6.39 | 34.64 | 1.46 | 43.28 |
| 2.69  | 11.7  | 47.9  | 0.57 | 6.35 | 34.17 | 1.39 | 43.2  |
| 2.702 | 11.7  | 48.06 | 0.57 | 6.31 | 33.33 | 1.46 | 43.36 |
| 2.709 | 11.7  | 48.07 | 0.3  | 6.28 | 33.9  | 1.48 | 43.37 |
| 2.714 | 11.7  | 47.96 | 0.46 | 6.25 | 32.79 | 1.48 | 43.26 |
| 2.718 | 11.7  | 48.02 | 0.53 | 6.23 | 32.8  | 1.39 | 43.32 |
| 2.724 | 11.7  | 48.15 | 0.5  | 6.2  | 33.02 | 1.4  | 43.45 |
| 2.731 | 11.7  | 48.09 | 0.53 | 6.19 | 33.64 | 1.39 | 43.39 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.74  | 11.7  | 47.98 | 0.65 | 6.19 | 31.44 | 1.48 | 43.27 |
| 2.746 | 11.7  | 48.0  | 0.42 | 6.19 | 31.1  | 1.62 | 43.29 |
| 2.749 | 11.69 | 48.04 | 0.5  | 6.29 | 29.95 | 1.5  | 43.35 |
| 2.755 | 11.7  | 48.16 | 0.57 | 6.25 | 28.44 | 1.6  | 43.46 |
| 2.762 | 11.7  | 48.24 | 0.53 | 6.24 | 31.32 | 1.55 | 43.54 |
| 2.787 | 11.7  | 48.13 | 0.53 | 6.23 | 31.57 | 1.46 | 43.42 |
| 2.817 | 11.7  | 48.09 | 0.5  | 6.22 | 30.51 | 1.43 | 43.38 |
| 2.852 | 11.7  | 48.33 | 0.42 | 6.2  | 31.53 | 1.49 | 43.63 |
| 2.887 | 11.7  | 48.17 | 0.46 | 6.19 | 26.67 | 1.57 | 43.47 |
| 2.916 | 11.7  | 48.07 | 0.53 | 6.18 | 29.52 | 1.5  | 43.36 |
| 2.935 | 11.7  | 48.25 | 0.53 | 6.17 | 29.26 | 1.56 | 43.54 |
| 2.949 | 11.7  | 48.33 | 0.46 | 6.17 | 25.76 | 1.54 | 43.64 |
| 2.96  | 11.7  | 48.12 | 0.5  | 6.21 | 31.67 | 1.46 | 43.42 |
| 2.972 | 11.7  | 48.28 | 0.42 | 6.22 | 29.11 | 1.63 | 43.58 |
| 2.987 | 11.7  | 48.35 | 0.46 | 6.25 | 30.21 | 1.46 | 43.65 |
| 3.01  | 11.7  | 48.21 | 0.69 | 6.3  | 29.86 | 1.54 | 43.5  |
| 3.1   | 11.71 | 48.42 | 1.03 | 6.46 | 30.27 | 1.72 | 43.71 |
| 3.124 | 11.71 | 48.26 | 1.03 | 6.49 | 28.78 | 1.96 | 43.55 |
| 3.251 | 11.7  | 48.46 | 0.46 | 6.58 | 27.21 | 1.46 | 43.76 |
| 3.253 | 11.7  | 48.3  | 0.61 | 6.62 | 34.33 | 1.45 | 43.61 |
| 3.313 | 11.7  | 48.38 | 0.72 | 6.67 | 35.42 | 1.46 | 43.69 |
| 3.37  | 11.7  | 48.49 | 0.95 | 6.84 | 35.5  | 1.6  | 43.8  |
| 3.429 | 11.7  | 48.4  | 0.76 | 6.9  | 34.31 | 1.38 | 43.7  |
| 3.457 | 11.71 | 48.45 | 0.72 | 6.94 | 31.22 | 1.42 | 43.75 |
| 3.48  | 11.71 | 48.48 | 0.72 | 6.96 | 34.36 | 1.59 | 43.78 |
| 3.5   | 11.71 | 48.45 | 0.65 | 6.97 | 32.51 | 1.42 | 43.74 |
| 3.519 | 11.71 | 48.46 | 1.03 | 6.97 | 33.69 | 1.39 | 43.76 |
| 3.571 | 11.71 | 48.49 | 1.07 | 6.93 | 33.46 | 1.41 | 43.78 |
| 3.602 | 11.71 | 48.4  | 0.76 | 6.89 | 30.08 | 1.41 | 43.69 |
| 3.624 | 11.72 | 48.44 | 0.76 | 6.84 | 31.39 | 1.67 | 43.72 |
| 3.636 | 11.72 | 48.5  | 0.84 | 6.78 | 33.14 | 1.45 | 43.79 |
| 3.646 | 11.71 | 48.51 | 0.72 | 6.73 | 31.97 | 1.52 | 43.8  |
| 3.657 | 11.71 | 48.5  | 0.76 | 6.67 | 33.46 | 1.37 | 43.79 |
| 3.673 | 11.71 | 48.52 | 0.72 | 6.62 | 31.2  | 1.42 | 43.81 |
| 3.689 | 11.71 | 48.52 | 0.61 | 6.56 | 32.17 | 1.38 | 43.81 |
| 3.7   | 11.72 | 48.5  | 0.5  | 6.51 | 29.19 | 1.52 | 43.79 |
| 3.707 | 11.72 | 48.53 | 0.57 | 6.46 | 33.12 | 1.4  | 43.81 |
| 3.711 | 11.72 | 48.52 | 0.61 | 6.41 | 33.05 | 1.34 | 43.81 |
| 3.72  | 11.72 | 48.54 | 0.57 | 6.37 | 33.84 | 1.46 | 43.83 |
| 3.739 | 11.72 | 48.57 | 0.76 | 6.33 | 32.47 | 1.37 | 43.86 |
| 3.762 | 11.72 | 48.54 | 0.95 | 6.29 | 31.03 | 1.42 | 43.83 |
| 3.783 | 11.72 | 48.55 | 0.92 | 6.25 | 31.86 | 1.46 | 43.83 |
| 3.802 | 11.72 | 48.55 | 0.53 | 6.21 | 33.89 | 1.4  | 43.83 |
| 3.819 | 11.73 | 48.55 | 0.76 | 6.2  | 32.51 | 1.47 | 43.82 |
| 3.841 | 11.73 | 48.62 | 0.69 | 6.15 | 34.54 | 1.45 | 43.9  |
| 3.865 | 11.73 | 48.55 | 1.07 | 6.12 | 31.95 | 1.54 | 43.82 |
| 3.883 | 11.73 | 48.51 | 0.84 | 6.09 | 30.89 | 1.46 | 43.78 |
| 3.896 | 11.73 | 48.61 | 0.95 | 6.07 | 32.72 | 1.37 | 43.88 |
| 3.91  | 11.73 | 48.68 | 1.07 | 6.05 | 30.96 | 1.31 | 43.95 |
| 3.92  | 11.73 | 48.56 | 0.57 | 6.03 | 32.82 | 1.32 | 43.83 |
| 3.925 | 11.73 | 48.54 | 0.53 | 6.02 | 30.95 | 1.55 | 43.81 |
| 3.926 | 11.73 | 48.63 | 0.76 | 6.01 | 33.35 | 1.46 | 43.91 |
| 3.93  | 11.73 | 48.61 | 0.5  | 6.02 | 32.14 | 1.66 | 43.89 |
| 3.939 | 11.72 | 48.56 | 0.61 | 6.03 | 28.5  | 1.57 | 43.84 |
| 3.942 | 11.72 | 48.57 | 0.57 | 6.03 | 32.74 | 1.46 | 43.85 |
| 3.945 | 11.72 | 48.66 | 0.3  | 6.02 | 35.17 | 1.31 | 43.94 |
| 3.958 | 11.72 | 48.63 | 0.72 | 6.02 | 32.38 | 1.46 | 43.92 |
| 3.975 | 11.72 | 48.52 | 0.72 | 6.02 | 34.1  | 1.36 | 43.8  |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 3.994 | 11.72 | 48.64 | 0.57 | 6.02 | 34.01 | 1.33 | 43.92 |
| 4.019 | 11.72 | 48.68 | 0.57 | 6.02 | 32.7  | 1.46 | 43.96 |
| 4.046 | 11.72 | 48.64 | 0.57 | 6.02 | 31.79 | 1.88 | 43.92 |
| 4.069 | 11.72 | 48.6  | 0.57 | 6.04 | 32.3  | 1.55 | 43.88 |
| 4.087 | 11.72 | 48.68 | 0.53 | 6.04 | 31.3  | 1.42 | 43.97 |
| 4.101 | 11.72 | 48.66 | 0.61 | 6.06 | 32.96 | 1.72 | 43.95 |
| 4.115 | 11.72 | 48.64 | 0.69 | 6.07 | 32.53 | 2.14 | 43.92 |
| 4.13  | 11.72 | 48.7  | 0.5  | 6.07 | 31.18 | 1.55 | 43.98 |
| 4.147 | 11.73 | 48.69 | 0.57 | 6.07 | 32.7  | 1.44 | 43.97 |
| 4.165 | 11.73 | 48.65 | 0.65 | 6.08 | 31.13 | 1.48 | 43.92 |
| 4.181 | 11.73 | 48.65 | 0.65 | 6.08 | 31.75 | 1.34 | 43.92 |
| 4.189 | 11.73 | 48.63 | 0.57 | 6.09 | 31.41 | 1.34 | 43.91 |
| 4.192 | 11.73 | 48.71 | 0.61 | 6.1  | 35.93 | 1.45 | 43.99 |
| 4.207 | 11.73 | 48.72 | 0.57 | 6.11 | 32.38 | 1.42 | 43.99 |
| 4.228 | 11.73 | 48.62 | 0.57 | 6.14 | 33.93 | 1.42 | 43.89 |
| 4.248 | 11.73 | 48.67 | 0.76 | 6.16 | 28.73 | 1.38 | 43.94 |
| 4.262 | 11.73 | 48.71 | 0.69 | 6.18 | 34.48 | 1.35 | 43.99 |
| 4.276 | 11.73 | 48.73 | 0.61 | 6.19 | 34.84 | 1.33 | 44.0  |
| 4.303 | 11.73 | 48.74 | 0.72 | 6.2  | 29.83 | 1.44 | 44.01 |
| 4.33  | 11.73 | 48.67 | 0.8  | 6.2  | 37.24 | 1.38 | 43.94 |
| 4.357 | 11.73 | 48.71 | 0.57 | 6.2  | 32.21 | 1.71 | 43.99 |
| 4.381 | 11.73 | 48.71 | 0.65 | 6.21 | 26.86 | 1.5  | 43.98 |
| 4.396 | 11.73 | 48.66 | 0.8  | 6.21 | 35.93 | 1.27 | 43.94 |
| 4.413 | 11.73 | 48.76 | 0.65 | 6.2  | 36.21 | 1.49 | 44.04 |
| 4.443 | 11.73 | 48.76 | 0.53 | 6.18 | 32.91 | 1.53 | 44.04 |
| 4.479 | 11.73 | 48.68 | 0.53 | 6.18 | 31.44 | 1.46 | 43.95 |
| 4.512 | 11.73 | 48.68 | 0.72 | 6.15 | 37.31 | 1.44 | 43.95 |
| 4.549 | 11.73 | 48.78 | 0.5  | 6.13 | 32.29 | 1.39 | 44.06 |
| 4.586 | 11.73 | 48.68 | 0.46 | 6.11 | 30.8  | 1.37 | 43.95 |
| 4.612 | 11.73 | 48.66 | 0.46 | 6.09 | 33.61 | 1.33 | 43.94 |
| 4.631 | 11.73 | 48.75 | 0.5  | 6.06 | 30.56 | 1.24 | 44.02 |
| 4.647 | 11.73 | 48.74 | 0.57 | 6.04 | 33.14 | 1.23 | 44.02 |
| 4.666 | 11.72 | 48.73 | 0.57 | 6.02 | 34.72 | 1.3  | 44.01 |
| 4.692 | 11.72 | 48.71 | 0.72 | 6.01 | 30.84 | 1.22 | 43.99 |
| 4.716 | 11.72 | 48.78 | 0.61 | 6.01 | 28.59 | 1.27 | 44.06 |
| 4.733 | 11.72 | 48.72 | 0.72 | 6.01 | 34.32 | 1.3  | 44.0  |
| 4.744 | 11.73 | 48.72 | 0.46 | 6.03 | 31.1  | 1.3  | 44.0  |
| 4.76  | 11.72 | 48.78 | 0.57 | 6.05 | 33.15 | 1.28 | 44.06 |
| 4.782 | 11.72 | 48.75 | 0.5  | 6.08 | 31.8  | 1.26 | 44.04 |
| 4.805 | 11.72 | 48.71 | 0.42 | 6.11 | 32.5  | 1.21 | 43.99 |
| 4.828 | 11.72 | 48.75 | 0.65 | 6.15 | 31.54 | 1.24 | 44.03 |
| 4.849 | 11.72 | 48.77 | 0.46 | 6.19 | 32.55 | 1.17 | 44.05 |
| 4.87  | 11.72 | 48.77 | 0.5  | 6.23 | 31.47 | 1.17 | 44.05 |
| 4.896 | 11.72 | 48.78 | 0.53 | 6.26 | 32.56 | 1.24 | 44.06 |
| 4.922 | 11.72 | 48.78 | 0.46 | 6.29 | 31.47 | 1.35 | 44.06 |
| 4.944 | 11.72 | 48.78 | 0.84 | 6.31 | 33.12 | 1.17 | 44.07 |
| 4.967 | 11.72 | 48.8  | 0.69 | 6.32 | 30.43 | 1.12 | 44.09 |
| 4.978 | 11.71 | 48.8  | 0.65 | 6.29 | 32.6  | 1.01 | 44.1  |
| 4.983 | 11.71 | 48.8  | 0.53 | 6.27 | 39.44 | 1.07 | 44.1  |
| 5.015 | 11.71 | 48.82 | 0.72 | 6.25 | 38.16 | 1.15 | 44.12 |
| 5.048 | 11.7  | 48.72 | 0.46 | 6.23 | 37.65 | 1.12 | 44.04 |
| 5.072 | 11.69 | 48.79 | 0.57 | 6.21 | 34.92 | 1.15 | 44.11 |
| 5.099 | 11.69 | 48.83 | 0.57 | 6.2  | 39.68 | 1.14 | 44.15 |
| 5.132 | 11.69 | 48.8  | 0.61 | 6.19 | 35.73 | 1.03 | 44.12 |
| 5.166 | 11.68 | 48.81 | 0.8  | 6.18 | 35.0  | 1.05 | 44.14 |
| 5.189 | 11.68 | 48.8  | 0.65 | 6.19 | 35.94 | 1.03 | 44.14 |
| 5.21  | 11.67 | 48.85 | 0.61 | 6.19 | 37.95 | 1.03 | 44.19 |
| 5.246 | 11.66 | 48.84 | 0.65 | 6.21 | 38.26 | 1.04 | 44.2  |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 5.285 | 11.66 | 48.8  | 0.61 | 6.25 | 33.29 | 1.11 | 44.16 |
| 5.314 | 11.65 | 48.87 | 0.76 | 6.29 | 37.02 | 1.24 | 44.24 |
| 5.339 | 11.64 | 48.87 | 0.69 | 6.36 | 34.48 | 1.43 | 44.25 |
| 5.356 | 11.64 | 48.86 | 0.8  | 6.44 | 35.59 | 1.21 | 44.25 |
| 5.369 | 11.63 | 48.89 | 0.8  | 6.52 | 35.47 | 1.01 | 44.28 |
| 5.388 | 11.63 | 48.89 | 0.84 | 6.6  | 37.61 | 1.06 | 44.29 |
| 5.413 | 11.63 | 48.89 | 0.76 | 6.68 | 33.58 | 1.04 | 44.29 |
| 5.427 | 11.62 | 48.88 | 0.65 | 6.74 | 33.12 | 1.04 | 44.28 |
| 5.43  | 11.62 | 48.9  | 0.69 | 6.81 | 28.39 | 1.01 | 44.3  |
| 5.433 | 11.62 | 48.9  | 0.61 | 6.85 | 27.77 | 0.98 | 44.31 |
| 5.436 | 11.62 | 48.9  | 0.72 | 6.88 | 29.44 | 1.25 | 44.31 |
| 5.438 | 11.62 | 48.9  | 0.72 | 6.92 | 32.14 | 1.13 | 44.31 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 12.43      | 43.17               | 0.11           | 5.92           | 68.08                       | 0.57              | 37.23           |
| PROF (metros)                                                                | 0.781      | 0.744               | 0.859          | 1.246          | 5.021                       | 4.769             | 1.197           |
| MÁXIMO                                                                       | 13.33      | 13.33               | 1.07           | 9.19           | 105.14                      | 3.75              | 38.41           |
| PROF (metros)                                                                | 1.312      | 4.861               | 1.199          | 0.839          | 0.762                       | 0.794             | 5.021           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E05 - Punto 008                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 12.75      | 43.46               | 0.46           | 8.89           | 95.56                       | 1.7               | 37.65           |
| 1 - 2m                                                     | 13.29      | 43.72               | 0.67           | 6.36           | 91.66                       | 1.66              | 37.35           |
| 2 - 3m                                                     | 13.23      | 43.88               | 0.53           | 6.98           | 77.21                       | 1.54              | 37.56           |
| 3 - 4m                                                     | 12.9       | 43.96               | 0.61           | 7.14           | 73.64                       | 1.03              | 37.98           |
| 4 - 5m                                                     | 12.67      | 44.06               | 0.61           | 6.87           | 71.21                       | 0.76              | 38.31           |
| 5 - 6m                                                     | 12.58      | 44.07               | 0.61           | 6.99           | 68.08                       | 0.61              | 38.41           |

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

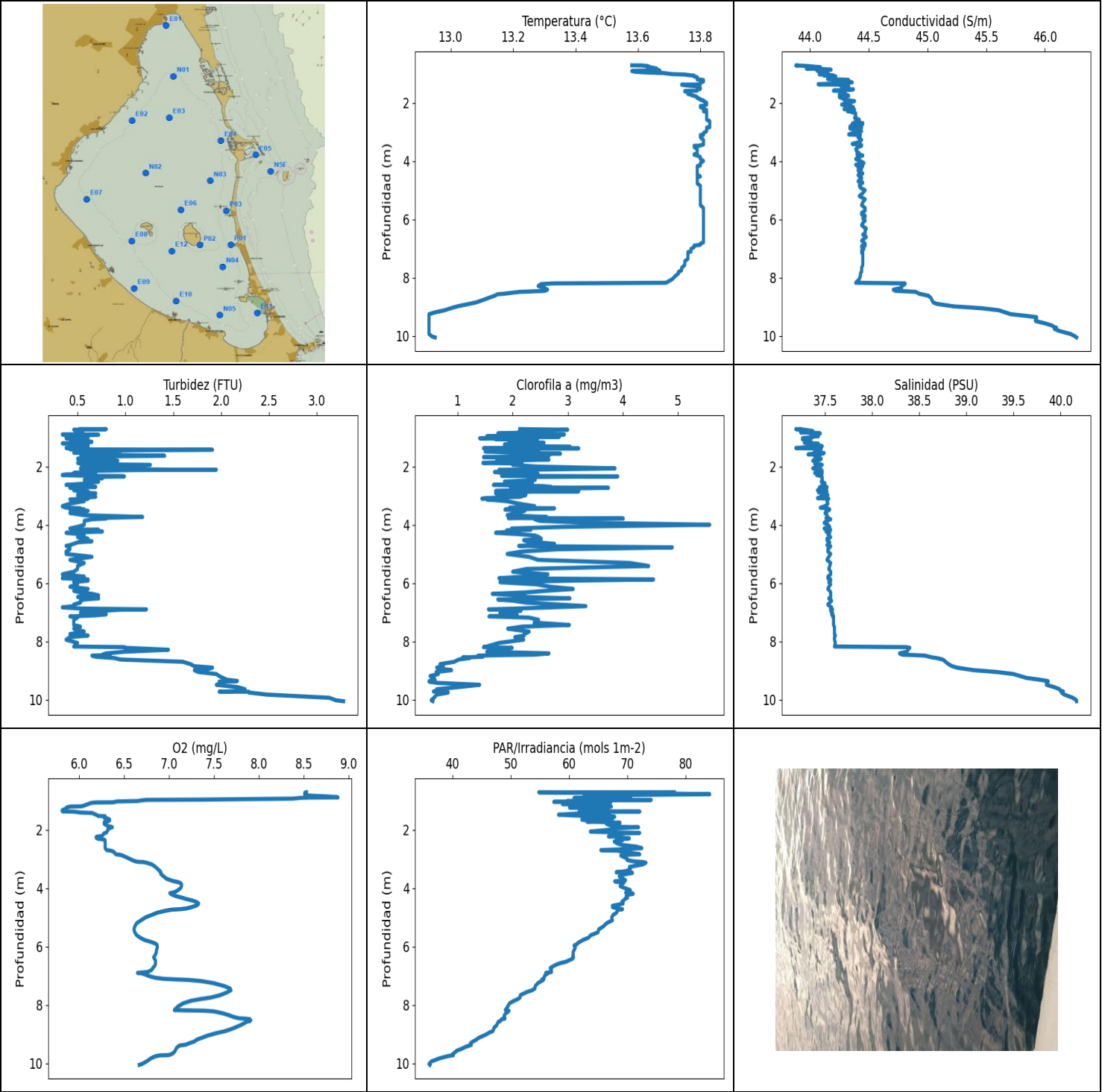
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706                                                          | 12.58      | 43.18               | 0.5            | 9.05           | 89.58                       | 1.63              | 37.54           |
| 0.722                                                          | 12.55      | 43.18               | 0.5            | 9.05           | 90.77                       | 1.54              | 37.57           |
| 0.733                                                          | 12.54      | 43.18               | 0.84           | 9.06           | 85.29                       | 1.14              | 37.59           |
| 0.734                                                          | 12.53      | 43.19               | 0.19           | 9.06           | 91.05                       | 1.08              | 37.6            |
| 0.735                                                          | 12.5       | 43.18               | 0.34           | 9.07           | 94.97                       | 1.68              | 37.62           |
| 0.736                                                          | 12.47      | 43.18               | 0.46           | 9.08           | 86.9                        | 1.61              | 37.65           |
| 0.744                                                          | 12.45      | 43.17               | 0.53           | 9.1            | 96.21                       | 1.29              | 37.67           |
| 0.762                                                          | 12.44      | 43.18               | 0.19           | 9.11           | 105.14                      | 1.74              | 37.68           |
| 0.781                                                          | 12.43      | 43.18               | 0.42           | 9.11           | 97.08                       | 1.35              | 37.69           |
| 0.794                                                          | 12.43      | 43.17               | 0.76           | 9.12           | 99.11                       | 3.75              | 37.68           |
| 0.804                                                          | 12.44      | 43.17               | 0.19           | 9.13           | 95.06                       | 1.75              | 37.68           |
| 0.809                                                          | 12.44      | 43.17               | 0.19           | 9.15           | 91.28                       | 1.28              | 37.68           |
| 0.815                                                          | 12.44      | 43.18               | 0.57           | 9.16           | 94.16                       | 1.4               | 37.69           |
| 0.823                                                          | 12.46      | 43.68               | 0.42           | 9.16           | 92.45                       | 1.77              | 38.15           |
| 0.839                                                          | 12.68      | 44.01               | 0.57           | 9.19           | 101.69                      | 1.61              | 38.25           |
| 0.859                                                          | 12.97      | 43.94               | 0.11           | 9.19           | 101.53                      | 2.01              | 37.88           |
| 0.873                                                          | 13.13      | 43.82               | 0.61           | 9.15           | 104.41                      | 1.8               | 37.62           |
| 0.888                                                          | 13.2       | 43.76               | 0.61           | 9.07           | 103.76                      | 1.73              | 37.48           |
| 0.905                                                          | 13.23      | 43.74               | 0.3            | 8.93           | 99.25                       | 1.66              | 37.43           |
| 0.925                                                          | 13.23      | 43.79               | 0.5            | 8.73           | 97.92                       | 1.4               | 37.48           |
| 0.957                                                          | 13.23      | 43.81               | 0.57           | 8.49           | 90.27                       | 2.2               | 37.5            |
| 0.989                                                          | 13.24      | 43.73               | 0.42           | 8.22           | 90.54                       | 1.77              | 37.41           |
| 0.99                                                           | 13.2       | 43.73               | 0.5            | 7.53           | 97.58                       | 1.68              | 37.45           |
| 0.991                                                          | 13.18      | 43.76               | 0.72           | 7.39           | 97.47                       | 1.89              | 37.51           |
| 1.006                                                          | 13.18      | 43.72               | 0.53           | 7.29           | 98.79                       | 1.59              | 37.46           |
| 1.041                                                          | 13.2       | 43.68               | 0.57           | 7.23           | 98.26                       | 1.3               | 37.42           |
| 1.07                                                           | 13.19      | 43.67               | 0.53           | 7.01           | 90.14                       | 1.14              | 37.41           |
| 1.075                                                          | 13.21      | 43.62               | 0.57           | 6.97           | 98.65                       | 1.96              | 37.34           |
| 1.085                                                          | 13.21      | 43.61               | 0.5            | 6.92           | 96.39                       | 1.85              | 37.33           |
| 1.092                                                          | 13.26      | 43.65               | 0.99           | 6.51           | 94.99                       | 1.61              | 37.32           |
| 1.099                                                          | 13.27      | 43.68               | 0.65           | 6.47           | 95.43                       | 1.34              | 37.34           |
| 1.11                                                           | 13.26      | 43.65               | 0.69           | 6.01           | 94.51                       | 1.71              | 37.32           |
| 1.121                                                          | 13.27      | 43.69               | 0.38           | 5.99           | 96.61                       | 1.42              | 37.34           |
| 1.141                                                          | 13.28      | 43.6                | 0.72           | 5.97           | 98.6                        | 2.11              | 37.26           |
| 1.162                                                          | 13.29      | 43.7                | 0.65           | 6.03           | 96.12                       | 2.46              | 37.33           |
| 1.18                                                           | 13.3       | 43.61               | 0.57           | 6.03           | 95.24                       | 2.11              | 37.24           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.197 | 13.31 | 43.61 | 0.65 | 6.09 | 95.15 | 1.3  | 37.23 |
| 1.199 | 13.31 | 43.6  | 1.07 | 6.1  | 95.86 | 1.5  | 37.23 |
| 1.208 | 13.3  | 43.69 | 0.72 | 6.07 | 97.29 | 1.82 | 37.32 |
| 1.209 | 13.3  | 43.62 | 0.76 | 6.06 | 95.57 | 1.27 | 37.25 |
| 1.212 | 13.31 | 43.67 | 0.69 | 6.04 | 91.34 | 2.18 | 37.29 |
| 1.215 | 13.32 | 43.69 | 0.95 | 5.94 | 92.07 | 1.29 | 37.3  |
| 1.226 | 13.32 | 43.7  | 0.57 | 5.94 | 92.43 | 1.08 | 37.31 |
| 1.246 | 13.32 | 43.66 | 0.99 | 5.92 | 94.34 | 1.75 | 37.27 |
| 1.266 | 13.32 | 43.72 | 0.8  | 6.14 | 95.39 | 1.83 | 37.33 |
| 1.29  | 13.32 | 43.67 | 0.65 | 6.18 | 92.73 | 1.67 | 37.28 |
| 1.312 | 13.33 | 43.64 | 0.76 | 6.22 | 92.97 | 2.16 | 37.25 |
| 1.327 | 13.33 | 43.68 | 0.8  | 6.25 | 89.06 | 1.65 | 37.28 |
| 1.332 | 13.33 | 43.66 | 0.88 | 6.26 | 85.45 | 2.0  | 37.26 |
| 1.343 | 13.33 | 43.79 | 0.76 | 6.27 | 88.26 | 1.72 | 37.39 |
| 1.361 | 13.33 | 43.7  | 0.69 | 6.27 | 91.13 | 1.38 | 37.3  |
| 1.363 | 13.33 | 43.64 | 0.92 | 6.27 | 93.36 | 1.4  | 37.25 |
| 1.366 | 13.3  | 43.81 | 0.84 | 6.27 | 96.46 | 1.38 | 37.43 |
| 1.393 | 13.29 | 43.79 | 0.69 | 6.27 | 95.68 | 2.22 | 37.42 |
| 1.421 | 13.27 | 43.74 | 0.72 | 6.45 | 87.55 | 1.44 | 37.4  |
| 1.428 | 13.28 | 43.83 | 0.65 | 6.55 | 90.69 | 1.69 | 37.47 |
| 1.475 | 13.28 | 43.83 | 0.42 | 6.65 | 90.88 | 2.46 | 37.47 |
| 1.544 | 13.29 | 43.7  | 0.65 | 6.76 | 91.41 | 1.45 | 37.34 |
| 1.604 | 13.27 | 43.76 | 0.8  | 6.87 | 92.43 | 2.11 | 37.42 |
| 1.633 | 13.27 | 43.8  | 0.76 | 6.8  | 91.75 | 2.18 | 37.46 |
| 1.685 | 13.27 | 43.81 | 0.53 | 6.73 | 88.41 | 1.68 | 37.47 |
| 1.713 | 13.3  | 43.81 | 0.76 | 6.4  | 87.27 | 1.37 | 37.43 |
| 1.734 | 13.31 | 43.81 | 0.61 | 6.36 | 89.02 | 1.24 | 37.43 |
| 1.763 | 13.32 | 43.72 | 0.42 | 6.34 | 87.25 | 1.36 | 37.33 |
| 1.795 | 13.33 | 43.81 | 0.38 | 6.32 | 84.54 | 1.08 | 37.41 |
| 1.837 | 13.32 | 43.85 | 0.57 | 6.31 | 83.01 | 1.74 | 37.45 |
| 1.866 | 13.32 | 43.69 | 0.46 | 6.32 | 82.2  | 1.53 | 37.3  |
| 1.875 | 13.32 | 43.8  | 0.5  | 6.31 | 83.62 | 1.31 | 37.4  |
| 1.889 | 13.3  | 43.91 | 0.42 | 6.31 | 84.19 | 1.18 | 37.53 |
| 1.913 | 13.3  | 43.77 | 0.5  | 6.32 | 82.76 | 1.72 | 37.39 |
| 1.959 | 13.31 | 43.82 | 0.61 | 6.33 | 82.83 | 2.28 | 37.43 |
| 2.026 | 13.3  | 43.86 | 0.61 | 6.36 | 80.64 | 2.61 | 37.48 |
| 2.088 | 13.3  | 43.78 | 0.53 | 6.4  | 79.84 | 1.48 | 37.4  |
| 2.138 | 13.3  | 43.83 | 0.38 | 6.45 | 78.9  | 1.36 | 37.45 |
| 2.155 | 13.31 | 43.87 | 0.5  | 6.53 | 79.96 | 1.32 | 37.48 |
| 2.168 | 13.31 | 43.97 | 0.38 | 6.57 | 79.23 | 1.35 | 37.57 |
| 2.191 | 13.31 | 43.79 | 0.42 | 6.6  | 77.93 | 1.29 | 37.4  |
| 2.213 | 13.31 | 43.83 | 0.5  | 6.64 | 76.4  | 3.07 | 37.45 |
| 2.236 | 13.29 | 43.89 | 0.42 | 6.68 | 75.64 | 1.72 | 37.52 |
| 2.27  | 13.29 | 43.9  | 0.57 | 6.73 | 75.01 | 1.33 | 37.53 |
| 2.31  | 13.29 | 43.81 | 0.53 | 6.81 | 76.63 | 1.59 | 37.44 |
| 2.324 | 13.29 | 43.84 | 0.57 | 6.92 | 78.3  | 1.24 | 37.47 |
| 2.325 | 13.28 | 43.94 | 0.53 | 7.03 | 80.69 | 2.07 | 37.58 |
| 2.331 | 13.28 | 43.86 | 0.53 | 7.14 | 81.71 | 1.61 | 37.5  |
| 2.352 | 13.28 | 43.8  | 0.53 | 7.24 | 81.08 | 2.3  | 37.45 |
| 2.4   | 13.27 | 43.91 | 0.5  | 7.31 | 79.04 | 1.5  | 37.55 |
| 2.475 | 13.27 | 43.92 | 0.5  | 7.34 | 77.16 | 1.85 | 37.57 |
| 2.555 | 13.27 | 43.83 | 0.65 | 7.36 | 76.27 | 1.31 | 37.48 |
| 2.613 | 13.27 | 43.86 | 0.61 | 7.33 | 77.04 | 1.32 | 37.51 |
| 2.64  | 13.24 | 43.86 | 0.53 | 7.19 | 80.0  | 1.3  | 37.54 |
| 2.649 | 13.24 | 43.97 | 0.5  | 7.15 | 79.17 | 1.69 | 37.65 |
| 2.69  | 13.21 | 43.9  | 0.57 | 7.15 | 77.59 | 1.11 | 37.61 |
| 2.751 | 13.16 | 43.85 | 0.57 | 7.15 | 74.96 | 1.33 | 37.61 |
| 2.817 | 13.14 | 43.93 | 0.42 | 7.14 | 72.95 | 0.89 | 37.71 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.869 | 13.14 | 43.9  | 0.53 | 7.14 | 72.72 | 0.79 | 37.67 |
| 2.895 | 13.14 | 43.87 | 0.57 | 7.14 | 73.07 | 0.94 | 37.65 |
| 2.903 | 13.11 | 43.88 | 0.69 | 7.17 | 74.89 | 1.26 | 37.7  |
| 2.926 | 13.09 | 43.98 | 0.61 | 7.16 | 74.72 | 1.36 | 37.81 |
| 2.981 | 13.07 | 43.93 | 0.42 | 7.16 | 73.12 | 1.62 | 37.78 |
| 2.996 | 13.0  | 43.92 | 0.57 | 7.4  | 74.3  | 2.16 | 37.83 |
| 3.028 | 13.01 | 43.94 | 0.53 | 7.47 | 75.52 | 1.08 | 37.85 |
| 3.066 | 13.01 | 43.91 | 0.61 | 7.55 | 75.96 | 1.25 | 37.81 |
| 3.098 | 13.01 | 43.91 | 0.65 | 7.61 | 75.64 | 1.59 | 37.82 |
| 3.118 | 13.02 | 43.95 | 0.57 | 7.65 | 74.34 | 1.3  | 37.85 |
| 3.132 | 13.02 | 43.92 | 0.69 | 7.66 | 73.21 | 1.13 | 37.81 |
| 3.139 | 13.02 | 43.92 | 0.92 | 7.65 | 73.32 | 1.06 | 37.82 |
| 3.145 | 13.02 | 43.94 | 0.53 | 7.61 | 73.79 | 0.95 | 37.84 |
| 3.15  | 13.02 | 43.92 | 0.42 | 7.56 | 74.65 | 0.92 | 37.83 |
| 3.162 | 13.01 | 43.93 | 0.53 | 7.5  | 74.63 | 2.0  | 37.84 |
| 3.187 | 13.01 | 43.94 | 0.65 | 7.43 | 74.77 | 1.1  | 37.85 |
| 3.23  | 13.0  | 43.95 | 0.76 | 7.35 | 74.51 | 1.51 | 37.87 |
| 3.282 | 13.0  | 43.93 | 0.84 | 7.26 | 74.03 | 2.92 | 37.85 |
| 3.331 | 12.99 | 43.94 | 0.92 | 7.18 | 73.8  | 1.61 | 37.86 |
| 3.382 | 12.98 | 43.98 | 0.8  | 7.09 | 73.41 | 0.92 | 37.91 |
| 3.433 | 12.94 | 43.93 | 0.57 | 7.02 | 73.16 | 0.76 | 37.9  |
| 3.472 | 12.9  | 43.93 | 0.53 | 6.94 | 73.02 | 0.93 | 37.95 |
| 3.498 | 12.9  | 43.97 | 0.61 | 6.86 | 73.38 | 0.82 | 37.99 |
| 3.51  | 12.9  | 43.95 | 0.5  | 6.83 | 73.62 | 0.67 | 37.97 |
| 3.517 | 12.89 | 43.95 | 0.53 | 6.85 | 74.03 | 0.8  | 37.97 |
| 3.53  | 12.88 | 43.97 | 0.65 | 6.92 | 73.68 | 0.8  | 38.01 |
| 3.554 | 12.88 | 43.99 | 0.53 | 7.0  | 73.19 | 0.82 | 38.03 |
| 3.595 | 12.87 | 43.97 | 0.69 | 7.09 | 72.95 | 0.82 | 38.01 |
| 3.647 | 12.87 | 43.99 | 0.57 | 7.16 | 72.62 | 0.74 | 38.04 |
| 3.69  | 12.85 | 43.97 | 0.57 | 7.2  | 72.67 | 0.77 | 38.04 |
| 3.705 | 12.8  | 44.01 | 0.65 | 7.11 | 72.38 | 0.65 | 38.12 |
| 3.711 | 12.79 | 44.01 | 0.57 | 7.03 | 72.3  | 0.83 | 38.13 |
| 3.741 | 12.77 | 43.97 | 0.5  | 6.96 | 72.55 | 0.79 | 38.13 |
| 3.785 | 12.75 | 44.01 | 0.57 | 6.88 | 72.9  | 0.71 | 38.18 |
| 3.838 | 12.73 | 44.03 | 0.53 | 6.82 | 73.14 | 0.69 | 38.21 |
| 3.888 | 12.72 | 44.0  | 0.53 | 6.77 | 73.48 | 0.72 | 38.2  |
| 3.926 | 12.71 | 43.99 | 0.53 | 6.72 | 73.41 | 0.8  | 38.2  |
| 3.933 | 12.68 | 44.05 | 0.53 | 6.55 | 72.9  | 0.71 | 38.29 |
| 3.962 | 12.67 | 44.05 | 0.53 | 6.5  | 73.28 | 0.69 | 38.29 |
| 4.014 | 12.65 | 44.01 | 0.57 | 6.46 | 73.17 | 1.26 | 38.28 |
| 4.067 | 12.65 | 44.02 | 0.53 | 6.43 | 72.67 | 0.86 | 38.29 |
| 4.109 | 12.67 | 44.05 | 0.53 | 6.41 | 72.13 | 0.69 | 38.3  |
| 4.135 | 12.69 | 44.04 | 0.53 | 6.4  | 71.84 | 0.66 | 38.27 |
| 4.161 | 12.69 | 44.06 | 0.53 | 6.41 | 71.17 | 0.66 | 38.28 |
| 4.206 | 12.69 | 44.06 | 0.46 | 6.43 | 70.82 | 0.66 | 38.29 |
| 4.251 | 12.67 | 44.01 | 0.57 | 6.46 | 71.25 | 0.66 | 38.26 |
| 4.284 | 12.66 | 44.04 | 0.65 | 6.5  | 71.73 | 0.63 | 38.29 |
| 4.319 | 12.69 | 44.06 | 0.57 | 6.53 | 72.3  | 0.71 | 38.29 |
| 4.325 | 12.72 | 44.06 | 0.57 | 6.66 | 72.0  | 0.62 | 38.25 |
| 4.328 | 12.73 | 44.05 | 0.5  | 6.73 | 71.93 | 0.96 | 38.23 |
| 4.356 | 12.73 | 44.05 | 0.65 | 6.82 | 71.8  | 0.74 | 38.24 |
| 4.401 | 12.71 | 44.06 | 0.61 | 6.93 | 72.0  | 0.69 | 38.26 |
| 4.446 | 12.7  | 44.06 | 0.53 | 7.05 | 72.36 | 0.72 | 38.28 |
| 4.479 | 12.7  | 44.06 | 0.72 | 7.14 | 72.28 | 0.64 | 38.28 |
| 4.485 | 12.7  | 44.07 | 0.72 | 7.27 | 72.08 | 1.06 | 38.29 |
| 4.503 | 12.69 | 44.07 | 0.65 | 7.28 | 71.61 | 0.68 | 38.29 |
| 4.546 | 12.67 | 44.05 | 0.53 | 7.26 | 71.15 | 1.43 | 38.3  |
| 4.602 | 12.65 | 44.06 | 0.53 | 7.22 | 71.22 | 0.79 | 38.33 |



|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.66  | 12.66 | 44.08 | 0.61 | 7.17 | 71.56 | 0.64 | 38.33 |
| 4.713 | 12.66 | 44.07 | 0.5  | 7.12 | 71.17 | 0.6  | 38.33 |
| 4.752 | 12.65 | 44.06 | 0.69 | 7.1  | 70.28 | 0.76 | 38.33 |
| 4.767 | 12.64 | 44.09 | 0.65 | 7.08 | 69.1  | 0.6  | 38.36 |
| 4.769 | 12.64 | 44.09 | 0.69 | 7.07 | 69.21 | 0.57 | 38.37 |
| 4.787 | 12.62 | 44.07 | 0.57 | 7.05 | 69.73 | 0.88 | 38.37 |
| 4.819 | 12.61 | 44.09 | 0.5  | 7.06 | 70.38 | 0.8  | 38.39 |
| 4.861 | 12.63 | 44.1  | 0.69 | 7.03 | 70.92 | 0.7  | 38.39 |
| 4.895 | 12.62 | 44.07 | 0.69 | 7.01 | 70.94 | 0.88 | 38.37 |
| 4.909 | 12.61 | 44.07 | 0.95 | 6.97 | 70.61 | 0.68 | 38.38 |
| 4.929 | 12.64 | 44.09 | 0.72 | 6.97 | 69.55 | 0.63 | 38.37 |
| 4.981 | 12.64 | 44.1  | 0.65 | 6.97 | 68.58 | 0.64 | 38.38 |
| 5.021 | 12.58 | 44.07 | 0.61 | 6.99 | 68.08 | 0.61 | 38.41 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 12.93      | 43.88               | 0.34           | 5.81           | 35.98                       | 0.48              | 37.19           |
| PROF (metros)                                                                | 9.258      | 0.709               | 0.89           | 1.335          | 10.025                      | 9.382             | 0.709           |
| MÁXIMO                                                                       | 13.83      | 13.83               | 3.28           | 8.88           | 84.15                       | 5.58              | 40.17           |
| PROF (metros)                                                                | 2.511      | 10.057              | 10.057         | 0.884          | 0.774                       | 3.993             | 10.025          |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N5F - Punto 009                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 13.64      | 44.07               | 0.52           | 8.09           | 67.18                       | 2.26              | 37.35           |
| 1 - 2m                                                     | 13.78      | 44.25               | 0.66           | 6.18           | 64.51                       | 2.12              | 37.38           |
| 10 - 11m                                                   | 12.94      | 46.26               | 3.24           | 6.69           | 36.06                       | 0.54              | 40.17           |
| 2 - 3m                                                     | 13.82      | 44.37               | 0.66           | 6.31           | 69.07                       | 2.31              | 37.46           |
| 3 - 4m                                                     | 13.8       | 44.41               | 0.57           | 6.91           | 70.08                       | 2.36              | 37.51           |
| 4 - 5m                                                     | 13.79      | 44.43               | 0.5            | 7.1            | 69.1                        | 2.41              | 37.53           |
| 5 - 6m                                                     | 13.81      | 44.45               | 0.5            | 6.71           | 63.76                       | 2.8               | 37.55           |
| 6 - 7m                                                     | 13.8       | 44.46               | 0.6            | 6.81           | 58.68                       | 2.36              | 37.56           |
| 7 - 8m                                                     | 13.75      | 44.44               | 0.52           | 7.32           | 53.61                       | 2.14              | 37.59           |
| 8 - 9m                                                     | 13.24      | 44.88               | 1.11           | 7.65           | 48.22                       | 1.38              | 38.52           |
| 9 - 10m                                                    | 12.94      | 45.93               | 2.14           | 7.09           | 41.58                       | 0.66              | 39.86           |

| OBSERVACIONES GENERALES                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CLOROFILA elevada en la(s) columna(s) de agua 0 - 1m, 1 - 2m, 2 - 3m, 3 - 4m, 4 - 5m, 5 - 6m, 6 - 7m, 7 - 8m con los valores 2.26, 2.12, 2.31, 2.36, 2.41, 2.8, 2.36, 2.14 respectivamente |

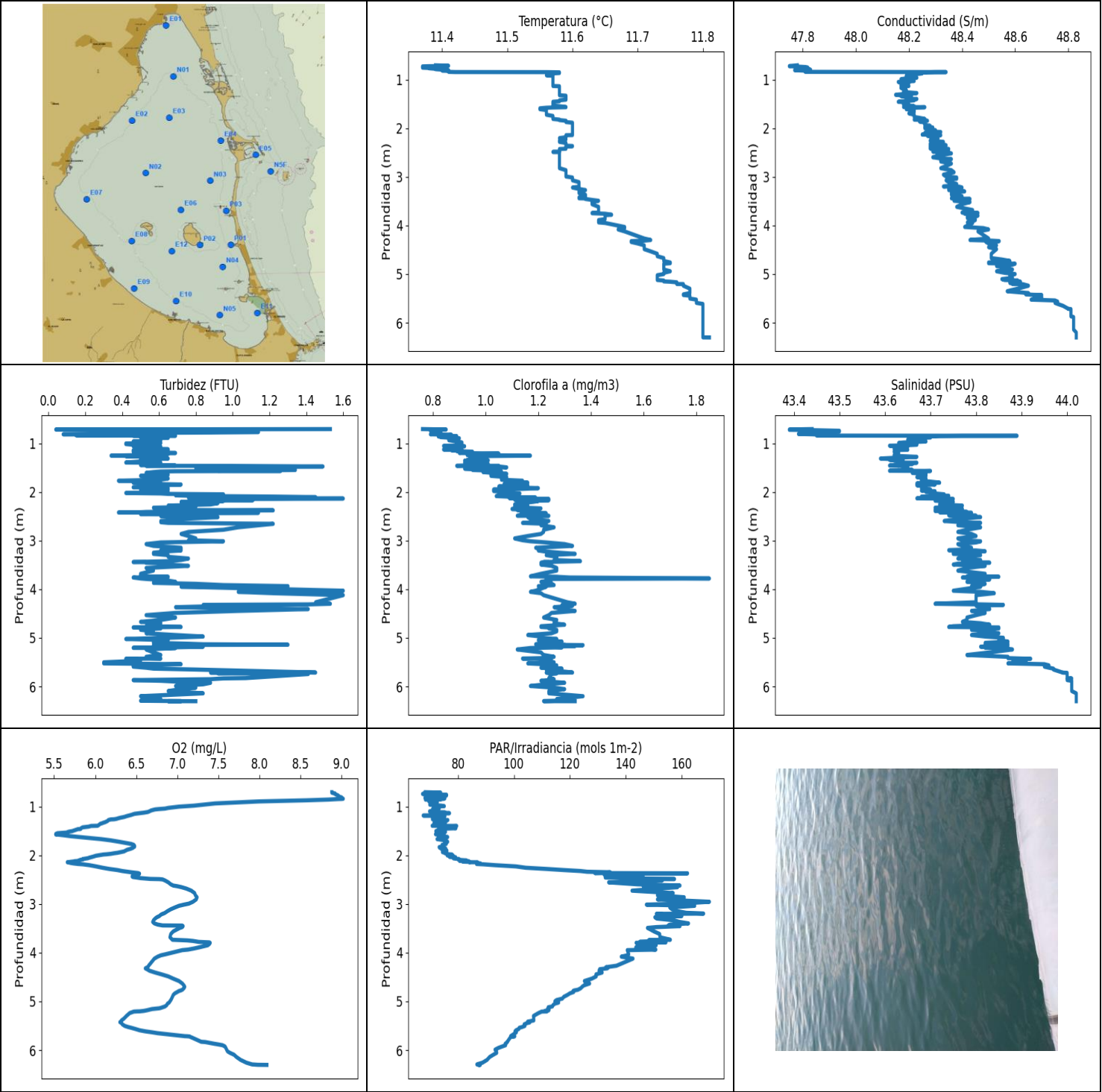
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706                                                          | 13.58      | 43.89               | 0.53           | 8.53           | 78.06                       | 2.13              | 37.24           |
| 0.709                                                          | 13.61      | 43.88               | 0.8            | 8.52           | 54.82                       | 2.17              | 37.19           |
| 0.729                                                          | 13.63      | 43.98               | 0.46           | 8.51           | 68.5                        | 3.0               | 37.28           |
| 0.774                                                          | 13.64      | 44.09               | 0.5            | 8.51           | 84.15                       | 2.12              | 37.37           |
| 0.816                                                          | 13.66      | 43.97               | 0.53           | 8.52           | 62.58                       | 2.62              | 37.24           |
| 0.839                                                          | 13.63      | 44.13               | 0.53           | 8.68           | 67.04                       | 1.97              | 37.41           |
| 0.857                                                          | 13.64      | 44.18               | 0.53           | 8.79           | 64.24                       | 1.73              | 37.45           |
| 0.884                                                          | 13.67      | 44.11               | 0.57           | 8.88           | 67.52                       | 2.45              | 37.35           |
| 0.89                                                           | 13.6       | 44.06               | 0.34           | 8.56           | 66.09                       | 2.94              | 37.38           |
| 0.901                                                          | 13.58      | 44.09               | 0.72           | 8.46           | 60.87                       | 1.79              | 37.42           |
| 0.926                                                          | 13.59      | 44.08               | 0.53           | 8.38           | 70.64                       | 2.11              | 37.41           |
| 0.952                                                          | 13.63      | 44.15               | 0.53           | 7.54           | 62.24                       | 1.53              | 37.43           |
| 0.96                                                           | 13.66      | 44.11               | 0.46           | 7.36           | 65.45                       | 2.33              | 37.37           |
| 0.966                                                          | 13.66      | 44.13               | 0.46           | 6.8            | 63.58                       | 2.0               | 37.38           |
| 0.969                                                          | 13.68      | 44.14               | 0.38           | 6.75           | 74.11                       | 2.85              | 37.38           |
| 0.983                                                          | 13.69      | 44.13               | 0.5            | 6.7            | 65.0                        | 2.5               | 37.36           |
| 1.008                                                          | 13.71      | 44.08               | 0.53           | 6.65           | 59.69                       | 1.96              | 37.29           |
| 1.02                                                           | 13.74      | 44.08               | 0.38           | 6.44           | 60.03                       | 1.4               | 37.26           |
| 1.023                                                          | 13.75      | 44.14               | 0.61           | 6.42           | 64.03                       | 1.62              | 37.31           |
| 1.037                                                          | 13.76      | 44.17               | 0.57           | 6.4            | 57.39                       | 2.18              | 37.32           |
| 1.052                                                          | 13.77      | 44.12               | 0.46           | 6.38           | 67.18                       | 2.45              | 37.27           |
| 1.056                                                          | 13.78      | 44.2                | 0.42           | 6.24           | 60.66                       | 1.85              | 37.33           |
| 1.057                                                          | 13.78      | 44.17               | 0.46           | 6.21           | 62.29                       | 1.69              | 37.3            |
| 1.058                                                          | 13.78      | 44.12               | 0.5            | 6.18           | 63.63                       | 1.85              | 37.26           |
| 1.066                                                          | 13.78      | 44.17               | 0.42           | 6.15           | 66.77                       | 2.06              | 37.31           |
| 1.086                                                          | 13.78      | 44.22               | 0.53           | 6.12           | 61.93                       | 2.43              | 37.35           |
| 1.115                                                          | 13.79      | 44.2                | 0.57           | 6.1            | 58.89                       | 2.01              | 37.32           |
| 1.145                                                          | 13.79      | 44.18               | 0.65           | 6.07           | 63.79                       | 1.99              | 37.3            |
| 1.173                                                          | 13.79      | 44.15               | 0.53           | 6.05           | 63.94                       | 2.57              | 37.28           |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.191 | 13.79 | 44.19 | 0.46 | 6.02 | 62.81 | 2.01 | 37.31 |
| 1.196 | 13.8  | 44.29 | 0.34 | 5.91 | 67.27 | 1.92 | 37.39 |
| 1.211 | 13.81 | 44.33 | 0.53 | 5.88 | 61.14 | 2.37 | 37.43 |
| 1.235 | 13.81 | 44.25 | 0.61 | 5.86 | 60.1  | 1.85 | 37.35 |
| 1.263 | 13.81 | 44.22 | 0.53 | 5.85 | 65.68 | 2.01 | 37.32 |
| 1.292 | 13.8  | 44.36 | 0.61 | 5.84 | 66.62 | 2.16 | 37.47 |
| 1.309 | 13.8  | 44.32 | 0.5  | 5.82 | 65.08 | 3.04 | 37.42 |
| 1.335 | 13.8  | 44.17 | 0.57 | 5.81 | 63.3  | 3.05 | 37.28 |
| 1.355 | 13.8  | 44.07 | 0.38 | 5.82 | 63.23 | 2.51 | 37.19 |
| 1.365 | 13.79 | 44.15 | 0.5  | 5.82 | 64.79 | 1.47 | 37.28 |
| 1.371 | 13.74 | 44.26 | 0.46 | 5.93 | 72.16 | 3.2  | 37.43 |
| 1.382 | 13.75 | 44.3  | 0.46 | 5.97 | 61.71 | 1.73 | 37.46 |
| 1.402 | 13.76 | 44.26 | 0.42 | 6.01 | 66.8  | 2.48 | 37.41 |
| 1.418 | 13.78 | 44.3  | 1.91 | 6.14 | 66.94 | 1.99 | 37.43 |
| 1.419 | 13.79 | 44.33 | 1.87 | 6.15 | 64.61 | 1.74 | 37.45 |
| 1.441 | 13.79 | 44.33 | 0.92 | 6.16 | 61.26 | 2.04 | 37.45 |
| 1.477 | 13.8  | 44.33 | 0.72 | 6.19 | 58.2  | 1.5  | 37.44 |
| 1.517 | 13.8  | 44.27 | 0.46 | 6.21 | 62.43 | 2.04 | 37.38 |
| 1.53  | 13.79 | 44.37 | 0.72 | 6.29 | 67.07 | 2.3  | 37.49 |
| 1.55  | 13.79 | 44.34 | 0.65 | 6.28 | 67.85 | 2.87 | 37.46 |
| 1.576 | 13.79 | 44.2  | 0.53 | 6.28 | 65.9  | 2.1  | 37.32 |
| 1.588 | 13.75 | 44.3  | 0.95 | 6.29 | 63.32 | 2.17 | 37.45 |
| 1.601 | 13.75 | 44.29 | 0.95 | 6.31 | 65.09 | 2.67 | 37.44 |
| 1.623 | 13.76 | 44.27 | 1.41 | 6.33 | 67.46 | 2.58 | 37.43 |
| 1.647 | 13.76 | 44.28 | 0.69 | 6.34 | 62.21 | 2.2  | 37.43 |
| 1.669 | 13.76 | 44.29 | 0.65 | 6.34 | 63.3  | 1.47 | 37.44 |
| 1.69  | 13.76 | 44.3  | 0.61 | 6.33 | 64.89 | 2.17 | 37.44 |
| 1.707 | 13.77 | 44.25 | 0.57 | 6.32 | 63.67 | 2.04 | 37.39 |
| 1.714 | 13.77 | 44.25 | 0.61 | 6.3  | 63.1  | 1.87 | 37.39 |
| 1.727 | 13.77 | 44.32 | 0.5  | 6.28 | 65.64 | 1.75 | 37.46 |
| 1.755 | 13.78 | 44.33 | 0.8  | 6.28 | 68.75 | 2.66 | 37.45 |
| 1.793 | 13.79 | 44.25 | 0.92 | 6.28 | 66.45 | 1.71 | 37.37 |
| 1.83  | 13.79 | 44.27 | 0.57 | 6.3  | 66.9  | 2.04 | 37.39 |
| 1.866 | 13.8  | 44.31 | 0.5  | 6.32 | 67.96 | 1.46 | 37.42 |
| 1.893 | 13.8  | 44.29 | 0.65 | 6.36 | 68.96 | 2.17 | 37.39 |
| 1.909 | 13.81 | 44.33 | 0.53 | 6.37 | 71.93 | 2.16 | 37.43 |
| 1.936 | 13.81 | 44.38 | 1.26 | 6.34 | 68.37 | 2.0  | 37.47 |
| 1.993 | 13.82 | 44.33 | 0.92 | 6.32 | 66.91 | 2.44 | 37.42 |
| 2.057 | 13.82 | 44.27 | 0.53 | 6.31 | 63.67 | 3.86 | 37.37 |
| 2.1   | 13.81 | 44.35 | 1.45 | 6.3  | 71.15 | 2.4  | 37.46 |
| 2.101 | 13.8  | 44.32 | 1.95 | 6.29 | 72.13 | 1.89 | 37.43 |
| 2.114 | 13.8  | 44.34 | 1.11 | 6.28 | 69.66 | 1.75 | 37.45 |
| 2.144 | 13.8  | 44.37 | 0.61 | 6.27 | 68.59 | 1.99 | 37.47 |
| 2.182 | 13.81 | 44.35 | 0.57 | 6.26 | 68.67 | 1.67 | 37.45 |
| 2.211 | 13.81 | 44.29 | 0.46 | 6.25 | 67.96 | 1.81 | 37.39 |
| 2.222 | 13.81 | 44.32 | 0.53 | 6.22 | 66.77 | 1.92 | 37.42 |
| 2.228 | 13.81 | 44.38 | 0.53 | 6.2  | 68.42 | 1.85 | 37.47 |
| 2.242 | 13.82 | 44.37 | 0.69 | 6.19 | 68.88 | 2.46 | 37.46 |
| 2.264 | 13.81 | 44.32 | 0.38 | 6.19 | 68.19 | 2.35 | 37.41 |
| 2.286 | 13.81 | 44.32 | 0.34 | 6.2  | 70.35 | 1.8  | 37.41 |
| 2.302 | 13.82 | 44.36 | 0.5  | 6.21 | 70.23 | 2.44 | 37.45 |
| 2.312 | 13.82 | 44.36 | 0.61 | 6.24 | 68.61 | 1.8  | 37.45 |
| 2.32  | 13.82 | 44.36 | 0.95 | 6.26 | 68.19 | 2.66 | 37.45 |
| 2.33  | 13.82 | 44.37 | 0.99 | 6.28 | 68.61 | 3.91 | 37.46 |
| 2.353 | 13.82 | 44.39 | 0.65 | 6.29 | 69.2  | 2.28 | 37.47 |
| 2.396 | 13.82 | 44.39 | 0.76 | 6.29 | 67.77 | 2.39 | 37.47 |
| 2.452 | 13.82 | 44.39 | 0.57 | 6.29 | 68.19 | 2.41 | 37.47 |
| 2.511 | 13.82 | 44.38 | 0.72 | 6.29 | 69.0  | 1.85 | 37.46 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 2.571 | 13.82 | 44.42 | 0.61 | 6.29 | 71.53 | 2.36 | 37.5  |
| 2.625 | 13.83 | 44.4  | 0.38 | 6.29 | 72.5  | 1.65 | 37.48 |
| 2.665 | 13.83 | 44.38 | 0.57 | 6.3  | 68.86 | 2.55 | 37.46 |
| 2.691 | 13.83 | 44.45 | 0.69 | 6.31 | 65.47 | 2.7  | 37.52 |
| 2.702 | 13.83 | 44.4  | 0.5  | 6.33 | 65.96 | 2.54 | 37.47 |
| 2.709 | 13.83 | 44.36 | 0.5  | 6.35 | 68.34 | 1.96 | 37.44 |
| 2.724 | 13.83 | 44.45 | 0.42 | 6.37 | 68.67 | 3.74 | 37.52 |
| 2.763 | 13.83 | 44.42 | 0.57 | 6.39 | 69.87 | 2.37 | 37.5  |
| 2.808 | 13.83 | 44.34 | 0.46 | 6.4  | 71.3  | 2.24 | 37.42 |
| 2.835 | 13.83 | 44.37 | 0.5  | 6.41 | 72.14 | 1.69 | 37.45 |
| 2.843 | 13.82 | 44.44 | 0.61 | 6.43 | 70.72 | 3.2  | 37.52 |
| 2.854 | 13.82 | 44.44 | 0.53 | 6.46 | 69.65 | 2.33 | 37.52 |
| 2.876 | 13.82 | 44.34 | 0.53 | 6.48 | 68.89 | 2.21 | 37.43 |
| 2.915 | 13.82 | 44.39 | 0.69 | 6.51 | 69.25 | 1.69 | 37.48 |
| 2.97  | 13.82 | 44.44 | 0.5  | 6.55 | 69.91 | 2.24 | 37.53 |
| 3.032 | 13.81 | 44.37 | 0.69 | 6.59 | 69.99 | 2.14 | 37.46 |
| 3.078 | 13.81 | 44.33 | 0.5  | 6.63 | 71.18 | 1.53 | 37.42 |
| 3.097 | 13.81 | 44.42 | 0.5  | 6.67 | 72.36 | 1.44 | 37.52 |
| 3.099 | 13.8  | 44.43 | 0.61 | 6.71 | 72.65 | 1.77 | 37.54 |
| 3.123 | 13.8  | 44.43 | 0.42 | 6.75 | 73.21 | 1.53 | 37.53 |
| 3.182 | 13.8  | 44.41 | 0.57 | 6.81 | 72.65 | 1.89 | 37.52 |
| 3.268 | 13.81 | 44.44 | 0.42 | 6.85 | 70.36 | 2.11 | 37.53 |
| 3.356 | 13.81 | 44.41 | 0.34 | 6.88 | 70.52 | 2.4  | 37.5  |
| 3.407 | 13.81 | 44.36 | 0.38 | 6.9  | 69.79 | 1.94 | 37.45 |
| 3.429 | 13.81 | 44.43 | 0.53 | 6.9  | 69.21 | 2.76 | 37.52 |
| 3.451 | 13.8  | 44.44 | 0.5  | 6.91 | 68.1  | 2.33 | 37.54 |
| 3.465 | 13.8  | 44.41 | 0.57 | 6.91 | 70.87 | 2.06 | 37.51 |
| 3.472 | 13.78 | 44.44 | 0.42 | 6.91 | 70.9  | 1.86 | 37.55 |
| 3.514 | 13.78 | 44.41 | 0.61 | 6.91 | 69.76 | 2.22 | 37.53 |
| 3.588 | 13.79 | 44.39 | 0.42 | 6.94 | 68.62 | 2.08 | 37.5  |
| 3.666 | 13.79 | 44.4  | 0.57 | 6.97 | 69.18 | 1.9  | 37.52 |
| 3.726 | 13.79 | 44.42 | 1.18 | 7.02 | 69.7  | 2.62 | 37.53 |
| 3.762 | 13.78 | 44.4  | 0.69 | 7.06 | 67.85 | 1.92 | 37.51 |
| 3.78  | 13.78 | 44.43 | 0.8  | 7.09 | 68.29 | 4.01 | 37.54 |
| 3.805 | 13.79 | 44.45 | 0.65 | 7.12 | 69.44 | 2.4  | 37.56 |
| 3.859 | 13.8  | 44.41 | 0.57 | 7.14 | 68.89 | 2.49 | 37.52 |
| 3.926 | 13.8  | 44.39 | 0.57 | 7.14 | 68.78 | 3.39 | 37.49 |
| 3.993 | 13.81 | 44.43 | 0.57 | 7.13 | 69.58 | 5.58 | 37.53 |
| 4.065 | 13.8  | 44.46 | 0.5  | 7.1  | 70.52 | 2.94 | 37.55 |
| 4.122 | 13.8  | 44.39 | 0.42 | 7.07 | 69.81 | 1.98 | 37.49 |
| 4.151 | 13.8  | 44.41 | 0.46 | 7.04 | 69.73 | 2.07 | 37.51 |
| 4.167 | 13.79 | 44.45 | 0.72 | 7.01 | 70.82 | 2.33 | 37.56 |
| 4.19  | 13.79 | 44.41 | 0.57 | 7.02 | 71.02 | 1.89 | 37.52 |
| 4.225 | 13.79 | 44.41 | 0.76 | 7.04 | 70.05 | 2.01 | 37.51 |
| 4.271 | 13.79 | 44.44 | 0.38 | 7.08 | 69.81 | 1.69 | 37.55 |
| 4.318 | 13.79 | 44.41 | 0.53 | 7.14 | 70.05 | 2.12 | 37.53 |
| 4.366 | 13.79 | 44.42 | 0.57 | 7.19 | 69.63 | 2.41 | 37.54 |
| 4.419 | 13.79 | 44.45 | 0.5  | 7.26 | 69.34 | 2.48 | 37.56 |
| 4.475 | 13.79 | 44.41 | 0.61 | 7.31 | 69.05 | 2.52 | 37.52 |
| 4.524 | 13.8  | 44.42 | 0.53 | 7.33 | 69.29 | 2.2  | 37.52 |
| 4.56  | 13.79 | 44.44 | 0.65 | 7.32 | 68.53 | 2.26 | 37.54 |
| 4.598 | 13.79 | 44.44 | 0.5  | 7.3  | 67.46 | 2.46 | 37.55 |
| 4.649 | 13.79 | 44.42 | 0.46 | 7.25 | 67.47 | 2.76 | 37.53 |
| 4.693 | 13.79 | 44.41 | 0.42 | 7.19 | 68.51 | 2.37 | 37.52 |
| 4.718 | 13.79 | 44.43 | 0.38 | 7.12 | 69.18 | 2.11 | 37.54 |
| 4.733 | 13.79 | 44.45 | 0.42 | 7.03 | 68.51 | 2.63 | 37.56 |
| 4.771 | 13.79 | 44.44 | 0.42 | 6.96 | 68.3  | 4.9  | 37.55 |
| 4.838 | 13.8  | 44.42 | 0.42 | 6.87 | 68.16 | 2.8  | 37.53 |

|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 4.912 | 13.8  | 44.43 | 0.38 | 6.81 | 67.58 | 2.17 | 37.53 |
| 4.997 | 13.8  | 44.47 | 0.38 | 6.74 | 67.32 | 1.9  | 37.56 |
| 5.096 | 13.8  | 44.45 | 0.65 | 6.69 | 67.46 | 2.3  | 37.54 |
| 5.2   | 13.8  | 44.42 | 0.42 | 6.64 | 66.43 | 2.46 | 37.52 |
| 5.307 | 13.8  | 44.47 | 0.57 | 6.62 | 65.91 | 4.13 | 37.56 |
| 5.411 | 13.8  | 44.45 | 0.5  | 6.61 | 65.09 | 4.47 | 37.55 |
| 5.512 | 13.8  | 44.44 | 0.5  | 6.62 | 64.98 | 2.25 | 37.54 |
| 5.608 | 13.81 | 44.47 | 0.46 | 6.64 | 63.75 | 2.0  | 37.56 |
| 5.697 | 13.81 | 44.47 | 0.34 | 6.68 | 63.32 | 2.64 | 37.56 |
| 5.775 | 13.81 | 44.44 | 0.57 | 6.73 | 62.39 | 2.2  | 37.53 |
| 5.831 | 13.81 | 44.44 | 0.34 | 6.79 | 61.93 | 1.75 | 37.53 |
| 5.872 | 13.81 | 44.47 | 0.61 | 6.83 | 61.53 | 4.56 | 37.56 |
| 5.914 | 13.81 | 44.47 | 0.61 | 6.86 | 61.41 | 3.07 | 37.56 |
| 5.966 | 13.81 | 44.45 | 0.46 | 6.87 | 60.87 | 1.77 | 37.54 |
| 6.041 | 13.81 | 44.47 | 0.5  | 6.87 | 61.08 | 2.43 | 37.56 |
| 6.124 | 13.81 | 44.45 | 0.42 | 6.86 | 60.86 | 2.69 | 37.54 |
| 6.2   | 13.81 | 44.44 | 0.61 | 6.86 | 60.7  | 3.1  | 37.53 |
| 6.265 | 13.81 | 44.46 | 0.46 | 6.85 | 60.72 | 2.6  | 37.55 |
| 6.319 | 13.81 | 44.48 | 0.53 | 6.84 | 60.65 | 2.22 | 37.56 |
| 6.367 | 13.81 | 44.47 | 0.65 | 6.83 | 60.79 | 1.63 | 37.56 |
| 6.42  | 13.81 | 44.47 | 0.72 | 6.84 | 60.58 | 2.11 | 37.56 |
| 6.477 | 13.81 | 44.47 | 0.5  | 6.85 | 59.96 | 2.27 | 37.56 |
| 6.524 | 13.81 | 44.45 | 0.72 | 6.85 | 59.42 | 3.04 | 37.54 |
| 6.561 | 13.81 | 44.47 | 0.57 | 6.85 | 58.63 | 1.73 | 37.56 |
| 6.606 | 13.81 | 44.48 | 0.53 | 6.85 | 57.95 | 2.02 | 37.57 |
| 6.668 | 13.81 | 44.46 | 0.53 | 6.84 | 57.33 | 2.24 | 37.55 |
| 6.735 | 13.81 | 44.44 | 0.46 | 6.82 | 56.78 | 2.85 | 37.53 |
| 6.79  | 13.81 | 44.46 | 0.46 | 6.81 | 57.0  | 3.33 | 37.55 |
| 6.832 | 13.8  | 44.47 | 0.34 | 6.79 | 56.9  | 2.7  | 37.57 |
| 6.872 | 13.8  | 44.47 | 0.53 | 6.76 | 57.0  | 2.09 | 37.56 |
| 6.901 | 13.78 | 44.47 | 1.22 | 6.65 | 56.0  | 1.56 | 37.58 |
| 6.913 | 13.78 | 44.44 | 0.95 | 6.69 | 56.43 | 2.08 | 37.56 |
| 6.95  | 13.78 | 44.44 | 0.76 | 6.73 | 56.1  | 2.15 | 37.56 |
| 7.013 | 13.77 | 44.46 | 0.53 | 6.78 | 55.79 | 1.77 | 37.58 |
| 7.071 | 13.77 | 44.44 | 0.8  | 6.85 | 55.72 | 2.08 | 37.57 |
| 7.105 | 13.77 | 44.45 | 0.69 | 6.94 | 55.7  | 1.88 | 37.58 |
| 7.125 | 13.76 | 44.45 | 0.57 | 7.07 | 55.34 | 1.74 | 37.59 |
| 7.144 | 13.76 | 44.44 | 0.42 | 7.22 | 55.6  | 1.57 | 37.58 |
| 7.183 | 13.76 | 44.45 | 0.5  | 7.36 | 55.24 | 2.29 | 37.59 |
| 7.257 | 13.76 | 44.45 | 0.46 | 7.5  | 54.64 | 2.47 | 37.59 |
| 7.358 | 13.76 | 44.45 | 0.46 | 7.62 | 54.21 | 2.39 | 37.59 |
| 7.437 | 13.75 | 44.45 | 0.46 | 7.68 | 54.16 | 3.03 | 37.59 |
| 7.495 | 13.75 | 44.45 | 0.53 | 7.69 | 53.7  | 2.17 | 37.6  |
| 7.564 | 13.75 | 44.45 | 0.46 | 7.65 | 52.7  | 1.91 | 37.6  |
| 7.665 | 13.74 | 44.44 | 0.57 | 7.57 | 51.66 | 2.3  | 37.6  |
| 7.751 | 13.74 | 44.44 | 0.42 | 7.46 | 51.59 | 2.21 | 37.6  |
| 7.8   | 13.73 | 44.44 | 0.61 | 7.35 | 51.22 | 2.21 | 37.61 |
| 7.855 | 13.73 | 44.43 | 0.42 | 7.25 | 50.61 | 2.04 | 37.6  |
| 7.943 | 13.72 | 44.43 | 0.38 | 7.16 | 49.8  | 2.2  | 37.6  |
| 8.054 | 13.71 | 44.42 | 0.5  | 7.1  | 49.49 | 1.75 | 37.61 |
| 8.178 | 13.69 | 44.39 | 0.46 | 7.06 | 49.07 | 1.53 | 37.6  |
| 8.199 | 13.33 | 44.81 | 0.99 | 7.4  | 49.72 | 1.47 | 38.36 |
| 8.221 | 13.29 | 44.81 | 0.99 | 7.5  | 49.6  | 1.99 | 38.4  |
| 8.289 | 13.28 | 44.78 | 1.45 | 7.6  | 49.18 | 1.79 | 38.38 |
| 8.356 | 13.3  | 44.78 | 0.99 | 7.67 | 48.89 | 1.53 | 38.37 |
| 8.414 | 13.31 | 44.71 | 0.8  | 7.72 | 48.85 | 2.66 | 38.29 |
| 8.458 | 13.3  | 44.73 | 0.76 | 7.78 | 49.02 | 2.39 | 38.32 |
| 8.473 | 13.26 | 44.83 | 0.84 | 7.85 | 48.97 | 1.81 | 38.45 |

|        |       |       |      |      |       |      |       |
|--------|-------|-------|------|------|-------|------|-------|
| 8.49   | 13.22 | 44.9  | 0.65 | 7.9  | 48.44 | 1.37 | 38.56 |
| 8.529  | 13.19 | 44.92 | 0.69 | 7.91 | 48.29 | 1.46 | 38.61 |
| 8.555  | 13.17 | 44.93 | 0.8  | 7.9  | 48.24 | 1.09 | 38.64 |
| 8.571  | 13.15 | 44.95 | 0.88 | 7.87 | 47.9  | 1.22 | 38.68 |
| 8.625  | 13.14 | 45.01 | 0.95 | 7.84 | 47.75 | 1.02 | 38.75 |
| 8.702  | 13.12 | 45.03 | 1.6  | 7.79 | 47.58 | 0.94 | 38.78 |
| 8.783  | 13.1  | 45.04 | 1.68 | 7.73 | 47.13 | 0.68 | 38.81 |
| 8.854  | 13.08 | 45.05 | 1.72 | 7.67 | 47.05 | 0.74 | 38.85 |
| 8.903  | 13.06 | 45.08 | 1.91 | 7.62 | 46.91 | 0.62 | 38.9  |
| 8.944  | 13.04 | 45.15 | 1.87 | 7.56 | 46.35 | 0.71 | 38.98 |
| 8.991  | 13.02 | 45.23 | 1.72 | 7.5  | 45.99 | 0.89 | 39.08 |
| 9.052  | 13.0  | 45.46 | 1.76 | 7.43 | 45.38 | 0.61 | 39.32 |
| 9.123  | 12.98 | 45.61 | 1.95 | 7.37 | 44.56 | 0.65 | 39.5  |
| 9.192  | 12.95 | 45.66 | 1.98 | 7.31 | 44.1  | 0.5  | 39.57 |
| 9.258  | 12.93 | 45.71 | 2.02 | 7.28 | 43.5  | 0.57 | 39.64 |
| 9.319  | 12.93 | 45.85 | 2.06 | 7.22 | 43.08 | 0.59 | 39.78 |
| 9.361  | 12.93 | 45.93 | 2.17 | 7.19 | 43.06 | 0.49 | 39.86 |
| 9.376  | 12.93 | 45.93 | 2.14 | 7.16 | 43.25 | 0.5  | 39.87 |
| 9.382  | 12.93 | 45.93 | 1.98 | 7.14 | 43.06 | 0.48 | 39.86 |
| 9.392  | 12.93 | 45.93 | 1.98 | 7.12 | 42.96 | 0.5  | 39.86 |
| 9.427  | 12.93 | 45.92 | 2.02 | 7.1  | 42.38 | 0.63 | 39.85 |
| 9.493  | 12.93 | 45.92 | 1.95 | 7.08 | 41.71 | 1.4  | 39.85 |
| 9.571  | 12.93 | 46.0  | 2.17 | 7.07 | 40.75 | 1.02 | 39.93 |
| 9.645  | 12.93 | 46.06 | 2.25 | 7.05 | 40.32 | 0.62 | 39.99 |
| 9.699  | 12.93 | 46.08 | 2.21 | 7.02 | 40.0  | 0.61 | 40.0  |
| 9.722  | 12.93 | 46.1  | 2.06 | 6.99 | 40.16 | 0.56 | 40.03 |
| 9.726  | 12.93 | 46.09 | 1.98 | 6.95 | 40.16 | 0.82 | 40.02 |
| 9.731  | 12.93 | 46.09 | 2.29 | 6.9  | 39.91 | 0.69 | 40.01 |
| 9.76   | 12.93 | 46.08 | 2.29 | 6.85 | 39.14 | 0.83 | 40.01 |
| 9.83   | 12.93 | 46.12 | 2.48 | 6.8  | 37.81 | 0.62 | 40.04 |
| 9.939  | 12.93 | 46.22 | 3.13 | 6.75 | 36.38 | 0.57 | 40.13 |
| 10.025 | 12.94 | 46.26 | 3.2  | 6.7  | 35.98 | 0.52 | 40.17 |
| 10.057 | 12.95 | 46.27 | 3.28 | 6.67 | 36.14 | 0.55 | 40.17 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.37      | 47.75               | 0.04           | 5.52           | 67.32                       | 0.76              | 43.39           |
| PROF (metros)                                                                | 0.729      | 0.722               | 0.716          | 1.564          | 0.742                       | 0.707             | 0.716           |
| MÁXIMO                                                                       | 11.81      | 11.81               | 1.6            | 9.02           | 169.84                      | 1.85              | 44.02           |
| PROF (metros)                                                                | 6.303      | 6.2                 | 2.135          | 0.841          | 2.955                       | 3.779             | 6.141           |



| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N03 - Punto 010                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.47      | 48.0                | 0.56           | 8.6            | 71.68                       | 0.84              | 43.57           |
| 1 - 2m                                                     | 11.58      | 48.21               | 0.61           | 6.2            | 73.86                       | 0.99              | 43.65           |
| 2 - 3m                                                     | 11.59      | 48.31               | 0.84           | 6.34           | 117.69                      | 1.16              | 43.74           |
| 3 - 4m                                                     | 11.63      | 48.4                | 0.65           | 7.01           | 152.85                      | 1.26              | 43.79           |
| 4 - 5m                                                     | 11.72      | 48.52               | 0.87           | 6.88           | 127.38                      | 1.25              | 43.8            |
| 5 - 6m                                                     | 11.78      | 48.69               | 0.69           | 6.8            | 104.92                      | 1.24              | 43.91           |
| 6 - 7m                                                     | 11.8       | 48.83               | 0.68           | 7.83           | 90.04                       | 1.28              | 44.02           |

| 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) |
| 0.707                                                          | 11.39      | 47.78               | 1.53           | 8.88           | 68.35                       | 0.76              | 43.44           |
| 0.716                                                          | 11.41      | 47.76               | 0.04           | 8.88           | 73.84                       | 0.85              | 43.39           |
| 0.722                                                          | 11.4       | 47.75               | 0.23           | 8.89           | 67.93                       | 0.82              | 43.39           |
| 0.725                                                          | 11.38      | 47.75               | 1.03           | 8.9            | 69.44                       | 0.8               | 43.42           |
| 0.729                                                          | 11.37      | 47.77               | 0.99           | 8.91           | 70.72                       | 0.81              | 43.44           |
| 0.733                                                          | 11.37      | 47.78               | 0.84           | 8.92           | 67.91                       | 0.79              | 43.46           |
| 0.742                                                          | 11.37      | 47.81               | 0.3            | 8.92           | 67.32                       | 0.79              | 43.5            |
| 0.755                                                          | 11.37      | 47.82               | 0.38           | 8.93           | 71.53                       | 0.82              | 43.5            |
| 0.761                                                          | 11.38      | 47.78               | 0.65           | 8.94           | 75.94                       | 0.83              | 43.45           |
| 0.767                                                          | 11.38      | 47.79               | 1.14           | 8.95           | 70.69                       | 0.82              | 43.46           |
| 0.778                                                          | 11.39      | 47.82               | 0.88           | 8.96           | 75.85                       | 0.82              | 43.48           |
| 0.786                                                          | 11.39      | 47.82               | 0.42           | 8.96           | 74.22                       | 0.82              | 43.47           |
| 0.796                                                          | 11.4       | 47.83               | 0.38           | 8.97           | 70.54                       | 0.82              | 43.48           |
| 0.806                                                          | 11.4       | 47.82               | 0.57           | 8.98           | 70.69                       | 0.83              | 43.46           |
| 0.807                                                          | 11.41      | 47.77               | 0.3            | 8.99           | 69.29                       | 0.8               | 43.41           |
| 0.814                                                          | 11.4       | 47.8                | 0.08           | 9.0            | 74.37                       | 0.79              | 43.44           |
| 0.823                                                          | 11.41      | 47.82               | 0.53           | 9.0            | 68.18                       | 0.87              | 43.46           |
| 0.834                                                          | 11.41      | 47.83               | 0.15           | 9.01           | 75.31                       | 0.86              | 43.47           |
| 0.841                                                          | 11.41      | 47.81               | 0.5            | 9.02           | 74.87                       | 0.83              | 43.45           |
| 0.845                                                          | 11.42      | 48.25               | 0.69           | 9.0            | 74.65                       | 0.85              | 43.89           |
| 0.846                                                          | 11.53      | 48.34               | 0.46           | 8.98           | 73.04                       | 0.85              | 43.85           |
| 0.847                                                          | 11.56      | 48.3                | 0.57           | 8.96           | 72.0                        | 0.86              | 43.77           |
| 0.851                                                          | 11.58      | 48.27               | 0.5            | 8.92           | 73.94                       | 0.89              | 43.72           |
| 0.858                                                          | 11.58      | 48.25               | 0.5            | 8.84           | 68.34                       | 0.82              | 43.7            |
| 0.865                                                          | 11.58      | 48.25               | 0.57           | 8.72           | 70.84                       | 0.83              | 43.7            |
| 0.873                                                          | 11.57      | 48.25               | 0.5            | 8.57           | 70.98                       | 0.83              | 43.7            |
| 0.88                                                           | 11.57      | 48.24               | 0.5            | 8.39           | 71.93                       | 0.85              | 43.7            |
| 0.888                                                          | 11.57      | 48.22               | 0.65           | 8.2            | 70.51                       | 0.87              | 43.68           |
| 0.896                                                          | 11.57      | 48.21               | 0.53           | 7.99           | 69.6                        | 0.9               | 43.67           |
| 0.911                                                          | 11.56      | 48.22               | 0.53           | 7.79           | 72.62                       | 0.88              | 43.68           |
| 0.923                                                          | 11.57      | 48.19               | 0.53           | 7.61           | 72.0                        | 0.86              | 43.65           |
| 0.937                                                          | 11.57      | 48.21               | 0.61           | 7.46           | 72.41                       | 0.86              | 43.67           |
| 0.962                                                          | 11.57      | 48.23               | 0.46           | 7.32           | 69.91                       | 0.89              | 43.69           |
| 0.983                                                          | 11.57      | 48.18               | 0.57           | 7.2            | 74.09                       | 0.91              | 43.64           |
| 0.993                                                          | 11.57      | 48.17               | 0.61           | 7.11           | 75.11                       | 0.9               | 43.63           |

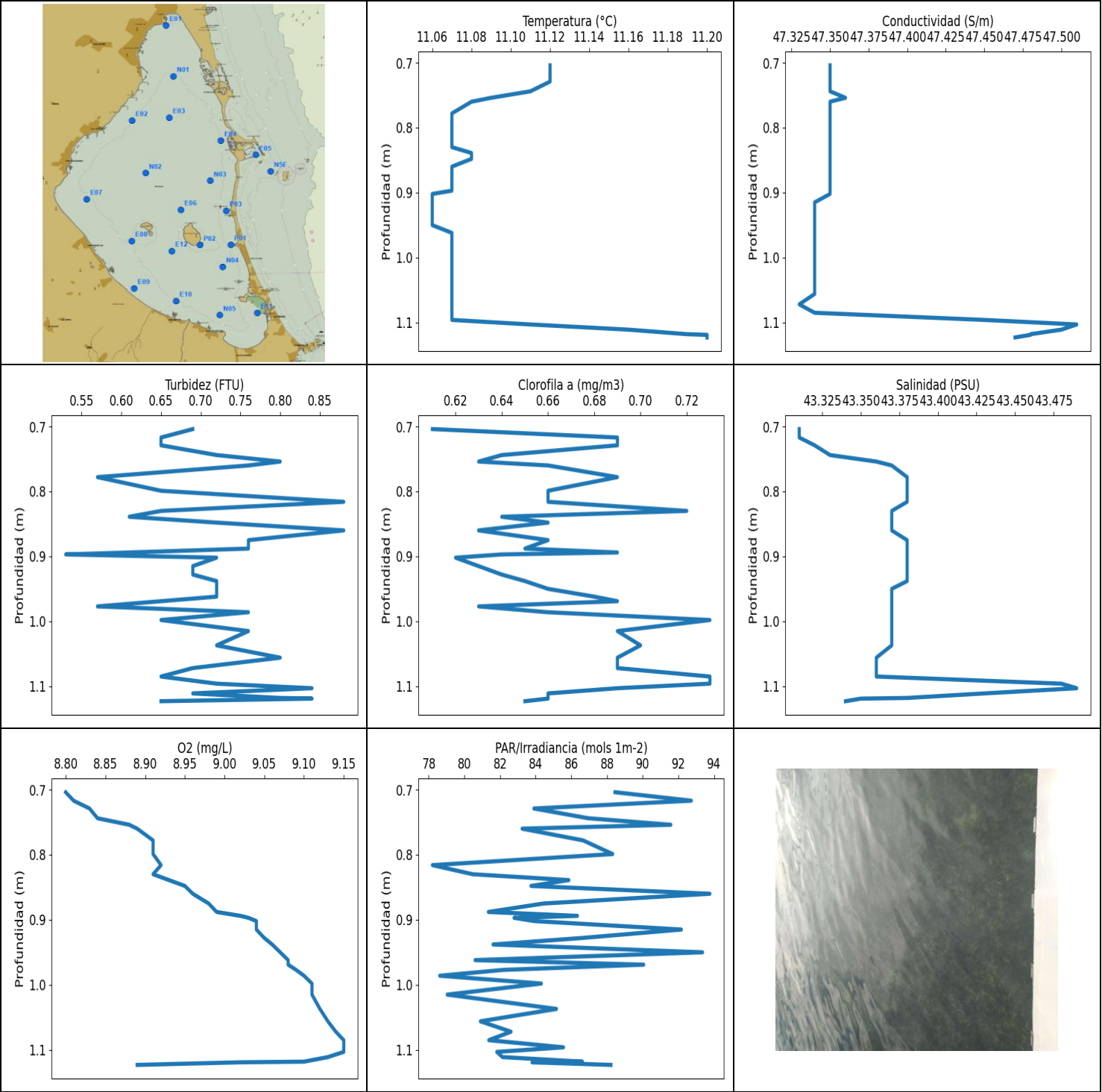
|       |       |       |      |      |       |      |       |
|-------|-------|-------|------|------|-------|------|-------|
| 1.003 | 11.57 | 48.19 | 0.42 | 7.02 | 71.81 | 0.89 | 43.64 |
| 1.015 | 11.57 | 48.21 | 0.42 | 6.96 | 72.63 | 0.9  | 43.67 |
| 1.029 | 11.57 | 48.22 | 0.46 | 6.89 | 73.34 | 0.91 | 43.67 |
| 1.043 | 11.57 | 48.19 | 0.5  | 6.85 | 71.05 | 0.89 | 43.64 |
| 1.049 | 11.57 | 48.16 | 0.57 | 6.8  | 71.9  | 0.87 | 43.61 |
| 1.053 | 11.57 | 48.18 | 0.57 | 6.77 | 73.16 | 0.84 | 43.63 |
| 1.06  | 11.57 | 48.19 | 0.46 | 6.73 | 70.85 | 0.92 | 43.64 |
| 1.068 | 11.57 | 48.2  | 0.61 | 6.71 | 71.86 | 0.9  | 43.65 |
| 1.082 | 11.57 | 48.19 | 0.53 | 6.68 | 72.38 | 0.87 | 43.64 |
| 1.099 | 11.57 | 48.18 | 0.61 | 6.66 | 69.83 | 0.88 | 43.63 |
| 1.113 | 11.57 | 48.17 | 0.53 | 6.64 | 70.98 | 0.86 | 43.62 |
| 1.122 | 11.57 | 48.17 | 0.65 | 6.61 | 75.41 | 0.9  | 43.63 |
| 1.127 | 11.57 | 48.19 | 0.5  | 6.59 | 71.71 | 0.84 | 43.64 |
| 1.132 | 11.57 | 48.2  | 0.5  | 6.56 | 71.22 | 0.9  | 43.65 |
| 1.137 | 11.58 | 48.18 | 0.65 | 6.54 | 76.98 | 0.91 | 43.63 |
| 1.143 | 11.58 | 48.18 | 0.46 | 6.51 | 72.48 | 0.87 | 43.63 |
| 1.15  | 11.58 | 48.18 | 0.53 | 6.48 | 71.31 | 0.91 | 43.63 |
| 1.16  | 11.58 | 48.18 | 0.53 | 6.46 | 73.65 | 0.89 | 43.63 |
| 1.172 | 11.58 | 48.17 | 0.46 | 6.44 | 74.03 | 0.95 | 43.62 |
| 1.185 | 11.58 | 48.18 | 0.61 | 6.41 | 67.56 | 0.92 | 43.63 |
| 1.199 | 11.58 | 48.18 | 0.69 | 6.38 | 75.32 | 0.9  | 43.63 |
| 1.211 | 11.58 | 48.19 | 0.61 | 6.36 | 75.03 | 1.05 | 43.63 |
| 1.219 | 11.58 | 48.18 | 0.65 | 6.34 | 70.82 | 0.98 | 43.63 |
| 1.229 | 11.58 | 48.19 | 0.57 | 6.31 | 71.74 | 0.98 | 43.63 |
| 1.242 | 11.58 | 48.18 | 0.5  | 6.28 | 72.5  | 0.93 | 43.62 |
| 1.253 | 11.58 | 48.18 | 0.34 | 6.26 | 71.07 | 1.17 | 43.63 |
| 1.262 | 11.58 | 48.18 | 0.53 | 6.23 | 70.87 | 1.0  | 43.63 |
| 1.265 | 11.58 | 48.2  | 0.42 | 6.19 | 73.48 | 0.94 | 43.64 |
| 1.278 | 11.58 | 48.23 | 0.57 | 6.16 | 76.38 | 0.95 | 43.67 |
| 1.298 | 11.58 | 48.18 | 0.5  | 6.15 | 73.46 | 0.94 | 43.62 |
| 1.313 | 11.58 | 48.15 | 0.65 | 6.13 | 73.02 | 0.95 | 43.59 |
| 1.322 | 11.58 | 48.17 | 0.5  | 6.12 | 75.59 | 0.95 | 43.61 |
| 1.332 | 11.59 | 48.21 | 0.61 | 6.1  | 71.43 | 0.96 | 43.64 |
| 1.339 | 11.59 | 48.17 | 0.5  | 6.09 | 73.48 | 0.93 | 43.61 |
| 1.346 | 11.59 | 48.18 | 0.5  | 6.08 | 74.37 | 0.93 | 43.62 |
| 1.35  | 11.59 | 48.18 | 0.57 | 6.07 | 72.77 | 1.01 | 43.62 |
| 1.356 | 11.59 | 48.19 | 0.57 | 6.06 | 74.18 | 0.92 | 43.62 |
| 1.372 | 11.59 | 48.2  | 0.5  | 6.05 | 74.73 | 0.98 | 43.64 |
| 1.395 | 11.59 | 48.19 | 0.42 | 6.03 | 70.77 | 0.97 | 43.63 |
| 1.399 | 11.59 | 48.23 | 0.61 | 5.95 | 79.54 | 0.92 | 43.67 |
| 1.413 | 11.59 | 48.21 | 0.53 | 5.92 | 74.51 | 0.97 | 43.64 |
| 1.427 | 11.58 | 48.22 | 0.57 | 5.85 | 74.01 | 1.01 | 43.66 |
| 1.433 | 11.58 | 48.21 | 0.57 | 5.84 | 77.61 | 1.01 | 43.65 |
| 1.446 | 11.58 | 48.18 | 0.5  | 5.83 | 79.25 | 0.97 | 43.62 |
| 1.457 | 11.57 | 48.16 | 0.69 | 5.82 | 73.96 | 0.93 | 43.61 |
| 1.462 | 11.57 | 48.18 | 0.53 | 5.82 | 73.75 | 0.89 | 43.63 |
| 1.463 | 11.57 | 48.18 | 0.65 | 5.81 | 74.34 | 1.05 | 43.63 |
| 1.464 | 11.57 | 48.18 | 0.99 | 5.79 | 73.84 | 1.01 | 43.63 |
| 1.476 | 11.57 | 48.19 | 1.49 | 5.77 | 72.88 | 1.05 | 43.65 |
| 1.495 | 11.57 | 48.18 | 0.88 | 5.74 | 74.63 | 1.08 | 43.64 |
| 1.505 | 11.57 | 48.19 | 1.11 | 5.72 | 72.08 | 0.97 | 43.65 |
| 1.513 | 11.57 | 48.2  | 0.8  | 5.69 | 73.38 | 1.01 | 43.65 |
| 1.521 | 11.57 | 48.18 | 0.84 | 5.67 | 75.55 | 0.92 | 43.64 |
| 1.535 | 11.57 | 48.2  | 0.88 | 5.65 | 74.34 | 0.96 | 43.65 |
| 1.548 | 11.58 | 48.22 | 1.34 | 5.54 | 74.42 | 0.95 | 43.66 |
| 1.564 | 11.59 | 48.18 | 0.92 | 5.52 | 74.42 | 1.03 | 43.61 |
| 1.568 | 11.59 | 48.26 | 1.26 | 5.53 | 71.96 | 1.0  | 43.7  |
| 1.574 | 11.57 | 48.23 | 0.69 | 5.52 | 73.21 | 1.03 | 43.68 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.579 | 11.56 | 48.22 | 0.61 | 5.56 | 72.87  | 1.06 | 43.68 |
| 1.591 | 11.55 | 48.2  | 0.57 | 5.62 | 75.11  | 0.99 | 43.67 |
| 1.609 | 11.55 | 48.19 | 0.53 | 5.7  | 73.43  | 1.03 | 43.66 |
| 1.627 | 11.56 | 48.22 | 0.61 | 5.81 | 76.31  | 1.08 | 43.69 |
| 1.645 | 11.56 | 48.22 | 0.65 | 5.93 | 73.99  | 1.02 | 43.69 |
| 1.669 | 11.56 | 48.22 | 0.5  | 6.07 | 72.51  | 1.02 | 43.69 |
| 1.695 | 11.56 | 48.2  | 0.61 | 6.19 | 75.6   | 1.08 | 43.67 |
| 1.723 | 11.56 | 48.22 | 0.65 | 6.29 | 76.31  | 1.06 | 43.69 |
| 1.748 | 11.57 | 48.22 | 0.61 | 6.37 | 75.2   | 1.06 | 43.68 |
| 1.769 | 11.57 | 48.22 | 0.38 | 6.44 | 75.8   | 1.14 | 43.68 |
| 1.787 | 11.57 | 48.24 | 0.57 | 6.47 | 74.3   | 1.11 | 43.7  |
| 1.809 | 11.57 | 48.26 | 0.46 | 6.48 | 74.44  | 1.16 | 43.72 |
| 1.824 | 11.58 | 48.22 | 0.61 | 6.48 | 74.65  | 1.09 | 43.67 |
| 1.833 | 11.58 | 48.26 | 0.53 | 6.47 | 73.26  | 1.07 | 43.7  |
| 1.847 | 11.59 | 48.27 | 0.72 | 6.46 | 73.44  | 1.1  | 43.71 |
| 1.862 | 11.59 | 48.24 | 0.57 | 6.44 | 75.62  | 1.16 | 43.67 |
| 1.873 | 11.59 | 48.25 | 0.61 | 6.42 | 74.09  | 1.12 | 43.68 |
| 1.887 | 11.6  | 48.26 | 0.57 | 6.39 | 74.58  | 1.05 | 43.68 |
| 1.904 | 11.6  | 48.26 | 0.46 | 6.37 | 76.04  | 1.1  | 43.69 |
| 1.922 | 11.6  | 48.26 | 0.65 | 6.35 | 74.73  | 1.2  | 43.68 |
| 1.936 | 11.6  | 48.26 | 0.5  | 6.31 | 74.44  | 1.14 | 43.69 |
| 1.95  | 11.6  | 48.28 | 0.65 | 6.27 | 75.38  | 1.03 | 43.7  |
| 1.959 | 11.6  | 48.27 | 0.65 | 6.23 | 75.36  | 1.08 | 43.69 |
| 1.971 | 11.6  | 48.26 | 0.53 | 6.19 | 76.24  | 1.07 | 43.68 |
| 1.98  | 11.6  | 48.28 | 0.5  | 6.14 | 76.8   | 1.03 | 43.7  |
| 1.985 | 11.6  | 48.29 | 0.5  | 6.1  | 77.88  | 1.04 | 43.71 |
| 1.993 | 11.6  | 48.27 | 0.61 | 6.07 | 77.02  | 1.05 | 43.69 |
| 2.001 | 11.6  | 48.26 | 0.5  | 6.04 | 76.11  | 1.07 | 43.69 |
| 2.01  | 11.6  | 48.28 | 0.65 | 6.01 | 78.31  | 1.05 | 43.71 |
| 2.021 | 11.6  | 48.28 | 0.42 | 5.99 | 78.08  | 1.09 | 43.71 |
| 2.031 | 11.6  | 48.29 | 0.61 | 5.97 | 76.91  | 1.13 | 43.71 |
| 2.04  | 11.6  | 48.3  | 0.65 | 5.95 | 79.14  | 1.09 | 43.72 |
| 2.049 | 11.6  | 48.3  | 0.95 | 5.93 | 78.84  | 1.07 | 43.73 |
| 2.061 | 11.6  | 48.28 | 0.72 | 5.91 | 78.3   | 1.11 | 43.71 |
| 2.069 | 11.6  | 48.28 | 0.69 | 5.88 | 78.99  | 1.09 | 43.7  |
| 2.078 | 11.6  | 48.32 | 0.76 | 5.85 | 80.39  | 1.09 | 43.74 |
| 2.085 | 11.6  | 48.29 | 0.88 | 5.85 | 80.06  | 1.04 | 43.72 |
| 2.095 | 11.6  | 48.26 | 1.22 | 5.82 | 80.41  | 1.08 | 43.68 |
| 2.107 | 11.6  | 48.3  | 1.45 | 5.8  | 83.04  | 1.1  | 43.72 |
| 2.116 | 11.6  | 48.3  | 1.22 | 5.79 | 80.54  | 1.19 | 43.72 |
| 2.12  | 11.6  | 48.26 | 0.76 | 5.77 | 82.09  | 1.12 | 43.68 |
| 2.122 | 11.6  | 48.31 | 0.92 | 5.75 | 83.9   | 1.12 | 43.73 |
| 2.127 | 11.6  | 48.3  | 1.34 | 5.74 | 83.72  | 1.09 | 43.72 |
| 2.131 | 11.6  | 48.25 | 1.3  | 5.72 | 81.71  | 1.14 | 43.67 |
| 2.135 | 11.6  | 48.3  | 1.6  | 5.7  | 83.56  | 1.11 | 43.72 |
| 2.141 | 11.6  | 48.31 | 1.3  | 5.68 | 84.27  | 1.17 | 43.74 |
| 2.143 | 11.59 | 48.28 | 1.22 | 5.66 | 84.11  | 1.21 | 43.72 |
| 2.144 | 11.59 | 48.32 | 0.95 | 5.67 | 86.94  | 1.24 | 43.75 |
| 2.149 | 11.59 | 48.28 | 0.92 | 5.68 | 87.06  | 1.18 | 43.71 |
| 2.158 | 11.59 | 48.27 | 0.88 | 5.7  | 86.64  | 1.11 | 43.71 |
| 2.169 | 11.59 | 48.29 | 1.11 | 5.74 | 88.06  | 1.24 | 43.73 |
| 2.179 | 11.59 | 48.28 | 0.88 | 5.79 | 86.62  | 1.17 | 43.71 |
| 2.186 | 11.59 | 48.29 | 0.95 | 5.85 | 89.02  | 1.2  | 43.72 |
| 2.204 | 11.58 | 48.31 | 0.72 | 5.93 | 93.27  | 1.18 | 43.75 |
| 2.229 | 11.59 | 48.29 | 0.92 | 6.01 | 100.68 | 1.14 | 43.73 |
| 2.257 | 11.58 | 48.28 | 0.88 | 6.09 | 104.24 | 1.11 | 43.72 |
| 2.281 | 11.58 | 48.33 | 0.65 | 6.17 | 111.49 | 1.16 | 43.77 |
| 2.304 | 11.59 | 48.3  | 0.8  | 6.27 | 117.79 | 1.11 | 43.74 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.324 | 11.59 | 48.28 | 0.57 | 6.33 | 123.81 | 1.15 | 43.71 |
| 2.339 | 11.59 | 48.32 | 0.72 | 6.39 | 126.12 | 1.21 | 43.75 |
| 2.35  | 11.59 | 48.34 | 0.76 | 6.44 | 134.42 | 1.1  | 43.77 |
| 2.36  | 11.59 | 48.3  | 0.76 | 6.49 | 132.2  | 1.14 | 43.72 |
| 2.366 | 11.6  | 48.28 | 0.72 | 6.52 | 128.9  | 1.16 | 43.71 |
| 2.371 | 11.6  | 48.33 | 0.72 | 6.53 | 162.03 | 1.12 | 43.76 |
| 2.378 | 11.59 | 48.33 | 1.22 | 6.54 | 140.77 | 1.19 | 43.76 |
| 2.39  | 11.59 | 48.28 | 0.76 | 6.53 | 134.39 | 1.18 | 43.71 |
| 2.402 | 11.59 | 48.33 | 0.72 | 6.52 | 132.29 | 1.2  | 43.76 |
| 2.411 | 11.59 | 48.34 | 0.53 | 6.5  | 145.14 | 1.15 | 43.78 |
| 2.417 | 11.59 | 48.28 | 0.5  | 6.48 | 141.29 | 1.17 | 43.72 |
| 2.422 | 11.59 | 48.31 | 0.38 | 6.46 | 143.24 | 1.17 | 43.74 |
| 2.428 | 11.58 | 48.35 | 1.14 | 6.45 | 137.7  | 1.16 | 43.79 |
| 2.438 | 11.58 | 48.31 | 0.65 | 6.45 | 135.27 | 1.23 | 43.76 |
| 2.447 | 11.58 | 48.29 | 0.72 | 6.46 | 146.22 | 1.2  | 43.74 |
| 2.456 | 11.58 | 48.32 | 0.5  | 6.5  | 132.6  | 1.21 | 43.77 |
| 2.469 | 11.58 | 48.33 | 0.88 | 6.55 | 143.44 | 1.13 | 43.78 |
| 2.479 | 11.58 | 48.29 | 0.84 | 6.62 | 140.28 | 1.19 | 43.74 |
| 2.486 | 11.58 | 48.32 | 0.69 | 6.67 | 156.14 | 1.15 | 43.77 |
| 2.488 | 11.57 | 48.35 | 0.72 | 6.73 | 157.37 | 1.12 | 43.8  |
| 2.49  | 11.58 | 48.3  | 0.69 | 6.78 | 141.95 | 1.24 | 43.75 |
| 2.496 | 11.58 | 48.31 | 0.61 | 6.82 | 147.07 | 1.17 | 43.76 |
| 2.518 | 11.58 | 48.36 | 0.92 | 6.85 | 152.98 | 1.16 | 43.81 |
| 2.556 | 11.58 | 48.32 | 0.72 | 6.89 | 133.83 | 1.17 | 43.76 |
| 2.597 | 11.58 | 48.29 | 0.61 | 6.92 | 144.17 | 1.24 | 43.73 |
| 2.622 | 11.58 | 48.32 | 0.61 | 6.95 | 159.32 | 1.21 | 43.77 |
| 2.636 | 11.58 | 48.36 | 0.65 | 7.0  | 146.19 | 1.14 | 43.81 |
| 2.655 | 11.58 | 48.32 | 1.22 | 7.05 | 158.47 | 1.23 | 43.77 |
| 2.685 | 11.58 | 48.32 | 1.14 | 7.11 | 151.54 | 1.21 | 43.76 |
| 2.727 | 11.58 | 48.36 | 1.03 | 7.17 | 142.18 | 1.26 | 43.81 |
| 2.777 | 11.58 | 48.34 | 0.95 | 7.21 | 156.9  | 1.22 | 43.78 |
| 2.822 | 11.58 | 48.32 | 0.76 | 7.22 | 151.26 | 1.22 | 43.76 |
| 2.863 | 11.59 | 48.36 | 0.72 | 7.24 | 160.84 | 1.21 | 43.79 |
| 2.906 | 11.59 | 48.37 | 0.76 | 7.23 | 151.26 | 1.16 | 43.8  |
| 2.955 | 11.59 | 48.33 | 0.8  | 7.19 | 169.84 | 1.11 | 43.76 |
| 2.993 | 11.59 | 48.34 | 0.76 | 7.14 | 159.43 | 1.14 | 43.77 |
| 3.014 | 11.6  | 48.38 | 0.95 | 7.08 | 147.31 | 1.17 | 43.81 |
| 3.038 | 11.6  | 48.38 | 0.61 | 7.02 | 164.57 | 1.23 | 43.8  |
| 3.072 | 11.6  | 48.34 | 0.53 | 6.97 | 155.67 | 1.3  | 43.76 |
| 3.109 | 11.61 | 48.35 | 0.57 | 6.92 | 156.46 | 1.33 | 43.77 |
| 3.147 | 11.61 | 48.38 | 0.72 | 6.88 | 158.25 | 1.19 | 43.79 |
| 3.182 | 11.61 | 48.36 | 0.72 | 6.85 | 161.58 | 1.21 | 43.78 |
| 3.198 | 11.61 | 48.33 | 0.61 | 6.83 | 167.77 | 1.22 | 43.74 |
| 3.203 | 11.61 | 48.39 | 0.72 | 6.82 | 150.87 | 1.2  | 43.8  |
| 3.22  | 11.6  | 48.4  | 0.65 | 6.8  | 154.37 | 1.22 | 43.82 |
| 3.249 | 11.61 | 48.35 | 0.57 | 6.78 | 159.98 | 1.28 | 43.75 |
| 3.273 | 11.62 | 48.35 | 0.57 | 6.75 | 150.35 | 1.34 | 43.75 |
| 3.299 | 11.61 | 48.41 | 0.65 | 6.73 | 151.01 | 1.23 | 43.81 |
| 3.334 | 11.61 | 48.36 | 0.65 | 6.71 | 157.01 | 1.27 | 43.77 |
| 3.369 | 11.62 | 48.36 | 0.76 | 6.7  | 159.13 | 1.27 | 43.76 |
| 3.399 | 11.62 | 48.4  | 0.72 | 6.72 | 162.37 | 1.26 | 43.81 |
| 3.423 | 11.61 | 48.38 | 0.65 | 6.76 | 155.88 | 1.36 | 43.79 |
| 3.441 | 11.61 | 48.36 | 0.46 | 6.82 | 155.13 | 1.22 | 43.77 |
| 3.444 | 11.62 | 48.38 | 0.53 | 7.06 | 157.12 | 1.24 | 43.79 |
| 3.455 | 11.62 | 48.43 | 0.53 | 7.07 | 159.32 | 1.21 | 43.83 |
| 3.475 | 11.63 | 48.37 | 0.65 | 7.06 | 150.94 | 1.25 | 43.76 |
| 3.492 | 11.64 | 48.37 | 0.65 | 7.03 | 147.69 | 1.21 | 43.75 |
| 3.519 | 11.63 | 48.43 | 0.76 | 7.0  | 148.62 | 1.25 | 43.82 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.563 | 11.63 | 48.4  | 0.53 | 6.95 | 150.0  | 1.27 | 43.78 |
| 3.617 | 11.64 | 48.38 | 0.57 | 6.92 | 152.06 | 1.27 | 43.76 |
| 3.683 | 11.64 | 48.44 | 0.5  | 6.91 | 152.17 | 1.21 | 43.82 |
| 3.735 | 11.64 | 48.4  | 0.5  | 6.94 | 155.88 | 1.17 | 43.78 |
| 3.743 | 11.63 | 48.46 | 0.65 | 7.04 | 148.13 | 1.27 | 43.85 |
| 3.748 | 11.63 | 48.43 | 0.65 | 7.12 | 151.99 | 1.28 | 43.82 |
| 3.759 | 11.65 | 48.41 | 0.46 | 7.19 | 151.47 | 1.32 | 43.77 |
| 3.779 | 11.66 | 48.45 | 0.5  | 7.26 | 144.91 | 1.85 | 43.8  |
| 3.789 | 11.65 | 48.44 | 0.53 | 7.39 | 154.3  | 1.25 | 43.8  |
| 3.798 | 11.65 | 48.46 | 0.57 | 7.4  | 143.64 | 1.23 | 43.83 |
| 3.823 | 11.65 | 48.42 | 0.65 | 7.39 | 146.83 | 1.24 | 43.79 |
| 3.848 | 11.65 | 48.42 | 0.69 | 7.37 | 150.8  | 1.21 | 43.78 |
| 3.869 | 11.65 | 48.45 | 0.57 | 7.32 | 145.92 | 1.25 | 43.81 |
| 3.889 | 11.64 | 48.45 | 0.8  | 7.27 | 143.54 | 1.25 | 43.82 |
| 3.915 | 11.64 | 48.44 | 0.95 | 7.2  | 146.9  | 1.26 | 43.81 |
| 3.937 | 11.64 | 48.42 | 1.3  | 7.13 | 150.7  | 1.2  | 43.79 |
| 3.948 | 11.65 | 48.44 | 0.72 | 7.06 | 140.48 | 1.23 | 43.81 |
| 4.031 | 11.68 | 48.41 | 1.6  | 6.86 | 141.0  | 1.19 | 43.75 |
| 4.054 | 11.68 | 48.48 | 1.03 | 6.8  | 140.54 | 1.17 | 43.81 |
| 4.082 | 11.67 | 48.5  | 1.22 | 6.76 | 138.34 | 1.21 | 43.84 |
| 4.122 | 11.68 | 48.46 | 1.6  | 6.72 | 142.54 | 1.22 | 43.8  |
| 4.268 | 11.71 | 48.5  | 1.45 | 6.65 | 136.62 | 1.31 | 43.8  |
| 4.299 | 11.72 | 48.43 | 1.53 | 6.64 | 132.81 | 1.34 | 43.71 |
| 4.312 | 11.71 | 48.51 | 1.41 | 6.62 | 133.59 | 1.3  | 43.81 |
| 4.322 | 11.69 | 48.54 | 0.84 | 6.61 | 133.34 | 1.29 | 43.86 |
| 4.339 | 11.69 | 48.49 | 0.99 | 6.63 | 130.62 | 1.33 | 43.8  |
| 4.37  | 11.7  | 48.5  | 0.69 | 6.66 | 130.4  | 1.26 | 43.81 |
| 4.408 | 11.71 | 48.53 | 1.41 | 6.73 | 131.5  | 1.29 | 43.83 |
| 4.446 | 11.71 | 48.5  | 1.03 | 6.81 | 129.29 | 1.34 | 43.79 |
| 4.487 | 11.71 | 48.53 | 0.69 | 6.89 | 129.38 | 1.25 | 43.82 |
| 4.533 | 11.72 | 48.52 | 0.53 | 6.95 | 127.8  | 1.24 | 43.8  |
| 4.582 | 11.73 | 48.51 | 0.69 | 7.02 | 125.16 | 1.22 | 43.78 |
| 4.632 | 11.73 | 48.51 | 0.61 | 7.06 | 127.03 | 1.27 | 43.78 |
| 4.671 | 11.74 | 48.51 | 0.5  | 7.08 | 125.02 | 1.26 | 43.77 |
| 4.7   | 11.74 | 48.55 | 0.61 | 7.09 | 124.35 | 1.26 | 43.81 |
| 4.73  | 11.74 | 48.58 | 0.57 | 7.08 | 123.86 | 1.3  | 43.83 |
| 4.761 | 11.75 | 48.5  | 0.53 | 7.06 | 122.83 | 1.21 | 43.75 |
| 4.776 | 11.75 | 48.5  | 0.72 | 7.04 | 121.45 | 1.21 | 43.74 |
| 4.786 | 11.74 | 48.6  | 0.46 | 7.02 | 121.11 | 1.24 | 43.85 |
| 4.806 | 11.74 | 48.59 | 0.61 | 7.0  | 121.36 | 1.24 | 43.85 |
| 4.834 | 11.74 | 48.53 | 0.5  | 6.97 | 119.99 | 1.27 | 43.79 |
| 4.866 | 11.74 | 48.56 | 0.57 | 6.95 | 119.13 | 1.27 | 43.82 |
| 4.906 | 11.74 | 48.59 | 0.53 | 6.94 | 117.79 | 1.25 | 43.85 |
| 4.942 | 11.75 | 48.53 | 0.69 | 6.93 | 117.3  | 1.16 | 43.79 |
| 4.973 | 11.74 | 48.56 | 0.84 | 6.92 | 115.17 | 1.21 | 43.82 |
| 4.999 | 11.74 | 48.6  | 0.65 | 6.91 | 114.61 | 1.21 | 43.86 |
| 5.023 | 11.73 | 48.58 | 0.42 | 6.9  | 115.97 | 1.27 | 43.85 |
| 5.046 | 11.73 | 48.58 | 0.65 | 6.88 | 114.61 | 1.2  | 43.85 |
| 5.077 | 11.73 | 48.59 | 0.57 | 6.87 | 113.92 | 1.29 | 43.87 |
| 5.103 | 11.73 | 48.55 | 0.57 | 6.85 | 113.74 | 1.22 | 43.82 |
| 5.121 | 11.73 | 48.56 | 0.76 | 6.82 | 112.22 | 1.22 | 43.82 |
| 5.132 | 11.74 | 48.61 | 0.84 | 6.8  | 112.56 | 1.19 | 43.87 |
| 5.141 | 11.74 | 48.59 | 1.3  | 6.78 | 112.24 | 1.3  | 43.85 |
| 5.146 | 11.74 | 48.58 | 0.69 | 6.75 | 112.53 | 1.3  | 43.84 |
| 5.15  | 11.74 | 48.59 | 0.57 | 6.72 | 112.56 | 1.37 | 43.85 |
| 5.157 | 11.75 | 48.62 | 0.57 | 6.69 | 111.96 | 1.24 | 43.87 |
| 5.169 | 11.76 | 48.58 | 0.65 | 6.66 | 112.45 | 1.34 | 43.83 |
| 5.182 | 11.76 | 48.58 | 0.84 | 6.63 | 112.48 | 1.24 | 43.81 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 5.195 | 11.76 | 48.59 | 0.69 | 6.59 | 111.08 | 1.29 | 43.83 |
| 5.204 | 11.76 | 48.59 | 0.57 | 6.54 | 110.9  | 1.21 | 43.82 |
| 5.205 | 11.77 | 48.6  | 0.46 | 6.51 | 111.83 | 1.21 | 43.83 |
| 5.209 | 11.77 | 48.63 | 0.69 | 6.47 | 109.9  | 1.17 | 43.86 |
| 5.239 | 11.77 | 48.65 | 0.53 | 6.42 | 108.76 | 1.12 | 43.88 |
| 5.299 | 11.78 | 48.61 | 0.57 | 6.38 | 106.96 | 1.21 | 43.83 |
| 5.352 | 11.78 | 48.57 | 0.61 | 6.35 | 107.06 | 1.22 | 43.78 |
| 5.39  | 11.78 | 48.65 | 0.53 | 6.32 | 107.09 | 1.26 | 43.87 |
| 5.417 | 11.77 | 48.64 | 0.53 | 6.31 | 104.85 | 1.21 | 43.87 |
| 5.426 | 11.77 | 48.67 | 0.61 | 6.3  | 105.66 | 1.14 | 43.9  |
| 5.43  | 11.77 | 48.7  | 0.42 | 6.31 | 105.68 | 1.22 | 43.92 |
| 5.444 | 11.78 | 48.67 | 0.5  | 6.32 | 104.75 | 1.25 | 43.88 |
| 5.47  | 11.78 | 48.7  | 0.5  | 6.33 | 103.64 | 1.21 | 43.91 |
| 5.503 | 11.78 | 48.7  | 0.3  | 6.36 | 103.91 | 1.26 | 43.91 |
| 5.525 | 11.79 | 48.66 | 0.3  | 6.4  | 102.9  | 1.16 | 43.87 |
| 5.542 | 11.79 | 48.75 | 0.72 | 6.44 | 101.86 | 1.22 | 43.95 |
| 5.566 | 11.79 | 48.76 | 0.46 | 6.49 | 101.74 | 1.27 | 43.96 |
| 5.592 | 11.79 | 48.75 | 0.46 | 6.54 | 100.73 | 1.24 | 43.95 |
| 5.614 | 11.8  | 48.76 | 0.53 | 6.61 | 100.36 | 1.21 | 43.96 |
| 5.633 | 11.8  | 48.77 | 0.57 | 6.69 | 100.87 | 1.29 | 43.97 |
| 5.652 | 11.8  | 48.78 | 0.8  | 6.76 | 100.38 | 1.23 | 43.97 |
| 5.713 | 11.8  | 48.8  | 1.45 | 7.09 | 98.83  | 1.33 | 43.99 |
| 5.715 | 11.8  | 48.8  | 0.88 | 7.12 | 100.29 | 1.23 | 43.99 |
| 5.72  | 11.8  | 48.81 | 1.11 | 7.15 | 99.89  | 1.24 | 44.0  |
| 5.73  | 11.8  | 48.81 | 0.92 | 7.16 | 98.76  | 1.27 | 44.0  |
| 5.744 | 11.8  | 48.81 | 1.41 | 7.18 | 98.63  | 1.25 | 44.0  |
| 5.828 | 11.8  | 48.81 | 1.07 | 7.29 | 97.63  | 1.24 | 44.0  |
| 5.834 | 11.8  | 48.81 | 0.95 | 7.34 | 97.63  | 1.25 | 44.01 |
| 5.85  | 11.8  | 48.81 | 0.88 | 7.39 | 97.31  | 1.26 | 44.0  |
| 5.869 | 11.8  | 48.81 | 0.46 | 7.45 | 96.86  | 1.24 | 44.0  |
| 5.883 | 11.8  | 48.82 | 0.61 | 7.5  | 96.9   | 1.21 | 44.01 |
| 5.899 | 11.8  | 48.82 | 0.69 | 7.55 | 97.02  | 1.24 | 44.01 |
| 5.924 | 11.8  | 48.82 | 0.88 | 7.58 | 95.81  | 1.3  | 44.01 |
| 5.955 | 11.8  | 48.82 | 0.84 | 7.59 | 94.4   | 1.23 | 44.01 |
| 5.99  | 11.8  | 48.82 | 0.69 | 7.6  | 93.23  | 1.17 | 44.01 |
| 6.024 | 11.8  | 48.82 | 0.8  | 7.61 | 93.75  | 1.26 | 44.01 |
| 6.055 | 11.8  | 48.82 | 0.72 | 7.64 | 93.83  | 1.3  | 44.01 |
| 6.094 | 11.8  | 48.82 | 0.65 | 7.69 | 92.62  | 1.24 | 44.01 |
| 6.141 | 11.8  | 48.82 | 0.84 | 7.72 | 91.3   | 1.24 | 44.02 |
| 6.2   | 11.8  | 48.83 | 0.5  | 7.77 | 90.38  | 1.37 | 44.02 |
| 6.257 | 11.8  | 48.83 | 0.61 | 7.84 | 88.76  | 1.27 | 44.02 |
| 6.293 | 11.8  | 48.83 | 0.5  | 7.91 | 86.74  | 1.27 | 44.02 |
| 6.301 | 11.8  | 48.83 | 0.72 | 7.98 | 87.25  | 1.22 | 44.02 |
| 6.302 | 11.8  | 48.83 | 0.65 | 8.04 | 87.98  | 1.24 | 44.02 |
| 6.303 | 11.81 | 48.83 | 0.8  | 8.09 | 87.84  | 1.34 | 44.02 |



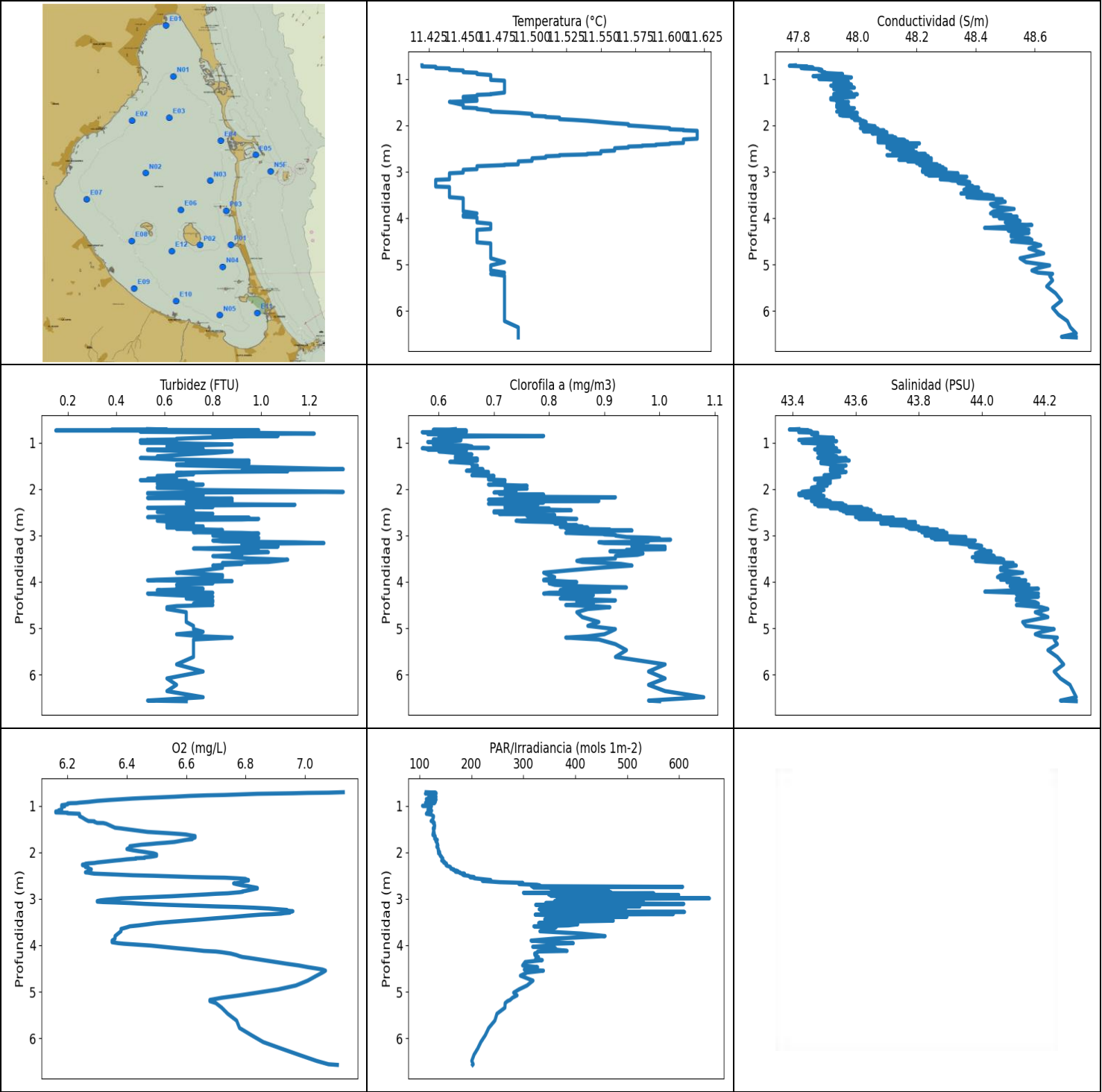
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.06      | 47.33               | 0.53           | 8.8            | 78.21                       | 0.61              | 43.31           |
| PROF (metros)                                                                | 0.902      | 1.072               | 0.897          | 0.704          | 0.816                       | 0.704             | 0.704           |
| MÁXIMO                                                                       | 11.2       | 11.2                | 0.88           | 9.15           | 93.77                       | 0.73              | 43.49           |
| PROF (metros)                                                                | 1.119      | 1.103               | 0.816          | 1.085          | 0.86                        | 0.998             | 1.103           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P03 - Punto 011                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.08      | 47.35               | 0.7            | 8.97           | 85.64                       | 0.66              | 43.37           |
| 1 - 2m                                                     | 11.12      | 47.42               | 0.74           | 9.1            | 83.39                       | 0.69              | 43.39           |

| 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) |
| 0.704                                                          | 11.12      | 47.35               | 0.69           | 8.8            | 88.45                       | 0.61              | 43.31           |
| 0.717                                                          | 11.12      | 47.35               | 0.65           | 8.81           | 92.73                       | 0.69              | 43.31           |
| 0.729                                                          | 11.12      | 47.35               | 0.65           | 8.83           | 83.9                        | 0.69              | 43.32           |
| 0.744                                                          | 11.11      | 47.35               | 0.72           | 8.84           | 86.96                       | 0.64              | 43.33           |
| 0.754                                                          | 11.09      | 47.36               | 0.8            | 8.88           | 91.58                       | 0.63              | 43.36           |
| 0.76                                                           | 11.08      | 47.35               | 0.76           | 8.89           | 83.24                       | 0.66              | 43.37           |
| 0.778                                                          | 11.07      | 47.35               | 0.57           | 8.91           | 86.66                       | 0.69              | 43.38           |
| 0.799                                                          | 11.07      | 47.35               | 0.65           | 8.91           | 88.32                       | 0.66              | 43.38           |
| 0.816                                                          | 11.07      | 47.35               | 0.88           | 8.92           | 78.21                       | 0.66              | 43.38           |
| 0.83                                                           | 11.07      | 47.35               | 0.65           | 8.91           | 80.47                       | 0.72              | 43.37           |
| 0.839                                                          | 11.08      | 47.35               | 0.61           | 8.93           | 85.86                       | 0.64              | 43.37           |
| 0.848                                                          | 11.08      | 47.35               | 0.72           | 8.95           | 83.74                       | 0.66              | 43.37           |
| 0.86                                                           | 11.07      | 47.35               | 0.88           | 8.96           | 93.77                       | 0.63              | 43.37           |
| 0.875                                                          | 11.07      | 47.35               | 0.76           | 8.98           | 84.44                       | 0.66              | 43.38           |
| 0.888                                                          | 11.07      | 47.35               | 0.76           | 8.99           | 81.35                       | 0.65              | 43.38           |
| 0.894                                                          | 11.07      | 47.35               | 0.61           | 9.02           | 86.34                       | 0.69              | 43.38           |
| 0.897                                                          | 11.07      | 47.35               | 0.53           | 9.03           | 82.79                       | 0.64              | 43.38           |
| 0.902                                                          | 11.06      | 47.35               | 0.72           | 9.04           | 83.93                       | 0.62              | 43.38           |
| 0.915                                                          | 11.06      | 47.34               | 0.69           | 9.04           | 92.17                       | 0.63              | 43.38           |
| 0.928                                                          | 11.06      | 47.34               | 0.69           | 9.05           | 86.6                        | 0.64              | 43.38           |
| 0.938                                                          | 11.06      | 47.34               | 0.72           | 9.06           | 81.61                       | 0.65              | 43.38           |
| 0.95                                                           | 11.06      | 47.34               | 0.72           | 9.07           | 93.36                       | 0.66              | 43.37           |
| 0.962                                                          | 11.07      | 47.34               | 0.72           | 9.08           | 80.6                        | 0.68              | 43.37           |
| 0.969                                                          | 11.07      | 47.34               | 0.65           | 9.08           | 90.06                       | 0.69              | 43.37           |
| 0.977                                                          | 11.07      | 47.34               | 0.57           | 9.09           | 82.2                        | 0.63              | 43.37           |
| 0.986                                                          | 11.07      | 47.34               | 0.76           | 9.1            | 78.62                       | 0.66              | 43.37           |
| 0.998                                                          | 11.07      | 47.34               | 0.65           | 9.11           | 84.32                       | 0.73              | 43.37           |
| 1.015                                                          | 11.07      | 47.34               | 0.76           | 9.11           | 79.04                       | 0.69              | 43.37           |
| 1.037                                                          | 11.07      | 47.34               | 0.72           | 9.12           | 85.17                       | 0.7               | 43.37           |
| 1.056                                                          | 11.07      | 47.34               | 0.8            | 9.13           | 80.9                        | 0.69              | 43.36           |
| 1.072                                                          | 11.07      | 47.33               | 0.69           | 9.14           | 82.62                       | 0.69              | 43.36           |
| 1.085                                                          | 11.07      | 47.34               | 0.65           | 9.15           | 81.37                       | 0.73              | 43.36           |
| 1.096                                                          | 11.07      | 47.45               | 0.72           | 9.15           | 85.56                       | 0.73              | 43.48           |
| 1.103                                                          | 11.11      | 47.51               | 0.84           | 9.15           | 81.82                       | 0.69              | 43.49           |
| 1.111                                                          | 11.16      | 47.5                | 0.69           | 9.13           | 82.14                       | 0.66              | 43.43           |
| 1.118                                                          | 11.19      | 47.48               | 0.8            | 9.1            | 86.62                       | 0.66              | 43.38           |
| 1.119                                                          | 11.2       | 47.48               | 0.84           | 9.02           | 83.8                        | 0.66              | 43.35           |
| 1.123                                                          | 11.2       | 47.47               | 0.65           | 8.89           | 88.22                       | 0.65              | 43.34           |





| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.42      | 47.77               | 0.15           | 6.16           | 106.0                       | 0.57              | 43.39           |
| PROF (metros)                                                                | 0.708      | 0.718               | 0.738          | 1.122          | 1.0                         | 0.775             | 0.718           |
| MÁXIMO                                                                       | 11.62      | 11.62               | 1.34           | 7.13           | 658.41                      | 1.08              | 44.3            |
| PROF (metros)                                                                | 2.12       | 6.488               | 1.573          | 0.708          | 2.991                       | 6.488             | 6.488           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E06 - Punto 012                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.45      | 47.87               | 0.7            | 6.54           | 122.17                      | 0.62              | 43.46           |
| 1 - 2m                                                     | 11.48      | 47.96               | 0.7            | 6.36           | 126.8                       | 0.66              | 43.51           |
| 2 - 3m                                                     | 11.55      | 48.15               | 0.74           | 6.53           | 254.16                      | 0.79              | 43.63           |
| 3 - 4m                                                     | 11.44      | 48.39               | 0.89           | 6.58           | 403.95                      | 0.92              | 44.0            |
| 4 - 5m                                                     | 11.46      | 48.55               | 0.69           | 6.84           | 324.25                      | 0.86              | 44.14           |
| 5 - 6m                                                     | 11.48      | 48.64               | 0.74           | 6.75           | 261.62                      | 0.92              | 44.22           |
| 6 - 7m                                                     | 11.49      | 48.71               | 0.64           | 7.0            | 207.12                      | 1.01              | 44.28           |

| OBSERVACIONES GENERALES |
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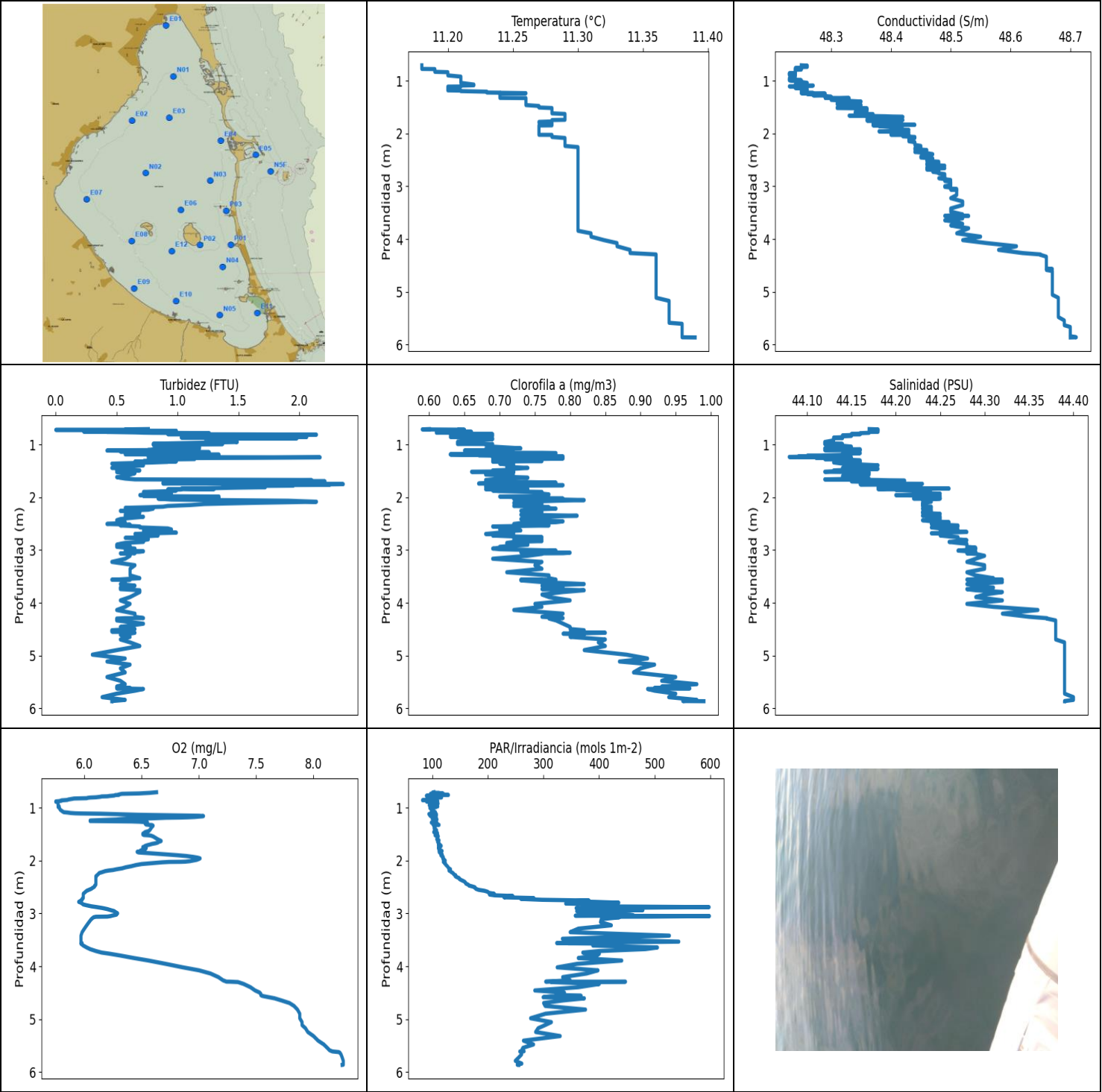
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.708                                                          | 11.42      | 47.79               | 0.53           | 7.13           | 113.13                      | 0.63              | 43.42           |
| 0.718                                                          | 11.42      | 47.77               | 0.61           | 7.08           | 131.37                      | 0.62              | 43.39           |
| 0.723                                                          | 11.42      | 47.79               | 0.38           | 7.01           | 112.92                      | 0.59              | 43.42           |
| 0.731                                                          | 11.42      | 47.83               | 0.99           | 6.96           | 132.26                      | 0.62              | 43.45           |
| 0.738                                                          | 11.43      | 47.82               | 0.15           | 6.89           | 111.65                      | 0.65              | 43.44           |
| 0.742                                                          | 11.43      | 47.83               | 0.65           | 6.84           | 126.53                      | 0.63              | 43.44           |
| 0.755                                                          | 11.43      | 47.85               | 0.53           | 6.78           | 131.13                      | 0.61              | 43.46           |
| 0.767                                                          | 11.43      | 47.81               | 0.5            | 6.73           | 119.55                      | 0.65              | 43.42           |
| 0.775                                                          | 11.44      | 47.82               | 0.69           | 6.67           | 122.35                      | 0.57              | 43.42           |
| 0.788                                                          | 11.44      | 47.87               | 0.95           | 6.61           | 121.93                      | 0.59              | 43.48           |
| 0.805                                                          | 11.44      | 47.88               | 1.22           | 6.56           | 132.02                      | 0.59              | 43.48           |
| 0.818                                                          | 11.45      | 47.87               | 0.8            | 6.51           | 117.73                      | 0.58              | 43.46           |
| 0.832                                                          | 11.45      | 47.88               | 0.95           | 6.46           | 124.15                      | 0.63              | 43.47           |
| 0.844                                                          | 11.45      | 47.88               | 0.88           | 6.42           | 123.23                      | 0.61              | 43.47           |
| 0.856                                                          | 11.45      | 47.89               | 1.07           | 6.39           | 113.34                      | 0.79              | 43.48           |
| 0.868                                                          | 11.46      | 47.89               | 0.88           | 6.36           | 132.17                      | 0.66              | 43.47           |
| 0.876                                                          | 11.46      | 47.9                | 0.88           | 6.34           | 116.03                      | 0.61              | 43.48           |
| 0.895                                                          | 11.46      | 47.95               | 0.76           | 6.3            | 119.35                      | 0.6               | 43.53           |
| 0.917                                                          | 11.47      | 47.92               | 0.65           | 6.27           | 130.65                      | 0.64              | 43.5            |
| 0.932                                                          | 11.47      | 47.87               | 0.65           | 6.24           | 111.91                      | 0.59              | 43.44           |
| 0.941                                                          | 11.47      | 47.85               | 0.53           | 6.23           | 122.21                      | 0.6               | 43.42           |
| 0.944                                                          | 11.47      | 47.88               | 0.53           | 6.21           | 129.11                      | 0.61              | 43.45           |
| 0.95                                                           | 11.47      | 47.95               | 0.5            | 6.2            | 114.08                      | 0.64              | 43.52           |
| 0.969                                                          | 11.47      | 47.98               | 0.57           | 6.2            | 122.81                      | 0.62              | 43.54           |
| 0.987                                                          | 11.47      | 47.92               | 0.65           | 6.18           | 122.75                      | 0.58              | 43.48           |
| 1.0                                                            | 11.47      | 47.87               | 0.5            | 6.19           | 106.0                       | 0.61              | 43.43           |
| 1.011                                                          | 11.47      | 47.9                | 0.65           | 6.19           | 123.32                      | 0.62              | 43.46           |
| 1.023                                                          | 11.47      | 47.93               | 0.72           | 6.18           | 120.61                      | 0.61              | 43.49           |
| 1.039                                                          | 11.48      | 47.96               | 0.88           | 6.18           | 117.49                      | 0.59              | 43.52           |
| 1.061                                                          | 11.48      | 47.97               | 0.72           | 6.18           | 121.42                      | 0.65              | 43.53           |
| 1.082                                                          | 11.48      | 47.95               | 0.61           | 6.18           | 116.46                      | 0.66              | 43.51           |
| 1.095                                                          | 11.48      | 47.92               | 0.69           | 6.17           | 120.13                      | 0.63              | 43.48           |
| 1.103                                                          | 11.48      | 47.94               | 0.69           | 6.17           | 123.69                      | 0.61              | 43.5            |
| 1.112                                                          | 11.48      | 47.95               | 0.72           | 6.17           | 118.39                      | 0.69              | 43.51           |
| 1.122                                                          | 11.48      | 47.98               | 0.61           | 6.16           | 122.13                      | 0.57              | 43.54           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.136 | 11.48 | 47.97 | 0.76 | 6.16 | 118.23 | 0.58 | 43.53 |
| 1.143 | 11.48 | 47.92 | 0.61 | 6.16 | 117.79 | 0.62 | 43.48 |
| 1.145 | 11.48 | 47.91 | 0.69 | 6.17 | 120.35 | 0.59 | 43.47 |
| 1.148 | 11.48 | 47.95 | 0.53 | 6.18 | 114.74 | 0.62 | 43.51 |
| 1.15  | 11.48 | 47.96 | 0.53 | 6.2  | 122.3  | 0.58 | 43.52 |
| 1.161 | 11.48 | 47.97 | 0.53 | 6.2  | 121.64 | 0.63 | 43.53 |
| 1.172 | 11.48 | 47.97 | 0.61 | 6.24 | 113.37 | 0.65 | 43.52 |
| 1.19  | 11.48 | 47.99 | 0.88 | 6.24 | 122.55 | 0.6  | 43.55 |
| 1.222 | 11.48 | 47.92 | 0.8  | 6.24 | 127.24 | 0.63 | 43.48 |
| 1.254 | 11.48 | 47.94 | 0.69 | 6.25 | 126.92 | 0.66 | 43.49 |
| 1.295 | 11.48 | 47.98 | 0.57 | 6.26 | 125.39 | 0.63 | 43.54 |
| 1.328 | 11.47 | 47.92 | 0.61 | 6.27 | 122.55 | 0.63 | 43.48 |
| 1.333 | 11.47 | 48.0  | 0.5  | 6.29 | 124.5  | 0.64 | 43.57 |
| 1.345 | 11.46 | 47.98 | 0.57 | 6.29 | 127.33 | 0.67 | 43.56 |
| 1.368 | 11.46 | 47.92 | 0.65 | 6.3  | 128.84 | 0.66 | 43.5  |
| 1.371 | 11.46 | 47.99 | 0.72 | 6.32 | 126.42 | 0.63 | 43.57 |
| 1.386 | 11.45 | 47.99 | 0.95 | 6.33 | 128.07 | 0.67 | 43.58 |
| 1.415 | 11.45 | 47.91 | 0.69 | 6.34 | 129.35 | 0.62 | 43.49 |
| 1.444 | 11.46 | 47.91 | 0.95 | 6.35 | 129.32 | 0.66 | 43.49 |
| 1.472 | 11.46 | 47.95 | 0.65 | 6.36 | 127.09 | 0.66 | 43.53 |
| 1.486 | 11.45 | 47.93 | 0.65 | 6.38 | 128.93 | 0.66 | 43.52 |
| 1.495 | 11.44 | 47.97 | 0.72 | 6.39 | 126.74 | 0.67 | 43.57 |
| 1.562 | 11.45 | 47.93 | 1.26 | 6.47 | 128.16 | 0.66 | 43.52 |
| 1.573 | 11.45 | 47.97 | 1.34 | 6.5  | 126.83 | 0.68 | 43.56 |
| 1.589 | 11.45 | 47.97 | 0.99 | 6.54 | 126.62 | 0.66 | 43.56 |
| 1.607 | 11.45 | 47.93 | 0.92 | 6.58 | 128.75 | 0.65 | 43.52 |
| 1.618 | 11.45 | 47.95 | 1.11 | 6.6  | 126.01 | 0.67 | 43.54 |
| 1.631 | 11.46 | 47.99 | 0.84 | 6.61 | 126.12 | 0.69 | 43.57 |
| 1.651 | 11.46 | 47.97 | 0.65 | 6.63 | 130.4  | 0.69 | 43.55 |
| 1.682 | 11.47 | 47.96 | 0.72 | 6.63 | 130.16 | 0.68 | 43.54 |
| 1.705 | 11.47 | 47.93 | 0.65 | 6.62 | 129.29 | 0.66 | 43.5  |
| 1.718 | 11.48 | 47.96 | 0.57 | 6.62 | 132.75 | 0.7  | 43.52 |
| 1.733 | 11.49 | 48.0  | 0.57 | 6.6  | 134.49 | 0.69 | 43.55 |
| 1.756 | 11.5  | 47.98 | 0.65 | 6.58 | 131.62 | 0.69 | 43.52 |
| 1.778 | 11.5  | 47.94 | 0.53 | 6.56 | 132.78 | 0.7  | 43.47 |
| 1.795 | 11.5  | 47.95 | 0.61 | 6.53 | 133.62 | 0.69 | 43.47 |
| 1.809 | 11.51 | 48.0  | 0.5  | 6.5  | 134.64 | 0.72 | 43.52 |
| 1.822 | 11.51 | 48.0  | 0.69 | 6.48 | 134.89 | 0.72 | 43.52 |
| 1.836 | 11.52 | 47.98 | 0.69 | 6.45 | 134.33 | 0.7  | 43.5  |
| 1.852 | 11.52 | 48.0  | 0.61 | 6.43 | 135.68 | 0.7  | 43.51 |
| 1.869 | 11.52 | 48.01 | 0.72 | 6.41 | 133.83 | 0.7  | 43.52 |
| 1.884 | 11.53 | 47.99 | 0.57 | 6.41 | 133.62 | 0.72 | 43.48 |
| 1.903 | 11.54 | 48.02 | 0.76 | 6.41 | 135.55 | 0.69 | 43.51 |
| 1.93  | 11.55 | 48.03 | 0.61 | 6.4  | 136.62 | 0.76 | 43.51 |
| 1.956 | 11.56 | 48.01 | 0.57 | 6.42 | 136.21 | 0.72 | 43.47 |
| 1.976 | 11.57 | 48.01 | 0.57 | 6.44 | 136.59 | 0.74 | 43.46 |
| 1.993 | 11.57 | 48.03 | 0.72 | 6.46 | 138.95 | 0.76 | 43.49 |
| 2.004 | 11.57 | 48.04 | 0.72 | 6.47 | 137.7  | 0.73 | 43.48 |
| 2.022 | 11.58 | 48.06 | 0.76 | 6.49 | 136.84 | 0.72 | 43.5  |
| 2.044 | 11.59 | 48.02 | 1.11 | 6.5  | 139.83 | 0.74 | 43.45 |
| 2.062 | 11.6  | 48.01 | 1.34 | 6.5  | 139.89 | 0.72 | 43.43 |
| 2.075 | 11.6  | 48.07 | 0.76 | 6.5  | 140.05 | 0.7  | 43.49 |
| 2.087 | 11.6  | 48.03 | 0.53 | 6.49 | 142.28 | 0.73 | 43.44 |
| 2.097 | 11.61 | 48.02 | 0.53 | 6.48 | 142.18 | 0.71 | 43.42 |
| 2.108 | 11.61 | 48.09 | 0.69 | 6.46 | 142.51 | 0.71 | 43.49 |
| 2.12  | 11.62 | 48.07 | 0.65 | 6.46 | 143.6  | 0.79 | 43.47 |
| 2.128 | 11.62 | 48.02 | 0.76 | 6.43 | 144.97 | 0.74 | 43.42 |
| 2.137 | 11.62 | 48.07 | 0.69 | 6.43 | 144.24 | 0.77 | 43.47 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.151 | 11.62 | 48.1  | 0.61 | 6.4  | 145.04 | 0.73 | 43.5  |
| 2.166 | 11.62 | 48.06 | 0.69 | 6.38 | 145.51 | 0.74 | 43.46 |
| 2.178 | 11.62 | 48.05 | 0.76 | 6.36 | 142.97 | 0.92 | 43.44 |
| 2.192 | 11.62 | 48.1  | 0.53 | 6.34 | 146.46 | 0.72 | 43.49 |
| 2.206 | 11.62 | 48.09 | 0.88 | 6.32 | 148.48 | 0.72 | 43.49 |
| 2.219 | 11.62 | 48.08 | 0.72 | 6.3  | 146.56 | 0.72 | 43.47 |
| 2.23  | 11.62 | 48.09 | 0.69 | 6.29 | 148.24 | 0.69 | 43.48 |
| 2.238 | 11.62 | 48.12 | 0.8  | 6.27 | 151.85 | 0.73 | 43.51 |
| 2.247 | 11.62 | 48.1  | 0.8  | 6.26 | 151.36 | 0.72 | 43.49 |
| 2.256 | 11.62 | 48.07 | 0.88 | 6.26 | 151.15 | 0.89 | 43.46 |
| 2.265 | 11.62 | 48.13 | 0.88 | 6.25 | 152.38 | 0.76 | 43.52 |
| 2.277 | 11.62 | 48.12 | 0.8  | 6.25 | 151.29 | 0.74 | 43.51 |
| 2.29  | 11.62 | 48.07 | 0.72 | 6.26 | 152.98 | 0.79 | 43.47 |
| 2.305 | 11.61 | 48.14 | 0.72 | 6.26 | 157.48 | 0.71 | 43.54 |
| 2.317 | 11.61 | 48.16 | 0.69 | 6.26 | 159.83 | 0.69 | 43.56 |
| 2.327 | 11.61 | 48.07 | 0.84 | 6.27 | 160.13 | 0.78 | 43.47 |
| 2.339 | 11.61 | 48.13 | 1.14 | 6.27 | 160.58 | 0.77 | 43.54 |
| 2.353 | 11.61 | 48.17 | 0.8  | 6.27 | 160.65 | 0.72 | 43.57 |
| 2.366 | 11.61 | 48.07 | 0.72 | 6.28 | 166.07 | 0.72 | 43.48 |
| 2.38  | 11.61 | 48.12 | 0.76 | 6.27 | 165.26 | 0.72 | 43.53 |
| 2.391 | 11.6  | 48.21 | 0.8  | 6.27 | 170.47 | 0.76 | 43.62 |
| 2.403 | 11.6  | 48.11 | 0.53 | 6.27 | 173.82 | 0.72 | 43.52 |
| 2.417 | 11.59 | 48.1  | 0.65 | 6.27 | 169.33 | 0.8  | 43.52 |
| 2.431 | 11.59 | 48.2  | 0.65 | 6.26 | 178.02 | 0.8  | 43.64 |
| 2.439 | 11.58 | 48.12 | 0.69 | 6.27 | 177.24 | 0.78 | 43.56 |
| 2.45  | 11.58 | 48.1  | 0.65 | 6.28 | 178.93 | 0.82 | 43.55 |
| 2.459 | 11.57 | 48.2  | 0.61 | 6.29 | 186.86 | 0.84 | 43.65 |
| 2.469 | 11.57 | 48.15 | 0.61 | 6.33 | 184.53 | 0.76 | 43.61 |
| 2.48  | 11.57 | 48.1  | 0.72 | 6.37 | 183.26 | 0.7  | 43.56 |
| 2.494 | 11.56 | 48.18 | 0.57 | 6.42 | 185.95 | 0.7  | 43.64 |
| 2.505 | 11.56 | 48.17 | 0.61 | 6.49 | 194.77 | 0.7  | 43.64 |
| 2.519 | 11.56 | 48.11 | 0.65 | 6.56 | 196.09 | 0.76 | 43.57 |
| 2.532 | 11.56 | 48.14 | 0.8  | 6.62 | 205.2  | 0.75 | 43.6  |
| 2.541 | 11.56 | 48.19 | 0.61 | 6.68 | 198.01 | 0.71 | 43.66 |
| 2.546 | 11.56 | 48.18 | 0.69 | 6.73 | 203.73 | 0.76 | 43.65 |
| 2.559 | 11.55 | 48.14 | 0.69 | 6.77 | 205.96 | 0.81 | 43.61 |
| 2.572 | 11.55 | 48.12 | 0.61 | 6.8  | 216.09 | 0.79 | 43.6  |
| 2.583 | 11.55 | 48.2  | 0.72 | 6.8  | 225.4  | 0.76 | 43.68 |
| 2.596 | 11.55 | 48.16 | 0.69 | 6.81 | 237.35 | 0.79 | 43.64 |
| 2.607 | 11.55 | 48.12 | 0.53 | 6.81 | 222.75 | 0.77 | 43.6  |
| 2.616 | 11.54 | 48.23 | 0.95 | 6.8  | 221.31 | 0.79 | 43.72 |
| 2.629 | 11.54 | 48.21 | 0.76 | 6.79 | 238.57 | 0.82 | 43.71 |
| 2.643 | 11.52 | 48.1  | 0.99 | 6.79 | 255.03 | 0.85 | 43.61 |
| 2.657 | 11.52 | 48.18 | 0.92 | 6.78 | 299.05 | 0.78 | 43.7  |
| 2.669 | 11.51 | 48.24 | 0.61 | 6.76 | 290.92 | 0.77 | 43.76 |
| 2.685 | 11.51 | 48.15 | 0.57 | 6.77 | 292.07 | 0.74 | 43.68 |
| 2.698 | 11.51 | 48.17 | 0.61 | 6.78 | 326.21 | 0.75 | 43.7  |
| 2.712 | 11.5  | 48.25 | 0.72 | 6.79 | 332.01 | 0.8  | 43.79 |
| 2.729 | 11.5  | 48.18 | 0.72 | 6.81 | 315.87 | 0.83 | 43.72 |
| 2.743 | 11.5  | 48.14 | 0.65 | 6.82 | 606.82 | 0.81 | 43.68 |
| 2.754 | 11.5  | 48.25 | 0.61 | 6.83 | 319.11 | 0.83 | 43.79 |
| 2.767 | 11.5  | 48.24 | 0.72 | 6.84 | 432.51 | 0.82 | 43.79 |
| 2.779 | 11.49 | 48.17 | 0.72 | 6.84 | 352.88 | 0.85 | 43.71 |
| 2.791 | 11.49 | 48.22 | 0.61 | 6.83 | 464.09 | 0.84 | 43.76 |
| 2.805 | 11.49 | 48.24 | 0.76 | 6.82 | 380.13 | 0.86 | 43.8  |
| 2.817 | 11.49 | 48.2  | 0.72 | 6.81 | 400.11 | 0.82 | 43.76 |
| 2.831 | 11.49 | 48.25 | 0.61 | 6.8  | 421.63 | 0.87 | 43.8  |
| 2.842 | 11.49 | 48.27 | 0.76 | 6.79 | 408.26 | 0.85 | 43.83 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.85  | 11.48 | 48.21 | 0.69 | 6.79 | 381.99 | 0.83 | 43.77 |
| 2.859 | 11.48 | 48.21 | 0.65 | 6.78 | 468.52 | 0.84 | 43.78 |
| 2.871 | 11.47 | 48.28 | 0.76 | 6.76 | 300.37 | 0.91 | 43.86 |
| 2.882 | 11.46 | 48.22 | 0.84 | 6.74 | 551.17 | 0.87 | 43.8  |
| 2.893 | 11.46 | 48.22 | 0.8  | 6.7  | 416.29 | 0.95 | 43.8  |
| 2.905 | 11.46 | 48.29 | 0.8  | 6.67 | 348.73 | 0.89 | 43.88 |
| 2.918 | 11.46 | 48.23 | 0.76 | 6.63 | 599.28 | 0.86 | 43.82 |
| 2.932 | 11.46 | 48.23 | 0.72 | 6.59 | 352.55 | 0.84 | 43.81 |
| 2.946 | 11.46 | 48.3  | 0.92 | 6.55 | 494.4  | 0.83 | 43.89 |
| 2.959 | 11.45 | 48.27 | 0.99 | 6.5  | 567.24 | 0.86 | 43.86 |
| 2.97  | 11.45 | 48.22 | 0.95 | 6.46 | 468.74 | 0.9  | 43.82 |
| 2.979 | 11.45 | 48.28 | 0.92 | 6.42 | 364.85 | 0.9  | 43.87 |
| 2.991 | 11.45 | 48.29 | 0.88 | 6.38 | 658.41 | 0.92 | 43.89 |
| 3.004 | 11.45 | 48.22 | 0.8  | 6.36 | 390.67 | 0.92 | 43.82 |
| 3.02  | 11.45 | 48.3  | 0.92 | 6.33 | 467.43 | 0.93 | 43.9  |
| 3.035 | 11.44 | 48.34 | 0.88 | 6.31 | 438.06 | 0.94 | 43.95 |
| 3.049 | 11.44 | 48.23 | 0.99 | 6.3  | 360.56 | 0.98 | 43.84 |
| 3.062 | 11.44 | 48.3  | 0.99 | 6.3  | 360.81 | 1.0  | 43.91 |
| 3.071 | 11.44 | 48.34 | 0.92 | 6.32 | 531.35 | 0.95 | 43.95 |
| 3.079 | 11.44 | 48.24 | 0.88 | 6.36 | 407.41 | 0.95 | 43.85 |
| 3.092 | 11.44 | 48.31 | 0.84 | 6.41 | 343.12 | 1.02 | 43.92 |
| 3.11  | 11.44 | 48.37 | 0.8  | 6.46 | 609.08 | 0.96 | 43.98 |
| 3.131 | 11.44 | 48.32 | 0.84 | 6.54 | 323.95 | 0.98 | 43.94 |
| 3.148 | 11.44 | 48.29 | 1.14 | 6.62 | 410.92 | 0.89 | 43.9  |
| 3.165 | 11.44 | 48.28 | 1.26 | 6.7  | 524.38 | 0.9  | 43.9  |
| 3.177 | 11.43 | 48.31 | 1.03 | 6.77 | 342.08 | 0.97 | 43.93 |
| 3.193 | 11.43 | 48.32 | 0.92 | 6.83 | 497.85 | 0.95 | 43.95 |
| 3.21  | 11.43 | 48.37 | 0.95 | 6.88 | 395.22 | 0.96 | 43.99 |
| 3.226 | 11.43 | 48.38 | 0.92 | 6.91 | 330.63 | 0.95 | 44.0  |
| 3.24  | 11.43 | 48.34 | 1.07 | 6.94 | 445.02 | 1.01 | 43.96 |
| 3.255 | 11.43 | 48.35 | 0.92 | 6.94 | 438.47 | 0.96 | 43.97 |
| 3.268 | 11.43 | 48.37 | 0.84 | 6.96 | 334.56 | 0.95 | 43.99 |
| 3.283 | 11.43 | 48.38 | 0.72 | 6.95 | 610.49 | 1.01 | 44.0  |
| 3.298 | 11.43 | 48.38 | 0.84 | 6.95 | 347.84 | 1.01 | 44.0  |
| 3.31  | 11.43 | 48.39 | 0.92 | 6.93 | 452.61 | 0.94 | 44.01 |
| 3.32  | 11.43 | 48.37 | 0.88 | 6.92 | 401.32 | 0.94 | 44.0  |
| 3.331 | 11.44 | 48.38 | 0.99 | 6.89 | 588.81 | 0.96 | 44.0  |
| 3.342 | 11.44 | 48.41 | 0.95 | 6.85 | 322.98 | 0.91 | 44.03 |
| 3.362 | 11.44 | 48.37 | 1.03 | 6.81 | 368.59 | 0.93 | 43.99 |
| 3.39  | 11.44 | 48.36 | 0.88 | 6.76 | 499.47 | 0.97 | 43.98 |
| 3.419 | 11.44 | 48.41 | 0.92 | 6.7  | 343.43 | 0.96 | 44.03 |
| 3.446 | 11.44 | 48.42 | 0.8  | 6.65 | 341.29 | 0.92 | 44.04 |
| 3.471 | 11.44 | 48.35 | 0.88 | 6.6  | 473.32 | 0.92 | 43.97 |
| 3.496 | 11.44 | 48.44 | 0.95 | 6.55 | 367.4  | 0.92 | 44.06 |
| 3.523 | 11.44 | 48.46 | 1.11 | 6.5  | 329.71 | 0.86 | 44.07 |
| 3.549 | 11.44 | 48.37 | 1.07 | 6.47 | 404.87 | 0.85 | 43.98 |
| 3.573 | 11.45 | 48.41 | 1.03 | 6.44 | 386.98 | 0.86 | 44.02 |
| 3.593 | 11.45 | 48.49 | 0.84 | 6.41 | 320.44 | 0.9  | 44.1  |
| 3.614 | 11.45 | 48.47 | 0.92 | 6.4  | 363.08 | 0.93 | 44.07 |
| 3.65  | 11.45 | 48.5  | 0.8  | 6.38 | 355.58 | 0.95 | 44.11 |
| 3.699 | 11.45 | 48.45 | 0.84 | 6.38 | 332.08 | 0.89 | 44.06 |
| 3.749 | 11.45 | 48.46 | 0.76 | 6.37 | 412.16 | 0.84 | 44.06 |
| 3.803 | 11.45 | 48.53 | 0.65 | 6.36 | 457.57 | 0.79 | 44.13 |
| 3.856 | 11.45 | 48.46 | 0.84 | 6.36 | 361.57 | 0.8  | 44.06 |
| 3.9   | 11.46 | 48.45 | 0.84 | 6.35 | 315.06 | 0.81 | 44.05 |
| 3.935 | 11.45 | 48.52 | 0.69 | 6.35 | 357.49 | 0.8  | 44.12 |
| 3.955 | 11.45 | 48.46 | 0.57 | 6.37 | 396.32 | 0.79 | 44.06 |
| 3.968 | 11.45 | 48.54 | 0.53 | 6.39 | 360.23 | 0.79 | 44.14 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.986 | 11.46 | 48.53 | 0.88 | 6.43 | 359.65 | 0.82 | 44.13 |
| 4.007 | 11.46 | 48.48 | 0.72 | 6.48 | 351.08 | 0.85 | 44.08 |
| 4.033 | 11.46 | 48.54 | 0.8  | 6.52 | 318.15 | 0.8  | 44.13 |
| 4.065 | 11.46 | 48.55 | 0.65 | 6.57 | 361.99 | 0.81 | 44.15 |
| 4.094 | 11.46 | 48.5  | 0.69 | 6.62 | 362.91 | 0.85 | 44.09 |
| 4.122 | 11.47 | 48.53 | 0.69 | 6.66 | 384.38 | 0.94 | 44.11 |
| 4.135 | 11.47 | 48.52 | 0.65 | 6.7  | 327.95 | 0.85 | 44.11 |
| 4.15  | 11.47 | 48.59 | 0.76 | 6.72 | 327.73 | 0.83 | 44.18 |
| 4.179 | 11.47 | 48.53 | 0.57 | 6.75 | 321.93 | 0.82 | 44.12 |
| 4.212 | 11.47 | 48.43 | 0.61 | 6.77 | 322.45 | 0.91 | 44.01 |
| 4.236 | 11.47 | 48.53 | 0.8  | 6.78 | 326.13 | 0.8  | 44.11 |
| 4.253 | 11.46 | 48.58 | 0.53 | 6.79 | 329.25 | 0.79 | 44.18 |
| 4.27  | 11.46 | 48.51 | 0.57 | 6.81 | 327.8  | 0.84 | 44.11 |
| 4.29  | 11.46 | 48.54 | 0.65 | 6.83 | 324.03 | 0.88 | 44.13 |
| 4.32  | 11.46 | 48.58 | 0.8  | 6.86 | 336.66 | 0.84 | 44.18 |
| 4.361 | 11.46 | 48.52 | 0.69 | 6.9  | 303.59 | 0.82 | 44.11 |
| 4.399 | 11.46 | 48.52 | 0.8  | 6.94 | 301.07 | 0.92 | 44.11 |
| 4.435 | 11.46 | 48.58 | 0.8  | 6.98 | 298.78 | 0.85 | 44.17 |
| 4.471 | 11.46 | 48.59 | 0.72 | 7.01 | 327.57 | 0.88 | 44.18 |
| 4.501 | 11.46 | 48.52 | 0.8  | 7.04 | 316.6  | 0.83 | 44.11 |
| 4.523 | 11.46 | 48.56 | 0.65 | 7.06 | 301.98 | 0.88 | 44.15 |
| 4.547 | 11.47 | 48.6  | 0.61 | 7.07 | 338.85 | 0.91 | 44.19 |
| 4.587 | 11.47 | 48.62 | 0.61 | 7.06 | 307.42 | 0.87 | 44.21 |
| 4.655 | 11.47 | 48.58 | 0.69 | 7.04 | 294.51 | 0.85 | 44.17 |
| 4.761 | 11.47 | 48.63 | 0.69 | 7.01 | 318.74 | 0.86 | 44.21 |
| 4.866 | 11.47 | 48.55 | 0.69 | 6.97 | 307.2  | 0.89 | 44.13 |
| 4.95  | 11.48 | 48.57 | 0.72 | 6.91 | 291.73 | 0.87 | 44.14 |
| 5.02  | 11.47 | 48.65 | 0.72 | 6.84 | 281.5  | 0.92 | 44.23 |
| 5.078 | 11.47 | 48.61 | 0.76 | 6.78 | 288.03 | 0.91 | 44.19 |
| 5.13  | 11.47 | 48.59 | 0.65 | 6.72 | 279.16 | 0.9  | 44.17 |
| 5.176 | 11.48 | 48.61 | 0.76 | 6.68 | 274.67 | 0.87 | 44.19 |
| 5.202 | 11.47 | 48.66 | 0.88 | 6.68 | 269.62 | 0.83 | 44.24 |
| 5.244 | 11.48 | 48.65 | 0.72 | 6.7  | 265.16 | 0.89 | 44.23 |
| 5.344 | 11.48 | 48.66 | 0.72 | 6.72 | 264.61 | 0.92 | 44.24 |
| 5.473 | 11.48 | 48.64 | 0.72 | 6.74 | 249.36 | 0.94 | 44.21 |
| 5.62  | 11.48 | 48.67 | 0.72 | 6.77 | 245.29 | 0.92 | 44.24 |
| 5.78  | 11.48 | 48.69 | 0.65 | 6.78 | 233.48 | 1.01 | 44.26 |
| 5.934 | 11.48 | 48.66 | 0.76 | 6.82 | 226.92 | 0.98 | 44.23 |
| 6.083 | 11.48 | 48.68 | 0.61 | 6.86 | 218.3  | 1.01 | 44.25 |
| 6.221 | 11.48 | 48.71 | 0.65 | 6.92 | 212.36 | 0.98 | 44.28 |
| 6.356 | 11.49 | 48.72 | 0.61 | 6.98 | 205.15 | 1.01 | 44.29 |
| 6.488 | 11.49 | 48.74 | 0.76 | 7.04 | 200.87 | 1.08 | 44.3  |
| 6.56  | 11.49 | 48.69 | 0.53 | 7.08 | 203.54 | 0.98 | 44.25 |
| 6.574 | 11.49 | 48.74 | 0.69 | 7.11 | 202.51 | 1.0  | 44.3  |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.18      | 48.23               | 0.0            | 5.75           | 82.3                        | 0.59              | 44.08           |
| PROF (metros)                                                                | 0.706      | 0.856               | 0.721          | 0.881          | 0.857                       | 0.712             | 1.234           |
| MÁXIMO                                                                       | 11.39      | 11.39               | 2.37           | 8.26           | 598.58                      | 0.99              | 44.4            |
| PROF (metros)                                                                | 5.867      | 5.864               | 1.75           | 5.79           | 3.05                        | 5.867             | 5.79            |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E12 - Punto 013                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.19      | 48.24               | 1.17           | 6.04           | 103.01                      | 0.65              | 44.15           |
| 1 - 2m                                                     | 11.25      | 48.32               | 1.01           | 6.52           | 107.92                      | 0.71              | 44.16           |
| 2 - 3m                                                     | 11.3       | 48.46               | 0.8            | 6.2            | 223.28                      | 0.74              | 44.25           |
| 3 - 4m                                                     | 11.3       | 48.51               | 0.6            | 6.14           | 418.89                      | 0.76              | 44.29           |
| 4 - 5m                                                     | 11.35      | 48.65               | 0.57           | 7.48           | 338.95                      | 0.8               | 44.37           |
| 5 - 6m                                                     | 11.37      | 48.69               | 0.53           | 8.13           | 272.14                      | 0.94              | 44.39           |

| 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                                                          | 11.18      | 48.25               | 0.76           | 6.63           | 102.85                      | 0.6               | 44.17           |
| 0.712                                                          | 11.18      | 48.26               | 0.57           | 6.6            | 100.36                      | 0.59              | 44.18           |
| 0.718                                                          | 11.18      | 48.25               | 0.69           | 6.57           | 104.85                      | 0.65              | 44.18           |
| 0.721                                                          | 11.18      | 48.25               | 0.0            | 6.54           | 112.66                      | 0.64              | 44.17           |
| 0.725                                                          | 11.18      | 48.26               | 0.65           | 6.51           | 101.34                      | 0.65              | 44.18           |
| 0.729                                                          | 11.18      | 48.26               | 0.27           | 6.48           | 119.22                      | 0.61              | 44.18           |
| 0.736                                                          | 11.18      | 48.26               | 0.5            | 6.33           | 96.57                       | 0.61              | 44.18           |
| 0.739                                                          | 11.18      | 48.25               | 0.99           | 6.32           | 100.87                      | 0.65              | 44.18           |
| 0.75                                                           | 11.18      | 48.25               | 0.65           | 6.3            | 121.84                      | 0.63              | 44.17           |
| 0.757                                                          | 11.18      | 48.24               | 0.23           | 6.3            | 103.5                       | 0.62              | 44.17           |
| 0.758                                                          | 11.18      | 48.25               | 0.46           | 6.28           | 128.99                      | 0.66              | 44.18           |
| 0.76                                                           | 11.18      | 48.25               | 0.42           | 6.27           | 102.47                      | 0.62              | 44.17           |
| 0.769                                                          | 11.18      | 48.25               | 0.65           | 6.26           | 101.48                      | 0.64              | 44.17           |
| 0.774                                                          | 11.18      | 48.25               | 0.72           | 6.23           | 89.23                       | 0.61              | 44.17           |
| 0.777                                                          | 11.19      | 48.25               | 0.8            | 6.22           | 105.34                      | 0.66              | 44.17           |
| 0.783                                                          | 11.19      | 48.24               | 1.26           | 6.2            | 101.01                      | 0.66              | 44.16           |
| 0.786                                                          | 11.19      | 48.25               | 1.11           | 6.15           | 107.16                      | 0.64              | 44.16           |
| 0.792                                                          | 11.19      | 48.24               | 1.07           | 6.14           | 100.92                      | 0.63              | 44.16           |
| 0.799                                                          | 11.19      | 48.24               | 1.11           | 6.11           | 99.78                       | 0.64              | 44.15           |
| 0.802                                                          | 11.19      | 48.24               | 1.22           | 6.1            | 104.46                      | 0.69              | 44.15           |
| 0.804                                                          | 11.19      | 48.24               | 0.92           | 6.08           | 116.65                      | 0.64              | 44.16           |
| 0.807                                                          | 11.19      | 48.24               | 1.56           | 6.05           | 106.17                      | 0.63              | 44.15           |
| 0.812                                                          | 11.19      | 48.24               | 2.14           | 6.03           | 105.51                      | 0.63              | 44.15           |
| 0.819                                                          | 11.19      | 48.24               | 1.95           | 6.02           | 91.09                       | 0.65              | 44.15           |
| 0.825                                                          | 11.19      | 48.24               | 1.64           | 5.91           | 100.24                      | 0.66              | 44.14           |
| 0.829                                                          | 11.19      | 48.24               | 1.87           | 5.9            | 107.14                      | 0.69              | 44.15           |
| 0.836                                                          | 11.2       | 48.24               | 1.18           | 5.88           | 98.13                       | 0.68              | 44.15           |
| 0.844                                                          | 11.2       | 48.24               | 1.95           | 5.86           | 108.16                      | 0.66              | 44.14           |
| 0.852                                                          | 11.2       | 48.24               | 1.83           | 5.85           | 90.96                       | 0.63              | 44.14           |
| 0.856                                                          | 11.2       | 48.23               | 1.6            | 5.83           | 97.04                       | 0.63              | 44.14           |
| 0.857                                                          | 11.2       | 48.24               | 2.06           | 5.82           | 82.3                        | 0.64              | 44.14           |
| 0.86                                                           | 11.2       | 48.24               | 1.49           | 5.8            | 107.38                      | 0.64              | 44.14           |
| 0.867                                                          | 11.2       | 48.23               | 1.03           | 5.8            | 103.38                      | 0.64              | 44.13           |
| 0.874                                                          | 11.2       | 48.24               | 1.53           | 5.78           | 94.86                       | 0.68              | 44.14           |
| 0.877                                                          | 11.2       | 48.24               | 1.3            | 5.77           | 109.75                      | 0.68              | 44.14           |
| 0.878                                                          | 11.2       | 48.24               | 1.22           | 5.76           | 106.94                      | 0.67              | 44.14           |



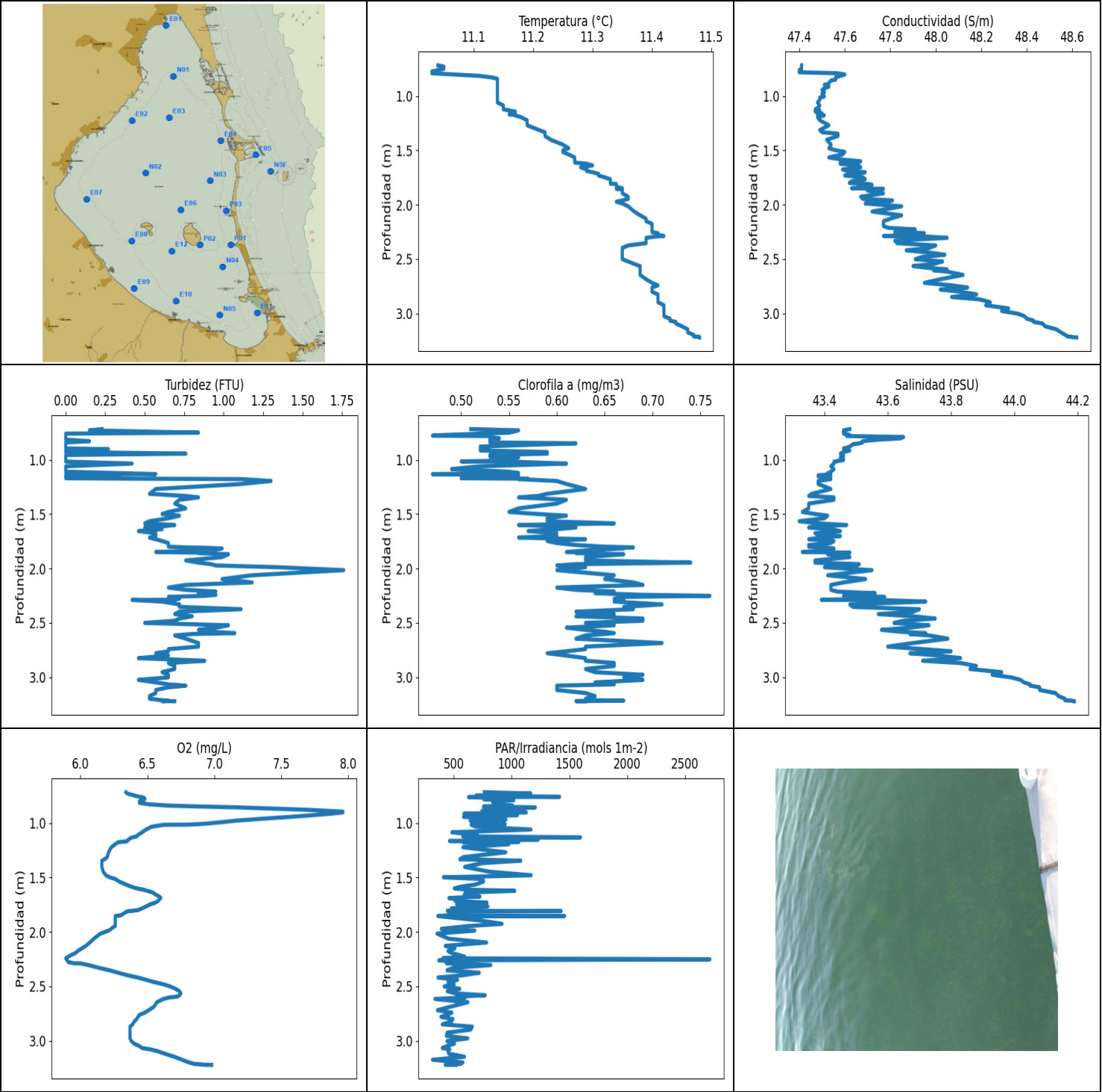
|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 0.881 | 11.2  | 48.23 | 1.98 | 5.75 | 89.42  | 0.65 | 44.13 |
| 0.886 | 11.2  | 48.23 | 1.26 | 5.75 | 106.84 | 0.69 | 44.13 |
| 0.889 | 11.2  | 48.23 | 1.3  | 5.76 | 105.14 | 0.66 | 44.13 |
| 0.897 | 11.2  | 48.24 | 1.37 | 5.77 | 97.92  | 0.69 | 44.13 |
| 0.92  | 11.21 | 48.24 | 1.41 | 5.77 | 110.34 | 0.67 | 44.13 |
| 0.951 | 11.21 | 48.23 | 1.49 | 5.77 | 94.34  | 0.64 | 44.12 |
| 0.975 | 11.21 | 48.23 | 0.99 | 5.78 | 109.72 | 0.65 | 44.12 |
| 0.984 | 11.21 | 48.24 | 0.8  | 5.77 | 101.5  | 0.66 | 44.13 |
| 0.988 | 11.21 | 48.25 | 1.22 | 5.78 | 96.75  | 0.64 | 44.14 |
| 0.99  | 11.21 | 48.23 | 1.37 | 5.78 | 105.73 | 0.69 | 44.12 |
| 1.004 | 11.21 | 48.24 | 0.8  | 5.78 | 95.52  | 0.68 | 44.13 |
| 1.039 | 11.21 | 48.26 | 1.18 | 5.79 | 99.06  | 0.69 | 44.15 |
| 1.071 | 11.22 | 48.24 | 1.18 | 5.81 | 101.95 | 0.73 | 44.12 |
| 1.084 | 11.22 | 48.24 | 0.8  | 5.82 | 105.56 | 0.68 | 44.12 |
| 1.09  | 11.21 | 48.27 | 0.84 | 5.85 | 97.67  | 0.68 | 44.16 |
| 1.099 | 11.21 | 48.25 | 0.76 | 5.88 | 104.1  | 0.69 | 44.14 |
| 1.105 | 11.21 | 48.23 | 0.76 | 5.92 | 101.24 | 0.69 | 44.12 |
| 1.108 | 11.21 | 48.25 | 0.5  | 5.97 | 98.33  | 0.67 | 44.14 |
| 1.11  | 11.2  | 48.26 | 0.69 | 6.05 | 106.22 | 0.69 | 44.16 |
| 1.113 | 11.2  | 48.24 | 0.42 | 6.14 | 104.97 | 0.65 | 44.14 |
| 1.119 | 11.2  | 48.24 | 0.69 | 6.24 | 93.75  | 0.7  | 44.14 |
| 1.125 | 11.2  | 48.25 | 0.61 | 6.36 | 107.46 | 0.67 | 44.15 |
| 1.133 | 11.2  | 48.25 | 0.53 | 6.47 | 102.45 | 0.69 | 44.15 |
| 1.137 | 11.2  | 48.24 | 0.72 | 6.59 | 95.19  | 0.66 | 44.15 |
| 1.141 | 11.2  | 48.25 | 1.03 | 6.7  | 106.47 | 0.67 | 44.15 |
| 1.145 | 11.2  | 48.25 | 1.26 | 6.79 | 105.51 | 0.67 | 44.15 |
| 1.147 | 11.2  | 48.25 | 0.95 | 6.88 | 95.63  | 0.71 | 44.15 |
| 1.148 | 11.2  | 48.25 | 0.76 | 6.95 | 106.57 | 0.69 | 44.15 |
| 1.151 | 11.2  | 48.25 | 0.99 | 7.0  | 102.14 | 0.72 | 44.15 |
| 1.155 | 11.2  | 48.25 | 0.99 | 7.03 | 97.02  | 0.69 | 44.15 |
| 1.157 | 11.2  | 48.25 | 0.99 | 7.04 | 104.51 | 0.76 | 44.15 |
| 1.162 | 11.2  | 48.26 | 0.92 | 7.03 | 107.14 | 0.78 | 44.16 |
| 1.167 | 11.2  | 48.25 | 0.95 | 7.0  | 101.34 | 0.69 | 44.15 |
| 1.175 | 11.2  | 48.25 | 0.88 | 6.96 | 103.55 | 0.69 | 44.14 |
| 1.181 | 11.2  | 48.25 | 0.99 | 6.9  | 102.07 | 0.63 | 44.14 |
| 1.185 | 11.21 | 48.25 | 0.57 | 6.84 | 102.31 | 0.63 | 44.15 |
| 1.187 | 11.21 | 48.25 | 0.76 | 6.78 | 101.01 | 0.68 | 44.14 |
| 1.189 | 11.21 | 48.25 | 1.34 | 6.71 | 105.26 | 0.63 | 44.14 |
| 1.195 | 11.21 | 48.26 | 0.92 | 6.65 | 102.4  | 0.67 | 44.14 |
| 1.201 | 11.22 | 48.25 | 0.8  | 6.58 | 99.57  | 0.7  | 44.13 |
| 1.202 | 11.22 | 48.26 | 0.76 | 6.42 | 99.92  | 0.67 | 44.13 |
| 1.206 | 11.23 | 48.25 | 0.8  | 6.37 | 103.31 | 0.69 | 44.12 |
| 1.214 | 11.23 | 48.25 | 1.18 | 6.32 | 108.08 | 0.76 | 44.1  |
| 1.222 | 11.23 | 48.26 | 0.99 | 6.28 | 102.76 | 0.73 | 44.12 |
| 1.225 | 11.24 | 48.26 | 1.03 | 6.24 | 103.69 | 0.79 | 44.11 |
| 1.227 | 11.24 | 48.25 | 0.76 | 6.2  | 101.55 | 0.73 | 44.09 |
| 1.23  | 11.25 | 48.27 | 0.8  | 6.17 | 107.93 | 0.73 | 44.12 |
| 1.231 | 11.25 | 48.26 | 0.76 | 6.14 | 101.36 | 0.74 | 44.09 |
| 1.234 | 11.26 | 48.25 | 0.8  | 6.11 | 100.66 | 0.71 | 44.08 |
| 1.237 | 11.26 | 48.27 | 0.95 | 6.09 | 105.9  | 0.69 | 44.11 |
| 1.24  | 11.25 | 48.28 | 1.45 | 6.06 | 103.67 | 0.69 | 44.13 |
| 1.242 | 11.24 | 48.29 | 2.17 | 6.05 | 103.96 | 0.7  | 44.15 |
| 1.251 | 11.24 | 48.26 | 1.64 | 6.05 | 102.71 | 0.69 | 44.11 |
| 1.259 | 11.24 | 48.27 | 0.76 | 6.41 | 101.22 | 0.75 | 44.13 |
| 1.264 | 11.24 | 48.29 | 1.14 | 6.48 | 105.68 | 0.79 | 44.15 |
| 1.275 | 11.24 | 48.27 | 1.14 | 6.55 | 102.64 | 0.75 | 44.12 |
| 1.28  | 11.24 | 48.29 | 0.99 | 6.55 | 98.08  | 0.72 | 44.14 |
| 1.288 | 11.24 | 48.29 | 0.99 | 6.54 | 108.48 | 0.71 | 44.15 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.301 | 11.24 | 48.3  | 0.99 | 6.53 | 106.66 | 0.69 | 44.16 |
| 1.314 | 11.24 | 48.29 | 0.72 | 6.54 | 100.99 | 0.76 | 44.14 |
| 1.319 | 11.24 | 48.29 | 0.99 | 6.54 | 110.03 | 0.71 | 44.14 |
| 1.32  | 11.24 | 48.3  | 0.65 | 6.55 | 104.92 | 0.71 | 44.15 |
| 1.324 | 11.24 | 48.29 | 0.72 | 6.56 | 112.11 | 0.69 | 44.14 |
| 1.327 | 11.26 | 48.33 | 0.92 | 6.59 | 102.35 | 0.71 | 44.16 |
| 1.339 | 11.26 | 48.3  | 0.8  | 6.6  | 106.25 | 0.72 | 44.13 |
| 1.362 | 11.26 | 48.3  | 0.46 | 6.59 | 103.19 | 0.7  | 44.14 |
| 1.393 | 11.26 | 48.35 | 0.72 | 6.58 | 103.26 | 0.72 | 44.18 |
| 1.424 | 11.26 | 48.31 | 0.57 | 6.57 | 107.68 | 0.71 | 44.15 |
| 1.442 | 11.26 | 48.31 | 0.46 | 6.56 | 107.19 | 0.74 | 44.14 |
| 1.46  | 11.26 | 48.35 | 0.57 | 6.53 | 102.45 | 0.72 | 44.18 |
| 1.477 | 11.27 | 48.33 | 0.5  | 6.52 | 109.24 | 0.72 | 44.15 |
| 1.49  | 11.27 | 48.32 | 0.69 | 6.51 | 108.18 | 0.69 | 44.13 |
| 1.506 | 11.27 | 48.31 | 0.53 | 6.51 | 106.57 | 0.72 | 44.13 |
| 1.516 | 11.28 | 48.31 | 0.61 | 6.52 | 108.18 | 0.66 | 44.12 |
| 1.519 | 11.28 | 48.33 | 0.5  | 6.54 | 109.72 | 0.72 | 44.14 |
| 1.521 | 11.28 | 48.36 | 0.5  | 6.56 | 104.88 | 0.69 | 44.17 |
| 1.527 | 11.28 | 48.34 | 0.53 | 6.58 | 107.01 | 0.72 | 44.15 |
| 1.543 | 11.28 | 48.36 | 0.65 | 6.6  | 110.69 | 0.69 | 44.17 |
| 1.569 | 11.28 | 48.36 | 0.61 | 6.62 | 108.53 | 0.68 | 44.17 |
| 1.596 | 11.28 | 48.34 | 0.57 | 6.64 | 107.93 | 0.72 | 44.14 |
| 1.617 | 11.28 | 48.35 | 0.5  | 6.66 | 112.11 | 0.72 | 44.15 |
| 1.628 | 11.29 | 48.35 | 0.53 | 6.67 | 110.8  | 0.74 | 44.14 |
| 1.63  | 11.29 | 48.37 | 0.53 | 6.67 | 110.95 | 0.72 | 44.16 |
| 1.645 | 11.29 | 48.37 | 0.57 | 6.65 | 109.39 | 0.7  | 44.17 |
| 1.66  | 11.29 | 48.33 | 0.65 | 6.64 | 111.78 | 0.69 | 44.12 |
| 1.672 | 11.29 | 48.39 | 2.1  | 6.62 | 112.04 | 0.68 | 44.18 |
| 1.684 | 11.29 | 48.42 | 1.41 | 6.59 | 111.67 | 0.7  | 44.21 |
| 1.697 | 11.29 | 48.36 | 2.21 | 6.57 | 110.75 | 0.72 | 44.15 |
| 1.708 | 11.29 | 48.37 | 1.6  | 6.55 | 114.82 | 0.72 | 44.17 |
| 1.722 | 11.29 | 48.4  | 0.88 | 6.53 | 115.95 | 0.78 | 44.19 |
| 1.733 | 11.29 | 48.36 | 1.03 | 6.53 | 111.29 | 0.68 | 44.16 |
| 1.739 | 11.29 | 48.38 | 0.88 | 6.52 | 114.29 | 0.67 | 44.17 |
| 1.744 | 11.28 | 48.42 | 2.14 | 6.51 | 113.32 | 0.7  | 44.23 |
| 1.75  | 11.28 | 48.39 | 2.36 | 6.51 | 111.36 | 0.72 | 44.19 |
| 1.756 | 11.28 | 48.36 | 2.21 | 6.52 | 113.5  | 0.68 | 44.16 |
| 1.758 | 11.28 | 48.4  | 2.02 | 6.52 | 113.82 | 0.7  | 44.2  |
| 1.759 | 11.28 | 48.4  | 2.17 | 6.53 | 112.04 | 0.71 | 44.2  |
| 1.76  | 11.28 | 48.37 | 2.25 | 6.53 | 112.95 | 0.74 | 44.18 |
| 1.764 | 11.28 | 48.4  | 2.21 | 6.54 | 111.36 | 0.71 | 44.21 |
| 1.77  | 11.28 | 48.4  | 1.68 | 6.53 | 110.98 | 0.79 | 44.22 |
| 1.779 | 11.27 | 48.38 | 1.95 | 6.53 | 111.96 | 0.72 | 44.19 |
| 1.79  | 11.27 | 48.39 | 1.37 | 6.53 | 113.87 | 0.7  | 44.2  |
| 1.796 | 11.28 | 48.41 | 1.53 | 6.52 | 113.95 | 0.69 | 44.22 |
| 1.802 | 11.28 | 48.41 | 1.49 | 6.5  | 112.19 | 0.68 | 44.22 |
| 1.809 | 11.28 | 48.37 | 1.72 | 6.49 | 113.87 | 0.7  | 44.18 |
| 1.817 | 11.28 | 48.4  | 1.49 | 6.49 | 117.52 | 0.71 | 44.21 |
| 1.83  | 11.28 | 48.42 | 1.22 | 6.48 | 113.74 | 0.69 | 44.22 |
| 1.834 | 11.28 | 48.44 | 1.03 | 6.46 | 112.19 | 0.73 | 44.26 |
| 1.839 | 11.28 | 48.38 | 1.11 | 6.47 | 116.27 | 0.73 | 44.19 |
| 1.844 | 11.28 | 48.37 | 1.3  | 6.47 | 115.25 | 0.74 | 44.18 |
| 1.847 | 11.27 | 48.42 | 0.92 | 6.48 | 112.98 | 0.68 | 44.24 |
| 1.851 | 11.27 | 48.41 | 1.03 | 6.51 | 115.7  | 0.69 | 44.23 |
| 1.86  | 11.27 | 48.38 | 0.92 | 6.57 | 115.44 | 0.71 | 44.2  |
| 1.871 | 11.27 | 48.4  | 0.99 | 6.64 | 115.38 | 0.69 | 44.22 |
| 1.884 | 11.27 | 48.41 | 0.92 | 6.73 | 117.76 | 0.7  | 44.23 |
| 1.898 | 11.27 | 48.4  | 0.72 | 6.81 | 115.28 | 0.76 | 44.22 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.913 | 11.27 | 48.4  | 0.88 | 6.89 | 116.84 | 0.76 | 44.22 |
| 1.93  | 11.27 | 48.43 | 0.95 | 6.95 | 119.52 | 0.76 | 44.25 |
| 1.945 | 11.27 | 48.41 | 0.72 | 6.99 | 118.45 | 0.77 | 44.23 |
| 1.958 | 11.27 | 48.38 | 0.69 | 7.01 | 120.19 | 0.76 | 44.2  |
| 1.969 | 11.27 | 48.41 | 0.8  | 7.0  | 120.66 | 0.76 | 44.23 |
| 1.977 | 11.27 | 48.43 | 0.72 | 6.99 | 119.35 | 0.74 | 44.25 |
| 1.986 | 11.27 | 48.41 | 1.34 | 6.98 | 120.19 | 0.7  | 44.23 |
| 1.999 | 11.27 | 48.41 | 0.88 | 6.95 | 123.18 | 0.73 | 44.23 |
| 2.011 | 11.27 | 48.42 | 0.95 | 6.92 | 120.02 | 0.76 | 44.25 |
| 2.02  | 11.27 | 48.43 | 0.92 | 6.88 | 121.53 | 0.72 | 44.25 |
| 2.023 | 11.27 | 48.4  | 1.26 | 6.84 | 121.5  | 0.79 | 44.22 |
| 2.024 | 11.27 | 48.41 | 1.34 | 6.79 | 119.77 | 0.74 | 44.22 |
| 2.025 | 11.28 | 48.43 | 0.84 | 6.74 | 119.99 | 0.75 | 44.25 |
| 2.032 | 11.28 | 48.43 | 0.88 | 6.68 | 122.07 | 0.72 | 44.24 |
| 2.043 | 11.28 | 48.42 | 0.95 | 6.62 | 123.12 | 0.79 | 44.23 |
| 2.053 | 11.28 | 48.42 | 1.34 | 6.56 | 122.13 | 0.82 | 44.23 |
| 2.065 | 11.28 | 48.44 | 1.91 | 6.5  | 123.78 | 0.78 | 44.24 |
| 2.084 | 11.29 | 48.44 | 2.14 | 6.45 | 124.58 | 0.74 | 44.24 |
| 2.106 | 11.29 | 48.43 | 1.6  | 6.41 | 126.94 | 0.72 | 44.23 |
| 2.127 | 11.29 | 48.43 | 1.22 | 6.36 | 128.42 | 0.76 | 44.23 |
| 2.146 | 11.29 | 48.43 | 1.11 | 6.33 | 129.29 | 0.74 | 44.23 |
| 2.164 | 11.29 | 48.44 | 0.92 | 6.28 | 132.69 | 0.72 | 44.23 |
| 2.178 | 11.29 | 48.44 | 0.88 | 6.25 | 129.95 | 0.76 | 44.24 |
| 2.188 | 11.29 | 48.44 | 0.76 | 6.21 | 129.95 | 0.77 | 44.24 |
| 2.2   | 11.29 | 48.44 | 0.57 | 6.18 | 132.78 | 0.76 | 44.24 |
| 2.215 | 11.29 | 48.44 | 0.8  | 6.16 | 133.62 | 0.78 | 44.23 |
| 2.235 | 11.29 | 48.45 | 0.76 | 6.13 | 137.19 | 0.74 | 44.24 |
| 2.257 | 11.3  | 48.45 | 0.53 | 6.12 | 138.31 | 0.73 | 44.24 |
| 2.279 | 11.3  | 48.44 | 0.65 | 6.11 | 142.21 | 0.76 | 44.23 |
| 2.296 | 11.3  | 48.44 | 0.69 | 6.1  | 141.19 | 0.74 | 44.23 |
| 2.313 | 11.3  | 48.46 | 0.65 | 6.1  | 143.97 | 0.74 | 44.25 |
| 2.33  | 11.3  | 48.45 | 0.57 | 6.1  | 148.17 | 0.73 | 44.24 |
| 2.349 | 11.3  | 48.44 | 0.57 | 6.1  | 148.72 | 0.81 | 44.23 |
| 2.369 | 11.3  | 48.46 | 0.72 | 6.1  | 152.24 | 0.76 | 44.25 |
| 2.392 | 11.3  | 48.47 | 0.61 | 6.1  | 156.83 | 0.76 | 44.25 |
| 2.412 | 11.3  | 48.46 | 0.53 | 6.1  | 159.43 | 0.73 | 44.25 |
| 2.435 | 11.3  | 48.45 | 0.5  | 6.1  | 160.21 | 0.76 | 44.23 |
| 2.455 | 11.3  | 48.45 | 0.53 | 6.1  | 164.61 | 0.79 | 44.24 |
| 2.472 | 11.3  | 48.47 | 0.57 | 6.09 | 165.8  | 0.78 | 44.26 |
| 2.489 | 11.3  | 48.46 | 0.53 | 6.09 | 171.94 | 0.73 | 44.24 |
| 2.505 | 11.3  | 48.46 | 0.42 | 6.08 | 176.71 | 0.72 | 44.24 |
| 2.518 | 11.3  | 48.46 | 0.61 | 6.07 | 176.71 | 0.72 | 44.25 |
| 2.534 | 11.3  | 48.48 | 0.53 | 6.06 | 178.35 | 0.77 | 44.27 |
| 2.553 | 11.3  | 48.48 | 0.69 | 6.04 | 183.09 | 0.69 | 44.27 |
| 2.571 | 11.3  | 48.46 | 0.69 | 6.02 | 193.74 | 0.72 | 44.24 |
| 2.59  | 11.3  | 48.46 | 0.92 | 6.01 | 199.62 | 0.7  | 44.25 |
| 2.61  | 11.3  | 48.49 | 0.95 | 6.0  | 201.57 | 0.7  | 44.27 |
| 2.628 | 11.3  | 48.47 | 0.72 | 5.99 | 211.48 | 0.73 | 44.25 |
| 2.643 | 11.3  | 48.46 | 0.84 | 5.99 | 202.84 | 0.71 | 44.25 |
| 2.657 | 11.3  | 48.49 | 0.92 | 5.99 | 212.12 | 0.72 | 44.28 |
| 2.67  | 11.3  | 48.47 | 0.99 | 5.99 | 244.78 | 0.7  | 44.26 |
| 2.682 | 11.3  | 48.46 | 0.8  | 5.99 | 232.94 | 0.69 | 44.24 |
| 2.695 | 11.3  | 48.48 | 0.65 | 5.99 | 228.87 | 0.68 | 44.26 |
| 2.709 | 11.3  | 48.48 | 0.69 | 5.99 | 282.68 | 0.72 | 44.26 |
| 2.725 | 11.3  | 48.47 | 0.84 | 5.98 | 259.33 | 0.69 | 44.25 |
| 2.742 | 11.3  | 48.48 | 0.72 | 5.98 | 297.6  | 0.72 | 44.26 |
| 2.756 | 11.3  | 48.48 | 0.72 | 5.97 | 381.99 | 0.76 | 44.27 |
| 2.769 | 11.3  | 48.49 | 0.57 | 5.96 | 343.43 | 0.72 | 44.27 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.781 | 11.3  | 48.49 | 0.72 | 5.95 | 392.03 | 0.72 | 44.27 |
| 2.797 | 11.3  | 48.49 | 0.76 | 5.97 | 435.43 | 0.76 | 44.27 |
| 2.813 | 11.3  | 48.49 | 0.72 | 5.98 | 339.95 | 0.72 | 44.28 |
| 2.83  | 11.3  | 48.49 | 0.72 | 5.99 | 415.51 | 0.76 | 44.27 |
| 2.846 | 11.3  | 48.48 | 0.72 | 6.02 | 369.96 | 0.72 | 44.26 |
| 2.865 | 11.3  | 48.49 | 0.57 | 6.06 | 381.9  | 0.71 | 44.27 |
| 2.881 | 11.3  | 48.5  | 0.53 | 6.11 | 598.03 | 0.71 | 44.28 |
| 2.899 | 11.3  | 48.49 | 0.5  | 6.16 | 358.73 | 0.74 | 44.28 |
| 2.918 | 11.3  | 48.5  | 0.61 | 6.2  | 374.01 | 0.72 | 44.28 |
| 2.938 | 11.3  | 48.5  | 0.5  | 6.23 | 478.84 | 0.7  | 44.28 |
| 2.956 | 11.3  | 48.5  | 0.57 | 6.26 | 359.73 | 0.7  | 44.29 |
| 2.972 | 11.3  | 48.5  | 0.65 | 6.27 | 369.19 | 0.69 | 44.28 |
| 2.985 | 11.3  | 48.5  | 0.65 | 6.28 | 412.16 | 0.7  | 44.29 |
| 2.998 | 11.3  | 48.49 | 0.61 | 6.29 | 403.55 | 0.74 | 44.28 |
| 3.011 | 11.3  | 48.49 | 0.57 | 6.28 | 408.73 | 0.78 | 44.27 |
| 3.023 | 11.3  | 48.5  | 0.72 | 6.28 | 455.35 | 0.76 | 44.28 |
| 3.033 | 11.3  | 48.5  | 0.69 | 6.26 | 461.51 | 0.77 | 44.29 |
| 3.043 | 11.3  | 48.5  | 0.57 | 6.24 | 357.15 | 0.73 | 44.28 |
| 3.05  | 11.3  | 48.51 | 0.61 | 6.23 | 598.58 | 0.8  | 44.29 |
| 3.06  | 11.3  | 48.51 | 0.65 | 6.2  | 494.4  | 0.79 | 44.29 |
| 3.063 | 11.3  | 48.5  | 0.53 | 6.1  | 416.77 | 0.76 | 44.28 |
| 3.073 | 11.3  | 48.51 | 0.61 | 6.08 | 436.44 | 0.76 | 44.29 |
| 3.109 | 11.3  | 48.51 | 0.61 | 6.06 | 404.02 | 0.74 | 44.3  |
| 3.165 | 11.3  | 48.51 | 0.57 | 6.04 | 402.53 | 0.69 | 44.29 |
| 3.225 | 11.3  | 48.5  | 0.46 | 6.02 | 422.11 | 0.76 | 44.28 |
| 3.288 | 11.3  | 48.52 | 0.65 | 6.0  | 362.74 | 0.75 | 44.3  |
| 3.355 | 11.3  | 48.52 | 0.61 | 5.98 | 348.0  | 0.76 | 44.3  |
| 3.421 | 11.3  | 48.5  | 0.61 | 5.97 | 526.57 | 0.71 | 44.28 |
| 3.48  | 11.3  | 48.5  | 0.61 | 5.97 | 334.01 | 0.77 | 44.29 |
| 3.534 | 11.3  | 48.52 | 0.69 | 5.97 | 543.44 | 0.77 | 44.31 |
| 3.561 | 11.3  | 48.49 | 0.5  | 5.97 | 323.72 | 0.78 | 44.28 |
| 3.562 | 11.3  | 48.53 | 0.46 | 5.98 | 383.23 | 0.73 | 44.32 |
| 3.565 | 11.3  | 48.51 | 0.61 | 5.98 | 344.23 | 0.76 | 44.3  |
| 3.574 | 11.3  | 48.5  | 0.57 | 5.97 | 435.03 | 0.73 | 44.3  |
| 3.608 | 11.3  | 48.52 | 0.57 | 5.99 | 388.77 | 0.76 | 44.32 |
| 3.645 | 11.3  | 48.49 | 0.53 | 6.02 | 505.06 | 0.82 | 44.28 |
| 3.676 | 11.3  | 48.51 | 0.65 | 6.05 | 483.19 | 0.76 | 44.29 |
| 3.712 | 11.3  | 48.52 | 0.53 | 6.1  | 400.2  | 0.79 | 44.31 |
| 3.741 | 11.3  | 48.5  | 0.53 | 6.15 | 370.73 | 0.76 | 44.28 |
| 3.763 | 11.3  | 48.51 | 0.69 | 6.22 | 400.48 | 0.82 | 44.29 |
| 3.796 | 11.3  | 48.53 | 0.69 | 6.31 | 396.23 | 0.79 | 44.32 |
| 3.844 | 11.3  | 48.52 | 0.65 | 6.43 | 362.58 | 0.76 | 44.3  |
| 3.892 | 11.31 | 48.51 | 0.61 | 6.56 | 440.81 | 0.77 | 44.29 |
| 3.955 | 11.31 | 48.55 | 0.53 | 6.71 | 360.15 | 0.8  | 44.32 |
| 4.021 | 11.32 | 48.52 | 0.61 | 6.86 | 324.63 | 0.75 | 44.28 |
| 4.077 | 11.33 | 48.56 | 0.57 | 7.0  | 398.07 | 0.76 | 44.31 |
| 4.137 | 11.33 | 48.61 | 0.5  | 7.1  | 377.85 | 0.72 | 44.36 |
| 4.206 | 11.34 | 48.58 | 0.65 | 7.17 | 334.48 | 0.79 | 44.32 |
| 4.266 | 11.34 | 48.62 | 0.65 | 7.21 | 348.0  | 0.76 | 44.35 |
| 4.291 | 11.36 | 48.65 | 0.72 | 7.24 | 303.95 | 0.79 | 44.37 |
| 4.292 | 11.36 | 48.65 | 0.57 | 7.27 | 447.61 | 0.77 | 44.37 |
| 4.299 | 11.36 | 48.65 | 0.5  | 7.34 | 313.75 | 0.77 | 44.37 |
| 4.335 | 11.36 | 48.66 | 0.5  | 7.39 | 400.39 | 0.78 | 44.38 |
| 4.397 | 11.36 | 48.66 | 0.72 | 7.45 | 362.41 | 0.79 | 44.38 |
| 4.458 | 11.36 | 48.66 | 0.53 | 7.49 | 284.32 | 0.8  | 44.38 |
| 4.498 | 11.36 | 48.66 | 0.65 | 7.53 | 337.75 | 0.8  | 44.38 |
| 4.521 | 11.36 | 48.66 | 0.46 | 7.54 | 331.09 | 0.82 | 44.38 |
| 4.532 | 11.36 | 48.66 | 0.61 | 7.54 | 322.53 | 0.81 | 44.38 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.547 | 11.36 | 48.66 | 0.46 | 7.54 | 338.61 | 0.82 | 44.38 |
| 4.559 | 11.36 | 48.66 | 0.61 | 7.55 | 367.82 | 0.8  | 44.38 |
| 4.569 | 11.36 | 48.67 | 0.65 | 7.57 | 312.88 | 0.85 | 44.38 |
| 4.586 | 11.36 | 48.66 | 0.61 | 7.61 | 299.33 | 0.79 | 44.38 |
| 4.607 | 11.36 | 48.67 | 0.53 | 7.66 | 373.58 | 0.82 | 44.38 |
| 4.647 | 11.36 | 48.67 | 0.61 | 7.72 | 335.41 | 0.8  | 44.38 |
| 4.696 | 11.36 | 48.67 | 0.53 | 7.79 | 300.24 | 0.85 | 44.38 |
| 4.751 | 11.36 | 48.67 | 0.61 | 7.83 | 303.03 | 0.84 | 44.39 |
| 4.82  | 11.36 | 48.67 | 0.69 | 7.86 | 375.66 | 0.85 | 44.39 |
| 4.898 | 11.36 | 48.67 | 0.5  | 7.88 | 303.66 | 0.82 | 44.39 |
| 4.984 | 11.36 | 48.67 | 0.3  | 7.88 | 276.78 | 0.88 | 44.39 |
| 5.057 | 11.36 | 48.67 | 0.57 | 7.9  | 314.26 | 0.91 | 44.39 |
| 5.114 | 11.36 | 48.68 | 0.42 | 7.9  | 302.82 | 0.87 | 44.39 |
| 5.173 | 11.37 | 48.68 | 0.61 | 7.93 | 290.31 | 0.92 | 44.39 |
| 5.244 | 11.37 | 48.68 | 0.53 | 7.95 | 285.84 | 0.9  | 44.39 |
| 5.321 | 11.37 | 48.68 | 0.57 | 8.0  | 330.09 | 0.89 | 44.39 |
| 5.408 | 11.37 | 48.68 | 0.42 | 8.04 | 263.93 | 0.95 | 44.39 |
| 5.48  | 11.37 | 48.68 | 0.53 | 8.09 | 282.15 | 0.93 | 44.39 |
| 5.544 | 11.37 | 48.69 | 0.57 | 8.12 | 262.9  | 0.98 | 44.39 |
| 5.589 | 11.37 | 48.69 | 0.5  | 8.14 | 260.71 | 0.93 | 44.39 |
| 5.608 | 11.38 | 48.69 | 0.53 | 8.16 | 265.16 | 0.95 | 44.39 |
| 5.613 | 11.38 | 48.69 | 0.61 | 8.17 | 257.29 | 0.92 | 44.39 |
| 5.624 | 11.38 | 48.69 | 0.5  | 8.22 | 259.87 | 0.97 | 44.39 |
| 5.635 | 11.38 | 48.69 | 0.72 | 8.23 | 260.71 | 0.91 | 44.39 |
| 5.668 | 11.38 | 48.7  | 0.65 | 8.24 | 260.59 | 0.92 | 44.39 |
| 5.724 | 11.38 | 48.7  | 0.5  | 8.25 | 255.63 | 0.95 | 44.39 |
| 5.79  | 11.38 | 48.7  | 0.38 | 8.26 | 249.25 | 0.94 | 44.4  |
| 5.842 | 11.38 | 48.7  | 0.57 | 8.26 | 261.01 | 0.98 | 44.4  |
| 5.864 | 11.38 | 48.71 | 0.46 | 8.26 | 252.74 | 0.96 | 44.39 |
| 5.867 | 11.39 | 48.7  | 0.46 | 8.25 | 255.33 | 0.99 | 44.39 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.03      | 47.4                | 0.0            | 5.89           | 314.77                      | 0.47              | 43.32           |
| PROF (metros)                                                                | 0.773      | 0.76                | 0.76           | 2.242          | 3.173                       | 0.779             | 1.565           |
| MÁXIMO                                                                       | 11.48      | 11.48               | 1.76           | 7.96           | 2716.0                      | 0.76              | 44.19           |
| PROF (metros)                                                                | 3.215      | 3.22                | 2.015          | 0.896          | 2.251                       | 2.251             | 3.219           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P02 - Punto 014                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.09      | 47.47               | 0.4            | 6.86           | 869.28                      | 0.54              | 43.47           |
| 1 - 2m                                                     | 11.28      | 47.61               | 0.72           | 6.34           | 699.39                      | 0.6               | 43.4            |
| 2 - 3m                                                     | 11.39      | 47.97               | 0.79           | 6.32           | 555.62                      | 0.65              | 43.64           |
| 3 - 4m                                                     | 11.45      | 48.5                | 0.61           | 6.67           | 469.87                      | 0.64              | 44.11           |

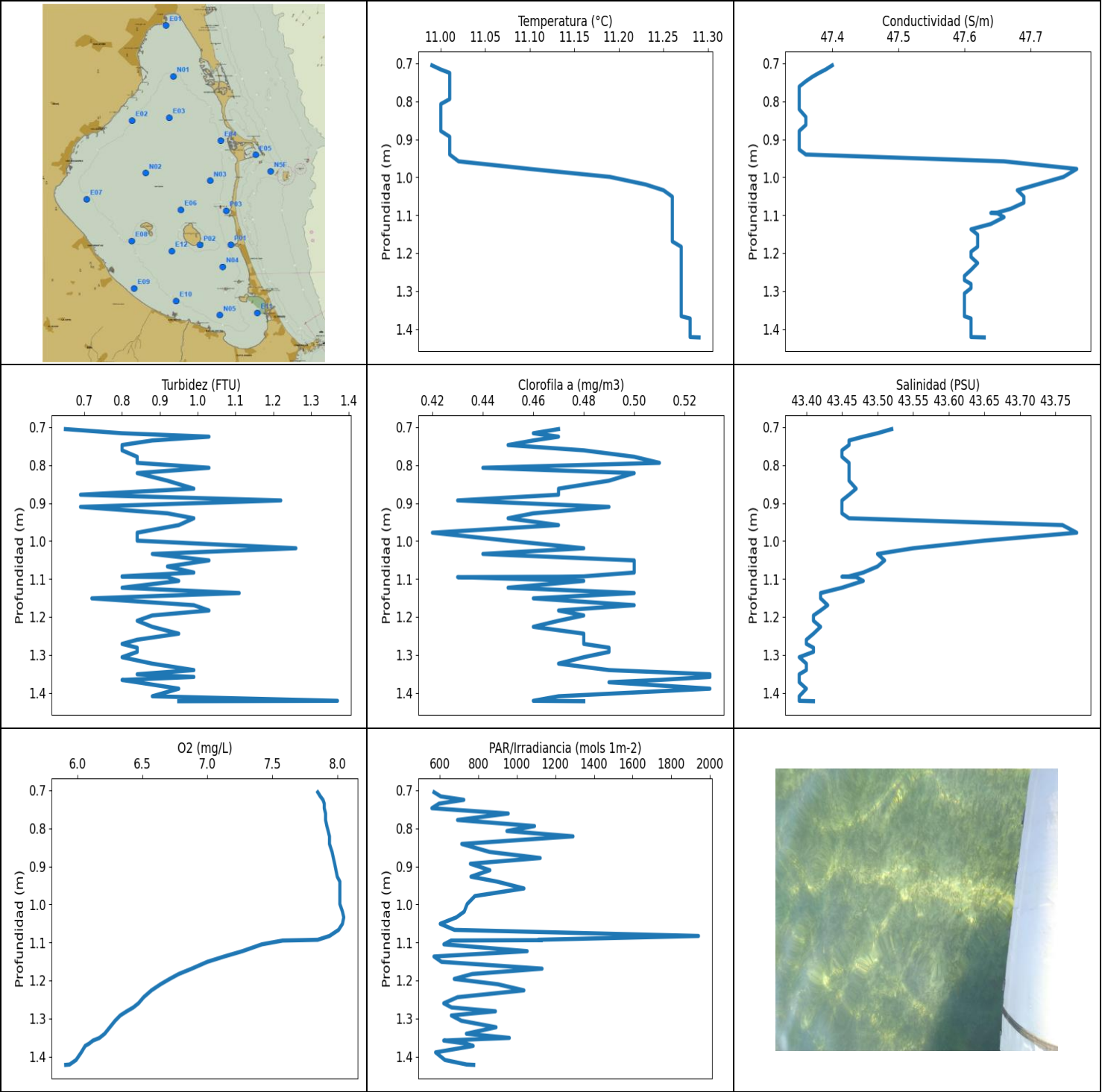
| OBSERVACIONES GENERALES |
|-------------------------|
|                         |

| 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                                                          | 11.04      | 47.41               | 0.23           | 6.34           | 763.69                      | 0.51              | 43.48           |
| 0.73                                                           | 11.05      | 47.41               | 0.15           | 6.35           | 1165.8                      | 0.56              | 43.46           |
| 0.751                                                          | 11.05      | 47.41               | 0.84           | 6.41           | 689.01                      | 0.55              | 43.46           |
| 0.76                                                           | 11.04      | 47.4                | 0.0            | 6.44           | 1415.4                      | 0.52              | 43.46           |
| 0.764                                                          | 11.04      | 47.4                | 0.0            | 6.46           | 626.84                      | 0.51              | 43.47           |
| 0.773                                                          | 11.03      | 47.41               | 0.0            | 6.48           | 959.99                      | 0.48              | 43.48           |
| 0.779                                                          | 11.03      | 47.4                | 0.0            | 6.47           | 874.58                      | 0.47              | 43.47           |
| 0.782                                                          | 11.03      | 47.4                | 0.0            | 6.48           | 759.28                      | 0.53              | 43.47           |
| 0.791                                                          | 11.03      | 47.57               | 0.0            | 6.46           | 1018.9                      | 0.53              | 43.65           |
| 0.803                                                          | 11.07      | 47.6                | 0.0            | 6.44           | 833.81                      | 0.54              | 43.64           |
| 0.815                                                          | 11.11      | 47.58               | 0.0            | 6.44           | 839.82                      | 0.53              | 43.57           |
| 0.829                                                          | 11.13      | 47.56               | 0.15           | 6.51           | 886.83                      | 0.53              | 43.52           |
| 0.841                                                          | 11.14      | 47.56               | 0.0            | 6.66           | 1008.1                      | 0.53              | 43.52           |
| 0.849                                                          | 11.14      | 47.56               | 0.0            | 6.89           | 756.82                      | 0.62              | 43.51           |
| 0.857                                                          | 11.14      | 47.54               | 0.0            | 7.17           | 1205.3                      | 0.59              | 43.49           |
| 0.879                                                          | 11.14      | 47.53               | 0.0            | 7.69           | 795.12                      | 0.52              | 43.48           |
| 0.89                                                           | 11.14      | 47.53               | 0.0            | 7.87           | 742.4                       | 0.52              | 43.47           |
| 0.896                                                          | 11.14      | 47.51               | 0.0            | 7.96           | 899.25                      | 0.52              | 43.46           |
| 0.903                                                          | 11.14      | 47.52               | 0.27           | 7.96           | 1127.0                      | 0.53              | 43.47           |
| 0.915                                                          | 11.14      | 47.53               | 0.0            | 7.87           | 586.9                       | 0.52              | 43.48           |
| 0.929                                                          | 11.14      | 47.51               | 0.0            | 7.73           | 1050.1                      | 0.59              | 43.46           |
| 0.944                                                          | 11.14      | 47.5                | 0.76           | 7.57           | 583.38                      | 0.59              | 43.45           |
| 0.956                                                          | 11.14      | 47.51               | 0.0            | 7.42           | 838.07                      | 0.53              | 43.46           |
| 0.968                                                          | 11.14      | 47.51               | 0.0            | 7.28           | 950.69                      | 0.53              | 43.46           |
| 0.979                                                          | 11.14      | 47.5                | 0.0            | 7.16           | 640.94                      | 0.56              | 43.45           |
| 0.992                                                          | 11.14      | 47.5                | 0.0            | 7.06           | 844.5                       | 0.55              | 43.46           |
| 1.004                                                          | 11.14      | 47.51               | 0.0            | 6.96           | 715.7                       | 0.53              | 43.46           |
| 1.011                                                          | 11.14      | 47.5                | 0.0            | 6.88           | 944.1                       | 0.53              | 43.44           |
| 1.015                                                          | 11.14      | 47.49               | 0.0            | 6.81           | 901.13                      | 0.5               | 43.44           |
| 1.017                                                          | 11.14      | 47.49               | 0.0            | 6.62           | 649.61                      | 0.55              | 43.43           |
| 1.035                                                          | 11.14      | 47.49               | 0.42           | 6.53           | 693.81                      | 0.61              | 43.43           |
| 1.06                                                           | 11.14      | 47.48               | 0.0            | 6.49           | 1167.7                      | 0.52              | 43.42           |
| 1.086                                                          | 11.15      | 47.49               | 0.0            | 6.46           | 483.07                      | 0.49              | 43.43           |
| 1.11                                                           | 11.15      | 47.48               | 0.0            | 6.43           | 704.35                      | 0.55              | 43.42           |
| 1.123                                                          | 11.15      | 47.47               | 0.34           | 6.42           | 577.33                      | 0.56              | 43.41           |
| 1.132                                                          | 11.16      | 47.49               | 0.57           | 6.39           | 1596.3                      | 0.47              | 43.41           |
| 1.135                                                          | 11.16      | 47.49               | 0.0            | 6.38           | 609.93                      | 0.5               | 43.42           |
| 1.143                                                          | 11.17      | 47.47               | 0.34           | 6.37           | 635.76                      | 0.51              | 43.38           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.152 | 11.17 | 47.48 | 0.0  | 6.36 | 1231.0 | 0.56 | 43.38 |
| 1.161 | 11.17 | 47.5  | 0.0  | 6.35 | 755.94 | 0.52 | 43.42 |
| 1.165 | 11.16 | 47.49 | 0.0  | 6.35 | 461.83 | 0.53 | 43.41 |
| 1.17  | 11.16 | 47.48 | 0.0  | 6.34 | 906.57 | 0.5  | 43.4  |
| 1.174 | 11.17 | 47.5  | 0.46 | 6.3  | 1062.3 | 0.57 | 43.41 |
| 1.178 | 11.17 | 47.51 | 1.11 | 6.28 | 580.14 | 0.56 | 43.42 |
| 1.195 | 11.18 | 47.48 | 1.3  | 6.26 | 976.14 | 0.6  | 43.38 |
| 1.223 | 11.19 | 47.49 | 1.11 | 6.23 | 579.47 | 0.61 | 43.38 |
| 1.269 | 11.19 | 47.53 | 0.57 | 6.21 | 949.59 | 0.63 | 43.42 |
| 1.313 | 11.21 | 47.49 | 0.53 | 6.2  | 582.43 | 0.59 | 43.36 |
| 1.333 | 11.22 | 47.5  | 0.76 | 6.18 | 551.94 | 0.58 | 43.35 |
| 1.346 | 11.22 | 47.57 | 0.84 | 6.16 | 1078.9 | 0.56 | 43.43 |
| 1.368 | 11.22 | 47.57 | 0.72 | 6.16 | 750.18 | 0.61 | 43.43 |
| 1.403 | 11.23 | 47.52 | 0.69 | 6.16 | 592.92 | 0.6  | 43.35 |
| 1.447 | 11.25 | 47.54 | 0.76 | 6.17 | 806.25 | 0.56 | 43.35 |
| 1.48  | 11.26 | 47.53 | 0.65 | 6.19 | 1169.0 | 0.55 | 43.33 |
| 1.499 | 11.25 | 47.56 | 0.61 | 6.22 | 409.21 | 0.58 | 43.37 |
| 1.514 | 11.25 | 47.6  | 0.72 | 6.26 | 749.48 | 0.61 | 43.41 |
| 1.538 | 11.26 | 47.59 | 0.65 | 6.29 | 756.82 | 0.59 | 43.4  |
| 1.565 | 11.27 | 47.53 | 0.53 | 6.34 | 686.77 | 0.59 | 43.32 |
| 1.585 | 11.27 | 47.59 | 0.5  | 6.38 | 559.93 | 0.66 | 43.38 |
| 1.6   | 11.27 | 47.67 | 0.69 | 6.42 | 503.89 | 0.56 | 43.47 |
| 1.612 | 11.27 | 47.58 | 0.61 | 6.47 | 615.61 | 0.6  | 43.37 |
| 1.623 | 11.29 | 47.58 | 0.5  | 6.5  | 1027.0 | 0.62 | 43.35 |
| 1.638 | 11.3  | 47.66 | 0.61 | 6.54 | 603.18 | 0.6  | 43.42 |
| 1.656 | 11.28 | 47.67 | 0.46 | 6.56 | 590.18 | 0.57 | 43.45 |
| 1.675 | 11.29 | 47.59 | 0.57 | 6.59 | 725.89 | 0.6  | 43.37 |
| 1.689 | 11.29 | 47.61 | 0.57 | 6.6  | 456.83 | 0.59 | 43.38 |
| 1.701 | 11.3  | 47.69 | 0.57 | 6.59 | 549.01 | 0.6  | 43.45 |
| 1.715 | 11.31 | 47.64 | 0.53 | 6.58 | 510.35 | 0.56 | 43.39 |
| 1.731 | 11.31 | 47.6  | 0.57 | 6.56 | 786.68 | 0.63 | 43.35 |
| 1.747 | 11.32 | 47.68 | 0.61 | 6.52 | 524.38 | 0.59 | 43.43 |
| 1.766 | 11.33 | 47.69 | 0.65 | 6.49 | 794.38 | 0.6  | 43.42 |
| 1.784 | 11.33 | 47.63 | 0.65 | 6.46 | 477.84 | 0.62 | 43.35 |
| 1.799 | 11.33 | 47.62 | 0.65 | 6.43 | 609.5  | 0.65 | 43.35 |
| 1.806 | 11.33 | 47.67 | 0.76 | 6.39 | 443.89 | 0.68 | 43.39 |
| 1.809 | 11.34 | 47.7  | 0.88 | 6.36 | 1428.9 | 0.66 | 43.41 |
| 1.816 | 11.34 | 47.72 | 0.99 | 6.34 | 453.24 | 0.67 | 43.43 |
| 1.834 | 11.34 | 47.7  | 0.92 | 6.32 | 498.78 | 0.63 | 43.41 |
| 1.848 | 11.35 | 47.63 | 0.57 | 6.3  | 470.15 | 0.61 | 43.33 |
| 1.853 | 11.34 | 47.75 | 0.8  | 6.27 | 361.82 | 0.64 | 43.46 |
| 1.854 | 11.34 | 47.77 | 0.84 | 6.26 | 1459.0 | 0.63 | 43.48 |
| 1.858 | 11.35 | 47.71 | 0.84 | 6.26 | 395.41 | 0.62 | 43.42 |
| 1.869 | 11.35 | 47.7  | 1.03 | 6.26 | 494.52 | 0.67 | 43.41 |
| 1.895 | 11.35 | 47.77 | 0.99 | 6.26 | 730.62 | 0.63 | 43.48 |
| 1.926 | 11.36 | 47.67 | 0.76 | 6.26 | 917.14 | 0.63 | 43.37 |
| 1.946 | 11.36 | 47.68 | 0.84 | 6.26 | 626.26 | 0.74 | 43.37 |
| 1.96  | 11.35 | 47.81 | 0.92 | 6.24 | 497.39 | 0.62 | 43.51 |
| 1.972 | 11.34 | 47.79 | 0.95 | 6.23 | 392.03 | 0.6  | 43.5  |
| 1.988 | 11.35 | 47.69 | 1.34 | 6.21 | 681.07 | 0.63 | 43.4  |
| 2.015 | 11.36 | 47.85 | 1.76 | 6.15 | 353.86 | 0.6  | 43.55 |
| 2.062 | 11.37 | 47.72 | 1.18 | 6.1  | 453.67 | 0.66 | 43.41 |
| 2.097 | 11.38 | 47.85 | 0.99 | 6.07 | 783.23 | 0.65 | 43.53 |
| 2.128 | 11.39 | 47.8  | 1.18 | 6.04 | 425.75 | 0.68 | 43.46 |
| 2.151 | 11.39 | 47.77 | 0.76 | 6.01 | 508.7  | 0.69 | 43.42 |
| 2.175 | 11.4  | 47.77 | 0.65 | 5.98 | 448.75 | 0.6  | 43.42 |
| 2.196 | 11.4  | 47.77 | 0.76 | 5.96 | 486.9  | 0.62 | 43.42 |
| 2.212 | 11.4  | 47.79 | 0.95 | 5.93 | 548.24 | 0.66 | 43.44 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.227 | 11.4  | 47.91 | 0.84 | 5.91 | 592.92 | 0.64 | 43.56 |
| 2.242 | 11.4  | 47.83 | 0.95 | 5.89 | 403.93 | 0.69 | 43.47 |
| 2.251 | 11.4  | 47.82 | 0.88 | 5.9  | 2716.0 | 0.76 | 43.46 |
| 2.261 | 11.41 | 47.95 | 0.65 | 5.9  | 369.7  | 0.67 | 43.59 |
| 2.277 | 11.41 | 47.94 | 0.72 | 5.91 | 583.11 | 0.66 | 43.58 |
| 2.287 | 11.42 | 47.77 | 0.69 | 5.95 | 435.03 | 0.66 | 43.39 |
| 2.289 | 11.41 | 47.93 | 0.42 | 6.0  | 447.81 | 0.67 | 43.57 |
| 2.304 | 11.39 | 48.05 | 0.61 | 6.06 | 819.44 | 0.66 | 43.72 |
| 2.33  | 11.39 | 47.82 | 0.72 | 6.14 | 493.6  | 0.71 | 43.48 |
| 2.353 | 11.39 | 47.83 | 0.72 | 6.22 | 440.61 | 0.67 | 43.49 |
| 2.374 | 11.36 | 48.0  | 1.11 | 6.28 | 720.03 | 0.68 | 43.7  |
| 2.397 | 11.35 | 47.97 | 0.72 | 6.35 | 582.16 | 0.62 | 43.68 |
| 2.419 | 11.35 | 47.87 | 0.69 | 6.43 | 363.33 | 0.66 | 43.57 |
| 2.439 | 11.35 | 47.97 | 0.8  | 6.49 | 531.72 | 0.62 | 43.68 |
| 2.46  | 11.35 | 48.04 | 0.72 | 6.55 | 450.31 | 0.69 | 43.75 |
| 2.48  | 11.35 | 47.94 | 0.69 | 6.62 | 502.6  | 0.69 | 43.65 |
| 2.5   | 11.35 | 47.91 | 0.5  | 6.67 | 416.38 | 0.63 | 43.62 |
| 2.522 | 11.36 | 48.03 | 1.03 | 6.71 | 551.3  | 0.66 | 43.73 |
| 2.544 | 11.37 | 47.99 | 0.95 | 6.74 | 442.86 | 0.61 | 43.67 |
| 2.564 | 11.38 | 47.9  | 0.84 | 6.75 | 515.7  | 0.63 | 43.58 |
| 2.581 | 11.38 | 47.97 | 0.92 | 6.74 | 770.62 | 0.65 | 43.64 |
| 2.594 | 11.38 | 48.05 | 1.07 | 6.72 | 524.5  | 0.66 | 43.72 |
| 2.602 | 11.38 | 47.99 | 0.8  | 6.66 | 598.86 | 0.65 | 43.67 |
| 2.615 | 11.38 | 48.05 | 0.69 | 6.62 | 336.34 | 0.63 | 43.73 |
| 2.645 | 11.38 | 48.12 | 0.76 | 6.57 | 621.63 | 0.62 | 43.79 |
| 2.685 | 11.39 | 48.02 | 0.84 | 6.55 | 474.09 | 0.71 | 43.68 |
| 2.718 | 11.4  | 47.95 | 0.84 | 6.51 | 357.82 | 0.63 | 43.6  |
| 2.741 | 11.41 | 48.07 | 0.65 | 6.48 | 482.74 | 0.63 | 43.71 |
| 2.761 | 11.4  | 48.14 | 0.65 | 6.44 | 443.37 | 0.61 | 43.8  |
| 2.779 | 11.4  | 48.02 | 0.57 | 6.43 | 387.96 | 0.59 | 43.67 |
| 2.8   | 11.4  | 48.11 | 0.65 | 6.42 | 491.66 | 0.61 | 43.76 |
| 2.824 | 11.41 | 48.18 | 0.46 | 6.4  | 478.62 | 0.63 | 43.83 |
| 2.848 | 11.41 | 48.07 | 0.88 | 6.39 | 400.02 | 0.63 | 43.71 |
| 2.869 | 11.41 | 48.19 | 0.65 | 6.37 | 659.63 | 0.66 | 43.83 |
| 2.896 | 11.41 | 48.24 | 0.69 | 6.37 | 645.56 | 0.66 | 43.88 |
| 2.924 | 11.42 | 48.22 | 0.69 | 6.37 | 442.35 | 0.63 | 43.86 |
| 2.953 | 11.42 | 48.32 | 0.61 | 6.37 | 434.93 | 0.64 | 43.96 |
| 2.977 | 11.42 | 48.29 | 0.65 | 6.37 | 620.05 | 0.69 | 43.93 |
| 3.001 | 11.42 | 48.36 | 0.65 | 6.38 | 440.51 | 0.67 | 43.99 |
| 3.024 | 11.42 | 48.39 | 0.46 | 6.4  | 505.76 | 0.69 | 44.02 |
| 3.047 | 11.43 | 48.4  | 0.57 | 6.44 | 440.3  | 0.64 | 44.03 |
| 3.065 | 11.43 | 48.43 | 0.65 | 6.46 | 399.74 | 0.66 | 44.05 |
| 3.077 | 11.44 | 48.43 | 0.76 | 6.52 | 464.09 | 0.6  | 44.05 |
| 3.092 | 11.44 | 48.47 | 0.65 | 6.57 | 448.96 | 0.6  | 44.08 |
| 3.117 | 11.45 | 48.48 | 0.57 | 6.63 | 455.67 | 0.6  | 44.08 |
| 3.145 | 11.46 | 48.53 | 0.57 | 6.7  | 592.37 | 0.63 | 44.13 |
| 3.173 | 11.46 | 48.55 | 0.53 | 6.76 | 314.77 | 0.64 | 44.14 |
| 3.197 | 11.47 | 48.57 | 0.53 | 6.81 | 577.86 | 0.63 | 44.16 |
| 3.211 | 11.47 | 48.58 | 0.61 | 6.85 | 559.28 | 0.64 | 44.16 |
| 3.215 | 11.48 | 48.6  | 0.65 | 6.9  | 435.03 | 0.67 | 44.18 |
| 3.219 | 11.48 | 48.61 | 0.61 | 6.93 | 424.96 | 0.62 | 44.19 |
| 3.22  | 11.48 | 48.62 | 0.69 | 6.98 | 518.94 | 0.63 | 44.19 |



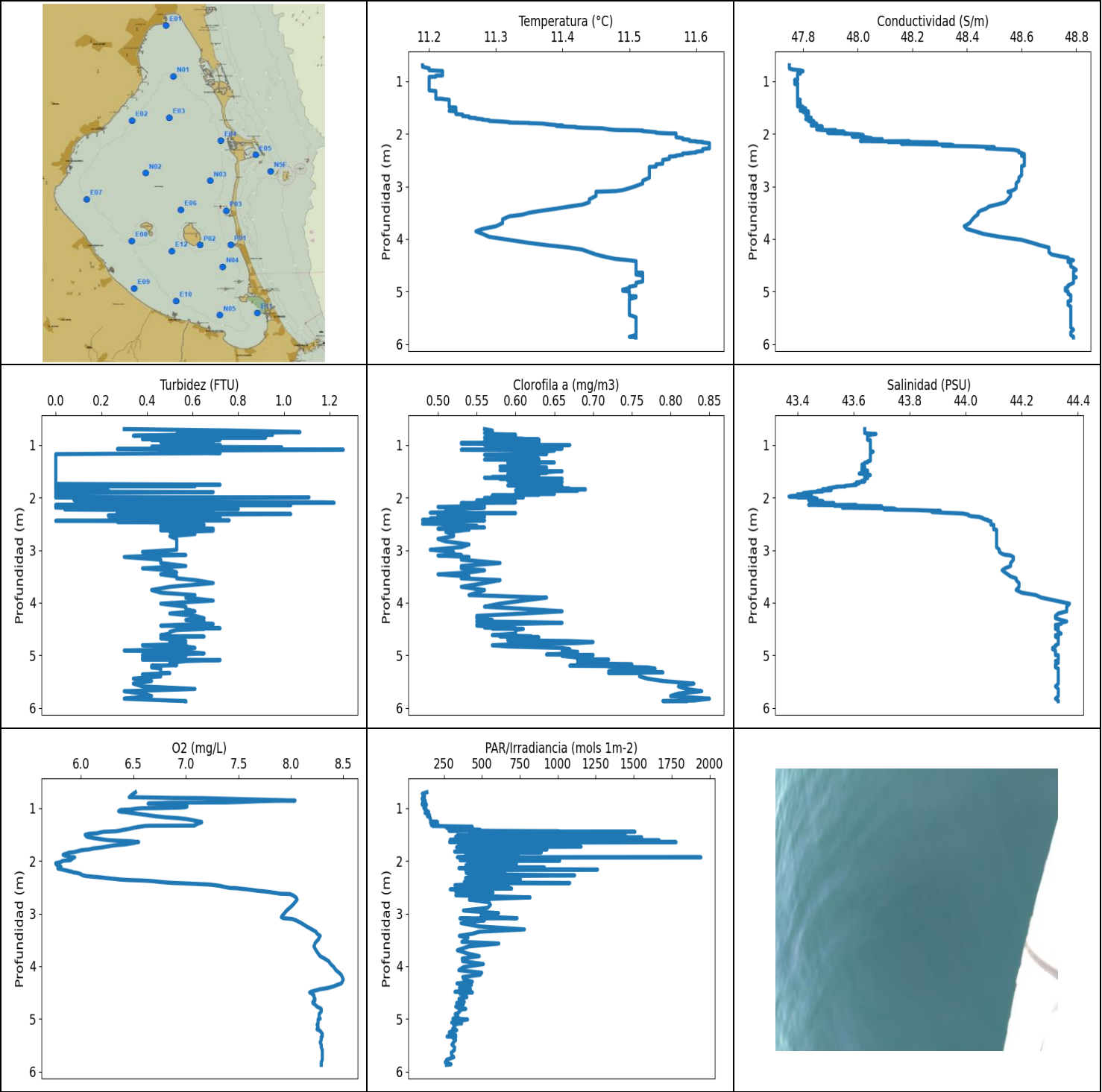
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 10.99      | 47.35               | 0.65           | 5.91           | 559.41                      | 0.42              | 43.39           |
| PROF (metros)                                                                | 0.705      | 0.761               | 0.705          | 1.422          | 0.747                       | 0.978             | 1.306           |
| MÁXIMO                                                                       | 11.29      | 11.29               | 1.37           | 8.05           | 1940.7                      | 0.53              | 43.78           |
| PROF (metros)                                                                | 1.422      | 0.978               | 1.421          | 1.034          | 1.083                       | 1.351             | 0.978           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD P01 - Punto 015                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.02      | 47.42               | 0.88           | 7.95           | 828.43                      | 0.47              | 43.5            |
| 1 - 2m                                                     | 11.27      | 47.63               | 0.92           | 6.81           | 805.58                      | 0.48              | 43.43           |

| 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) |
| 0.705                                                          | 10.99      | 47.4                | 0.65           | 7.85           | 570.81                      | 0.47              | 43.52           |
| 0.716                                                          | 11.0       | 47.39               | 0.8            | 7.87           | 605.7                       | 0.46              | 43.5            |
| 0.725                                                          | 11.01      | 47.38               | 1.03           | 7.89           | 725.05                      | 0.47              | 43.48           |
| 0.735                                                          | 11.01      | 47.37               | 0.88           | 7.9            | 596.64                      | 0.46              | 43.46           |
| 0.747                                                          | 11.01      | 47.36               | 0.8            | 7.9            | 559.41                      | 0.45              | 43.46           |
| 0.761                                                          | 11.01      | 47.35               | 0.8            | 7.91           | 955.11                      | 0.48              | 43.45           |
| 0.778                                                          | 11.01      | 47.35               | 0.84           | 7.91           | 692.53                      | 0.5               | 43.45           |
| 0.794                                                          | 11.01      | 47.35               | 0.84           | 7.92           | 1091.3                      | 0.51              | 43.46           |
| 0.807                                                          | 11.0       | 47.35               | 1.03           | 7.93           | 948.27                      | 0.44              | 43.46           |
| 0.821                                                          | 11.0       | 47.35               | 0.84           | 7.94           | 1290.6                      | 0.5               | 43.46           |
| 0.841                                                          | 11.0       | 47.36               | 0.92           | 7.94           | 714.21                      | 0.49              | 43.46           |
| 0.862                                                          | 11.0       | 47.36               | 0.99           | 7.96           | 858.72                      | 0.47              | 43.47           |
| 0.878                                                          | 11.0       | 47.35               | 0.69           | 7.97           | 1120.7                      | 0.47              | 43.46           |
| 0.893                                                          | 11.01      | 47.35               | 1.22           | 7.98           | 758.92                      | 0.43              | 43.45           |
| 0.91                                                           | 11.01      | 47.35               | 0.69           | 7.99           | 859.91                      | 0.49              | 43.45           |
| 0.927                                                          | 11.01      | 47.35               | 0.92           | 8.0            | 762.1                       | 0.46              | 43.45           |
| 0.94                                                           | 11.01      | 47.36               | 0.99           | 8.02           | 897.38                      | 0.45              | 43.46           |
| 0.958                                                          | 11.02      | 47.66               | 0.95           | 8.02           | 1036.5                      | 0.47              | 43.76           |
| 0.978                                                          | 11.1       | 47.77               | 0.84           | 8.02           | 782.32                      | 0.42              | 43.78           |
| 0.999                                                          | 11.19      | 47.75               | 0.84           | 8.02           | 742.4                       | 0.45              | 43.65           |
| 1.019                                                          | 11.23      | 47.71               | 1.26           | 8.04           | 726.9                       | 0.48              | 43.55           |
| 1.034                                                          | 11.25      | 47.68               | 0.88           | 8.05           | 686.46                      | 0.44              | 43.5            |
| 1.051                                                          | 11.26      | 47.69               | 1.03           | 8.04           | 602.76                      | 0.5               | 43.51           |
| 1.067                                                          | 11.26      | 47.69               | 0.92           | 8.01           | 676.66                      | 0.5               | 43.5            |
| 1.083                                                          | 11.26      | 47.67               | 0.99           | 7.94           | 1940.7                      | 0.5               | 43.48           |
| 1.093                                                          | 11.26      | 47.65               | 0.8            | 7.85           | 1112.2                      | 0.48              | 43.46           |
| 1.094                                                          | 11.26      | 47.64               | 0.8            | 7.73           | 1129.6                      | 0.47              | 43.45           |
| 1.095                                                          | 11.26      | 47.65               | 0.92           | 7.58           | 659.63                      | 0.43              | 43.47           |
| 1.105                                                          | 11.26      | 47.66               | 0.95           | 7.42           | 621.77                      | 0.48              | 43.48           |
| 1.123                                                          | 11.26      | 47.64               | 0.8            | 7.27           | 1053.2                      | 0.45              | 43.45           |
| 1.137                                                          | 11.26      | 47.61               | 1.11           | 7.13           | 570.28                      | 0.5               | 43.42           |
| 1.151                                                          | 11.26      | 47.62               | 0.72           | 7.0            | 609.36                      | 0.46              | 43.42           |
| 1.169                                                          | 11.26      | 47.62               | 0.99           | 6.88           | 1130.4                      | 0.5               | 43.43           |
| 1.183                                                          | 11.27      | 47.62               | 1.03           | 6.78           | 768.84                      | 0.47              | 43.42           |
| 1.196                                                          | 11.27      | 47.61               | 0.88           | 6.71           | 675.41                      | 0.48              | 43.41           |
| 1.21                                                           | 11.27      | 47.61               | 0.84           | 6.64           | 901.55                      | 0.47              | 43.41           |
| 1.226                                                          | 11.27      | 47.62               | 0.88           | 6.57           | 1036.3                      | 0.46              | 43.42           |
| 1.244                                                          | 11.27      | 47.61               | 0.95           | 6.51           | 692.37                      | 0.48              | 43.41           |
| 1.26                                                           | 11.27      | 47.6                | 0.84           | 6.47           | 620.91                      | 0.48              | 43.4            |
| 1.271                                                          | 11.27      | 47.6                | 0.8            | 6.43           | 661.93                      | 0.48              | 43.4            |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.281 | 11.27 | 47.61 | 0.84 | 6.38 | 888.89 | 0.49 | 43.41 |
| 1.292 | 11.27 | 47.61 | 0.84 | 6.33 | 660.39 | 0.49 | 43.41 |
| 1.306 | 11.27 | 47.6  | 0.8  | 6.29 | 712.89 | 0.48 | 43.39 |
| 1.323 | 11.27 | 47.6  | 0.88 | 6.25 | 891.98 | 0.47 | 43.4  |
| 1.34  | 11.27 | 47.6  | 0.99 | 6.21 | 738.28 | 0.49 | 43.4  |
| 1.351 | 11.27 | 47.6  | 0.84 | 6.17 | 960.88 | 0.53 | 43.39 |
| 1.358 | 11.27 | 47.6  | 0.99 | 6.12 | 620.91 | 0.53 | 43.39 |
| 1.366 | 11.27 | 47.6  | 0.8  | 6.09 | 737.76 | 0.51 | 43.39 |
| 1.372 | 11.28 | 47.61 | 0.84 | 6.06 | 773.49 | 0.49 | 43.39 |
| 1.389 | 11.28 | 47.61 | 0.95 | 6.03 | 578.8  | 0.53 | 43.4  |
| 1.409 | 11.28 | 47.61 | 0.88 | 5.99 | 627.13 | 0.47 | 43.39 |
| 1.421 | 11.28 | 47.61 | 1.37 | 5.94 | 739.3  | 0.46 | 43.39 |
| 1.422 | 11.29 | 47.63 | 0.95 | 5.91 | 776.18 | 0.48 | 43.41 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.19      | 47.75               | 0.0            | 5.76           | 105.95                      | 0.48              | 43.37           |
| PROF (metros)                                                                | 0.7        | 0.7                 | 1.176          | 2.046          | 0.92                        | 2.426             | 1.981           |
| MÁXIMO                                                                       | 11.62      | 11.62               | 1.26           | 8.5            | 1943.4                      | 0.85              | 44.37           |
| PROF (metros)                                                                | 2.179      | 4.586               | 1.093          | 4.25           | 1.934                       | 5.823             | 4.017           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N04 - Punto 016                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.21      | 47.78               | 0.62           | 7.01           | 119.69                      | 0.59              | 43.66           |
| 1 - 2m                                                     | 11.27      | 47.81               | 0.6            | 6.34           | 300.62                      | 0.61              | 43.61           |
| 2 - 3m                                                     | 11.57      | 48.46               | 0.53           | 6.79           | 535.23                      | 0.53              | 43.92           |
| 3 - 4m                                                     | 11.38      | 48.49               | 0.51           | 8.18           | 465.12                      | 0.55              | 44.18           |
| 4 - 5m                                                     | 11.49      | 48.76               | 0.55           | 8.3            | 369.36                      | 0.61              | 44.33           |
| 5 - 6m                                                     | 11.5       | 48.78               | 0.46           | 8.28           | 312.05                      | 0.75              | 44.33           |

| 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) |
| 0.7                                                            | 11.19      | 47.75               | 0.3            | 6.52           | 137.61                      | 0.56              | 43.64           |
| 0.727                                                          | 11.19      | 47.75               | 0.76           | 6.5            | 107.56                      | 0.57              | 43.64           |
| 0.757                                                          | 11.2       | 47.75               | 1.07           | 6.48           | 113.68                      | 0.57              | 43.64           |
| 0.777                                                          | 11.2       | 47.76               | 0.72           | 6.47           | 122.35                      | 0.56              | 43.64           |
| 0.794                                                          | 11.2       | 47.79               | 0.53           | 6.46           | 112.56                      | 0.57              | 43.68           |
| 0.808                                                          | 11.22      | 47.8                | 0.95           | 6.87           | 107.68                      | 0.6               | 43.66           |
| 0.812                                                          | 11.22      | 47.8                | 0.5            | 7.15           | 120.47                      | 0.57              | 43.66           |
| 0.827                                                          | 11.22      | 47.79               | 0.34           | 7.45           | 106.12                      | 0.6               | 43.65           |
| 0.841                                                          | 11.22      | 47.79               | 0.8            | 7.72           | 111.78                      | 0.58              | 43.65           |
| 0.852                                                          | 11.22      | 47.79               | 0.61           | 7.93           | 118.58                      | 0.57              | 43.65           |
| 0.858                                                          | 11.22      | 47.79               | 0.5            | 8.04           | 118.58                      | 0.56              | 43.65           |
| 0.86                                                           | 11.22      | 47.79               | 0.92           | 7.98           | 126.62                      | 0.57              | 43.65           |
| 0.862                                                          | 11.22      | 47.78               | 0.42           | 7.86           | 111.91                      | 0.6               | 43.65           |
| 0.87                                                           | 11.22      | 47.78               | 0.53           | 7.7            | 110.46                      | 0.59              | 43.65           |
| 0.883                                                          | 11.22      | 47.78               | 0.72           | 7.55           | 112.19                      | 0.61              | 43.65           |
| 0.893                                                          | 11.22      | 47.78               | 0.38           | 7.39           | 126.3                       | 0.61              | 43.65           |
| 0.896                                                          | 11.21      | 47.78               | 0.65           | 6.93           | 116.16                      | 0.63              | 43.65           |
| 0.898                                                          | 11.21      | 47.78               | 0.69           | 6.84           | 115.57                      | 0.61              | 43.65           |
| 0.906                                                          | 11.21      | 47.78               | 0.72           | 6.77           | 129.95                      | 0.6               | 43.65           |
| 0.91                                                           | 11.21      | 47.78               | 0.42           | 6.65           | 112.66                      | 0.6               | 43.66           |
| 0.912                                                          | 11.21      | 47.78               | 0.69           | 6.65           | 120.83                      | 0.63              | 43.66           |
| 0.916                                                          | 11.21      | 47.78               | 0.53           | 6.64           | 119.44                      | 0.63              | 43.66           |
| 0.919                                                          | 11.2       | 47.78               | 0.5            | 6.67           | 127.48                      | 0.58              | 43.66           |
| 0.92                                                           | 11.2       | 47.78               | 0.53           | 6.7            | 105.95                      | 0.58              | 43.66           |
| 0.922                                                          | 11.2       | 47.78               | 0.57           | 6.72           | 117.43                      | 0.56              | 43.66           |
| 0.927                                                          | 11.2       | 47.78               | 0.53           | 6.76           | 132.38                      | 0.58              | 43.66           |
| 0.934                                                          | 11.2       | 47.78               | 0.61           | 6.81           | 121.17                      | 0.59              | 43.66           |
| 0.938                                                          | 11.2       | 47.78               | 0.65           | 6.85           | 107.23                      | 0.6               | 43.66           |
| 0.94                                                           | 11.2       | 47.78               | 0.65           | 6.89           | 134.99                      | 0.61              | 43.66           |
| 0.944                                                          | 11.2       | 47.78               | 0.53           | 6.93           | 116.59                      | 0.58              | 43.66           |
| 0.947                                                          | 11.2       | 47.78               | 0.61           | 6.97           | 118.69                      | 0.6               | 43.66           |
| 0.948                                                          | 11.2       | 47.78               | 0.46           | 6.98           | 119.22                      | 0.63              | 43.66           |
| 0.95                                                           | 11.2       | 47.78               | 0.69           | 7.0            | 121.11                      | 0.58              | 43.66           |
| 0.956                                                          | 11.2       | 47.78               | 0.65           | 7.01           | 125.1                       | 0.56              | 43.66           |
| 0.962                                                          | 11.2       | 47.78               | 0.69           | 7.01           | 122.3                       | 0.63              | 43.66           |
| 0.964                                                          | 11.2       | 47.78               | 0.65           | 7.01           | 123.23                      | 0.53              | 43.66           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 0.966 | 11.2  | 47.78 | 0.61 | 7.01 | 120.97 | 0.55 | 43.66 |
| 0.969 | 11.2  | 47.78 | 0.65 | 7.01 | 125.51 | 0.56 | 43.66 |
| 0.973 | 11.2  | 47.77 | 0.69 | 7.01 | 119.71 | 0.53 | 43.66 |
| 0.978 | 11.2  | 47.78 | 0.57 | 7.0  | 127.21 | 0.63 | 43.66 |
| 0.984 | 11.2  | 47.77 | 0.65 | 6.99 | 125.8  | 0.61 | 43.66 |
| 0.989 | 11.2  | 47.77 | 0.65 | 6.96 | 119.85 | 0.59 | 43.66 |
| 0.992 | 11.2  | 47.77 | 0.61 | 6.93 | 128.54 | 0.61 | 43.66 |
| 0.994 | 11.2  | 47.77 | 0.69 | 6.89 | 119.08 | 0.59 | 43.66 |
| 0.996 | 11.2  | 47.77 | 0.61 | 6.84 | 127.59 | 0.6  | 43.66 |
| 1.0   | 11.2  | 47.77 | 0.72 | 6.78 | 124.21 | 0.59 | 43.66 |
| 1.002 | 11.2  | 47.77 | 0.65 | 6.72 | 118.12 | 0.67 | 43.66 |
| 1.003 | 11.2  | 47.77 | 0.72 | 6.58 | 125.72 | 0.56 | 43.66 |
| 1.01  | 11.2  | 47.77 | 0.72 | 6.54 | 122.35 | 0.61 | 43.66 |
| 1.019 | 11.2  | 47.77 | 0.72 | 6.5  | 131.89 | 0.58 | 43.66 |
| 1.029 | 11.2  | 47.77 | 0.57 | 6.47 | 132.32 | 0.57 | 43.66 |
| 1.036 | 11.2  | 47.78 | 0.42 | 6.38 | 133.18 | 0.59 | 43.66 |
| 1.045 | 11.2  | 47.78 | 0.99 | 6.37 | 126.01 | 0.66 | 43.66 |
| 1.056 | 11.2  | 47.77 | 0.5  | 6.36 | 129.32 | 0.65 | 43.66 |
| 1.061 | 11.2  | 47.78 | 0.53 | 6.36 | 143.6  | 0.61 | 43.66 |
| 1.064 | 11.2  | 47.78 | 0.5  | 6.37 | 134.33 | 0.61 | 43.66 |
| 1.071 | 11.2  | 47.78 | 0.8  | 6.38 | 131.53 | 0.66 | 43.66 |
| 1.073 | 11.2  | 47.78 | 0.42 | 6.4  | 148.96 | 0.58 | 43.66 |
| 1.08  | 11.2  | 47.78 | 0.27 | 6.44 | 139.63 | 0.61 | 43.66 |
| 1.093 | 11.2  | 47.78 | 1.26 | 6.48 | 124.96 | 0.53 | 43.66 |
| 1.11  | 11.2  | 47.78 | 0.46 | 6.54 | 137.93 | 0.65 | 43.66 |
| 1.13  | 11.2  | 47.78 | 0.46 | 6.62 | 154.87 | 0.63 | 43.67 |
| 1.156 | 11.2  | 47.78 | 0.72 | 6.71 | 141.46 | 0.63 | 43.66 |
| 1.176 | 11.2  | 47.78 | 0.0  | 6.81 | 157.3  | 0.64 | 43.66 |
| 1.189 | 11.21 | 47.78 | 0.0  | 6.91 | 159.46 | 0.56 | 43.66 |
| 1.207 | 11.21 | 47.78 | 0.0  | 7.0  | 158.36 | 0.61 | 43.66 |
| 1.232 | 11.21 | 47.78 | 0.0  | 7.07 | 163.66 | 0.62 | 43.66 |
| 1.253 | 11.21 | 47.78 | 0.0  | 7.12 | 162.07 | 0.61 | 43.66 |
| 1.263 | 11.21 | 47.78 | 0.0  | 7.15 | 207.74 | 0.63 | 43.66 |
| 1.271 | 11.21 | 47.78 | 0.0  | 7.15 | 185.95 | 0.62 | 43.66 |
| 1.28  | 11.21 | 47.78 | 0.0  | 7.14 | 162.07 | 0.56 | 43.66 |
| 1.289 | 11.21 | 47.78 | 0.0  | 7.12 | 165.03 | 0.63 | 43.66 |
| 1.301 | 11.21 | 47.78 | 0.0  | 7.11 | 188.51 | 0.63 | 43.66 |
| 1.313 | 11.21 | 47.78 | 0.0  | 7.09 | 186.43 | 0.62 | 43.65 |
| 1.323 | 11.21 | 47.78 | 0.0  | 7.09 | 166.99 | 0.63 | 43.65 |
| 1.334 | 11.21 | 47.78 | 0.0  | 7.08 | 218.35 | 0.61 | 43.65 |
| 1.336 | 11.22 | 47.78 | 0.0  | 6.66 | 182.92 | 0.65 | 43.64 |
| 1.34  | 11.22 | 47.78 | 0.0  | 6.61 | 175.4  | 0.59 | 43.64 |
| 1.354 | 11.23 | 47.79 | 0.0  | 6.56 | 436.34 | 0.63 | 43.64 |
| 1.375 | 11.23 | 47.78 | 0.0  | 6.5  | 267.01 | 0.63 | 43.63 |
| 1.395 | 11.23 | 47.78 | 0.0  | 6.46 | 358.07 | 0.62 | 43.63 |
| 1.412 | 11.23 | 47.79 | 0.0  | 6.41 | 488.14 | 0.58 | 43.64 |
| 1.428 | 11.23 | 47.79 | 0.0  | 6.37 | 283.14 | 0.64 | 43.64 |
| 1.44  | 11.23 | 47.78 | 0.0  | 6.33 | 1006.7 | 0.63 | 43.63 |
| 1.447 | 11.23 | 47.79 | 0.0  | 6.26 | 608.65 | 0.63 | 43.63 |
| 1.45  | 11.23 | 47.79 | 0.0  | 6.22 | 1508.5 | 0.6  | 43.63 |
| 1.456 | 11.23 | 47.79 | 0.0  | 6.2  | 550.92 | 0.63 | 43.63 |
| 1.469 | 11.23 | 47.79 | 0.0  | 6.17 | 552.84 | 0.62 | 43.64 |
| 1.479 | 11.23 | 47.78 | 0.0  | 6.15 | 861.11 | 0.58 | 43.63 |
| 1.482 | 11.23 | 47.79 | 0.0  | 6.12 | 559.28 | 0.63 | 43.64 |
| 1.488 | 11.23 | 47.8  | 0.0  | 6.08 | 420.65 | 0.6  | 43.65 |
| 1.495 | 11.23 | 47.79 | 0.0  | 6.06 | 789.24 | 0.63 | 43.64 |
| 1.501 | 11.24 | 47.79 | 0.0  | 6.05 | 546.47 | 0.66 | 43.63 |
| 1.508 | 11.24 | 47.8  | 0.0  | 6.04 | 1443.9 | 0.65 | 43.64 |

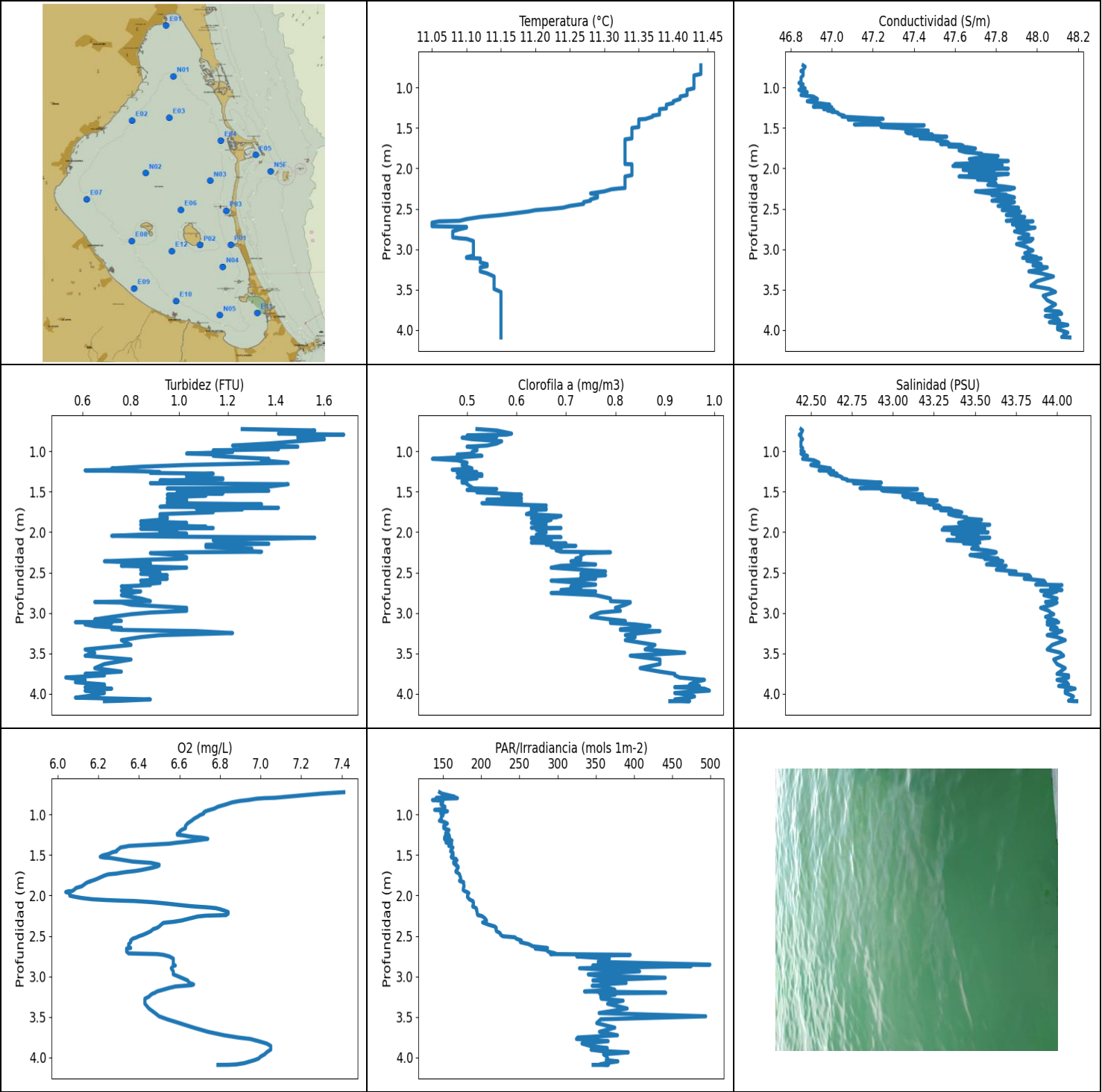
|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.519 | 11.24 | 47.81 | 0.0  | 6.05 | 337.13 | 0.64 | 43.65 |
| 1.534 | 11.24 | 47.79 | 0.0  | 6.05 | 566.85 | 0.64 | 43.63 |
| 1.546 | 11.24 | 47.79 | 0.0  | 6.06 | 326.36 | 0.6  | 43.62 |
| 1.554 | 11.24 | 47.81 | 0.0  | 6.08 | 1552.9 | 0.59 | 43.64 |
| 1.559 | 11.24 | 47.81 | 0.0  | 6.09 | 363.92 | 0.62 | 43.65 |
| 1.562 | 11.23 | 47.79 | 0.0  | 6.1  | 364.85 | 0.63 | 43.64 |
| 1.566 | 11.23 | 47.81 | 0.0  | 6.11 | 623.36 | 0.63 | 43.65 |
| 1.575 | 11.24 | 47.82 | 0.0  | 6.14 | 361.23 | 0.6  | 43.66 |
| 1.585 | 11.24 | 47.8  | 0.0  | 6.17 | 480.62 | 0.59 | 43.64 |
| 1.599 | 11.24 | 47.81 | 0.0  | 6.22 | 291.86 | 0.62 | 43.65 |
| 1.61  | 11.24 | 47.82 | 0.0  | 6.27 | 1668.2 | 0.57 | 43.65 |
| 1.617 | 11.24 | 47.81 | 0.0  | 6.33 | 530.99 | 0.63 | 43.64 |
| 1.623 | 11.24 | 47.81 | 0.0  | 6.39 | 408.83 | 0.56 | 43.64 |
| 1.626 | 11.24 | 47.82 | 0.0  | 6.45 | 372.89 | 0.56 | 43.65 |
| 1.634 | 11.25 | 47.82 | 0.0  | 6.5  | 456.41 | 0.62 | 43.65 |
| 1.643 | 11.25 | 47.81 | 0.0  | 6.53 | 287.17 | 0.66 | 43.64 |
| 1.644 | 11.25 | 47.82 | 0.0  | 6.55 | 412.44 | 0.63 | 43.64 |
| 1.648 | 11.25 | 47.81 | 0.0  | 6.53 | 1779.6 | 0.58 | 43.64 |
| 1.656 | 11.25 | 47.81 | 0.0  | 6.52 | 529.88 | 0.63 | 43.64 |
| 1.663 | 11.25 | 47.82 | 0.0  | 6.5  | 387.69 | 0.6  | 43.64 |
| 1.673 | 11.26 | 47.82 | 0.0  | 6.47 | 645.26 | 0.61 | 43.64 |
| 1.684 | 11.26 | 47.82 | 0.0  | 6.44 | 757.34 | 0.59 | 43.63 |
| 1.691 | 11.26 | 47.82 | 0.0  | 6.41 | 366.8  | 0.61 | 43.63 |
| 1.695 | 11.26 | 47.83 | 0.0  | 6.38 | 480.06 | 0.63 | 43.64 |
| 1.702 | 11.27 | 47.83 | 0.0  | 6.34 | 1022.0 | 0.66 | 43.63 |
| 1.712 | 11.27 | 47.82 | 0.0  | 6.3  | 390.04 | 0.66 | 43.61 |
| 1.723 | 11.28 | 47.81 | 0.0  | 6.27 | 344.47 | 0.61 | 43.61 |
| 1.733 | 11.28 | 47.83 | 0.0  | 6.24 | 1153.7 | 0.63 | 43.62 |
| 1.743 | 11.29 | 47.83 | 0.0  | 6.21 | 333.24 | 0.63 | 43.61 |
| 1.757 | 11.29 | 47.82 | 0.72 | 6.16 | 774.2  | 0.63 | 43.6  |
| 1.762 | 11.3  | 47.84 | 0.0  | 6.13 | 463.98 | 0.63 | 43.61 |
| 1.769 | 11.31 | 47.83 | 0.0  | 6.11 | 463.23 | 0.59 | 43.59 |
| 1.779 | 11.32 | 47.83 | 0.0  | 6.09 | 905.73 | 0.63 | 43.57 |
| 1.787 | 11.32 | 47.83 | 0.61 | 6.07 | 928.48 | 0.66 | 43.57 |
| 1.79  | 11.33 | 47.84 | 0.0  | 6.05 | 685.34 | 0.63 | 43.57 |
| 1.794 | 11.35 | 47.83 | 0.0  | 6.03 | 345.59 | 0.66 | 43.54 |
| 1.799 | 11.35 | 47.84 | 0.0  | 6.01 | 891.98 | 0.65 | 43.54 |
| 1.807 | 11.37 | 47.85 | 0.0  | 5.99 | 785.04 | 0.66 | 43.53 |
| 1.824 | 11.38 | 47.84 | 0.0  | 5.96 | 320.14 | 0.65 | 43.51 |
| 1.833 | 11.39 | 47.85 | 0.0  | 5.94 | 597.2  | 0.67 | 43.51 |
| 1.84  | 11.39 | 47.84 | 0.0  | 5.92 | 891.98 | 0.63 | 43.5  |
| 1.842 | 11.4  | 47.83 | 0.0  | 5.9  | 598.17 | 0.69 | 43.49 |
| 1.849 | 11.39 | 47.85 | 0.0  | 5.88 | 658.86 | 0.69 | 43.5  |
| 1.861 | 11.4  | 47.87 | 0.23 | 5.87 | 742.74 | 0.6  | 43.52 |
| 1.871 | 11.42 | 47.85 | 0.0  | 5.85 | 393.31 | 0.68 | 43.48 |
| 1.879 | 11.42 | 47.85 | 0.0  | 5.84 | 486.9  | 0.64 | 43.47 |
| 1.886 | 11.43 | 47.87 | 0.0  | 5.83 | 396.42 | 0.64 | 43.49 |
| 1.897 | 11.46 | 47.87 | 0.69 | 5.84 | 659.78 | 0.64 | 43.45 |
| 1.919 | 11.47 | 47.85 | 0.0  | 5.88 | 509.52 | 0.64 | 43.42 |
| 1.929 | 11.48 | 47.87 | 0.0  | 5.9  | 446.88 | 0.6  | 43.43 |
| 1.933 | 11.5  | 47.91 | 0.0  | 5.94 | 338.3  | 0.65 | 43.44 |
| 1.934 | 11.51 | 47.92 | 0.0  | 5.94 | 1943.4 | 0.64 | 43.44 |
| 1.939 | 11.52 | 47.89 | 0.0  | 5.93 | 352.22 | 0.61 | 43.4  |
| 1.949 | 11.52 | 47.92 | 0.0  | 5.92 | 556.05 | 0.63 | 43.43 |
| 1.959 | 11.53 | 47.95 | 0.15 | 5.92 | 634.0  | 0.57 | 43.45 |
| 1.971 | 11.54 | 47.9  | 0.0  | 5.91 | 852.37 | 0.6  | 43.38 |
| 1.981 | 11.54 | 47.89 | 0.04 | 5.9  | 806.81 | 0.6  | 43.37 |
| 1.989 | 11.55 | 47.9  | 0.0  | 5.9  | 356.57 | 0.59 | 43.38 |



|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.994 | 11.56 | 47.96 | 0.0  | 5.86 | 462.8  | 0.6  | 43.42 |
| 1.996 | 11.57 | 47.95 | 1.11 | 5.85 | 569.09 | 0.6  | 43.4  |
| 2.0   | 11.57 | 47.96 | 0.0  | 5.83 | 1012.3 | 0.61 | 43.42 |
| 2.007 | 11.57 | 48.0  | 0.11 | 5.82 | 403.74 | 0.56 | 43.46 |
| 2.022 | 11.57 | 48.02 | 0.23 | 5.81 | 658.56 | 0.6  | 43.47 |
| 2.046 | 11.57 | 48.01 | 0.57 | 5.76 | 611.06 | 0.58 | 43.46 |
| 2.052 | 11.57 | 47.98 | 0.08 | 5.76 | 499.12 | 0.55 | 43.44 |
| 2.066 | 11.57 | 48.03 | 0.15 | 5.77 | 727.41 | 0.58 | 43.49 |
| 2.083 | 11.58 | 48.05 | 0.76 | 5.77 | 395.04 | 0.56 | 43.49 |
| 2.093 | 11.58 | 48.02 | 1.18 | 5.79 | 698.17 | 0.6  | 43.46 |
| 2.1   | 11.58 | 48.04 | 1.22 | 5.8  | 637.24 | 0.57 | 43.48 |
| 2.105 | 11.58 | 48.09 | 0.88 | 5.8  | 606.82 | 0.53 | 43.53 |
| 2.115 | 11.59 | 48.08 | 0.53 | 5.81 | 397.15 | 0.55 | 43.51 |
| 2.126 | 11.59 | 48.02 | 0.92 | 5.81 | 911.84 | 0.53 | 43.45 |
| 2.139 | 11.59 | 48.01 | 0.0  | 5.8  | 349.13 | 0.56 | 43.44 |
| 2.144 | 11.6  | 48.08 | 0.46 | 5.79 | 404.59 | 0.54 | 43.5  |
| 2.146 | 11.6  | 48.19 | 1.03 | 5.78 | 848.23 | 0.54 | 43.61 |
| 2.151 | 11.6  | 48.11 | 0.0  | 5.79 | 488.48 | 0.55 | 43.53 |
| 2.156 | 11.61 | 48.18 | 0.42 | 5.8  | 412.63 | 0.53 | 43.59 |
| 2.165 | 11.61 | 48.29 | 0.11 | 5.82 | 1262.2 | 0.55 | 43.7  |
| 2.179 | 11.62 | 48.2  | 0.0  | 5.85 | 392.3  | 0.5  | 43.6  |
| 2.192 | 11.62 | 48.16 | 0.0  | 5.88 | 635.91 | 0.56 | 43.56 |
| 2.207 | 11.62 | 48.34 | 0.3  | 5.91 | 490.98 | 0.54 | 43.74 |
| 2.22  | 11.62 | 48.35 | 0.8  | 5.93 | 649.16 | 0.53 | 43.75 |
| 2.229 | 11.62 | 48.31 | 0.04 | 5.96 | 396.51 | 0.51 | 43.71 |
| 2.239 | 11.62 | 48.42 | 0.38 | 5.98 | 424.86 | 0.53 | 43.82 |
| 2.256 | 11.62 | 48.5  | 0.27 | 6.0  | 462.48 | 0.53 | 43.91 |
| 2.276 | 11.62 | 48.47 | 0.27 | 6.02 | 1111.2 | 0.53 | 43.88 |
| 2.29  | 11.61 | 48.51 | 0.69 | 6.05 | 665.93 | 0.49 | 43.92 |
| 2.297 | 11.61 | 48.54 | 0.27 | 6.09 | 505.41 | 0.6  | 43.96 |
| 2.305 | 11.61 | 48.57 | 0.57 | 6.14 | 410.54 | 0.51 | 43.99 |
| 2.315 | 11.61 | 48.58 | 1.03 | 6.19 | 536.18 | 0.52 | 44.0  |
| 2.327 | 11.61 | 48.59 | 0.42 | 6.24 | 392.3  | 0.5  | 44.01 |
| 2.342 | 11.6  | 48.59 | 0.23 | 6.31 | 584.6  | 0.5  | 44.01 |
| 2.356 | 11.6  | 48.59 | 0.42 | 6.38 | 753.84 | 0.52 | 44.02 |
| 2.365 | 11.59 | 48.6  | 0.3  | 6.45 | 464.73 | 0.53 | 44.04 |
| 2.37  | 11.59 | 48.6  | 0.65 | 6.53 | 487.69 | 0.56 | 44.05 |
| 2.376 | 11.58 | 48.6  | 0.72 | 6.61 | 549.13 | 0.5  | 44.05 |
| 2.385 | 11.58 | 48.61 | 0.38 | 6.68 | 460.34 | 0.53 | 44.06 |
| 2.4   | 11.58 | 48.61 | 0.57 | 6.75 | 384.29 | 0.49 | 44.06 |
| 2.414 | 11.57 | 48.6  | 0.72 | 6.83 | 661.77 | 0.54 | 44.07 |
| 2.421 | 11.57 | 48.6  | 0.61 | 6.89 | 1078.9 | 0.53 | 44.07 |
| 2.426 | 11.57 | 48.61 | 0.23 | 6.96 | 598.86 | 0.48 | 44.08 |
| 2.433 | 11.56 | 48.61 | 0.76 | 7.03 | 430.01 | 0.49 | 44.08 |
| 2.438 | 11.56 | 48.61 | 0.53 | 7.09 | 389.95 | 0.56 | 44.08 |
| 2.444 | 11.56 | 48.61 | 0.0  | 7.16 | 660.39 | 0.5  | 44.08 |
| 2.451 | 11.56 | 48.61 | 0.5  | 7.23 | 390.4  | 0.51 | 44.09 |
| 2.463 | 11.56 | 48.61 | 0.27 | 7.28 | 321.93 | 0.5  | 44.09 |
| 2.478 | 11.56 | 48.61 | 0.53 | 7.33 | 675.1  | 0.53 | 44.09 |
| 2.497 | 11.55 | 48.61 | 0.46 | 7.37 | 365.11 | 0.48 | 44.09 |
| 2.512 | 11.55 | 48.61 | 0.5  | 7.41 | 490.98 | 0.53 | 44.09 |
| 2.517 | 11.55 | 48.61 | 0.65 | 7.44 | 370.82 | 0.53 | 44.09 |
| 2.519 | 11.55 | 48.61 | 0.57 | 7.48 | 333.09 | 0.53 | 44.1  |
| 2.527 | 11.55 | 48.61 | 0.61 | 7.51 | 695.75 | 0.54 | 44.1  |
| 2.535 | 11.55 | 48.61 | 0.61 | 7.55 | 366.8  | 0.55 | 44.1  |
| 2.543 | 11.55 | 48.61 | 0.46 | 7.59 | 291.39 | 0.55 | 44.1  |
| 2.556 | 11.55 | 48.61 | 0.46 | 7.64 | 403.37 | 0.53 | 44.1  |
| 2.57  | 11.55 | 48.61 | 0.5  | 7.69 | 545.46 | 0.56 | 44.1  |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.581 | 11.54 | 48.61 | 0.61 | 7.75 | 343.51 | 0.51 | 44.1  |
| 2.593 | 11.54 | 48.61 | 0.69 | 7.8  | 328.79 | 0.5  | 44.1  |
| 2.603 | 11.54 | 48.61 | 0.46 | 7.83 | 572.93 | 0.54 | 44.1  |
| 2.614 | 11.54 | 48.6  | 0.65 | 7.87 | 452.61 | 0.54 | 44.11 |
| 2.625 | 11.54 | 48.6  | 0.46 | 7.9  | 346.23 | 0.53 | 44.11 |
| 2.63  | 11.53 | 48.6  | 0.69 | 7.99 | 404.68 | 0.53 | 44.11 |
| 2.655 | 11.53 | 48.6  | 0.5  | 8.02 | 328.94 | 0.51 | 44.11 |
| 2.695 | 11.53 | 48.6  | 0.61 | 8.05 | 817.16 | 0.52 | 44.11 |
| 2.736 | 11.53 | 48.6  | 0.5  | 8.06 | 417.73 | 0.52 | 44.11 |
| 2.787 | 11.53 | 48.6  | 0.53 | 8.04 | 546.59 | 0.5  | 44.11 |
| 2.835 | 11.53 | 48.59 | 0.53 | 8.02 | 556.31 | 0.51 | 44.11 |
| 2.892 | 11.52 | 48.59 | 0.53 | 7.99 | 537.55 | 0.54 | 44.11 |
| 2.944 | 11.52 | 48.58 | 0.53 | 7.96 | 378.55 | 0.53 | 44.11 |
| 2.993 | 11.51 | 48.58 | 0.53 | 7.94 | 609.78 | 0.49 | 44.12 |
| 3.035 | 11.5  | 48.58 | 0.38 | 7.92 | 494.75 | 0.52 | 44.12 |
| 3.071 | 11.49 | 48.57 | 0.42 | 7.91 | 591.82 | 0.51 | 44.13 |
| 3.089 | 11.48 | 48.56 | 0.53 | 7.93 | 731.63 | 0.53 | 44.14 |
| 3.094 | 11.47 | 48.56 | 0.57 | 7.96 | 355.5  | 0.53 | 44.15 |
| 3.102 | 11.45 | 48.55 | 0.46 | 8.01 | 437.55 | 0.5  | 44.16 |
| 3.13  | 11.45 | 48.56 | 0.3  | 8.05 | 516.78 | 0.54 | 44.17 |
| 3.182 | 11.45 | 48.56 | 0.46 | 8.1  | 363.25 | 0.53 | 44.17 |
| 3.245 | 11.44 | 48.55 | 0.46 | 8.15 | 481.84 | 0.58 | 44.16 |
| 3.302 | 11.44 | 48.54 | 0.57 | 8.2  | 779.97 | 0.53 | 44.16 |
| 3.346 | 11.43 | 48.51 | 0.38 | 8.24 | 483.3  | 0.53 | 44.14 |
| 3.383 | 11.41 | 48.48 | 0.5  | 8.25 | 439.49 | 0.56 | 44.13 |
| 3.424 | 11.39 | 48.47 | 0.53 | 8.28 | 351.32 | 0.54 | 44.14 |
| 3.46  | 11.37 | 48.45 | 0.46 | 8.27 | 407.79 | 0.5  | 44.15 |
| 3.5   | 11.35 | 48.44 | 0.53 | 8.26 | 393.21 | 0.54 | 44.16 |
| 3.537 | 11.34 | 48.44 | 0.53 | 8.24 | 368.34 | 0.53 | 44.18 |
| 3.569 | 11.32 | 48.43 | 0.61 | 8.23 | 611.2  | 0.58 | 44.18 |
| 3.626 | 11.31 | 48.42 | 0.69 | 8.22 | 410.82 | 0.56 | 44.19 |
| 3.697 | 11.31 | 48.41 | 0.5  | 8.24 | 338.14 | 0.53 | 44.19 |
| 3.758 | 11.3  | 48.39 | 0.42 | 8.26 | 405.24 | 0.56 | 44.18 |
| 3.809 | 11.28 | 48.4  | 0.46 | 8.28 | 482.51 | 0.55 | 44.2  |
| 3.854 | 11.27 | 48.43 | 0.61 | 8.32 | 370.48 | 0.54 | 44.25 |
| 3.903 | 11.28 | 48.46 | 0.57 | 8.36 | 372.97 | 0.64 | 44.27 |
| 3.959 | 11.29 | 48.52 | 0.69 | 8.38 | 509.88 | 0.61 | 44.32 |
| 4.017 | 11.32 | 48.6  | 0.46 | 8.41 | 378.64 | 0.58 | 44.37 |
| 4.075 | 11.35 | 48.64 | 0.57 | 8.43 | 348.16 | 0.56 | 44.36 |
| 4.123 | 11.38 | 48.67 | 0.57 | 8.46 | 498.89 | 0.62 | 44.36 |
| 4.163 | 11.41 | 48.7  | 0.61 | 8.48 | 487.23 | 0.66 | 44.36 |
| 4.204 | 11.43 | 48.7  | 0.5  | 8.49 | 373.93 | 0.61 | 44.33 |
| 4.25  | 11.44 | 48.7  | 0.61 | 8.5  | 382.52 | 0.55 | 44.32 |
| 4.294 | 11.45 | 48.71 | 0.65 | 8.49 | 436.95 | 0.55 | 44.32 |
| 4.327 | 11.46 | 48.74 | 0.57 | 8.48 | 335.8  | 0.57 | 44.34 |
| 4.355 | 11.47 | 48.77 | 0.65 | 8.44 | 431.11 | 0.55 | 44.36 |
| 4.38  | 11.48 | 48.77 | 0.61 | 8.41 | 386.26 | 0.66 | 44.34 |
| 4.404 | 11.5  | 48.79 | 0.69 | 8.37 | 351.9  | 0.6  | 44.34 |
| 4.421 | 11.51 | 48.77 | 0.53 | 8.33 | 372.2  | 0.55 | 44.32 |
| 4.435 | 11.51 | 48.77 | 0.46 | 8.28 | 424.86 | 0.55 | 44.32 |
| 4.453 | 11.51 | 48.78 | 0.65 | 8.25 | 377.41 | 0.57 | 44.32 |
| 4.473 | 11.51 | 48.78 | 0.61 | 8.21 | 349.13 | 0.56 | 44.33 |
| 4.486 | 11.51 | 48.78 | 0.72 | 8.19 | 322.6  | 0.6  | 44.32 |
| 4.49  | 11.51 | 48.78 | 0.57 | 8.19 | 369.45 | 0.57 | 44.32 |
| 4.497 | 11.51 | 48.78 | 0.65 | 8.18 | 437.55 | 0.61 | 44.32 |
| 4.519 | 11.51 | 48.78 | 0.53 | 8.2  | 354.93 | 0.6  | 44.33 |
| 4.551 | 11.51 | 48.79 | 0.5  | 8.22 | 385.72 | 0.6  | 44.33 |
| 4.586 | 11.51 | 48.8  | 0.5  | 8.22 | 400.85 | 0.6  | 44.34 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.616 | 11.51 | 48.79 | 0.46 | 8.23 | 349.86 | 0.57 | 44.32 |
| 4.636 | 11.51 | 48.79 | 0.5  | 8.23 | 349.62 | 0.62 | 44.33 |
| 4.643 | 11.52 | 48.79 | 0.65 | 8.23 | 361.9  | 0.58 | 44.33 |
| 4.646 | 11.52 | 48.79 | 0.57 | 8.23 | 373.15 | 0.59 | 44.32 |
| 4.656 | 11.51 | 48.79 | 0.5  | 8.22 | 372.71 | 0.63 | 44.33 |
| 4.676 | 11.51 | 48.79 | 0.46 | 8.21 | 383.76 | 0.59 | 44.33 |
| 4.696 | 11.52 | 48.79 | 0.5  | 8.21 | 333.55 | 0.62 | 44.33 |
| 4.712 | 11.52 | 48.79 | 0.5  | 8.22 | 344.71 | 0.59 | 44.33 |
| 4.728 | 11.52 | 48.8  | 0.57 | 8.23 | 377.32 | 0.67 | 44.33 |
| 4.746 | 11.52 | 48.79 | 0.5  | 8.24 | 349.94 | 0.7  | 44.33 |
| 4.766 | 11.52 | 48.79 | 0.53 | 8.25 | 327.73 | 0.68 | 44.33 |
| 4.786 | 11.52 | 48.79 | 0.57 | 8.27 | 341.85 | 0.6  | 44.33 |
| 4.808 | 11.52 | 48.79 | 0.38 | 8.29 | 393.85 | 0.57 | 44.32 |
| 4.831 | 11.51 | 48.79 | 0.57 | 8.29 | 349.78 | 0.59 | 44.32 |
| 4.858 | 11.51 | 48.78 | 0.61 | 8.29 | 354.27 | 0.66 | 44.31 |
| 4.883 | 11.51 | 48.77 | 0.53 | 8.28 | 344.79 | 0.67 | 44.31 |
| 4.908 | 11.5  | 48.77 | 0.3  | 8.27 | 323.87 | 0.66 | 44.32 |
| 4.933 | 11.5  | 48.76 | 0.57 | 8.27 | 330.86 | 0.68 | 44.32 |
| 4.962 | 11.49 | 48.76 | 0.65 | 8.27 | 343.67 | 0.67 | 44.32 |
| 4.983 | 11.49 | 48.76 | 0.53 | 8.27 | 321.63 | 0.64 | 44.32 |
| 4.994 | 11.5  | 48.77 | 0.38 | 8.28 | 309.13 | 0.7  | 44.32 |
| 4.995 | 11.5  | 48.77 | 0.42 | 8.27 | 338.61 | 0.69 | 44.33 |
| 5.009 | 11.5  | 48.77 | 0.57 | 8.26 | 405.62 | 0.66 | 44.33 |
| 5.042 | 11.5  | 48.77 | 0.38 | 8.26 | 339.48 | 0.68 | 44.33 |
| 5.068 | 11.5  | 48.78 | 0.46 | 8.26 | 300.93 | 0.68 | 44.33 |
| 5.08  | 11.5  | 48.78 | 0.38 | 8.26 | 346.23 | 0.72 | 44.33 |
| 5.084 | 11.5  | 48.78 | 0.53 | 8.26 | 366.46 | 0.7  | 44.33 |
| 5.088 | 11.51 | 48.78 | 0.72 | 8.26 | 347.84 | 0.68 | 44.33 |
| 5.108 | 11.51 | 48.78 | 0.57 | 8.25 | 313.53 | 0.7  | 44.32 |
| 5.141 | 11.5  | 48.78 | 0.5  | 8.26 | 317.48 | 0.68 | 44.33 |
| 5.171 | 11.5  | 48.78 | 0.5  | 8.26 | 323.35 | 0.75 | 44.32 |
| 5.187 | 11.5  | 48.77 | 0.53 | 8.25 | 306.78 | 0.68 | 44.32 |
| 5.197 | 11.5  | 48.77 | 0.42 | 8.25 | 315.87 | 0.67 | 44.32 |
| 5.205 | 11.5  | 48.77 | 0.46 | 8.26 | 313.97 | 0.75 | 44.32 |
| 5.213 | 11.5  | 48.77 | 0.46 | 8.27 | 334.32 | 0.72 | 44.32 |
| 5.228 | 11.5  | 48.77 | 0.42 | 8.28 | 307.35 | 0.77 | 44.32 |
| 5.252 | 11.5  | 48.77 | 0.46 | 8.29 | 284.91 | 0.78 | 44.33 |
| 5.283 | 11.5  | 48.78 | 0.46 | 8.3  | 313.24 | 0.73 | 44.33 |
| 5.307 | 11.5  | 48.78 | 0.46 | 8.3  | 327.42 | 0.72 | 44.33 |
| 5.324 | 11.5  | 48.78 | 0.46 | 8.3  | 273.72 | 0.79 | 44.33 |
| 5.334 | 11.5  | 48.78 | 0.46 | 8.3  | 270.5  | 0.72 | 44.33 |
| 5.338 | 11.5  | 48.78 | 0.5  | 8.29 | 327.8  | 0.76 | 44.33 |
| 5.361 | 11.5  | 48.78 | 0.38 | 8.29 | 309.92 | 0.76 | 44.33 |
| 5.399 | 11.5  | 48.78 | 0.46 | 8.29 | 327.04 | 0.76 | 44.33 |
| 5.442 | 11.5  | 48.78 | 0.34 | 8.28 | 313.39 | 0.77 | 44.33 |
| 5.487 | 11.51 | 48.78 | 0.42 | 8.29 | 302.33 | 0.79 | 44.33 |
| 5.537 | 11.51 | 48.78 | 0.34 | 8.29 | 320.44 | 0.83 | 44.33 |
| 5.589 | 11.51 | 48.78 | 0.38 | 8.3  | 318.81 | 0.81 | 44.32 |
| 5.638 | 11.51 | 48.78 | 0.61 | 8.3  | 298.02 | 0.82 | 44.33 |
| 5.681 | 11.51 | 48.78 | 0.3  | 8.3  | 300.93 | 0.84 | 44.33 |
| 5.725 | 11.51 | 48.79 | 0.38 | 8.3  | 314.77 | 0.81 | 44.33 |
| 5.772 | 11.51 | 48.78 | 0.42 | 8.3  | 268.38 | 0.8  | 44.33 |
| 5.823 | 11.51 | 48.78 | 0.3  | 8.29 | 258.67 | 0.85 | 44.32 |
| 5.858 | 11.5  | 48.79 | 0.5  | 8.29 | 296.43 | 0.83 | 44.33 |
| 5.868 | 11.51 | 48.79 | 0.57 | 8.29 | 277.36 | 0.79 | 44.33 |
| 5.871 | 11.51 | 48.79 | 0.57 | 8.29 | 266.45 | 0.82 | 44.33 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.05      | 46.84               | 0.53           | 6.04           | 135.83                      | 0.43              | 42.43           |
| PROF (metros)                                                                | 2.671      | 0.943               | 3.798          | 1.957          | 0.821                       | 1.093             | 0.794           |
| MÁXIMO                                                                       | 11.44      | 11.44               | 1.68           | 7.41           | 499.7                       | 0.99              | 44.12           |
| PROF (metros)                                                                | 0.725      | 4.091               | 0.794          | 0.725          | 2.853                       | 3.96              | 4.091           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E11 - Punto 017                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.43      | 46.86               | 1.44           | 6.93           | 149.76                      | 0.54              | 42.44           |
| 1 - 2m                                                     | 11.36      | 47.32               | 1.05           | 6.4            | 163.26                      | 0.56              | 43.0            |
| 2 - 3m                                                     | 11.23      | 47.85               | 0.97           | 6.5            | 249.33                      | 0.72              | 43.7            |
| 3 - 4m                                                     | 11.13      | 48.03               | 0.72           | 6.69           | 368.06                      | 0.87              | 44.01           |
| 4 - 5m                                                     | 11.15      | 48.14               | 0.69           | 6.9            | 362.91                      | 0.94              | 44.09           |

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

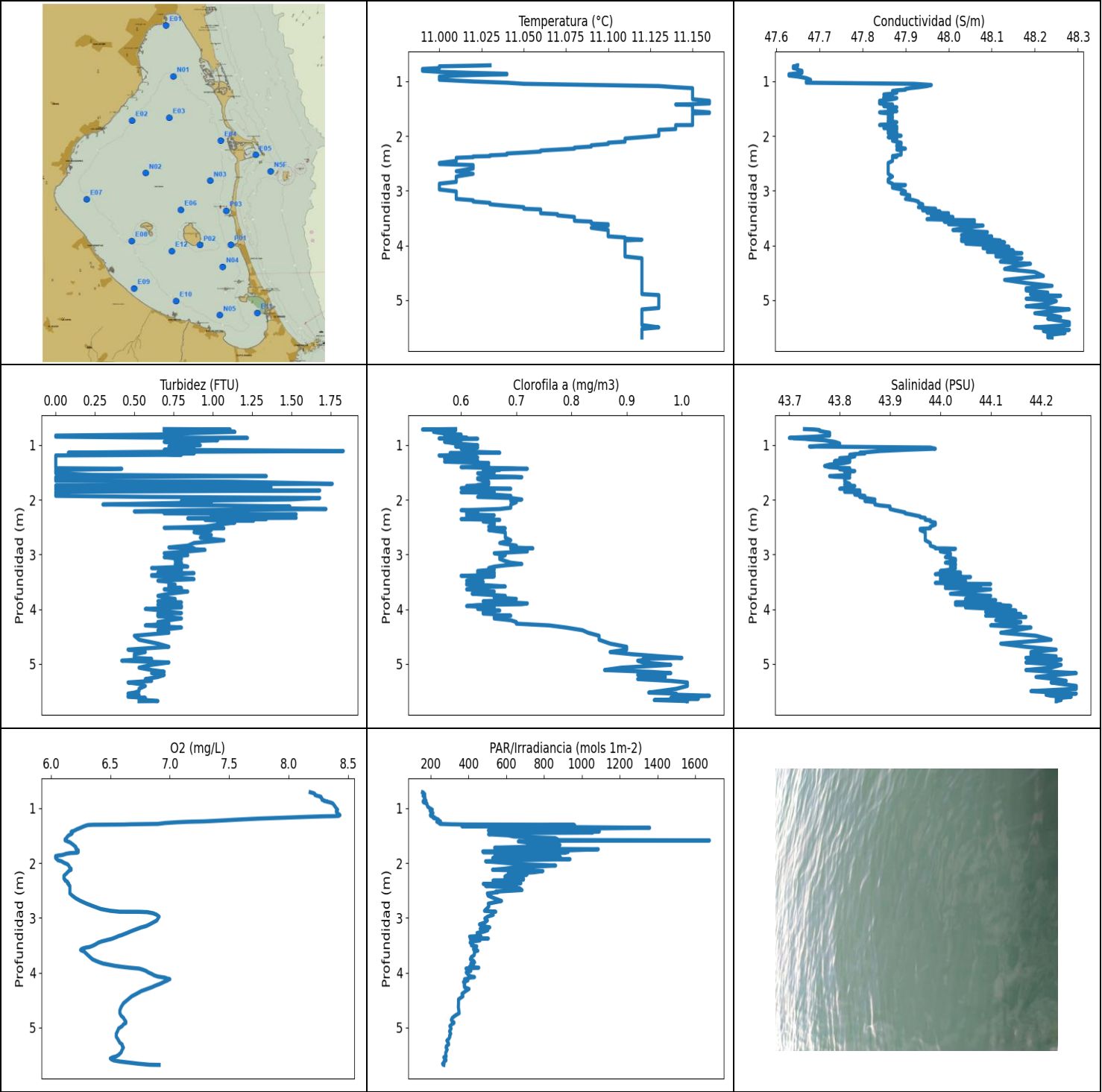
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.725                                                          | 11.44      | 46.86               | 1.26           | 7.41           | 145.18                      | 0.52              | 42.44           |
| 0.742                                                          | 11.44      | 46.87               | 1.56           | 7.3            | 148.27                      | 0.56              | 42.45           |
| 0.781                                                          | 11.44      | 46.86               | 1.41           | 7.13           | 164.88                      | 0.59              | 42.44           |
| 0.794                                                          | 11.44      | 46.85               | 1.68           | 7.07           | 140.8                       | 0.58              | 42.43           |
| 0.798                                                          | 11.44      | 46.85               | 1.56           | 7.02           | 168.59                      | 0.53              | 42.43           |
| 0.805                                                          | 11.44      | 46.86               | 1.6            | 6.98           | 151.85                      | 0.5               | 42.44           |
| 0.821                                                          | 11.44      | 46.86               | 1.49           | 6.94           | 135.83                      | 0.56              | 42.44           |
| 0.832                                                          | 11.44      | 46.86               | 1.49           | 6.9            | 149.55                      | 0.49              | 42.44           |
| 0.85                                                           | 11.43      | 46.86               | 1.6            | 6.86           | 149.1                       | 0.51              | 42.45           |
| 0.875                                                          | 11.43      | 46.85               | 1.49           | 6.83           | 146.9                       | 0.57              | 42.44           |
| 0.904                                                          | 11.43      | 46.85               | 1.37           | 6.79           | 152.17                      | 0.56              | 42.44           |
| 0.929                                                          | 11.43      | 46.85               | 1.22           | 6.77           | 151.82                      | 0.54              | 42.44           |
| 0.943                                                          | 11.43      | 46.84               | 1.49           | 6.75           | 138.7                       | 0.5               | 42.44           |
| 0.959                                                          | 11.43      | 46.86               | 1.26           | 6.73           | 155.49                      | 0.52              | 42.45           |
| 0.974                                                          | 11.43      | 46.85               | 1.41           | 6.72           | 150.38                      | 0.52              | 42.45           |
| 0.988                                                          | 11.43      | 46.85               | 1.14           | 6.72           | 146.73                      | 0.52              | 42.44           |
| 1.009                                                          | 11.43      | 46.87               | 1.22           | 6.7            | 149.79                      | 0.51              | 42.46           |
| 1.028                                                          | 11.42      | 46.84               | 1.03           | 6.69           | 147.52                      | 0.51              | 42.44           |
| 1.04                                                           | 11.42      | 46.85               | 1.18           | 6.68           | 147.35                      | 0.48              | 42.45           |
| 1.056                                                          | 11.42      | 46.88               | 1.14           | 6.67           | 147.48                      | 0.53              | 42.48           |
| 1.077                                                          | 11.42      | 46.86               | 1.26           | 6.66           | 144.91                      | 0.48              | 42.46           |
| 1.093                                                          | 11.42      | 46.85               | 1.37           | 6.65           | 151.54                      | 0.43              | 42.45           |
| 1.111                                                          | 11.41      | 46.91               | 1.34           | 6.64           | 155.38                      | 0.48              | 42.52           |
| 1.141                                                          | 11.41      | 46.93               | 1.45           | 6.63           | 150.56                      | 0.5               | 42.55           |
| 1.169                                                          | 11.4       | 46.88               | 1.03           | 6.63           | 150.7                       | 0.49              | 42.5            |
| 1.191                                                          | 11.4       | 46.93               | 0.84           | 6.61           | 157.55                      | 0.5               | 42.56           |
| 1.212                                                          | 11.39      | 46.99               | 0.72           | 6.6            | 154.55                      | 0.51              | 42.62           |
| 1.227                                                          | 11.39      | 46.94               | 0.76           | 6.6            | 153.2                       | 0.47              | 42.57           |
| 1.236                                                          | 11.39      | 46.91               | 0.61           | 6.59           | 155.05                      | 0.5               | 42.55           |
| 1.244                                                          | 11.39      | 47.0                | 0.8            | 6.59           | 157.08                      | 0.5               | 42.64           |
| 1.25                                                           | 11.39      | 46.99               | 0.88           | 6.59           | 153.13                      | 0.51              | 42.63           |
| 1.258                                                          | 11.39      | 46.97               | 0.92           | 6.62           | 156.1                       | 0.52              | 42.62           |
| 1.267                                                          | 11.38      | 46.96               | 0.88           | 6.64           | 158.1                       | 0.48              | 42.61           |
| 1.277                                                          | 11.38      | 47.01               | 1.14           | 6.67           | 151.82                      | 0.5               | 42.66           |
| 1.286                                                          | 11.38      | 46.98               | 1.07           | 6.71           | 152.95                      | 0.53              | 42.62           |
| 1.294                                                          | 11.38      | 47.01               | 1.03           | 6.73           | 158.58                      | 0.49              | 42.66           |
| 1.3                                                            | 11.38      | 47.0                | 1.03           | 6.74           | 155.2                       | 0.51              | 42.65           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.304 | 11.38 | 47.02 | 1.03 | 6.73 | 151.61 | 0.53 | 42.67 |
| 1.311 | 11.38 | 47.03 | 1.07 | 6.71 | 157.26 | 0.5  | 42.68 |
| 1.321 | 11.38 | 47.03 | 1.03 | 6.68 | 161.47 | 0.48 | 42.69 |
| 1.334 | 11.38 | 47.04 | 1.18 | 6.64 | 153.55 | 0.52 | 42.69 |
| 1.347 | 11.37 | 47.06 | 1.18 | 6.59 | 153.62 | 0.5  | 42.72 |
| 1.36  | 11.37 | 47.05 | 0.92 | 6.55 | 160.95 | 0.49 | 42.72 |
| 1.388 | 11.36 | 47.25 | 1.14 | 6.35 | 157.26 | 0.49 | 42.93 |
| 1.394 | 11.35 | 47.08 | 0.88 | 6.34 | 159.83 | 0.5  | 42.76 |
| 1.407 | 11.35 | 47.2  | 1.45 | 6.31 | 162.67 | 0.5  | 42.89 |
| 1.447 | 11.35 | 47.24 | 1.34 | 6.29 | 159.76 | 0.51 | 42.93 |
| 1.456 | 11.35 | 47.11 | 1.18 | 6.29 | 159.65 | 0.51 | 42.8  |
| 1.46  | 11.35 | 47.28 | 0.95 | 6.28 | 160.84 | 0.52 | 42.97 |
| 1.466 | 11.35 | 47.45 | 1.22 | 6.27 | 162.45 | 0.56 | 43.15 |
| 1.477 | 11.35 | 47.24 | 1.18 | 6.26 | 162.83 | 0.5  | 42.93 |
| 1.488 | 11.35 | 47.24 | 1.37 | 6.25 | 162.37 | 0.53 | 42.94 |
| 1.5   | 11.34 | 47.33 | 1.03 | 6.23 | 162.86 | 0.54 | 43.03 |
| 1.508 | 11.34 | 47.36 | 0.99 | 6.22 | 161.21 | 0.52 | 43.07 |
| 1.522 | 11.34 | 47.39 | 1.18 | 6.21 | 160.47 | 0.57 | 43.09 |
| 1.532 | 11.34 | 47.47 | 0.99 | 6.23 | 161.17 | 0.6  | 43.18 |
| 1.536 | 11.34 | 47.47 | 0.95 | 6.26 | 161.73 | 0.61 | 43.18 |
| 1.548 | 11.34 | 47.36 | 1.11 | 6.29 | 166.64 | 0.57 | 43.06 |
| 1.565 | 11.34 | 47.37 | 0.99 | 6.33 | 168.0  | 0.6  | 43.07 |
| 1.581 | 11.34 | 47.49 | 0.95 | 6.37 | 164.42 | 0.61 | 43.19 |
| 1.59  | 11.34 | 47.4  | 0.95 | 6.42 | 163.54 | 0.6  | 43.11 |
| 1.597 | 11.34 | 47.48 | 1.03 | 6.46 | 163.62 | 0.54 | 43.19 |
| 1.608 | 11.34 | 47.56 | 0.99 | 6.48 | 164.15 | 0.6  | 43.27 |
| 1.619 | 11.34 | 47.49 | 1.03 | 6.5  | 167.53 | 0.61 | 43.2  |
| 1.629 | 11.34 | 47.43 | 0.95 | 6.5  | 166.41 | 0.58 | 43.15 |
| 1.641 | 11.33 | 47.53 | 0.95 | 6.49 | 169.37 | 0.53 | 43.25 |
| 1.655 | 11.33 | 47.51 | 1.34 | 6.47 | 169.6  | 0.58 | 43.22 |
| 1.67  | 11.33 | 47.56 | 0.99 | 6.44 | 168.7  | 0.66 | 43.28 |
| 1.686 | 11.33 | 47.57 | 0.92 | 6.41 | 167.53 | 0.63 | 43.29 |
| 1.698 | 11.33 | 47.53 | 1.41 | 6.38 | 166.57 | 0.63 | 43.25 |
| 1.709 | 11.33 | 47.63 | 1.07 | 6.34 | 166.72 | 0.66 | 43.35 |
| 1.72  | 11.33 | 47.64 | 1.26 | 6.31 | 168.86 | 0.66 | 43.36 |
| 1.729 | 11.33 | 47.57 | 1.14 | 6.29 | 170.31 | 0.63 | 43.29 |
| 1.738 | 11.33 | 47.66 | 1.14 | 6.25 | 171.3  | 0.64 | 43.39 |
| 1.754 | 11.33 | 47.7  | 1.14 | 6.23 | 171.7  | 0.63 | 43.42 |
| 1.777 | 11.33 | 47.62 | 0.92 | 6.21 | 172.66 | 0.62 | 43.34 |
| 1.799 | 11.33 | 47.65 | 0.92 | 6.19 | 173.1  | 0.69 | 43.38 |
| 1.817 | 11.33 | 47.73 | 0.95 | 6.17 | 171.26 | 0.68 | 43.45 |
| 1.824 | 11.33 | 47.72 | 0.92 | 6.16 | 171.9  | 0.66 | 43.44 |
| 1.828 | 11.33 | 47.72 | 0.92 | 6.16 | 174.35 | 0.63 | 43.44 |
| 1.834 | 11.33 | 47.74 | 0.95 | 6.15 | 176.71 | 0.66 | 43.46 |
| 1.847 | 11.33 | 47.81 | 0.92 | 6.14 | 176.3  | 0.67 | 43.54 |
| 1.866 | 11.33 | 47.72 | 0.84 | 6.13 | 176.95 | 0.66 | 43.44 |
| 1.885 | 11.33 | 47.67 | 1.03 | 6.12 | 177.2  | 0.63 | 43.4  |
| 1.908 | 11.33 | 47.86 | 0.84 | 6.09 | 176.46 | 0.66 | 43.59 |
| 1.932 | 11.33 | 47.74 | 1.11 | 6.08 | 176.14 | 0.65 | 43.46 |
| 1.946 | 11.33 | 47.6  | 0.92 | 6.07 | 178.11 | 0.63 | 43.31 |
| 1.949 | 11.34 | 47.82 | 1.14 | 6.05 | 179.1  | 0.69 | 43.55 |
| 1.957 | 11.34 | 47.83 | 0.84 | 6.04 | 181.19 | 0.65 | 43.56 |
| 1.97  | 11.34 | 47.59 | 0.99 | 6.06 | 183.51 | 0.64 | 43.3  |
| 1.984 | 11.34 | 47.74 | 0.92 | 6.06 | 182.2  | 0.65 | 43.46 |
| 2.002 | 11.34 | 47.86 | 0.92 | 6.06 | 181.86 | 0.66 | 43.58 |
| 2.018 | 11.34 | 47.64 | 1.03 | 6.09 | 181.69 | 0.65 | 43.36 |
| 2.031 | 11.34 | 47.71 | 0.84 | 6.12 | 182.83 | 0.64 | 43.43 |
| 2.046 | 11.34 | 47.79 | 0.72 | 6.17 | 184.15 | 0.64 | 43.52 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.056 | 11.34 | 47.67 | 0.99 | 6.24 | 186.08 | 0.66 | 43.39 |
| 2.063 | 11.34 | 47.7  | 1.3  | 6.31 | 187.42 | 0.69 | 43.42 |
| 2.068 | 11.34 | 47.86 | 1.56 | 6.38 | 188.82 | 0.63 | 43.59 |
| 2.083 | 11.34 | 47.8  | 1.34 | 6.47 | 189.52 | 0.63 | 43.52 |
| 2.1   | 11.33 | 47.62 | 1.14 | 6.54 | 189.52 | 0.67 | 43.33 |
| 2.117 | 11.33 | 47.75 | 1.18 | 6.6  | 189.48 | 0.64 | 43.48 |
| 2.13  | 11.33 | 47.8  | 1.18 | 6.65 | 188.56 | 0.63 | 43.53 |
| 2.138 | 11.33 | 47.71 | 1.22 | 6.69 | 188.77 | 0.7  | 43.43 |
| 2.144 | 11.33 | 47.75 | 1.37 | 6.73 | 190.67 | 0.69 | 43.47 |
| 2.156 | 11.33 | 47.79 | 1.11 | 6.78 | 193.11 | 0.66 | 43.51 |
| 2.169 | 11.33 | 47.77 | 1.11 | 6.8  | 193.83 | 0.72 | 43.49 |
| 2.185 | 11.33 | 47.8  | 1.11 | 6.82 | 193.69 | 0.67 | 43.52 |
| 2.204 | 11.33 | 47.76 | 1.3  | 6.84 | 194.41 | 0.69 | 43.48 |
| 2.224 | 11.33 | 47.84 | 1.22 | 6.84 | 194.5  | 0.68 | 43.57 |
| 2.242 | 11.33 | 47.89 | 1.34 | 6.83 | 195.32 | 0.69 | 43.62 |
| 2.249 | 11.32 | 47.88 | 1.03 | 6.73 | 199.02 | 0.79 | 43.63 |
| 2.259 | 11.31 | 47.87 | 0.88 | 6.69 | 201.71 | 0.74 | 43.62 |
| 2.284 | 11.3  | 47.7  | 0.99 | 6.65 | 204.87 | 0.73 | 43.47 |
| 2.309 | 11.28 | 47.77 | 1.03 | 6.61 | 206.73 | 0.73 | 43.55 |
| 2.325 | 11.29 | 47.85 | 1.03 | 6.57 | 205.34 | 0.72 | 43.64 |
| 2.332 | 11.29 | 47.78 | 0.99 | 6.54 | 201.62 | 0.73 | 43.56 |
| 2.339 | 11.29 | 47.86 | 0.88 | 6.52 | 203.54 | 0.73 | 43.63 |
| 2.36  | 11.29 | 47.89 | 0.69 | 6.51 | 209.38 | 0.71 | 43.67 |
| 2.383 | 11.28 | 47.81 | 0.88 | 6.5  | 217.64 | 0.72 | 43.6  |
| 2.399 | 11.28 | 47.78 | 0.88 | 6.49 | 219.47 | 0.76 | 43.57 |
| 2.416 | 11.27 | 47.89 | 0.76 | 6.47 | 219.01 | 0.69 | 43.69 |
| 2.439 | 11.27 | 47.85 | 1.03 | 6.46 | 219.67 | 0.67 | 43.66 |
| 2.464 | 11.25 | 47.81 | 0.84 | 6.44 | 224.51 | 0.73 | 43.63 |
| 2.486 | 11.24 | 47.91 | 0.88 | 6.42 | 225.4  | 0.78 | 43.75 |
| 2.503 | 11.22 | 47.88 | 0.92 | 6.4  | 228.18 | 0.74 | 43.75 |
| 2.516 | 11.2  | 47.83 | 0.84 | 6.39 | 243.99 | 0.73 | 43.71 |
| 2.533 | 11.19 | 47.92 | 0.95 | 6.37 | 245.75 | 0.78 | 43.83 |
| 2.555 | 11.17 | 47.91 | 0.88 | 6.36 | 252.27 | 0.73 | 43.84 |
| 2.576 | 11.15 | 47.85 | 0.95 | 6.36 | 251.16 | 0.76 | 43.8  |
| 2.6   | 11.12 | 47.94 | 0.84 | 6.35 | 261.92 | 0.67 | 43.92 |
| 2.627 | 11.1  | 47.92 | 0.92 | 6.35 | 267.51 | 0.73 | 43.93 |
| 2.648 | 11.09 | 47.85 | 0.84 | 6.36 | 286.7  | 0.76 | 43.87 |
| 2.655 | 11.06 | 47.98 | 0.88 | 6.34 | 270.62 | 0.75 | 44.03 |
| 2.671 | 11.05 | 47.92 | 0.76 | 6.34 | 285.11 | 0.71 | 43.99 |
| 2.693 | 11.05 | 47.88 | 0.8  | 6.34 | 287.57 | 0.73 | 43.96 |
| 2.715 | 11.05 | 47.96 | 0.8  | 6.35 | 297.05 | 0.69 | 44.03 |
| 2.723 | 11.1  | 47.9  | 0.76 | 6.49 | 290.65 | 0.72 | 43.9  |
| 2.732 | 11.1  | 47.99 | 0.84 | 6.52 | 395.13 | 0.76 | 44.0  |
| 2.752 | 11.09 | 47.95 | 0.8  | 6.55 | 325.08 | 0.67 | 43.97 |
| 2.779 | 11.08 | 47.89 | 0.76 | 6.57 | 367.74 | 0.76 | 43.92 |
| 2.82  | 11.08 | 47.96 | 0.84 | 6.57 | 353.2  | 0.79 | 44.0  |
| 2.853 | 11.08 | 47.93 | 0.88 | 6.57 | 499.7  | 0.79 | 43.97 |
| 2.864 | 11.09 | 47.91 | 0.65 | 6.58 | 346.07 | 0.83 | 43.93 |
| 2.871 | 11.1  | 47.98 | 0.76 | 6.57 | 475.19 | 0.83 | 44.0  |
| 2.898 | 11.11 | 47.97 | 0.8  | 6.56 | 328.72 | 0.82 | 43.97 |
| 2.936 | 11.11 | 47.9  | 1.03 | 6.57 | 407.5  | 0.8  | 43.9  |
| 2.973 | 11.11 | 47.95 | 1.03 | 6.57 | 340.19 | 0.81 | 43.95 |
| 2.994 | 11.11 | 47.96 | 0.88 | 6.59 | 352.63 | 0.77 | 43.96 |
| 3.015 | 11.11 | 47.98 | 0.8  | 6.61 | 441.12 | 0.76 | 43.98 |
| 3.048 | 11.11 | 47.94 | 0.72 | 6.64 | 346.23 | 0.75 | 43.93 |
| 3.079 | 11.11 | 47.97 | 0.65 | 6.65 | 389.86 | 0.79 | 43.97 |
| 3.098 | 11.1  | 48.0  | 0.76 | 6.67 | 356.33 | 0.82 | 44.0  |
| 3.107 | 11.1  | 47.93 | 0.69 | 6.66 | 363.59 | 0.82 | 43.94 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.111 | 11.11 | 47.99 | 0.72 | 6.64 | 366.72 | 0.81 | 43.99 |
| 3.114 | 11.12 | 48.02 | 0.57 | 6.62 | 345.27 | 0.79 | 44.01 |
| 3.123 | 11.12 | 47.99 | 0.72 | 6.58 | 364.85 | 0.79 | 43.98 |
| 3.141 | 11.12 | 47.95 | 0.61 | 6.55 | 367.14 | 0.84 | 43.94 |
| 3.163 | 11.12 | 48.0  | 0.65 | 6.52 | 375.05 | 0.87 | 43.98 |
| 3.184 | 11.13 | 48.02 | 0.76 | 6.49 | 335.26 | 0.84 | 44.0  |
| 3.2   | 11.13 | 47.98 | 0.72 | 6.48 | 441.73 | 0.81 | 43.96 |
| 3.209 | 11.13 | 48.0  | 0.76 | 6.47 | 355.09 | 0.81 | 43.98 |
| 3.224 | 11.12 | 48.05 | 1.07 | 6.46 | 375.49 | 0.89 | 44.03 |
| 3.248 | 11.12 | 48.02 | 1.22 | 6.45 | 356.49 | 0.85 | 44.0  |
| 3.274 | 11.12 | 47.96 | 0.92 | 6.43 | 357.24 | 0.82 | 43.94 |
| 3.298 | 11.13 | 48.02 | 0.84 | 6.43 | 385.9  | 0.84 | 44.0  |
| 3.336 | 11.14 | 48.08 | 0.76 | 6.43 | 365.53 | 0.82 | 44.05 |
| 3.395 | 11.14 | 48.0  | 0.8  | 6.45 | 391.21 | 0.88 | 43.97 |
| 3.451 | 11.14 | 47.97 | 0.61 | 6.48 | 354.43 | 0.86 | 43.94 |
| 3.491 | 11.14 | 48.06 | 0.65 | 6.5  | 494.17 | 0.94 | 44.02 |
| 3.528 | 11.15 | 48.09 | 0.61 | 6.54 | 356.57 | 0.83 | 44.04 |
| 3.575 | 11.15 | 48.03 | 0.8  | 6.6  | 351.24 | 0.89 | 43.98 |
| 3.631 | 11.15 | 48.05 | 0.69 | 6.67 | 374.97 | 0.89 | 44.0  |
| 3.682 | 11.15 | 48.09 | 0.65 | 6.74 | 354.84 | 0.85 | 44.05 |
| 3.725 | 11.15 | 48.06 | 0.76 | 6.82 | 378.46 | 0.89 | 44.02 |
| 3.753 | 11.15 | 48.04 | 0.61 | 6.89 | 326.36 | 0.92 | 44.0  |
| 3.771 | 11.15 | 48.11 | 0.69 | 6.95 | 324.7  | 0.92 | 44.07 |
| 3.798 | 11.15 | 48.12 | 0.53 | 6.99 | 366.21 | 0.93 | 44.07 |
| 3.827 | 11.15 | 48.04 | 0.61 | 7.03 | 331.93 | 0.98 | 44.0  |
| 3.856 | 11.15 | 48.1  | 0.57 | 7.05 | 342.48 | 0.96 | 44.06 |
| 3.884 | 11.15 | 48.11 | 0.69 | 7.05 | 365.11 | 0.95 | 44.07 |
| 3.903 | 11.15 | 48.06 | 0.69 | 7.05 | 343.91 | 0.97 | 44.01 |
| 3.918 | 11.15 | 48.11 | 0.61 | 7.04 | 355.67 | 0.92 | 44.07 |
| 3.936 | 11.15 | 48.15 | 0.72 | 7.03 | 392.58 | 0.98 | 44.11 |
| 3.96  | 11.15 | 48.1  | 0.61 | 7.02 | 360.23 | 0.99 | 44.05 |
| 3.989 | 11.15 | 48.1  | 0.69 | 7.0  | 364.43 | 0.92 | 44.05 |
| 4.013 | 11.15 | 48.13 | 0.65 | 6.99 | 365.7  | 0.95 | 44.08 |
| 4.032 | 11.15 | 48.15 | 0.61 | 6.97 | 363.75 | 0.96 | 44.1  |
| 4.047 | 11.15 | 48.13 | 0.57 | 6.95 | 378.99 | 0.95 | 44.09 |
| 4.069 | 11.15 | 48.14 | 0.88 | 6.92 | 363.5  | 0.92 | 44.09 |
| 4.085 | 11.15 | 48.12 | 0.76 | 6.88 | 355.42 | 0.93 | 44.07 |
| 4.09  | 11.15 | 48.15 | 0.69 | 6.84 | 366.46 | 0.95 | 44.1  |
| 4.091 | 11.15 | 48.16 | 0.69 | 6.79 | 346.55 | 0.91 | 44.12 |





| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 10.99      | 47.63               | 0.0            | 6.04           | 156.64                      | 0.53              | 43.7            |
| PROF (metros)                                                                | 0.773      | 0.869               | 0.826          | 1.873          | 0.707                       | 0.714             | 0.869           |
| MÁXIMO                                                                       | 11.16      | 11.16               | 1.83           | 8.43           | 1675.5                      | 1.05              | 44.27           |
| PROF (metros)                                                                | 1.356      | 5.17                | 1.108          | 1.125          | 1.586                       | 5.583             | 5.17            |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD N05 - Punto 018                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.01      | 47.65               | 0.88           | 8.29           | 167.58                      | 0.58              | 43.75           |
| 1 - 2m                                                     | 11.13      | 47.87               | 0.89           | 7.04           | 543.73                      | 0.64              | 43.84           |
| 2 - 3m                                                     | 11.04      | 47.88               | 1.0            | 6.26           | 591.54                      | 0.66              | 43.96           |
| 3 - 4m                                                     | 11.07      | 48.0                | 0.73           | 6.53           | 440.25                      | 0.65              | 44.05           |
| 4 - 5m                                                     | 11.12      | 48.16               | 0.64           | 6.77           | 363.66                      | 0.79              | 44.16           |
| 5 - 6m                                                     | 11.12      | 48.24               | 0.56           | 6.6            | 284.21                      | 0.97              | 44.23           |

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

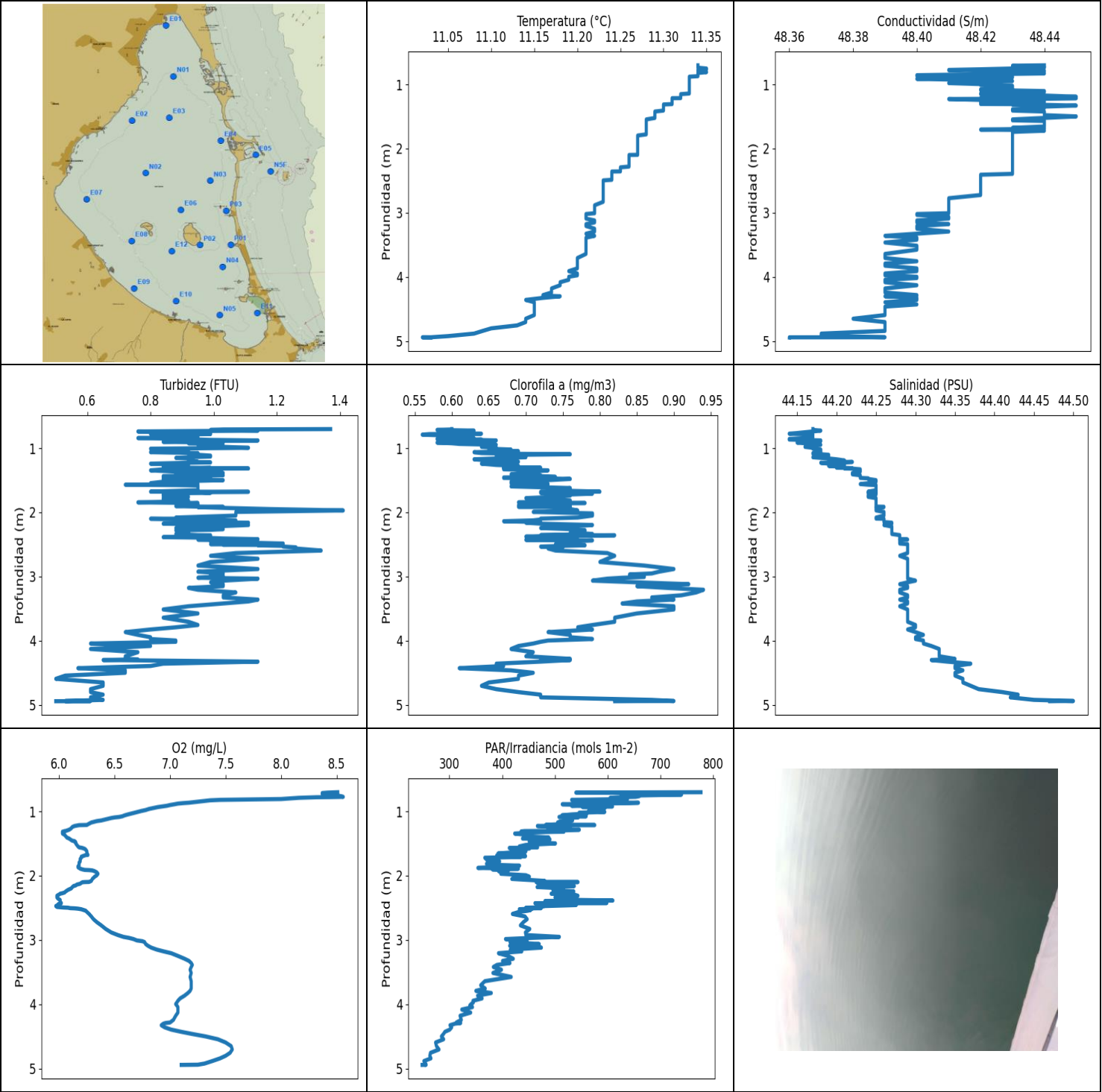
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.707                                                          | 11.03      | 47.65               | 0.69           | 8.18           | 156.64                      | 0.59              | 43.73           |
| 0.714                                                          | 11.02      | 47.65               | 1.11           | 8.19           | 161.73                      | 0.53              | 43.75           |
| 0.725                                                          | 11.0       | 47.64               | 0.92           | 8.21           | 160.02                      | 0.59              | 43.76           |
| 0.74                                                           | 11.0       | 47.64               | 0.69           | 8.22           | 168.39                      | 0.56              | 43.76           |
| 0.758                                                          | 11.0       | 47.64               | 1.14           | 8.22           | 168.23                      | 0.55              | 43.77           |
| 0.773                                                          | 10.99      | 47.65               | 0.95           | 8.24           | 159.35                      | 0.56              | 43.78           |
| 0.789                                                          | 10.99      | 47.65               | 0.8            | 8.27           | 165.72                      | 0.57              | 43.78           |
| 0.807                                                          | 10.99      | 47.66               | 0.65           | 8.27           | 170.04                      | 0.6               | 43.78           |
| 0.826                                                          | 11.0       | 47.66               | 0.0            | 8.28           | 168.12                      | 0.58              | 43.78           |
| 0.846                                                          | 11.02      | 47.66               | 0.0            | 8.28           | 165.11                      | 0.57              | 43.75           |
| 0.861                                                          | 11.04      | 47.64               | 0.57           | 8.3            | 175.28                      | 0.61              | 43.71           |
| 0.869                                                          | 11.04      | 47.63               | 1.22           | 8.3            | 160.54                      | 0.58              | 43.7            |
| 0.873                                                          | 11.04      | 47.63               | 0.99           | 8.32           | 165.72                      | 0.6               | 43.71           |
| 0.877                                                          | 11.03      | 47.63               | 0.84           | 8.32           | 159.91                      | 0.56              | 43.71           |
| 0.884                                                          | 11.02      | 47.63               | 0.95           | 8.33           | 169.02                      | 0.63              | 43.73           |
| 0.894                                                          | 11.01      | 47.63               | 0.92           | 8.35           | 163.01                      | 0.58              | 43.74           |
| 0.912                                                          | 11.0       | 47.65               | 1.03           | 8.37           | 179.93                      | 0.6               | 43.77           |
| 0.94                                                           | 11.0       | 47.67               | 0.69           | 8.38           | 181.1                       | 0.57              | 43.79           |
| 0.971                                                          | 11.0       | 47.68               | 0.8            | 8.39           | 184.19                      | 0.59              | 43.8            |
| 1.002                                                          | 11.02      | 47.67               | 0.92           | 8.4            | 196.68                      | 0.63              | 43.78           |
| 1.025                                                          | 11.04      | 47.67               | 0.72           | 8.41           | 208.65                      | 0.59              | 43.74           |
| 1.045                                                          | 11.05      | 47.92               | 0.84           | 8.4            | 196.77                      | 0.63              | 43.98           |
| 1.066                                                          | 11.09      | 47.96               | 0.88           | 8.4            | 200.78                      | 0.6               | 43.99           |
| 1.086                                                          | 11.13      | 47.95               | 0.69           | 8.41           | 211.97                      | 0.62              | 43.93           |
| 1.108                                                          | 11.14      | 47.93               | 1.83           | 8.42           | 205.63                      | 0.61              | 43.88           |
| 1.125                                                          | 11.15      | 47.91               | 0.57           | 8.43           | 197.91                      | 0.63              | 43.86           |
| 1.139                                                          | 11.15      | 47.9                | 0.08           | 8.42           | 200.13                      | 0.67              | 43.84           |
| 1.144                                                          | 11.15      | 47.9                | 0.88           | 8.38           | 205.77                      | 0.58              | 43.85           |
| 1.146                                                          | 11.15      | 47.9                | 0.8            | 8.31           | 207.45                      | 0.58              | 43.85           |
| 1.153                                                          | 11.15      | 47.9                | 0.88           | 8.2            | 208.9                       | 0.62              | 43.85           |
| 1.164                                                          | 11.15      | 47.88               | 0.65           | 8.06           | 220.79                      | 0.61              | 43.83           |
| 1.176                                                          | 11.15      | 47.87               | 0.8            | 7.92           | 214.09                      | 0.62              | 43.82           |
| 1.189                                                          | 11.15      | 47.87               | 0.0            | 7.74           | 230.31                      | 0.56              | 43.82           |
| 1.207                                                          | 11.15      | 47.88               | 0.0            | 7.57           | 241.12                      | 0.62              | 43.83           |
| 1.225                                                          | 11.15      | 47.87               | 0.0            | 7.42           | 240.23                      | 0.63              | 43.82           |
| 1.239                                                          | 11.15      | 47.85               | 0.0            | 7.29           | 251.86                      | 0.57              | 43.8            |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.246 | 11.15 | 47.85 | 0.0  | 7.16 | 232.18 | 0.57 | 43.8  |
| 1.255 | 11.15 | 47.86 | 0.0  | 7.06 | 252.5  | 0.6  | 43.81 |
| 1.269 | 11.15 | 47.87 | 0.0  | 6.96 | 243.37 | 0.6  | 43.82 |
| 1.285 | 11.15 | 47.86 | 0.0  | 6.9  | 249.54 | 0.63 | 43.81 |
| 1.292 | 11.15 | 47.85 | 0.0  | 6.67 | 306.42 | 0.63 | 43.79 |
| 1.296 | 11.15 | 47.87 | 0.0  | 6.62 | 371.51 | 0.59 | 43.81 |
| 1.301 | 11.15 | 47.85 | 0.0  | 6.35 | 936.47 | 0.57 | 43.79 |
| 1.306 | 11.15 | 47.88 | 0.0  | 6.31 | 961.55 | 0.58 | 43.82 |
| 1.327 | 11.15 | 47.87 | 0.0  | 6.28 | 365.02 | 0.65 | 43.81 |
| 1.356 | 11.16 | 47.84 | 0.0  | 6.25 | 1358.8 | 0.63 | 43.78 |
| 1.382 | 11.16 | 47.84 | 0.0  | 6.22 | 682.33 | 0.65 | 43.77 |
| 1.404 | 11.16 | 47.84 | 0.0  | 6.2  | 505.29 | 0.6  | 43.78 |
| 1.416 | 11.15 | 47.85 | 0.0  | 6.19 | 585.27 | 0.65 | 43.8  |
| 1.418 | 11.15 | 47.86 | 0.0  | 6.18 | 836.71 | 0.65 | 43.81 |
| 1.423 | 11.14 | 47.87 | 0.0  | 6.18 | 1092.8 | 0.69 | 43.82 |
| 1.432 | 11.15 | 47.86 | 0.42 | 6.17 | 936.26 | 0.72 | 43.81 |
| 1.443 | 11.15 | 47.85 | 0.27 | 6.18 | 1057.9 | 0.66 | 43.8  |
| 1.455 | 11.15 | 47.85 | 0.0  | 6.18 | 555.79 | 0.67 | 43.81 |
| 1.474 | 11.15 | 47.88 | 0.0  | 6.17 | 506.35 | 0.64 | 43.83 |
| 1.493 | 11.15 | 47.86 | 0.0  | 6.15 | 608.94 | 0.66 | 43.81 |
| 1.515 | 11.15 | 47.87 | 0.0  | 6.14 | 639.6  | 0.63 | 43.82 |
| 1.545 | 11.15 | 47.88 | 0.23 | 6.13 | 859.71 | 0.66 | 43.82 |
| 1.567 | 11.16 | 47.84 | 1.34 | 6.12 | 871.14 | 0.64 | 43.78 |
| 1.579 | 11.16 | 47.85 | 0.57 | 6.12 | 795.12 | 0.7  | 43.79 |
| 1.586 | 11.15 | 47.87 | 0.0  | 6.12 | 1675.5 | 0.71 | 43.81 |
| 1.594 | 11.15 | 47.87 | 0.0  | 6.13 | 732.48 | 0.64 | 43.82 |
| 1.605 | 11.15 | 47.86 | 0.0  | 6.14 | 663.92 | 0.63 | 43.81 |
| 1.62  | 11.15 | 47.86 | 0.0  | 6.16 | 705.49 | 0.63 | 43.81 |
| 1.653 | 11.15 | 47.87 | 0.0  | 6.18 | 719.86 | 0.64 | 43.81 |
| 1.669 | 11.15 | 47.86 | 1.11 | 6.19 | 884.16 | 0.65 | 43.81 |
| 1.707 | 11.15 | 47.87 | 1.76 | 6.21 | 675.25 | 0.65 | 43.82 |
| 1.719 | 11.15 | 47.86 | 0.8  | 6.21 | 538.67 | 0.65 | 43.81 |
| 1.728 | 11.15 | 47.86 | 0.92 | 6.21 | 616.46 | 0.63 | 43.81 |
| 1.738 | 11.15 | 47.87 | 0.0  | 6.21 | 638.57 | 0.63 | 43.82 |
| 1.747 | 11.15 | 47.88 | 0.0  | 6.22 | 1087.0 | 0.61 | 43.83 |
| 1.768 | 11.15 | 47.86 | 1.37 | 6.23 | 922.9  | 0.63 | 43.81 |
| 1.788 | 11.15 | 47.86 | 0.0  | 6.23 | 475.74 | 0.6  | 43.81 |
| 1.799 | 11.15 | 47.84 | 0.69 | 6.23 | 926.97 | 0.69 | 43.8  |
| 1.8   | 11.14 | 47.87 | 1.22 | 6.23 | 477.62 | 0.61 | 43.82 |
| 1.811 | 11.14 | 47.85 | 0.95 | 6.22 | 912.69 | 0.62 | 43.81 |
| 1.818 | 11.14 | 47.86 | 0.0  | 6.16 | 644.22 | 0.63 | 43.82 |
| 1.829 | 11.14 | 47.88 | 1.68 | 6.13 | 860.11 | 0.66 | 43.84 |
| 1.844 | 11.14 | 47.86 | 0.69 | 6.11 | 785.23 | 0.64 | 43.81 |
| 1.855 | 11.14 | 47.85 | 0.0  | 6.09 | 749.31 | 0.65 | 43.81 |
| 1.862 | 11.14 | 47.87 | 0.0  | 6.06 | 540.8  | 0.6  | 43.84 |
| 1.873 | 11.14 | 47.88 | 0.0  | 6.04 | 713.38 | 0.66 | 43.84 |
| 1.887 | 11.13 | 47.86 | 0.08 | 6.04 | 885.8  | 0.64 | 43.83 |
| 1.906 | 11.13 | 47.86 | 0.0  | 6.04 | 528.65 | 0.66 | 43.83 |
| 1.928 | 11.13 | 47.88 | 0.0  | 6.05 | 937.56 | 0.69 | 43.85 |
| 1.948 | 11.13 | 47.86 | 0.61 | 6.06 | 638.42 | 0.63 | 43.84 |
| 1.967 | 11.13 | 47.87 | 1.68 | 6.09 | 490.86 | 0.69 | 43.85 |
| 1.994 | 11.13 | 47.89 | 1.49 | 6.11 | 588.68 | 0.71 | 43.87 |
| 2.021 | 11.12 | 47.86 | 0.8  | 6.14 | 682.81 | 0.69 | 43.85 |
| 2.045 | 11.11 | 47.88 | 0.99 | 6.15 | 861.31 | 0.7  | 43.87 |
| 2.086 | 11.11 | 47.87 | 0.3  | 6.16 | 625.68 | 0.69 | 43.87 |
| 2.103 | 11.11 | 47.88 | 1.03 | 6.17 | 590.73 | 0.69 | 43.88 |
| 2.122 | 11.1  | 47.89 | 1.49 | 6.17 | 527.43 | 0.69 | 43.9  |
| 2.145 | 11.1  | 47.89 | 1.22 | 6.15 | 794.01 | 0.69 | 43.9  |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.169 | 11.09 | 47.88 | 1.72 | 6.14 | 743.95 | 0.67 | 43.9  |
| 2.192 | 11.09 | 47.88 | 0.8  | 6.13 | 610.49 | 0.6  | 43.91 |
| 2.212 | 11.08 | 47.89 | 0.5  | 6.12 | 709.26 | 0.63 | 43.92 |
| 2.231 | 11.08 | 47.9  | 1.22 | 6.11 | 599.0  | 0.63 | 43.93 |
| 2.248 | 11.07 | 47.88 | 0.69 | 6.11 | 592.51 | 0.61 | 43.93 |
| 2.265 | 11.06 | 47.89 | 1.53 | 6.11 | 671.97 | 0.61 | 43.94 |
| 2.284 | 11.06 | 47.89 | 0.99 | 6.11 | 691.41 | 0.66 | 43.95 |
| 2.303 | 11.05 | 47.89 | 1.34 | 6.12 | 690.77 | 0.61 | 43.96 |
| 2.319 | 11.04 | 47.89 | 1.37 | 6.12 | 529.88 | 0.62 | 43.96 |
| 2.33  | 11.04 | 47.89 | 1.53 | 6.13 | 662.54 | 0.63 | 43.97 |
| 2.34  | 11.04 | 47.89 | 0.84 | 6.14 | 589.49 | 0.63 | 43.97 |
| 2.353 | 11.03 | 47.88 | 1.34 | 6.14 | 548.5  | 0.6  | 43.97 |
| 2.367 | 11.03 | 47.87 | 0.95 | 6.14 | 677.45 | 0.67 | 43.97 |
| 2.374 | 11.02 | 47.88 | 0.99 | 6.15 | 572.93 | 0.65 | 43.98 |
| 2.38  | 11.02 | 47.88 | 1.26 | 6.15 | 478.28 | 0.64 | 43.98 |
| 2.386 | 11.02 | 47.87 | 1.03 | 6.15 | 655.97 | 0.64 | 43.98 |
| 2.398 | 11.01 | 47.87 | 1.03 | 6.15 | 550.79 | 0.64 | 43.98 |
| 2.417 | 11.01 | 47.87 | 1.14 | 6.16 | 490.86 | 0.66 | 43.99 |
| 2.455 | 11.01 | 47.87 | 1.03 | 6.16 | 669.02 | 0.66 | 43.99 |
| 2.492 | 11.0  | 47.86 | 0.95 | 6.16 | 683.28 | 0.65 | 43.98 |
| 2.512 | 11.0  | 47.86 | 0.69 | 6.16 | 587.58 | 0.66 | 43.98 |
| 2.521 | 11.01 | 47.86 | 1.07 | 6.16 | 543.81 | 0.68 | 43.98 |
| 2.531 | 11.02 | 47.86 | 0.88 | 6.16 | 555.66 | 0.66 | 43.96 |
| 2.554 | 11.02 | 47.86 | 0.99 | 6.16 | 499.82 | 0.65 | 43.96 |
| 2.594 | 11.02 | 47.86 | 0.88 | 6.18 | 504.0  | 0.68 | 43.97 |
| 2.643 | 11.01 | 47.86 | 0.99 | 6.21 | 537.3  | 0.68 | 43.97 |
| 2.691 | 11.02 | 47.86 | 0.92 | 6.25 | 574.92 | 0.68 | 43.97 |
| 2.74  | 11.01 | 47.87 | 1.07 | 6.3  | 504.71 | 0.69 | 43.97 |
| 2.79  | 11.01 | 47.86 | 0.88 | 6.36 | 508.11 | 0.67 | 43.98 |
| 2.838 | 11.01 | 47.86 | 0.84 | 6.42 | 494.63 | 0.7  | 43.98 |
| 2.871 | 11.0  | 47.87 | 0.72 | 6.5  | 484.98 | 0.69 | 43.99 |
| 2.888 | 11.0  | 47.87 | 0.88 | 6.58 | 544.44 | 0.73 | 43.99 |
| 2.889 | 11.0  | 47.88 | 0.8  | 6.74 | 520.27 | 0.69 | 44.01 |
| 2.895 | 11.0  | 47.9  | 0.84 | 6.81 | 519.54 | 0.69 | 44.03 |
| 2.916 | 11.0  | 47.87 | 0.95 | 6.86 | 523.29 | 0.7  | 44.0  |
| 2.944 | 11.0  | 47.87 | 0.84 | 6.89 | 531.35 | 0.72 | 44.0  |
| 2.977 | 11.0  | 47.89 | 0.69 | 6.91 | 501.44 | 0.66 | 44.02 |
| 3.013 | 11.01 | 47.9  | 0.84 | 6.9  | 486.44 | 0.68 | 44.02 |
| 3.048 | 11.01 | 47.89 | 0.69 | 6.89 | 500.05 | 0.67 | 44.01 |
| 3.083 | 11.01 | 47.91 | 0.8  | 6.86 | 487.57 | 0.67 | 44.03 |
| 3.119 | 11.01 | 47.91 | 0.76 | 6.83 | 458.21 | 0.68 | 44.03 |
| 3.15  | 11.01 | 47.9  | 0.8  | 6.8  | 478.06 | 0.69 | 44.01 |
| 3.174 | 11.02 | 47.92 | 0.76 | 6.76 | 512.6  | 0.71 | 44.03 |
| 3.198 | 11.02 | 47.93 | 0.8  | 6.73 | 461.83 | 0.68 | 44.03 |
| 3.222 | 11.03 | 47.93 | 0.84 | 6.7  | 502.72 | 0.66 | 44.02 |
| 3.248 | 11.03 | 47.94 | 0.61 | 6.67 | 485.21 | 0.65 | 44.03 |
| 3.276 | 11.04 | 47.94 | 0.8  | 6.64 | 445.43 | 0.66 | 44.02 |
| 3.301 | 11.05 | 47.93 | 0.69 | 6.61 | 460.98 | 0.63 | 44.0  |
| 3.319 | 11.05 | 47.95 | 0.69 | 6.59 | 452.2  | 0.63 | 44.02 |
| 3.33  | 11.05 | 47.97 | 0.65 | 6.57 | 465.49 | 0.66 | 44.04 |
| 3.342 | 11.06 | 47.94 | 0.88 | 6.56 | 406.09 | 0.66 | 44.0  |
| 3.36  | 11.06 | 47.94 | 0.76 | 6.54 | 412.06 | 0.63 | 43.99 |
| 3.377 | 11.06 | 47.98 | 0.61 | 6.52 | 505.17 | 0.66 | 44.04 |
| 3.39  | 11.06 | 47.97 | 0.61 | 6.5  | 410.25 | 0.6  | 44.03 |
| 3.4   | 11.06 | 47.95 | 0.69 | 6.48 | 451.36 | 0.66 | 44.0  |
| 3.412 | 11.06 | 48.0  | 0.76 | 6.46 | 460.44 | 0.64 | 44.06 |
| 3.428 | 11.07 | 47.98 | 0.8  | 6.43 | 425.36 | 0.64 | 44.03 |
| 3.451 | 11.07 | 47.96 | 0.88 | 6.4  | 408.64 | 0.63 | 44.0  |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.479 | 11.08 | 48.01 | 0.65 | 6.38 | 422.41 | 0.61 | 44.05 |
| 3.501 | 11.08 | 48.01 | 0.72 | 6.36 | 415.42 | 0.64 | 44.05 |
| 3.52  | 11.08 | 47.95 | 0.72 | 6.34 | 443.68 | 0.62 | 43.99 |
| 3.534 | 11.08 | 48.01 | 0.72 | 6.32 | 433.22 | 0.61 | 44.04 |
| 3.54  | 11.08 | 48.06 | 0.72 | 6.3  | 439.18 | 0.61 | 44.1  |
| 3.55  | 11.08 | 48.02 | 0.76 | 6.28 | 433.01 | 0.61 | 44.05 |
| 3.565 | 11.09 | 47.99 | 0.72 | 6.26 | 426.24 | 0.65 | 44.01 |
| 3.585 | 11.09 | 48.06 | 0.72 | 6.25 | 428.52 | 0.68 | 44.08 |
| 3.599 | 11.09 | 48.03 | 0.72 | 6.26 | 449.37 | 0.63 | 44.05 |
| 3.613 | 11.1  | 48.0  | 0.8  | 6.28 | 434.02 | 0.62 | 44.01 |
| 3.637 | 11.1  | 48.08 | 0.69 | 6.29 | 431.81 | 0.61 | 44.1  |
| 3.678 | 11.09 | 48.04 | 0.84 | 6.31 | 430.71 | 0.66 | 44.06 |
| 3.718 | 11.1  | 48.01 | 0.72 | 6.33 | 414.26 | 0.62 | 44.02 |
| 3.756 | 11.1  | 48.09 | 0.65 | 6.35 | 409.97 | 0.68 | 44.1  |
| 3.786 | 11.1  | 48.05 | 0.69 | 6.38 | 427.73 | 0.66 | 44.07 |
| 3.812 | 11.1  | 48.03 | 0.76 | 6.41 | 432.51 | 0.7  | 44.05 |
| 3.834 | 11.1  | 48.1  | 0.76 | 6.44 | 412.25 | 0.69 | 44.11 |
| 3.855 | 11.11 | 48.09 | 0.65 | 6.49 | 424.08 | 0.64 | 44.1  |
| 3.876 | 11.11 | 48.03 | 0.8  | 6.54 | 427.03 | 0.69 | 44.03 |
| 3.894 | 11.12 | 48.1  | 0.69 | 6.6  | 404.49 | 0.72 | 44.09 |
| 3.909 | 11.11 | 48.12 | 0.72 | 6.66 | 454.51 | 0.71 | 44.12 |
| 3.917 | 11.11 | 48.03 | 0.65 | 6.7  | 422.41 | 0.66 | 44.03 |
| 3.925 | 11.11 | 48.11 | 0.72 | 6.74 | 386.71 | 0.63 | 44.12 |
| 3.943 | 11.11 | 48.13 | 0.8  | 6.77 | 412.25 | 0.61 | 44.14 |
| 3.968 | 11.11 | 48.04 | 0.8  | 6.8  | 412.06 | 0.66 | 44.05 |
| 3.996 | 11.11 | 48.1  | 0.57 | 6.82 | 387.96 | 0.63 | 44.11 |
| 4.025 | 11.11 | 48.14 | 0.69 | 6.85 | 396.23 | 0.67 | 44.15 |
| 4.05  | 11.11 | 48.08 | 0.72 | 6.87 | 400.2  | 0.64 | 44.09 |
| 4.071 | 11.11 | 48.11 | 0.8  | 6.9  | 416.67 | 0.64 | 44.12 |
| 4.081 | 11.11 | 48.13 | 0.65 | 6.93 | 432.11 | 0.64 | 44.14 |
| 4.091 | 11.11 | 48.15 | 0.69 | 6.96 | 405.9  | 0.66 | 44.16 |
| 4.108 | 11.11 | 48.12 | 0.65 | 6.98 | 399.28 | 0.66 | 44.12 |
| 4.119 | 11.11 | 48.09 | 0.72 | 7.0  | 378.99 | 0.69 | 44.09 |
| 4.126 | 11.11 | 48.14 | 0.65 | 6.99 | 381.37 | 0.67 | 44.14 |
| 4.142 | 11.11 | 48.17 | 0.72 | 6.98 | 396.6  | 0.66 | 44.17 |
| 4.17  | 11.11 | 48.11 | 0.8  | 6.95 | 373.49 | 0.66 | 44.12 |
| 4.202 | 11.11 | 48.11 | 0.72 | 6.92 | 380.48 | 0.69 | 44.11 |
| 4.235 | 11.12 | 48.17 | 0.65 | 6.88 | 377.58 | 0.7  | 44.16 |
| 4.265 | 11.12 | 48.14 | 0.72 | 6.85 | 378.81 | 0.7  | 44.14 |
| 4.297 | 11.12 | 48.12 | 0.57 | 6.81 | 402.81 | 0.76 | 44.1  |
| 4.336 | 11.12 | 48.19 | 0.8  | 6.76 | 385.54 | 0.79 | 44.18 |
| 4.385 | 11.12 | 48.15 | 0.65 | 6.72 | 365.53 | 0.82 | 44.15 |
| 4.431 | 11.12 | 48.13 | 0.72 | 6.68 | 370.65 | 0.83 | 44.12 |
| 4.486 | 11.12 | 48.2  | 0.5  | 6.65 | 347.28 | 0.85 | 44.19 |
| 4.559 | 11.12 | 48.22 | 0.53 | 6.61 | 347.36 | 0.85 | 44.22 |
| 4.63  | 11.12 | 48.13 | 0.65 | 6.59 | 346.31 | 0.87 | 44.12 |
| 4.688 | 11.12 | 48.18 | 0.72 | 6.58 | 348.89 | 0.9  | 44.17 |
| 4.739 | 11.12 | 48.24 | 0.46 | 6.58 | 350.67 | 0.9  | 44.23 |
| 4.784 | 11.12 | 48.18 | 0.57 | 6.59 | 329.25 | 0.87 | 44.18 |
| 4.824 | 11.12 | 48.18 | 0.5  | 6.61 | 314.63 | 0.91 | 44.18 |
| 4.862 | 11.12 | 48.23 | 0.5  | 6.62 | 309.28 | 0.96 | 44.23 |
| 4.89  | 11.12 | 48.19 | 0.5  | 6.63 | 315.28 | 1.0  | 44.17 |
| 4.908 | 11.13 | 48.2  | 0.61 | 6.63 | 323.05 | 0.93 | 44.18 |
| 4.92  | 11.13 | 48.26 | 0.53 | 6.63 | 322.53 | 0.94 | 44.24 |
| 4.942 | 11.13 | 48.24 | 0.42 | 6.61 | 311.72 | 0.92 | 44.23 |
| 4.974 | 11.13 | 48.18 | 0.72 | 6.6  | 301.35 | 0.93 | 44.17 |
| 5.018 | 11.13 | 48.25 | 0.61 | 6.57 | 308.06 | 0.98 | 44.24 |
| 5.07  | 11.13 | 48.23 | 0.53 | 6.56 | 300.03 | 0.89 | 44.22 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 5.113 | 11.13 | 48.18 | 0.61 | 6.55 | 306.07 | 0.86 | 44.17 |
| 5.144 | 11.13 | 48.24 | 0.69 | 6.55 | 300.31 | 0.94 | 44.22 |
| 5.17  | 11.12 | 48.28 | 0.61 | 6.55 | 301.14 | 0.98 | 44.27 |
| 5.202 | 11.12 | 48.24 | 0.69 | 6.56 | 296.84 | 0.92 | 44.23 |
| 5.24  | 11.12 | 48.2  | 0.65 | 6.57 | 285.51 | 0.97 | 44.19 |
| 5.278 | 11.12 | 48.24 | 0.57 | 6.58 | 293.36 | 0.92 | 44.23 |
| 5.311 | 11.12 | 48.26 | 0.61 | 6.6  | 294.86 | 0.98 | 44.25 |
| 5.34  | 11.12 | 48.23 | 0.46 | 6.6  | 283.07 | 1.01 | 44.22 |
| 5.367 | 11.12 | 48.25 | 0.53 | 6.61 | 281.24 | 1.01 | 44.24 |
| 5.404 | 11.12 | 48.28 | 0.57 | 6.6  | 287.17 | 1.01 | 44.27 |
| 5.456 | 11.12 | 48.28 | 0.53 | 6.59 | 279.94 | 0.99 | 44.27 |
| 5.499 | 11.13 | 48.2  | 0.53 | 6.57 | 279.03 | 0.96 | 44.18 |
| 5.526 | 11.12 | 48.24 | 0.5  | 6.55 | 281.76 | 0.94 | 44.23 |
| 5.544 | 11.12 | 48.28 | 0.46 | 6.52 | 269.5  | 0.99 | 44.27 |
| 5.565 | 11.12 | 48.22 | 0.53 | 6.5  | 272.89 | 0.99 | 44.21 |
| 5.583 | 11.12 | 48.23 | 0.46 | 6.51 | 280.39 | 1.05 | 44.22 |
| 5.602 | 11.12 | 48.27 | 0.46 | 6.53 | 280.59 | 1.01 | 44.26 |
| 5.621 | 11.12 | 48.25 | 0.57 | 6.58 | 270.56 | 0.98 | 44.24 |
| 5.639 | 11.12 | 48.23 | 0.53 | 6.65 | 270.31 | 1.03 | 44.23 |
| 5.662 | 11.12 | 48.24 | 0.57 | 6.74 | 262.9  | 0.95 | 44.24 |
| 5.68  | 11.12 | 48.23 | 0.65 | 6.83 | 266.15 | 1.01 | 44.23 |
| 5.683 | 11.12 | 48.24 | 0.53 | 6.91 | 269.44 | 1.01 | 44.23 |



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.02      | 48.36               | 0.5            | 5.97           | 248.27                      | 0.56              | 44.14           |
| PROF (metros)                                                                | 4.942      | 4.942               | 4.595          | 2.473          | 4.944                       | 0.79              | 0.775           |
| MÁXIMO                                                                       | 11.35      | 11.35               | 1.41           | 8.56           | 776.72                      | 0.94              | 44.5            |
| PROF (metros)                                                                | 0.753      | 1.192               | 1.971          | 0.775          | 0.703                       | 3.207             | 4.941           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E10 - Punto 019                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.34      | 48.42               | 0.97           | 7.62           | 609.95                      | 0.62              | 44.16           |
| 1 - 2m                                                     | 11.3       | 48.43               | 0.92           | 6.23           | 458.11                      | 0.71              | 44.22           |
| 2 - 3m                                                     | 11.24      | 48.42               | 1.03           | 6.16           | 486.2                       | 0.76              | 44.28           |
| 3 - 4m                                                     | 11.21      | 48.4                | 0.95           | 7.04           | 396.34                      | 0.84              | 44.29           |
| 4 - 5m                                                     | 11.13      | 48.39               | 0.68           | 7.2            | 291.87                      | 0.72              | 44.37           |

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

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|----------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| Profundidad (m)                                                | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.703                                                          | 11.34      | 48.44               | 1.37           | 8.51           | 776.72                      | 0.6               | 44.17           |
| 0.709                                                          | 11.34      | 48.43               | 1.03           | 8.42           | 539.55                      | 0.6               | 44.17           |
| 0.716                                                          | 11.34      | 48.43               | 0.99           | 8.37           | 688.53                      | 0.58              | 44.17           |
| 0.727                                                          | 11.34      | 48.44               | 1.14           | 8.37           | 625.1                       | 0.63              | 44.18           |
| 0.74                                                           | 11.34      | 48.44               | 0.76           | 8.42           | 739.82                      | 0.59              | 44.17           |
| 0.753                                                          | 11.35      | 48.43               | 0.99           | 8.49           | 660.24                      | 0.62              | 44.16           |
| 0.765                                                          | 11.35      | 48.42               | 0.8            | 8.54           | 659.63                      | 0.59              | 44.15           |
| 0.775                                                          | 11.34      | 48.41               | 0.95           | 8.56           | 652.78                      | 0.64              | 44.14           |
| 0.779                                                          | 11.34      | 48.41               | 0.8            | 8.44           | 632.82                      | 0.61              | 44.15           |
| 0.781                                                          | 11.34      | 48.43               | 0.99           | 8.32           | 623.79                      | 0.57              | 44.16           |
| 0.79                                                           | 11.34      | 48.44               | 0.84           | 8.16           | 604.58                      | 0.56              | 44.17           |
| 0.809                                                          | 11.35      | 48.43               | 0.95           | 8.0            | 637.39                      | 0.61              | 44.16           |
| 0.822                                                          | 11.34      | 48.43               | 0.92           | 7.45           | 531.6                       | 0.62              | 44.16           |
| 0.829                                                          | 11.34      | 48.44               | 0.95           | 7.36           | 598.72                      | 0.61              | 44.17           |
| 0.843                                                          | 11.34      | 48.42               | 0.76           | 7.29           | 595.81                      | 0.63              | 44.16           |
| 0.857                                                          | 11.34      | 48.4                | 0.92           | 7.22           | 543.44                      | 0.58              | 44.14           |
| 0.866                                                          | 11.34      | 48.4                | 0.95           | 7.17           | 658.25                      | 0.64              | 44.14           |
| 0.872                                                          | 11.34      | 48.42               | 0.99           | 7.12           | 641.09                      | 0.63              | 44.16           |
| 0.88                                                           | 11.33      | 48.43               | 1.14           | 7.07           | 583.78                      | 0.66              | 44.18           |
| 0.89                                                           | 11.33      | 48.43               | 0.95           | 7.04           | 513.79                      | 0.63              | 44.18           |
| 0.902                                                          | 11.33      | 48.41               | 0.84           | 7.0            | 558.5                       | 0.63              | 44.16           |
| 0.914                                                          | 11.33      | 48.4                | 1.03           | 6.97           | 531.6                       | 0.58              | 44.15           |
| 0.924                                                          | 11.33      | 48.41               | 0.92           | 6.93           | 609.08                      | 0.6               | 44.16           |
| 0.934                                                          | 11.33      | 48.42               | 0.99           | 6.89           | 552.2                       | 0.61              | 44.17           |
| 0.948                                                          | 11.33      | 48.43               | 0.95           | 6.85           | 594.71                      | 0.66              | 44.18           |
| 0.963                                                          | 11.33      | 48.42               | 1.03           | 6.81           | 569.75                      | 0.65              | 44.17           |
| 0.98                                                           | 11.33      | 48.41               | 1.03           | 6.78           | 591.55                      | 0.64              | 44.16           |
| 0.995                                                          | 11.33      | 48.42               | 1.11           | 6.74           | 563.71                      | 0.66              | 44.17           |
| 1.009                                                          | 11.33      | 48.42               | 0.8            | 6.71           | 594.43                      | 0.65              | 44.17           |
| 1.022                                                          | 11.33      | 48.43               | 0.88           | 6.68           | 545.71                      | 0.68              | 44.18           |
| 1.035                                                          | 11.33      | 48.43               | 0.92           | 6.65           | 560.71                      | 0.65              | 44.18           |
| 1.048                                                          | 11.33      | 48.43               | 0.84           | 6.62           | 532.22                      | 0.69              | 44.18           |
| 1.063                                                          | 11.33      | 48.43               | 0.8            | 6.59           | 513.2                       | 0.63              | 44.18           |
| 1.077                                                          | 11.33      | 48.42               | 0.95           | 6.57           | 559.15                      | 0.64              | 44.17           |
| 1.088                                                          | 11.33      | 48.42               | 0.92           | 6.54           | 507.64                      | 0.68              | 44.17           |
| 1.095                                                          | 11.33      | 48.43               | 0.95           | 6.5            | 544.19                      | 0.76              | 44.18           |
| 1.104                                                          | 11.33      | 48.44               | 0.95           | 6.47           | 520.14                      | 0.69              | 44.19           |

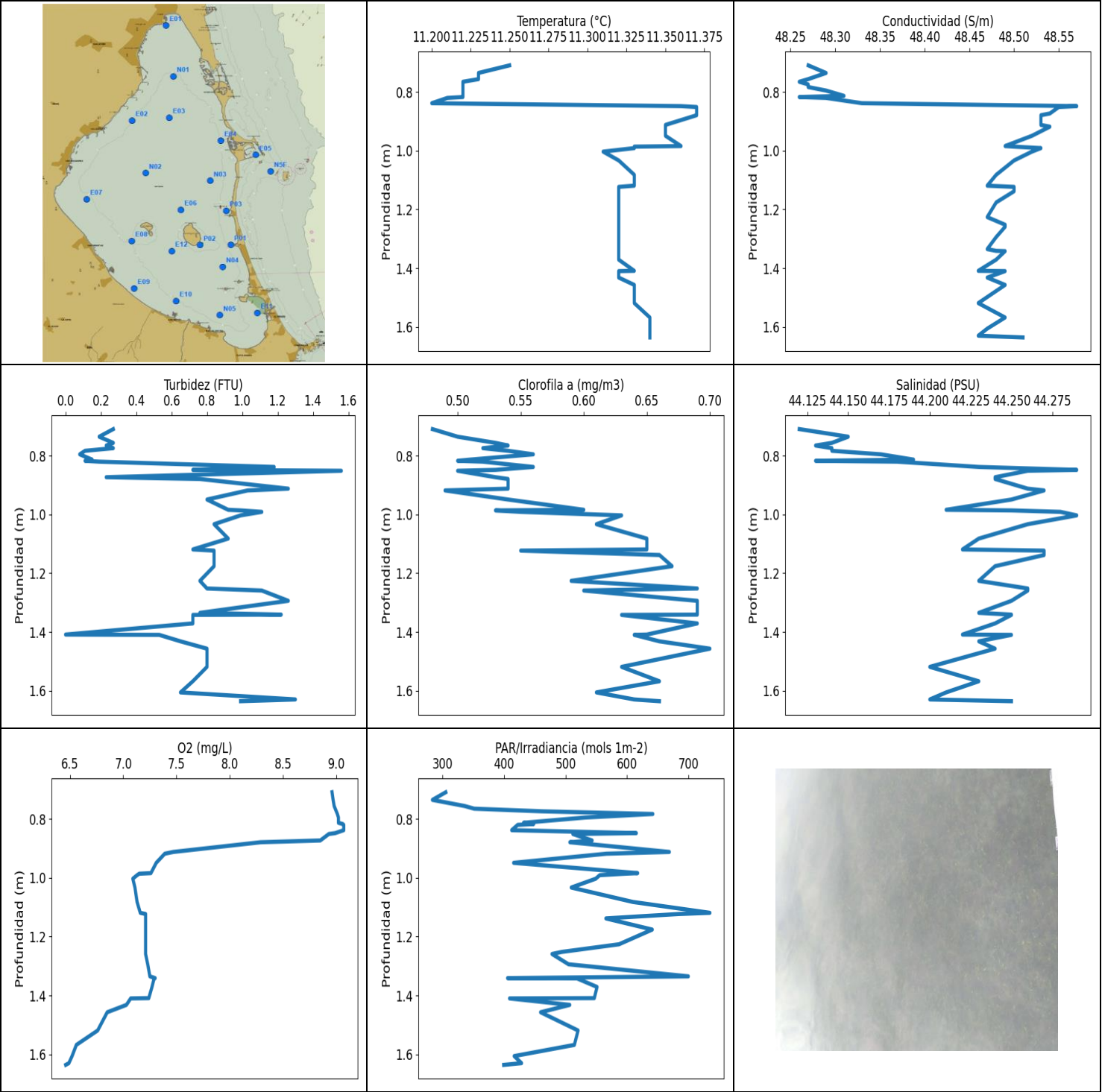


|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.117 | 11.33 | 48.44 | 0.99 | 6.44 | 521.59 | 0.66 | 44.19 |
| 1.131 | 11.33 | 48.43 | 0.99 | 6.41 | 524.14 | 0.66 | 44.18 |
| 1.142 | 11.33 | 48.42 | 0.92 | 6.38 | 533.33 | 0.7  | 44.17 |
| 1.152 | 11.32 | 48.42 | 0.88 | 6.34 | 521.71 | 0.67 | 44.18 |
| 1.161 | 11.32 | 48.43 | 0.92 | 6.32 | 508.46 | 0.66 | 44.19 |
| 1.174 | 11.32 | 48.44 | 0.92 | 6.29 | 504.94 | 0.63 | 44.2  |
| 1.192 | 11.32 | 48.45 | 0.92 | 6.27 | 525.72 | 0.65 | 44.21 |
| 1.212 | 11.32 | 48.43 | 0.95 | 6.25 | 482.51 | 0.69 | 44.2  |
| 1.214 | 11.32 | 48.42 | 0.95 | 6.2  | 575.45 | 0.68 | 44.19 |
| 1.215 | 11.31 | 48.45 | 0.92 | 6.18 | 509.05 | 0.68 | 44.22 |
| 1.222 | 11.31 | 48.44 | 0.99 | 6.16 | 530.49 | 0.67 | 44.21 |
| 1.228 | 11.31 | 48.41 | 0.92 | 6.14 | 466.68 | 0.66 | 44.18 |
| 1.242 | 11.31 | 48.42 | 0.8  | 6.12 | 495.09 | 0.64 | 44.19 |
| 1.262 | 11.31 | 48.44 | 0.92 | 6.11 | 498.66 | 0.66 | 44.21 |
| 1.276 | 11.31 | 48.42 | 0.88 | 6.1  | 486.9  | 0.69 | 44.19 |
| 1.286 | 11.31 | 48.43 | 0.84 | 6.09 | 546.21 | 0.69 | 44.2  |
| 1.298 | 11.31 | 48.44 | 0.92 | 6.07 | 514.39 | 0.67 | 44.21 |
| 1.305 | 11.31 | 48.42 | 0.88 | 6.06 | 495.78 | 0.72 | 44.2  |
| 1.307 | 11.31 | 48.43 | 0.99 | 6.05 | 442.24 | 0.68 | 44.21 |
| 1.313 | 11.3  | 48.44 | 0.95 | 6.04 | 435.83 | 0.67 | 44.22 |
| 1.317 | 11.3  | 48.43 | 1.11 | 6.03 | 516.9  | 0.68 | 44.21 |
| 1.319 | 11.3  | 48.44 | 0.95 | 6.03 | 497.04 | 0.67 | 44.22 |
| 1.33  | 11.3  | 48.45 | 0.84 | 6.03 | 451.99 | 0.67 | 44.23 |
| 1.346 | 11.3  | 48.44 | 0.8  | 6.03 | 423.68 | 0.73 | 44.23 |
| 1.366 | 11.3  | 48.44 | 0.88 | 6.05 | 446.78 | 0.71 | 44.23 |
| 1.388 | 11.3  | 48.43 | 1.03 | 6.06 | 448.33 | 0.7  | 44.22 |
| 1.408 | 11.3  | 48.43 | 0.88 | 6.07 | 488.48 | 0.68 | 44.22 |
| 1.423 | 11.29 | 48.44 | 1.03 | 6.09 | 438.47 | 0.72 | 44.23 |
| 1.436 | 11.29 | 48.44 | 0.84 | 6.1  | 490.52 | 0.72 | 44.23 |
| 1.448 | 11.29 | 48.44 | 0.84 | 6.11 | 460.87 | 0.74 | 44.23 |
| 1.457 | 11.29 | 48.44 | 0.99 | 6.12 | 460.76 | 0.67 | 44.23 |
| 1.464 | 11.29 | 48.44 | 0.88 | 6.14 | 463.01 | 0.67 | 44.23 |
| 1.47  | 11.29 | 48.44 | 0.84 | 6.14 | 451.25 | 0.72 | 44.24 |
| 1.48  | 11.29 | 48.44 | 0.84 | 6.15 | 466.14 | 0.76 | 44.24 |
| 1.499 | 11.29 | 48.45 | 1.03 | 6.15 | 500.98 | 0.73 | 44.25 |
| 1.523 | 11.29 | 48.44 | 0.84 | 6.16 | 444.51 | 0.68 | 44.25 |
| 1.546 | 11.28 | 48.43 | 0.8  | 6.17 | 432.31 | 0.68 | 44.24 |
| 1.56  | 11.28 | 48.43 | 0.95 | 6.18 | 467.11 | 0.73 | 44.23 |
| 1.57  | 11.28 | 48.44 | 0.72 | 6.21 | 413.4  | 0.72 | 44.24 |
| 1.576 | 11.28 | 48.44 | 0.88 | 6.22 | 452.2  | 0.71 | 44.25 |
| 1.583 | 11.28 | 48.44 | 0.95 | 6.23 | 440.2  | 0.72 | 44.25 |
| 1.596 | 11.28 | 48.44 | 0.95 | 6.24 | 416.96 | 0.68 | 44.25 |
| 1.622 | 11.28 | 48.44 | 0.95 | 6.25 | 444.92 | 0.76 | 44.25 |
| 1.656 | 11.28 | 48.44 | 0.95 | 6.25 | 392.03 | 0.73 | 44.25 |
| 1.678 | 11.28 | 48.43 | 0.8  | 6.26 | 443.17 | 0.8  | 44.24 |
| 1.68  | 11.28 | 48.44 | 1.11 | 6.24 | 395.68 | 0.72 | 44.25 |
| 1.686 | 11.28 | 48.44 | 0.95 | 6.23 | 389.68 | 0.76 | 44.25 |
| 1.697 | 11.28 | 48.43 | 0.99 | 6.21 | 444.3  | 0.72 | 44.24 |
| 1.705 | 11.28 | 48.42 | 0.84 | 6.2  | 402.25 | 0.73 | 44.24 |
| 1.709 | 11.28 | 48.43 | 0.92 | 6.2  | 435.83 | 0.79 | 44.25 |
| 1.722 | 11.28 | 48.44 | 0.84 | 6.2  | 367.06 | 0.76 | 44.25 |
| 1.74  | 11.28 | 48.43 | 0.84 | 6.19 | 369.53 | 0.76 | 44.24 |
| 1.759 | 11.28 | 48.43 | 0.92 | 6.19 | 371.42 | 0.74 | 44.24 |
| 1.779 | 11.28 | 48.43 | 0.84 | 6.19 | 395.13 | 0.7  | 44.25 |
| 1.797 | 11.27 | 48.43 | 0.84 | 6.18 | 377.32 | 0.72 | 44.25 |
| 1.815 | 11.27 | 48.43 | 0.92 | 6.18 | 370.22 | 0.76 | 44.25 |
| 1.832 | 11.27 | 48.43 | 0.88 | 6.18 | 386.53 | 0.76 | 44.25 |
| 1.845 | 11.27 | 48.43 | 0.76 | 6.18 | 432.91 | 0.69 | 44.25 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.855 | 11.27 | 48.43 | 0.95 | 6.17 | 388.23 | 0.78 | 44.25 |
| 1.862 | 11.27 | 48.43 | 0.92 | 6.17 | 382.52 | 0.74 | 44.25 |
| 1.87  | 11.27 | 48.43 | 0.95 | 6.17 | 376.36 | 0.76 | 44.25 |
| 1.88  | 11.27 | 48.43 | 0.95 | 6.18 | 353.94 | 0.72 | 44.25 |
| 1.892 | 11.27 | 48.43 | 0.95 | 6.19 | 430.71 | 0.69 | 44.25 |
| 1.903 | 11.27 | 48.43 | 0.88 | 6.21 | 381.45 | 0.76 | 44.25 |
| 1.911 | 11.27 | 48.43 | 0.95 | 6.23 | 397.61 | 0.72 | 44.25 |
| 1.914 | 11.27 | 48.43 | 1.03 | 6.27 | 404.12 | 0.69 | 44.26 |
| 1.919 | 11.27 | 48.43 | 0.95 | 6.3  | 411.87 | 0.74 | 44.26 |
| 1.931 | 11.27 | 48.43 | 1.03 | 6.32 | 393.21 | 0.76 | 44.25 |
| 1.95  | 11.27 | 48.43 | 1.18 | 6.34 | 400.29 | 0.76 | 44.25 |
| 1.971 | 11.27 | 48.43 | 1.41 | 6.35 | 397.43 | 0.77 | 44.25 |
| 1.994 | 11.27 | 48.43 | 1.07 | 6.34 | 445.02 | 0.71 | 44.26 |
| 2.017 | 11.27 | 48.43 | 1.07 | 6.32 | 451.57 | 0.79 | 44.26 |
| 2.051 | 11.27 | 48.43 | 1.07 | 6.3  | 418.22 | 0.79 | 44.26 |
| 2.082 | 11.27 | 48.43 | 0.88 | 6.29 | 480.62 | 0.77 | 44.25 |
| 2.098 | 11.27 | 48.43 | 1.03 | 6.27 | 464.3  | 0.72 | 44.25 |
| 2.1   | 11.26 | 48.43 | 0.8  | 6.23 | 543.69 | 0.72 | 44.26 |
| 2.103 | 11.26 | 48.43 | 0.84 | 6.21 | 464.95 | 0.72 | 44.26 |
| 2.112 | 11.26 | 48.43 | 0.95 | 6.2  | 474.53 | 0.72 | 44.26 |
| 2.126 | 11.26 | 48.43 | 1.07 | 6.19 | 531.97 | 0.71 | 44.26 |
| 2.139 | 11.26 | 48.43 | 1.07 | 6.16 | 477.95 | 0.67 | 44.26 |
| 2.152 | 11.26 | 48.43 | 0.92 | 6.15 | 487.46 | 0.72 | 44.26 |
| 2.162 | 11.26 | 48.43 | 1.11 | 6.13 | 536.68 | 0.7  | 44.27 |
| 2.177 | 11.26 | 48.43 | 0.84 | 6.12 | 466.14 | 0.72 | 44.27 |
| 2.198 | 11.26 | 48.43 | 1.11 | 6.11 | 516.3  | 0.79 | 44.26 |
| 2.222 | 11.26 | 48.43 | 0.99 | 6.08 | 496.12 | 0.76 | 44.27 |
| 2.245 | 11.26 | 48.43 | 0.88 | 6.06 | 535.68 | 0.72 | 44.27 |
| 2.262 | 11.26 | 48.43 | 1.03 | 6.05 | 507.87 | 0.76 | 44.27 |
| 2.273 | 11.26 | 48.43 | 0.99 | 6.03 | 497.27 | 0.76 | 44.27 |
| 2.281 | 11.26 | 48.43 | 0.88 | 6.01 | 492.8  | 0.78 | 44.27 |
| 2.293 | 11.25 | 48.43 | 0.92 | 6.0  | 535.56 | 0.77 | 44.27 |
| 2.313 | 11.25 | 48.43 | 0.92 | 5.98 | 543.56 | 0.76 | 44.27 |
| 2.338 | 11.25 | 48.43 | 0.88 | 5.98 | 500.05 | 0.79 | 44.27 |
| 2.356 | 11.25 | 48.43 | 0.95 | 5.99 | 535.56 | 0.72 | 44.28 |
| 2.358 | 11.24 | 48.43 | 0.99 | 5.99 | 540.3  | 0.82 | 44.28 |
| 2.368 | 11.24 | 48.43 | 0.99 | 6.0  | 527.8  | 0.73 | 44.28 |
| 2.379 | 11.24 | 48.43 | 0.92 | 6.01 | 547.99 | 0.7  | 44.28 |
| 2.387 | 11.24 | 48.43 | 0.84 | 6.01 | 609.78 | 0.72 | 44.28 |
| 2.394 | 11.24 | 48.43 | 0.95 | 6.01 | 481.17 | 0.73 | 44.28 |
| 2.408 | 11.24 | 48.42 | 1.03 | 6.01 | 528.53 | 0.72 | 44.28 |
| 2.419 | 11.24 | 48.42 | 1.14 | 6.01 | 531.72 | 0.71 | 44.28 |
| 2.424 | 11.24 | 48.42 | 1.03 | 6.01 | 479.62 | 0.77 | 44.29 |
| 2.426 | 11.24 | 48.42 | 0.95 | 6.02 | 598.3  | 0.72 | 44.28 |
| 2.429 | 11.24 | 48.42 | 0.99 | 6.02 | 462.05 | 0.7  | 44.28 |
| 2.432 | 11.24 | 48.42 | 1.11 | 6.01 | 496.58 | 0.74 | 44.28 |
| 2.437 | 11.24 | 48.42 | 0.99 | 6.0  | 521.23 | 0.79 | 44.28 |
| 2.447 | 11.24 | 48.42 | 1.03 | 5.99 | 464.52 | 0.77 | 44.28 |
| 2.458 | 11.24 | 48.42 | 0.99 | 5.99 | 540.3  | 0.77 | 44.28 |
| 2.473 | 11.24 | 48.42 | 1.11 | 5.97 | 481.17 | 0.76 | 44.28 |
| 2.487 | 11.24 | 48.42 | 1.22 | 5.98 | 473.43 | 0.77 | 44.28 |
| 2.496 | 11.23 | 48.42 | 0.99 | 6.04 | 463.87 | 0.74 | 44.29 |
| 2.499 | 11.23 | 48.42 | 1.14 | 6.08 | 444.81 | 0.74 | 44.29 |
| 2.506 | 11.23 | 48.42 | 1.03 | 6.1  | 473.87 | 0.76 | 44.29 |
| 2.509 | 11.23 | 48.42 | 1.18 | 6.14 | 453.98 | 0.77 | 44.29 |
| 2.514 | 11.23 | 48.42 | 1.14 | 6.17 | 456.94 | 0.78 | 44.29 |
| 2.523 | 11.23 | 48.42 | 1.22 | 6.2  | 432.41 | 0.75 | 44.29 |
| 2.534 | 11.23 | 48.42 | 1.22 | 6.22 | 454.3  | 0.72 | 44.29 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.546 | 11.23 | 48.42 | 1.26 | 6.24 | 448.44 | 0.75 | 44.29 |
| 2.564 | 11.23 | 48.42 | 1.26 | 6.25 | 432.01 | 0.73 | 44.29 |
| 2.596 | 11.23 | 48.42 | 1.34 | 6.27 | 419.38 | 0.74 | 44.29 |
| 2.635 | 11.23 | 48.42 | 1.07 | 6.29 | 443.17 | 0.81 | 44.29 |
| 2.678 | 11.23 | 48.42 | 0.99 | 6.31 | 447.3  | 0.82 | 44.28 |
| 2.724 | 11.23 | 48.42 | 1.14 | 6.34 | 440.1  | 0.81 | 44.29 |
| 2.774 | 11.23 | 48.41 | 0.99 | 6.38 | 434.52 | 0.8  | 44.29 |
| 2.83  | 11.23 | 48.41 | 0.95 | 6.42 | 452.3  | 0.86 | 44.29 |
| 2.884 | 11.22 | 48.41 | 1.14 | 6.47 | 443.99 | 0.9  | 44.29 |
| 2.925 | 11.22 | 48.41 | 0.95 | 6.53 | 445.02 | 0.88 | 44.29 |
| 2.953 | 11.22 | 48.41 | 1.03 | 6.58 | 508.35 | 0.87 | 44.29 |
| 2.969 | 11.22 | 48.41 | 0.99 | 6.63 | 455.14 | 0.84 | 44.29 |
| 2.987 | 11.22 | 48.41 | 1.03 | 6.67 | 406.28 | 0.86 | 44.29 |
| 3.008 | 11.22 | 48.41 | 0.99 | 6.7  | 442.04 | 0.86 | 44.29 |
| 3.02  | 11.21 | 48.4  | 0.95 | 6.75 | 447.3  | 0.83 | 44.29 |
| 3.034 | 11.21 | 48.4  | 1.14 | 6.77 | 414.84 | 0.81 | 44.29 |
| 3.065 | 11.21 | 48.41 | 1.03 | 6.78 | 470.26 | 0.79 | 44.3  |
| 3.091 | 11.21 | 48.41 | 0.99 | 6.8  | 414.17 | 0.85 | 44.29 |
| 3.12  | 11.22 | 48.4  | 1.03 | 6.83 | 474.31 | 0.92 | 44.28 |
| 3.151 | 11.22 | 48.4  | 1.03 | 6.88 | 415.42 | 0.85 | 44.29 |
| 3.178 | 11.21 | 48.41 | 0.92 | 6.94 | 437.15 | 0.89 | 44.29 |
| 3.207 | 11.21 | 48.4  | 0.95 | 7.01 | 392.94 | 0.94 | 44.28 |
| 3.249 | 11.22 | 48.4  | 1.07 | 7.07 | 411.01 | 0.93 | 44.28 |
| 3.293 | 11.22 | 48.41 | 1.03 | 7.13 | 421.04 | 0.91 | 44.29 |
| 3.327 | 11.21 | 48.4  | 1.03 | 7.17 | 400.67 | 0.87 | 44.29 |
| 3.36  | 11.22 | 48.39 | 1.14 | 7.19 | 414.74 | 0.9  | 44.28 |
| 3.389 | 11.21 | 48.4  | 1.11 | 7.2  | 390.04 | 0.85 | 44.29 |
| 3.421 | 11.21 | 48.4  | 1.03 | 7.19 | 383.23 | 0.83 | 44.29 |
| 3.464 | 11.21 | 48.39 | 0.92 | 7.18 | 398.63 | 0.9  | 44.28 |
| 3.514 | 11.21 | 48.4  | 0.84 | 7.19 | 382.43 | 0.9  | 44.29 |
| 3.576 | 11.21 | 48.4  | 0.95 | 7.18 | 417.15 | 0.85 | 44.29 |
| 3.642 | 11.21 | 48.39 | 0.84 | 7.19 | 367.14 | 0.82 | 44.29 |
| 3.706 | 11.2  | 48.39 | 0.92 | 7.19 | 359.23 | 0.82 | 44.29 |
| 3.756 | 11.2  | 48.4  | 0.95 | 7.19 | 367.91 | 0.79 | 44.3  |
| 3.792 | 11.2  | 48.39 | 0.88 | 7.18 | 350.11 | 0.77 | 44.3  |
| 3.826 | 11.2  | 48.39 | 0.8  | 7.16 | 379.43 | 0.79 | 44.29 |
| 3.867 | 11.2  | 48.4  | 0.72 | 7.13 | 353.37 | 0.73 | 44.3  |
| 3.91  | 11.19 | 48.4  | 0.76 | 7.09 | 361.9  | 0.76 | 44.31 |
| 3.947 | 11.2  | 48.39 | 0.8  | 7.07 | 344.63 | 0.76 | 44.3  |
| 3.975 | 11.2  | 48.39 | 0.8  | 7.06 | 345.19 | 0.79 | 44.3  |
| 3.998 | 11.19 | 48.4  | 0.88 | 7.05 | 341.13 | 0.73 | 44.31 |
| 4.018 | 11.19 | 48.4  | 0.88 | 7.06 | 338.69 | 0.72 | 44.31 |
| 4.045 | 11.19 | 48.39 | 0.61 | 7.07 | 343.75 | 0.71 | 44.31 |
| 4.083 | 11.18 | 48.39 | 0.8  | 7.07 | 323.42 | 0.69 | 44.32 |
| 4.13  | 11.18 | 48.4  | 0.61 | 7.07 | 340.34 | 0.68 | 44.33 |
| 4.18  | 11.17 | 48.39 | 0.76 | 7.05 | 320.14 | 0.71 | 44.33 |
| 4.243 | 11.17 | 48.39 | 0.72 | 7.03 | 322.6  | 0.7  | 44.33 |
| 4.284 | 11.16 | 48.4  | 0.72 | 7.0  | 313.1  | 0.76 | 44.35 |
| 4.292 | 11.16 | 48.4  | 0.76 | 6.96 | 321.41 | 0.72 | 44.34 |
| 4.302 | 11.18 | 48.39 | 0.65 | 6.94 | 311.0  | 0.76 | 44.32 |
| 4.327 | 11.16 | 48.4  | 1.14 | 6.92 | 301.07 | 0.72 | 44.34 |
| 4.359 | 11.14 | 48.4  | 0.84 | 6.95 | 304.3  | 0.66 | 44.37 |
| 4.395 | 11.15 | 48.39 | 0.8  | 7.01 | 300.72 | 0.67 | 44.35 |
| 4.429 | 11.15 | 48.4  | 0.57 | 7.1  | 291.46 | 0.61 | 44.35 |
| 4.463 | 11.15 | 48.39 | 0.72 | 7.2  | 288.77 | 0.68 | 44.36 |
| 4.501 | 11.15 | 48.39 | 0.72 | 7.32 | 284.85 | 0.71 | 44.35 |
| 4.545 | 11.15 | 48.39 | 0.53 | 7.43 | 289.1  | 0.69 | 44.35 |
| 4.595 | 11.15 | 48.39 | 0.5  | 7.5  | 273.84 | 0.69 | 44.36 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 4.652 | 11.14 | 48.38 | 0.65 | 7.55 | 275.5  | 0.65 | 44.36 |
| 4.704 | 11.14 | 48.39 | 0.65 | 7.56 | 280.26 | 0.64 | 44.37 |
| 4.756 | 11.13 | 48.39 | 0.61 | 7.54 | 264.12 | 0.66 | 44.38 |
| 4.802 | 11.1  | 48.39 | 0.61 | 7.5  | 262.9  | 0.69 | 44.41 |
| 4.842 | 11.09 | 48.39 | 0.65 | 7.45 | 264.98 | 0.72 | 44.43 |
| 4.884 | 11.08 | 48.37 | 0.61 | 7.38 | 251.63 | 0.72 | 44.42 |
| 4.923 | 11.05 | 48.37 | 0.65 | 7.31 | 254.86 | 0.87 | 44.45 |
| 4.941 | 11.03 | 48.39 | 0.53 | 7.25 | 253.44 | 0.9  | 44.5  |
| 4.942 | 11.02 | 48.36 | 0.61 | 7.18 | 255.92 | 0.85 | 44.48 |
| 4.944 | 11.03 | 48.36 | 0.5  | 7.1  | 248.27 | 0.82 | 44.47 |



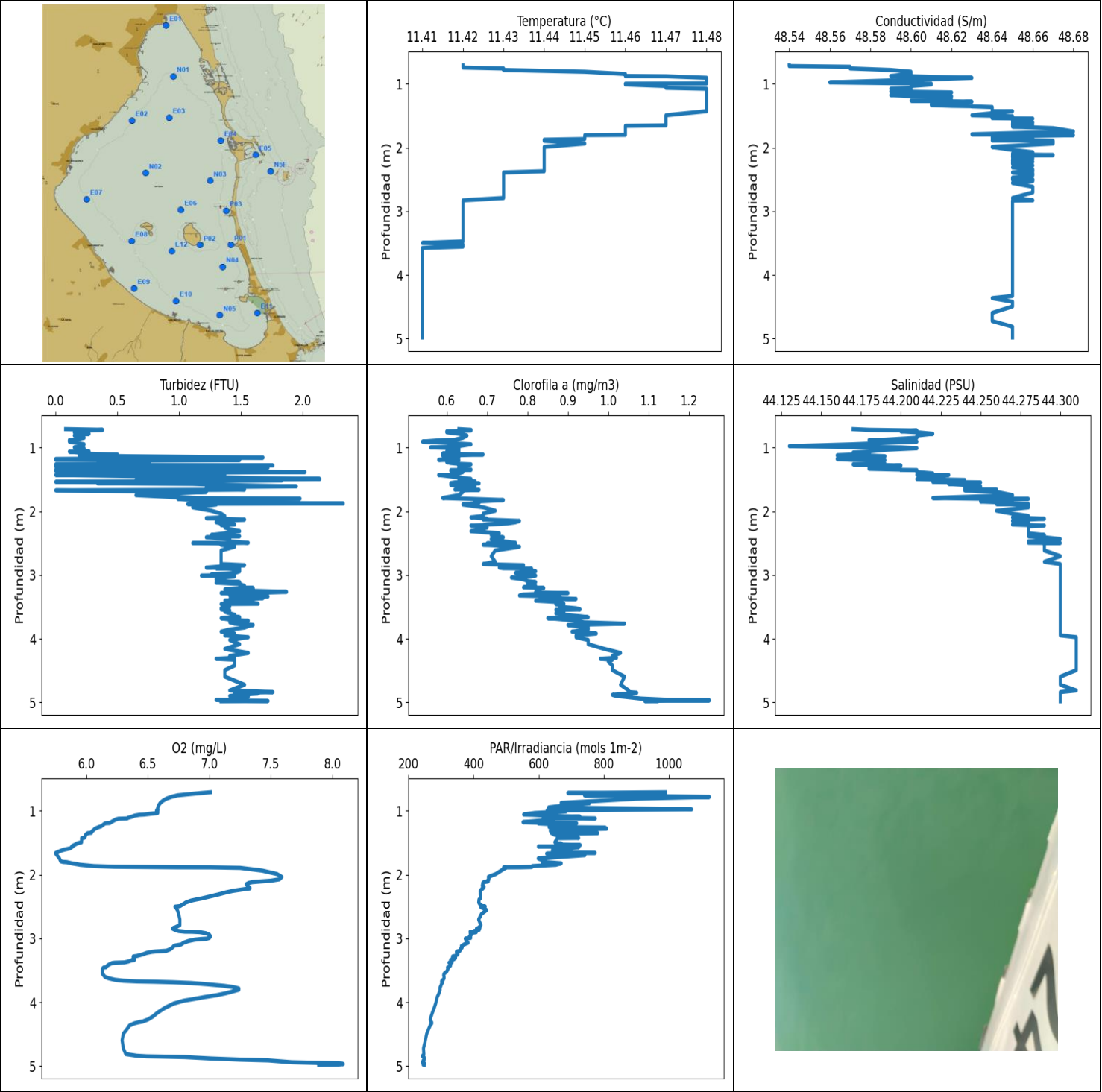
| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
|                                                                              | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m³) | Salinidad (PSU) |
| MÍNIMO                                                                       | 11.2       | 48.26               | 0.0            | 6.46           | 283.27                      | 0.48              | 44.12           |
| PROF (metros)                                                                | 0.838      | 0.765               | 1.409          | 1.636          | 0.735                       | 0.709             | 0.709           |
| MÁXIMO                                                                       | 11.37      | 11.37               | 1.56           | 9.07           | 735.03                      | 0.7               | 44.29           |
| PROF (metros)                                                                | 0.851      | 0.848               | 0.851          | 0.82           | 1.119                       | 1.457             | 0.848           |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E09 - Punto 020                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.28      | 48.4                | 0.59           | 8.47           | 486.93                      | 0.53              | 44.2            |
| 1 - 2m                                                     | 11.33      | 48.48               | 0.86           | 7.04           | 529.9                       | 0.65              | 44.24           |

| 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                                                          | 11.25      | 48.27               | 0.27           | 8.96           | 305.08                      | 0.48              | 44.12           |
| 0.735                                                          | 11.23      | 48.29               | 0.19           | 8.97           | 283.27                      | 0.5               | 44.15           |
| 0.756                                                          | 11.23      | 48.27               | 0.27           | 8.98           | 335.96                      | 0.53              | 44.14           |
| 0.765                                                          | 11.22      | 48.26               | 0.23           | 8.99           | 351.32                      | 0.54              | 44.13           |
| 0.774                                                          | 11.22      | 48.27               | 0.27           | 9.0            | 462.91                      | 0.52              | 44.14           |
| 0.783                                                          | 11.22      | 48.27               | 0.11           | 9.01           | 642.13                      | 0.54              | 44.14           |
| 0.795                                                          | 11.22      | 48.29               | 0.08           | 9.02           | 532.09                      | 0.56              | 44.17           |
| 0.813                                                          | 11.22      | 48.31               | 0.15           | 9.02           | 431.61                      | 0.51              | 44.19           |
| 0.817                                                          | 11.22      | 48.26               | 0.11           | 9.06           | 448.23                      | 0.5               | 44.13           |
| 0.82                                                           | 11.21      | 48.29               | 0.19           | 9.07           | 422.11                      | 0.52              | 44.18           |
| 0.838                                                          | 11.2       | 48.33               | 1.18           | 9.07           | 412.35                      | 0.56              | 44.23           |
| 0.848                                                          | 11.36      | 48.57               | 0.72           | 8.99           | 615.32                      | 0.53              | 44.29           |
| 0.851                                                          | 11.37      | 48.55               | 1.56           | 8.93           | 511.89                      | 0.5               | 44.26           |
| 0.873                                                          | 11.37      | 48.54               | 0.23           | 8.85           | 543.31                      | 0.53              | 44.24           |
| 0.879                                                          | 11.37      | 48.53               | 0.76           | 8.29           | 507.05                      | 0.54              | 44.24           |
| 0.912                                                          | 11.35      | 48.53               | 1.26           | 7.47           | 669.02                      | 0.54              | 44.26           |
| 0.918                                                          | 11.35      | 48.54               | 1.03           | 7.39           | 566.59                      | 0.49              | 44.27           |
| 0.949                                                          | 11.35      | 48.52               | 0.8            | 7.31           | 415.51                      | 0.54              | 44.25           |
| 0.984                                                          | 11.36      | 48.49               | 0.92           | 7.26           | 617.46                      | 0.6               | 44.21           |
| 0.986                                                          | 11.33      | 48.5                | 0.99           | 7.15           | 596.64                      | 0.53              | 44.25           |
| 0.991                                                          | 11.33      | 48.53               | 1.11           | 7.13           | 555.66                      | 0.55              | 44.28           |
| 1.003                                                          | 11.31      | 48.52               | 0.99           | 7.09           | 549.13                      | 0.63              | 44.29           |
| 1.033                                                          | 11.32      | 48.5                | 0.84           | 7.11           | 509.29                      | 0.61              | 44.26           |
| 1.082                                                          | 11.33      | 48.48               | 0.92           | 7.13           | 609.64                      | 0.65              | 44.23           |
| 1.119                                                          | 11.33      | 48.47               | 0.72           | 7.16           | 735.03                      | 0.65              | 44.22           |
| 1.123                                                          | 11.32      | 48.5                | 0.84           | 7.21           | 684.39                      | 0.55              | 44.27           |
| 1.138                                                          | 11.32      | 48.5                | 0.84           | 7.21           | 565.67                      | 0.66              | 44.27           |
| 1.176                                                          | 11.32      | 48.48               | 0.84           | 7.21           | 641.24                      | 0.67              | 44.24           |
| 1.226                                                          | 11.32      | 48.47               | 0.76           | 7.21           | 587.04                      | 0.59              | 44.23           |
| 1.252                                                          | 11.32      | 48.49               | 0.8            | 7.21           | 493.71                      | 0.69              | 44.26           |
| 1.259                                                          | 11.32      | 48.49               | 1.11           | 7.21           | 477.95                      | 0.6               | 44.26           |
| 1.294                                                          | 11.32      | 48.48               | 1.26           | 7.23           | 504.94                      | 0.69              | 44.25           |
| 1.335                                                          | 11.32      | 48.47               | 0.76           | 7.25           | 699.95                      | 0.69              | 44.23           |
| 1.341                                                          | 11.32      | 48.48               | 1.22           | 7.3            | 405.62                      | 0.69              | 44.25           |
| 1.342                                                          | 11.32      | 48.49               | 0.72           | 7.29           | 518.7                       | 0.63              | 44.25           |
| 1.371                                                          | 11.32      | 48.48               | 0.72           | 7.27           | 551.3                       | 0.69              | 44.24           |
| 1.409                                                          | 11.33      | 48.46               | 0.0            | 7.24           | 546.85                      | 0.65              | 44.22           |
| 1.41                                                           | 11.32      | 48.49               | 0.53           | 7.07           | 408.83                      | 0.64              | 44.25           |
| 1.432                                                          | 11.32      | 48.47               | 0.65           | 7.03           | 506.93                      | 0.66              | 44.23           |
| 1.457                                                          | 11.33      | 48.49               | 0.8            | 6.85           | 459.38                      | 0.7               | 44.24           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.519 | 11.33 | 48.46 | 0.8  | 6.76 | 520.39 | 0.63 | 44.2  |
| 1.568 | 11.34 | 48.49 | 0.72 | 6.56 | 514.39 | 0.66 | 44.23 |
| 1.606 | 11.34 | 48.47 | 0.65 | 6.52 | 416.38 | 0.61 | 44.21 |
| 1.63  | 11.34 | 48.46 | 1.3  | 6.49 | 428.42 | 0.64 | 44.2  |
| 1.636 | 11.34 | 48.51 | 0.99 | 6.46 | 399.28 | 0.66 | 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                                                                       | 11.41      | 48.54               | 0.0            | 5.75           | 243.14                      | 0.54              | 44.13           |
| PROF (metros)                                                                | 3.498      | 0.708               | 1.177          | 1.659          | 4.849                       | 0.904             | 0.976           |
| MÁXIMO                                                                       | 11.48      | 11.48               | 2.33           | 8.09           | 1124.6                      | 1.25              | 44.31           |
| PROF (metros)                                                                | 0.904      | 1.747               | 1.877          | 4.97           | 0.781                       | 4.97              | 3.977           |



| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA |            |                     |                |                |                             |                   |                 |
|------------------------------------------------------------|------------|---------------------|----------------|----------------|-----------------------------|-------------------|-----------------|
| CTD E08 - Punto 021                                        | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m                                                     | 11.45      | 48.58               | 0.19           | 6.7            | 815.74                      | 0.62              | 44.19           |
| 1 - 2m                                                     | 11.47      | 48.64               | 1.05           | 6.16           | 642.03                      | 0.64              | 44.22           |
| 2 - 3m                                                     | 11.43      | 48.65               | 1.37           | 7.0            | 420.7                       | 0.73              | 44.29           |
| 3 - 4m                                                     | 11.42      | 48.65               | 1.46           | 6.54           | 327.85                      | 0.87              | 44.3            |
| 4 - 5m                                                     | 11.41      | 48.65               | 1.46           | 6.93           | 255.87                      | 1.05              | 44.3            |

| 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                                                          | 11.42      | 48.54               | 0.08           | 7.01           | 990.04                      | 0.63              | 44.17           |
| 0.719                                                          | 11.42      | 48.54               | 0.38           | 6.94           | 689.81                      | 0.66              | 44.18           |
| 0.73                                                           | 11.42      | 48.57               | 0.27           | 6.88           | 978.63                      | 0.66              | 44.21           |
| 0.743                                                          | 11.42      | 48.57               | 0.23           | 6.81           | 904.06                      | 0.6               | 44.2            |
| 0.757                                                          | 11.43      | 48.57               | 0.15           | 6.74           | 740.85                      | 0.6               | 44.21           |
| 0.781                                                          | 11.43      | 48.59               | 0.27           | 6.69           | 1124.6                      | 0.63              | 44.22           |
| 0.809                                                          | 11.45      | 48.6                | 0.15           | 6.65           | 895.92                      | 0.65              | 44.21           |
| 0.844                                                          | 11.46      | 48.6                | 0.23           | 6.62           | 779.6                       | 0.64              | 44.21           |
| 0.875                                                          | 11.46      | 48.59               | 0.15           | 6.6            | 669.02                      | 0.62              | 44.19           |
| 0.88                                                           | 11.47      | 48.6                | 0.11           | 6.6            | 755.94                      | 0.59              | 44.18           |
| 0.904                                                          | 11.48      | 48.63               | 0.11           | 6.59           | 698.01                      | 0.54              | 44.21           |
| 0.946                                                          | 11.48      | 48.59               | 0.23           | 6.58           | 630.77                      | 0.66              | 44.17           |
| 0.976                                                          | 11.48      | 48.56               | 0.19           | 6.58           | 1070.0                      | 0.63              | 44.13           |
| 0.993                                                          | 11.48      | 48.6                | 0.19           | 6.57           | 626.26                      | 0.6               | 44.18           |
| 0.996                                                          | 11.46      | 48.61               | 0.15           | 6.58           | 682.65                      | 0.56              | 44.2            |
| 1.009                                                          | 11.46      | 48.61               | 0.23           | 6.58           | 684.07                      | 0.63              | 44.21           |
| 1.033                                                          | 11.47      | 48.6                | 0.19           | 6.58           | 588.4                       | 0.63              | 44.19           |
| 1.058                                                          | 11.47      | 48.6                | 0.27           | 6.47           | 553.86                      | 0.6               | 44.18           |
| 1.062                                                          | 11.47      | 48.6                | 0.11           | 6.43           | 580.55                      | 0.63              | 44.18           |
| 1.076                                                          | 11.48      | 48.59               | 0.19           | 6.39           | 628.0                       | 0.62              | 44.17           |
| 1.092                                                          | 11.48      | 48.6                | 0.19           | 6.37           | 726.73                      | 0.59              | 44.18           |
| 1.108                                                          | 11.48      | 48.6                | 0.5            | 6.34           | 669.02                      | 0.69              | 44.17           |
| 1.12                                                           | 11.48      | 48.59               | 0.19           | 6.33           | 774.2                       | 0.62              | 44.16           |
| 1.124                                                          | 11.48      | 48.6                | 0.27           | 6.26           | 613.47                      | 0.59              | 44.18           |
| 1.134                                                          | 11.48      | 48.62               | 0.57           | 6.24           | 646.16                      | 0.61              | 44.19           |
| 1.156                                                          | 11.48      | 48.6                | 1.68           | 6.22           | 597.47                      | 0.63              | 44.18           |
| 1.177                                                          | 11.48      | 48.59               | 0.0            | 6.2            | 551.94                      | 0.61              | 44.16           |
| 1.191                                                          | 11.48      | 48.6                | 0.0            | 6.19           | 629.02                      | 0.58              | 44.17           |
| 1.194                                                          | 11.48      | 48.61               | 1.49           | 6.16           | 716.7                       | 0.62              | 44.18           |
| 1.197                                                          | 11.48      | 48.62               | 0.34           | 6.15           | 599.14                      | 0.63              | 44.19           |
| 1.226                                                          | 11.48      | 48.61               | 0.53           | 6.13           | 698.17                      | 0.6               | 44.18           |
| 1.241                                                          | 11.48      | 48.61               | 0.38           | 6.12           | 674.0                       | 0.61              | 44.18           |
| 1.254                                                          | 11.48      | 48.62               | 0.76           | 6.1            | 631.94                      | 0.63              | 44.19           |
| 1.262                                                          | 11.48      | 48.6                | 0.0            | 6.09           | 803.82                      | 0.66              | 44.17           |
| 1.279                                                          | 11.48      | 48.63               | 1.76           | 6.07           | 808.68                      | 0.63              | 44.2            |
| 1.296                                                          | 11.48      | 48.62               | 0.0            | 6.06           | 684.71                      | 0.63              | 44.19           |
| 1.314                                                          | 11.48      | 48.61               | 1.72           | 6.05           | 635.76                      | 0.63              | 44.18           |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 1.332 | 11.48 | 48.61 | 1.03 | 6.04 | 660.39 | 0.65 | 44.18 |
| 1.344 | 11.48 | 48.62 | 1.49 | 6.04 | 637.98 | 0.66 | 44.2  |
| 1.349 | 11.48 | 48.63 | 0.0  | 6.01 | 781.59 | 0.66 | 44.2  |
| 1.352 | 11.48 | 48.63 | 0.0  | 6.01 | 765.28 | 0.61 | 44.21 |
| 1.363 | 11.48 | 48.64 | 0.0  | 6.0  | 644.52 | 0.61 | 44.21 |
| 1.382 | 11.48 | 48.64 | 2.02 | 5.99 | 655.21 | 0.64 | 44.21 |
| 1.404 | 11.48 | 48.64 | 0.15 | 5.99 | 688.85 | 0.63 | 44.22 |
| 1.424 | 11.48 | 48.64 | 1.37 | 5.98 | 722.7  | 0.61 | 44.21 |
| 1.427 | 11.48 | 48.64 | 0.0  | 5.97 | 681.23 | 0.62 | 44.22 |
| 1.428 | 11.48 | 48.65 | 0.0  | 5.96 | 657.95 | 0.58 | 44.23 |
| 1.492 | 11.47 | 48.63 | 2.14 | 5.96 | 649.77 | 0.66 | 44.21 |
| 1.507 | 11.47 | 48.65 | 0.65 | 5.93 | 654.3  | 0.65 | 44.24 |
| 1.515 | 11.47 | 48.65 | 1.83 | 5.92 | 669.95 | 0.63 | 44.24 |
| 1.526 | 11.47 | 48.64 | 1.03 | 5.91 | 654.15 | 0.67 | 44.22 |
| 1.537 | 11.47 | 48.64 | 0.0  | 5.9  | 727.74 | 0.67 | 44.22 |
| 1.545 | 11.47 | 48.66 | 1.11 | 5.89 | 658.1  | 0.62 | 44.25 |
| 1.556 | 11.47 | 48.65 | 0.5  | 5.89 | 674.0  | 0.61 | 44.24 |
| 1.559 | 11.47 | 48.65 | 0.34 | 5.88 | 599.14 | 0.68 | 44.24 |
| 1.569 | 11.47 | 48.65 | 1.11 | 5.88 | 723.2  | 0.63 | 44.23 |
| 1.586 | 11.47 | 48.65 | 1.34 | 5.87 | 702.55 | 0.61 | 44.24 |
| 1.608 | 11.47 | 48.66 | 1.95 | 5.82 | 698.98 | 0.67 | 44.25 |
| 1.619 | 11.47 | 48.65 | 1.22 | 5.8  | 642.28 | 0.65 | 44.24 |
| 1.635 | 11.47 | 48.65 | 1.22 | 5.78 | 689.01 | 0.63 | 44.24 |
| 1.652 | 11.47 | 48.65 | 1.45 | 5.76 | 656.73 | 0.63 | 44.24 |
| 1.659 | 11.46 | 48.66 | 1.53 | 5.75 | 773.84 | 0.62 | 44.26 |
| 1.663 | 11.46 | 48.66 | 1.3  | 5.75 | 645.86 | 0.68 | 44.25 |
| 1.671 | 11.46 | 48.65 | 0.0  | 5.75 | 624.52 | 0.64 | 44.24 |
| 1.695 | 11.46 | 48.67 | 1.22 | 5.76 | 741.71 | 0.64 | 44.26 |
| 1.747 | 11.46 | 48.68 | 0.65 | 5.78 | 598.58 | 0.63 | 44.27 |
| 1.791 | 11.46 | 48.63 | 1.11 | 5.79 | 620.48 | 0.59 | 44.22 |
| 1.801 | 11.46 | 48.65 | 1.98 | 5.81 | 611.06 | 0.64 | 44.25 |
| 1.805 | 11.45 | 48.68 | 0.99 | 5.84 | 624.81 | 0.66 | 44.28 |
| 1.823 | 11.45 | 48.65 | 1.11 | 5.88 | 669.33 | 0.74 | 44.26 |
| 1.846 | 11.45 | 48.64 | 1.45 | 5.95 | 652.78 | 0.67 | 44.25 |
| 1.866 | 11.45 | 48.66 | 1.56 | 6.06 | 580.68 | 0.68 | 44.27 |
| 1.877 | 11.44 | 48.65 | 2.33 | 6.23 | 579.74 | 0.67 | 44.27 |
| 1.881 | 11.44 | 48.65 | 1.22 | 6.47 | 577.33 | 0.66 | 44.27 |
| 1.885 | 11.44 | 48.66 | 1.07 | 6.74 | 544.07 | 0.66 | 44.28 |
| 1.886 | 11.44 | 48.64 | 1.3  | 7.01 | 492.23 | 0.64 | 44.26 |
| 1.894 | 11.44 | 48.67 | 1.3  | 7.25 | 498.54 | 0.64 | 44.28 |
| 1.937 | 11.45 | 48.67 | 1.11 | 7.43 | 484.64 | 0.69 | 44.28 |
| 1.99  | 11.44 | 48.64 | 1.26 | 7.55 | 468.41 | 0.72 | 44.26 |
| 2.036 | 11.44 | 48.65 | 1.34 | 7.59 | 445.43 | 0.69 | 44.27 |
| 2.073 | 11.44 | 48.66 | 1.37 | 7.57 | 447.19 | 0.69 | 44.28 |
| 2.095 | 11.44 | 48.65 | 1.34 | 7.5  | 442.66 | 0.66 | 44.27 |
| 2.106 | 11.44 | 48.65 | 1.22 | 7.42 | 445.12 | 0.69 | 44.28 |
| 2.117 | 11.44 | 48.67 | 1.37 | 7.35 | 431.21 | 0.7  | 44.29 |
| 2.129 | 11.44 | 48.65 | 1.53 | 7.32 | 428.22 | 0.69 | 44.28 |
| 2.15  | 11.44 | 48.65 | 1.37 | 7.3  | 428.42 | 0.78 | 44.27 |
| 2.171 | 11.44 | 48.66 | 1.3  | 7.31 | 426.74 | 0.77 | 44.28 |
| 2.19  | 11.44 | 48.65 | 1.34 | 7.32 | 432.31 | 0.75 | 44.28 |
| 2.207 | 11.44 | 48.65 | 1.45 | 7.33 | 427.53 | 0.7  | 44.27 |
| 2.216 | 11.44 | 48.65 | 1.34 | 7.33 | 429.22 | 0.69 | 44.28 |
| 2.223 | 11.44 | 48.66 | 1.37 | 7.3  | 425.65 | 0.66 | 44.29 |
| 2.235 | 11.44 | 48.65 | 1.37 | 7.26 | 423.78 | 0.69 | 44.28 |
| 2.255 | 11.44 | 48.65 | 1.37 | 7.19 | 420.55 | 0.7  | 44.28 |
| 2.281 | 11.44 | 48.66 | 1.41 | 7.13 | 420.84 | 0.68 | 44.28 |
| 2.312 | 11.44 | 48.65 | 1.49 | 7.07 | 420.75 | 0.66 | 44.28 |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 2.345 | 11.44 | 48.66 | 1.37 | 7.0  | 421.92 | 0.73 | 44.28 |
| 2.372 | 11.44 | 48.66 | 1.26 | 6.94 | 420.84 | 0.71 | 44.29 |
| 2.391 | 11.43 | 48.65 | 1.49 | 6.89 | 416.57 | 0.72 | 44.28 |
| 2.408 | 11.43 | 48.66 | 1.22 | 6.85 | 416.38 | 0.74 | 44.29 |
| 2.436 | 11.43 | 48.66 | 1.41 | 6.81 | 415.8  | 0.71 | 44.3  |
| 2.472 | 11.43 | 48.65 | 1.41 | 6.78 | 420.36 | 0.74 | 44.28 |
| 2.494 | 11.43 | 48.65 | 1.56 | 6.76 | 427.33 | 0.77 | 44.28 |
| 2.498 | 11.43 | 48.66 | 1.41 | 6.74 | 431.41 | 0.74 | 44.3  |
| 2.499 | 11.43 | 48.66 | 1.11 | 6.73 | 435.73 | 0.72 | 44.29 |
| 2.503 | 11.43 | 48.65 | 1.3  | 6.72 | 425.85 | 0.7  | 44.29 |
| 2.513 | 11.43 | 48.66 | 1.41 | 6.73 | 422.7  | 0.77 | 44.29 |
| 2.526 | 11.43 | 48.66 | 1.34 | 6.73 | 430.71 | 0.69 | 44.29 |
| 2.556 | 11.43 | 48.65 | 1.45 | 6.74 | 440.0  | 0.78 | 44.29 |
| 2.615 | 11.43 | 48.66 | 1.34 | 6.75 | 424.47 | 0.72 | 44.29 |
| 2.704 | 11.43 | 48.66 | 1.34 | 6.76 | 415.61 | 0.71 | 44.3  |
| 2.792 | 11.43 | 48.65 | 1.34 | 6.76 | 422.6  | 0.72 | 44.29 |
| 2.829 | 11.42 | 48.66 | 1.34 | 6.72 | 416.29 | 0.69 | 44.3  |
| 2.834 | 11.42 | 48.65 | 1.41 | 6.71 | 419.58 | 0.72 | 44.3  |
| 2.846 | 11.42 | 48.65 | 1.53 | 6.7  | 409.02 | 0.79 | 44.3  |
| 2.865 | 11.42 | 48.65 | 1.34 | 6.72 | 417.35 | 0.74 | 44.3  |
| 2.884 | 11.42 | 48.65 | 1.22 | 6.75 | 401.22 | 0.73 | 44.3  |
| 2.894 | 11.42 | 48.65 | 1.49 | 6.8  | 404.4  | 0.74 | 44.3  |
| 2.895 | 11.42 | 48.65 | 1.3  | 6.86 | 389.31 | 0.76 | 44.3  |
| 2.901 | 11.42 | 48.65 | 1.41 | 6.92 | 408.45 | 0.81 | 44.3  |
| 2.918 | 11.42 | 48.65 | 1.49 | 6.97 | 389.59 | 0.79 | 44.3  |
| 2.942 | 11.42 | 48.65 | 1.49 | 7.0  | 393.12 | 0.82 | 44.3  |
| 2.969 | 11.42 | 48.65 | 1.45 | 7.01 | 387.15 | 0.77 | 44.3  |
| 2.992 | 11.42 | 48.65 | 1.26 | 7.0  | 391.3  | 0.81 | 44.3  |
| 3.004 | 11.42 | 48.65 | 1.3  | 6.98 | 374.45 | 0.81 | 44.3  |
| 3.01  | 11.42 | 48.65 | 1.18 | 6.93 | 378.2  | 0.82 | 44.3  |
| 3.02  | 11.42 | 48.65 | 1.45 | 6.88 | 376.8  | 0.81 | 44.3  |
| 3.041 | 11.42 | 48.65 | 1.34 | 6.83 | 377.23 | 0.76 | 44.3  |
| 3.068 | 11.42 | 48.65 | 1.3  | 6.79 | 383.49 | 0.79 | 44.3  |
| 3.095 | 11.42 | 48.65 | 1.34 | 6.77 | 370.73 | 0.8  | 44.3  |
| 3.112 | 11.42 | 48.65 | 1.49 | 6.72 | 365.02 | 0.82 | 44.3  |
| 3.12  | 11.42 | 48.65 | 1.3  | 6.71 | 362.49 | 0.81 | 44.3  |
| 3.142 | 11.42 | 48.65 | 1.49 | 6.7  | 365.11 | 0.8  | 44.3  |
| 3.171 | 11.42 | 48.65 | 1.53 | 6.68 | 359.15 | 0.82 | 44.3  |
| 3.194 | 11.42 | 48.65 | 1.49 | 6.65 | 358.23 | 0.79 | 44.3  |
| 3.205 | 11.42 | 48.65 | 1.6  | 6.56 | 349.21 | 0.84 | 44.3  |
| 3.211 | 11.42 | 48.65 | 1.49 | 6.53 | 347.2  | 0.82 | 44.3  |
| 3.227 | 11.42 | 48.65 | 1.37 | 6.49 | 351.49 | 0.83 | 44.3  |
| 3.249 | 11.42 | 48.65 | 1.6  | 6.46 | 352.06 | 0.83 | 44.3  |
| 3.265 | 11.42 | 48.65 | 1.87 | 6.43 | 346.07 | 0.82 | 44.3  |
| 3.275 | 11.42 | 48.65 | 1.72 | 6.41 | 343.59 | 0.83 | 44.3  |
| 3.28  | 11.42 | 48.65 | 1.56 | 6.39 | 337.28 | 0.86 | 44.3  |
| 3.284 | 11.42 | 48.65 | 1.34 | 6.38 | 335.33 | 0.9  | 44.3  |
| 3.293 | 11.42 | 48.65 | 1.45 | 6.38 | 335.72 | 0.84 | 44.3  |
| 3.307 | 11.42 | 48.65 | 1.45 | 6.38 | 344.63 | 0.79 | 44.3  |
| 3.323 | 11.42 | 48.65 | 1.41 | 6.39 | 340.42 | 0.78 | 44.3  |
| 3.334 | 11.42 | 48.65 | 1.45 | 6.39 | 336.19 | 0.85 | 44.3  |
| 3.337 | 11.42 | 48.65 | 1.72 | 6.39 | 329.25 | 0.88 | 44.3  |
| 3.34  | 11.42 | 48.65 | 1.53 | 6.38 | 331.78 | 0.84 | 44.3  |
| 3.348 | 11.42 | 48.65 | 1.6  | 6.36 | 332.93 | 0.84 | 44.3  |
| 3.362 | 11.42 | 48.65 | 1.68 | 6.34 | 332.86 | 0.86 | 44.3  |
| 3.376 | 11.42 | 48.65 | 1.6  | 6.31 | 333.86 | 0.92 | 44.3  |
| 3.381 | 11.42 | 48.65 | 1.41 | 6.23 | 324.55 | 0.86 | 44.3  |
| 3.386 | 11.42 | 48.65 | 1.53 | 6.21 | 328.41 | 0.84 | 44.3  |

|       |       |       |      |      |        |      |       |
|-------|-------|-------|------|------|--------|------|-------|
| 3.403 | 11.42 | 48.65 | 1.37 | 6.19 | 328.18 | 0.82 | 44.3  |
| 3.425 | 11.42 | 48.65 | 1.56 | 6.17 | 329.4  | 0.88 | 44.3  |
| 3.452 | 11.42 | 48.65 | 1.64 | 6.16 | 322.83 | 0.89 | 44.3  |
| 3.456 | 11.42 | 48.65 | 1.34 | 6.14 | 320.29 | 0.88 | 44.3  |
| 3.457 | 11.42 | 48.65 | 1.41 | 6.14 | 319.85 | 0.87 | 44.3  |
| 3.473 | 11.42 | 48.65 | 1.37 | 6.13 | 321.85 | 0.88 | 44.3  |
| 3.498 | 11.41 | 48.65 | 1.41 | 6.13 | 319.77 | 0.88 | 44.3  |
| 3.523 | 11.42 | 48.65 | 1.34 | 6.13 | 316.9  | 0.92 | 44.3  |
| 3.541 | 11.42 | 48.65 | 1.34 | 6.13 | 312.01 | 0.93 | 44.3  |
| 3.549 | 11.42 | 48.65 | 1.37 | 6.13 | 310.28 | 0.87 | 44.3  |
| 3.556 | 11.42 | 48.65 | 1.41 | 6.13 | 309.13 | 0.88 | 44.3  |
| 3.577 | 11.41 | 48.65 | 1.37 | 6.14 | 308.13 | 0.89 | 44.3  |
| 3.602 | 11.41 | 48.65 | 1.41 | 6.15 | 309.42 | 0.87 | 44.3  |
| 3.625 | 11.41 | 48.65 | 1.45 | 6.18 | 309.35 | 0.89 | 44.3  |
| 3.648 | 11.41 | 48.65 | 1.45 | 6.23 | 306.71 | 0.93 | 44.3  |
| 3.664 | 11.41 | 48.65 | 1.49 | 6.3  | 302.75 | 0.95 | 44.3  |
| 3.674 | 11.41 | 48.65 | 1.37 | 6.41 | 301.7  | 0.91 | 44.3  |
| 3.679 | 11.41 | 48.65 | 1.34 | 6.55 | 303.88 | 0.85 | 44.3  |
| 3.687 | 11.41 | 48.65 | 1.37 | 6.7  | 305.15 | 0.87 | 44.3  |
| 3.699 | 11.41 | 48.65 | 1.41 | 6.85 | 303.45 | 0.89 | 44.3  |
| 3.72  | 11.41 | 48.65 | 1.56 | 6.99 | 301.0  | 0.92 | 44.3  |
| 3.743 | 11.41 | 48.65 | 1.41 | 7.12 | 299.61 | 0.94 | 44.3  |
| 3.764 | 11.41 | 48.65 | 1.45 | 7.2  | 297.26 | 1.04 | 44.3  |
| 3.785 | 11.41 | 48.65 | 1.6  | 7.24 | 297.05 | 0.9  | 44.3  |
| 3.804 | 11.41 | 48.65 | 1.56 | 7.24 | 297.19 | 0.92 | 44.3  |
| 3.826 | 11.41 | 48.65 | 1.53 | 7.2  | 296.23 | 0.95 | 44.3  |
| 3.857 | 11.41 | 48.65 | 1.41 | 7.14 | 293.83 | 0.95 | 44.3  |
| 3.89  | 11.41 | 48.65 | 1.34 | 7.06 | 291.05 | 0.91 | 44.3  |
| 3.92  | 11.41 | 48.65 | 1.45 | 6.96 | 288.3  | 0.97 | 44.3  |
| 3.948 | 11.41 | 48.65 | 1.37 | 6.88 | 286.97 | 0.92 | 44.3  |
| 3.977 | 11.41 | 48.65 | 1.56 | 6.79 | 285.64 | 0.92 | 44.31 |
| 4.021 | 11.41 | 48.65 | 1.41 | 6.71 | 283.53 | 0.95 | 44.31 |
| 4.087 | 11.41 | 48.65 | 1.49 | 6.64 | 279.29 | 0.95 | 44.31 |
| 4.161 | 11.41 | 48.65 | 1.37 | 6.58 | 273.72 | 0.99 | 44.31 |
| 4.225 | 11.41 | 48.65 | 1.56 | 6.54 | 269.56 | 1.03 | 44.31 |
| 4.271 | 11.41 | 48.65 | 1.41 | 6.5  | 267.07 | 1.01 | 44.31 |
| 4.301 | 11.41 | 48.65 | 1.45 | 6.46 | 268.44 | 1.02 | 44.31 |
| 4.316 | 11.41 | 48.65 | 1.3  | 6.42 | 271.5  | 0.98 | 44.31 |
| 4.331 | 11.41 | 48.65 | 1.45 | 6.39 | 271.63 | 1.01 | 44.31 |
| 4.365 | 11.41 | 48.64 | 1.45 | 6.35 | 266.7  | 1.0  | 44.31 |
| 4.421 | 11.41 | 48.65 | 1.45 | 6.33 | 261.98 | 1.01 | 44.31 |
| 4.495 | 11.41 | 48.65 | 1.37 | 6.3  | 256.04 | 1.01 | 44.31 |
| 4.597 | 11.41 | 48.64 | 1.37 | 6.29 | 251.8  | 1.04 | 44.3  |
| 4.724 | 11.41 | 48.64 | 1.53 | 6.3  | 246.15 | 1.03 | 44.3  |
| 4.814 | 11.41 | 48.65 | 1.41 | 6.32 | 247.29 | 1.05 | 44.31 |
| 4.84  | 11.41 | 48.65 | 1.76 | 6.41 | 243.31 | 1.05 | 44.3  |
| 4.849 | 11.41 | 48.65 | 1.49 | 6.49 | 243.14 | 1.07 | 44.3  |
| 4.853 | 11.41 | 48.65 | 1.45 | 6.61 | 246.55 | 1.07 | 44.3  |
| 4.861 | 11.41 | 48.65 | 1.64 | 6.8  | 247.92 | 1.06 | 44.3  |
| 4.883 | 11.41 | 48.65 | 1.49 | 7.01 | 249.19 | 1.01 | 44.3  |
| 4.901 | 11.41 | 48.65 | 1.41 | 7.25 | 248.33 | 1.02 | 44.3  |
| 4.913 | 11.41 | 48.65 | 1.56 | 7.48 | 245.41 | 1.04 | 44.3  |
| 4.942 | 11.41 | 48.65 | 1.49 | 7.67 | 243.14 | 1.08 | 44.3  |
| 4.96  | 11.41 | 48.65 | 1.41 | 8.06 | 249.71 | 1.14 | 44.3  |
| 4.963 | 11.41 | 48.65 | 1.3  | 8.08 | 247.69 | 1.11 | 44.3  |
| 4.97  | 11.41 | 48.65 | 1.34 | 8.09 | 246.03 | 1.25 | 44.3  |
| 4.977 | 11.41 | 48.65 | 1.56 | 8.05 | 244.78 | 1.11 | 44.3  |
| 4.98  | 11.41 | 48.65 | 1.72 | 7.99 | 245.98 | 1.09 | 44.3  |

|       |       |       |      |      |        |      |      |
|-------|-------|-------|------|------|--------|------|------|
| 4.983 | 11.41 | 48.65 | 1.34 | 7.89 | 248.56 | 1.12 | 44.3 |
|-------|-------|-------|------|------|--------|------|------|